



**RWE Renewables UK Dogger Bank South  
(West) Limited**

**RWE Renewables UK Dogger Bank South  
(East) Limited**

# **Dogger Bank South Offshore Wind Farms**

**Draft Development Consent Order (Revision 04)**

**(Tracked)**

**Volume 3**

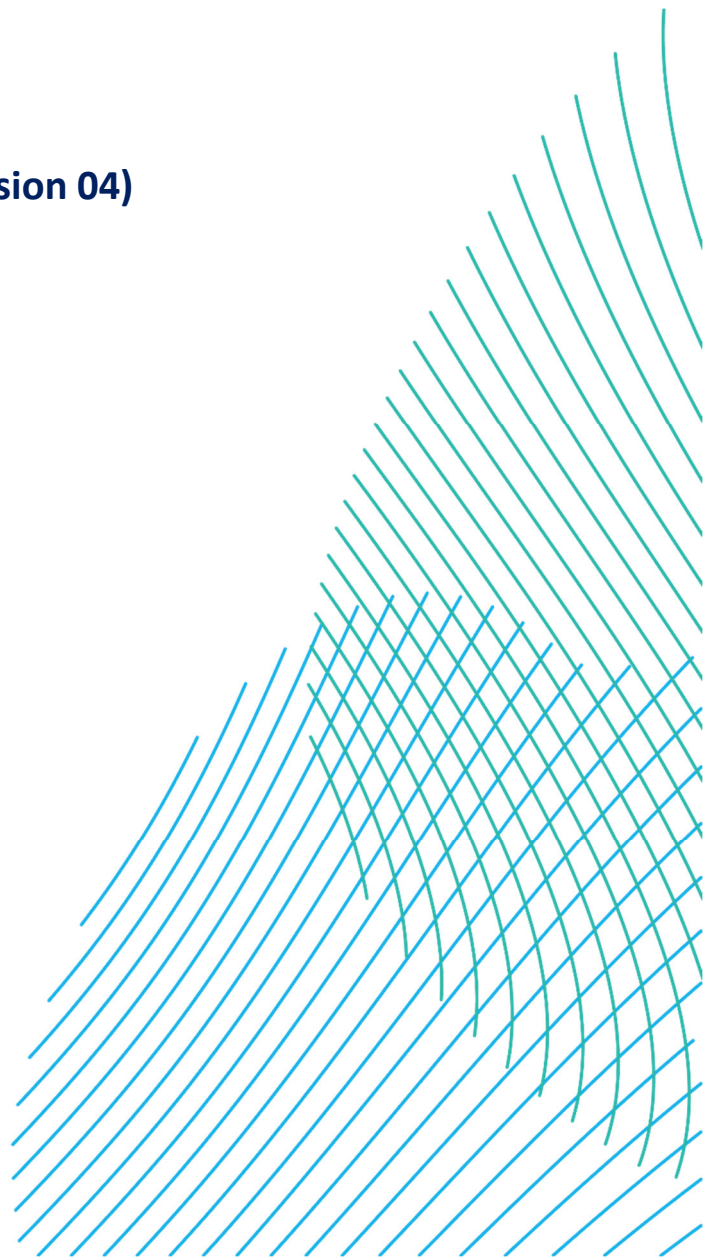
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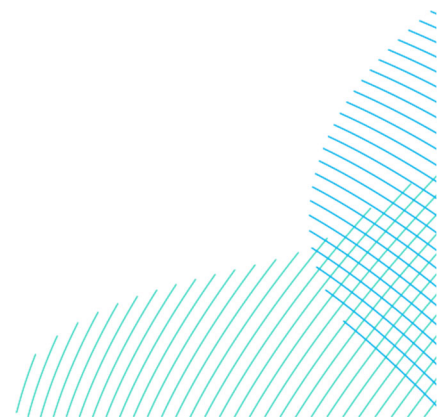
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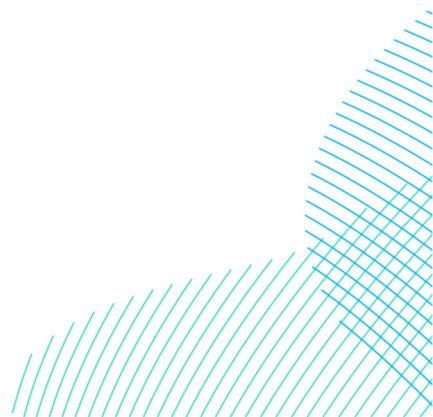
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Rev No.	Date	Status/Reason for Issue	Author	Checked by	Approved by
01	February 2024	Draft for PINS Submission	Burges Salmon	RWE	RWE
02	June 2024	Final for DCO Submission	Burges Salmon	RWE	RWE
03	December 2024	Pre-Examination Submission	Burges Salmon	RWE	RWE
04	January 2025	Project Change Requests 1 and 2	Burges Salmon	RWE	RWE



Revision Change Log			
Rev No.	Page	Section	Description
01	N/A	N/A	Draft for PINS Submission
02	N/A	N/A	Final for DCO Submission
03	N/A	N/A	Updates have been made to address comments made in section 51 advice, the section 55 checklist, in relevant representations by interested parties and comments raised by the Examining Authority in supplementary agenda questions for CAH1 and ISH1.
<a href="#">04</a>	<a href="#">N/A</a>	<a href="#">N/A</a>	<a href="#">Updates have been made to reflect the changes to the Projects outlined in Project Change Requests 1 and 2.</a>



**2024 No.**

**INFRASTRUCTURE PLANNING**

**The Dogger Bank South East and West Offshore Wind Farms  
Order 20[]**

*Made* - - - - - \*\*\*  
*Laid before Parliament* \*\*\*  
*Coming into force* \*\*\*

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An application has been made to the Secretary of State under section 37 of the Planning Act 2008(a)(the “2008 Act”) and in accordance with the Infrastructure Planning (Applications: Prescribed Forms and Procedures) Regulations 2009(b) for an order granting development consent.

The application was examined by an examining authority of 5 members (“the examining authority”) appointed by the Secretary of State pursuant to section 61(c) and 65(d) of Part 6 of the 2008 Act, and the examination was carried out in accordance with Chapter 4 of that Act and with the Infrastructure Planning (Examination Procedure) Rules 2010(e).

The examining authority, having examined the application with the documents that accompanies the application, [and considered the representations made and not withdrawn] has made a report and recommendation to the Secretary of State under section 74(2)(f) of the 2008 Act.

The Secretary of State has considered [representations made and not withdrawn] and the report and recommendation of the examining authority, has taken into account the environmental information in accordance with regulation 4 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017(g) and has had regard to the documents and matters referred to in section 104(2)(h) of the 2008 Act.

[The Secretary of State is satisfied that open space land within the Order land, when burdened with the new rights or the imposition of a restrictive covenant as authorised for compulsory acquisition under the terms of this Order, will be no less advantageous than it was before such acquisition to the persons in whom it is vested, other persons, if any, entitled to rights of common or other rights, and the public, and that, accordingly, section 132(3)(i) of the 2008 Act applies.]

The Secretary of State, having decided the application, has determined to make an order granting development consent for the development described in the application [with modifications which

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- (a) 2008 c.29. Section 37 was amended by Chapter 6 of Part 6 of, and Schedule 13 to, the Localism Act 2011 (c.20).
  - (b) S.I. 2009/2264.
  - (c) Section 61 was amended by section 128(2) and Schedule 13, paragraph 18 to the Localism Act 2011 (c.20) and by section 26 of the Infrastructure Act 2015 (c.7).
  - (d) Section 65 was amended by Schedule 13, paragraph 22(2) and Schedule 25, paragraph 1 to the Localism Act 2011 (c.20) and by section 27(1) of the Infrastructure Act 2015 (c.7).
  - (e) S.I. 2010/2013, amended by S.I. 2012/635
  - (f) Section 74 was amended by sections 128(2) and 237 and by Schedule 13, paragraph 29 and Schedule 25, paragraph 1, to the Localism Act 2011.
  - (g) S.I. 2017/572.
  - (h) Section 104 was amended by section 58(5) of the Marine and Coastal Access Act 2009 (c.23) and by section 128(2) and Schedule 13, paragraphs 1 and 49(1) to (6) of the Localism Act 2011.
  - (i) Section 132 was amended by section 24(3) of the Growth and Infrastructure Act 2013 (c.27).

in the opinion of the Secretary of State do not make any substantial changes to the proposals comprised in the application].

Accordingly, the Secretary of State, in exercise of the powers in sections [114, 115, 120(a), 122, 123, 140 and 149A] of the 2008 Act, makes the following Order:

## PART 1

### Preliminary

#### Citation and commencement

1. This Order may be cited as the Dogger Bank South East and West Offshore Wind Farms Order 202[•] and comes into force on [•].

#### Interpretation

2.—(1) Except for Schedules 10 to 14, which are subject to the definitions in those Schedules, in this Order—

“the 1961 Act” means the Land Compensation Act 1961**(b)**;

“the 1965 Act” means the Compulsory Purchase Act 1965**(c)**;

“the 1980 Act” means the Highways Act 1980**(d)**;

“the 1981 Act” means the Compulsory Purchase (Vesting Declarations) Act 1981**(e)**;

“the 1989 Act” means the Electricity Act 1989**(f)**;

“the 1990 Act” means the Town and Country Planning Act 1990**(g)**;

“the 1991 Act” means the New Roads and Street Works Act 1991**(h)**;

“the 2003 Act” means the Communications Act 2003**(i)**;

“the 2004 Act” means the Energy Act 2004**(j)**;

“the 2008 Act” means the Planning Act 2008**(k)**;

“the 2009 Act” means the Marine and Coastal Access Act 2009**(l)**;

“the 2016 Regulations” means the Environmental Permitting (England and Wales) Regulations 2016**(m)**;

“the 2017 Regulations” means the Conservation of Habitats and Species Regulations 2017**(n)**;

“access to works plan” means the plan or plans certified by the Secretary of State as the access to works plan or plans for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

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(a) Sections 114, 115 and 120 were amended by sections 128(2) and 140 and Schedule 13, paragraphs 1, 55(1), (2) and 60(1) and (3) of the Localism Act 2011. Relevant amendments were made to section 115 by section 160(1) to (6) of the Housing and Planning Act 2016 (c.22).

(b) 1961 c. 33.

(c) 1965 c. 56.

(d) 1980 c. 66.

(e) 1981 c. 66.

(f) 1989 c. 29.

(g) 1990 c. 8.

(h) 1991 c. 22. Section 48(3A) was inserted by section 124 of the Local Transport Act 2008 (c. 26), Sections 79(4), 80(4), and 83(4) were amended by section 40 of, and Schedule 1 to, the Traffic Management Act 2004 (c. 18).

(i) 2003 c.21

(j) 2004 c. 20. Section 105 was amended by section 69 of the Energy Act 2003 (c. 32).

(k) 2008 c. 29.

(l) 2009 c. 23.

(m) S.I. 2016/1154.

(n) S.I. 2017/1012.



“address” includes any number or address used for the purposes of electronic transmission;  
“ancillary works” means the ancillary works described in Part 2 (ancillary works) of Schedule 1 (authorised project) and any other works authorised by this Order that are not development within the meaning of section 32 (meaning of “development”) of the 2008 Act;

“array cable” means a cable linking the wind turbine generators to each other and to the offshore ~~electrical installations~~ converter platforms;

“authorised development” means the development and associated development described in Part 1 (authorised development) of Schedule 1 (authorised project) and any other development authorised by this Order that is development within the meaning of section 32 (meaning of “development”) of the 2008 Act;

“authorised project” means the authorised development and ancillary works authorised by this Order;

“bank holiday” means a bank holiday in England and Wales under section 1 of the Banking and Financial Dealings Act 1971;

“book of reference” means the document certified as the book of reference by the Secretary of State for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“building” includes any structure or erection or any part of a building, structure or erection;

“buoy” means any floating device used for navigational purposes or measurement purposes including LiDAR buoys, wave buoys and guard buoys;

“cable” means any onshore or offshore cable and includes direct-lay cables and cables laid in cable ducts and further includes fibre optic and other communications cables either within the cable or laid alongside;

“cable crossing” means a crossing of existing subsea cables or pipelines or other existing infrastructure by a cable or, where cables run together in parallel, a set of cables authorised by this Order together with cable protection;

“cable ducts” means conduits for the installation of cables;

“cable protection” means measures to protect cables from physical damage and exposure due to loss of seabed sediment including, but not limited to, rock placement, concrete mattresses with or without frond devices, protective aprons or coverings, bagged solutions filled with sand, rock, grout or other materials, and protective shells;

“cable statement” means the document certified by the Secretary of State as the cable statement for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“carriageway” has the same meaning as in section 329 (further provision as to interpretation) of the 1980 Act;

“commence” means either—

- (a) In relation to works seaward of MHWS, the first carrying out of any licensed marine activities authorised by the deemed marine licences, save for pre-construction surveys and monitoring approved under the deemed marine licences; or
- (b) in respect of any other works, the first carrying out of any material operation (as defined in section 155 (when development begins) of the 2008 Act) forming part of the authorised project except for pre-commencement works; and

and the words “commence” and “commencement” must be construed accordingly;

“commercial operation” means in relation to any part of the authorised project, the exporting, transmission or conversion, on a commercial basis, of electricity;

“commissioning” means the process of assuring that all systems and components of the authorised project are tested to verify that they function and are operable in accordance with the design objectives, specifications and operational requirements of the undertaker;

“commitments register” means the document certified by the Secretary of State as the commitments register for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“DBS East” means the Dogger Bank South East Offshore Wind Farm;

“DBS East works” means Work Nos. 1A to 34A;

“DBS East Project” means the DBS East Project offshore works and the DBS East Project onshore works;

“DBS East Project offshore works” means Work Nos. 1A to 9A and any other authorised development and ancillary works associated with those works;

“DBS East Project onshore works” means Work Nos. 10A to 34A and any other authorised development and ancillary works associated with those works;

“DBSEL” means RWE Renewables UK Dogger Bank South (East) Limited, company number 13656240, whose registered office is Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire, England, SN5 6PB;

“DBS West” means the Dogger Bank South West Offshore Wind Farm;

“DBS West works” means Work Nos 1B to 34B;

“DBS West Project” means the DBS West Project offshore works and the DBS West Project onshore works;

“DBS West Project offshore works” means Work Nos. 1B to 9B and any other authorised development and ancillary works associated with those works;

“DBS West Project onshore works” means Work Nos. 10B to 34B and any other authorised development and ancillary works associated with those works;

“DBSWL” means RWE Renewables UK Dogger Bank South (West) Limited, company number 13656525, whose registered office is Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire, England, SN5 6PB;

“deemed marine licences” means the deemed marine licences set out in Schedules 10 (Deemed Marine Licence 1: DBS East Project Offshore Generation – Work Nos. 1A, 4A and 7A), 11 ( Deemed Marine Licence 2: DBS West Project Offshore Generation – Work No. 1B, 4B and 7B), 12 (Deemed Marine Licence 3: DBS East Project Offshore Transmission – Work Nos. 2A, 3A, ~~6A~~, 7A and 8A), 13 (Deemed Marine Licence 4: DBS West Project Offshore Transmission – Work Nos. 2B, 3B, ~~6B~~, 7B and 8B) and 14 (Deemed Marine Licence 5: DBS East Project and DBS West Project Offshore Transmission – Work Nos. 5A, 5B, 7A and 7B);

“Defence Infrastructure Organisation Safeguarding” means Ministry of Defence Safeguarding, Defence Infrastructure Organisation, St George’s House, DIO Head Office, DMS Whittington, Lichfield, Staffordshire WS14 9PY and any successor body to its functions;

“design and access statement” means the document certified by the Secretary of State as the design and access statement for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“Dogger Bank SAC” means the site designated as the Dogger Bank Special Area of Conservation;

“Environment Agency” means the Environment Agency, Horizon House, Deanery Road, Bristol, BS1 5AH and any successor in name or function;

“environmental statement” means the documents certified by the Secretary of State as the environmental statement for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

~~“gravity base structure foundation” means a structure principally of steel, concrete, or steel and concrete which rests on the seabed either due to its own weight with or without added ballast, skirts or other additional fixings, and associated equipment including scour protection, J-tubes, corrosion protection systems, access platforms and equipment and separate topside connection structures or integrated transition pieces;~~

“guillemot and razorbill compensation plan” means the document certified by the Secretary of State as the guillemot and razorbill compensation plan for the purposes of this Order under Article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“highway” has the same meaning as in section 328 (meaning of “highway”) of the 1980 Act;

“highway authority” has the same meaning as in the 1980 Act;

“horizontal directional drilling” refers to a trenchless technique for installing cables and cable ducts involving drilling in an arc between two points;

“HVAC” means high voltage alternating current;

“HVDC” means high voltage direct current;

“in principle monitoring plan” means the document certified by the Secretary of State as the in principle monitoring plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation” means the document certified by the Secretary of State as the in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation for the purposes of this Order under Article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“inter-platform cable” means a cable linking the offshore ~~electrical installations~~[converter platforms](#);

“intrusive” means an activity that requires or is facilitated by breaking the surface of the ground or seabed (but does not include the installation of fence or signage posts);

“jacket foundation” means a lattice type structure constructed of steel which is fixed to the seabed at 3 or more points with steel pin piles and associated equipment including scour protection, J-tubes, corrosion protection systems and access platforms;

“jointing bay” means an underground structure located at regular intervals along the cable route to join sections of cable and facilitate installation of the cable into the buried cable ducts;

“kittiwake compensation plan” means the document certified by the Secretary of State as the kittiwake compensation plan for the purposes of this Order under Article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“land plans” means the plans certified by the Secretary of State as the land plans for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“LAT” means lowest astronomical tide;

“lead local flood authority” has the same meaning as in section 6(7) (other definitions) of the Flood and Water Management Act 2010(a);

“link box” means an underground metal box placed within a concrete pit where the metal sheaths between adjacent export cable sections are connected and earthed, installed within a ground level manhole to allow access to the link box for regular maintenance or fault-finding purposes;

“maintain” includes inspect, upkeep, repair, adjust, alter, and further includes remove, reconstruct and replace (including replenishment of cable protection), but does not include the removal, reconstruction or replacement of foundations associated with the authorised project, to the extent assessed in the environmental statement; and any derivation of “maintain” must be construed accordingly;

“Deemed Marine Licence 1” means the deemed marine licence in Schedule 10 (Deemed Marine Licence 1:– DBS East Project Offshore Generation Work Nos. 1A, 4A and 7A);

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(a) 2010 c. 29.

“Deemed Marine Licence 2” means the deemed marine licence in Schedule 11 (Deemed Marine Licence 2: – DBS West Project Offshore Generation Work Nos. 1B, 4B and 7B);

“Deemed Marine Licence 3” means the deemed marine licence in Schedule 12 (Deemed Marine Licence 3: DBS East Project Offshore Transmission– Work Nos. 2A, 3A, ~~6A~~, 7A and 8A);

“Deemed Marine Licence 4” means the deemed marine licence in Schedule 13 (Deemed Marine Licence 4: – DBS West Project Offshore Transmission Work Nos. 2B, 3B, ~~6B~~, 7B and 8B);

“Deemed Marine Licence 5” means the deemed marine licence in Schedule 14 (Deemed Marine Licence 5: DBS East Project and DBS West Project Offshore Transmission Work Nos. 5A, 5B, 7A and 7B);

“MCA” means the Maritime and Coastguard Agency, Navigation Safety Branch, Bay 2/20, Spring Place, 105 Commercial Road, Southampton, SO15 1EG;

“mean sea level” means the average level of the sea surface over a period of time, taking account of all tidal effects and surge events;

“MHWS” or “mean high water springs” means the highest level that spring tides reach on average over a period of time;

“MLWS” or “mean low water springs” means the lowest level that spring tides reach on average over a period of time;

“MMO” means the Marine Management Organisation;

“monopile foundation” means a steel pile driven or drilled into the seabed and associated equipment including scour protection, J-tubes, corrosion protection systems and access platforms and equipment;

“National Highways” means National Highways Limited (company number 09346363) whose registered office is at Bridge House, 1 Walnut Tree Close, Guildford, Surrey, GU1 4LZ or any such successor or replacement body that may from time to time be primarily responsible for the functions, duties and responsibilities currently exercised by that statutory body;

“offshore accommodation platform” means a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing accommodation, storage, workshop auxiliary equipment and facilities for operating, maintaining and controlling the offshore converters or wind turbine generators, including but not limited to navigation, aviation and safety marking and lighting, systems for vessel access and retrieval, cranes, potable water supply, black water separation, stores, fuels and spares, communications systems and control hub facilities

~~“offshore order limits and grid coordinates plan” means the plans certified by the Secretary of State as the offshore order limits and grid coordinates plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);~~

~~“offshore electrical installations” means the offshore collector platforms, offshore converter platforms and offshore switching platform forming part of the authorised project;~~

~~“offshore collector platform” means an offshore collector platform with equipment to collect the HVAC power generated at the wind turbine generators, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity generated at the wind turbine generators to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, substation auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;~~

“offshore converter platform” means an offshore converter platform with equipment to convert the HVAC power generated at the wind turbine generators into HVDC power, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity generated at the wind turbine generators to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, substation auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;

~~“offshore electrical platform” means an offshore collector platform, an offshore converter platform and/or an offshore switching platform;~~

~~“offshore switching platform” means an offshore switching platform with equipment to facilitate and alter the inter connection and onward transmission of power from two or more power transmission systems, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;~~

“offshore order limits and grid coordinates plan” means the plans certified by the Secretary of State as the offshore order limits and grid coordinates plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“offshore works” means Work Nos. 1A to 9A and 1B to 9B and any other authorised development and ancillary works associated with those works;

“onshore HVDC converter station” means a compound comprising an onshore HVDC converter station containing electrical equipment required to switch, transform, convert electricity and provide reactive power compensation, with external landscaping and means of access;

“onshore order limits and grid coordinates plan” means the plans certified by the Secretary of State as the onshore order limits and grid coordinates plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“onshore works” means Work Nos. 10A to 34A and 10B to 34B and any other authorised development and ancillary works associated with those works;

“Order land” means the land shown on the land plans which is within the limits of land to be acquired or used and described in the book of reference;

“Order limits” means the limits shown on the works plans within which the authorised project may be carried out, whose grid coordinates seaward of MHWS are set out in Part 1 of Schedule 1 (authorised project) of this Order;

“outline code of construction practice” means the document certified by the Secretary of State as the outline code of construction practice for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline construction traffic management plan” means the document certified by the Secretary of State as the outline construction traffic management plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline drainage strategy” means the document certified by the Secretary of State as the outline drainage strategy for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline ecological management plan” means the document certified by the Secretary of State as the outline ecological management plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline fisheries liaison and co-existence plan” means the document certified by the Secretary of State as the outline fisheries liaison and co-existence plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline landscape management plan” means the document certified by the Secretary of State as the outline landscape management plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline marine mammal mitigation protocol” means the document certified by the Secretary of State as the outline marine mammal mitigation protocol for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline offshore operations and maintenance plan” means the document certified by the Secretary of State as the outline offshore operations and maintenance plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline project environmental management plan” means the document certified by the Secretary of State as the outline project environmental management plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline public rights of way management plan” means Appendix C of the document certified by the Secretary of State as the outline code of construction practice for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline scour protection plan” means the document certified by the Secretary of State as the outline scour protection plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline skills and employment strategy” means the document certified by the Secretary of State as the outline skills and employment strategy for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline vessel traffic monitoring plan” means the document certified by the Secretary of State as the outline vessel traffic monitoring plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline written scheme of investigation (offshore)” means the document certified by the Secretary of State as the outline written scheme of investigation (offshore) for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline onshore written scheme of investigation” means the document certified by the Secretary of State as the outline onshore written scheme of investigation for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“owner”, in relation to land, has the same meaning as in section 7 (interpretation) of the Acquisition of Land Act 1981(a);

“pre-commencement works” means site clearance, demolition, early planting of landscaping works, archaeological investigations, environmental surveys, ecological mitigation, investigations for the purpose of assessing ground conditions, remedial work in respect of any contamination or other adverse ground conditions, the diversion and laying of services, the erection of any temporary screening and means of enclosure, site security works, creation of temporary hardstanding, erection of welfare facilities, creation of site accesses and the temporary display of site notices or advertisements;

“pre-existing ducts” means the ducts to be installed at landfall forming part of Work Nos 3A, 3B, 8A and 8B.

“public communications provider” has the same meaning as in section 151(1) (interpretation of chapter 1) of the 2003 Act;

“public holiday” means a public holiday in England and Wales established by common law;

“public rights of way plan” means the plans certified by the Secretary of State as the public rights of way plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“relevant highway authority” means the highway authority for the area in which the land to which the relevant provision of this Order applies is situated, being East Riding of Yorkshire Council or any successor to it as highway authority for the land in question;

“relevant planning authority” means East Riding of Yorkshire Council, or any successor to it as planning authority for the land in question;

“requirement” means a requirement set out in Part 1 of Schedule 2, and a reference to a numbered requirement is a reference to the requirement set out in the paragraph of the same number of that Schedule;

“scour protection” means measures to prevent loss of seabed sediment around any structure placed in or on the seabed including by the use of bagged solutions, filled with grout or other materials, protective aprons, concrete mattresses with or without frond devices, and rock and gravel placement;

“special category land plan” means the plan certified by the Secretary of State as the special category land plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“statutory historic body” means Historic England, 4<sup>th</sup> Floor, Cannon Bridge House, 25 Dowgate Hill, London EC4R 2YA or its successor in function;

“statutory nature conservation body” means a statutory nature conservation body, being the appropriate nature conservation body as defined in Regulation 5 of the Conservation of Habitats and Species Regulations 2017(b) or its equivalent in the Conservation of Offshore Marine Habitats and Species Regulations 2017(c);

“statutory undertaker” means any person falling within section 127(8) (statutory undertakers’ land) of the 2008 Act and a public communications provider as defined in section 151 (interpretation of chapter 1) of the 2003 Act;

“street” means a street within the meaning of section 48 (streets, street works and undertakers) of the 1991 Act, together with land on the verge of a street or between two carriageways, and includes part of a street;

“street authority”, in relation to a street, has the same meaning as in section 49 (the street authority and other relevant authorities) of the 1991 Act;

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(a) 1981 c. 67.  
(b) S.I. 2017/1012  
(c) S.I. 2017/1013



“streets plan” means the plans certified by the Secretary of State as the streets plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“temporary construction compound” means a temporary construction area associated with the onshore works including (as required) but not limited to hardstanding, temporary fencing, lighting, ground preparation, site offices and workshop facilities, general storage, storage of plant, storage of spoil, cable drums, ducting and other construction materials; welfare facilities; car parking; waste management, lay-down areas; bunded generators; fuel storage or any other means of enclosure or areas required for construction purposes;

“tree preservation order and hedgerow plan” means the plan certified by the Secretary of State as the tree preservation order and hedgerow plan for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“transition joint bay” means an underground structure that houses the joints between the offshore export cables and the onshore export cables;

“transition piece” means a metal structure attached to the top of a foundation where the base of a wind turbine generator is connected and includes additional equipment such as J-tubes, corrosion protection systems, boat access systems, access platforms, craneage, electrical transmission equipment and associated equipment;

“trenchless crossing compound” means a construction site associated with trenchless crossing works including hard standing, lay down and storage areas for construction materials and equipment, areas for spoil, areas for vehicular parking, bunded storage areas, areas comprising water and bentonite tanks, pumps and pipes, welfare facilities including offices and canteen and washroom facilities, wheel washing facilities, workshop facilities and temporary fencing or other means of enclosure and areas for other facilities required for construction purposes;

“Trinity House” means the Corporation of Trinity House of Deptford Strond, Tower Hill, London EC3N 4DH;

“undertaker” means, subject to article 5 (*benefit of Order*),—

- (a) for the purposes of constructing, maintaining and operating the DBS East works and any related ancillary works, DBSEL;
- (b) for the purposes of constructing, maintaining and operating the DBS West works and any related ancillary works, DBSWL; and
- (c) in any other case, DBSEL and DBSWL;

“vessel” means every description of vessel, however propelled or moved, and includes a non-displacement craft, a personal watercraft, a seaplane on the surface of the water, a hydrofoil vessel, a hovercraft or any other amphibious vehicle and any other thing constructed or adapted for movement through, in, on or over water and which is at the time in, on or over water;

“watercourse” includes all rivers, streams, ditches, drains, canals, cuts, culverts, dykes, sluices, sewers and passages through which water flows except a public sewer or drain;

“wind turbine generator” means a structure comprising a tower, a rotor with three blades connected at the hub, a nacelle and ancillary electrical and other equipment which may include J-tubes, transition piece, access and rest platforms, access ladders, boat access systems, corrosion protection systems, fenders and maintenance equipment, helicopter transfer facilities and other associated equipment, fixed to a foundation or transition piece;

“working day” means a day which is not a weekend, bank holiday or public holiday in England;

“works plans” means the works plans (offshore) and the works plans (onshore);

“works plans (offshore)” means the plans certified by the Secretary of State as the works plans (offshore) for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified); and



“works plans (onshore)” means the plans certified by the Secretary of State as the works plans (onshore) for the purposes of this Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified).

(2) References in this Order to rights over land include references to rights to do or to place and maintain, anything in, on or under land or in the air space above its surface and references in this Order to the imposition of restrictive covenants are references to the creation of rights over the land which interfere with the interests or rights of another and are for the benefit of land which is acquired under this Order or which is an interest otherwise comprised in the Order land.

(3) All distances, directions and lengths referred to in this Order are approximate, save in respect of the parameters referred to in—

- (a) requirements 2 to 6 in Part 1 of Schedule 2 (requirements);
- (b) conditions 1 to 5 in Part 2 of Schedule 10 (conditions);
- (c) conditions 1 to 5 in Part 2 of Schedule 11 (conditions);
- (d) conditions 1 to 3 in Part 2 of Schedule 12 (conditions);
- (e) conditions 1 to 3 in Part 2 of Schedule 13 (conditions); and
- (f) condition 1 in Part 2 of Schedule 14 (conditions).

(4) References in this Order to a numbered work are references to a work so numbered in Part 1 (authorised development) of Schedule 1 (authorised project).

(5) Unless otherwise stated, references in this Order to points identified by letters are references to the points so lettered on the works plans.

(6) References in this Order to coordinates are references to coordinates on the World Geodetic System 1984 datum.

(7) In this Order “includes” must be construed without limitation unless the contrary intention appears.

(8) Any reference to any statute, order, regulation or similar instrument in this Order must be construed as a reference to a statute, order, regulation or instrument as amended by any subsequent statute, order, regulation or instrument or as contained in any re-enactment.

## PART 2

### Principal powers

#### **Development consent granted by Order**

3. Subject to the provisions of this Order including the requirements—

- (a) DBSEL is granted development consent for the DBS East works and related ancillary works to be carried out within the Order limits; and
- (b) DBSWL is granted development consent for the DBS West works and related ancillary works to be carried out within the Order limits.

#### **Maintenance of the authorised project**

4.—(1) The undertaker may at any time maintain the authorised project except to the extent that this Order or any agreement made under this Order provides otherwise.

(2) Paragraph (1) does not relieve the undertaker of any requirement to obtain any further licence under Part 4 (marine licensing) of the 2009 Act for licensable activities not covered by the deemed marine licences.

## Benefit of the Order

5.—(1) Subject to this article, the provisions of this Order have effect solely for the benefit of the undertaker.

(2) Subject to paragraphs (6), (7) and (8) the undertaker may with the written consent of the Secretary of State—

- (a) transfer to another person (“the transferee”) any or all of the benefit of the provisions of this Order (excluding the deemed marine licences referred to in paragraph (3) below) and such related statutory rights as may be agreed between the undertaker and the transferee; and
- (b) grant to another person (“the lessee”) for a period agreed between the undertaker and the lessee any or all of the benefit of the provisions of the Order (excluding the deemed marine licences referred to in paragraph (3) below) and such related statutory rights as may be so agreed.

Except where paragraph (8) applies, in which case no consent of the Secretary of State is required.

(3) Subject to paragraph (6), the undertaker may with the written consent of the Secretary of State and where an agreement has been made in accordance with paragraph (2)(a), transfer to the transferee the whole of any deemed marine licences and such related statutory rights as may be agreed between the undertaker and the transferee, except where paragraph (8) applies, in which case no consent of the Secretary of State is required.

(4) Where an agreement has been made in accordance with paragraph (2) or (3) references in this Order to the undertaker, except in paragraphs (5), (7) and (13), shall include references to the transferee or lessee.

(5) The undertaker must consult the Secretary of State before making an application for consent under this article by giving notice in writing of the proposed application.

(6) The Secretary of State must consult the MMO before giving consent to the transfer of the benefit of the whole of any deemed marine licences under paragraph (3).

(7) Where the undertaker has transferred any benefit under paragraph (2) or (3), or for the duration of any period during which the undertaker has granted any benefit, under paragraph (2)—

- (a) the benefit transferred or granted (“the transferred benefit”) shall include any rights that are conferred, and any obligations that are imposed, by virtue of the provisions to which the benefit relates;
- (b) the transferred benefit shall reside exclusively with the transferee or, as the case may be, the lessee and the transferred benefit shall not be enforceable against the undertaker save in the case of a deemed marine licence transferred or granted in respect of any breach of an obligation by the undertaker which occurs prior to such transfer or grant or which occurs as a result of any activity carried out by the undertaker on behalf of the transferee; and
- (c) the exercise by a person of any benefits or rights conferred in accordance with any transfer under paragraph (2) or (3) or grant under paragraph (2) is subject to the same restrictions, liabilities and obligations as would apply under this Order if those benefits or rights were exercised by the undertaker.

(8) The consent of the Secretary of State is required for the exercise of powers under paragraph (2) or (3) except where—

- (a) the transferee or lessee is the holder of a licence under section 6 (licences authorising supply, etc.) of the 1989 Act;
- (b) the transferee or lessee is a company whose shares are entirely owned by the undertaker or is a subsidiary to the undertaker;
- (c) the transferee or lessee is Northern Powergrid (Yorkshire) PLC (company number 04112320, whose registered office is at Lloyds Court, 78 Grey Street, Newcastle Upon Tyne, NE1 6AF) for the purpose of undertaking Work No. 22A or 22B; [or](#)

~~(d) the transferee or lessee is Yorkshire Water Services Limited (company number 02366682, whose registered office is at Western House, Halifax Road, Bradford, West Yorkshire, BD6 2SZ) for the purpose of undertaking Work No. 24A(j), 24B(j), 28A or 28B; or~~

~~(e)~~(d) the time limits for claims for compensation in respect of the acquisition of land or effects upon land under this Order have elapsed and—

- (i) no such claims have been made;
- (ii) any such claim has been made and has been compromised or withdrawn;
- (iii) compensation has been paid in final settlement of any such claim;
- (iv) payment of compensation into court has taken place in lieu of settlement of any such claim; or
- (v) it has been determined by a tribunal or court of competent jurisdiction in respect of any such claim that no compensation shall be payable.

(9) Prior to any transfer or grant under this article taking effect the undertaker must give notice in writing to the Secretary of State, and if such transfer or grant relates to the exercise of powers in their area, to the MMO and the relevant planning authority.

(10) A notice required under paragraphs (5) and (9) must—

- (a) state—
  - (i) the name and contact details of the person to whom the benefit of the provisions will be transferred or granted;
  - (ii) subject to paragraph (11), the date on which the transfer will take effect;
  - (iii) the provisions to be transferred or granted;
  - (iv) the restrictions, liabilities and obligations that, in accordance with paragraph (7)(c), will apply to the person exercising the powers transferred or granted; and
  - (v) where paragraph (8) does not apply, confirmation of the availability and adequacy of funds for compensation associated with the compulsory acquisition of the Order land;
- (b) be accompanied by—
  - (i) where relevant, a plan showing the works or areas to which the transfer or grant relates; and
  - (ii) a copy of the document effecting the transfer or grant signed by the undertaker and the person to whom the benefit of the powers will be transferred or granted.

(11) The date specified under paragraph (10)(a)(ii) in respect of a notice served in respect of paragraph (9) must not be earlier than the expiry of fourteen days from the date of the receipt of the notice.

(12) The notice given under paragraph (9) must be signed by the undertaker and the person to whom the benefit of the powers will be transferred or granted as specified in that notice.

(13) The provisions of articles 8 (street works), 10 (temporary closure of streets), 20 (compulsory acquisition of land), 22 (compulsory acquisition of rights), 30 (temporary use of land for carrying out the authorised project) and 31 (temporary use of land for maintaining the authorised project) shall have effect only for the benefit of the undertaker and a person who is a transferee or lessee who is also—

- (a) in respect of Work Nos. 10A to 34A and 10B to 34B, a person who holds a licence under the 1989 Act; or
- (b) in respect of functions under article 8 relating to streets, a street authority.

(14) Section 72(7) and (8) (variation, suspension, revocation and transfer) of the 2009 Act do not apply to a transfer of grant of the whole of the benefit of the provisions of any deemed marine licences to another person by the undertaker pursuant to an agreement under paragraph (3) of this article save that the MMO may amend any deemed marine licence granted under Schedule 10 (Deemed Marine Licence 1: DBS East Project Offshore Generation – Work Nos. 1A, 4A and 7A),

Schedule 11 (Deemed Marine Licence 2: DBS West Project Offshore Generation – Work Nos. 1B, 4B and 7B), Schedule 12 (Deemed Marine Licence 3: DBS East Project Offshore Transmission – Work Nos. 2A, 3A, 5A, ~~6A~~, 7A and 8A), schedule 13 (Deemed Marine Licence 4: DBS West Project Offshore Transmission – Work Nos. 2B, 3B, 5B, ~~6B~~, 7B and 8B), and Schedule 14 (Deemed Marine Licence 5: DBS East Project and DBS West Project Offshore Transmission – Work Nos. 5A, 5B, 7A and 7B) of the Order to correct the name of the undertaker to the name of a transferee or lessee under this article 5 (*Benefit of the Order*).

### **Disapplication and modification of legislative provisions**

6.—(1) The following provisions do not apply in relation to the construction of works or the carrying out of any operation for the purpose of, or in connection with, the construction or maintenance of the authorised project or any part of the authorised project—

- (a) the 2016 Regulations, to the extent that they require a permit for anything that would have required consent made under section 109 (structures in, over or under a main river) of the Water Resources Act 1991<sup>(a)</sup> immediately before the repeal of that section or for any activities defined under the Environmental Permitting (England and Wales) Regulations 2016 as flood risk activities;
- (b) Section 23 (prohibition of obstructions etc. in watercourses)<sup>(b)</sup> of the Land Drainage Act 1991;
- (c) the provisions of any byelaws made under, or having effect as if made under, paragraph 5, 6 or 6A of Schedule 25 (byelaw-making powers of the Appropriate Agency) to the Water Resources Act 1991 that require consent or approval for the carrying out of the works;
- (d) the provisions of any byelaws made under, or having effect as if made under, section 66 (powers to make byelaws) of the Land Drainage Act 1991 that require consent or approval for the carrying out of the works; and
- (e) the provisions of the Neighbourhood Planning Act 2017<sup>(c)</sup> in so far as they relate to the temporary possession of land under this Order.

(2) For the purpose of carrying out development authorised by this Order only, regulation 6(1) (permitted work)<sup>(d)</sup> of the Hedgerows Regulations 1997 (permitted work) is deemed to be amended by inserting the following sub-paragraph after sub-paragraph (1)(j)—

“or

- (k) for carrying out development which has been authorised by an order granting development consent pursuant to section 114 of the Planning Act 2008;”.

### **Defence to proceedings in respect of statutory nuisance**

7.—(1) Where proceedings are brought under section 82(1) (summary proceedings by persons aggrieved by statutory nuisances)<sup>(e)</sup> of the Environmental Protection Act 1990 in relation to a nuisance falling within paragraphs (d), (fb), (g) and (ga) of section 79(1)<sup>(f)</sup> of that Act (statutory nuisances and inspections therefor) no order may be made, and no fine may be imposed, under section 82(2) of that Act if—

- (a) the defendant shows that the nuisance—
  - (i) relates to premises used by the undertaker for the purposes of or in connection with the construction or maintenance of the authorised project and is attributable to the carrying out of the authorised project in accordance with a notice served under

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(a) 1991 c. 59. Section 109 has been repealed.

(b) 1991 c. 59.

(c) 2017 c. 20.

(d) S.I. 1997/1160. Regulation 6 was amended by paragraph 35 of Schedule 1 to S.I. 2015/377.

(e) 1990 c. 43. Section 82 was amended by sections 101 and 102 of the Clean Neighbourhoods and Environment Act 2005 (c.16).

(f) Section 79 was amended by paragraph 89 of Schedule 22 to Environment Act 1995 c. 25.

section 60 (control of noise on construction sites), or a consent given under section 61 (prior consent for work on construction sites), of the Control of Pollution Act 1974(a); or

- (ii) is a consequence of the construction or maintenance of the authorised project and cannot reasonably be avoided;
- (b) the defendant shows that the nuisance—
- (i) relates to premises used by the undertaker for the purposes of or in connection with the use of the authorised project and is attributable to the use of the authorised project being used in compliance with requirement 21 (control of noise during operational phase); or
  - (ii) is a consequence of the use or operation of the authorised project and cannot reasonably be avoided.

(2) For the purposes of paragraph (1) above, compliance with the controls and measures relating to noise, vibration, dust or artificial light described in the outline code of construction practice or approved pursuant to the requirements in Schedule 2 of this Order will be sufficient, but not necessary, to show that an alleged nuisance could not reasonably be avoided.

(3) Section 61(9) of the Control of Pollution Act 1974 does not apply where the consent relates to the use of premises by the undertaker for the purposes of or in connection with the construction or maintenance of the authorised project.

## PART 3

### Streets

#### Street works

8.—(1) The undertaker may, for the purposes of the authorised project, enter on so much of any of the streets specified in Part 1 (streets subject to permanent street works) of Schedule 3 (streets subject to street works) as is within the Order limits and may—

- (a) break up or open the street or any sewer, drain or tunnel under it;
- (b) tunnel or bore under the street;
- (c) remove or use all earth and materials in on or under the street;
- (d) place and keep apparatus under the street;
- (e) maintain apparatus under the street or change its position; and
- (f) execute any works required for or incidental to any works referred to in sub-paragraphs (a) - (e).

(2) The authority given by paragraph (1) is a statutory right for the purposes of sections 48(3) (streets, street works and undertakers) and 51(1) (prohibition of unauthorised street works) of the 1991 Act.

(3) In this article “apparatus” has the same meaning as in Part 3 (street works in England and Wales) of the 1991 Act.

#### Application of the 1991 Act

9.—(1) The provisions of the 1991 Act mentioned in paragraph (2) that apply in relation to the carrying out of street works under that Act and any regulations made, or code of practice issued or approved, under those provisions apply (with all necessary modifications) in relation to—

- (a) the carrying out of works under article 8 (*street works*); and

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(a) 1974 c. 40. Section 61 was amended by Schedule 7 to the Building Act 1984 (c. 55), paragraph 15 of Schedule 15 to the Environmental Protection Act 1990 (c.43) and Schedule 24 to the Environment Act 1995.

- (b) the temporary closure, restriction, alteration or diversion of a street by the undertaker under article 10 (*temporary closure of streets*);

whether or not the carrying out of the works or the stopping up, alteration or diversion constitutes street works within the meaning of that Act.

(2) The provisions of the 1991 Act<sup>(a)</sup> are—

- (a) subject to paragraph (3), section 55 (notice of starting date of works);
- (b) section 57 (notice of emergency works);
- (c) section 60 (general duty of undertakers to co-operate);
- (d) section 68 (facilities to be afforded to street authority);
- (e) section 69 (works likely to affect other apparatus in the street);
- (f) section 76 (liability for cost of temporary traffic regulation);
- (g) section 77 (liability for cost of use of alternative route); and
- (h) all provisions of that Act that apply for the purposes of the provisions referred to in subparagraphs (a) to (g).

(3) Section 55 (notice of starting date of works) of the 1991 Act as applied by paragraph (2) has effect as if references in section 57 of that Act to emergency works included a reference to a stopping up, alteration or diversion (as the case may be) required in a case of emergency.

(4) The following provisions of the 1991 Act do not apply in relation to any works executed under the powers conferred by this Order—

- (a) section 56 (power to give directions as to timing of street works);
- (b) section 56A (power to give directions as to placing of apparatus);
- (c) section 58 (restriction on works following substantial road works);
- (d) section 58A (restriction on works following substantial street works);
- (e) section 61 (protected streets); and
- (f) schedule 3A (restriction on works following substantial street works).

### Temporary closure of streets

**10.**—(1) The undertaker, during and for the purposes of carrying out the authorised project, may temporarily close, restrict, alter or divert any street and may for any reasonable time—

- (a) divert the traffic or a class of traffic from the street; and
- (b) subject to paragraph (3), prevent persons from passing along the street.

(2) Without limiting paragraph (1), the undertaker may for the purpose of carrying out the authorised development use any street temporarily closed or restricted under the powers conferred by this article as a temporary working site.

(3) The undertaker must provide reasonable access for pedestrians going to or from premises abutting a street affected by the temporary closure, restriction, alteration or diversion of a street under this article if there would otherwise be no such access.

(4) Without limiting paragraph (1), the undertaker may temporarily close, restrict, alter or divert the streets specified in Schedule 4 (*streets to be temporarily closed or restricted*) to the extent specified by reference to the letters and numbers shown on the streets plan.

(5) The undertaker must not temporarily close, restrict, alter or divert or use as a temporary working site—

- (a) any street referred to in paragraph (4) without first consulting the street authority; and
- (b) any other street without the consent of the street authority, which may attach reasonable conditions to the consent.

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(a) Sections 55, 57, 60, 68 and 69 were amended by the Traffic Management Act 2004 (c.18).

(6) Any person who suffers loss by the suspension of any private right of way under this article is entitled to compensation to be determined, in case of dispute, under Part 1 (determination of questions of disputed compensation) of the 1961 Act.

(7) If a street authority fails to notify the undertaker of its decision within 28 days of receiving an application for consent under paragraph (5)(b) that street authority is deemed to have granted consent.

### **Closure and diversion of public rights of way**

**11.**—(1) Subject to paragraphs (2), (3), (4) and (5), the undertaker may in connection with the carrying out of the authorised project temporarily restrict, prevent use of or close each of the public rights of way specified in column (2) of Part 1 (*public rights of way to be temporarily closed*) of Schedule 5 (*closure and diversion of public rights of way*) to the extent specified in column (3), by reference to the letters shown on the public rights of way plan

(2) The rights of way specified in Part 1 (*public rights of way to be temporarily closed*) of Schedule 5 (*closure and diversion of public rights of way*) may not be temporarily closed under this article unless a diversion for the closed section of that right of way is first provided by the undertaker to the standard defined in the public rights of way management plan to be approved in accordance with the requirements set out in Schedule 2 (*requirements*) to the reasonable satisfaction of the relevant highway authority.

(3) The relevant diversion route provided under paragraph (2) will be subsequently maintained by the undertaker until the re-opening of the relevant right of way specified in paragraph (1).

(4) Any person who suffers loss by the suspension of any private right of way under this article is entitled to compensation to be determined, in case of dispute, under Part 1 (determination of questions of disputed compensation) of the 1961 Act.

(5) If a highway authority which receives an application for confirmation that an alternative public right of way is satisfactory under paragraph (2) fails to notify the undertaker of its decision before the end of the period of 28 days beginning with the date on which the application was received by that highway authority, it is deemed to have granted consent.

(6) Subject to paragraphs (7) and (8), the undertaker may in connection with the carrying out of the authorised project close each of the public rights of way specified in column (2) of Part 2 (*public rights of way to be permanently diverted*) of Schedule 5 (*closure and diversion of public rights of way*) to the extent specified in column (3), by reference to the letters shown on the public rights of way plan.

(7) No public rights of way may be closed under this article until a temporary alternative route for the passage of such traffic as could have used the public right of way has been provided and subsequently maintained by the undertaker until a permanent alternative has been provided and open to public use, which temporary alternative route must be provided to the reasonable satisfaction of the relevant highway authority, between the points specified in column (4) of Part 2 of Schedule 5.

(8) No later than 3 months from the completion of the authorised project, the undertaker must provide a permanent alternative route for any route permanently stopped up under this article, which permanent alternative route must be provided between the points specified in column (4) of Part 2 of Schedule 5 to the reasonable satisfaction of the relevant highway authority.

### **Power to alter layout, etc. of streets**

**12.**—(1) The undertaker may for the purposes of carrying out the authorised project temporarily alter the layout of, or carry out any works in, a street specified in column (2) of Part 2 (*streets subject to temporary street works*) of Schedule 3 (*streets subject to street works*) in the manner specified in relation to that street in column (3).

(2) Without limitation on the specific powers conferred by paragraph (1), but subject to paragraph (4), the undertaker may, for the purposes of constructing, operating and maintaining the authorised project, permanently or temporarily alter the layout of any street (and carry out works

ancillary to such alterations) whether or not within the Order limits and the layout of any street having a junction with such a street and, without limiting the scope of this paragraph, the undertaker may—

- (a) increase the width of the carriageway of the street by reducing the width of any footpath, footway, cycle track, central reservation or verge within the street;
- (b) alter the level or increase the width of any such street, footpath, footway, cycle track, central reservation or verge;
- (c) reduce the width of the carriageway of the street;
- (d) execute any works to widen or alter the alignment of pavements;
- (e) make and maintain crossovers and passing places;
- (f) execute any works of surfacing or resurfacing of the highway;
- (g) carry out works for the provision or alteration of parking places, loading bays and cycle tracks;
- (h) execute any works necessary to alter or provide facilities for the management and protection of pedestrians;
- (i) execute any works to provide or improve sight lines required by the highway authority;
- (j) execute and maintain any works to provide hard and soft landscaping;
- (k) carry out re-lining and placement of new temporary markings; and
- (l) remove and replace kerbs and flume ditches for the purposes of creating permanent and temporary accesses

(3) The undertaker must restore to the reasonable satisfaction of the street authority any street that has been temporarily altered under this article.

(4) The powers conferred by paragraph (2) must not be exercised without the consent of the street authority, which may attach reasonable conditions to any consent, but such consent is not to be unreasonably withheld or delayed.

(5) If a street authority which receives an application for consent under paragraph (4) fails to notify the undertaker of its decision before the end of the period of 28 days beginning with the date on which the application was received by that street authority, it is deemed to have granted consent.

### **Access to works**

13.—(1) The undertaker may, for the purposes of the authorised project—

- (a) form, lay out and maintain means of access, or improve or maintain existing means of access, in the locations specified in Schedule 6 (*access to works*); and
- (b) with the approval of the relevant planning authority after consultation with the highway authority in accordance with requirement 15 (highway accesses), form and lay out such other means of access or improve existing means of access, at such locations within the Order limits as the undertaker reasonably requires for the purposes of the authorised project.

(2) If the relevant planning authority fails to notify the undertaker of its decision within 28 days of receiving an application for approval under paragraph (1)(b) that relevant planning authority is deemed to have granted approval.

### **Agreements with street authorities**

14.—(1) A street authority and the undertaker may enter into agreements with respect to—

- (a) any temporary closure, restriction, alteration or diversion of a street authorised by this Order; or
- (b) the carrying out in the street of any of the works referred to in article 8 (*street works*).



- (2) Such an agreement may, without limiting paragraph (1):—
- (a) provide for the street authority to carry out any function under this Order that relates to the street in question;
  - (b) include an agreement between the undertaker and the street authority specifying a reasonable time for the completion of the works; and
  - (c) contain such terms as to payment and otherwise as the parties consider appropriate.

### **Use of private roads**

**15.**—(1) Subject to paragraphs (2), (3) and (4), the undertaker may use any private road within the Order limits for the passage of persons or vehicles (with or without materials, plant and machinery) for the purposes of, or in connection with, the construction and maintenance of the authorised project.

(2) The undertaker must compensate the person liable for the repair of a road to which paragraph (1) applies for any loss or damage which that person may suffer by reason of the exercise of the power conferred by paragraph (1).

(3) Any dispute as to a person's entitlement to compensation under paragraph (2), or as to the amount of such compensation, is to be determined under Part 1 (determination of questions of disputed compensation) of the 1961 Act.

(4) The undertaker may only use a private road under paragraph (1) for such time as the power to take temporary possession of the land upon which it is located under either article 30 (*temporary use of land for carrying out the authorised project*) and article 31 (*temporary use of land for maintaining the authorised project*) is capable of being exercised under those articles in relation to that land.

## **PART 4**

### **Supplemental powers**

#### **Discharge of water**

**16.**—(1) Subject to paragraphs (3) and (4) below the undertaker may use any watercourse or any public sewer or drain for the drainage of water in connection with the carrying out or maintenance of the authorised project and for that purpose may inspect, lay down, take up and alter pipes and may, on any land within the Order limits, make openings into, and connections with, the watercourse, public sewer or drain.

(2) Any dispute arising from the making of connections to or the use of a public sewer or drain by the undertaker pursuant to paragraph (1) must be determined as if it were a dispute under section 106 (right to communicate with public sewers)(a) of the Water Industry Act 1991.

(3) The undertaker must not discharge any water into a watercourse, public sewer or drain except with the consent of the person to whom it belongs; and such consent may be given subject to such terms and conditions as that person may reasonably impose, but must not be unreasonably withheld.

(4) The undertaker must not carry out any works to any public sewer or drain pursuant to paragraph (1) except—

- (a) in accordance with plans approved by the person to whom the sewer or drain belongs, but such approval must not be unreasonably withheld; and
- (b) where that person has been given the opportunity to supervise the making of the opening.

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(a) 1991 c. 56. Section 106 was amended by section 35(8) and 43(2) of and paragraph 1 of Schedule 2 to the Competition and Service (Utilities) Act 1992 (c. 43) and sections 36(2) and 99 of the Water Act 2003 (c. 37).

(5) The undertaker must take such steps as are reasonably practicable to secure that any water discharged into a watercourse or public sewer or drain pursuant to this article is as free as may be practicable from gravel, soil or other solid substance, oil or matter in suspension.

(6) The undertaker must not, in carrying out or maintaining works pursuant to this article damage or interfere with the bed or banks of any watercourse forming part of a main river as defined under section 113(1) of the Water Resources Act 1991.

(7) Nothing in this article overrides the requirement for an environmental permit under Regulation 12(1)(b) (requirement for an environmental permit) of the 2016 Regulations insofar as the discharge activity comes within the definition contained within the 2016 Regulations.

(8) In this article—

- (a) “public sewer or drain” means a sewer or drain that belongs to the Environment Agency, a relevant drainage authority, a local authority or a sewerage undertaker; and
- (b) other expressions, excluding watercourse, used both in this article and in the Water Resources Act 1991 have the same meaning as in that Act.

(9) If a person who receives an application for consent or approval fails to notify the undertaker of a decision within 28 days of receiving an application for consent under paragraph (3) or approval under paragraph (4)(a) that person is deemed to have granted consent or given approval, as the case may be.

### **Protective work to buildings**

17.—(1) Subject to the provisions of this article, the undertaker may at its own expense carry out such protective works to any building within the Order limits as the undertaker considers necessary or expedient.

(2) Protective works may be carried out—

- (a) at any time before or during the carrying out in the vicinity of the building of any part of the authorised project; or
- (b) after the completion of that part of the authorised project in the vicinity of the building at any time up to the end of the period of five years beginning with the day on which that part of the authorised project is brought into commercial operation.

(3) For the purpose of determining how the powers under this article are to be exercised the undertaker may enter and survey any building falling within paragraph (1) and any land within its curtilage.

(4) For the purpose of carrying out protective works under this article to a building the undertaker may (subject to paragraphs (5) and (6))—

- (a) enter the building and any land within its curtilage; and
- (b) where the works cannot be carried out reasonably conveniently without entering land that is adjacent to the building but outside its curtilage, enter the adjacent land (but not any building erected on it).

(5) Before exercising—

- (a) a right under paragraph (1) to carry out protective works to a building;
- (b) a right under paragraph (3) to enter a building and land within its curtilage;
- (c) a right under paragraph (4)(a) to enter a building and land within its curtilage; or
- (d) a right under paragraph (4)(b) to enter land;

the undertaker must, except in the case of emergency, serve on the owners and occupiers of the building or land not less than 14 days' notice of its intention to exercise that right and, in a case falling within sub-paragraph (a), (c) or (d), the notice must specify the protective works proposed to be carried out.

(6) Where a notice is served under sub-paragraph (5)(a), (c) or (d), the owner or occupier of the building or land concerned may, by serving a counter-notice within 10 days beginning with the day on which the notice was served, require the question of whether it is necessary or expedient to

carry out the protective works or to enter the building or land to be referred to arbitration under article 47 (*arbitration*).

(7) The undertaker must compensate the owners and occupiers of any building or land in relation to which powers under this article have been exercised for any loss or damage arising to them by reason of the exercise of the powers.

(8) Where—

- (a) protective works are carried out under this article to a building; and
- (b) within the period of five years beginning with the day on which the part of the authorised project carried out in the vicinity of the building is brought into commercial operation it appears that the protective works are inadequate to protect the building against damage caused by the carrying out or use of that part of the authorised project;

the undertaker must compensate the owners and occupiers of the building for any loss or damage sustained by them.

(9) Nothing in this article relieves the undertaker of any liability to pay compensation under section 152 (compensation in case where no right to claim in nuisance) of the 2008 Act.

(10) Any compensation payable under paragraph (7) or (8) must be determined, in case of dispute, under Part 1 (determination of questions of disputed compensation) of the 1961 Act.

(11) Section 13 (refusal to give possession to acquiring authority) of the 1965 Act<sup>(a)</sup> applies to the entry onto land under this article to the same extent as it applies in respect of the compulsory acquisition of land under this Order by virtue of section 125 (application of compulsory acquisition provisions) of the 2008 Act .

(12) In this article, “protective works”, in relation to a building, means—

- (a) underpinning, strengthening and any other works the purpose of which is to prevent damage that may be caused to the building by the carrying out, maintenance or use of the authorised project; and
- (b) any works, the purpose of which is to remedy any damage that has been caused to the building by the carrying out, maintenance or use of the authorised project.

### **Authority to survey and investigate land onshore**

**18.—**(1) The undertaker may for the purposes of this Order enter on any land within the Order limits or land which may be affected by the authorised project and—

- (a) survey or investigate the land;
- (b) without limiting sub-paragraph (a), make trial holes and bore holes in such positions on the land as the undertaker thinks fit to investigate the nature of the surface layer, subsoil and groundwater and remove soil and groundwater samples;
- (c) without limiting sub-paragraph (a), carry out ecological or archaeological investigations on the land, including the digging of trenches, test pits, or environmental monitoring; and
- (d) place on, leave on and remove from the land apparatus for use in connection with the survey and investigation of land and the making of trial holes.

(2) No land may be entered or equipment placed or left on or removed from the land under paragraph (1) unless at least 14 days’ notice has been served on every owner and occupier of the land. If the undertaker proposes to do any of the following, the notice must include details of what is proposed:—

- (a) searching, boring or excavating;
- (b) leaving apparatus on the land; and
- (c) taking samples.

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(a) Section 13 was amended by section 139 of, and paragraph 28(2) of Schedule 13 and paragraph 1 of Schedule 23 to, the Tribunals, Courts and Enforcement Act 2007 (c. 15).

- (3) Any person entering land under this article on behalf of the undertaker—
- (a) must, if so required before or after entering the land, produce written evidence of their authority to do so; and
  - (b) may take with them such vehicles and equipment as are necessary to carry out the survey or investigation or to make the trial holes.
- (4) No trial holes, trenches or test pits may be made under this article—
- (a) in land forming a railway without the consent of Network Rail<sup>(a)</sup>;
  - (b) in land held by or in right of the Crown without the consent of the Crown;
  - (c) in land located within the highway boundary without the consent of the highway authority; or
  - (d) in a private street without the consent of the street authority;

but such consent must not be unreasonably withheld or delayed.

(5) After completion of the activities being undertaken pursuant to this article, any apparatus must be removed as soon as practicable, and the land must be restored to its original condition.

(6) The undertaker must compensate the owners and occupiers of the land for any loss or damage arising by reason of the exercise of the powers conferred by this article, such compensation to be determined, in case of dispute, under Part 1 (determination of questions of disputed compensation) of the 1961 Act.

(7) This article applies in relation to the onshore works and Work Nos. 8A, 8B, 9A and 9B only.

(8) If either a highway authority or a street authority which receives an application for consent fails to notify the undertaker of its decision within 28 days of receiving the application for consent—

- (a) under paragraph (4)(c) in the case of a highway authority; or
- (b) under paragraph (4)(d) in the case of a street authority;

that authority is deemed to have granted consent.

(9) Section 13 (refusal to give possession to acquiring authority) of the 1965 Act applies to the entry onto land under this article to the same extent as it applies to the compulsory acquisition of land under this Order by virtue of section 125 (application of compulsory acquisition provisions) of the 2008 Act.

### **Removal of human remains**

**19.—**(1) In this article, “specified land” means the land within the onshore Order limits as shown on the onshore order limits and grid coordinates plan.

(2) Before the undertaker carries out any development or works that disturb or may disturb any human remains in the specified land, it must remove the human remains from the specified land, or cause them to be removed, in accordance with the following provisions of this article.

(3) Subject to paragraph (12), before any such remains are removed from the specified land, the undertaker must give notice of the intended removal, describing the specified land and stating the general effect of the following provisions of this article, by—

- (a) publishing a notice in two successive weeks in a newspaper circulating in the area of the authorised project; and
- (b) displaying a notice in a conspicuous place on or near to the specified land.

(4) As soon as reasonably practicable after the first publication of a notice under paragraph (3), the undertaker must send a copy of the notice to the relevant planning authority.

(5) At any time within 56 days after the first publication of a notice under paragraph (3), any person who is a personal representative or relative of any deceased person whose remains are

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(a) As defined in Part 3 of Schedule 14 (For the Protection of Network Rail Infrastructure Limited).

interred in the specified land may give notice in writing to the undertaker of that person's intention to undertake the removal of the remains.

(6) Where a person has given notice under paragraph (5), and the remains in question can be identified, the person must cause such remains to be—

- (a) removed and re-interred in any burial ground or cemetery in which burials may legally take place; or
- (b) removed to, and cremated in, any crematorium;

and the person must, as soon as reasonably practicable after such re-interment or cremation, provide to the undertaker a certificate for the purpose of enabling compliance with paragraph (11).

(7) If the undertaker is not satisfied that any person giving notice under paragraph (5) is the personal representative or relative as that person claims to be, or that the remains in question can be identified, the question must be determined on the application of either party in a summary manner by the county court, and the court may make an order specifying who must remove the remains and as to the payment of the costs of the application.

(8) The undertaker must pay the reasonable expenses of removing and re-interring or cremating the remains of any deceased person under this article.

(9) If—

- (a) within the period of 56 days referred to in paragraph (5) no notice under that paragraph is given to the undertaker in respect of any remains in the specified land;
- (b) notice under paragraph (5) is given and no application is made under paragraph (7) within 56 days after the giving of the notice, but the person who gave the notice fails to remove the remains within a further period of 56 days;
- (c) within 56 days after any order is made by the county court under paragraph (7) any person, other than the undertaker, specified in the order fails to remove the remains; or
- (d) it is determined that the remains to which a notice under paragraph (5) relates cannot be identified;

subject to paragraph (10), the undertaker must remove the remains and cause them to be re-interred in such burial ground or cemetery in which burials may legally take place as the undertaker thinks suitable for the purpose; and, so far as possible, remains from individual graves are to be re-interred in individual containers which are to be identifiable by a record prepared with reference to the original position of burial of the remains that they contain.

(10) If the undertaker is satisfied that any person giving notice under paragraph (5) is the personal representative or relative as the person claims to be and that the remains in question can be identified, but the person does not remove the remains, the undertaker must comply with any reasonable request that the person makes in relation to the removal and re-interment or cremation of the remains.

(11) On the re-interment or cremation of any remains under this article—

- (a) a certificate of re-interment or cremation must be sent to the Registrar-General by the undertaker giving the date of re-interment or cremation and identifying the place from which the remains were removed and the place in which they were re-interred or cremated; and
- (b) a copy of the certificate of re-interment or cremation and of the record mentioned in paragraph (9) must be sent by the undertaker to the relevant planning authority.

(12) No notice is required under paragraph (3) before the removal of any human remains where the undertaker is satisfied—

- (a) that the remains were interred more than 100 years ago; and
- (b) that no relative or personal representative of the deceased is likely to object to the remains being removed in accordance with this article.

(13) In the case of remains in relation to which paragraph (12) applies, the undertaker—

- (a) may remove the remains;

- (b) must apply for direction from the Secretary of State for Justice under paragraph (14) as to their subsequent treatment; and
- (c) must deal with the remains such manner, and subject to such conditions, as the Secretary of State directs.

(14) The removal of the remains of any deceased person under this article must be carried out in accordance with any directions given by the Secretary of State.

(15) Any jurisdiction or function conferred on the county court by this article may be exercised by the district judge of the court.

(16) Section 25 (offence of removal of body from burial ground) of the Burial Act 1857(a) does not apply to a removal carried out in accordance with this article.

## PART 5

### Powers of acquisition

#### Compulsory acquisition of land

**20.**—(1) DBSEL, with the consent of DBSWL such consent not to be unreasonably withheld, may acquire compulsorily so much of the Order land as is required for the DBS East works, or to facilitate, or is incidental to, the construction, operation and maintenance of the DBS East works.

(2) DBSWL, with the consent of DBSEL such consent not to be unreasonably withheld, may acquire compulsorily so much of the Order land as is required for the DBS West works, or to facilitate, or is incidental to, the construction, operation and maintenance of the DBS West works.

(3) If the undertaker whose consent is required under paragraph (1) or (2) fails to notify the undertaker requesting consent of its decision within 28 days of receiving an application for consent, the first mentioned undertaker is deemed to have given consent.

(4) This article is subject to—

- (a) article 21 (time limit for exercise of authority to acquire land compulsorily);
- (b) paragraph (3) of article 22 (compulsory acquisition of rights);
- (c) article 26 (acquisition of subsoil or airspace only);
- (d) paragraph (8) of article 30 (temporary use of land for carrying out the authorised project);
- (e) article 41 (*crown rights*); and
- (f) Schedule 15 (protective provisions)

#### Time limit for exercise of authority to acquire land compulsorily

**21.**—(1) After the end of the period of 7 years beginning on the day on which this Order is made—

- (a) no notice to treat may be served under Part 1 (compulsory purchase under the Acquisition of Land Act of 1946) of the 1965 Act; and
- (b) no declaration may be executed under section 4(b) (execution of declaration) of the 1981 Act as applied by article 24 (*application of the 1981 Act*).

(2) The authority conferred by article 30 (*temporary use of land for carrying out the authorised project*) ceases at the end of the period referred to in paragraph (1), but nothing in this paragraph prevents the undertaker remaining in possession of land after the end of that period if the land was entered, and possession was taken, before the end of that period.

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(a) 1857 c. 81. Section 25 was substituted by section 2 of the Church of England (Miscellaneous Provisions) Measure 2014 (2014 No. 1) and amended by paragraph 1 of Schedule 3 to the Ecclesiastical Jurisdiction and Care of Churches Measure 2018 (2018 No. 3).

(b) Amended by sections 184 and 185 of and paragraph 2 of Schedule 18 to the Housing and Planning Act 2016 (c. 22).

## **Compulsory acquisition of rights**

22.—(1) Subject to paragraph (3), DBSEL may, with the consent of DBSWL such consent not to be unreasonably withheld, acquire compulsorily such rights or impose such restrictive covenants over the Order land as may be required for any purpose for which that land may be acquired under article 20 (*compulsory acquisition of land*), by creating them as well as by acquiring rights already in existence.

(2) Subject to paragraph (3), DBSWL may, with the consent of DBSEL such consent not to be unreasonably withheld, acquire compulsorily such rights or impose such restrictive covenants over the Order land as may be required for any purpose for which that land may be acquired under article 20 (*compulsory acquisition of land*), by creating them as well as by acquiring rights already in existence.

(3) Subject to the provisions of this paragraph, article 23 (*private rights over land*) and article 32 (*statutory undertakers*), in the case of the Order land specified in column (1) of Schedule 7 (*land in which only new rights, etc. may be acquired*), the powers of compulsory acquisition conferred by this Order are limited to the acquisition by the undertaker referred to in the corresponding entry in column (2) of that Schedule of such new rights and the imposition of restrictive covenants as may be required for the purpose specified in relation to that land in column (2) of that Schedule and as described in the book of reference.

(4) Subject to section 8 (other provisions as to divided land) of and Schedule 2A (counter-notice requiring purchase of land not in notice to treat) to the 1965 Act (as substituted by paragraph 5(8) of Schedule 8 (modification of compensation and compulsory purchase enactments for creation of new rights and imposition of restrictive covenants), where the undertaker acquires a right over the Order land or imposes a restrictive covenant, or acquires an existing right over land or the benefit of a restrictive covenant already in existence under this article, the undertaker is not required to acquire a greater interest in that land.

(5) Schedule 8 (Modification of compensation and compulsory purchase enactments for creation of new rights and imposition of restrictive covenants) of this Order has effect for the purpose of modifying the enactments relating to compensation and the provisions of the 1965 Act in their application in relation to the compulsory acquisition under this Order of a right over land by the creation of a new right or the imposition of a restrictive covenant.

(6) In any case where the acquisition of new rights or the imposition of restrictive covenants under paragraphs (1) or (2) is required for the purposes of diverting, replacing or protecting apparatus of a statutory undertaker, the undertaker may, with the consent of the Secretary of State, transfer the power to acquire such rights to the statutory undertaker in question.

(7) The exercise by a statutory undertaker of any power in accordance with a transfer under paragraph (6) is subject to the same restrictions, liabilities and obligations as would apply under this Order if that power were exercised by the undertaker.

## **Private rights over land**

23.—(1) Subject to the provisions of this article, all private rights over land subject to compulsory acquisition under article 20 (*compulsory acquisition of land*) are extinguished—

- (a) from the date of acquisition of the land by the undertaker, whether compulsorily, by agreement or through the grant of a lease of the land by agreement; or
- (b) on the date of entry on the land by the undertaker under section 11(1) (powers of entry) of the 1965 Act ;

whichever is the earlier.

(2) Subject to the provisions of this article, all private rights or restrictive covenants over land subject to the compulsory acquisition of rights or the imposition of restrictive covenants under article 22 (*compulsory acquisition of rights*) are extinguished in so far as their continuance would be inconsistent with the exercise of the right or the burden of the restrictive covenant—

- (a) from the date of the acquisition of the right or the imposition of the restrictive covenant by the undertaker, whether compulsorily or by agreement; or

- (b) on the date of entry on the land by the undertaker under section 11(1) (powers of entry) of the 1965 Act in pursuance of the right;

whichever is the earlier.

(3) Subject to the provisions of this article, all private rights or restrictive covenants over land of which the undertaker takes temporary possession under this Order are suspended and unenforceable, in so far as their continuance would be inconsistent with the purpose for which temporary possession is taken, for as long as the undertaker remains in lawful possession of the land.

(4) Any person who suffers loss by the extinguishment or suspension of any private right under this article is entitled to compensation in accordance with the terms of section 152 (compensation in case where no right to claim in nuisance) of the 2008 Act to be determined, in case of dispute, under Part 1 (determination of questions of disputed compensation) of the 1961 Act.

(5) This article does not apply in relation to any right to which section 138 (extinguishment of rights, and removal of apparatus, of statutory undertakers etc.) of the 2008 Act or article 32 (*statutory undertakers*) applies.

(6) Paragraphs (1) to (3) have effect subject to—

(a) any notice given by the undertaker before—

- (i) the completion of the acquisition of the land or the acquisition of rights or the imposition of restrictive covenants over or affecting the land;
- (ii) the undertaker's appropriation of the land;
- (iii) the undertaker's entry onto the land; or
- (iv) the undertaker's taking temporary possession of the land;

that any or all of those paragraphs do not apply to any right specified in the notice; or

(b) any agreement made at any time between the undertaker and the person in or to whom the right or restrictive covenant in question is vested or belongs.

(7) If an agreement referred to in paragraph (6)(b)—

(a) is made with a person in or to whom the right or restrictive covenant is vested or belongs; and

(b) is expressed to have effect also for the benefit of those deriving title from or under that person;

the agreement is effective in respect of the persons so deriving title, whether the title was derived before or after the making of the agreement.

(8) References in this article to private rights over land include any trust, incident, easement, liberty, privilege, right or advantage to which the land is subject.

### **Application of the 1981 Act**

**24.—**(1) The 1981 Act applies as if this Order were a compulsory purchase order.

(2) The 1981 Act, as applied by paragraph (1), has effect with the following modifications.

(3) In section 1 (application of act), for subsection 2, substitute—

“(2) This section applies to any Minister, any local or other public authority or any other body or person authorised to acquire land by means of a compulsory purchase order.”.

(4) In section 5(2) (earliest date for execution of declaration) omit the words from “, and this subsection” to the end.

(5) Section 5A (time limit for general vesting declaration) is omitted.

(6) In section 5B (extension of time limit during challenge) for “section 23 of the Acquisition of Land Act 1981 (application to High Court in respect of compulsory purchase order), the three year period mentioned in section 5A” substitute “section 118 of the Planning Act 2008 (legal challenges relating to applications for orders granting development consent) the seven year period



mentioned in article 21 (*time limit for exercise of authority to acquire land compulsorily*) of the Dogger Bank South East and West Offshore Wind Farms Order 202[X]”.

(7) In section 6 (notices after execution of declaration), in subsection (1)(b), for “section 15 of, or paragraph 6 of Schedule 1 to, the Acquisition of Land Act 1981” substitute “section 134 (notice of authorisation of compulsory acquisition) of the Planning Act 2008”.

(8) In section 7 (constructive notice to treat), in subsection (1)(a), omit “(as modified by section 4 of the Acquisition of Land Act 1981)”.

(9) In Schedule A1 (counter-notice requiring purchase of land not in general vesting declaration), for paragraph 1(2) substitute—

“(2) But see article 26 (acquisition of subsoil or airspace only) of the Dogger Bank South East and West Offshore Wind Farms Order 202[X], which excludes the acquisition of subsoil or airspace only from this Schedule.”.

(10) References to the 1965 Act in the 1981 Act must be construed as references to the 1965 Act as applied by section 125 (application of compulsory acquisition provisions) of the 2008 Act (and as modified by article 28 (modification of Part 1 of the 1965 Act)) to the compulsory acquisition of land under this Order.

### **Statutory authority to override easements and other rights**

**25.**—(1) The carrying out or use of the authorised project and the doing of anything else authorised by this Order is authorised for the purpose specified in section 158(2) (nuisance: statutory authority) of the 2008 Act, despite it involving—

- (a) an interference with an interest or right to which this article applies; or
- (b) a breach of a restriction as to use of land arising by virtue of contract.

(2) The undertaker must pay compensation to any person whose land is injuriously affected by—

- (a) an interference with an interest or right to which this article applies; or
- (b) a breach of a restriction as to use of land arising by virtue of contract, caused by the carrying out or use of the authorised development and the operation of section 158 of the 2008 Act.

(3) The interests and rights to which this article applies are any easement, liberty, privilege, right or advantage annexed to land and adversely affecting other land, including any natural right to support and any restrictions as to the use of land arising by virtue of a contract.

(4) Subsection (2) of section 10 (further provision as to compensation for injurious affection) of the 1965 Act applies to paragraph (2) by virtue of section 152(5) (compensation in case where no right to claim in nuisance) of the 2008 Act.

(5) Any rule or principle applied to the construction of section 10 (further provision as to compensation for injurious affection) of the 1965 Act must be applied to the construction of paragraph (2) with any necessary modifications

### **Acquisition of subsoil or airspace only**

**26.**—(1) DBSEL may, with the consent of DBSWL such consent not to be unreasonably withheld, acquire compulsorily so much of, or such rights in, the subsoil of or the airspace over the land referred to in paragraph (1) of article 20 (*compulsory acquisition of land*) or article 22 (*compulsory acquisition of rights*) as may be required for any purpose for which that land may be acquired under that provision instead of acquiring the whole of the land.

(2) DBSWL may, with the consent of DBSEL such consent not to be unreasonably withheld, acquire compulsorily so much of, or such rights in, the subsoil of or the airspace over the land referred to in paragraph (2) of article 20 (*compulsory acquisition of land*) or article 22 (*compulsory acquisition of rights*) as may be required for any purpose for which that land may be acquired under that provision instead of acquiring the whole of the land.

(3) Where the undertaker acquires any part of, or rights in, the subsoil of or the airspace over land under paragraph (1) or (2), the undertaker is not required to acquire an interest in any other part of the land.

(4) The following do not apply in connection with the exercise of the power under paragraph (1) or (2) in relation to subsoil or airspace only—

- (a) Schedule 2A (counter-notice requiring purchase of land not in notice to treat) to the 1965 Act;
- (b) Schedule A1 (counter-notice requiring purchase of land not in general vesting declaration) to the 1981 Act; and
- (c) Section 153(4A) (reference of objection to Upper Tribunal: general) of the 1990 Act.

(5) Paragraphs (3) and (4) do not apply where the undertaker acquires a cellar, vault, arch or other construction forming part of a house, building or manufactory or airspace above a house, building or manufactory.

### **Compulsory acquisition of land: minerals**

27. Parts 2 and 3 of Schedule 2 (minerals) to the Acquisition of Land Act 1981(a) are incorporated in this Order, subject to the following modifications—

- (a) paragraph 8(3) is not incorporated;
- (b) for “acquiring authority” substitute “undertaker”;
- (c) for “undertaking” substitute “authorised project”; and
- (d) for “compulsory purchase order” substitute “this Order”.

### **Modification of Part 1 of the 1965 Act**

28.—(1) Part 1 (compulsory purchase under Acquisition of Land Act of 1946) of the 1965 Act, as applied to this Order by section 125 (application of compulsory acquisition provisions) of the 2008 Act, is modified as follows.

(2) In section 4A(1) (extension of time limit during challenge) for “section 23 of the Acquisition of Land Act 1981 (application to High Court in respect of compulsory purchase order), the three year period mentioned in section 4” substitute “section 118 of the Planning Act 2008 (legal challenges relating to applications for orders granting development consent), the seven year period mentioned in article 21 (*time limit for exercise of authority to acquire land compulsorily*) of the Dogger Bank South East and West Offshore Wind Farms Order 202[X]”.

(3) In section 11A (powers of entry: further notice of entry)—

- (a) in subsection (1)(a), after “land” insert “under that provision”; and
- (b) in subsection (2), after “land” insert “under that provision”.

(4) In section 22(2) (interests omitted from purchase), for “section 4 of this Act” substitute “article 21 (time limit for exercise of authority to acquire land compulsorily) of the Dogger Bank South East and West Offshore Wind Farms Order 202[X]”.

(5) In Schedule 2A (counter-notice requiring purchase of land not in notice to treat)—

- (a) for paragraphs 1(2) and 14(2) substitute—

“(2) But see article 26(4) (acquisition of subsoil or airspace only) of the Dogger Bank South East and West Offshore Wind Farms Order 202[X], which excludes the acquisition of subsoil or airspace only from this Schedule”; and
- (b) at the end insert—

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(a) 1981 c.67

## “PART 4

### INTERPRETATION

**30.** In this Schedule, references to entering on and taking possession of land do not include doing so under article 17 (protective work to buildings), article 30 (temporary use of land for carrying out the authorised project) or article 31 (temporary use of land for maintaining the authorised project) of the Dogger Bank South East and West Offshore Wind Farms Order 202[X].”.

#### **Rights under or over streets**

**29.**—(1) The undertaker may enter on and appropriate so much of the subsoil of or airspace over any street within the Order limits as may be required for the purposes of the authorised project and may use the subsoil or airspace for those purposes or any other purpose ancillary to the authorised project.

(2) Subject to paragraph (3), the undertaker may exercise any power conferred by paragraph (1) in relation to a street without being required to acquire any part of the street or any easement or right in the street.

(3) Paragraph (2) does not apply in relation to—

- (a) any subway or underground building; or
- (b) any cellar, vault, arch or other construction in, on or under a street that forms part of a building fronting onto the street.

(4) Subject to paragraph (5), any person who is an owner or occupier of land appropriated under paragraph (1) without the undertaker acquiring any part of that person’s interest in the land, and who suffers loss as a result, is entitled to compensation to be determined, in case of dispute, under Part 1 (determination of questions of disputed compensation) of the 1961 Act.

(5) Compensation is not payable under paragraph (4) to any person who is an undertaker to whom section 85 (sharing of cost of necessary measures) of the 1991 Act applies in respect of measures of which the allowable costs are to be borne in accordance with that section.

#### **Temporary use of land for carrying out the authorised project**

**30.**—(1) The undertaker may, in connection with the carrying out of the authorised project—

- (a) enter on and take temporary possession of—
  - (i) the land specified in column (1) of Schedule 9 (*land of which only temporary possession may be taken*) for the purpose specified in relation to that land in column (2) of that Schedule; and
  - (ii) any other Order land in respect of which no notice of entry has been served under section 11 (powers of entry) of the 1965 Act (other than in connection with the acquisition of rights only) and no declaration has been made under section 4 (execution of declaration) of the 1981 Act;
- (b) remove any buildings, agricultural plant and apparatus, drainage, fences, debris and vegetation from that land;
- (c) construct temporary works (including the provision of means of access), haul roads, security fencing, bridges, structures and buildings on that land;
- (d) use the land for the purposes of a working site with access to the working site in connection with the authorised project;
- (e) construct any works, or use the land, as specified in relation to that land in column (1) of Schedule 9, or any mitigation works;
- (f) construct such works on that land as are mentioned in Part 1 (authorised development) of Schedule 1 (authorised project); and

(g) carry out mitigation works required pursuant to the requirements in Part 1 of Schedule A2.

(2) Not less than 28 days before entering on and taking temporary possession of land under this article, the undertaker must serve notice of the intended entry on the owners and occupiers of the land.

(3) The undertaker must not remain in possession of the land under this agreement for longer than is reasonably necessary and in any event, without the agreement of the owners of the land, remain in possession of any land under this article—

(a) in the case of land specified in paragraph (1)(a)(i) after the end of the period of one year beginning with the date of completion of the part of the authorised project specified in relation to that land in column (3) of Schedule 9; or

(b) in the case of land specified in paragraph (1)(a)(ii) after the end of the period of one year beginning with the date of completion of the part of the authorised project for which temporary possession of the land was taken unless the undertaker has, before the end of that period, served a notice of entry under section 11 (powers of entry) of the 1965 Act or made a declaration under section 4 (execution of declaration) of the 1981 Act in relation to that land.

(4) Unless the undertaker has served notice of entry under section 11 (powers of entry) of the 1965 Act or made a declaration under section 4 (execution of declaration) of the 1981 Act or otherwise acquired the land or rights over land subject to temporary possession, the undertaker must before giving up possession of land of which temporary possession has been taken under this article, remove all temporary works and restore the land to the reasonable satisfaction of the owners of the land; but the undertaker is not required to—

(a) replace any building, structure, drain or electric line removed under this article;

(b) remove any drainage works including culverts installed by the undertaker under this article;

(c) remove any new road surface or other improvements carried out under this article to any street specified in Schedule 3 (streets subject to street works) or any new footpath surface carried out under this article to any footpath or any improvements carried out under this article to any bridge; or

(d) restore the land on which any works have been carried out under paragraph (1)(g) in so far as the works relate to mitigation works identified in the environmental statement or required pursuant to the requirements in Schedule 2.

(5) The undertaker must pay compensation to the owners and occupiers of land of which temporary possession is taken under this article for any loss or damage arising from the exercise in relation to the land of any power conferred by this article.

(6) Any dispute as to a person's entitlement to compensation under paragraph (5), or as to the amount of the compensation, must be determined under Part 1 (determination of questions of disputed compensation) of the 1961 Act.

(7) Nothing in this article affects any liability to pay compensation under section 152 (compensation in case where no right to claim in nuisance) of the 2008 Act or under any other enactment in respect of loss or damage arising from the carrying out of the authorised project, other than loss or damage for which compensation is payable under paragraph (5).

(8) The undertaker may not compulsorily acquire under this Order new rights over or impose restrictive covenants over the land referred to in paragraph (1)(a)(i).

(9) Where the undertaker takes possession of land under this article, the undertaker is not required to acquire the land or any interest in it.

(10) Section 13 (refusal to give possession to acquiring authority) of the 1965 Act applies to the temporary use of land pursuant to this article to the same extent as it applies to the compulsory acquisition of land under this Order by virtue of section 125 (application of compulsory acquisition provisions) of the 2008 Act.

## Temporary use of land for maintaining the authorised project

**31.**—(1) Subject to paragraph (2), at any time during the maintenance period relating to any part of the authorised project, the undertaker may—

- (a) enter on and take temporary possession of any land within the Order limits if such possession is reasonably required for the purpose of maintaining the authorised project;
- (b) construct such temporary works (including the provision of means of access) and buildings on the land as may be reasonably necessary for that purpose; and
- (c) enter on and take temporary possession of any land within the Order limits required to gain access for the purpose of maintaining the authorised project.

(2) Paragraph (1) does not authorise the undertaker to take temporary possession of—

- (a) any house or garden belonging to a house; or
- (b) any building (other than a house) if it is for the time being occupied.

(3) Not less than 28 days before entering on and taking temporary possession of land under this article the undertaker must serve notice of the intended entry on the owners and occupiers of the land.

(4) The undertaker may only remain in possession of land under this article for so long as may be reasonably necessary to carry out the maintenance of the part of the authorised project for which possession of the land was taken.

(5) Before giving up possession of land of which temporary possession has been taken under this article the undertaker must remove all temporary works and restore the land to the reasonable satisfaction of the owners of the land.

(6) The undertaker must pay compensation to the owners and occupiers of land of which temporary possession is taken under this article for any loss or damage arising from the exercise in relation to the land of the provisions of this article.

(7) Any dispute as to a person's entitlement to compensation under paragraph (6), or as to the amount of the compensation, must be determined under Part 1 (determination of questions of disputed compensation) of the 1961 Act.

(8) Nothing in this article affects any liability to pay compensation under section 152 (compensation in case where no right to claim in nuisance) of the 2008 Act or under any other enactment in respect of loss or damage arising from the maintenance of the authorised project, other than loss or damage for which compensation is payable under paragraph (6).

(9) Where the undertaker takes possession of land under this article, the undertaker is not required to acquire the land or any interest in it.

(10) Section 13 (refusal to give possession to acquiring authority) of the 1965 Act applies to the temporary use of land pursuant to this article to the same extent as it applies to the compulsory acquisition of land under this Order by virtue of section 125 (application of compulsory acquisition provisions) of the 2008 Act.

(11) In this article “the maintenance period” means—

- (a) in relation to the maintenance of any tree, hedge or shrub planted as part of an approved landscape management plan the relevant period referred to in requirement 11(2); and
- (b) in relation to any other part of the authorised project, means the period of five years beginning with the date on which that part of the authorised project is brought into commercial operation.

## Statutory undertakers

**32.**—(1) Subject to the provisions of article 45 (*protective provisions*) and schedule 15 (protective provisions), the undertaker may—

- (a) acquire compulsorily, or acquire new rights or impose restrictive covenants over, the land belonging to statutory undertakers shown on the land plans within the Order limits and as described in the book of reference; and

- (b) extinguish or suspend the rights of or the restrictions for the benefit of or remove, relocate or reposition apparatus belonging to, statutory undertakers, over or within the Order limits.

### **Recovery of costs of new connections**

33.—(1) Where any apparatus of a public utility undertaker or of a public communications provider is removed under article 32 (*statutory undertakers*), any person who is the owner or occupier of premises to which a supply was given from that apparatus is entitled to recover from the undertaker compensation in respect of expenditure reasonably incurred by that person, in consequence of the removal, for the purpose of effecting a connection between the premises and any other apparatus from which a supply is given.

(2) Paragraph (1) does not apply in the case of the removal of a public sewer, but where such a sewer is removed under article 32, any person who is—

- (a) the owner or occupier of premises the drains of which communicated with that sewer; or
- (b) the owner of a private sewer that communicated with that sewer;

is entitled to recover from the undertaker compensation in respect of expenditure reasonably incurred by that person, in consequence of the removal, for the purpose of making the drain or sewer belonging to that person communicate with any other public sewer or with a private sewage disposal plant.

(3) This article does not have effect in relation to apparatus to which Part 3 (street works in England and Wales) of the 1991 Act applies.

(4) In this article “public utility undertaker” has the same meaning as in section 329 (further provision as to interpretation) of the 1980 Act.

## **PART 6**

### **Operations**

#### **Operation of generating station**

34.—(1) The undertaker is authorised to operate the generating station comprised in the authorised development.

(2) Paragraph (1) does not relieve the undertaker of any requirement to obtain any permit or licence under any other legislation that may be required from time to time to authorise the operation of an electricity generating station.

#### **Deemed marine licences under the 2009 Act**

35.—(1) The following marine licences are deemed to have been granted to DBSEL under Part 4 (marine licensing) of the 2009 Act for the licensed activities specified in Part 1 of each licence and subject to the conditions specified in Part 2 of each licence—

- (a) Deemed Marine Licence 1 (set out in Schedule 10); and
- (b) Deemed Marine Licence 3 (set out in Schedule 12).

(2) The following marine licences are deemed to have been granted to DBSWL under Part 4 (marine licensing) of the 2009 Act for the licensed activities specified in Part 1 of each licence and subject to the conditions specified in Part 2 of each licence—

- (a) Deemed Marine Licence 2 (set out in Schedule 11); and
- (b) Deemed Marine Licence 4 (set out in Schedule 13).

(3) Deemed Marine Licence 5 (set out in Schedule 14) is deemed to have been granted to the undertaker under Part 4 (marine licensing) of the 2009 Act for the licensed activities specified in Part 1 of the licence and subject to the conditions specified in Part 2 of the licence.

## PART 7

### Miscellaneous and general

#### Application of landlord and tenant law

36.—(1) This article applies to—

- (a) any agreement for leasing to any person the whole or any part of the authorised project or the right to operate the same; and
- (b) any agreement entered into by the undertaker with any person for the construction, maintenance, use or operation of the authorised project, or any part of it;

so far as the agreement relates to the terms on which any land that is the subject of a lease granted by or under that agreement is to be provided for that person's use.

(2) No enactment or rule of law regulating the rights and obligations of landlords and tenants prejudices the operation of any agreement to which this article applies.

(3) Accordingly, no such enactment or rule of law applies in relation to the rights and obligations of the parties to any lease granted by or under any such agreement so as to—

- (a) exclude or in any respect modify any of the rights and obligations of those parties under the terms of the lease, whether with respect to the termination of the tenancy or any other matter;
- (b) confer or impose on any such party any right or obligation arising out of or connected with anything done or omitted on or in relation to land that is the subject of the lease, in addition to any such right or obligation provided for by the terms of the lease; or
- (c) restrict the enforcement (whether by action for damages or otherwise) by any party to the lease of any obligation of any other party under the lease.

#### Operational land for purposes of the 1990 Act

37. Development consent granted by this Order is treated as specific planning permission for the purposes of section 264(3)(a) (cases in which land is to be treated as not being operational land) of the 1990 Act.

#### Felling or lopping of trees and removal of hedgerows

38.—(1) Subject to article 39 (*trees subject to tree preservation orders*) the undertaker may fell or lop, or cut back the roots of, any tree or shrub within or overhanging land within the Order limits or near any part of the authorised project if the undertaker reasonably believes it to be necessary to do so to prevent the tree or shrub from obstructing or interfering with the construction, maintenance or operation of the authorised project or any apparatus used in connection with the authorised project.

(2) In carrying out any activity authorised by paragraph (1), the undertaker must not do any unnecessary damage to any tree or shrub and must pay compensation to any person for any loss or damage arising from such activity.

(3) Any dispute as to a person's entitlement to compensation under paragraph (2), or as to the amount of compensation, must be determined under Part 1 (determination of questions of disputed compensation) of the 1961 Act.

(4) The undertaker may, for the purposes of the authorised project—

- (a) subject to paragraph (2) above, remove any hedgerows as are within the Order Limits and specified in Part 1 of Schedule 17 (*Removal of hedgerows*) that may be required to be removed for the purposes of carrying out the authorised project; and
- (b) remove the important hedgerows as are within the Order Limits and specified in Part 2 of Schedule 17 (*Removal of important hedgerows*) that may be required to be removed for the purposes of carrying out the authorised project.

(5) In this article “hedgerow” and “important hedgerow” have the same meaning as in the Hedgerows Regulations 1997(a).

### **Trees subject to tree preservation orders**

**39.**—(1) Subject to paragraph (2), the undertaker may fell or lop, or cut back the roots of, any tree within or overhanging the Order limits that is subject to a tree preservation order if it reasonably believes it to be necessary to do so to prevent the tree from obstructing or interfering with the construction, maintenance or operation of the authorised project or any apparatus used in connection with the authorised project.

(2) In carrying out any activity authorised by paragraph (1)—

- (a) the undertaker must not do any unnecessary damage to any tree or shrub and must pay compensation to any person for any loss or damage arising from such activity; and
- (b) the duty contained in section 206(1)(b) (replacement of trees) of the 1990 Act does not apply.

(3) The authority given by paragraph (1) constitutes a deemed consent under the relevant tree preservation order.

(4) Any dispute as to a person’s entitlement to compensation under paragraph (2), or as to the amount of compensation, must be determined under Part 1 (determination of questions of disputed compensation) of the 1961 Act.

(5) In this article, “tree preservation order” has the same meaning as in section 198 (power to make tree preservation orders) of the 1990 Act.

### **Saving provisions for Trinity House**

**40.** Nothing in this Order prejudices or derogates from any of the rights, duties or privileges of Trinity House.

### **Crown rights**

**41.**—(1) Nothing in this Order affects prejudicially any estate, right, power, privilege, authority or exemption of the Crown and, in particular, nothing in this Order authorises the undertaker or any lessee or licensee to take, use, enter on or in any manner interfere with any land or rights of any description (including any portion of the shore or bed of the sea or any river, channel, creek, bay or estuary)—

- (a) belonging to His Majesty in right of the Crown and forming part of The Crown Estate without the consent in writing of the Crown Estate Commissioners;
- (b) belonging to His Majesty in right of the Crown and not forming part of The Crown Estate without the consent in writing of the government department having the management of that land; or
- (c) belonging to a government department or held in trust for His Majesty for the purposes of a government department without the consent in writing of that government department.

(2) Paragraph (1) does not apply to the exercise of any right under this Order for the compulsory acquisition of an interest in any Crown land (as defined in section 227 (“Crown land” and “the appropriate Crown authority”) of the 2008 Act) which is for the time being held otherwise than by or on behalf of the Crown.

(3) A consent under paragraph (1) may be given unconditionally or subject to terms and conditions; and is deemed to have been given in writing where it is sent electronically.

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(a) S.I. 1997/1160

(b) Section 206(1) was amended by paragraph 11 of Schedule 8 to the Planning Act 2008 (c. 29).



### **Certification of plans and documents, etc.**

42.—(1) The undertaker must, as soon as practicable after this Order is made, submit to the Secretary of State all of the documents listed in Schedule 19 (documents to be certified) for certification that they are true copies of the documents referred to in this Order.

(2) A plan or document so certified is admissible in any proceedings as evidence of the contents of the document of which it is a copy.

### **Abatement of works abandoned or decayed**

43.—(1) Where the DBS East Project offshore works or any part of them are abandoned or allowed to fall into decay the Secretary of State may, following consultation with DBSEL, by notice in writing require DBSEL at its own expense either to repair, make safe and restore one or any of those works, or any relevant part of them, or to remove them and, without prejudice to any notice served under section 105(2) (requirement to prepare decommissioning programmes) of the 2004 Act, restore the site to a safe and proper condition, to such an extent and within such limits as may be specified in the notice.

(2) Where the DBS West Project offshore works or any part of them are abandoned or allowed to fall into decay the Secretary of State may, following consultation with DBSWL, by notice in writing require DBSWL at its own expense either to repair, make safe and restore one or any of those works, or any relevant part of them, or to remove them and, without prejudice to any notice served under section 105(2) (requirement to prepare decommissioning programmes) of the 2004 Act, restore the site to a safe and proper condition, to such an extent and within such limits as may be specified in the notice.

### **Funding**

44.—(1) Except where the provisions of paragraph (8) apply, DBSEL must not exercise the powers conferred by the provisions referred to in paragraph (3) in relation to any land unless a guarantee or alternative form of security in respect of the liabilities of DBSEL to pay compensation under this Order in respect of the exercise of the relevant power in relation to that land is in place.

(2) Except where the provisions of paragraph (9) apply, DBSWL must not exercise the powers conferred by the provisions referred to in paragraph (3) in relation to any land unless a guarantee or alternative form of security in respect of the liabilities of DBSWL to pay compensation under this Order in respect of the exercise of the relevant power in relation to that land is in place.

(3) The provisions are—

- (a) article 20 (compulsory acquisition of land);
- (b) article 22 (compulsory acquisition of rights);
- (c) article 23 (private rights over land);
- (d) article 26 (acquisition of subsoil or airspace only);
- (e) article 29 (rights under or over streets);
- (f) article 30 (temporary use of land for carrying out the authorised project);
- (g) article 31 (temporary use of land for maintaining the authorised project); and
- (h) article 32 (statutory undertakers).

(4) The form of guarantee or security referred to in paragraphs (1) and (2), and the amount guaranteed or secured, must be approved by the Secretary of State, but such approval must not be unreasonably withheld.

(5) The undertaker must provide the Secretary of State with such information as the Secretary of State may reasonably require relating to the interests in the land affected by the exercise of the powers referred to in paragraph (3) for the Secretary of State to be able to determine the adequacy of the proposed guarantee or security including—

- (a) the interests affected; and

(b) the undertaker's assessment, and the basis of the assessment, of the level of compensation.

(6) A guarantee or other security given in accordance with this article that guarantees or secures the undertaker's payment of compensation in relation to the exercise of the powers referred to in paragraph (3) is to be treated as enforceable against the guarantor or provider of security by any person to whom such compensation is properly payable and must be in such a form as to be capable of enforcement by such a person.

(7) Nothing in this article requires a guarantee or alternative form of security to be in place for more than 15 years after the date on which the relevant power is exercised.

(8) Nothing in this article requires a guarantee or alternative form of security to be put in place by DBSEL where—

(a) DBSEL provides the Secretary of State with financial information sufficient to demonstrate that it has appropriate funding in place without a guarantee or alternative form of security to meet any liability to pay compensation under this Order in respect of the exercise of the relevant powers in paragraph (1); and

(b) The Secretary of State provides written confirmation that no such guarantee is required, such written confirmation not to be unreasonably withheld.

(9) Nothing in this article requires a guarantee or alternative form of security to be put in place by DBSWL where —

(a) DBSWL provides the Secretary of State with financial information sufficient to demonstrate that it has appropriate funding in place without a guarantee or alternative form of security to meet any liability to pay compensation under this Order in respect of the exercise of the relevant powers in paragraph (2); and

(b) The Secretary of State provides written confirmation that no such guarantee is required, such written confirmation not to be unreasonably withheld.

## **Protective provisions**

45. Schedule 15 (protective provisions) has effect.

## **Service of notices**

46.—(1) A notice or other document required or authorised to be served for the purposes of this Order may be served—

(a) by post;

(b) by delivering it to the person on whom it is to be served or to whom it is to be given or supplied; or

(c) with the consent of the recipient and subject to paragraphs (6) to (8), by electronic transmission.

(2) Where the person on whom a notice or other document to be served for the purposes of this Order is a body corporate, the notice or document is duly served if it is served on the secretary or clerk of that body.

(3) For the purposes of section 7 (references to service by post) of the Interpretation Act 1978(a) as it applies for the purposes of this article, the proper address of any person in relation to the service on that person of a notice or document under paragraph (1) is, if that person has given an address for service, that address and otherwise—

(a) in the case of the secretary or clerk of that body corporate, the registered or principal office of that body; and

(b) in any other case, the last known address of that person at that time of service.

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(a) 1978 c. 30. Section 7 was amended by paragraph 19 of Schedule 10 to the Road Traffic Regulation Act 1984 (c. 27).

(4) Where for the purposes of this Order a notice or other document is required or authorised to be served on a person as having an interest in, or as the occupier of, land and the name or address of that person cannot be ascertained after reasonable enquiry, the notice may be served by—

- (a) addressing it to that person by the description of “owner”, or as the case may be “occupier” of the land (describing it); and
- (b) either leaving it in the hands of the person who is or appears to be resident or employed on the land or leaving it conspicuously affixed to some building or object on or near the land.

(5) Where a notice or other document required to be served or sent for the purposes of this Order is served or sent by electronic transmission the requirement is to be taken to be fulfilled only where—

- (a) the recipient of the notice or other document to be transmitted has given consent to the use of electronic transmission in writing or by electronic transmission;
- (b) the notice or document is capable of being accessed by the recipient;
- (c) the notice or document is legible in all material respects; and
- (d) the notice or document is in a form sufficiently permanent to be used for subsequent reference.

(6) Where the recipient of a notice or other document served or sent by electronic transmission notifies the sender within seven days of receipt that the recipient requires a paper copy of all or any part of that notice or other document the sender must provide such a copy as soon as reasonably practicable.

(7) Any consent to the use of an electronic transmission by a person may be revoked by that person in accordance with paragraph (8).

(8) Where a person is no longer willing to accept the use of electronic transmission for any of the purposes of this Order—

- (a) that person must give notice in writing or by electronic transmission revoking any consent given by that person for that purpose; and
- (b) such revocation takes effect on a date specified by the person in the notice but that date must not be less than seven days after the date on which the notice is given.

(9) This article does not exclude the employment of any method of service not expressly provided for by it.

## **Arbitration**

47.—(1) Subject to article 40 (*saving provisions for Trinity House*), any difference under any provision of this Order, unless otherwise provided for, must be referred to and settled by arbitration in accordance with the rules in Schedule 16 (*Arbitration rules*) by a single arbitrator to be agreed between the parties or, failing agreement, to be appointed on the application of either party (after giving notice in writing to the other) by the Secretary of State.

(2) For the avoidance of doubt, any matter for which the consent of the Secretary of State or the MMO is required under any provision of this Order shall not be subject to arbitration.

## **Requirements, appeals, etc.**

48.—(1) Where an application is made to, or a request is made of, the relevant planning authority or any other relevant person for any agreement or approval required or contemplated by any of the provisions of this Order, such application must be made in writing and such agreement or approval must, if given, be given in writing and must not be unreasonably withheld or delayed.

(2) Part 2 (*approval of matters specified in requirements*) of Schedule 2 has effect in relation to all agreements or approvals granted, refused or withheld in relation to requirements included in Part 1 (*requirements*) of that Schedule.

(3) Save to the extent that the requirements are already subject to Part 2 of Schedule 2, sub-section (1) of section 78 (right to appeal against planning decisions and failure to take such decisions) of the 1990 Act applies to the development consent granted by this Order and to the requirements except that it is modified so as to read for the purposes of this Order only as follows—

(a) after “local planning authority” insert “or Secretary of State”;

(b) after sub-section (b) insert the following—

“refuse or fails to determine an application for any consent, agreement or approval of that authority required by a requirement imposed on a grant of development consent or contained in a development consent order, or grant it subject to conditions; or”

(c) after sub-section (1), insert the following—

“(1A) Where the appeal under sub-section (1) relates to a decision by the Secretary of State, the appeal will be decided by a Secretary of State who would not be responsible for determining an application for development consent with the subject matter of The Dogger Bank South East and West Offshore Wind Farms Order 202[ ] if section 103(1) (Secretary of State is to decide applications) of the 2008 Act applied.”

(d) Sections 78 (right to appeal against planning decisions and failure to take such decisions) and 79 (determination of appeals) of the 1990 Act have effect in relation to any appeal under the terms of this article except that the Secretary of State in question is the Secretary of State who would be responsible for determining an application for development consent with the subject matter of this Order if section 103(1) (Secretary of State is to decide applications) applied.

## **Compensation**

49. Schedule 18 (compensation measures) has effect.

## **Inconsistent planning permissions**

50.—(1) Any planning permission which has been initiated prior to the commencement of the authorised project pursuant to this Order may continue to be lawfully implemented thereafter notwithstanding any physical incompatibility with the authorised project or inconsistency with any provision of this Order.

(2) As from the date on which the authorised project is commenced any conditions of a planning permission which relate to land within the Order limits or land adjacent to the Order limits cease to have effect to the extent they are inconsistent with the authorised project or with anything done or approved under the requirements in Part 1 (requirements) of Schedule 2.

(3) As from the date of this Order where planning permission is granted (whether prior to the date of this Order or after) in respect of land within the Order limits for development not forming part of the authorised project, the carrying out of development pursuant to such planning permission is not to operate to prevent the undertaker from carrying out further works for the development of the authorised project pursuant to the terms of this Order. —

(4) Nothing in this Order restricts the undertaker from seeking or implementing, or the relevant planning authority from granting, planning permission for development within the Order limits.

(5) Any development, or any part of a development within the Order limits which is constructed or used under the authority of a planning permission following the coming into force of this Order is to be disregarded at all times for the purposes of ascertaining whether or not an offence has been committed under the provisions of sections 160 (offences) or 161 (breach of terms of order granting development consent) of the 2008 Act.

(6) In this article “planning permission” means a planning permission granted pursuant to Part 3 (control over development) of the 1990 Act (whether express or otherwise).

## No double recovery

51. Compensation is not payable in respect of the same matter both under this Order and under any other enactment, any contract or any rule of law, or under two or more different provisions of this Order.

[Signatory text]

Date

*Name*  
Parliamentary Under Secretary of State  
Department

# SCHEDULE 1 Article 2

## Authorised project

### PART 1

#### Authorised development

1. Nationally significant infrastructure projects as defined in sections 14 (nationally significant infrastructure projects: general) and 15 (generating stations) of the 2008 Act located in the North Sea approximately 100 kilometres and 122 kilometres to the east of the East Riding of Yorkshire coast, comprising—

#### DBS East Project

##### *Offshore works*

##### *Work No. 1A—*

- (a) An offshore wind turbine generating station comprising up to 100 wind turbine generators each fixed to the seabed by monopile or jacket foundations;
- (b) a network of HVAC subsea cables connecting the wind turbine generators and Work No.2A within the area shown on the works plans, including cable crossings and cable protection;

and associated development within the meaning of section 115(2) (development for which development consent may be granted) of the 2008 Act comprising –

##### *Work No. 2A—*

- (a) Up to ~~three~~one offshore ~~electrical platforms~~converter platform fixed to the seabed by jacket or monopile foundations within the area shown on the works plans;
- (b) a network of subsea inter-platform cabling within the area shown on the works plans, including cable crossings and cable protection;

##### *Work No. 3A—*

- (a) up to two HVDC subsea export cables between Work Nos. 2A and 8A along routes within the area shown on the works plans including cable crossings and cable protection;
- (b) up to one cable for the transmission of fibre optic communications laid between Work Nos. 2A and 8A consisting of cables along routes within the area shown on the works plans including cable crossings and cable protection;
- (c) up to three temporary pits for trenchless cable installation at landfall seaward of MLWS and up to three additional temporary pits (if required) for trenchless cable installation at landfall seaward of MLWS for the DBS West Project within the area shown on the works plans;

- (d) installation of up to three landfall cable ducts (if required) and up to three additional landfall cable ducts (if required) for the DBS West Project within the area shown on the works plans;
- (e) installation of up to three cable duct extensions from below MLWS to any temporary pits created for trenchless installation situated between MHWS and MLWS, up to three additional cable duct extension (if required) for the DBS West Project from MLWS to any temporary pits created for trenchless cable installation situated between MHWS and MLWS;

*Work No. 4A—*

Up to one accommodation platform fixed to the seabed by jacket or monopile foundations within the area shown on the works plans;

*Work No. 5A—*

Up to three HVAC subsea export cables linking Work Nos. 2A and 2B providing an electrical connection between Work Nos. 1A and 1B, including cable crossings and cable protection;

*Work No. 6A—*

~~Up to one electrical switching platform connected to the electrical system and fixed to the seabed by gravity base, jacket or monopile foundations, within the area shown on the works plans;~~

Not used;

*Work No. 7A—*

A temporary work area associated with Work Nos. 1A to ~~6A5A~~ for vessels to carry out intrusive activities and non-intrusive activities alongside Work Nos. 1A to ~~6A5A~~;

*Intertidal Works – In the County of East Riding of Yorkshire*

*Work No. 8A—*

- (a) Installation of up to two HVDC subsea export cables and up to one cable for the transmission of fibre optic communications within up to three landfall cable ducts (if required) between Work No. 3A and Work No. 12A and up to three landfall cable ducts (if required) for the DBS West Project between Work No. 3B and Work No. 12B;
- (b) trenchless cable installation;
- ~~(c) creation of up to three temporary pits for trenchless installation techniques seaward of MHWS and up to three additional temporary pits for trenchless installation techniques seaward of MHWS for the DBS West Project;~~
- ~~(d) cable trenching works;~~
- ~~(e) installation of up to three cable duct extensions from below MLWS to any temporary pits created for trenchless installation situated between MHWS and MLWS, up to three additional cable duct extensions (if required) for the DBS West Project from MLWS to any temporary pits created for trenchless cable installation situated between MHWS and MLWS;~~
- ~~(f)(c)~~ temporary construction working areas for emergency works;
- ~~(g)(d)~~ and cable installation vessel anchoring for emergency works.

*Work No. 9A—*

To provide means of emergency access along the existing beach between Work No. 10A and Work Nos. 8A and 12A to allow for access in the event of accidents and / or environmental incidents.

### *Further Associated Development*

In connection with such Work Nos. 1A to 9A and to the extent that they do not otherwise form part of any such work, further associated development comprising such other works as may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised project and which fall within the scope of the work assessed by the environmental statement, including:

- (a) scour protection around the foundations of the offshore structures;
- (b) cable protection measures such as the placement of rock and/or concrete mattresses, with or without frond devices;
- (c) the removal of material from the seabed required for the construction of Work Nos. 1A to 8A and the disposal of inert material of natural origin within the Order limits produced during construction drilling, seabed preparation for foundation works such as sandwave clearance, boulder clearance and pre-lay grapnel runs or ploughs, cable installation preparation such as sandwave clearance, boulder clearance and pre-trenching and excavation of horizontal directional drilling exit pits;
- (d) removal of static fishing equipment;
- (e) temporary landing places, moorings or other means of accommodating vessels in the construction or maintenance of the authorised project;
- (f) disposal of drill arisings in connection with any foundation drilling up to a total of 37,91735,791 cubic metres;
- (g) creation and use of temporary laydown areas, use of cable lay vessel anchors; and
- (h) lighting.

### *Onshore Works*

#### *Work No. 10A—*

Creation of temporary construction access from North Turnpike for emergency access to Work No. 9A to allow for access in event of accidents and / or environmental incidents.

#### *Work No. 11A—*

Construction of a temporary construction compound and laydown area for emergency works in Work Nos. 8A and 12A; and –

- (a) construction of haul road; and
- (b) temporary construction working areas and laydown areas.

#### *Work No. 12A—*

Installation of up to two HVDC onshore export cables and up to one cable for the transmission of fibre optic communications within up to three landfall cable ducts (if required) between Work No. 8A and Work No. 13A and up to three landfall cable ducts (if required) for the DBS West Project between Work No. 8B and Work No. 13B; including trenchless installation technique works.

#### *Work No. 13A—*

Installation of up to two HVDC subsea export cables, up to two HVDC onshore export cables, up to one earthing cable and up to one cable for the transmission of fibre optic communications within up to three landfall cable ducts (if required) and up to three landfall cable ducts (if required) for the DBS West Project; and –

- (a) construction of temporary haul roads;
- (b) temporary construction working areas and laydown areas;
- (c) up to two transition joint bays;

- (d) trenchless installation techniques including the creation of entrance and exit pits and trenchless crossing compounds;
- (e) a temporary transition joint bay construction compound for landfall operations;
- (f) a temporary construction compound to support construction of transition joint bays;
- (g) Installation of up to two HVDC onshore export cables, up to one earthing cable and up to one cable for the transmission of fibre optic communications within cable ducts (if required) including installation of cable ducts and additional ducts for the DBS West Project; cable trenching works;
- (h) connection to pre-existing ducts; and
- (i) construction of jointing bays and link boxes.

*Work No. 14A—*

Installation of up to two HVDC onshore export cables, up to one earthing cable and up to one cable for the transmission of fibre optic communications within cable ducts (if required) between Work No. 13A and Work Nos. 24A including:

- (a) installation of cable ducts and additional cable ducts for the DBS West Project;
- (b) trenchless installation technique works including the creation of entrance and exit pits and trenchless crossing compounds;
- (c) cable trenching works;
- (d) construction of jointing bays and link boxes;
- (e) installation of cables;
- (f) construction of temporary haul roads; and
- (g) temporary construction working areas and laydown areas.

*Work No. 15A—*

Creation of temporary construction crossing point of public highway including:

- (a) creation and improvement of temporary access to the public highway including creation of new junctions, works to junctions and visibility splays;
- (b) construction of temporary haul roads; and
- (c) temporary construction working areas and laydown areas.

*Work No. 16A—*

Construction of temporary construction compounds including:

- (a) construction of temporary haul roads; and
- (b) temporary construction working areas and laydown areas.

*Work No. 17A—*

Creation of temporary construction access off public highway including:

- (a) creation and improvement of temporary access to the public highway including creation of new junctions, works to junctions and visibility splays;
- (b) construction of temporary haul roads; and
- (c) temporary construction working areas and laydown areas.

*Work No. 18A—*

Creation of construction temporary access, construction of temporary haul roads, temporary construction working areas and laydown areas.

*Work No. 19A—*



Area of proposed temporary improvement to public highway to allow two-way construction vehicle access to Work No. 17A including:

- (a) temporary widening of junctions and roads;
- (b) temporary increase in length of existing passing places; and
- (c) provision of additional temporary passing places.

*Work No. 20A—*

Construction of temporary construction compounds including;

- (a) construction of temporary haul roads; and
- (b) temporary construction working areas and laydown areas.

*Work No. 21A—*

Creation of permanent access off A1079 including:

- (a) creation of permanent access to the public highway including creation of new junction, works to junctions, and visibility splays;
- (b) construction of permanent access road including permanent land re-profiling;
- (c) construction of temporary haul roads; and
- (d) temporary construction working areas and laydown areas.

*Work No. 22A—*

An access and drainage works area comprising:

- (a) temporary construction working areas and laydown areas;
- (b) temporary access roads and haul roads including temporary land re-profiling;
- (c) permanent access roads including permanent land re-profiling;
- (d) utilities connections;
- (e) diversion of Northern Power Grid 33kV overhead power line;
- (f) temporary and permanent drainage works including connection to existing drainage and creation of new sustainable drainage system including appropriate attenuation (if required);
- (g) permanent landscaping limited to hedgerow along permanent access track; and
- (h) permanent diversion of Walkington Footpath No.4.

*Work No. 23A—*

Construction of temporary construction compounds including:

- (a) construction of temporary haul roads; and
- (b) temporary construction working areas and laydown areas.

*Work No. 24A—*

Works area required for temporary and permanent works associated with construction of converter station(s) and associated infrastructure including:

- (a) permanent land re-profiling and creation of platform or foundations for Work Nos. 25A, 26A and 26B;
- (b) security fencing;
- (c) utilities connections;
- (d) temporary and permanent drainage works including to existing drainage, and creation of new sustainable drainage system including appropriate attenuation (if required);
- (e) temporary access roads and haul roads including temporary land re-profiling;

- (f) permanent access roads including permanent land re-profiling;
- (g) temporary construction working areas and laydown areas;
- (h) permanent landscaping for screening of converter station(s);
- (i) construction of temporary construction compounds;
- ~~(j) diversion of Yorkshire Water main and works;~~
- ~~(+)(j)~~ (j) installation of up to two HVDC onshore export cables, up to one earthing cable and up to one cable for the transmission of fibre optic communications within cable ducts (if required);
- ~~(+)(k)~~ (k) installation of up to twelve buried HVAC onshore export cables, up to four earthing cables and up to eight cables for the transmission of fibre optic communications within cable ducts (if required); and
- ~~(+)(l)~~ (l) cable crossings, cable protection, installation of cable ducts (including additional cable ducts for the DBS West Project), trenchless installation technique pit works including the creation of entrance and exit pits, cable trenching works, connection to pre-existing ducts, installation of cables in ducts or direct-lay and construction of jointing bays and link boxes.

*Work No. 25A—*

Construction of electrical converter station infrastructure for the DBS East Project, including:

- (a) a compound for electrical works necessary for the onward transmission of electricity (the “converter station compound”) containing (but not limited to) switchgear and electrical equipment including high voltage reactors, converter valves and coolers, power transformers, reactive compensation equipment, filters, cooling equipment, control and welfare buildings, lightning rods, internal rods, security fencing and other associated equipment, structures and buildings including noise attenuation works; and
- (b) permanent security fencing and security gate.

*Work No. 26A—*

Construction of electrical convertor station infrastructure for the DBS East Project, including:

- (a) a compound for electrical works necessary for the onward transmission of electricity (the “converter station compound”) containing (but not limited to) switchgear and electrical equipment including high voltage reactors, converter valves and coolers, power transformers, reactive compensation equipment, filters, cooling equipment, control and welfare buildings, lightning rods, internal rods, security fencing and other associated equipment, structures and buildings including noise attenuation works; and
- (b) permanent security fencing and security gate.

*Work No. 27A—*

Permanent landscaping for screening of converter station(s) and works to facilitate this including:

- (a) construction of temporary haul roads; and
- (b) temporary construction working areas and laydown areas.

*Work No. 28A—*

~~Diversion of Yorkshire Water main and works to facilitate this including:~~

- ~~(a) construction of temporary haul roads; and~~
- ~~(b) temporary construction working areas and laydown areas.~~

Not Used.

*Work No. 29A—*

Permanent landscaping for screening of converter stations(s) comprising enhancement and management of Ancient Woodland and Local Wildlife Site and works to facilitate these landscaping works including:

- (a) construction of temporary haul roads; and
- (b) temporary construction working areas and laydown areas.

*Work No. 30A—*

Creation of [access routes from Work No. 24A to Work No. 27A and Work No. 29A for construction ~~temporary access and maintenance of permanent landscaping and~~ to allow access across \[existing utilities to Work No. 27A\]\(#\)](#) including:

- ~~(a) construction of temporary haul roads; and~~
- [\(a\) temporary during construction and for maintenance purposes during operation \(if required\); and](#)
- [\(b\) temporary working areas and laydown areas to facilitate the protection \(if required\) of existing utilities located in Works No.30A.](#)

*Work No. 31A—*

Installation of up to twelve buried HVAC onshore export cables, up to four earthing cables and up to eight cables for the transmission of fibre optic communications within cable ducts (if required) between Work No. 24A and Work No. 34A for the DBS Projects including:

- (a) Installation of cable ducts and additional cable ducts for the DBS West Project;
- (b) trenchless installation technique works including the creation of entrance and exit pits;
- (c) cable trenching works;
- (d) construction of jointing bays and link boxes;
- (e) connection to pre-existing ducts;
- (f) installation of cables in ducts or direct-lay;
- (g) construction of temporary haul roads; and
- (h) temporary construction working areas and laydown areas.

*Work No. 33A—*

Creation of temporary construction access off A1079 which may be shared with other developments including:

- (a) creation and improvement of access to the public highway including creation of new junction, works to junctions and visibility splays;
- (b) construction of haul roads; and
- (c) temporary construction working areas and laydown areas.

*Work No 34A—*

Electrical works to connect to the National Grid Substation, including:

- (a) works needed to connect the authorised project to the National Grid substation that National Grid is not required, under its transmission licence, to carry out itself including (but not limited to) cabling, cable sealing ends, circuit breakers, surge arrestors, disconnectors, transformers, busbars and busbar clamp measuring equipment, relay marshalling rooms and electrical earthing works;
- (b) creation of access roads to provide operational and maintenance access.

#### *Further Associated Development*

In connection with Work Nos. 10A to 34A and to the extent that they do not otherwise form part of any such works, further associated development comprising such other works may be necessary

or expedient for the purposes of or in connection with the relevant part of the authorised project and which fall within the scope of the work assessed by the environmental statement, including:

- (a) haul roads, ramps, watercourses and other temporary crossings, means of access and other vehicular and / or pedestrian means of access, including creation of new tracks and footpaths, and / or widening, upgrades, alterations and improvements of existing roads, tracks and footpaths;
- (b) bunds, embankments, swales, landscaping, signage, fencing and boundary treatments;
- (c) provision of temporary and permanent ecological and environmental mitigation works;
- (d) spoil storage and associated control measures
- (e) jointing bays, link boxes, cable ducts, cable protection, joint protection, manholes, marker posts, underground cable markers, tiles and tape, and lighting and other works associated with laying cables and / or pulling cables through cable ducts including trenchless techniques beneath utilities, watercourses and roads and launch and receptor pits for trenchless crossings;
- (f) temporary trenchless crossing compounds and working areas and their restoration;
- (g) works for the provision of apparatus including cabling, water and electricity supply works, foul drainage provision, surface water management systems, permanent drainage and temporary drainage during installation of cables and culverting;
- (h) works to alter the position of apparatus, including mains, sewers, drains and cables;
- (i) works to alter the course of, or otherwise interfere with, non-navigable rivers, streams and watercourses;
- (j) habitat creation and enhancement;
- (k) landscaping and other works to investigate, ascertain or mitigate any adverse effects of the construction, maintenance or operation of the authorised project.
- (l) works for the benefit or protection of land affected by the authorised project;
- (m) working sites in connection with the construction of the authorised project, construction of lay down areas and compounds, storage compounds and their restoration;
- (n) works of restoration;
- (o) fencing or other means of enclosure; and
- (p) such other works as may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised project.

## **DBS West Project**

### *Offshore works*

#### *Work No. 1B—*

- (a) An offshore wind turbine generating station comprising up to 100 wind turbine generators each fixed to the seabed by monopile or jacket foundations;
- (b) a network of HVAC subsea cables connecting the wind turbine generators and Work No.2B within the area shown on the works plans, including cable crossings and cable protection;

and associated development within the meaning of section 115(2) (development for which development consent may be granted) of the 2008 Act comprising –

#### *Work No. 2B—*

- (a) ~~Up to three~~ ~~one~~ offshore ~~electrical platforms~~ ~~converter platform~~ fixed to the seabed by jacket or monopile foundations within the area shown on the works plans;
- (b) a network of subsea inter-platform cabling within the area shown on the works plans, including cable crossings and cable protection;

*Work No. 3B—*

- (a) up to two HVDC subsea export cables between Work Nos. 2B and 8B along routes within the area shown on the works plans including cable crossings and cable protection;
- (b) up to one cable for the transmission of fibre optic communications laid between Work Nos. 2B and 8B consisting of cables along routes within the area shown on the works plans including cable crossings and cable protection;
- (c) up to three temporary pits for trenchless cable installation at landfall seaward of MLWS and up to three additional temporary pits (if required) for trenchless cable installation at landfall seaward of MWLS for the DBS East Project within the area shown on the works plans;
- (d) installation of up to three landfall cable ducts (if required) and up to three additional landfall cable ducts (if required) for the DBS East Project within the area shown on the works plans;
- (e) installation of up to three cable duct extensions from below MLWS to any temporary pits created for trenchless installation situated between MHWS and MLWS, up to three additional cable duct extension (if required) for the DBS West Project from MLWS to any temporary pits created for trenchless cable installation situated between MHWS and MLWS;

*Work No. 4B—*

Up to one accommodation platform fixed to the seabed by jacket or monopile foundations within the area shown on the works plans;

*Work No. 5B—*

Up to three HVAC subsea export cables linking Work Nos. 2A and 2B providing an electrical connection between Work Nos. 1A and 1B, including cable crossings and cable protection;

*Work No. 6B—*

~~Up to one electrical switching platform connected to the electrical system and fixed to the seabed by gravity base, jacket or monopile foundations, within the area shown on the works plans;~~

~~Not used;~~

*Work No. 7B—*

A temporary work area associated with Work Nos. 1B to ~~6B~~5B for vessels to carry out intrusive activities and non-intrusive activities alongside Work Nos. 1B to ~~6B~~5B;

*Intertidal Works - In the County of East Riding of Yorkshire*

*Work No. 8B—*

- (a) Installation of up to two HVDC subsea export cables and up to one cable for the transmission of fibre optic communications within up to three landfall cable ducts (if required) between Work No. 3B and Work No. 12B and up to three landfall cable ducts (if required) for the DBS East Project between Work No. 3A and Work No. 12A;
- (b) trenchless cable installation;
- ~~(c) creation of up to three temporary pits for trenchless installation techniques seaward of MHWS and up to three additional temporary pits for trenchless installation techniques seaward of MHWS for the DBS East Project;~~
- ~~(d) cable trenching works;~~
- ~~(e) installation of up to three cable duct extensions from MLWS to any temporary pits created for trenchless installation situated between MHWS and MLWS, up to three additional cable duct extensions (if required) for the DBS East Project from MLWS to~~

~~any temporary pits created for trenchless cable installation situated between MHWS and MLWS;~~

~~(c)~~ temporary construction working areas; for emergency works; and  
~~(d)~~ and cable installation-vessel anchoring for emergency works.

*Work No. 9B—*

To provide means of emergency access along the existing beach between Work No. 10B and Work Nos. 8B and 12B to allow for access in the event of accidents and / or environmental incidents.

*Further Associated Development*

In connection with such Work Nos. 1B to 9B and to the extent that they do not otherwise form part of any such work, further associated development comprising such other works as may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised project and which fall within the scope of the work assessed by the environmental statement, including:

- (a) scour protection around the foundations of the offshore structures;
- (b) cable protection measures such as the placement of rock and/or concrete mattresses, with or without frond devices;
- (c) the removal of material from the seabed required for the construction of Work Nos. 1B to 8B and the disposal of inert material of natural origin within the Order limits produced during construction drilling, seabed preparation for foundation works such as sandwave clearance, boulder clearance and pre-lay grapnel runs or ploughs, cable installation preparation such as sandwave clearance, boulder clearance and pre-trenching and excavation of horizontal directional drilling exit pits;
- (d) removal of static fishing equipment;
- (e) temporary landing places, moorings or other means of accommodating vessels in the construction or maintenance of the authorised project;
- (f) disposal of drill arisings in connection with any foundation drilling up to a total of 37,91735,791 cubic metres;
- (g) creation and use of temporary laydown areas, use of cable lay vessel anchors; and
- (h) lighting.

*Onshore Works*

*Work No. 10B—*

Creation of temporary construction access from North Turnpike for emergency access to Work No. 9B to allow for access in event of accidents and / or environmental incidents.

*Work No. 11B—*

Construction of a temporary construction compound and laydown area for emergency works in Work Nos. 8B and 12B; and -

- (a) construction of haul road; and
- (b) temporary construction working areas and laydown areas.

*Work No. 12B—*

Installation of up to two HVDC onshore export cables and up to one cable for the transmission of fibre optic communications within up to three landfall cable ducts (if required) between Work No. 8B and Work No. 13B and up to three landfall cable ducts (if required) for the DBS East Project between Work No. 8A and Work No. 13A; including trenchless installation technique works.

*Work No. 13B—*

Installation of up to two HVDC subsea export cables, up to two HVDC onshore export cables, up to one earthing cable and up to one cable for the transmission of fibre optic communications within up to three landfall cable ducts (if required) and up to three landfall cable ducts (if required) for the DBS East Project; and –

- (a) construction of temporary haul roads;
- (b) temporary construction working areas and laydown areas;
- (c) up to two transition joint bays;
- (d) trenchless installation techniques including the creation of entrance and exit pits and trenchless crossing compounds;
- (e) a temporary transition joint bay construction compound for landfall operations;
- (f) a temporary construction compound to support construction of transition joint;
- (g) Installation of up to two HVDC onshore export cables, up to one earthing cable and up to one cable for the transmission of fibre optic communications within cable ducts (if required) including installation of cable ducts and additional ducts for the DBS East Project; cable trenching works;
- (h) connection to pre-existing ducts; and
- (i) construction of jointing bays and link boxes.

*Work No. 14B—*

Installation of up to two HVDC onshore export cables, up to one earthing cable and up to one cable for the transmission of fibre optic communications within cable ducts (if required) between Work No. 13B and Work Nos. 24B including:

- (a) installation of cable ducts and additional cable ducts for the DBS East Project;
- (b) trenchless installation technique works including the creation of entrance and exit pits and trenchless crossing compounds;
- (c) cable trenching works;
- (d) construction of jointing bays and link boxes;
- (e) installation of cables;
- (f) construction of temporary haul roads; and
- (g) temporary construction working areas and laydown areas.

*Work No. 15B—*

Creation of temporary construction crossing point of public highway including:

- (a) creation and improvement of temporary access to the public highway including creation of new junctions, works to junctions and visibility splays;
- (b) construction of temporary haul roads; and
- (c) temporary construction working areas and laydown areas.

*Work No. 16B—*

Construction of temporary construction compounds including:

- (a) construction of temporary haul roads; and
- (b) temporary construction working areas and laydown areas.

*Work No. 17B—*

Creation of temporary construction access off public highway including:

- (a) creation and improvement of temporary access to the public highway including creation of new junctions, works to junctions and visibility splays;

- (b) construction of temporary haul roads; and
- (c) temporary construction working areas and laydown areas.

*Work No. 18B—*

Creation of construction temporary access, construction of temporary haul roads, temporary construction working areas and laydown areas.

*Work No. 19B—*

Area of proposed temporary improvement to public highway to allow two-way construction vehicle access to Work No. 17B including:

- (a) temporary widening of junctions and roads; and
- (b) temporary increase in length of existing passing places; and
- (c) provision of additional temporary passing places.

*Work No. 20B—*

Construction of temporary construction compounds including:

- (a) construction of temporary haul roads; and
- (b) temporary construction working areas and laydown areas.

*Work No. 21B—*

Creation of permanent access off A1079 including:

- (a) creation of permanent access to the public highway including creation of new junction, works to junctions, and visibility splays;
- (b) construction of permanent access road including permanent land re-profiling;
- (c) construction of temporary haul roads; and
- (d) temporary construction working areas and laydown areas.

*Work No. 22B—*

An access and drainage works area comprising:

- (a) temporary construction working areas and laydown areas;
- (b) temporary access roads and haul roads including temporary land re-profiling;
- (c) permanent access roads including permanent land re-profiling;
- (d) utilities connections;
- (e) diversion of Northern Power Grid 33kV overhead power line;
- (f) temporary and permanent drainage works including connection to existing drainage and creation of new sustainable drainage system including appropriate attenuation (if required);
- (g) permanent landscaping limited to hedgerow along permanent access track; and
- (h) permanent diversion of Walkington Footpath No.4.

*Work No. 23B—*

Construction of temporary construction compounds including:

- (a) construction of temporary haul roads; and
- (b) temporary construction working areas and laydown areas.

*Work No. 24B—*

Works area required for temporary and permanent works associated with construction of converter station(s) and associated infrastructure including:



- (a) permanent land re-profiling and creation of platform or foundations for Work Nos. 25A, 26A and 26B;
- (b) security fencing;
- (c) utilities connections;
- (d) temporary and permanent drainage works including to existing drainage and creation of new sustainable drainage system including appropriate attenuation (if required);
- (e) temporary access roads and haul roads including temporary land re-profiling;
- (f) permanent access roads including permanent land re-profiling;
- (g) temporary construction working areas and laydown areas;
- (h) permanent landscaping for screening of converter station(s);
- (i) construction of temporary construction compounds;
- ~~(j) diversion of Yorkshire Water main and works;~~
- ~~(k)(j)~~ installation of up to two HVDC onshore export cables, up to one earthing cable and up to one cable for the transmission of fibre optic communications within cable ducts (if required);
- ~~(k)~~ installation of up to twelve buried HVAC onshore export cables, up to four earthing cables and up to eight cables for the transmission of fibre optic communications within cable ducts (if required); and
- ~~(m)~~ cable crossings, cable protection, installation of cable ducts (including additional cable ducts for the DBS East Project), trenchless installation technique pit works including the creation of entrance and exit pits, cable trenching works, connection to pre-existing ducts, installation of cables in ducts or direct-lay and construction of jointing bays and link boxes.

*Work No. 26B—*

Construction of electrical convertor station infrastructure for the DBS West Project, including:

- (a) a compound for electrical works necessary for the onward transmission of electricity (the “converter station compound”) containing (but not limited to) switchgear and electrical equipment including high voltage reactors, converter valves and coolers, power transformers, reactive compensation equipment, filters, cooling equipment, control and welfare buildings, lightning rods, internal rods, security fencing and other associated equipment, structures and buildings including noise attenuation works; and
- (b) permanent security fencing and security gate.

*Work No. 27B—*

Permanent landscaping for screening of converter station(s) and works to facilitate this including:

- (a) construction of temporary haul roads; and
- (b) temporary construction working areas and laydown areas.

*Work No. 28B—*

~~Diversion of Yorkshire Water main and works to facilitate this including:~~

- ~~(a) construction of temporary haul roads; and~~
- ~~(b) temporary construction working areas and laydown areas.~~

Not Used.

*Work No. 29B—*

Permanent landscaping for screening of converter stations(s) comprising enhancement and management of Ancient Woodland and Local Wildlife Site and works to facilitate these landscaping works including:

- (a) construction of temporary haul roads; and
- (b) temporary construction working areas and laydown areas.

*Work No. 30B—*

Creation of access routes from Work No. 24B to Work No. 27B and Work No. 29B for construction ~~temporary access and maintenance of permanent landscaping and~~ to allow access across existing utilities to Work No. 27B including:

- ~~(a) construction of temporary haul roads; and~~
- (a) temporary during construction and for maintenance purposes during operation (if required); and
- (b) temporary working areas and laydown areas to facilitate the protection (if required) of existing utilities located in Work No. 30B.

*Work No. 31B—*

Installation of up to twelve buried HVAC onshore export cables, up to four earthing cables and up to eight cables for the transmission of fibre optic communications within cable ducts (if required) between Work No. 24B and Work No. 34B for the DBS Projects including:

- (a) Installation of cable ducts and additional cable ducts for the DBS East Project;
- (b) trenchless installation technique works including the creation of entrance and exit pits;
- (c) cable trenching works;
- (d) construction of jointing bays and link boxes;
- (e) connection to pre-existing ducts;
- (f) installation of cables in ducts or direct-lay;
- (g) construction of temporary haul roads; and
- (h) temporary construction working areas and laydown areas.

*Work No. 32B—*

Installation of up to twelve buried HVAC onshore export cables, up to four earthing cables and up to eight cables for the transmission of fibre optic communications within cable ducts (if required) between Work No. 31B and Work No. 31B for the DBS West Project including:

- (a) Installation of cable ducts;
- (b) trenchless installation technique works including the creation of entrance and exit pits;
- (c) cable trenching works;
- (d) construction of jointing bays and link boxes;
- (e) connection to pre-existing ducts;
- (f) installation of cables in ducts or direct-lay;
- (g) construction of temporary haul roads; and
- (h) temporary construction working areas and laydown areas.

*Work No. 33B—*

Creation of temporary construction access off A1079 which may be shared with other developments including:

- (a) creation and improvement of access to the public highway including creation of new junction, works to junctions and visibility splays;
- (b) construction of haul roads; and
- (c) temporary construction working areas and laydown areas.

*Work No 34B—*

Electrical works to connect to the National Grid Substation, including:

- (a) works needed to connect the authorised project to the National Grid substation that National Grid is not required, under its transmission licence, to carry out itself including (but not limited to) cabling, cable sealing ends, circuit breakers, surge arrestors, disconnectors, transformers, busbars and busbar clamp measuring equipment, relay marshalling rooms and electrical earthing works;
- (b) creation of access roads to provide operational and maintenance access.

#### *Further Associated Development*

In connection with Work Nos. 10B to 34B and to the extent that they do not otherwise form part of any such works, further associated development comprising such other works may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised project and which fall within the scope of the work assessed by the environmental statement, including:

- (a) haul roads, ramps, watercourses and other temporary crossings, means of access and other vehicular and / or pedestrian means of access, including creation of new tracks and footpaths, and / or widening, upgrades, alterations and improvements of existing roads, tracks and footpaths;
- (b) bunds, embankments, swales, landscaping, signage, fencing and boundary treatments;
- (c) provision of temporary and permanent ecological and environmental mitigation works;
- (d) spoil storage and associated control measures
- (e) jointing bays, link boxes, cable ducts, cable protection, joint protection, manholes, marker posts, underground cable markers, tiles and tape, and lighting and other works associated with laying cables and / or pulling cables through cable ducts including trenchless techniques beneath utilities, watercourses and roads and launch and receptor pits for trenchless crossings;
- (f) temporary trenchless crossing compounds and working areas and their restoration;
- (g) works for the provision of apparatus including cabling, water and electricity supply works, foul drainage provision, surface water management systems, permanent drainage and temporary drainage during installation of cables and culverting;
- (h) works to alter the position of apparatus, including mains, sewers, drains and cables;
- (i) works to alter the course of, or otherwise interfere with, non-navigable rivers, streams and watercourses;
- (j) habitat creation and enhancement;
- (k) landscaping and other works to investigate, ascertain or mitigate any adverse effects of the construction, maintenance or operation of the authorised project.
- (l) works for the benefit or protection of land affected by the authorised project;
- (m) working sites in connection with the construction of the authorised project, construction of lay down areas and compounds, storage compounds and their restoration;
- (n) works of restoration;
- (o) fencing or other means of enclosure; and
- (p) such other works as may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised project.

The grid coordinates for that part of the authorised project which is seaward of MHS are specified below:—

<i>Point ID</i>	<i>Latitude (DMS)</i>	<i>Longitude (DMS)</i>
1	53° 59.636' N	0° 12.409' W
2	53° 59.828' N	0° 11.508' W
3	53° 59.84' N	0° 9.787' W
4	54° 0.103' N	0° 8.059' W

5	54° 0.456' N	0° 6.579' W
6	54° 1.884' N	0° 3.053' W
7	54° 3.141' N	0° 0.71' E
8	54° 3.776' N	0° 2.531' E
9	54° 4.146' N	0° 3.459' E
10	54° 4.277' N	0° 4.42' E
11	54° 4.311' N	0° 5.046' E
12	54° 8.777' N	0° 14.263' E
13	54° 16.039' N	0° 31.609' E
14	54° 16.335' N	0° 32.155' E
15	54° 18.431' N	0° 36.314' E
16	54° 19.527' N	0° 37.419' E
17	54° 25.526' N	0° 46.478' E
18	54° 29.179' N	0° 55.215' E
19	54° 35.243' N	1° 15.596' E
20	54° 41.979' N	1° 19.185' E
21	54° 42.688' N	1° 19.12' E
22	54° 42.896' N	1° 19.192' E
23	54° 43.005' N	1° 19.299' E
24	54° 43.102' N	1° 19.456' E
25	54° 44.185' N	1° 21.713' E
26	54° 44.281' N	1° 22.039' E
27	54° 44.3' N	1° 22.321' E
28	54° 44.265' N	1° 22.624' E
29	54° 39.029' N	1° 44.927' E
30	54° 38.849' N	1° 45.31' E
31	54° 38.572' N	1° 45.483' E
32	54° 34.746' N	1° 58.903' E
33	54° 34.771' N	1° 59.729' E
34	54° 34.672' N	2° 0.181' E
35	54° 34.475' N	2° 0.47' E
36	54° 24.475' N	2° 8.984' E
37	54° 24.094' N	2° 8.924' E
38	54° 23.829' N	2° 8.434' E
39	54° 21.084' N	1° 54.278' E
40	54° 21.06' N	1° 53.902' E
41	54° 21.146' N	1° 53.486' E
42	54° 21.337' N	1° 53.184' E
43	54° 29.145' N	1° 46.456' E
44	54° 28.725' N	1° 44.404' E
45	54° 27.929' N	1° 43.364' E
46	54° 27.843' N	1° 43.133' E
47	54° 26.379' N	1° 31.042' E
48	54° 25.979' N	1° 27.06' E
49	54° 26.251' N	1° 24.963' E
50	54° 27.33' N	1° 8.974' E
51	54° 27.864' N	0° 59.075' E
52	54° 28.15' N	0° 55.927' E
53	54° 24.71' N	0° 47.697' E
54	54° 18.879' N	0° 38.899' E

55	54° 17.721' N	0° 37.725' E
56	54° 15.532' N	0° 33.384' E
57	54° 15.193' N	0° 32.753' E
58	54° 13.677' N	0° 29.116' E
59	54° 12.454' N	0° 27.885' E
60	54° 12.333' N	0° 27.605' E
61	54° 11.974' N	0° 25.037' E
62	54° 7.921' N	0° 15.379' E
63	54° 3.303' N	0° 5.845' E
64	54° 3.262' N	0° 5.664' E
65	54° 3.21' N	0° 4.703' E
66	54° 3.152' N	0° 4.231' E
67	54° 2.862' N	0° 3.501' E
68	54° 2.209' N	0° 1.631' E
69	54° 0.97' N	0° 2.081' W
70	53° 59.501' N	0° 5.71' W
71	53° 58.989' N	0° 7.857' W
72	53° 58.699' N	0° 8.792' W
73	53° 58.439' N	0° 9.962' W
74	53° 58.389' N	0° 11.761' W
75	54° 28.994' N	0° 58.647' E
76	54° 34.543' N	1° 17.322' E
77	54° 34.091' N	1° 19.939' E
78	54° 33.849' N	1° 20.161' E
79	54° 33.702' N	1° 20.56' E
80	54° 31.685' N	1° 32.691' E
81	54° 31.68' N	1° 33.169' E
82	54° 31.818' N	1° 33.611' E
83	54° 30.757' N	1° 40.251' E
84	54° 29.978' N	1° 44.941' E
85	54° 29.626' N	1° 43.28' E
86	54° 28.833' N	1° 42.219' E
87	54° 27.438' N	1° 30.694' E
88	54° 27.073' N	1° 27.083' E
89	54° 27.316' N	1° 25.259' E
90	54° 28.402' N	1° 9.17' E
91	54° 28.935' N	0° 59.302' E

## PART 2

### Ancillary works

1. Works within the Order limits which have been subject to an environmental assessment recorded in the environmental statement comprising—

- (a) intrusive ground investigations including the making of boreholes and trial pits;
- (b) temporary landing places, moorings or other means of accommodating or anchoring vessels in the construction or maintenance of the authorised project;

- (c) temporary or permanent buoys, beacons, fenders and other navigational warning or ship impact protection works; and
- (d) temporary works for the benefit or protection of land, groundwater, watercourses or structures affected by the authorised project.

## SCHEDULE 2

Article 3

### PART 1

#### Requirements

##### **Time limits**

1.—(1) The DBS East Project must commence no later than the expiration of seven years beginning with the date this Order comes into force.

(2) The DBS West Project must commence no later than the expiration of seven years beginning with the date this Order comes into force.

##### **Detailed offshore design parameters**

###### *Wind turbine generator dimensions*

2.—(1) Subject to sub-paragraph (2), wind turbine generators forming part of the authorised project must not:—

- (a) exceed a height of 394.08 metres when measured from MHWS to the tip of the vertical blade;
- (b) exceed a rotor diameter of 344.08 metres;
- (c) be less than 830 metres from the nearest wind turbine generator in any direction;
- (d) have a distance of less than 34 metres between the lowest point of the rotating blade of the wind turbine generator and mean sea level;
- (e) exceed 100 wind turbine generators in respect of the DBS East Project offshore works; or
- (f) exceed 100 wind turbine generators in respect of the DBS West Project offshore works.

(2) References to the location of a wind turbine generator are references to the centre point at the base of the wind turbine generator.

###### *Wind turbine generator foundations*

3.—(1) Wind turbine generator foundations must be piled monopile foundation and/or piled jacket foundation.

(2) No wind turbine generator piled monopile foundation may have a pile diameter exceeding 15 metres.

(3) No wind turbine generator piled jacket foundation may:—

- (a) have more than four legs;
- (b) have more than four piles; or
- (c) have a pile diameter exceeding four metres.

(4) Within Work No. 1A, the wind turbine generator foundations must not have:—

- (a) a total combined seabed footprint (including scour protection) exceeding 311,725 square metres; or
- (b) a total combined amount of scour protection exceeding 302,221.21 square metres.

(5) Within Work No. 1B, the wind turbine generator foundations must not have:—

- (a) a total combined seabed footprint (including scour protection) exceeding 311,725 square metres; or
- (b) a total combined amount of scour protection exceeding 302,221.21 square metres.

*Offshore ~~electrical installation~~ converter platform dimensions*

4.—(1) The total number of offshore ~~electrical installation~~ converter platforms and offshore accommodation platforms in respect of the authorised project must not exceed ~~eight~~two, consisting of ~~a combination of no more than:-~~

~~(a) six offshore collector platforms and/or offshore converter platforms, one offshore converter platform and one offshore accommodation platform and one offshore switching platform in respect of the authorised project;~~

~~(b) three offshore collector platforms and/or offshore converter platforms, one offshore accommodation platform or one offshore switching platform in respect of the DBS East Project offshore works; or~~

~~(c) three offshore collector platforms and/or offshore converter platforms, one offshore accommodation platform or one offshore switching platform in respect of the DBS West Project offshore works.~~

(2) The dimensions of any offshore ~~electrical installation~~ converter platform (excluding helidecks, lightning protection, towers, masts and cranes) must not exceed:—

- (a) 125 metres in length;
- (b) 100 metres in width; or
- (c) 105 metres in height above LAT.

*Offshore ~~electrical installation~~ converter platform foundations*

5.—(1) Offshore converter platforms and offshore accommodation platform foundations must be of one or more of the following foundation options: piled monopile, or piled jacket.

~~(2) Offshore switching platform foundations must be of one or more of the following foundation options: piled monopile, piled jacket, gravity based foundation. If the offshore switching platform is within the Dogger Bank SAC it must not have a gravity based foundation.~~

(2) No offshore ~~electrical installation~~ converter platform or offshore accommodation platform piled monopile foundation ~~or offshore switching platform piled monopile foundation~~ may have a pile diameter exceeding 15 metres.

(3) No offshore ~~electrical installation~~ converter platform or offshore accommodation platform piled jacket foundation may:—

- (a) have more than eight legs;
- (b) have more than eight piles; or
- (c) have a pile diameter exceeding 3.8 metres.

(4) No offshore switching converter platform ~~gravity base structure foundation may —~~

- ~~(d) have a seabed base plate exceeding 65 metres in diameter; or~~
- ~~(e) have a gravel footing exceeding 268 metres in diameter.~~

~~No offshore electrical installation~~ or offshore accommodation platform foundation may:—

- (a) have a seabed footprint (including scour protection) exceeding 5,411 square metres for piled monopile or piled jacket foundations, ~~or 56,410 square metres for gravity based foundations; or, or~~
- (b) have a seabed footprint (excluding scour protection) exceeding 177 square metres for piled monopile or piled jacket foundations, ~~or 3,317 square metres for gravity based foundations.~~

(5) Within Work Nos. 4A and 4B, the offshore accommodation platform foundations must not have:—

- (a) a total combined seabed footprint (including scour protection) exceeding 5,411 square metres; or
- (b) a total combined amount of scour protection exceeding 5,234 square metres.

~~(3)~~(2) Within Work Nos. 2A and 2B, the offshore converter ~~platforms and/or offshore collector platforms~~ platform foundations must not have:—

- (a) a total combined seabed footprint (including scour protection) exceeding ~~32,466~~10,822 square metres; or
- (b) a total combined amount of scour protection exceeding ~~31,404~~10,468 square metres.

~~(4) Within Work Nos. 6A and 6B, the offshore switching platform foundations must not have:—~~

- ~~(a) a total combined seabed footprint (including scour protection) exceeding 56,410 square metres; or~~
- ~~(b) a total combined amount of scour protection exceeding 53,092 square metres.~~

~~(5)~~(3) The total volume of scour protection for wind turbine generators, offshore ~~electrical installations~~ converter platforms and offshore accommodation platforms must not exceed ~~1,236,823~~067,840 cubic metres.

#### *Cables and cable protection*

6.—(1) Within Work No. 1A the array cables must not, in total:—

- (a) exceed ~~3250~~3750 kilometres in length;
- (b) exceed ~~1520~~3750 cable crossings;
- (c) have cable protection (including cable crossings) exceeding ~~349,710~~375,780 square metres in area; or
- (d) have cable protection (including cable crossings) exceeding ~~203,925~~219,115 cubic metres in volume.

(2) Within Work Nos. 1B the array cables must not, in total:—

- (a) exceed ~~3250~~3750 kilometres in length;
- (b) exceed ~~2520~~3750 cable crossings;
- (c) have cable protection (including cable crossings) exceeding ~~371,850~~375,780 square metres in area; or
- (d) have cable protection (including cable crossings) exceeding ~~218,125~~219,115 cubic metres in volume.

(3) Within Work Nos. 2A the inter-platform cables must not, in total:—

- (a) exceed ~~41~~41 in number;
- (b) exceed ~~11523~~41 kilometres in length;
- (c) exceed ~~41~~41 cable crossings;
- (d) have cable protection (including cable crossings) exceeding ~~207,812~~43,203 square metres in area; or
- (e) have cable protection (including cable crossings) exceeding ~~188,545~~39,207 cubic metres in volume.

(4) Within Work Nos. 2B the inter-platform cables must not, in total:—

- (a) exceed ~~41~~41 in number;
- (b) exceed ~~12923~~41 kilometres in length;
- (c) exceed ~~21~~41 cable crossings;
- (d) have cable protection (including cable crossings) exceeding ~~217,734~~43,203 square metres in area; or
- (e) have cable protection (including cable crossings) exceeding ~~197,560~~39,207 cubic metres in volume.



- (5) Within Work Nos. 3A, the offshore export cables must not, in total:—
- (f) exceed 2 in number;
  - (a) exceed 376 kilometres in length;
  - (b) exceed 24 cable crossings;
  - (c) have cable protection (including cable crossings) exceeding 1,147,415 square metres in area; or
  - (d) have cable protection (including cable crossings) exceeding 1,041,142 cubic metres in volume.
- (6) Within Work Nos. 3B the offshore export cables must not, in total:—
- (a) exceed 2 in number;
  - (b) exceed 306 kilometres in length;
  - (c) exceed 24 cable crossings;
  - (d) have cable protection (including cable crossings) exceeding 936,074 square metres in area; or
  - (e) have cable protection (including cable crossings) exceeding 849,406 cubic metres in volume.
- (7) Within Work Nos. 5A and 5B the inter-platform cables must not, in total:—
- (a) exceed 3 in number;
  - (b) exceed ~~98~~138 kilometres in length;
  - (c) exceed 9 cable crossings;
  - (d) have cable protection (including cable crossings) exceeding ~~211,248~~286,808 square metres in area; or
  - (e) have cable protection (including cable crossings) exceeding ~~187,280~~260,234 cubic metres in volume.
- (8) Within Work Nos. 8A and 8B the offshore export cables must not, in total:—
- (a) exceed 4 in number;
  - (b) involve cable crossings;
  - (c) have any cable protection.

### **Offshore decommissioning**

7.—(1) The DBS East Project offshore works must not be commenced until a written decommissioning programme in compliance with any notice served upon the undertaker by the Secretary of State pursuant to section 105(2)(a) (requirement to prepare decommissioning programmes) of the 2004 Act has been submitted to the Secretary of State for approval.

(2) The DBS West Project offshore works must not be commenced until a written decommissioning programme in compliance with any notice served upon the undertaker by the Secretary of State pursuant to section 105(2) (requirement to prepare decommissioning programmes) of the 2004 Act has been submitted to the Secretary of State for approval.

### **Phases of authorised development**

8.—(1) The DBS East Project onshore works must not be commenced until a written scheme setting out the phases of construction of the DBS East Project onshore works has been submitted to and approved by the relevant planning authority.

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(a) Section 105(2) was substituted by section 69(3) of the Energy Act 2008 (c. 32).

(2) The DBS West Project onshore works must not be commenced until a written scheme setting out the phases of construction of the DBS West Project onshore works has been submitted to and approved by the relevant planning authority.

(3) Any subsequent amendments to any written scheme submitted for approval under sub-paragraphs (1) and (2) must be submitted to, and approved by, the relevant planning authority.

(4) Each written scheme submitted for approval under sub-paragraphs (1) and (2) scheme must be implemented as approved. The approved details shall be taken to include any amendment that may subsequently be approved in accordance with sub-paragraph (3).

(5) The DBS East onshore works must not be commenced until notification has been submitted to the relevant planning authority by the undertaker as to whether DBSWL intends to commence development of the DBS West Project.

(6) The notification required under sub-paragraph (5) must be submitted to the relevant planning authority prior to submission of a written scheme to be submitted for approval under sub-paragraphs (1) or (2).

(7) If the notification submitted under sub-paragraph (5) gives notice that DBSWL does not intend to commence development of the DBS West Project, DBSEL must not commence construction of Work No. 25A.

(8) If the notification submitted under sub-paragraph (5) gives notice that DBSWL does intend to commence development of the DBS West Project, DBSEL must not commence construction of Work No. 26A.

#### **Detailed design parameters onshore**

9.—(1) Construction of Work No. 25A or 26A (as appropriate in accordance with requirement 8) must not commence until the details specified under sub-paragraph (3) have been submitted to and approved in writing by the relevant planning authority.

(2) Construction of Work No. 26B must not commence until the details specified under sub-paragraph (3) have been submitted to and approved in writing by the relevant planning authority.

(3) The details required for approval in accordance with either sub-paragraphs (1) or (2) are:—

- (a) layout;
- (b) scale;
- (c) proposed finished ground levels;
- (d) external appearance and materials;
- (e) hard surfacing materials;
- (f) vehicular and pedestrian access and parking areas;
- (g) minor structures, such as furniture, refuse or other storage units, signs and external lighting; and
- (h) proposed and existing functional services above and below ground, including drainage, power and communications cables and pipelines, manholes and supports.

(4) The details submitted under sub-paragraphs (1) or (2) and under requirement 13 (Permanent fencing and other means of enclosure) must be in accordance with the design and access statement.

(5) Work Nos. 25A or 26A and 26B must be carried out in accordance with the details approved under sub-paragraphs (1) or (2) for each work.

(6) The permanent access road to the onshore DBS East Project converter station and onshore DBS West Project converter station must not commence until details of its precise location and width have been submitted to and approved in writing by the relevant planning authority.

(7) The permanent access road to the onshore DBS East Project converter station and onshore DBS West Project converter station must be carried out in accordance with the details approved under sub-paragraph (6).

### **Provision of landscaping**

**10.**—(1) Any phase of the onshore works must not be commenced until a written landscape management plan (which accords with the outline landscape management plan) for that phase has been submitted to, and approved by, the relevant planning authority.

(2) Each landscape management plan must include details of all proposed hard and soft landscaping works, including—

- (a) surveys, assessments and method statements;
- (b) location, number, species, size and planting density of any proposed planting;
- (c) cultivation, treatment of materials and other operations to ensure plant establishment;
- (d) proposed finished ground levels;
- (e) details of existing trees and hedges to be removed and details of existing trees and hedges to be retained, with measures for their protection during the construction period where applicable and the details provided should be in accordance with British Standard 5837:2012 “Trees in relation to design, demolition and construction” and the Hedgerow Regulations 1997; and
- (f) implementation timetables for all landscaping works, including proposals for reinstatement.

(3) A landscape management plan submitted under sub-paragraph (1) may cover one or more phase of the onshore works.

(4) Each landscape management plan must be implemented as approved.

### **Implementation and maintenance of landscaping**

**11.**—(1) All landscaping works must be carried out in accordance with a landscape management plan approved under requirement 10 (provision of landscaping).

(2) Any tree or shrub planted as part of an approved landscape management plan that, within five years after planting, is removed, dies or becomes, in the opinion of the relevant planning authority, seriously damaged or diseased, must be replaced in the next planting season with a specimen of the same species and size as that originally planted, unless otherwise agreed by the relevant planning authority.

### **Ecological management plan**

**12.**—(1) Any phase of the onshore works must not be commenced until a written ecological management plan (which accords with the outline ecological management plan) for that phase reflecting the survey results and ecological mitigation and enhancement included in the environmental statement has been submitted to and approved by the relevant planning authority in consultation with the relevant statutory nature conservation body and (where works have potential to affect wetland habitat) the Environment Agency.

(2) Pre-commencement site clearance works must only take place in accordance with a specific written ecological management plan for site clearance works (which accords with the relevant details for pre-commencement site clearance works in the outline ecological management plan) has been submitted to and approved by the relevant planning authority in consultation with the relevant statutory nature conservation body and (where works have potential to affect wetland habitat) the Environment Agency.

(3) Any ecological management plan submitted under sub-paragraph (1) may cover one or more phase of the onshore works.

(4) Each ecological management plan must include an implementation timetable and must be carried out as approved.

### **Permanent fencing and other means of enclosure**

13.—(1) No phase of the onshore works may be brought into use until details of all proposed permanent fences, walls or other means of enclosure for that phase have been submitted to and approved by the relevant planning authority.

(2) All permanent fencing, walls and other means of enclosure must be in accordance with the details approved under sub-paragraph (1).

(3) Any approved permanent fencing in relation to Work Nos. 25A or 26A and 26B must be completed before that work is brought into use.

(4) Any details submitted under sub-paragraph (1) may cover one or more phase of the onshore works.

(5) Permanent fencing, walls and other means of enclosure approved under sub-paragraph (1) must be provided and maintained until the onshore works to which they relate are decommissioned in accordance with the onshore decommissioning plan approved under requirement 27 (*onshore decommissioning*).

### **Traffic and Transport**

14.—(1) Any phase of the onshore works must not be commenced until a construction traffic management plan (which must be in accordance with the outline construction traffic management plan) has for that phase been submitted to and approved by the relevant planning authority in consultation with the relevant highway authority and National Highways or Hull City Council on matters related to their respective functions as specified in the outline construction traffic management plan.

(2) Any plan submitted under sub-paragraph (1) may cover one or more phase of the onshore works.

(3) Each plan approved under sub-paragraph (1) must be implemented upon commencement of the relevant phase of the onshore works.

### **Highway accesses**

15.—(1) Construction of any new permanent or temporary means of access to a highway, or alteration, or use of an existing means of access to a highway, must not commence until an access plan for that access has been submitted to and approved by the relevant planning authority in consultation with the relevant highway authority.

(2) The access plan must include details of the siting, design, layout, visibility splays, access management measures, lighting, signing, safety measures and a maintenance programme relevant to the access it relates to.

(3) The highway accesses (including visibility splays) must be constructed and maintained in accordance with the approved details.

### **Construction and Operational Drainage Strategy**

16.—(1) Any phase of the onshore works must not be commenced until a written plan for drainage during construction of the relevant phase has been submitted to and approved by the relevant planning authority in consultation with the lead local flood authority and the Environment Agency.

(2) Any phase of the onshore works must not be commenced until a written plan for drainage during operation of the relevant work, has been submitted to and approved by the relevant planning authority in consultation with the lead local flood authority and the Environment Agency.

(3) Each construction drainage strategy and each operational drainage strategy must accord with the principles for the relevant phase set out in the outline drainage strategy, must include a

timetable for implementation, and must include provision for the maintenance of any measures identified.

(4) Each construction drainage strategy and operational drainage strategy must be implemented as approved.

(5) Any construction drainage strategy and operational drainage strategy submitted under sub-paragraphs (1) and (2) may cover one or more phases.

### **Foul Water Drainage**

17.—(1) Any phase of the onshore works must not be commenced until written details of the foul water drainage system (if any) (including means of pollution control) for the construction of that phase of the onshore works have been submitted to and approved by the relevant drainage and sewerage authorities in consultation with the lead local flood authority and the Environment Agency.

(2) Any phase of the onshore works must not be commenced until written details of the foul water drainage system (if any) (including means of pollution control) for the operation of that phase of the onshore works have been submitted to and approved by the relevant drainage and sewerage authorities in consultation with the lead local flood authority and the Environment Agency.

(3) The foul water drainage system must be constructed, operated and maintained in accordance with the approved details.

(4) Any details submitted under sub-paragraphs (1) and (2) may cover one or more phase of the onshore works.

### **Onshore Archaeology**

18.—(1) Any phase of the onshore works must not be commenced until a written scheme of archaeological investigation for that phase (which must accord with the outline onshore written scheme of investigation) has, after consultation with the statutory historic body, been submitted to and approved by the relevant planning authority in consultation with the statutory historic body.

(2) Each scheme must:—

- (a) set out a pre-construction programme of archaeological evaluation that defines the extent and character of archaeological sites and identifies where subsequent archaeological mitigation (i.e. archaeological excavation or monitoring) are required;
- (b) set out the programme and methodology for site investigation and recording;
- (c) set out the programme for post-excavation assessment, the results of which may inform the scope of analysis;
- (d) provision to be made for analysis of the site investigation and recording;
- (e) provision to be made for publication and dissemination of the analysis and records of the site investigation;
- (f) provision to be made for archive deposition of the analysis and records of the site investigation; and
- (g) nominate a competent person or organisation to undertake the works set out in the written scheme of investigation.

(3) Any written scheme of archaeological investigation or archaeological monitoring works submitted under sub-paragraph (1) may cover one or more phase of the onshore works.

(4) Any archaeological investigations must be carried out in accordance with a scheme approved under sub-paragraph (1).

(5) The pre-construction archaeological evaluation, archaeological site investigations, archaeological monitoring and post-excavation assessment for each phase must be completed for that phase in accordance with the programme set out in the relevant written scheme of

archaeological investigation and provision made for analysis, publication and dissemination of results and archive deposition secured for that phase.

(6) For the purposes of this requirement 18 only, the definition of “commence” includes intrusive archaeological investigations.

### **Code of construction practice**

**19.—**(1) Any phase of the onshore works must not be commenced until a code of construction practice (which must accord with the outline code of construction practice) for that phase has been submitted to and approved by the relevant planning authority in consultation as appropriate with the Environment Agency, the relevant statutory nature conservation body and the MMO where required.

(2) Any code of construction practice submitted under sub-paragraph (1) may cover one or more phase of the onshore works.

(3) All construction works for each phase must be undertaken in accordance with the relevant approved code of construction practice.

(4) Pre-commencement screening and fencing works must only take place in accordance with a specific plan for such pre-commencement works which must accord with the relevant details for screening and fencing security set out in the outline code of construction practice, and which has been submitted to and approved by the relevant planning authority.

(5) Any temporary fencing must be removed on completion of the relevant phase of the onshore works unless otherwise approved by the relevant planning authority following consultation with the relevant statutory nature conservation body.

### **Construction hours for the onshore works**

**20.—**(1) Construction work for the onshore works must only take place between 0700 hours and 1900 hours Monday to Saturday, with no activity on Sundays, bank holidays or public holidays, except as specified in sub-paragraphs (2) to (4).

(2) Outside the hours specified in sub-paragraph (1), construction work may be undertaken for essential activities including but not limited to:—

- (a) continuous periods of operation that are required as assessed in the environmental statement, such as concrete pouring, drilling, and pulling cables (including fibre optic cables) through ducts and trenchless crossings;
- (b) internal fitting out works associated with the onshore HVDC converter station buildings comprised within Work Nos. 25A or 26A and 26B;
- (c) delivery of abnormal loads to the onshore works that may otherwise cause congestion on the local road network;
- (d) the testing or commissioning of any electrical plant installed as part of the onshore works;
- (e) security monitoring; or
- (f) activity necessary in the instance of an emergency or where there is an immediate risk to persons, the environment, delivery of electricity, or property.

(3) Save for emergency works, full details, including but not limited to type of activity, vehicle movements and type, timing and duration and any proposed mitigation, of all essential construction activities under sub-paragraph (2) and undertaken outside of the hours specified in sub-paragraph (1) must be approved by the relevant planning authority in writing in advance, and must be carried out within the agreed time.

(4) In the event of an emergency, notification of that emergency must be given to the relevant planning authority and the relevant highway authority as soon as reasonably practicable.

(5) For the purposes of this requirement “emergency” means a situation where, if the relevant action is not taken, there will be adverse health, safety, security or environmental consequences

that in the reasonable opinion of the undertaker would outweigh the adverse effects to the public (whether individuals, classes or generally as the case may be) of taking that action.

### **Control of noise during operational phase**

**21.**—(1) Prior to the commencement of Work No. 25A or 26A a noise management plan for those works must be submitted to and approved by the relevant planning authority.

(2) Prior to the commencement of Work No. 26B a noise management plan for those works must be submitted to and approved by the relevant planning authority.

(3) Any noise management plan submitted under sub-paragraphs (1) or (2) must set out the particulars of:—

- (a) an assessment of noise from the converter station, demonstrating that the rating level of the converter station sound (determined in accordance with British Standard 4142:2014+A1:2019 ‘Methods for rating and assessing industrial and commercial noise’) does not exceed the following levels at daytime (0700 – 2300 hours) and nighttime (2300 – 0700 hours) at the stated properties (OSGB coordinates provided):
  - (i) 50 dB(A) daytime and 40 dB(A) nighttime at Butt Farm, Victoria Road (X:502021, Y:437000);
  - (ii) 58 dB(A) daytime and 40 dB(A) nighttime at:
    - (aa) 158 Victoria Road (X:502448, Y:437129);
    - (bb) Maurice Wood, Jocks Lodge, Victoria Road (X:502509, Y:436990);
    - (cc) Bentley Lodge, Victoria Road (X:502572, Y:436762);
    - (dd) Spring Mount, Victoria Road (X:502558, Y:436638);
    - (ee) Rose Villa, Bentley (X:502533, Y:436495);
  - (iii) 49 dB(A) daytime and 40 dB(A) nighttime at:
    - (aa) Lake Farm, Bentley (X:501894, Y:435945);
    - (bb) Church Cottage, Bentley (X:501974, Y:435973);
    - (cc) St Peters House, Bentley (X:501985, Y:435982);
    - (dd) 1-4 Manor Farm Cottages, Bentley (X:502107, Y:436022);
    - (ee) Keeper’s Cottage, Bentley (X:502147, Y:436035);
    - (ff) Rose Cottage, Bentley (X:502159, Y:436035);
- (b) a scheme for monitoring noise levels which must include:—
  - (i) the circumstances under which noise will be monitored;
  - (ii) the locations at which noise will be monitored;
  - (iii) the method of noise measurement (which must be in accordance with British Standard 4142:2014+A1:2019 ‘Methods for rating and assessing industrial and commercial noise’, an equivalent successor standard or other agreed noise measurement methodology appropriate to the circumstances); and
- (c) a scheme for a complaints procedure.

(4) Any noise management plan approved under sub-paragraphs (1) or (2) must be implemented as approved.

### **Control of artificial light emissions**

**22.**—(1) Work No. 25A or 26A must not be brought into operation until a written scheme for the management and mitigation of artificial light emissions during the operation of that work has been submitted to and approved by the relevant planning authority.

(2) Work No. 26B must not be brought into operation until a written scheme for the management and mitigation of artificial light emissions during the operation of that work has been submitted to and approved by the relevant planning authority.

(3) Any scheme approved under sub-paragraphs (1) or (2) must be implemented as approved and thereafter operated and maintained in accordance with the approved details.

### **European protected species: onshore**

**23.**—(1) Any phase of the onshore works must not be commenced until final pre-construction survey work has been carried out to establish whether a European protected species is present on any of the land affected, or likely to be affected, by that phase of the onshore works or in any of the trees to be lopped or felled as part of that phase of the onshore works.

(2) Where a European protected species is shown to be present, the relevant phase of the onshore works must not commence until a European protected species licence has been granted by the relevant statutory nature conservation body.

(3) The onshore works must be carried out in accordance with any approved European protected species licence.

(4) In this requirement “European protected species” has the same meaning as in regulations 42 (European protected species of animals) and 46 (European protected species of plants) of the 2017 Regulations.

### **Public Rights of Way Management Plan**

**24.**—(1) No phase of the onshore works that would affect a public right of way specified in Schedule 4 is to be undertaken until a public rights of way management plan in respect of that phase and in accordance with the outline public rights of way management plan, including the specification for making up of an alternative right of way (where appropriate) has been submitted to and approved by the relevant planning authority.

(2) Any alternative public rights of way must be implemented in accordance with the approved public rights of way management plan.

(3) Any public rights of way management plan submitted under sub-paragraph (1) may cover one or more phases of the onshore works.

### **Restoration of land used temporarily for construction**

**25.** Subject to article 30 (*temporary use of land for carrying out the authorised project*), any land landward of MLWS within the Order limits that is used temporarily for construction of the onshore works, and not ultimately incorporated in permanent works or approved landscaping, must be reinstated to its former condition, or such condition as the relevant planning authority may approve in consultation with, where appropriate, the MMO, as soon as reasonably practicable and in any event within 12 months of completion of the relevant phase of the onshore works, or such other period as the relevant planning authority may approve.

### **Skills and employment**

**26.**—(1) Any phase of the onshore works must not be commenced until a skills and employment strategy in respect of that phase (which accords with the outline skills and employment strategy) has been submitted to and approved in writing by the relevant planning authority.

(2) Each skills and employment strategy must be implemented as approved.

(3) Any skills and employment strategy submitted under sub-paragraph (1) may cover one or more phases of the onshore works.



### **Onshore decommissioning**

27.—(1) Within six months of the permanent cessation of commercial operation of the DBS East Project onshore works, an onshore decommissioning plan must be submitted by DBSEL to the relevant planning authority for approval unless otherwise agreed in writing by the relevant planning authority.

(2) Within six months of the permanent cessation of commercial operation of the DBS West Project onshore works, an onshore decommissioning plan must be submitted by DBSWL to the relevant planning authority for approval unless otherwise agreed in writing by the relevant planning authority.

(3) The relevant planning authority must provide its decision on any onshore decommissioning plan submitted under sub-paragraphs (1) or (2) within three months of submission of each plan unless otherwise agreed in writing between the relevant planning authority and the undertaker.

(4) Any decommissioning plan approved under this requirement must be implemented as approved.

### **Notification of generation of power**

28.—(1) DBSEL must notify the relevant planning authority and the MMO upon first generation of power from each phase of the DBS East Project no later than seven days after the occurrence of this event.

(2) DBSWL must notify the relevant planning authority and the MMO upon first generation of power from each phase of the DBS West Project no later than seven days after the occurrence of this event.

### **Contaminated land and groundwater scheme**

29.—(1) Pre-commencement remedial work and onshore works in respect of any identified ground contamination that is likely to cause significant harm to persons or pollution of controlled waters or the environment, must only take place in accordance with a scheme to deal with the contamination of that land (including groundwater), which scheme must be submitted to, and approved by, the relevant planning authority in consultation with the Environment Agency.

(2) Each scheme submitted under sub-paragraph (1) must include an investigation and assessment report, prepared by a specialist consultant to identify the extent of any contamination and the remedial measures to be taken for that stage to render the land fit for its intended purpose, together with a management plan which sets out measures in the event that contamination not previously identified is found to be present and long-term measures with respect to any contaminants remaining on the site.

(3) Such remediation as may be identified in each approved scheme must be carried out in accordance with that approved scheme.

### **Port traffic**

30.—(1) Work Nos. 1A or 1B must not be commenced until—

- (a) a port construction traffic management plan for the onshore port-related traffic to and from the construction port or ports and relating to that part of the authorised project, has been submitted to and approved by the relevant highway authority in consultation with the relevant planning authority; or
- (b) the relevant highway authority has confirmed, after consultation with the relevant planning authority, that no port construction traffic management plan is required for that part of the authorised project.

(2) Work Nos. 1A or 1B must not begin operating until:—

- (a) a port travel plan for the onshore port-related traffic to and from the operation port or ports and relating to that part of the authorised project, has been submitted to and

approved by the relevant highway authority in consultation with the relevant planning authority; or

- (b) the relevant highway authority has confirmed, after consultation with the relevant planning authority, that no port travel plan is required for that part of the authorised project.

(3) The port construction traffic management plan must be implemented as approved at all times specified within the port construction traffic management plan during the construction of the authorised project.

(4) The port travel plan must be implemented as approved at all times specified within the port travel plan during the operation of the authorised project.

(5) For the purposes of this requirement—

“relevant planning authority” and “relevant highway authority” mean—

- (a) in respect of sub-paragraph (1), the planning or highway authority or authorities in whose area the relevant construction port is located; and
- (b) in respect of sub-paragraph (2), the planning or highway authority or authorities in whose area the relevant operation port is located;

“construction port” or “ports” means a port or ports situated in England and/or Wales and used for construction of the authorised project; and

“operation port” or “ports” means a port or ports situated in England and/or Wales and used by management personnel for the ongoing operational management of the authorised project.

### **Ministry of Defence Radar Mitigation**

**31.**—(1) Where the layout plan for the DBS West Project approved under condition 15 of Deemed Marine Licence 2 would have unacceptable effects on the air defence radar capability of Remote Radar Head (RRH) Staxton Wold, no relevant wind turbine generator forming part of the DBS West Project is permitted to rotate its rotor blades on its horizontal axis until the Secretary of State, having consulted with the Ministry of Defence, confirms satisfaction that appropriate mitigation will be implemented and maintained for the life of the authorised project and that arrangements have been put in place with the Ministry of Defence to ensure that the approved mitigation is implemented.

(2) For the purposes of this requirement—

“appropriate mitigation” means measures to prevent or remove any unacceptable effects which the authorised project will have on air defence radar capability of RRH Staxton Wold and the Ministry of Defence’s air surveillance and control operations that it supports;

“approved mitigation” means the detailed Radar Mitigation Scheme (RMS) that will set out the appropriate measures and timescales for implementation as agreed with the Ministry of Defence at the time the Secretary of State confirms satisfaction in accordance with sub-paragraph (1); and

“Ministry of Defence” means the Ministry of Defence as represented by Defence Infrastructure Organisation – Safeguarding, St George’s House, DIO Head Office, DMS Whittington, Lichfield, Staffordshire, WS14 9PY or any successor body.

(3) The undertaker must thereafter comply with all other obligations contained within the approved mitigation for the life of the authorised project.

### **Biodiversity net gain**

**32.**—(1) Any phase of the onshore works must not be commenced until a biodiversity net gain strategy (in accordance with the biodiversity gain strategy forming Appendix 18-10 of the environmental statement) in relation to that phase has been submitted and approved by the relevant planning authority in consultation with the relevant statutory nature conservation body.

(2) Any biodiversity net gain strategy submitted under sub-paragraph (1) may cover one or more phases of the onshore works.

(3) The biodiversity net gain strategy for each phase must be implemented as approved.

### **Onshore monitoring plan**

**33.**—(1) Any phase of the onshore works must not be commenced until an onshore operational monitoring plan (in accordance with the outline code of construction practice) in relation to that phase has been submitted to and approved by the relevant planning authority.

(2) Any onshore operational monitoring plan submitted under sub-paragraph (1) may cover one or more phases of the onshore works.

(3) The onshore operational monitoring plan for each phase must be implemented as approved.

### **Amendments to approved details**

**34.**—(1) Where any requirement requires the authorised project to be carried out in accordance with the details approved by the relevant planning authority or another person (the “approving authority”), the approved details must be taken to include any amendments that may subsequently be approved by the approving authority (after consulting any person that the approving authority is required to consult under the relevant requirement).

(2) The approving authority must not approve an amendment unless it is satisfied that the amendment is unlikely to give rise to any materially new or materially different environmental effects from those assessed in the environmental statement.

### **Onshore collaboration**

**35.** DBSEL and DBSWL must—

- (a) before submitting any plan or document required to be submitted for approval under the requirements to the relevant discharging authority, provide a copy of the plan or document to the other undertaker to enable the other undertaker to provide comments on the relevant plans and documentation; and
- (b) when submitting any plan or document referred to in sub-paragraph (a) for approval, submit to the relevant discharging authority any comments duly received from the other undertaker or a statement confirming that no such comments were received.

## **PART 2**

### **Approval of matters specified in requirements**

#### **Applications made under requirements**

**1.** In this Part of this Schedule, “discharging authority” means—

- (a) any body responsible for giving any consent, agreement or approval required by a requirement included in Part 1 of this Schedule, or for giving any consent, agreement or approval further to any document referred to in any such requirement; or
- (b) the local authority in the exercise of its functions set out in sections 60 (control of noise on construction sites) and 61 (prior consent for work on construction sites) of the Control of Pollution Act 1974 subsequently referred to as “the 1974 Act”(a).

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(a) 1974 c.40 Section 61 was amended by Schedule 7 to the Building Act 1984 (c.55), Schedule 15 to the Environmental Protection Act 1990 (c.43) and Schedule 24 to the Environment Act 1995 (c.25).

2.—(1) Where an application has been made to the discharging authority for any consent, agreement or approval required pursuant to a requirement included in Part 1 of this Schedule, or for any consent, agreement or approval further to any document referred to in any such requirement, the discharging authority must give notice to the undertaker of its decision on the application within a period of eight weeks beginning with—

- (a) the day immediately following that on which a valid application is received by the discharging authority (such validity to be confirmed by the discharging authority within five days of receipt of the application);
- (b) where further information is requested under paragraph 3, the day immediately following that on which the further information has been supplied by the undertaker; or
- (c) such longer period as may be agreed in writing by the undertaker and the discharging authority.

(2) In determining any application made to the discharging authority for any consent, agreement or approval required by a requirement contained in Part 1 of this Schedule, the discharging authority may—

- (a) give or refuse its consent, agreement or approval; or
- (b) give its consent, agreement or approval either subject to reasonable conditions, or unconditionally.

(3) In the event that the discharging authority does not determine an application within the period set out in sub-paragraph (1), the discharging authority is to be taken to have granted all parts of the application (without any condition or qualification) at the end of that period.

(4) In this Part of this Schedule, references to the “undertaker” should be read as a reference to the undertaker who submitted the relevant application.

### **Further information**

3.—(1) In relation to any application referred to in paragraph (2), the discharging authority may request such further information from the undertaker as it considers necessary to enable it to consider the application.

(2) If the discharging authority considers that further information is necessary, and the requirement concerned contained in Part 1 of this Schedule does not specify that consultation with a consultee is required, the discharging authority must, within ten days of receipt of the application, notify the undertaker in writing specifying the further information required.

(3) If the requirement concerned contained in Part 1 of this Schedule specifies that consultation with a consultee is required, the discharging authority must issue the application to the consultee within five working days of receipt of the application, and notify the undertaker in writing specifying any further information requested by the consultee within five working days of receipt of such a request.

(4) If the discharging authority does not give the notification within the period specified in sub-paragraphs (2) or (3) it (and the consultee, as the case may be) is deemed to have sufficient information to consider the application and is not entitled to request further information without the prior agreement of the undertaker.

### **Appeal**

4.—(1) Where a person (“the applicant”) makes an application to a discharging authority, the applicant may appeal to the Secretary of State in the event that—

- (a) The discharging authority refuses an application for any consent, agreement or approval required by—
  - (i) a requirement contained in Part 1 of this Schedule; or
  - (ii) a document referred to in any requirement contained in Part 1 of this Schedule.

- (b) the discharging authority issues a notice further to sections 60 (control of noise on construction sites) or 61 (prior consent for work on construction sites) of the 1974 Act;
- (c) on receipt of a request for further information pursuant to paragraph (3), the applicant considers that either the whole or part of the specified information requested by the discharging authority is not necessary for the consideration of the application; or
- (d) on receipt of any further information requested, the discharging authority notifies the applicant that the information provided is inadequate and requests additional information which the undertaker considers is not necessary for the consideration of the application.

(2) The appeal process is to be as follows—

- (a) any appeal by the applicant must be made within 42 days of the date of the notice of the decision or determination, or (where no determination has been made) the expiry of the time period set out in paragraph 2(1), giving rise to the appeal referred to in sub-paragraph (1);
- (b) the applicant must submit the appeal documentation to the Secretary of State and must on the same day provide copies of the appeal documentation to the discharging authority and any consultee specified under the relevant requirement contained in Part 1 of this Schedule;
- (c) as soon as is practicable after receiving the appeal documentation, the Secretary of State must appoint a person to consider the appeal (“the appointed person”) and must notify the appeal parties of the identity of the appointed person and the address to which all correspondence for the attention of the appointed person should be sent;
- (d) the discharging authority and any consultee (if applicable) must submit their written representations together with any other representations to the appointed person in respect of the appeal within 20 working days of the start date specified by the appointed person and must ensure that copies of their written representations and any other representations as sent to the appointed person are sent to each other and to the applicant on the day on which they are submitted to the appointed person;
- (e) the applicant must make any counter-submissions to the appointed person within 20 working days of receipt of written representations pursuant to sub-paragraph (d) above; and
- (f) the appointed person must make a decision and notify it to the appeal parties, with reasons, as soon as reasonably practicable after the end of the 20 day period for counter-submissions under sub-paragraph (e).

(3) The appointment of the person pursuant to sub-paragraph (2)(c) may be undertaken by a person appointed by the Secretary of State for this purpose instead of by the Secretary of State.

(4) In the event that the appointed person considers that further information is necessary to consider the appeal, the appointed person must notify the appeal parties in writing specifying the further information required, the appeal party from whom the information is sought, and the date by which the information is to be submitted.

(5) Any further information required under sub-paragraph (4) must be provided by the appeal party from whom the further information was requested to the appointed person and the other appeal parties by the date specified by the appointed person. The appointed person must notify the appeal parties of the revised timetable for the appeal on or before that day. The revised timetable for the appeal must require submission of written representations to the appointed person within ten working days of the date specified by the appointed person but must otherwise be in accordance with the process and time limits set out in sub-paragraphs (2)(c) to (2)(e).

(6) On an appeal under this paragraph, the appointed person may—

- (a) allow or dismiss the appeal; or
- (b) reverse or vary any part of the decision of the discharging authority (whether the appeal relates to that part of it or not),
- (c) and may deal with the application as if it had been made to the appointed person in the first instance.

(7) The appointed person may proceed to a decision on an appeal taking into account such written representations as have been sent within the relevant time limits and in the sole discretion of the appointed person such written representations as have been sent outside of the relevant time limits.

(8) The appointed person may proceed to a decision even though no written representations have been made within the relevant time limits, if it appears to the appointed person that there is sufficient material to enable a decision to be made on the merits of the case.

(9) The decision of the appointed person on an appeal is final and binding on the parties, and a court may entertain proceedings for questioning the decision only if the proceedings are brought by a claim for a judicial review.

(10) If an approval is given by the appointed person pursuant to this Part of this Schedule, it is deemed to be an approval for the purpose of Part 1 of this Schedule as if it had been given by the discharging authority. The discharging authority may confirm any determination given by the appointed person in identical form in writing, but a failure to give such confirmation (or a failure to give it in identical form) is not to be taken to affect or invalidate the effect of the appointed person's determination.

(11) Save where a direction is given pursuant to sub-paragraph (12) requiring the costs of the appointed person to be paid by the discharging authority, the reasonable costs of the appointed person must be met by the applicant.

(12) On application by the discharging authority or the applicant, the appointed person may give directions as to the costs of the appeal parties and as to the parties by whom the costs of the appeal are to be paid. In considering whether to make any such direction and the terms on which it is to be made, the appointed person must have regard to relevant guidance on the Planning Practice Guidance website or any official circular or guidance which may from time to time replace it.

## SCHEDULE 3

Articles 8 and 13

### Streets subject to street works

#### PART 1

##### Streets subject to permanent street works

<i>(1) Area</i>	<i>(2) Street subject to permanent street works</i>
East Riding of Yorkshire	A1079 between reference points 26a and 26b and marked with a green line on the Streets Plan

#### PART 2

##### Streets subject to temporary street works

<i>(1) Area</i>	<i>(2) Street subject to temporary street works</i>
East Riding of Yorkshire	North Turnpike between the reference points 1a and 1b and marked with a purple line on sheet 1 of the Streets Plan
East Riding of Yorkshire	Cliff Road between the reference points 2a and 2b and marked with a green line on sheet 5 of the Streets Plan
East Riding of Yorkshire	B1242 (Hornsea Road) between the reference points 2c and 2d and marked with a green line on sheet 5 of the Streets Plan
East Riding of Yorkshire	B1242 (Hornsea Road) between the reference points 2e and 2f and marked with a green line on sheet 5 of the Streets Plan
East Riding of Yorkshire	Bewholme Lane between the reference points 3a and 3b and marked with a green line on sheet 6 of the Streets Plan

East Riding of Yorkshire	Dunnington Lane between the reference points 4a and 4b and marked with a green line on sheet 7 of the Streets Plan
East Riding of Yorkshire	Dunnington Lane between the reference points 5a and 5b and marked with a green line on sheet 8 of the Streets Plan
East Riding of Yorkshire	Dunnington Lane between the reference points 5c and 5d and marked with a green line on sheet 8 of the Streets Plan
East Riding of Yorkshire	A165 (Beverley Road) between the reference points 5e and 5f and marked with a green line on sheet 8 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 6a and 6b and marked with a purple line on sheet 11 of the Streets Plan
East Riding of Yorkshire	Billings Lane between the reference points 7a and 7b and marked with a green line on sheet 12 of the Streets Plan
East Riding of Yorkshire	Catfoss Road between the reference points 7c and 7d and marked with a green line on sheet 12 of the Streets Plan
East Riding of Yorkshire	Harsell Lane between reference points 8a and 8b and marked with a green line on sheet 13 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 9a and 9b and marked with a purple line on sheet 15 of the Streets Plan
East Riding of Yorkshire	Catwick Heads between reference points 9c and 9d and marked with a green line on sheet 15 of the Streets Plan
East Riding of Yorkshire	A1035 (West Road) between reference points 9e and 9f and marked with a green line on sheet 15 of the Streets Plan
East Riding of Yorkshire	A1035 (West Road) between reference points 9g and 9h and marked with a green line on sheet 15 of the Streets Plan
East Riding of Yorkshire	Catwick Heads between reference points 10a and 10b and marked with a green line on sheet 16 of the Streets Plan
East Riding of Yorkshire	Catwick Heads between reference points 10c and 10d and marked with a green line on sheet 16 of the Streets Plan
East Riding of Yorkshire	Rise Lane between reference points 11a and 11b and marked with a green line on sheet 17 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 11c and 11d and marked with a purple line on sheet 17 of the Streets Plan
East Riding of Yorkshire	Riston Road between reference points 12a and 12b and marked with a green line on sheet 18 of the Streets Plan
East Riding of Yorkshire	A165 (Whitecross Road) between reference points 13a and 13b and marked with a green line on sheet 19 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 14a and 14b and marked with a purple line on sheet 20 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 14c and 14d and marked with a purple line on sheet 20 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 15a and 15b and marked with a purple line on sheet 21 of the Streets Plan
East Riding of Yorkshire	A1035 (Hornsea Road) between reference points 15c and 15d and marked with a green line on sheet 21 of the Streets Plan
East Riding of Yorkshire	Meaux Lane between reference points 16a and 16b and marked with a green line on sheet 22 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 16c and 16d and marked with a purple line on sheet 22 of the Streets Plan
East Riding of Yorkshire	A1035 (Hornsea Road) between reference points 17a and 17b and marked with a green line on sheet 23 of the Streets Plan
East Riding of Yorkshire	A1035 (Hornsea Road) between reference points 17c and 17d and marked with a green line on sheet 23 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 17e and 17f and marked with a purple line on sheet 23 of the Streets Plan

East Riding of Yorkshire	Private Access Track between reference points 17g and 17h and marked with a purple line on sheet 23 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 17i and 17j and marked with a purple line on sheet 23 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 17k and 17l and marked with a purple line on sheet 23 of the Streets Plan
East Riding of Yorkshire	A1035 (Hornsea Road) between reference points 18a and 18b and marked with a green line on sheets 24 and 25 of the Streets Plan
East Riding of Yorkshire	Eske Lane between reference points 18c and 18d and marked with a green line on sheets 24 and 25 of the Streets Plan
East Riding of Yorkshire	A1035 (Hull Bridge Road) between reference points 19a and 19b and marked with a green line on sheet 28 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 19c and 19d and marked with a purple line on sheet 28 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 20a and 20b and marked with a purple line on sheet 29 of the Streets Plan
East Riding of Yorkshire	A1035 (Grange Way) between reference points 20c and 20d and marked with a green line on sheet 29 of the Streets Plan
East Riding of Yorkshire	Ings Road between reference points 20e and 20f and marked with a green line on sheet 29 of the Streets Plan
East Riding of Yorkshire	A164 (Driffield Road) between reference points 21a and 21b and marked with a green line on sheet 30 of the Streets Plan
East Riding of Yorkshire	A1035 (Constitution Hill) between reference points 22a and 22b and marked with a green line on sheet 31 of the Streets Plan
East Riding of Yorkshire	A1035 (Constitution Hill) between reference points 22c and 22d and marked with a green line on sheet 31 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 23a and 23b and marked with a purple line on sheet 32 of the Streets Plan
East Riding of Yorkshire	A1174 (York Road) between reference points 23c and 23d and marked with a green line on sheet 32 of the Streets Plan
East Riding of Yorkshire	Newbald Road between reference points 24a and 24b and marked with a green line on sheet 33 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 25a and 25b and marked with a purple line on sheet 34 of the Streets Plan
East Riding of Yorkshire	B1230 (Broadgate) between reference points 25c and 25d and marked with a green line on sheet 34 of the Streets Plan
East Riding of Yorkshire	A1079 between reference points 26a and 26b and marked with a green line on sheet 35 of the Streets Plan
East Riding of Yorkshire	A164 (Beverley Road) between reference points 27a and 27b and marked with a green line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	Planned Jock's Lodge Highway Alignment between reference points 27c and 27d and marked with a dashed green line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	Planned Jock's Lodge Highway Alignment between reference points 27e and 27f and marked with a dashed green line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	Planned Jock's Lodge Highway Alignment between reference points 27g and 27h and marked with a dashed green line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	Planned Jock's Lodge Highway Alignment between reference points 28a and 28b and marked with a dashed green line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	Planned Jock's Lodge Highway Alignment between reference points 28c and 28d and marked with a dashed green line on sheets 36 and 37 of the Streets Plan



	37 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 28e and 28f and marked with a purple line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	Private Access Track between reference points 28g and 28h and marked with a purple line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	A1079 between reference points 29a and 29b and marked with a green line on sheets 37 and 38 of the Streets Plan
East Riding of Yorkshire	Planned Hornsea Project 4 Alignment between reference points 29c and 29d and marked with a dashed pink line on sheets 37 and 38 of the Streets Plan
East Riding of Yorkshire	Planned Hornsea Project 4 Alignment between reference points 29e and 29f and marked with a dashed pink line on sheets 37 and 38 of the Streets Plan
East Riding of Yorkshire	Planned Hornsea Project 4 Alignment between reference points 29g and 29h and marked with a dashed pink line on sheets 37 and 38 of the Streets Plan
East Riding of Yorkshire	Park Lane between reference points 30a and 30b and marked with a purple line on sheet 38 of the Streets Plan
East Riding of Yorkshire	Park Lane between reference points 30c and 30d and marked with a purple line on sheet 38 of the Streets Plan

## SCHEDULE 4

Article 10

### Streets to be temporarily closed or restricted

<i>(1) Area</i>	<i>(2) Streets to be temporarily closed or restricted</i>	<i>(3) Extent of temporary closure or restriction</i>
East Riding of Yorkshire	North Turnpike	Between the reference points 1a and 1b and marked with a purple line on sheet 1 of the Streets Plan
East Riding of Yorkshire	Cliff Road	Between the reference points 2a and 2b and marked with a green line on sheet 5 of the Streets Plan
East Riding of Yorkshire	B1242 (Hornsea Road)	Between the reference points 2c and 2d and marked with a green line on sheet 5 of the Streets Plan
East Riding of Yorkshire	B1242 (Hornsea Road)	Between the reference points 2e and 2f and marked with a green line on sheet 5 of the Streets Plan
East Riding of Yorkshire	Bewholme Lane	Between the reference points 3a and 3b and marked with a green line on sheet 6 of the Streets Plan
East Riding of Yorkshire	Dunnington Lane	Between the reference points 4a and 4b and marked with a green line on sheet 7 of the Streets Plan
East Riding of Yorkshire	Dunnington Lane	Between the reference points 5a and 5b and marked with a green line on sheet 8 of the Streets Plan
East Riding of Yorkshire	Dunnington Lane	Between the reference points 5c and 5d and marked with a green line on sheet 8 of the Streets Plan
East Riding of Yorkshire	A165/Beverley Road	Between the reference points 5e and 5f and

		marked with a green line on sheet 8 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 6a and 6b and marked with a purple line on sheet 11 of the Streets Plan
East Riding of Yorkshire	Billings Lane	Between the reference points 7a and 7b and marked with a green line on sheet 12 of the Streets Plan
East Riding of Yorkshire	Catfoss Road	Between the reference points 7c and 7d and marked with a green line on sheet 12 of the Streets Plan
East Riding of Yorkshire	Harsell Lane	Between reference points 8a and 8b and marked with a green line on sheet 13 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 9a and 9b and marked with a purple line on sheet 15 of the Streets Plan
East Riding of Yorkshire	Catwick Heads	Between reference points 9c and 9d and marked with a green line on sheet 15 of the Streets Plan
East Riding of Yorkshire	A1035 (West Road)	Between reference points 9e and 9f and marked with a green line on sheet 15 of the Streets Plan
East Riding of Yorkshire	A1035 (West Road)	Between reference points 9g and 9h and marked with a green line on sheet 15 of the Streets Plan
East Riding of Yorkshire	Catwick Heads	Between reference points 10a and 10b and marked with a green line on sheet 16 of the Streets Plan
East Riding of Yorkshire	Catwick Heads	Between reference points 10c and 10d and marked with a green line on sheet 16 of the Streets Plan
East Riding of Yorkshire	Rise Lane	Between reference points 11a and 11b and marked with a green line on sheet 17 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 11c and 11d and marked with a purple line on sheet 17 of the Streets Plan
East Riding of Yorkshire	Riston Road	Between reference points 12a and 12b and marked with a green line on sheet 18 of the Streets Plan
East Riding of Yorkshire	A165 (Whitecross Road)	Between reference points 13a and 13b and marked with a green line on sheet 19 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 14a and 14b. and marked with a purple line on sheet 20 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 14c and 14d and marked with a purple line on sheet 20 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 15a and 15b and marked with a purple line on sheet 21 of the Streets Plan
East Riding of Yorkshire	A1035 (Hornsea Road)	Between reference points 15c and 15d and marked with a green line on sheet 21 of the

		Streets Plan
East Riding of Yorkshire	Meaux Lane	Between reference points 16a and 16b and marked with a green line on sheet 22 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 16c and 16d and marked with a purple line on sheet 22 of the Streets Plan
East Riding of Yorkshire	A1035 (Hornsea Road)	Between reference points 17a and 17b and marked with a green line on sheet 23 of the Streets Plan
East Riding of Yorkshire	A1035 (Hornsea Road)	Between reference points 17c and 17d and marked with a green line on sheet 23 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 17e and 17f and marked with a purple line on sheet 23 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 17g and 17h and marked with a purple line on sheet 23 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 17i and 17j and marked with a purple line on sheet 23 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 17k and 17l and marked with a purple line on sheet 23 of the Streets Plan
East Riding of Yorkshire	A1035 (Hornsea Road)	Between reference points 18a and 18b and marked with a green line on sheets 24 and 25 of the Streets Plan
East Riding of Yorkshire	Eske Lane	Between reference points 18c and 18d and marked with a green line on sheets 24 and 25 of the Streets Plan
East Riding of Yorkshire	A1035 (Hull Bridge Road)	Between reference points 19a and 19b and marked with a green line on sheet 28 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 19c and 19d and marked with a purple line on sheet 28 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 20a and 20b and marked with a purple line on sheet 29 of the Streets Plan
East Riding of Yorkshire	A1035 (Grange Way)	Between reference points 20c and 20d and marked with a green line on sheet 29 of the Streets Plan
East Riding of Yorkshire	Ings Road	Between reference points 20e and 20f and marked with a green line on sheet 29 of the Streets Plan
East Riding of Yorkshire	A164 (Driffield Road)	Between reference points 21a and 21b and marked with a green line on sheet 30 of the Streets Plan
East Riding of Yorkshire	A1035 (Constitution Hill)	Between reference points 22a and 22b and marked with a green line on sheet 31 of the Streets Plan
East Riding of Yorkshire	A1035 (Constitution Hill)	Between reference points 22c and 22d and marked with a green line on sheet 31 of the Streets Plan

East Riding of Yorkshire	Private Access Track	Between reference points 23a and 23b and marked with a purple line on sheet 32 of the Streets Plan
East Riding of Yorkshire	A1174 (York Road)	Between reference points 23c and 23d and marked with a green line on sheet 32 of the Streets Plan
East Riding of Yorkshire	Newbald Road	Between reference points 24a and 24b and marked with a green line on sheet 33 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 25a and 25b and marked with a purple line on sheet 34 of the Streets Plan
East Riding of Yorkshire	B1230 (Broadgate)	Between reference points 25c and 25d and marked with a green line on sheet 34 of the Streets Plan
East Riding of Yorkshire	A1079	Between reference points 26a and 26b and marked with a green line on sheet 35 of the Streets Plan
East Riding of Yorkshire	A164 (Beverley Road)	Between reference points 27a and 27b and marked with a green line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	Planned Jock's Lodge Highway Alignment	Between reference points 27c and 27d and marked with a dashed green line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	Planned Jock's Lodge Highway Alignment	Between reference points 27e and 27f and marked with a dashed green line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	Planned Jock's Lodge Highway Alignment	Between reference points 27g and 27h and marked with a dashed green line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	Planned Jock's Lodge Highway Alignment	Between reference points 28a and 28b and marked with a dashed green line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	Planned Jock's Lodge Highway Alignment	Between reference points 28c and 28d and marked with a dashed green line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 28e and 28f and marked with a purple line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	Private Access Track	Between reference points 28g and 28h and marked with a purple line on sheets 36 and 37 of the Streets Plan
East Riding of Yorkshire	A1079	Between reference points 29a and 29b and marked with a green line on sheets 37 and 38 of the Streets Plan
East Riding of Yorkshire	Planned Hornsea Project 4 Alignment	Between reference points 29c and 29d and marked with a dashed pink line on sheets 37 and 38 of the Streets Plan
East Riding of Yorkshire	Planned Hornsea Project 4 Alignment	Between reference points 29e and 29f and marked with a dashed pink line on sheets 37 and 38 of the Streets Plan
East Riding of Yorkshire	Planned Hornsea Project 4 Alignment	Between reference points 29g and 29h and marked with a dashed pink line on sheets 37 and 38 of the Streets Plan

East Riding of Yorkshire	Park Lane	Between reference points 30a and 30b and marked with a purple line on sheet 38 of the Streets Plan
East Riding of Yorkshire	Park Lane	Between reference points 30c and 30d and marked with a purple line on sheet 38 of the Streets Plan

## SCHEDULE 5

Article 11

### Closure and diversion of public rights of way

#### PART 1

##### Public Rights of Way to be temporarily closed or restricted

<i>(1) Area</i>	<i>(2) Public rights of way to be temporarily closed or restricted</i>	<i>(3) Extent of temporary closure or restriction</i>
East Riding of Yorkshire	Ulrome Footpath No.6	Between reference points 2a and 2b marked with a solid orange line on sheet 2 of the Public Rights of Way plan.
East Riding of Yorkshire	Skipsea Footpath No.6	Between reference points 5a and 5b marked with a solid orange line on sheet 5 of the Public Rights of Way plan.
East Riding of Yorkshire	Seaton Footpath No.10	Between reference points 12a and 12b marked with a solid orange line on sheet 12 of the Public Rights of Way plan.
East Riding of Yorkshire	Catwick Footpath No. 8	Between reference points 13a and 13b marked with a solid orange line on sheet 13 of the Public Rights of Way plan.
East Riding of Yorkshire	Proposed Bridleway in the parishes of Catwich and Leven	Between reference points 15a and 15b marked with a solid purple line on sheet 15 of the Public Rights of Way plan.
East Riding of Yorkshire	Riston Footpath No.2	Between reference points 16a and 16b marked with a solid orange line on sheet 16 of the Public Rights of Way plan.
East Riding of Yorkshire	Molescroft Footpath No.5	Between reference points 22a and 22b marked with a solid orange line on sheet 22 of the Public Rights of Way plan
East Riding of Yorkshire	Molescroft Footpath No.3	Between reference points 24a and 24b marked with a solid orange line on sheet 24 of the Public Rights of Way plan
East Riding of Yorkshire	Walkington Footpath No.6	Between reference points 27a and 27b marked with a solid orange line on sheet 27 of the Public Rights of Way plan
East Riding of Yorkshire	Walkington Footpath No.4	Between reference points 28c

East Riding of Yorkshire	Rowley Bridleway No.13	and 28d marked with a solid orange line on sheet 27 of the Public Rights of Way plan Between reference points 30a and 30b, 30c and 30d and 30e and 30f marked with a solid green line on sheet 30 of the Public Rights of Way plan
East Riding of Yorkshire	Woodmansey Bridleway No.30	Between reference points 30g and 30h marked with a solid green line on sheet 30 of the Public Rights of Way plan
East Riding of Yorkshire	Woodmansey Bridleway No.6	Between reference points 31a and 31b and 31c and 31d marked with a solid green line on sheet 31 of the Public Rights of Way plan

## PART 2

### Public Rights of Way to be permanently diverted

<i>(1) Area</i>	<i>(2) Public rights of way to be permanently diverted</i>	<i>(3) Extent of closure</i>	<i>(4) Extent of substitute right of way</i>
East Riding of Yorkshire	Walkington Footpath No.4	Between reference points 28a and 28b marked with a solid pink line on sheet 28 of the Public Rights of Way Plan	Between reference points 28a and 28b marked with a blue dashed line on sheet 28 of the Public Rights of Way plan

## SCHEDULE 6

Article 13

### Access to works

<i>(1) Area</i>	<i>(2) Description of access</i>
East Riding of Yorkshire	Vehicular access from North Turnpike marked point AC0 on sheet 2 of the Access to Works plan
East Riding of Yorkshire	Vehicular access from Cliff Road marked points C1 (North) and C1 (South) on sheet 5 of the Access to Works plan
East Riding of Yorkshire	Vehicular access from B1242 (Hornsea Road) marked points AC1 (East) and AC1 (West) on sheet 5 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Bewholme Lane marked points C2 (East) and C2 (West) on sheet 6 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Dunnington Lane marked points C3 (East) and C3 (West) on sheet 7 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Dunnington Lane marked points C4 (East) and C4 (West) on sheet 8 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Dunnington Lane marked point AC2 on sheet 8 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Billings Lane marked points C5 (West) and C5 (East) on sheet 12 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Catfoss Road marked points AC3 (North) and

	AC3 (South) on sheet 12 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Harsell Lane marked points C6 (North) and C6 (South) on sheet 13 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Catwick Heads marked point AC4 on sheet 15 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from the A1035 (West Road) marked point AC5 on sheet 15 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Catwick Heads marked points C7 (East) and C7 (West) on sheet 16 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Rise Lane marked points C8 (North) and C8 (South) on sheet 17 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Riston Road marked points C9 (East) and C9 (West) on sheet 18 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from the A165 (Whitecross Road) marked points AC7 (North) and AC7 (South) on sheet 19 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from the A1035 (Hornsea Road) marked point AC8 on sheet 21 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Meaux Lane marked points C10 (East) and C10 (West) on sheet 22 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from the A1035 (Hornsea Road) marked points AC9 (South) and AC9 (North) on sheet 23 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Eske Lane marked points AC10 (East) and AC10 (West) on sheet 24 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from the A1035 (Hull Bridge Road) marked point AC11 on sheet 28 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Ings Road marked point AC12 on sheet 29 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from the A164 (Driffield Road) marked points AC14 (East) and AC14 (West) on sheet 30 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from the A1035 (Constitution Hill) marked points AC13 (North) and AC13 (South) on sheet 31 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from the A1174 (York Road) marked points AC15 (North) and AC15 (South) on sheet 32 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from the B1230 (Broadgate) marked points AC16 (North) and AC16 (South) on sheet 34 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from the A1079 marked point AC-SB4 on sheet 35 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from the A1079 marked point AC17 (South) on sheet 37 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Planned Jock's Lodge Highway Alignment marked point AC17 (West) on sheets 36 and 37 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from the A164 (Beverley Road) marked point AC18 on sheets 36 and 37 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Park Lane marked points C14 (North), C14 (West) and C14 (South) on sheet 38 of the Access to Works plan.
East Riding of Yorkshire	Vehicular access from Park Lane marked points C15 (North) and C15 (South) on sheet 38 of the Access to Works plan.

## SCHEDULE 7

Article 22

### Land in which only new rights, etc. may be acquired

(1) <i>Plot reference number shown on land plans</i>	(2) <i>Purpose for which rights may be acquired</i>
<p>02-001, 02-002, 02-003, 02-004, 02-005, 02-006, 02-007, 02-008, 02-009, 02-010, 02-011, 02-012, 02-013, 02-014, 02-015, 02-017, 02-021, 02-022, 02-024, 02-026, 02-030, 02-031, 02-034, 02-038, 03-001, 03-002, 03-010, 03-011, 03-012, 03-013, 04-008, 04-009, 04-010, 04-014, 04-018, 04-021, 04-022, 04-023, 04-024, 05-001, 05-003, 05-004, 05-005, 06-001, 06-002, 06-007, 06-017, 06-018, 06-025, 07-001, 07-002, 07-003, 07-004, 07-005, 08-008, 08-009, 08-013, 08-015, 08-016, 08-017, 08-025, 08-026, 09-001, 09-002, 09-003, 09-008, 09-009, 09-010, 09-013, 10-005, 10-006, 10-007, 10-008, 10-009, 10-010, 10-011, 10-012, 10-013, 10-014, 10-019, 11-008, 11-018, 12-004, 12-011, 12-012, 12-013, 12-014, 13-001, 13-002, 13-003, 13-004, 13-005, 13-009, 13-014, 13-015, 13-016, 13-017, 14-005, 14-006, 14-007, 14-008, 14-013, 14-014, 15-006, 15-007, 15-008, 16-001, 16-002, 16-003, 16-004, 16-008, 16-009, 17-002, 17-008, 17-009, 17-010, 17-011, 18-001, 18-002, 18-007, 18-009, 18-<del>010a</del>, 18-012, <del>18- 038</del>, <a href="#">18-014a</a>, <a href="#">18-027</a>, <a href="#">18-038</a>, 18-039, 18-043, 18-050, 18-052, 18-054, 19-003, 19-004, 19-005, 19-007,</p>	<p>Cable rights and restrictive covenants</p> <p><b>1. Cable rights</b></p> <p>Rights for the purposes of the construction, installation, operation, maintenance and decommissioning of the authorised project to—</p> <p>(a) lay down, install, retain, adjust, alter, construct, operate, erect, use, maintain, repair, renew, upgrade, inspect, remove and replace the electricity cables (including the removal of materials including spoil) in, under, over and/or on the Land, together with such telemetry and fibre-optic lines, ducting, jointing bays, allow the installation and use of electricity cables in the additional ducts, and other apparatus, protection measures, cable marker posts, chambers and manholes, manhole covers and other equipment which is ancillary to the purposes of transmitting electricity along such electricity cables (all collectively referred to as the “cables”), and in doing so, to use or resort to trenchless installation techniques including (but not limited to) directional drilling beneath sea defences, watercourses, roads and railways;</p> <p>(b) lay down, install, retain, adjust, alter, construct, operate, erect, use, maintain, repair, renew, upgrade, inspect, remove and replace the additional ducts for electricity cables (including the removal of materials including spoil) in, under, over and/or on the Land, allow the installation and use of electricity cables in the additional ducts, together with such telemetry and fibre-optic lines, ducting, jointing bays and other apparatus, protection measures, cable marker posts, chambers and manholes, manhole covers and other equipment which is ancillary to the purposes of transmitting electricity along such electricity cables (all collectively referred to as the “cables”), and in doing so, to use or resort to trenchless installation techniques including (but not limited to) directional drilling beneath sea defences, watercourses, roads and railways;</p> <p>(c) enter, be on, and break open and break up the surface of the Land and remain with or without plant, vehicles, machinery, apparatus and equipment which is ancillary to the purposes of transmitting electricity along the cables;</p> <p>(d) benefit from continuous vertical and lateral support for the authorised project;</p> <p>(e) pass and re-pass with or without vehicles, plant, machinery, apparatus, equipment and materials for the purposes of laying down, installing, adjusting, altering, constructing, using, maintaining, repairing, renewing, inspecting, removing and replacing the ducting, electrical infrastructure and cables;</p>



20-002

- (f) construct and install and thereafter use the Land for all necessary purposes for the commissioning, construction, repair, testing and maintenance of the ducting, electrical infrastructure and cables in, on or under the Land;
- (g) place and use plant, machinery, structures and temporary structures within the Land for the purposes of the installation, construction, maintenance, repairing, renewing, upgrading, inspecting, removal and replacing of the ducting, electrical infrastructure and cables and to erect temporary signage and provide measures for the benefit of public and personnel safety;
- (h) erect fencing, gates, walls, barriers or other means of enclosure, and create secure working areas and compounds including trenchless installation technique compounds and working areas;
- (i) construct, lay down, use and remove temporary access roads including any necessary hard standing and other surface materials including (but not limited to) matting, aggregate, trackway, stone, tarmacadam, terram, temporary bridging, culverting or diversion of water courses and drains during any period during which construction, maintenance, repair or renewal is being carried out;
- (j) erect temporary bridges and supporting or protective structures for the purposes of access to adjoining land;
- (k) effect access and egress to the highway;
- (l) make such investigations in or on the Land as required;
- (m) alter, fell, lop or cut, coppice wood, uproot trees or hedges or shrubs which now or hereafter may be standing on the Land or other land which would if not felled, lopped, cut or removed would obstruct or interfere with the operation of the cables and ancillary equipment including ducting;
- (n) take and use, remove and discharge water from the Land, and to install, retain, use, maintain, inspect, alter, remove, refurbish, reconstruct, replace, protect and improve sewers, drains, pipes, ducts, mains, conduits, flues and to drain into and manage waterflows in any drains, watercourses and culverts, install, use, inspect, maintain, adjust, alter, renew, repair, test or cleanse drainage schemes on the Land or reinstate the any existing drainage scheme on the Land;
- (o) install, alter, re-lay, maintain, protect, adjust or remove pipes, cables or conduits or apparatus including but not limited to electricity poles, electricity pylons, electricity masts, overhead electricity lines, telecommunications cables and any ancillary equipment and apparatus public and private drains, watercourses, sewers, ponds or culverts, service media (including the pipes, cables or conduits or apparatus of statutory undertakers);
- (p) erect and remove temporary fencing, gates, walls, barriers or other means of enclosure, remove fences and structures within the Land during any period during which construction, maintenance, repair or renewal is being

	<p>carried out (subject to erection of any temporary stock-proof fencing as is reasonably required and the reinstatement or suitable replacement of the fences or structures following the exercise of the rights);</p> <ul style="list-style-type: none"> <li>(q) store and stockpile materials (including excavated material);</li> <li>(r) create boreholes and trial excavation pits for the purposes of intrusively surveying the land and monitoring the use of any trenchless installation technique, to keep in place and monitor the same through construction, maintenance repair, replacement or decommissioning and to reinstate the Land;</li> <li>(s) excavate materials below ground level, including soils, and to store and re-use or dispose of the same, and in so excavating to undertake any works, including works of protection or removal of archaeological remains as may be required by any written scheme of investigation approved under this Order;</li> <li>(t) lay out temporary paths and bridleways for public use as temporary diversions for public rights of way which are interfered with during any period in which construction, maintenance, repair, renewal or decommissioning is being carried out;</li> <li>(u) install, execute, implement, retain, repair, improve, renew, relocate, maintain and carry out mitigation, maintenance, remediation works for environmental or ecological mitigation or enhancement works, including temporary works for noise alleviation measures and the installation of temporary barriers for the protection of fauna;</li> <li>(v) carry out such works (together with associated fencing) required by a planning permission and/or consent now or to be granted over the Land and/or in accordance with any necessary licences relating to protected species and/or wildlife; and</li> <li>(w) (in an emergency only when the cables are temporarily unusable) to lay down, install, use, maintain and inspect underground cables, telephone signalling and fibre-optic cables and ancillary equipment, associated works and other conducting media together with conduits or pipes for containing the same in and under the Land.</li> </ul> <p><b>2. Restrictive covenants</b></p> <p>A restrictive covenant over the Land for the benefit of the remainder of the Order land to:</p> <ul style="list-style-type: none"> <li>(a) prevent anything to be done in or upon the Land or any part thereof for the purpose of the erection of any buildings or construction erection or works of any kind (including the foundations or footings thereto);</li> <li>(b) prevent anything to be done by way of hard surfacing of the Land with concrete of any kind or with any other material or surface whatsoever without the consent in writing of the undertaker (such consent not to be unreasonably withheld or delayed if the proposed</li> </ul>
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	<p>surfacing would not cause damage to relevant part of the authorised project nor make it materially more difficult or expensive to maintain the authorised project);</p> <ul style="list-style-type: none"> <li>(c) prevent anything to be done by way of excavation of any kind in the Land nor any activities which would alter, increase or decrease ground cover or soil levels in any manner whatsoever without the consent in writing of the undertaker save as are reasonably required for agricultural activities (being ploughing to no deeper than 0.6m for the purposes of arable farming);</li> <li>(d) prevent the planting or growing within the Land of any trees, shrubs or underwood without the consent in writing of the undertaker (such consent not to be unreasonably withheld or delayed provided that the proposed trees, shrubs or underwood would not cause damage to the relevant part of the authorised project nor make it materially more difficult or expensive to access the relevant part of the authorised project);</li> <li>(e) prevent anything being done which may interfere with free flow and passage of electricity or telecommunications through the cables or support for the authorised project;</li> <li>(f) prevent carrying out operations or actions (including but not limited to blasting and piling) which may obstruct, interrupt, or interfere with the exercise of the rights or damage the authorised project; and</li> <li>(g) prevent any activity which would in the reasonable opinion of the undertaker result in the disturbance of ecological mitigation areas or areas of habitat creation including any ploughing or grazing without the prior written consent of the undertaker</li> </ul>
<p>02-016, 02-018, 02-019, 02-020, 02-023, 02-025</p>	<p>Cable rights, transition joint bay rights and restrictive covenants</p> <p><b>1. Cable rights</b></p> <p>Rights for the purposes of the construction, installation, operation, maintenance and decommissioning of the authorised project to—</p> <ul style="list-style-type: none"> <li>(a) lay down, install, retain, adjust, alter, construct, operate, erect, use, maintain, repair, renew, upgrade, inspect, remove and replace the electricity cables (including the removal of materials including spoil) in, under, over and/or on the Land, together with such telemetry and fibre-optic lines, ducting, jointing bays and other apparatus, protection measures, cable marker posts, chambers and manholes, manhole covers and other equipment which is ancillary to the purposes of transmitting electricity along such electricity cables (all collectively referred to as the “cables”), and in doing so, to use or resort to trenchless installation techniques including (but not limited to) directional drilling beneath sea defences, watercourses, roads and railways;</li> <li>(b) lay down, install, retain, adjust, alter, construct, operate, erect, use, maintain, repair, renew, upgrade, inspect, remove and replace the additional ducts for electricity cables (including the removal of materials including</li> </ul>

	<p>spoil) in, under, over and/or on the Land, allow the installation and use of electricity cables in the additional ducts, together with such telemetry and fibre-optic lines, ducting, jointing bays and other apparatus, protection measures, cable marker posts, chambers and manholes, manhole covers and other equipment which is ancillary to the purposes of transmitting electricity along such electricity cables (all collectively referred to as the “cables”), and in doing so, to use or resort to trenchless installation techniques including (but not limited to) directional drilling beneath sea defences, watercourses, roads and railways;</p> <ul style="list-style-type: none"> <li>(c) enter, be on, and break open and break up the surface of the Land and remain with or without plant, vehicles, machinery, apparatus and equipment which is ancillary to the purposes of transmitting electricity along the cables;</li> <li>(d) benefit from continuous vertical and lateral support for the authorised project;</li> <li>(e) pass and re-pass with or without vehicles, plant, machinery, apparatus, equipment and materials for the purposes of laying down, installing, adjusting, altering, constructing, using, maintaining, repairing, renewing, inspecting, removing and replacing the ducting, electrical infrastructure and cables;</li> <li>(f) construct and install and thereafter use the Land for all necessary purposes for the commissioning, construction, repair, testing and maintenance of the ducting, electrical infrastructure and cables in, on or under the Land;</li> <li>(g) place and use plant, machinery, structures and temporary structures within the Land for the purposes of the installation, construction, maintenance, repairing, renewing, upgrading, inspecting, removal and replacing of the ducting, electrical infrastructure and cables and to erect temporary signage and provide measures for the benefit of public and personnel safety;</li> <li>(h) erect fencing, gates, walls, barriers or other means of enclosure, and create secure working areas and compounds including trenchless installation technique compounds and working areas;</li> <li>(i) construct, lay down, use and remove temporary access roads including any necessary hard standing and other surface materials including (but not limited to) matting, aggregate, trackway, stone, tarmacadam, terram, temporary bridging, culverting or diversion of water courses and drains during any period during which construction, maintenance, repair or renewal is being carried out;</li> <li>(j) erect temporary bridges and supporting or protective structures for the purposes of access to adjoining land;</li> <li>(k) effect access and egress to the highway;</li> <li>(l) make such investigations in or on the Land as required;</li> <li>(m) alter, fell, lop or cut, coppice wood, uproot trees or hedges or shrubs which now or hereafter may be standing on the Land or other land which would if not felled,</li> </ul>
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	<p>lopped, cut or removed would obstruct or interfere with the operation of the cables and ancillary equipment including ducting;</p> <ul style="list-style-type: none"> <li>(n) take and use, remove and discharge water from the Land, and to install, retain, use, maintain, inspect, alter, remove, refurbish, reconstruct, replace, protect and improve sewers, drains, pipes, ducts, mains, conduits, flues and to drain into and manage waterflows in any drains, watercourses and culverts, install, use, inspect, maintain, adjust, alter, renew, repair, test or cleanse drainage schemes on the Land or reinstate any existing drainage scheme on the Land;</li> <li>(o) install, alter, re-lay, maintain, protect, adjust or remove pipes, cables or conduits or apparatus including but not limited to electricity poles, electricity pylons, electricity masts, overhead electricity lines, telecommunications cables and any ancillary equipment and apparatus public and private drains, watercourses, sewers, ponds or culverts, service media (including the pipes, cables or conduits or apparatus of statutory undertakers);</li> <li>(p) erect and remove temporary fencing, gates, walls, barriers or other means of enclosure, remove fences and structures within the Land during any period during which construction, maintenance, repair or renewal is being carried out (subject to erection of any temporary stock-proof fencing as is reasonably required and the reinstatement or suitable replacement of the fences or structures following the exercise of the rights);</li> <li>(q) store and stockpile materials (including excavated material);</li> <li>(r) create boreholes and trial excavation pits for the purposes of intrusively surveying the Land and monitoring the use of any trenchless installation technique, to keep in place and monitor the same through construction, maintenance repair, replacement or decommissioning and to reinstate the Land;</li> <li>(s) excavate materials below ground level, including soils, and to store and re-use or dispose of the same, and in so excavating to undertake any works, including works of protection or removal of archaeological remains as may be required by any written scheme of investigation approved under this Order;</li> <li>(t) lay out temporary paths and bridleways for public use as temporary diversions for public rights of way which are interfered with during any period in which construction, maintenance, repair, renewal or decommissioning is being carried out;</li> <li>(u) install, execute, implement, retain, repair, improve, renew, relocate, maintain and carry out mitigation, maintenance, remediation works for environmental or ecological mitigation or enhancement works, including temporary works for noise alleviation measures and the installation of temporary barriers for the protection of fauna;</li> </ul>
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	<p>(v) carry out such works (together with associated fencing) required by a planning permission and/or consent now or to be granted over the Land and/or in accordance with any necessary licences relating to protected species and/or wildlife; and</p> <p>(w) (in an emergency only when the cables are temporarily unusable) to lay down, install, use, maintain and inspect underground cables, telephone signalling and fibre-optic cables and ancillary equipment, associated works and other conducting media together with conduits or pipes for containing the same in and under the Land.</p> <p><b>2. Transition joint bay rights</b></p> <p>Rights for the purposes of the construction, installation, operation, maintenance and decommissioning of the authorised project to lay down, install, adjust, alter, construct, create, use, maintain, repair, renew, upgrade, inspect, remove and replace transition joint bays.</p> <p><b>3. Restrictive covenants</b></p> <p>A restrictive covenant over the Land for the benefit of the remainder of the Order land to:</p> <p>(a) prevent anything to be done in or upon the Land or any part thereof for the purpose of the erection of any buildings or construction erection or works of any kind (including the foundations or footings thereto);</p> <p>(b) prevent anything to be done by way of hard surfacing of the Land with concrete of any kind or with any other material or surface whatsoever without the consent in writing of the undertaker (such consent not to be unreasonably withheld or delayed if the proposed surfacing would not cause damage to relevant part of the authorised project nor make it materially more difficult or expensive to maintain the authorised project);</p> <p>(c) prevent anything to be done by way of excavation of any kind in the Land nor any activities which would alter, increase or decrease ground cover or soil levels in any manner whatsoever without the consent in writing of the undertaker save as are reasonably required for agricultural activities (being ploughing to no deeper than 0.6m for the purposes of arable farming);</p> <p>(d) prevent the planting or growing within the Land of any trees, shrubs or underwood without the consent in writing of the undertaker (such consent not to be unreasonably withheld or delayed provided that the proposed trees, shrubs or underwood would not cause damage to the relevant part of the authorised project nor make it materially more difficult or expensive to access the relevant part of the authorised project);</p> <p>(e) prevent anything being done which may interfere with free flow and passage of electricity or telecommunications through the cables or support for the authorised project;</p> <p>(f) prevent carrying out operations or actions (including but not limited to blasting and piling) which may obstruct,</p>
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	<p>interrupt, or interfere with the exercise of the rights or damage the authorised project; and</p> <p>(g) prevent any activity which would in the reasonable opinion of the undertaker result in the disturbance of ecological mitigation areas or areas of habitat creation including any ploughing or grazing without the prior written consent of the undertaker.</p>
<p>02-027, 02-033, 03-006, 04-004, 04-013, 06-004, 06-012, 06-021, 08-005, 08-014, 08-021, 09-006, 10-002, 11-004, 11-010, 11-011, 11-012, 12-005, 14-011, 15-004, 16-007, 17-001, 17-005, 18-003, 18-004, 18-026<del>7</del>, 18-027<del>9</del>, <del>18-029</del>, 18-032, <del>18-033</del>, <del>18-034</del>, <del>18-036</del>, <del>18-037</del>, 18-040</p>	<p>Cable rights and restrictive covenants under existing infrastructure</p> <p><b>1. Cable rights</b></p> <p>Rights for the purposes of the construction, installation, operation, maintenance and decommissioning of the authorised project to—</p> <p>(a) lay down, install, retain, adjust, alter, construct, operate, erect, use, maintain, repair, renew, upgrade, inspect, remove and replace the electricity cables (including the removal of materials including spoil) in, under, over and/or on the Land, allow the installation and use of electricity cables in the additional ducts, together with such telemetry and fibre-optic lines, ducting, jointing bays and other apparatus, protection measures, cable marker posts, chambers and manholes, manhole covers and other equipment which is ancillary to the purposes of transmitting electricity along such electricity cables (all collectively referred to as the “cables”), and in doing so, to use or resort to trenchless installation techniques including (but not limited to) directional drilling beneath sea defences, watercourses, roads and railways;</p> <p>(b) lay down, install, retain, adjust, alter, construct, operate, erect, use, maintain, repair, renew, upgrade, inspect, remove and replace the additional ducts for electricity cables (including the removal of materials including spoil) in, under, over and/or on the Land, allow the installation and use of electricity cables in the additional ducts, together with such telemetry and fibre-optic lines, ducting, jointing bays and other apparatus, protection measures, cable marker posts, chambers and manholes, manhole covers and other equipment which is ancillary to the purposes of transmitting electricity along such electricity cables (all collectively referred to as the “cables”), and in doing so, to use or resort to trenchless installation techniques including (but not limited to) directional drilling beneath sea defences, watercourses, roads and railways;</p> <p>(c) enter, be on, and break open and break up the surface of the Land and remain with or without plant, vehicles, machinery, apparatus and equipment which is ancillary to the purposes of transmitting electricity along the cables;</p> <p>(d) benefit from continuous vertical and lateral support for the authorised project;</p> <p>(e) pass and re-pass with or without vehicles, plant, machinery, apparatus, equipment and materials for the purposes of laying down, installing, adjusting, altering, constructing, using, maintaining, repairing, renewing, inspecting, removing and replacing the ducting, electrical</p>

	<p>infrastructure and cables;</p> <ul style="list-style-type: none"> <li>(f) construct and install and thereafter use the Land for all necessary purposes for the commissioning, construction, repair, testing and maintenance of the ducting, electrical infrastructure and cables in, on or under the Land;</li> <li>(g) place and use plant, machinery, structures and temporary structures within the Land for the purposes of the installation, construction, maintenance, repairing, renewing, upgrading, inspecting, removal and replacing of the ducting, electrical infrastructure and cables and to erect temporary signage and provide measures for the benefit of public and personnel safety;</li> <li>(h) erect fencing, gates, walls, barriers or other means of enclosure, and create secure working areas and compounds including trenchless installation technique compounds and working areas;</li> <li>(i) construct, lay down, use and remove temporary access roads including any necessary hard standing and other surface materials including (but not limited to) matting, aggregate, trackway, stone, tarmacadam, terram, temporary bridging, culverting or diversion of water courses and drains during any period during which construction, maintenance, repair or renewal is being carried out;</li> <li>(j) Erect temporary bridges and supporting or protective structures for the purposes of access to adjoining land;</li> <li>(k) effect access and egress to the highway;</li> <li>(l) make such investigations in or on the Land as required;</li> <li>(m) alter, fell, lop or cut, coppice wood, uproot trees or hedges or shrubs which now or hereafter may be standing on the Land or other land which would if not felled, lopped, cut or removed would obstruct or interfere with the operation of the cables and ancillary equipment including ducting;</li> <li>(n) take and use, remove and discharge water from the Land, and to install, retain, use, maintain, inspect, alter, remove, refurbish, reconstruct, replace, protect and improve sewers, drains, pipes, ducts, mains, conduits, flues and to drain into and manage waterflows in any drains, watercourses and culverts, install, use, inspect, maintain, adjust, alter, renew, repair, test or cleanse drainage schemes on the Land or reinstate the any existing drainage scheme on the Land;</li> <li>(o) install, alter, re-lay, maintain, protect, adjust or remove pipes, cables or conduits or apparatus including but not limited to electricity poles, electricity pylons, electricity masts, overhead electricity lines, telecommunications cables and any ancillary equipment and apparatus public and private drains, watercourses, sewers, ponds or culverts, service media (including the pipes, cables or conduits or apparatus of statutory undertakers);</li> <li>(p) erect and remove temporary fencing, gates, walls, barriers or other means of enclosure, remove fences and structures within the Land during any period during which</li> </ul>
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	<p>construction, maintenance, repair or renewal is being carried out (subject to erection of any temporary stock-proof fencing as is reasonably required and the reinstatement or suitable replacement of the fences or structures following the exercise of the rights);</p> <ul style="list-style-type: none"> <li>(q) store and stockpile materials (including excavated material);</li> <li>(r) create boreholes and trial excavation pits for the purposes of intrusively surveying the land and monitoring the use of any trenchless installation technique, to keep in place and monitor the same through construction, maintenance repair, replacement or decommissioning and to reinstate the Land;</li> <li>(s) excavate materials below ground level, including soils, and to store and re-use or dispose of the same, and in so excavating to undertake any works, including works of protection or removal of archaeological remains as may be required by any written scheme of investigation approved under this Order;</li> <li>(t) lay out temporary paths and bridleways for public use as temporary diversions for public rights of way which are interfered with during any period in which construction, maintenance, repair, renewal or decommissioning is being carried out; install, execute, implement, retain, repair, improve, renew, relocate, maintain and carry out mitigation, maintenance, remediation works for environmental or ecological mitigation or enhancement works, including temporary works for noise alleviation measures and the installation of temporary barriers for the protection of fauna;</li> <li>(u) carry out such works (together with associated fencing) required by a planning permission and/or consent now or to be granted over the Land and/or in accordance with any necessary licences relating to protected species and/or wildlife; and</li> <li>(v) (in an emergency only when the cables are temporarily unusable) to lay down, install, use, maintain and inspect underground cables, telephone signalling and fibre-optic cables and ancillary equipment, associated works and other conducting media together with conduits or pipes for containing the same in and under the Land.</li> </ul> <p><b>2. Restrictive covenants</b></p> <p>A restrictive covenant over the Land for the benefit of the remainder of the Order land to:</p> <ul style="list-style-type: none"> <li>(a) prevent anything to be done in or upon the Land or any part thereof for the purpose of the erection of any buildings or construction, erection or works of any kind (including the foundations or footings thereto) other than those related to works for the benefit of existing highway or railway infrastructure;</li> <li>(b) prevent anything to be done by way of excavation of any kind in the Land nor any activities which would alter, increase or decrease ground cover or soil levels by greater</li> </ul>
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	<p>than 1 metre whatsoever without the consent in writing of the undertaker, save where such works are reasonably required for the exercise of statutory functions or rights in relation any public highway or railway on the Land and will not damage, undermine or interfere with the cables;</p> <p>(c) prevent the planting or growing within the Land of any trees, shrubs or underwood without the consent in writing of the undertaker (such consent not to be unreasonably withheld or delayed provided that the proposed trees, shrubs or underwood would not cause damage to the relevant part of the authorised project nor make it materially more difficult or expensive to access the relevant part of the authorised project);</p> <p>(d) prevent anything being done which may interfere with free flow and passage of electricity or telecommunications through the cables or support for the authorised project; and</p> <p>(e) prevent carrying out operations or actions (including but not limited to blasting and piling) which may obstruct, interrupt, or interfere with the exercise of the rights or damage the authorised project; and</p> <p>(f) prevent any activity which would in the reasonable opinion of the undertaker result in the disturbance of ecological mitigation areas or areas of habitat creation including any ploughing or grazing without the prior written consent of the undertaker..</p>
<p><a href="#">18-010a</a>, <a href="#">18-014a</a>, <a href="#">18-015</a>,  <a href="#">18-016</a>, <a href="#">18-017</a>, <a href="#">18-019</a>,  <a href="#">18-020</a>, <a href="#">18-021</a>, <a href="#">18-022a</a>,  <a href="#">18-023</a>, <a href="#">18-024</a>, <a href="#">18-025a</a></p>	<p>Mitigation work areas access rights, mitigation rights and restrictive covenants</p> <p><b>1. Permanent access rights</b></p> <p>Rights for the purposes of the construction, installation, operation, maintenance and decommissioning of the authorised project to—</p> <p>(a) pass and re-pass with or without vehicles, plant, machinery, apparatus, equipment and materials for the purposes of the authorised project, the inspection, testing, maintenance, renewal, upgrading, replacement and removal of the ducting, electrical infrastructure and cables and connection into any adjacent cables and associated works, to take plant and equipment on to adjoining land and make such investigations in or on the Land which is ancillary for the purposes of exercise of the rights;</p> <p>(b) enter, be on, and break open and break up the surface of the Land and remain with or without plant, vehicles, machinery, apparatus and equipment which is ancillary to the purposes of transmitting electricity along the cables;</p> <p>(c) construct, use, maintain and improve a permanent means of access including visibility splays, and retain, maintain, straighten, widen, repair, alter, upgrade and use existing access routes for the purposes of accessing the Land, adjoining land and highway;</p> <p>(d) construct, lay down, use and remove temporary access roads including any necessary hard standing and other surface materials including (but not limited to) matting,</p>

	<p>aggregate, trackway, stone, tarmacadam, terram, temporary bridging, culverting or diversion of water courses and drains during any period during which construction, maintenance, repair, renewal or decommissioning is being carried out;</p> <ul style="list-style-type: none"> <li>(e) erect temporary bridges and supporting or protective structures for the purposes of access to adjoining land;</li> <li>(f) place and use plant, machinery, structures and temporary structures within the Land, and to erect temporary signage and provide measures for the benefit of public and personnel safety;</li> <li>(g) alter, fell, lop, cut, coppice wood, uproot trees or hedges or shrubs which now or hereafter may be present on the Land for the purpose of enabling the right to pass and re-pass to adjoining land;</li> <li>(h) repair, improve, renew, remove, relocate and plant trees, woodland, shrubs, hedgerows, seeding and other ecological measures together with the right to maintain, inspect and replant such trees, shrubs and landscaping;</li> <li>(i) erect and remove temporary fencing, gates, walls, barriers or other means of enclosure; and</li> <li>(j) lay out temporary paths and bridleways for public use as temporary diversions for public rights of way which are interfered with during any period in which construction, maintenance, repair or renewal decommissioning is being carried out.</li> </ul> <p><b>2. Mitigation works rights</b></p> <p>Rights for the purposes of the construction, installation, operation, maintenance and decommissioning of the authorised project to—</p> <ul style="list-style-type: none"> <li>(a) install, execute, implement, retain, repair, improve, renew, remove, relocate and plant trees, woodland, shrubs, hedgerows, seeding and other ecological measures together with the right to maintain, inspect and replant such trees, shrubs and landscaping;</li> <li>(b) install, execute, implement, retain, repair, improve, renew, relocate, maintain and carry out mitigation, maintenance, remediation works for environmental or ecological mitigation or enhancement works, including temporary works and the installation of temporary barriers for the protection of fauna;</li> <li>(c) erect maintain, repair, improve and remove permanent fencing, gates, barriers or other means of enclosure; and</li> <li>(d) carry out such works (together with associated fencing) required by a planning permission and/or consent now or to be granted over the Land in accordance with any necessary licences relating to protected species and/or wildlife</li> </ul> <p><u><a href="#">(e) carry out works required to facilitate the protection of utilities apparatus.</a></u></p> <p><b>3. Restrictive covenants</b></p> <p>A restrictive covenant over the Land for the benefit of the</p>
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	<p>remainder of the Order land to prevent any activity which would in the reasonable opinion of the undertaker result in the disturbance of ecological mitigation areas or areas of habitat creation including any ploughing or grazing, during the period within which the undertaker is bound by any consent to maintain that ecological mitigation areas or areas of habitat creation, without the prior written consent of the undertaker.</p>
20-004	<p><b>1. National Grid substation works area rights</b></p> <p>Rights for the purposes of the construction, installation, operation, maintenance and decommissioning of the authorised project to—</p> <ul style="list-style-type: none"> <li>(a) lay down, install, retain, adjust, alter, construct, operate, erect, use, maintain, repair, renew, upgrade, inspect, remove and replace the electricity cables (including the removal of materials including spoil) in, under, over and/or on the Land, allow the installation and use of electricity cables in the additional ducts, together with such telemetry and fibre-optic lines, ducting, jointing bays and other apparatus, protection measures, cable marker posts, chambers and manholes, manhole covers and other equipment which is ancillary to the purposes of transmitting electricity along such electricity cables (all collectively referred to as the “cables”) and in doing so, to use or resort to trenchless installation techniques including (but not limited to) directional drilling beneath sea defences, watercourses, roads and railways;</li> <li>(b) lay down, install, retain, adjust, alter, construct, operate, erect, use, maintain, repair, renew, upgrade, inspect, remove and replace the additional ducts for electricity cables (including the removal of materials including spoil) in, under, over and/or on the Land, allow the installation and use of electricity cables in the additional ducts, together with such telemetry and fibre-optic lines, ducting, jointing bays and other apparatus, protection measures, cable marker posts, chambers and manholes, manhole covers and other equipment which is ancillary to the purposes of transmitting electricity along such electricity cables (all collectively referred to as the “cables”) and in doing so to use or resort to trenchless installation techniques including (but not limited to) directional drilling beneath sea defences, watercourses, roads and railways;</li> <li>(c) enter, be on, and break open and break up the surface of the Land and remain with or without plant, vehicles, machinery, apparatus and equipment which is ancillary to the purposes of transmitting electricity along the cables;</li> <li>(d) benefit from continuous vertical and lateral support for the authorised project;</li> <li>(e) pass and re-pass with or without vehicles, plant, machinery, apparatus, equipment and materials for the purposes of laying down, installing, adjusting, altering, constructing, using, maintaining, repairing, renewing, inspecting the authorised project and for removing and replacing the ducting, electrical infrastructure and cables;</li> <li>(f) use, maintain, renew improve and alter existing accesses,</li> </ul>

	<p>roads, streets, tracks or ways over the Land, providing that such use is not exclusive and exercise of this right must not prevent or unreasonably inhibit use by other parties;</p> <p>(g) construct, lay down, use and remove temporary access roads including any necessary hard standing and other surface materials including (but not limited to) matting, aggregate, trackway, stone, tarmacadam, terram, temporary bridging, culverting or diversion of water courses and drains during any period during which construction, maintenance, repair, renewal or decommissioning is being carried out;</p> <p>(h) place and use plant, machinery, structures and temporary structures within the Land, and to erect temporary signage and provide measures for the benefit of public and personnel safety;</p> <p>(i) alter, fell, lop, cut, coppice wood, uproot trees or hedges or shrubs which now or hereafter may be present on the Land for the purpose of enabling the right to pass and re-pass to adjoining land; and</p> <p>(j) take and use, remove and discharge water from the Land and to install, retain, use, maintain, inspect, alter, remove, refurbish, reconstruct, replace, protect and improve sewers, drains, pipes, ducts, mains, conduits, flues and to drain into and manage waterflows in any drains, watercourses and culverts, to lay down, install, adjust, alter, construct, create, use, maintain, repair, renew, upgrade, inspect, remove and replace a drainage scheme on the Land; and</p> <p>(k) install, alter, re-lay, maintain, protect, adjust or remove pipes, cables or conduits or apparatus including but not limited to electricity poles, electricity pylons, electricity masts, overhead electricity lines, telecommunications cables and any ancillary equipment and apparatus public and private drains, watercourses, sewers, ponds or culverts, service media (including the pipes, cables or conduits or apparatus of statutory undertakers).</p> <p>A restrictive covenant over the Land for the benefit of the remainder of the Order land—</p> <p>(a) prevent anything to be done in or upon the Land or any part thereof for the purpose of the erection of any buildings or construction, erection or works of any kind (including the foundations or footings thereto) without the prior written consent of the undertaker;</p> <p>(b) prevent the planting or growing within the Land of any trees, shrubs or underwood without the consent in writing of the undertaker (such consent not to be unreasonably withheld or delayed provided that the proposed trees, shrubs or underwood would not cause damage to the relevant part of the authorised project nor make it materially more difficult or expensive to access the relevant part of the authorised project);</p> <p>(c) prevent anything being done which may interfere with free flow and passage of electricity or</p>
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	<p>telecommunications through the cables or support for the authorised project; and</p> <p>(d) to prevent carrying out operations or actions (including but not limited to blasting and piling) which may obstruct, interrupt, or interfere with the exercise of the rights or damage the authorised project.</p>
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## SCHEDULE 8

Article 22

### Modification of compensation and compulsory purchase enactments for creation of new rights and imposition of restrictive covenants

#### Compensation enactments

1. The enactments for the time being in force with respect to compensation for the compulsory purchase of land apply, with the necessary modifications as respects compensation, in the case of a compulsory acquisition under this Order of a right by the creation of a new right or the imposition of a restrictive covenant as they apply as respects compensation for the compulsory purchase of land and interests in land.

2.—(1) Without limitation on the scope of paragraph 1, the 1961 Act has effect subject to the modification set out in sub-paragraph (2).

(2) For section 5A(5A) (relevant valuation date) of the 1961 Act substitute—

“(5A) If—

- (a) the acquiring authority enters on land for the purposes of exercising a right in pursuance of a notice of entry under section 11(1) of the Compulsory Purchase Act 1965 (as modified by paragraph [5(5)] of Schedule 8 (modification of compensation and compulsory purchase enactments for creation of new rights and imposition of restrictive covenants) to the Dogger Bank South East and West Offshore Wind Farms Development Consent Order 202[•] (the “202[•] Order”));
- (b) the acquiring authority is subsequently required by a determination under paragraph 12 of Schedule 2A to the Compulsory Purchase Act 1965 (as substituted by paragraph 5(8) of Schedule 8 (modification of compensation and compulsory purchase enactments for creation of new rights and imposition of restrictive covenants) to the 202[•] Order) to acquire an interest in the land; and
- (c) the acquiring authority enters on and takes possession of that land,

the authority is deemed for the purposes of subsection (3)(a) to have entered on that land when it entered on that land for the purpose of exercising that right.”

3.—(1) Without limitation on the scope of paragraph 1, the Land Compensation Act 1973(a) has effect subject to the modifications set out in sub-paragraph (2).

(2) In section 44(1) (compensation for injurious affection), as it applies to compensation for injurious affection under section 7 (measure of compensation in case of severance) of the 1965 Act as substituted by paragraph 5(3)—

- (a) for “land is acquired or taken from” substitute “a right or restrictive covenant over land is purchased from or imposed on”; and
- (b) for “acquired or taken from him” substitute “over which the right is exercisable or the restrictive covenant enforceable”.

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(a) 1973 c. 26.

## Application of Part 1 of the 1965 Act

4. Part 1 (compulsory purchase under Acquisition of Land Act of 1946) of the 1965 Act, as applied by section 125 (application of compulsory acquisition provisions) of the 2008 Act (and modified by article 28 (*modification of Part 1 of the 1965 Act*)) to the acquisition of land under article 20 (*compulsory acquisition of land*), applies to the compulsory acquisition of a right by the creation of a new right, or to the imposition of a restrictive covenant, under article 22 (*compulsory acquisition of rights*)—

- (a) with the modifications specified in paragraph 5; and
- (b) with such other modifications as may be necessary.

5.—(1) The modifications referred to in paragraph 4(a) are as follows.

(2) References in the 1965 Act to land are, in the appropriate contexts, to be read (according to the requirements of the particular context) as referring to, or as including references to—

- (a) the right acquired or to be acquired, or the restriction imposed or to be imposed; or
- (b) the land over which the right is or is to be exercisable, or the restriction is or is to be enforceable.

(3) For section 7 (measure of compensation in case of severance) of the 1965 Act substitute—

“7. In assessing the compensation to be paid by the acquiring authority under this Act, regard must be had not only to the extent (if any) to which the value of the land over which the right is to be acquired or the restrictive covenant is to be imposed is depreciated by the acquisition of the right or the imposition of the covenant but also to the damage (if any) to be sustained by the owner of the land by reason of its severance from other land of the owner, or injuriously affecting that other land by the exercise of the powers conferred by this or the special Act.”

(4) The following provisions of the 1965 Act (which state the effect of a deed poll executed in various circumstances where there is no conveyance by persons with interests in the land), that is to say—

- (a) section 9(4) (refusal to convey, failure to make title, etc.);
- (b) paragraph 10(3) of Schedule 1 (conveyance of the land or interest);
- (c) paragraph 2(3) of Schedule 2 (absent and untraced owners); and
- (d) paragraphs 2(3) and 7(2) of Schedule 4 (common land),

are modified so as to secure that, as against persons with interests in the land which are expressed to be overridden by the deed, the right which is to be compulsorily acquired or the restrictive covenant which is to be imposed is vested absolutely in the acquiring authority.

(5) Section 11 (powers of entry) of the 1965 Act is modified so as to secure that, where the acquiring authority has served notice to treat in respect of any right or restrictive covenant, as well as the notice of entry required by subsection (1) of that section (as it applies to a compulsory acquisition under article 20 (compulsory acquisition of land)), it has power, exercisable in equivalent circumstances and subject to equivalent conditions, to enter for the purpose of exercising that right or enforcing that restrictive covenant (which is deemed for this purpose to have been created on the date of service of the notice); and sections 11A (powers of entry: further notices of entry), 11B (counter-notice requiring possession to be taken on specified date), 12 (unauthorised entry) and 13 (refusal to give possession to acquiring authority) of the 1965 Act are modified correspondingly.

(6) Section 20 (tenants at will, etc.) of the 1965 Act applies with the modifications necessary to secure that persons with such interests in land as are mentioned in that section are compensated in a manner corresponding to that in which they would be compensated on a compulsory acquisition under this Order of that land, but taking into account only the extent (if any) of such interference with such an interest as is actually caused, or likely to be caused, by the exercise of the right or the enforcement of the restrictive covenant in question.

(7) Section 22 (interests omitted from purchase) of the 1965 Act as modified by article 28(4) (modification of Part 1 of the 1965 Act) is modified so as to enable the acquiring authority, in circumstances corresponding to those referred to in that section, to continue to be entitled to exercise the right acquired or enforce the restrictive covenant imposed, subject to compliance with that section as respects compensation.

(8) For Schedule 2A (counter-notice requiring purchase of land not in notice to treat) to the 1965 Act substitute—

## “SCHEDULE 2A

Ref

### COUNTER-NOTICE REQUIRING PURCHASE OF LAND NOT IN NOTICE TO TREAT

#### **Introduction**

1.—(1) This Schedule applies where an acquiring authority serves a notice to treat in respect of a right over, or a restrictive covenant affecting, the whole or part of a house, building or factory and has not executed a general vesting declaration under section 4 of the Acquisition of Land Act 1981 as applied by article 24 (application of the 1981 Act) of the Dogger Bank South East and West Offshore Wind Farms Development Consent Order 202[•] in respect of the land to which the notice to treat relates.

(2) But see article 26 (acquisition of subsoil or airspace only) of the Dogger Bank South East and West Offshore Wind Farms Development Consent Order 202[•] which excludes the acquisition of subsoil or airspace only from this Schedule.

(3) In this Schedule “house”, except in paragraph 10, includes any park or garden belonging to a house.

#### **Counter-notice requiring purchase of land**

3. A person who is able to sell the house, building or factory (“the owner”) may serve a counter-notice requiring the acquiring authority to purchase the owner’s interest in the house, building or factory.

4. A counter-notice under paragraph 3 must be served within the period of 28 days beginning with the day on which the notice to treat was served.

#### **Response to counter-notice**

5. On receiving a counter-notice, the acquiring authority must decide whether to—

- (a) withdraw the notice to treat,
- (b) accept the counter-notice, or
- (c) refer the counter-notice to the Upper Tribunal.

6. The authority must serve notice of their decision on the owner within the period of 3 months beginning with the day on which the counter-notice is served (“the decision period”).

7. If the authority decide to refer the counter-notice to the Upper Tribunal they must do so within the decision period.

8. If the authority do not serve notice of a decision within the decision period they are to be treated as if they had served notice of a decision to withdraw the notice to treat at the end of that period.



9. If the authority serve notice of a decision to accept the counter-notice, the compulsory purchase order and the notice to treat are to have effect as if they included the owner's interest in the house, building or factory.

**Determination by the Upper Tribunal**

10. On a referral under paragraph 7, the Upper Tribunal must determine whether the acquisition of the right or the imposition of the restrictive covenant would—

- (a) in the case of a house, building or factory, cause material detriment to the house, building or factory, or
- (b) in the case of a park or garden, seriously affect the amenity or convenience of the house to which the park or garden belongs.

11. In making its determination, the Upper Tribunal must take into account—

- (a) the effect of the acquisition of the right or the imposition of the covenant,
- (b) the use to be made of the right or covenant proposed to be acquired or imposed, and
- (c) if the right or covenant is proposed to be acquired or imposed for works or other purposes extending to other land, the effect of the whole of the works and the use of the other land.

12. If the Upper Tribunal determines that the acquisition of the right or the imposition of the covenant would have either of the consequences described in paragraph 10, it must determine how much of the house, building or factory the acquiring authority ought to be required to take.

13. If the Upper Tribunal determines that the acquiring authority ought to be required to take some or all of the house, building or factory, the compulsory purchase order and the notice to treat are to have effect as if they included the owner's interest in that land.

14.—(1) If the Upper Tribunal determines that the acquiring authority ought to be required to take some or all of the house, building or factory, the acquiring authority may at any time within the period of 6 weeks beginning with the day on which the Upper Tribunal makes its determination withdraw the notice to treat in relation to that land.

(2) If the acquiring authority withdraws the notice to treat under this paragraph they must pay the person on whom the notice was served compensation for any loss or expense caused by the giving and withdrawing of the notice.

(3) Any dispute as to the compensation is to be determined by the Upper Tribunal.”

**SCHEDULE 9**

Article 30

**Land of which only temporary possession may be taken**

In the District of East Riding of Yorkshire

<i>(1) Plot reference number shown on land plans</i>	<i>(2) Purpose for which temporary possession may be taken</i>	<i>(3) Relevant part of the authorised project</i>
01-001, 01-002, 01-003, 01-004, 01-005, 01-007, 01-008, 01-009	Temporary use for emergency access in the event of accidents and / or environmental incidents to Work Nos. 8A/B and 9A/B and to facilitate construction of a temporary construction	Work No. 10A/B

	compound at Work No. 10A/B	
01-006	Temporary use as a temporary construction compound and laydown area to facilitate emergency works in the event of accidents and / or environmental incidents to Work Nos. 8A/B and 9A/B	Work No. 11A/B
01-010, 01-011, 01-012, 01-013, 01-014, 01-015	Temporary use for emergency access in the event of accidents and / or environmental incidents to Work No. 8A/B	Work No.9A/B
02-028, 02-029	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of Work Nos. 14A/B, 13A/B and 16A/B	Work No.15A/B
02-032	Temporary use as a construction compound, construction working areas and laydown areas, construction of haul road and for access to facilitate construction of Work Nos. 14A/B and 13A/B	Work No 16A/B
08-007, 14-001, 17-003	Temporary use as a construction compound, construction working areas and laydown areas, construction of haul road and for access to facilitate construction of Work No. 14A/B	Work No. 16A/B & 17A/B
06-015, 06-016, 12-001, 12-002	Temporary use as a construction compound, construction working areas and laydown areas, construction of haul road and for access to facilitate construction of Work No. 14A/B and Work No. 18A/B	Work No. 16A/B & 17A/B
06-008, 04-011, 04-016, 04-017, 11-013	Temporary use as a construction compound, construction working areas and laydown areas, construction of haul road and for access to facilitate construction of Work No. 14A/B and Work No. 16A/B	Work No. 17A/B & 18A/B
04-019, 06-011	Temporary use as a construction compound, construction working areas	Work No. 16A/B & 17A/B

	and laydown areas, construction of haul road and for access to facilitate construction of works 14A/B, Work No. 18A/B and Work No. 19A/B	
02-035, 02-036, 13-011	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of Work No. 14A/B	Work No. 18A/B
02-037, 08-001, 11-016, 12-010	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of Work No. 14A/B	Work No. 17A/B & 18A/B
10-001	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of Work No. 14A/B and 20A/B	Work No. 17A/B & 18A/B
03-003, 03-004, 03-005, 03-007, 03-008, 03-009, 04-001, 04-002, 04-003, 04-005, 04-006, 04-007, 06-003, 06-005, 06-006, 06-019, 06-020, 06-022, 06-023, 06-024, 08-011, 08-018, 08-019, 08-020, 08-022, 08-023, 08-024, 09-004, 09-005, 09-007, 11-001, 11-002, 11-003, 11-005, 11-006, 11-007	Temporary use as a construction working area and laydown areas, and for access to facilitate construction of Work No. 14A/B	Work No 15A/B
04-012, 04-015	Temporary use as a construction working area and laydown areas, and for access to facilitate construction of Work No. 14A/B, Work No 16A/B and Work No 18A/B	Work No. 15A/B
04-020	Temporary use to improve junctions, roads and passing places to allow access to Work No. 14A/B, Work No 17A/B and Work No 16A/B	Work No 19A/B & 17A/B
05-002, 09-011, 09-012, 11-017, 13-006, 13-007, 13-008	Temporary use as a construction of haul road, construction working area and laydown areas to facilitate construction of Work No 14A/B	Work No 18A/B
06-013, 14-009, 14-010, 14-012, 16-005, 16-006, 17-006, 17-007	Temporary use as a construction working area and laydown areas, construction of haul road and for access to	Work No 17A/B

	facilitate construction of Work No. 14A/B	
15-002, 15-003	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of Work No. 14A/B and Work No. 20A/B	Work No. 17A/B
11-014, 11-015, 14-002, 17-004	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of Work No. 14A/B and 16A/B	Work No. 17A/B
10-017, 10-018, 13-012, 13-013	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of Work No. 14A/B, Work No. 16A/B and Work No. 18A/B	Work No 17A/B
10-003	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of Work No. 14A/B, 18A/B and 20A/B	Work No 17A/B
08-006	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of Work No. 14A/B and Work No. 18A/B	Work No 17A/B
06-009	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of Work No. 14A/B, Work No. 16A/B and Work No. 18A/B	Work No 17A/B
08-002	Temporary use as a construction of haul road, construction working area and laydown areas and for access to facilitate construction of Work No 14A/B, Work No. 16A/B and Work No. 18A/B	17A/B & 19A/B
06-010	Temporary use as a construction of haul road, construction working area and laydown areas and for access to facilitate construction of Work No 14A/B, Work No. 16A/B and Work No. 18A/B	Work No. 17A/B & 19A/B

6-014, 12-003	Temporary use to improve junctions, roads and passing places to allow access to Work No. 18A/B, 16A/B & 14A/B	Work No. 17A/B & 19A/B
14-003	Temporary use to improve junctions, roads and passing places to allow access to Work No. 16A/B & 14A/B	Work No. 17A/B & 19A/B
08-003, 08-004	Temporary use to improve junctions, roads and passing places to allow access to Work No 17A/B, Work No.16A/B, Work No. 18A/B & Work No. 14A/B	Work No. 19A/B
14-004	Temporary use to improve junctions, roads and passing places to allow access to Work No 17A/B, Work No.16A/B & Work No. 14A/B	Work No. 19A/B
08-010, 08-012	Temporary use as a construction of haul road, construction working area and laydown areas and haul roads to facilitate Work No 18A/B and 14A/B	Works Number 15A/B & 18A/B
10-016	Temporary use as a construction of haul road, construction working area and laydown areas and for access to facilitate construction of Work No 14A/B & 16A/B	Works Number 17A/B & 18A/B
10-015	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of works 14A/B	Work No 16A/B & 18A/B
11-009	Temporary use as a construction working area and laydown areas, and for access to facilitate construction of Work No.14A/B, Work No. 17A/B and Work No. 18A/B	Work No. 16A/B
12-006, 12-007, 12-008, 12-009	Temporary use to improve junctions, roads and passing places to allow access to Work No 17A/B, 16A/B & 14A/B & 18A/B	Work No 19A/B
13-010	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of works 14A/B	Work No. 16A/B & 18A/B & 17A/B
10-004, 15-001, 15-005	Temporary use as a	Work No 17A/B & 20A/B

	construction of haul road, construction working area, construction compound and laydown areas and for access to facilitate construction of Work No 14A/B	
18-005	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction off A1079 of Work No. 14A/B, Work No. 20A/B, Work No. 23A/B and Work No. 24A/B	Work No 21A/B & 22A/B
18-011, 18-013	Temporary use as a construction of haul road, construction working area, construction compound and laydown areas and for access to facilitate construction of Work No 24A/B	Work No 23A/B
18-041, 18-042	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of works 31A/B	Work No 17A/B
18-044	Temporary use as a construction working area and laydown areas, and for access to facilitate construction of works 31A/B	Work No 16A/B
18-027a, 18-045, 18-046, 18-049, 18-051, 18-053, 19-006, 20-001	Temporary use as a construction of haul road, construction working area and laydown areas and for access to facilitate construction of Work No 31A/B	Work No 18A/B
18-047, 18-048	Temporary use as a construction of haul road, construction working area and laydown areas and for access to facilitate construction of Work No 31A/B	Work No 17A/B & 18A/B
20-003	Temporary use as a construction of haul road, construction working area and laydown areas and for access to facilitate construction of Work No 31A/B	Work No 15A/B & 18A/B
18-055	Temporary use as a construction of haul road, construction working area and laydown areas and for access to facilitate construction of Work No 31A/B	Work No 18A/B & 33A/B

19-001, 19-002	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction off A1079 of works 31A/B	Work No 33A/B
20-005	Temporary use as a construction working area and laydown areas, construction of haul road and for access to facilitate construction of works 31A/B & 34A/B	Work No 15A/B

## SCHEDULE 10

Article 35

### Deemed Marine Licence 1: DBS East Project Offshore Generation – Work Nos. 1A, 4A and 7A

#### PART 1

##### Licensed marine activities

#### Interpretation

1.—(1) In this deemed marine licence—

“the 2004 Act” means the Energy Act 2004;

“the 2008 Act” means the Planning Act 2008;

“the 2009 Act” means the Marine and Coastal Access Act 2009;

“the 2017 Regulations” means the Conservation of Offshore Marine Habitats and Species Regulations 2017(a);

“Annex I subtidal habitat” means a subtidal habitat of a type listed in Annex I to Council Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora;

“DBS East array area” means the area covered by Work No. 1A as shown on the offshore works plan;

“DBS East array area disposal site” means the site to be used for disposal of inert material of natural origin produced during construction drilling and seabed preparation for foundation works and cable sandwave clearance to be located within the array area;

“authorised deposits” means the substances and articles specified in paragraph 4 of Part 1 of this deemed marine licence;

“authorised project” means the development and associated development described in Part 1 of Schedule 1 (authorised development) of the Order and any other development authorised by the Order that is development within the meaning of section 32 (meaning of “development”) of the 2008 Act;

“authorised scheme” means Work Nos. 1A, 4A and 7A and the further associated development described in paragraph 3 of Part 1 of this deemed marine licence or any part of that work or development;

“buoy” means any floating device used for navigational purposes or measurement purposes including LiDAR buoys, wave buoys and guard buoys;

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(a) S.I. 2017/1013.

“cable” means any offshore cable and includes direct-lay cables and cables laid in cable ducts and further includes fibre optic and other communications cables either within the cable or laid alongside;

“cable crossing” means the crossing of existing subsea cables or pipelines by the array, inter-platform or export cables authorised by the Order and forming part of the authorised scheme together with physical protection measures including cable protection;

“cable protection” means measures to protect cables forming part of the authorised scheme from physical damage and exposure due to loss of seabed sediment including, but not limited to, rock placement, concrete mattresses with or without frond devices, protective aprons or coverings, bagged solutions filled with sand, rock, grout or other materials and protective shells;

“cable statement” means the document certified by the Secretary of State as the cable statement for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“commence” means the first carrying out of any licensed marine activities authorised by this deemed marine licence, save for pre-construction monitoring surveys approved under this deemed marine licence, and “commenced” and “commencement” must be construed accordingly;

“condition” means a condition in Part 2 of this licence;

“Defence Infrastructure Organisation Safeguarding” means Ministry of Defence Safeguarding, Defence Infrastructure Organisation, Kingston Road, Sutton Coldfield, West Midlands, B75 7RL and any successor body to its functions;

“DBSEL” means RWE Renewables UK Dogger Bank South (East) Limited, company number 13656240, whose registered office is Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire, England, SN5 6PB;

“DBS East” means the Dogger Bank South East Offshore Wind Farm;

“DBS East Project” means the DBS East Project offshore works and the DBS East Project onshore works;

“DBS East Project offshore works” means Work Nos. 1A to 9A and any other authorised development associated with those works;

“DBS East Project onshore works” means Work Nos. 10A to 34A and any other authorised development associated with those works;

“DBSWL” means RWE Renewables UK Dogger Bank South (West) Limited, company number 13656525, whose registered office is Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire, England, SN5 6PB;

“DBS West Project” means the DBS West Project onshore works and the DBS West Project offshore works;

“DBS West offshore works” means Work Nos. 1B to 9B and any authorised development associated with those works;

“DBS West Project onshore works” means Work Nos. 10B to 34B and any other authorised development associated with those works;

“Dropped Object Procedure Form” means the MMO notification proforma with reference MLDIR1 for reporting the loss or dumping of synthetic materials and other refuse at sea or any other format advised in writing by the MMO;

“environmental statement” means the document certified by the Secretary of State as the environmental statement for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

~~“gravity base structure foundation” means a structure principally of steel, concrete, or steel and concrete, which rests on the seabed either due to its own weight with or without added ballast, skirts or other additional fixings, and associated equipment including scour protection;~~



~~J-tubes, corrosion protection systems, access platforms and equipment and separate topside connection structures or integrated transition pieces;~~

“habitats of principal importance” “means a habitat designated as being of principal importance in accordance with section 41 (biodiversity lists and action (England)) of the Natural Environment and Rural Communities Act 2006;

“HAT” means highest astronomical tide;

“HVAC” means high voltage alternating current;

“array cable” means a cable linking the wind turbine generators to each other and to the offshore ~~electrical installations~~[converter platforms](#);

“in principle monitoring plan” means the document certified by the Secretary of State as the in principle monitoring plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation” means the document certified by the Secretary of State as the in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“inter-platform cable” means a cable linking the offshore ~~electrical installations~~[converter platforms](#);

“intrusive activities” means activities including anchoring of vessels, jacking up of vessels, temporary deposits and temporary wet storage areas;

“jacket foundation” means a lattice type structure constructed of steel which is fixed to the seabed at 3 or more points with steel pin piles and associated equipment including scour protection, J-tubes, corrosion protection systems and access platforms;

“JNCC Guidance” means the statutory nature conservation body ‘Guidance for assessing the significance of noise disturbance against Conservation Objectives of harbour porpoise SACs’ Joint Nature Conservation Committee Report No.654, May 2020 published in June 2020 as amended, updated or superseded from time to time;

“LAT” means lowest astronomical tide;

“maintain” includes inspect, upkeep, repair, adjust, alter, remove, reconstruct and replace (including replenishment of cable protection), but does not include the removal, reconstruction or replacement of foundations associated with the authorised scheme, to the extent assessed in the environmental statement; and “maintenance” must be construed accordingly;

“Marine Management Organisation” means the body created under the 2009 Act which is responsible for the regulation of this deemed marine licence or any successor of that function and “MMO” must be construed accordingly;

“Marine Noise Registry” means the database developed and maintained by JNCC on behalf of Defra to record the spatial and temporal distribution of impulsive noise generating activities in UK seas;

“MCA” means the Maritime and Coastguard Agency, the executive agency of the Department for Transport;

“MCMS” means the Marine Case Management System web portal provided and operated by the MMO;

“mean sea level” means the average level of the sea surface over a period of time, taking account of all tidal effects and surge events;

“MHWS” or “mean high water springs” means the highest level that spring tides reach on average over a period of time;

“MLWS” or “mean low water springs” means the lowest level that spring tides reach on average over a period of time;

“monopile foundation” means a steel pile driven or drilled into the seabed and associated equipment including scour protection, J-tubes, corrosion protection systems and access platforms and equipment;

“offshore order limits and grid coordinates plan” means the plan certified by the Secretary of State as the offshore order limits and grid coordinates plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“offshore accommodation platform” means a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing accommodation, storage, workshop auxiliary equipment and facilities for operating, maintaining and controlling the offshore converters or wind turbine generators, including but not limited to navigation, aviation and safety marking and lighting, systems for vessel access and retrieval, cranes, potable water supply, black water separation, stores, fuels and spares, communications systems and control hub facilities;

~~“offshore collector platform” means an offshore collector platform with equipment to collect the HVAC power generated at the wind turbine generators, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity generated at the wind turbine generators to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, substation auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;~~

“offshore converter platform” means an offshore converter platform with equipment to convert the HVAC power generated at the wind turbine generators into HVDC power, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity generated at the wind turbine generators to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, substation auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;

~~“offshore electrical installations” means the offshore collector platforms, offshore converter platforms and offshore switching platform forming part of the authorised project;~~

~~“offshore switching platform” means an offshore switching platform with equipment to facilitate and alter the inter-connection and onward transmission of power from two or more power transmission systems, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;~~

“Order” means Dogger Bank South East and West Offshore Wind Farms Order 20[ ];

“Order limits” means the limits shown on the offshore order limits and grid coordinates plans within which the authorised scheme may be carried out and the grid coordinates for Work Nos. 1A, 4A and 7A are set out in paragraph 5 of Part 1 of this deemed marine licence;

“outline fisheries liaison and co-existence plan” means the document certified by the Secretary of State as the outline fisheries liaison and co-existence plan for the purposes of the Order

under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline marine mammal mitigation protocol” means the document certified by the Secretary of State as the outline marine mammal mitigation protocol for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline offshore operations and maintenance plan” means the document certified by the Secretary of State as the outline offshore operations and maintenance plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline project environmental management plan” means the document certified by the Secretary of State as the outline project environmental management plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline scour protection plan” means the document certified by the Secretary of State as the outline scour protection plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline vessel traffic monitoring plan” means the document certified by the Secretary of State as the outline vessel traffic monitoring plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline written scheme of investigation (offshore)” means the document certified by the Secretary of State as the outline written scheme of investigation (offshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“scour protection” means measures to prevent loss of seabed sediment around any structure placed in or on the seabed including by the use of bagged solutions, filled with grout or other materials, protective aprons, concrete mattresses with or without frond devices, and rock and gravel placement;

“statutory historic body” means Historic England or its successor in function;

“statutory nature conservation body” means a statutory nature conservation body, being the appropriate nature conservation body as defined in Regulation 5 of the Conservation of Habitats and Species Regulations 2017(a) or its equivalent in the Conservation of Offshore Marine Habitats and Species Regulations 2017(b);

“transition piece” means a metal structure attached to the top of a foundation where the base of a wind turbine generator is connected and includes additional equipment such as J-tubes, corrosion protection systems, boat access systems, access platforms, craneage, electrical transmission equipment and associated equipment;

“Trinity House” means the Corporation of Trinity House of Deptford Strond;

“UKHO” means the United Kingdom Hydrographic Office of Admiralty Way, Taunton, Somerset, TA1 2DN;

“undertaker” means DBSEL;

“VHF” means very high frequency;

“vessel” means every description of vessel, however propelled or moved, and includes a non-displacement craft, a personal watercraft, a seaplane on the surface of the water, a hydrofoil vessel, a hovercraft or any other amphibious vehicle and any other thing constructed or adapted for movement through, in, on or over water and which is at the time in, on or over water;

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(a) S.I. 2017/1012

(b) S.I. 2017/1013

“wind turbine generator” means a structure comprising a tower, a rotor with three blades connected at the hub, a nacelle and ancillary electrical and other equipment which may include J-tubes, transition piece, access and rest platforms, access ladders, boat access systems, corrosion protection systems, fenders and maintenance equipment, helicopter landing facilities and other associated equipment, fixed to a foundation and forming part of the authorised scheme;

“works plans” means the works plans (offshore) and the works plans (onshore);

“works plans (offshore)” means the plans certified by the Secretary of State as the works plans (offshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified); and

“works plans (onshore)” means the plans certified by the Secretary of State as the works plans (onshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified).

(2) In this deemed marine licence, a reference to any statute, order, regulation or similar instrument is a reference to a statute, order, regulation or instrument as amended by any subsequent statute, order, regulation or instrument or as contained in any subsequent re-enactment.

(3) In this deemed marine licence, unless otherwise indicated—

(a) all times are Greenwich Mean Time (“GMT”);

(b) all coordinates are latitude and longitude degrees and minutes to two decimal places.

(4) Unless otherwise stated or agreed with the MMO, all submissions, notifications and communications must be sent by the undertaker to the MMO using MCMS. Except where otherwise notified in writing by the relevant organisation, the addresses for correspondence for the purposes of this deemed marine licence Schedule are—

(a) Historic England

37 Tanner Road

York

YO1 6WP

(b) Marine Management Organisation

Marine Licensing Team

Lancaster House

Hampshire Court

Newcastle Business Park

Newcastle upon Tyne

NE4 7YH

Tel: 0300 123 1032

(c) Marine Management Organisation (local office)

Room 13, Ground Flood

Crosskill House

Mill Lane

Beverley

HU17 9JB

Tel: 0208 026 0519

(d) Maritime and Coastguard Agency

Navigation Safety Branch

Bay 2/20, Spring Place

105 Commercial Road

Southampton

SO15 1EG

Tel: 020 3817 2433

- (e) Natural England  
4<sup>th</sup> Floor  
Foss House  
1-2 Peasholme Green  
York  
YO1 7PX  
Tel: 0300 060 4911

- (f) Trinity House  
Tower Hill  
London  
EC3N 4DH  
Tel: 020 7481 6900

- (g) United Kingdom Hydrographic Office  
Admiralty Way  
Taunton  
Somerset  
TA1 2DN  
Tel: 01823 337 900

(5) Unless otherwise advised in writing by the MMO, the address for electronic communication with the MMO for the purposes of this licence is [marine.consents@marinemanagement.org.uk](mailto:marine.consents@marinemanagement.org.uk), or where contact to the Local Office of the MMO is required, [beverley@marinemanagement.org.uk](mailto:beverley@marinemanagement.org.uk).

### **Details of licensed marine activities**

2. Subject to the conditions, this deemed marine licence authorises the undertaker (and any agent or contractor acting on their behalf) to carry out the following licensable marine activities under section 66(1) (licensable marine activities) of the 2009 Act—

- (a) the deposit at sea within the Order limits seaward of MHWS of the substances and objects specified in paragraph 4 below and, when combined with the disposal authorised within the array area disposal site by the deemed marine licence granted under Schedule 12 of the Order, of up to ~~541,482~~569,916 cubic metres (being a maximum, not an approximate upper figure) of inert material of natural origin produced during construction drilling or seabed preparation for foundation works, cable works and boulder clearance works at disposal site references to be provided to the MMO within the array area disposal site;
- (b) the construction of works in or over the sea or on or under the sea bed;
- (c) dredging for the purposes of seabed preparation for foundation works or cable works;
- (d) the removal of sediment samples for the purposes of informing environmental monitoring under this deemed marine licence during pre-construction, construction and operation;
- (e) boulder clearance works by displacement ploughing or subsea grab technique or any other comparable method;
- (f) removal of static fishing equipment; and
- (g) site preparation works.

3. Such activities are authorised in relation to the construction, maintenance and operation of—

*Work No. 1A—*

- (a) An offshore wind turbine generating station comprising up to 100 wind turbine generators each fixed to the seabed by monopile or jacket foundations;
- (b) a network of HVAC subsea cables connecting the wind turbine generators and Work No. 2A within the area shown on the works plans, including cable crossings and cable protection;

*Work No. 4A—*

Up to one accommodation platform fixed to the seabed by jacket or monopile foundations within the area shown on the works plans;

*Work No. 7A—*

A temporary work area associated with Work Nos. 1A to ~~6A5A~~ for vessels to carry out intrusive activities and non-intrusive activities alongside Work Nos. 1A to ~~6A5A~~;

In connection with such Work Nos. 1A, 4A and 7A and to the extent that they do not otherwise form part of any such work, further associated development comprising such other works as may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised scheme and which fall within the scope of the work assessed by the environmental statement and the provisions of this licence, including:

- (a) scour protection around the foundations of the offshore structures;
- (b) cable protection measures such as the placement of rock and/or concrete mattresses, with or without frond devices;
- (c) the removal of material from the seabed required for the construction of Work Nos. 1A, and 4A and the disposal of inert material of natural origin within the Order limits produced during construction drilling, seabed preparation for foundation works, cable installation preparation such as sandwave clearance, and boulder clearance;
- (d) removal of static fishing equipment;
- (e) temporary landing places, moorings or other means of accommodating vessels in the construction or maintenance of the authorised scheme;
- (f) disposal of drill arisings in connection with any foundation drilling up to a total of 35,086 cubic metres;
- (g) creation and use of temporary laydown areas, use of cable lay vessel anchors; and
- (h) lighting.

4. The substances and objects authorised for deposit at sea are—

- (a) iron, steel, copper and aluminium;
- (b) stone and rock;
- (c) concrete and grout;
- (d) sand and gravel;
- (e) cement bound sand;
- (f) natural soils;
- (g) plastic and synthetic material;
- (h) drilling fluid;
- (i) material extracted from within the Order limits during construction drilling or seabed preparation for foundation works and cable installation preparation works;
- (j) weights used for the calibration of vessels, consisting of a hessian sack, metal shackles or chains; and
- (k) marine coatings, other chemicals and timber.

5. The grid coordinates for that part of the authorised scheme comprising Work Nos. 1A, 4A and 7A are specified below—

<i>Point ID</i>	<i>Latitude (DMS)</i>	<i>Longitude (DMS)</i>
1	54° 31.15408' N	1° 44.71761' E
2	54° 31.46655' N	1° 44.62625' E
3	54° 31.75489' N	1° 44.85252' E
4	54° 34.18354' N	1° 48.56875' E
5	54° 34.30904' N	1° 48.85301' E
6	54° 34.36288' N	1° 49.19779' E
7	54° 34.74598' N	1° 58.90264' E
8	54° 34.77086' N	1° 59.72884' E
9	54° 34.67215' N	2° 0.18106' E
10	54° 34.47546' N	2° 0.46972' E
11	54° 24.47523' N	2° 8.98399' E
12	54° 24.09368' N	2° 8.92387' E
13	54° 23.82918' N	2° 8.43359' E
14	54° 21.08378' N	1° 54.2778' E
15	54° 21.0601' N	1° 53.90188' E
16	54° 21.14588' N	1° 53.48645' E
17	54° 21.33732' N	1° 53.18358' E

6. This deemed marine licence remains in force until the authorised scheme has been decommissioned in accordance with a programme approved by the Secretary of State under section 106 (approval of decommissioning programmes) of the 2004 Act, including any modification to the programme under section 108, and the completion of such programme has been confirmed by the Secretary of State in writing.

7. The provisions of section 72 (variation, suspension, revocation and transfer) of the 2009 Act apply to this deemed marine licence except that the provisions of section 72(7) and (8) relating to the transfer of the licence apply only to a transfer not falling within article 5 (benefit of order) of the Order.

8.—(1) With respect to any condition which requires the licensed activities be carried out in accordance with the details, plans or schemes approved under this deemed marine licence, the approved details, plans or schemes are taken to include any amendments that may subsequently be approved in writing by the MMO.

(2) Any amendments to or variations from the approved details, plans or schemes must be in accordance with the principles and assessments set out in the environmental statement and approval of an amendment or variation may only be given where it has been demonstrated to the satisfaction of the MMO that it is unlikely to give rise to any materially new or materially different environmental effects from those assessed in the environmental statement.

9. Should the undertaker become aware that any of the information on which the granting of this deemed marine licence was based was materially false or misleading, the undertaker must notify the MMO of this fact in writing as soon as is reasonably practicable. The undertaker must explain in writing what information was materially false or misleading and must provide to the MMO the correct information.

## PART 2

### Conditions

#### Design parameters

##### *Wind turbine generator dimensions*

1.—(1) Subject to sub-paragraph (2), wind turbine generators forming part of the authorised scheme must not:—

- (a) exceed a height of 394.08 metres when measured from MHWS to the tip of the vertical blade;
- (b) exceed a rotor diameter of 344.08 metres;
- (c) be less than 830 metres from the nearest wind turbine generator in any direction;
- (d) have a distance of less than 34 metres between the lowest point of the rotating blade of the wind turbine generator and mean sea level; or
- (e) exceed 100 wind turbine generators.

(2) References to the location of a wind turbine generator are references to the centre point at the base of the wind turbine generator.

#### *Wind turbine generator foundations*

2.—(1) Wind turbine generator foundations must be of one or more of the following foundation options: piled monopile, or piled jacket foundation.

(2) No wind turbine generator piled monopile foundation may have a pile diameter exceeding 15 metres.

(3) No wind turbine generator piled jacket foundation will:—

- (a) have more than four legs;
- (b) have more than four piles; or
- (c) have a pile diameter exceeding four metres.

(4) Within Work No. 1A, the wind turbine generator foundations must not have:—

- (a) a total combined seabed footprint (including scour protection) exceeding 311,725 square metres; or
- (b) a total combined amount of scour protection exceeding 302,221.21 square metres.

#### *Offshore accommodation platform dimensions*

3.—(1) The total number of offshore accommodation platforms in respect of the authorised scheme must not exceed one.

(2) The dimensions of any offshore accommodation platform (excluding helidecks, lightning protection, towers, masts and cranes) must not exceed:—

- (a) 125 metres in length;
- (b) 100 metres in width; or
- (c) 105 metres in height above LAT.

#### *Offshore accommodation platform foundations*

4.—(1) Offshore accommodation platform foundations must be of one or more of the following foundation options: piled monopile or piled jacket foundation.

(2) The pile diameter of any offshore accommodation platform piled monopile must not exceed 15 metres.

(3) Any offshore accommodation platform piled jacket foundation must not:—

- (a) have more than eight legs;
- (b) have more than eight piles; or
- (c) have a pile diameter exceeding 3.8 metres.

(4) Any offshore accommodation platform foundation must not:—

- (a) have a seabed footprint (including scour protection) exceeding 5,411 square metres; or
- (b) have a seabed footprint (excluding scour protection) exceeding 177 square metres.



(5) The total volume of scour protection for wind turbine generators and the offshore accommodation platform must not exceed 548,095 cubic metres.

#### *Cables and cable protection*

5.—(1) Within Work No. 1A the array cables must not, in total:—

- (a) exceed ~~3250~~ kilometres in length;
- (b) exceed ~~1520~~ cable crossings;
- (c) have cable protection (including cable crossings) exceeding ~~349,710~~375,780 square metres in area; or
- (d) have cable protection (including cable crossings) exceeding ~~203,925~~219,115 cubic metres in volume.

(2) The array cables within Work No. 1A which fall within the Dogger Bank Special Area of Conservation must not have cable protection exceeding 10% of the length of such cables, when combined with the offshore export cables, array cables and inter-platform cables authorised by the deemed marine licences granted under Schedules 11 – 14 of the Order.

#### **Phases of authorised scheme**

6.—(1) The authorised scheme must not commence until an offshore works phasing scheme setting out the phases of construction of the authorised scheme has been submitted to and approved in writing by the MMO.

(2) The authorised scheme must be submitted at least 4 months prior to the proposed commencement of the works.

(3) Any subsequent amendments to the offshore works phasing scheme submitted for approval under sub-paragraph (1) must be submitted to the MMO for approval in writing.

(4) The offshore works phasing scheme submitted for approval under sub-paragraph (1) must be implemented as approved. The approved details shall be taken to include any amendment that may subsequently be approved by the MMO in accordance with sub-paragraph (3).

#### **Maintenance of the authorised scheme**

7.—(1) The undertaker may at any time maintain the authorised scheme, except to the extent that this licence or an agreement made under this licence provides otherwise.

(2) Maintenance works include but are not limited to—

- (a) Routine maintenance of wind turbine generators, offshore accommodation platform, and their respective foundations;
- (b) Major wind turbine component or offshore accommodation platform replacement;
- (c) Painting and applying other coatings to wind turbine generators or offshore accommodation platforms;
- (d) Bird waste and marine growth removal;
- (e) Surveys/inspections of cables;
- (f) Cable remedial burial;
- (g) Cable protection replenishment;
- (h) Cable repairs and replacement;
- (i) Access ladder and boat landing replacement;
- (j) Wind turbine generator and offshore accommodation platform anode replacement; and
- (k) J-tube repair/replacement.

(3) Operation of the licensed activities must not commence until an offshore operations and maintenance plan substantially in accordance with the outline offshore operations and

maintenance plan has been submitted to and approved in writing by the MMO. The operations and maintenance plan must include, but is not limited to—

- (a) a list of maintenance activities within the marine environment that are planned for the lifetime of the licensed activities;
- (b) details of the typical construction plant, machinery and personnel requirements for each maintenance activity and any requirements for detailed method statements;
- (c) details of the typical frequency and timing of each maintenance activity; and
- (d) details of controls and mitigation that will be in place in order to protect the marine environment.

(4) The offshore operations and maintenance plan must be reviewed every three years commencing from the date on which the plan was approved, unless otherwise agreed by the MMO, to ensure the details of the maintenance activities remain accurate. The conclusions of that review must be submitted to and approved by the MMO in writing.

(5) The offshore operations and maintenance plan must be implemented as approved by the MMO.

(6) Unless otherwise agreed in writing with the MMO, the undertaker must submit—

- (a) the first offshore operations and maintenance plan at least 4 months prior to the operation of the licensed activities;
- (b) any revised offshore operations and maintenance plan submitted in accordance with sub-paragraph (4) at least 4 months before such revised plan is required to be put in place; and
- (c) where additional maintenance activities are identified that are not included in the approved offshore operations and maintenance plan, or any revised plan approved in accordance with sub-paragraph (4), an updated offshore operations and maintenance plan including the additional maintenance activities must be submitted to and approved by the MMO in writing as soon as possible after the need for such additional maintenance activities is identified.

### **Extension of time periods**

8. Any time period given in this deemed marine licence to either the undertaker or the MMO may be extended with the agreement of the other party, such agreement not to be unreasonably withheld or delayed.

### **Notifications and inspections**

9.—(1) The undertaker must ensure that—

- (a) a copy of this deemed marine licence (issued as part of the grant of the Order) and any subsequent amendments or revisions to it is provided to—
  - (i) all agents and contractors notified to the MMO in accordance with condition 19;
  - (ii) the masters and transport managers responsible for the vessels notified to the MMO in accordance with condition 19;
- (b) within 28 days of receipt of a copy of this deemed marine licence and any subsequent amendments or revisions to it, those persons referred to in sub-paragraph (1)(a) must confirm receipt of this deemed marine licence in writing to the MMO.

(2) Only those persons and vessels notified to the MMO in accordance with condition 19 are permitted to carry out the licensed activities.

(3) Copies of this deemed marine licence must also be available for inspection at the following locations—

- (a) the undertaker's registered address;

- (b) any site office located at or adjacent to the construction site and used by the undertaker or its agents and contractors responsible for the loading, transportation or deposit of the authorised deposits; and
  - (c) on board each vessel and at the office of any transport manager with responsibility for vessels from which authorised deposits or removals are to be made.
- (4) The documents referred to in sub-paragraph (1)(a) must be available for inspection by an authorised enforcement officer at the locations set out in sub-paragraph (3)(b).
- (5) The undertaker must provide access, and if necessary appropriate transportation, to the offshore construction site or any other associated works or vessels to facilitate any inspection that the MMO considers necessary to inspect the works during the construction and operation of the authorised scheme.
- (6) The undertaker must inform the MMO Local Office in writing at least five days prior to the commencement of the licensed activities or any part of them and within five days of the completion of the licensed activity.
- (7) The undertaker must inform the Kingfisher Information Service of Seafish by email to [kingfisher@seafish.co.uk](mailto:kingfisher@seafish.co.uk) of details of the vessel routes, timings and locations relating to the construction of the authorised scheme or relevant part—
- (a) at least 14 days prior to the commencement of offshore activities, for inclusion in the Kingfisher Fortnightly Bulletin and offshore hazard awareness data;
  - (b) on completion of construction of the authorised scheme, and confirmation of notification must be provided to the MMO within five days.
- (8) The undertaker must ensure that a local notification to mariners is issued at least 14 days prior to the commencement of the authorised scheme or any part thereof advising of the start date of each of Work Nos. 1A and 4A and the expected vessel routes from the construction ports to the relevant location. Copies of all notices must be provided to the MMO, MCA and UKHO within five days.
- (9) The undertaker must ensure that local notifications to mariners are updated and reissued at weekly intervals during construction activities and at least five days before any planned operations (or otherwise agreed) and maintenance works and supplemented with VHF radio broadcasts agreed with the MCA in accordance with the construction programme and monitoring plan approved under condition 15(1)(b). Copies of all notices must be provided to the MMO and UKHO within five days.
- (10) The undertaker must notify UKHO of the commencement (within fourteen days), progress and completion of construction (within fourteen days) of the licensed activities in order that all necessary amendments to nautical and aeronautical charts are made and the undertaker must send a copy of such notifications to the MMO within five days of the notification.
- (11) In case of damage to, or destruction or decay of, the authorised scheme or any part thereof, excluding the exposure of cables, the undertaker must as soon as reasonably practicable and no later than 24 hours following the undertaker becoming aware of any such damage, destruction or decay, notify the MMO, the MMO Local Office, MCA, Trinity House, the Kingfisher Information Service of Seafish and UKHO.
- (12) In case of the exposure of cables on or above the seabed, the undertaker must within three days following identification of a potential cable exposure, notify mariners and inform the Kingfisher Information Service of Seafish of the location and extent of exposure. Copies of all notices must be provided to the MMO, MCA, Trinity House, and UKHO within five days.
- (13) The undertaker must notify the MMO in writing a minimum of five days in advance of the commencement of each discrete incident of cable repair, replacement, or protection replenishment activity. Such a notification must include proposed timings and a description of proposed methodologies.
- (14) The undertaker must ensure that the MMO, the MMO Local Office, local mariners, local fishermen's organisations and the Source Data Receipt Team at the UK Hydrographic Office,

Taunton, Somerset, TA1 2DN sdr@ukho.gov.uk are notified within five days of completion of each instance of cable repair, replacement or protection replenishment activity.

### **Aids to navigation**

**10.**—(1) The undertaker must during the whole of the period from commencement of construction of the authorised scheme to completion of decommissioning of the authorised scheme exhibit such lights, marks, sounds, signals and other aids to navigation, and take such other steps for the prevention of danger to navigation, as Trinity House may from time to time direct.

(2) The undertaker must during the period from commencement of construction of the authorised scheme to completion of decommissioning of the authorised scheme keep Trinity House and the MMO informed of progress of the authorised scheme including—

- (a) notice of commencement of construction of the authorised scheme within 24 hours of commencement having occurred;
- (b) notice within 24 hours of any aids to navigation being established by the undertaker; and
- (c) notice within five days of completion of construction of the authorised scheme.

(3) The undertaker must provide reports to Trinity House on the availability of aids to navigation in accordance with the frequencies set out in the aids to navigation management plan agreed pursuant to condition 15(1)(f) using the reporting system provided by Trinity House.

(4) The undertaker must during the period from commencement of the licensed activities to completion of decommissioning of the authorised scheme notify Trinity House and the MMO of any failure of the aids to navigation, and the timescales and plans for remedying such failures, as soon as possible and no later than 24 hours following the undertaker becoming aware of any such failure.

(5) In the event that the provisions of condition 9(11) or condition 9(12) are invoked, the undertaker must lay down such buoys, exhibit such lights and take such other steps for preventing danger to navigation as directed by Trinity House.

### **Colouring of Structures**

**11.** The undertaker must paint all structures forming part of the authorised scheme yellow (colour code RAL 1023) from at least HAT to the height agreed in writing with Trinity House. The undertaker must paint the remainder of the structures grey (colour code RAL 7035). Requests to change the colouring of the structure must be submitted to the MMO in writing and must not be undertaken unless approved in writing by the MMO.

### **Aviation safety**

**12.**—(1) The undertaker must exhibit such lights, with such shape, colour and character as are required in writing by the Air Navigation Order 2016<sup>(a)</sup> and determined necessary for aviation safety in consultation with the Defence Infrastructure Organisation Safeguarding and as directed by the Civil Aviation Authority.

(2) The undertaker must notify the Defence Infrastructure Organisation Safeguarding, the Civil Aviation Authority and the MMO, at least 14 days prior to the commencement of the authorised scheme, in writing of the following information—

- (a) the date of the commencement of construction of the authorised scheme;
- (b) the date any wind turbine generators are to be installed;
- (c) the maximum height of any construction equipment or vessels to be used;
- (d) the maximum height of each wind turbine generator to be constructed;
- (e) the latitude and longitude of each wind turbine generator to be constructed;

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(a) S.I. 2016/765.

and the Defence Infrastructure Organisation Safeguarding and the Civil Aviation Authority must be notified of any changes to the information supplied under this paragraph and of the completion of the construction of the authorised scheme. Copies of notifications must be provided to the MMO within 5 days.

### **Chemicals, drilling and debris**

13.—(1) Unless otherwise agreed in writing by the MMO, the carriage and use of chemicals in the construction of the authorised scheme must comply with the International Convention for the Prevention of Pollution from Ships 1973 as modified by the Protocol of 1978 relating thereto and by the Protocol of 1997.

(2) The undertaker must ensure that any coatings and treatments are suitable for use in the marine environment and are used in accordance with guidelines approved by the Health and Safety Executive and the Environment Agency Pollution Prevention Control Guidelines.

(3) The storage, handling, transport and use of fuels, lubricants, chemicals and other substances must be undertaken to prevent releases into the marine environment, including bunding of 110 percent of the total volume of all reservoirs and containers.

(4) The undertaker must inform the MMO in writing of the location and quantities of material disposed of each month under this deemed marine licence by submission of a disposal return by 15 February each year for the months August to January inclusive, and by 15 August each year for the months February to July inclusive and must provide a null return if no activity has taken place during the reporting period.

(5) The undertaker must ensure that only inert material of natural origin, produced during the drilling installation of or seabed preparation for foundations, and drilling mud is disposed of within the Order limits seaward of MHWS.

(6) The undertaker must ensure that any rock material used in the construction of the authorised scheme is from a recognised source, free from contaminants and containing minimal fines.

(7) In the event that any rock material used in the construction of the authorised scheme is misplaced or lost below MHWS, the undertaker must report the loss in writing to the local enforcement office within 24 hours and if the MMO, in consultation with the MCA and Trinity House, reasonably considers such material to constitute a navigation or environmental hazard (dependent on the size and nature of the material) the undertaker must, in that event, demonstrate to the MMO that reasonable attempts have been made to locate, remove or move any such material.

(8) The undertaker must ensure that no waste concrete slurry or wash water from concrete or cement works are discharged into the marine environment. Concrete and cement mixing and washing areas must be contained to prevent run off entering the water through the freeing ports.

(9) The undertaker must ensure that any oil, fuel or chemical spill within the marine environment is reported to the MMO Marine Pollution Response Team in accordance with the marine pollution contingency plan agreed under condition 15(1)(d)(i).

(10) All dropped objects must be reported to the MMO using the Dropped Object Procedure Form as soon as reasonably practicable and in any event within 24 hours of the undertaker becoming aware of an incident. On receipt of the Dropped Object Procedure Form the MMO may require relevant surveys to be carried out by the undertaker (such as side scan sonar) if reasonable to do so and the MMO may require obstructions to be removed from the seabed at the undertaker's expense if reasonable to do so.

### **Force majeure**

14. If, due to stress of weather or any other cause, the master of a vessel determines that it is necessary to deposit the authorised deposits within or outside of the Order limits because the safety of human life or of the vessel is threatened, within 48 hours the undertaker must notify full details of the circumstances of the deposit to the MMO.

## Pre-construction plans and documentation

15.—(1) The licensed activities or any phase of those activities must not commence until the following (insofar as relevant to that activity or phase of activity) have been submitted to and approved in writing by the MMO, in consultation with Trinity House, the MCA, the relevant statutory nature conservation body and UKHO as appropriate —

- (a) a layout plan setting out proposed details of the authorised scheme, including the:
  - (i) number, dimensions, specification, foundation type(s) and depth for each wind turbine generator and offshore accommodation platform;
  - (ii) the grid coordinates of the centre point of the proposed location for each wind turbine generator and offshore accommodation platform;
  - (iii) proposed layout of all cables;
  - (iv) location and specification of all other aspects of the authorised scheme; and
  - (v) any exclusion zones or micro-siting requirements identified pursuant to 15(1)(e)(iv) or relating to any habitats of principal importance, Annex I subtidal habitats or surficial deposits of glacial till identified as part of surveys undertaken in accordance with condition 20;to ensure conformity with the description of Work No. 1A and 4A and compliance with conditions 1 to 5;
- (b) a construction programme and monitoring plan (which accords with the in principle monitoring plan) which, save in respect information submitted pursuant to sub-paragraph (b)(iii)(aa), is to be submitted to the MMO at least six months prior to commencement of licensed activities and to include details of—
  - (i) the proposed construction start date;
  - (ii) proposed timings for mobilisation of plant delivery of materials and installation works;
  - (iii) proposed pre-construction surveys, baseline report format and content, construction monitoring, post-construction surveys and monitoring and related reporting in accordance with conditions 20, 21 and 22 to be submitted to the MMO in accordance with the following (unless otherwise agreed in writing with the MMO):—
    - (aa) at least four months prior to the first survey, detail of the pre-construction surveys and an outline of all proposed pre-construction monitoring;
    - (bb) at least four months prior to construction, detail on construction monitoring; and
    - (cc) at least four months prior to commissioning, detail of post-construction (and operational) monitoring;
  - (iv) an indicative written construction programme for all wind turbine generators and cables including fibre optic cables comprised in the works at Part 1 (licensed marine activities) of this Schedule (insofar as not shown in paragraph (ii) above); and
  - (v) a monitoring plan setting out the circumstances in which monitoring will be required and the monitoring to be carried out in such circumstances;
- (c) a construction method statement (in accordance with the cable statement), including details of—
  - (i) cable burial, specification, installation and monitoring to include—
    - (aa) the technical specification of cables below MHWS;
    - (bb) a detailed cable laying plan for the authorised scheme, incorporating a detailed burial risk assessment encompassing the identification of any cable protection that exceeds 5 percent of navigable depth referenced to Chart Datum and, in the event that any area of cable protection exceeding 5 percent of navigable depth is identified, details of any steps (to be determined following consultation with the MCA and Trinity House) to be taken to ensure

- existing and future safe navigation is not compromised or similar such assessment to ascertain suitable burial depths and cable laying techniques, including cable protection; and
- (cc) proposals for monitoring cables including cable protection until the authorised scheme is decommissioned which includes a risk-based approach to the management of unburied or shallow buried cables;
  - (ii) a scour protection plan (in accordance with the outline scour protection plan) including details of scour protection and cable protection including details of the need, type, sources, quantity and installation methods for scour protection and cable protection, with details updated and resubmitted for approval if changes to it are proposed following cable laying operations;
  - (iii) foundation installation methodology, including drilling methods and disposal of drill arisings and material extracted during seabed preparation for foundation and cable installation works and having regard to any mitigation scheme pursuant to subparagraph (1)(g);
  - (iv) advisory safe passing distances for vessels around sites where the licensed activities are taking place.
  - (v) contractors;
  - (vi) vessels and vessel transit corridors;
  - (vii) associated ancillary works; and
  - (viii) guard vessels to be employed;
- (d) a project environmental management plan (in accordance with the outline project environmental management plan) covering the period of construction and operation to include details of—
- (i) a marine pollution contingency plan to address the risks, methods and procedures to deal with any spills and collision incidents during construction of the authorised scheme in relation to all activities carried out;
  - (ii) a chemical risk assessment, including information regarding how and when chemicals are to be used, stored and transported in accordance with recognised best practice guidance;
  - (iii) waste management and disposal arrangements;
  - (iv) the appointment and responsibilities of a fisheries liaison officer;
  - (v) a fisheries liaison and coexistence plan (which accords with the outline fisheries liaison and co-existence plan) to ensure relevant fishing fleets are notified of commencement of licensed activities pursuant to condition 9 and to address the interaction of the licensed activities with fishing activities;
  - (vi) a code of conduct for vessel operators to reduce risk of injury to mammals; and
  - (vii) procedures, which must be adopted within vessel transit corridors to minimise disturbance to red-throated diver during the period 1 November to 31 March (inclusive), which must be in accordance with the best practice protocol for minimising disturbance to red-throated diver;
- (e) an archaeological written scheme of investigation in relation to the offshore Order limits seaward of MHWS, which must accord with the outline written scheme of investigation (offshore) and industry good practice, in consultation with the statutory historic body to include—
- (i) details of responsibilities of the undertaker, archaeological consultant and contractor;
  - (ii) a methodology for further site investigation including any specifications for geophysical, geotechnical and diver or remotely operated vehicle investigations;
  - (iii) archaeological analysis of survey data, and timetable for reporting, which is to be submitted to the MMO within four months of any survey being completed;

- (iv) delivery of any mitigation including, where necessary, identification and modification of archaeological exclusion zones;
  - (v) monitoring of archaeological exclusion zones during and post construction;
  - (vi) a requirement for the undertaker to ensure that a copy of any agreed archaeological report is deposited with the Archaeological Data Service, by submitting an OASIS ('Online Access to the Index of archaeological investigations') form with a digital copy of the report within six months of completion of construction of the authorised scheme, and to notify the MMO and Historic England that the OASIS form has been submitted to the Archaeological Data Service within two weeks of submission;
  - (vii) a reporting and recording protocol, including reporting of any wreck or wreck material during construction, operation and decommissioning of the authorised scheme; and
  - (viii) a timetable for all further site investigations, which must allow sufficient opportunity to establish a full understanding of the historic environment within the offshore Order limits and the approval of any necessary mitigation required as a result of the further site investigations prior to commencement of licensed activities;
- (f) an aids to navigation management plan to be agreed in writing by the MMO following consultation with Trinity House, the MCA and UKHO specifying how the undertaker will ensure compliance with condition 10 from the commencement of construction of the authorised scheme to the completion of decommissioning;
  - (g) in the event that driven or part-driven pile foundations are proposed to be used, a marine mammal mitigation protocol (in accordance with the outline marine mammal mitigation protocol), the intention of which is to prevent injury to marine mammals, following current best practice as advised by the relevant statutory nature conservation bodies;
  - (h) a navigation management plan to manage crew transfer vessels (including daughter craft) during the construction and operation of the authorised scheme; and
  - (i) a final cable statement (in accordance with the cable statement).

(2) Pre-commencement surveys and archaeological investigations and pre-commencement material operations which involve intrusive seabed works must only take place in accordance with a specific outline written scheme of investigation (which must accord with the details set out in the outline written scheme of investigation (offshore)) which has been submitted to and approved by the MMO.

(3) Any sediment removed from within the Dogger Bank Special Area of Conservation during construction of the authorised scheme must be disposed of within that part of the Dogger Bank Special Area of Conservation which falls within the Order limits.

(4) Each programme, statement, plan, protocol or scheme required to be approved under condition 15 must be submitted for approval at least six months before the intended commencement of licensed activities, except where otherwise stated or unless otherwise agreed in writing by the MMO.

(5) The MMO must determine an application for approval made under condition 15 within a period of six months commencing on the date the application is received by the MMO, unless otherwise agreed in writing with the undertaker.

(6) The licensed activities must be carried out in accordance with the programmes, statements, plans, protocols or schemes approved under condition 15 unless otherwise agreed in writing by the MMO.

(7) In the event that driven or part-driven pile foundations are proposed to be used, the hammer energy used to drive or part-drive monopile foundations must not exceed 6,000kJ and the hammer energy used to drive or part-drive pin pile foundations must not exceed 3,000kJ.

(8) The maximum number of main vessels engaged at any time in activities related to piling for the licensed activities when combined with the number of main vessels engaged in piling activities authorised by the deemed marine licences granted under Schedules 11 to 13 must not exceed ~~3~~2 vessels.



(9) The number of piled foundations installed within a 24 hour period when combined with the number of piled foundations installed pursuant to the deemed marine licences granted under Schedules 11 to 13 of the Order within the same 24 hour period must not exceed:

- (a) 4 monopile foundations;
- (b) ~~128~~ pin pile foundations;
- (c) 3 monopile foundations and ~~32~~ pin pile foundations;
- (d) 2 monopile foundations and ~~64~~ pin pile foundations; or
- (e) 1 monopile foundation and ~~96~~ pin pile foundations.

(10) The number of piled foundations installed concurrently when combined with the number of piled foundations installed concurrently pursuant to the deemed marine licences granted under Schedules 11 to 13 must not exceed:

- (a) where only monopile foundations are being installed concurrently exceed 2 monopile foundations;
- (b) where only pin pile foundations are being installed concurrently exceed ~~32~~ pin pile foundations; and
- (c) where a combination of monopile foundations and pin pile foundations are being installed concurrently exceed 1 monopile foundation and 1 pin pile foundation.

### **Site Integrity Plan**

16.—(1) No piling activities can take place until a Site Integrity Plan (“SIP”), which accords with the principles set out in the in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation, has been submitted to, and approved in writing, by the MMO in consultation with the relevant statutory nature conservation body.

(2) The SIP submitted for approval must contain a description of the conservation objectives for the Southern North Sea Special Area of Conservation (“SNS SAC”) as well as any relevant management measures and it must set out the key statutory nature conservation body advice on activities within the SNS SAC relating to piling as set out within the JNCC Guidance and how this has been considered in the context of the authorised scheme.

(3) The SIP must be submitted in writing to the MMO no later than six months prior to the commencement of piling activities.

(4) In approving the SIP the MMO must be satisfied that the authorised scheme at the preconstruction stage, in-combination with other plans and projects, is in line with the JNCC Guidance.

(5) The approved SIP may be amended with the prior written approval of the MMO, in consultation with the relevant statutory nature conservation body, where the MMO remains satisfied that the Project, in-combination with other plans or projects at the pre-construction stage, is in line with the JNCC Guidance.

### **Approval of programmes, statements etc**

17.—(1) Each programme, statement, plan, protocol or scheme required to be approved under condition 15 must be submitted in writing for approval at least four months prior to the intended commencement of licensed activities, except where otherwise stated or unless otherwise agreed in writing by the MMO.

(2) The MMO must determine an application for approval made under conditions 15 and 16 within a period of four months commencing on the date the application is received by the MMO, unless otherwise agreed in writing with the undertaker.

(3) The licensed activities must be carried out in accordance with the plans, protocols, statements, schemes and details approved under conditions 15 and 16, unless otherwise agreed in writing by the MMO.

## **Offshore safety management**

18. Any part of the authorised scheme must not be commenced until the MMO, in consultation with the MCA, has confirmed in writing that the undertaker has taken into account and, so far as is applicable to that stage of the project, adequately addressed all MCA recommendations as appropriate to the authorised scheme contained within MGN654 “Offshore Renewable Energy Installations (OREIs) – Guidance on UK Navigational Practice, Safety and Emergency Response Issues” (or any equivalent guidance that replaces or supersedes it) and its annexes.

## **Reporting of engaged agents, contractors and vessels**

19.—(1) The undertaker must provide the following information in writing to the MMO—

- (a) the name, function, company number (if applicable), registered or head office address (as appropriate) of any agent or contractor appointed to engage in the licensed activities within seven days of appointment; and
- (b) each week during the construction of the authorised scheme a completed Hydrographic Note H102 listing the vessels currently and to be used in relation to the licensed activities.

(2) The undertaker must notify the MMO in writing of any vessel being used to carry on any licensed activity listed in this deemed marine licence on behalf of the undertaker. Such notification must be received by the MMO no less than 24 hours before the commencement of the licensed activity. Notification must include the master’s name, vessel type, vessel IMO number and vessel owner or operating company

(3) Any changes to the supplied details must be notified to the MMO in writing at least 24 hours before the agent, contractor or vessel engages in the licensed activities.

## **Pre-construction monitoring and surveys**

20.—(1) The undertaker must, in discharging condition 15(1)(b), submit a monitoring plan or plans in accordance with the in principle monitoring plan for written approval by the MMO in consultation with the relevant statutory nature conservation body, which must contain details of proposed monitoring and surveys, including methodologies and timings, and a proposed format and content for a pre-construction baseline report.

(2) The survey proposals submitted under sub-paragraph (1) must be in accordance with the principles set out in the in principle monitoring plan and must specify each survey’s objectives and explain how it will assist in either informing a useful and valid comparison with the post-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(3) The baseline report proposals submitted under sub-paragraph (1) must ensure that the outcome of the agreed surveys, together with existing data and reports, are drawn together to present a valid statement of the pre-construction position, with any limitations, and must make clear what post-construction comparison is intended and the justification for this being required.

(4) The pre-construction surveys referred to in sub-paragraph (1) must, unless otherwise agreed in writing with the MMO, include, but not be limited to, the need to undertake—

- (a) a survey to determine the location, extent and composition of any habitats of principal importance, Annex 1 subtidal habitat, habitat with suitability for sandeel or surficial deposits of glacial till in the parts of the Order limits in which it is proposed to carry out construction works;
- (b) a swath-bathymetry survey to IHO Order 1a standard that meets the requirements of MGN654 and its annexes, and side scan sonar, of the area(s) within the Order limits in which it is proposed to carry out construction works including an appropriate buffer around the location of each work;
- (c) undertake any monitoring required by the SIP submitted in accordance with condition 16; and

(d) undertake or contribute to any marine mammal monitoring referred to in the marine mammal mitigation protocol submitted in accordance with condition 15(1)(g).

(5) The undertaker must carry out the surveys specified within the monitoring plan or plans in accordance with that plan or plans, unless otherwise agreed in writing by the MMO in consultation with the relevant statutory nature conservation body.

(6) When any surveys are carried out in accordance with sub-paragraph (5) a survey report must be submitted to the MMO following completion of the relevant survey. Any report submitted under this sub-paragraph must be submitted prior to the commencement of licensed activities for the relevant stage.

### **Construction monitoring and surveys**

**21.**—(1) The undertaker must, in discharging condition 15(1)(b), for each phase of construction submit details (which accord with the in principle monitoring plan) for approval in writing by the MMO in consultation with the relevant statutory nature conservation bodies of any proposed monitoring and surveys, including methodologies and timings, to be carried out during the construction of the authorised scheme. The survey proposals must specify each survey's objectives and explain how it will assist in either informing a useful and valid comparison with the pre-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(2) In the event that driven or part-driven pile foundations are proposed, such monitoring must include measurements of noise generated by the installation of the first four piled foundations of each piled foundation type to be installed unless the MMO otherwise agrees in writing.

(3) The undertaker must carry out the surveys approved under sub-paragraph (1), including any further noise monitoring required in writing by the MMO, and provide the agreed reports in the agreed format in accordance with the agreed timetable, unless otherwise agreed in writing with the MMO in consultation with the relevant statutory nature conservation bodies.

(4) The results of the initial noise measurements monitored in accordance with sub-paragraph (2) must be provided to the MMO within six weeks of the installation of the first four piled foundations. The assessment of this report by the MMO will determine whether any further noise monitoring is required. If, in the reasonable opinion of the MMO in consultation with the relevant statutory nature conservation body, the assessment shows significantly different impacts to those assessed in the environmental statement or failures in mitigation, all piling activity must cease until an update to the marine mammal mitigation protocol and further monitoring requirements have been agreed.

(5) The undertaker must carry out the surveys specified in the construction monitoring plan in accordance with that plan, including any further noise monitoring required in writing by the MMO under sub-paragraph (4), unless otherwise agreed in writing by the MMO in consultation with the relevant statutory nature conservation body.

(6) Construction monitoring must include vessel traffic monitoring in accordance with the outline vessel traffic monitoring plan, including the provision of reports on the results of that monitoring by automatic identification system at the end of each year of the construction period to the MMO, MCA and Trinity House.

(7) In the event that piled foundations are proposed to be used, the details submitted in accordance with the marine mammal mitigation protocol must include proposals for monitoring marine mammals.

### **Post-construction monitoring and surveys**

**22.**—(1) The undertaker must, in discharging condition 15(1)(b), submit details (which accord with the in principle monitoring plan) for approval in writing by the MMO in consultation with relevant statutory nature conservation bodies of proposed post-construction monitoring and surveys, including methodologies and timings, and a proposed format, content and timings for providing reports on the results.

(2) The survey proposals must specify each survey's objectives and explain how it will assist in either informing a useful and valid comparison with the pre-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(3) The post-construction surveys referred to in sub-paragraph (1) must, unless otherwise agreed in writing with the MMO, have due regard to, but not be limited to, the need to—

- (a) undertake a survey to determine any change in the location, extent and composition of any habitats of principal importance, Annex 1 subtidal habitat, habitat with suitability for sandeel or surficial deposits of glacial till identified in the pre-construction survey in the parts of the Order limits in which construction works were carried out. The survey design must be informed by the results of the pre-construction benthic survey and the construction benthic surveys;
- (b) undertake, within 12 months of completion of the licensed activities, a full sea floor coverage swath-bathymetry survey that meets the requirements of MGN654 and its annexes, and side scan sonar, of the area(s) within the Order limits in which construction works were carried out to assess any changes in bedform topography and such further monitoring or assessment as may be agreed to ensure that cables (including fibre optic cables) have been buried or protected;
- (c) undertake any monitoring required by the SIP submitted in accordance with condition 16;
- (d) undertake post-construction traffic monitoring in accordance with the outline vessel traffic monitoring plan, including the provision of reports on the results of that monitoring by automatic identification system to the MMO, MCA and Trinity House; and
- (e) undertake any marine mammal monitoring referred to in the marine mammal mitigation protocol submitted in accordance with condition 15(1)(g).

(4) The undertaker must carry out the surveys agreed under sub-paragraph (1) and provide the agreed reports to the MMO in the agreed format in accordance with the agreed timetable, unless otherwise agreed in writing with the MMO in consultation with the relevant statutory nature conservation bodies.

(5) In the event that the reports provided to the MMO under sub-paragraph (4) identify a need for additional monitoring, the requirement for any additional monitoring will be agreed with the MMO in writing and implemented as agreed.

### **Reporting of scour and cable protection**

**23.—**(1) No more than four months following completion of the construction of the authorised scheme, the undertaker must provide the MMO and the relevant statutory nature conservation bodies with a report setting out details of the cable protection and scour protection used for the authorised scheme.

(2) The report must include the following information—

- (a) the location of cable protection and scour protection;
- (b) the volume of cable protection and scour protection; and
- (c) any other information relating to the cable protection and scour protection as agreed between the MMO and the undertaker.

(3) Where any cable protection or scour protection is replenished following completion of construction the undertaker must submit an updated report in accordance with sub-paragraph (2) in writing to the MMO and the relevant statutory nature conservation bodies no more than four months following completion of the relevant replenishment being deposited.

### **Completion of construction**

**24.—**(1) The undertaker must submit a close out report to the MMO, the MCA, Trinity House, UKHO and the relevant statutory nature conservation body within three months of the date of completion of construction. The close out report must confirm the date of completion of construction and must include the following details—

- (a) the final number of installed turbine generators;
- (b) the installed wind turbine generator parameters;
- (c) as built plans;
- (d) latitude and longitude coordinates of the centre point of the location for each wind turbine generator and offshore accommodation platform, provided as Geographical Information System data referenced to WGS84 datum; and
- (e) latitude and longitude coordinates of the array cables, provided as Geographical Information System data referenced to WGS84 datum.

(2) Following completion of construction, no further construction activities can be undertaken under this deemed marine licence.

### **Collaboration**

**25.**—(1) Prior to submission of plans and documentation required to be submitted to the MMO for approval in accordance with conditions 16 and 17, the undertaker must provide a copy of the relevant plans and documentation to DBSWL to enable DBSWL to provide any comments on the plans and documentation to the undertaker.

(2) The plans and documentation submitted to the MMO for approval in accordance with conditions 16 and 17 must be accompanied by any comments received by the undertaker from DBSWL in accordance with sub-paragraph (1) or a statement from the undertaker confirming that no such comments were received.

### **Reporting of impact pile driving**

**26.**—(1) Only when driven or part-driven pile foundations are proposed to be used as part of the foundation installation the undertaker must provide the following information to the Marine Noise Registry—

- (a) prior to the commencement of each phase of construction of the licensed activities, information on the expected location, start and end dates of impact pile driving to satisfy the Marine Noise Registry’s Forward Look requirements;
- (b) at six-month intervals following the commencement of pile driving or by 25 March for works which take place in the preceding year January to December (whichever is earlier), information on the locations and dates of impact pile driving to satisfy the Marine Noise Registry’s Close Out requirements; and
- (c) within 12 weeks of completion of impact pile driving or by 25 March for works which take place in the preceding year January to December (whichever is earlier), information on the locations and dates of impact pile driving to satisfy the Marine Noise Registry’s Close Out requirements.

(2) The undertaker must notify the MMO in writing of the successful submission of Forward Look or Close Out data pursuant to paragraph (1) above within seven days of the submission.

~~(3)~~ For the purpose of this condition, “Forward Look” and “Close Out” mean the requirements as set out in the UK Marine Noise Registry Information Document Version 1 (July 2015) as amended, updated, or superseded from time to time.

### **Maintenance reporting**

**27.**—(1) An annual maintenance report must be submitted to the MMO in writing within one month following the first anniversary of the date of commencement of operations, and every year thereafter until the permanent cessation of operation.

(2) The report must provide a record of the licensed activities undertaken as set out in condition 7 during the preceding year, the timing of activities and methodologies used.

~~(3)~~ Every fifth year, the undertaker must submit to the MMO in writing, within one month of that date, a consolidated maintenance report, which will—

- (a) include a review of licensed activities undertaken during the preceding five years with reference to the reports submitted in accordance with condition 27 (1) of this licence.
- (b) reconfirm the applicability of the methodologies and frequencies of the licensable activities permitted by this licence for the remaining duration of this licence.

### **Sediment Sampling**

**28.**—(1) The undertaker must submit a sample plan request in writing to the MMO for written approval of a sample plan.

(2) The sample plan request must be made—

- (a) for capital dredging, at least six months prior to the commencement of any capital dredging; or
- (b) for maintenance dredging, at least six months prior to the end of every third year from the date of the previous sediment sample analysis.

(3) The sample plan request must include details of—

- (a) the volume of material to be dredged;
- (b) the location of the area to be dredged;
- (c) details of the material type proposed for dredging;
- (d) the type and dredging methodology (including whether it is a capital or maintenance dredge, depth of material to be dredged and proposed programme for the dredging activities); and
- (e) the location and depth of any supporting samples.

(4) Unless otherwise agreed by the MMO, the undertaker must undertake the sampling in accordance with the approved sample plan.

## **SCHEDULE 11**

Article 35

### **Deemed Marine Licence 2: DBS West Project Offshore Generation – Work No. 1B, 4B and 7B**

#### **PART 1**

##### **Licensed marine activities**

#### **Interpretation**

**1.**—(1) In this deemed marine licence—

“the 2004 Act” means the Energy Act 2004;

“the 2008 Act” means the Planning Act 2008;

“the 2009 Act” means the Marine and Coastal Access Act 2009;

“the 2017 Regulations” means the Conservation of Offshore Marine Habitats and Species Regulations 2017;

“Annex I subtidal habitat” means a subtidal habitat of a type listed in Annex I to Council Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora;

“array area” means the area covered by Work No. 1B as shown on the offshore works plan;

“array area disposal site” means the site to be used for disposal of inert material of natural origin produced during construction drilling and seabed preparation for foundation works and cable sandwave clearance to be located within the array area;

“authorised deposits” means the substances and articles specified in paragraph 4 of Part 1 of this deemed marine licence;

“authorised project” means the development and associated development described in Part 1 of Schedule 1 (authorised development) of the Order and any other development authorised by the Order that is development within the meaning of section 32 (meaning of “development”) of the 2008 Act;

“authorised scheme” means Work No. 1B, 4B and 7B and the further associated development described in paragraph 3 of Part 1 of this deemed marine licence or any part of that work or development;

“buoy” means any floating device used for navigational purposes or measurement purposes including LiDAR buoys, wave buoys and guard buoys;

“cable” means any offshore cable and includes direct-lay cables and cables laid in cable ducts and further includes fibre optic and other communications cables either within the cable or laid alongside;

“cable crossing” means the crossing of existing subsea cables and pipelines by the array, inter-platform or export cables authorised by the Order and forming part of the authorised scheme together with physical protection measures including cable protection;

“cable protection” means measures to protect cables forming part of the authorised scheme from physical damage and exposure due to loss of seabed sediment including, but not limited to, rock placement, concrete mattresses with or without frond devices, protective aprons or coverings, bagged solutions filled with sand, rock, grout or other materials and protective shells;

“cable statement” means the document certified by the Secretary of State as the cable statement for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“commence” means the first carrying out of any licensed marine activities authorised by this deemed marine licence, save for pre-construction monitoring surveys approved under this deemed marine licence, and “commenced” and “commencement” must be construed accordingly;

“condition” means a condition in Part 2 of this licence;

“Defence Infrastructure Organisation Safeguarding” means Ministry of Defence Safeguarding, Defence Infrastructure Organisation, Kingston Road, Sutton Coldfield, West Midlands, B75 7RL and any successor body to its functions;

“DBSEL” means RWE Renewables UK Dogger Bank South (East) Limited, company number 13656240, whose registered office is Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire, England, SN5 6PB;

“DBS East” means the Dogger Bank South East Offshore Wind Farm;

“DBS East Project” means the DBS East Project offshore works and the DBS East Project onshore works;

“DBS East Project offshore works” means Work Nos. 1A to 9A and any other authorised development associated with those works;

“DBS East Project onshore works” means Work Nos. 10A to 34A and any other authorised development associated with those works;

“DBSWL” means RWE Renewables UK Dogger Bank South (West) Limited, company number 13656525, whose registered office is Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire, England, SN5 6PB;

“DBS West Project” means the DBS West Project onshore works and the DBS West Project offshore works;

“DBS West offshore works” means Work Nos. 1B to 9B and any authorised development associated with those works;

“DBS West Project onshore works” means Work Nos. 10B to 34B and any other authorised development associated with those works;

“Dropped Object Procedure Form” means the MMO notification proforma with reference MLDIR1 for reporting the loss or dumping of synthetic materials and other refuse at sea or any other format advised in writing by the MMO;

“environmental statement” means the document certified by the Secretary of State as the environmental statement for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

~~“gravity base structure foundation” means a structure principally of steel, concrete, or steel and concrete which rests on the seabed either due to its own weight with or without added ballast, skirts or other additional fixings, and associated equipment including scour protection, J-tubes, corrosion protection systems, access platforms and equipment and separate topside connection structures or integrated transition pieces;~~

“habitats of principal importance” means a habitat designated as being of principal importance in accordance with section 41 (biodiversity lists and action (England)) of the Natural Environment and Rural Communities Act 2006;

“HAT” means highest astronomical tide;

“HVAC” means high voltage alternating current;

“array cable” means a cable linking the wind turbine generators to each other and to the offshore ~~electrical installations~~[converter platforms](#);

“in principle monitoring plan” means the document certified by the Secretary of State as the in principle monitoring plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation” means the document certified by the Secretary of State as the in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“inter-platform cable” means a cable linking the offshore ~~electrical installations~~[converter platforms](#);

“intrusive activities” means activities including anchoring of vessels, jacking up of vessels, temporary deposits and temporary wet storage areas;

“jacket foundation” means a lattice type structure constructed of steel which is fixed to the seabed at 3 or more points with steel pin piles and associated equipment including scour protection, J-tubes, corrosion protection systems and access platforms;

“JNCC Guidance” means the statutory nature conservation body ‘Guidance for assessing the significance of noise disturbance against Conservation Objectives of harbour porpoise SACs’ Joint Nature Conservation Committee Report No.654, May 2020 published in June 2020 as amended, updated or superseded from time to time;

“LAT” means lowest astronomical tide;

“maintain” includes inspect, upkeep, repair, adjust, alter, remove, reconstruct and replace (including replenishment of cable protection), but does not include the removal, reconstruction or replacement of foundations associated with the authorised scheme, to the extent assessed in the environmental statement; and “maintenance” must be construed accordingly;

“Marine Management Organisation” means the body created under the 2009 Act which is responsible for the regulation of this deemed marine licence or any successor of that function and “MMO” must be construed accordingly;

“Marine Noise Registry” means the database developed and maintained by JNCC on behalf of Defra to record the spatial and temporal distribution of impulsive noise generating activities in UK seas;



“MCA” means the Maritime and Coastguard Agency, the executive agency of the Department for Transport;

“MCMS” means the Marine Case Management System web portal provided and operated by the MMO;

“mean sea level” means the average level of the sea surface over a period of time, taking account of all tidal effects and surge events;

“MHWS” or “mean high water springs” means the highest level that spring tides reach on average over a period of time;

“MLWS” or “mean low water springs” means the lowest level that spring tides reach on average over a period of time;

“monopile foundation” means a steel pile driven or drilled into the seabed and associated equipment including scour protection, J-tubes, corrosion protection systems and access platforms and equipment;

“offshore order limits and grid coordinates plan” means the plan certified by the Secretary of State as the offshore order limits and grid coordinates plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“offshore accommodation platform” means a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing accommodation, storage, workshop auxiliary equipment and facilities for operating, maintaining and controlling the offshore converters or wind turbine generators, including but not limited to navigation, aviation and safety marking and lighting, systems for vessel access and retrieval, cranes, potable water supply, black water separation, stores, fuels and spares, communications systems and control hub facilities;

~~“offshore collector platform” means an offshore collector platform with equipment to collect the HVAC power generated at the wind turbine generators, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity generated at the wind turbine generators to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, substation auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;~~

“offshore converter platform” means an offshore converter platform with equipment to convert the HVAC power generated at the wind turbine generators into HVDC power, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity generated at the wind turbine generators to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, substation auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;

~~“offshore electrical installations” means the offshore collector platforms, offshore converter platforms and offshore switching platform forming part of the authorised project;~~

~~“offshore switching platform” means an offshore switching platform with equipment to facilitate and alter the inter-connection and onward transmission of power from two or more power transmission systems, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and~~

~~busbars, auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;~~

“Order” means Dogger Bank South East and West Offshore Wind Farms Order 20[ ];

“Order limits” means the limits shown on the offshore order limits and grid coordinates plans within which the authorised scheme may be carried out and the grid coordinates for Work Nos. 1B, 4B and 7B are set out in paragraph 5 of Part 1 of this deemed marine licence;

“outline fisheries liaison and co-existence plan” means the document certified by the Secretary of State as the outline fisheries liaison and co-existence plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline marine mammal mitigation protocol” means the document certified by the Secretary of State as the outline marine mammal mitigation protocol for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline offshore operations and maintenance plan” means the document certified by the Secretary of State as the outline offshore operations and maintenance plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline project environmental management plan” means the document certified by the Secretary of State as the outline project environmental management plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline scour protection plan” means the document certified by the Secretary of State as the outline scour protection plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline vessel traffic monitoring plan” means the document certified by the Secretary of State as the outline vessel traffic monitoring plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline written scheme of investigation (offshore)” means the document certified by the Secretary of State as the outline written scheme of investigation (offshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“scour protection” means measures to prevent loss of seabed sediment around any structure placed in or on the seabed including by the use of bagged solutions, filled with grout or other materials, protective aprons, concrete mattresses with or without frond devices, and rock and gravel placement;

“statutory historic body” means Historic England or its successor in function;

“statutory nature conservation body” means a statutory nature conservation body, being the appropriate nature conservation body as defined in Regulation 5 of the Conservation of Habitats and Species Regulations 2017(a) or its equivalent in the Conservation of Offshore Marine Habitats and Species Regulations 2017(b);

“transition piece” means a metal structure attached to the top of a foundation where the base of a wind turbine generator is connected and includes additional equipment such as J-tubes, corrosion protection systems, boat access systems, access platforms, craneage, electrical transmission equipment and associated equipment;

“Trinity House” means the Corporation of Trinity House of Deptford Strond;

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(a) S.I. 2017/1012

(b) S.I. 2017/1013

“UKHO” means the United Kingdom Hydrographic Office of Admiralty Way, Taunton, Somerset, TA1 2DN;

“undertaker” means DBSWL;

“VHF” means very high frequency;

“vessel” means every description of vessel, however propelled or moved, and includes a non-displacement craft, a personal watercraft, a seaplane on the surface of the water, a hydrofoil vessel, a hovercraft or any other amphibious vehicle and any other thing constructed or adapted for movement through, in, on or over water and which is at the time in, on or over water;

“wind turbine generator” means a structure comprising a tower, a rotor with three blades connected at the hub, a nacelle and ancillary electrical and other equipment which may include J-tubes, transition piece, access and rest platforms, access ladders, boat access systems, corrosion protection systems, fenders and maintenance equipment, helicopter landing facilities and other associated equipment, fixed to a foundation and forming part of the authorised scheme;

“works plans” means the works plans (offshore) and the works plans (onshore);

“works plans (offshore)” means the plans certified by the Secretary of State as the works plans (offshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified); and

“works plans (onshore)” means the plans certified by the Secretary of State as the works plans (onshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified).

(2) In this deemed marine licence, a reference to any statute, order, regulation or similar instrument is a reference to a statute, order, regulation or instrument as amended by any subsequent statute, order, regulation or instrument or as contained in any subsequent re-enactment.

(3) In this deemed marine licence, unless otherwise indicated—

(a) all times are Greenwich Mean Time (“GMT”);

(b) all coordinates are latitude and longitude degrees and minutes to two decimal places.

(4) Unless otherwise stated or agreed with the MMO, all submissions, notifications and communications must be sent by the undertaker to the MMO using MCMS. Except where otherwise notified in writing by the relevant organisation, the addresses for correspondence for the purposes of this deemed marine licence are—

(a) Historic England

37 Tanner Road

York

YO1 6WP

(b) Marine Management Organisation

Marine Licensing Team

Lancaster House

Hampshire Court

Newcastle upon Tyne

NE4 7YH

marine.consents@marinemangement.org.uk,

Tel: 0300 123 1032

(c) Marine Management Organisation (local office)

Room 13, Ground Flood

Crosskill House

Mill Lane

Beverley  
HU17 9JB  
Tel: 0208 026 0519

(d) Maritime and Coastguard Agency

Navigation Safety Branch  
Bay 2/20, Spring Place  
105 Commercial Road  
Southampton  
SO15 1EG  
Tel: 020 3817 2433

(e) Natural England

Foss House  
Kings Pool  
1-2 Peasholme Green  
York  
YO1 7PX  
Tel: 0300 060 4911

(f) Trinity House

Tower Hill  
London  
EC3N 4DH  
Tel: 020 7481 6900

(g) United Kingdom Hydrographic Office

Admiralty Way  
Taunton  
Somerset  
TA1 2DN  
Tel: 01823 337 900

(5) Unless otherwise advised in writing by the MMO, the address for electronic communication with the MMO for the purposes of this licence is [marine.consents@marinemangement.org.uk](mailto:marine.consents@marinemangement.org.uk), or where contact to the Local Office of the MMO is required, [beverley@marinemangement.org.uk](mailto:beverley@marinemangement.org.uk).

### **Details of licensed marine activities**

2. Subject to the conditions, this deemed marine licence authorises the undertaker (and any agent or contractor acting on their behalf) to carry out the following licensable marine activities under section 66(1) (licensable marine activities) of the 2009 Act—

- (a) the deposit at sea within the Order limits seaward of MHWS of the substances and objects specified in paragraph 4 below and, when combined with the disposal authorised within the array area disposal site by the deemed marine licence granted under Schedule 13 of the Order, of up to 541,482 cubic metres (being a maximum, not an approximate upper figure) of inert material of natural origin produced during construction drilling or seabed preparation for foundation works, cable works and boulder clearance works at disposal site references to be provided to the MMO within the array area disposal site;
- (b) the construction of works in or over the sea or on or under the sea bed;
- (c) dredging for the purposes of seabed preparation for foundation works or cable works;

- (d) the removal of sediment samples for the purposes of informing environmental monitoring under this deemed marine licence during pre-construction, construction and operation;
- (e) boulder clearance works by displacement ploughing or subsea grab technique or any other comparable method;
- (f) removal of static fishing equipment; and
- (g) site preparation works.

3. Such activities are authorised in relation to the construction, maintenance and operation of—

*Work No. 1B—*

- (a) An offshore wind turbine generating station comprising up to 100 wind turbine generators each fixed to the seabed by monopile or jacket foundations;
- (b) a network of HVAC subsea cables connecting the wind turbine generators and Work No. 3 within the area shown on the works plans, including cable crossings and cable protection;

*Work No. 4B—*

Up to one accommodation platform fixed to the seabed by jacket or monopile foundations within the area shown on the works plans;

*Work No. 7B—*

A temporary work area associated with Work Nos. 1B to ~~6B5B~~ for vessels to carry out intrusive activities and non-intrusive activities alongside Work Nos. 1B to ~~6B5B~~;

In connection with such Work Nos. 1B, 4B and 7B and to the extent that they do not otherwise form part of any such work, further associated development comprising such other works as may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised scheme and which fall within the scope of the work assessed by the environmental statement and the provisions of this licence, including:

- (a) scour protection around the foundations of the offshore structures;
- (b) cable protection measures such as the placement of rock and/or concrete mattresses, with or without frond devices;
- (c) the removal of material from the seabed required for the construction of Work Nos. 1B and 4B and the disposal of inert material of natural origin within the Order limits produced during construction drilling, seabed preparation for foundation works, cable installation preparation such as sandwave clearance, and boulder clearance;
- (d) removal of static fishing equipment;
- (e) temporary landing places, moorings or other means of accommodating vessels in the construction or maintenance of the authorised scheme;
- (f) disposal of drill arisings in connection with any foundation drilling up to a total of 35,086 cubic metres;
- (g) creation and use of temporary laydown areas, use of cable lay vessel anchors;
- (h) lighting.

4. The substances and objects authorised for deposit at sea are—

- (a) iron, steel, copper and aluminium;
- (b) stone and rock;
- (c) concrete and grout;
- (d) sand and gravel;
- (e) cement bound sand;
- (f) natural soils;

- (g) plastic and synthetic material;
- (h) drilling fluid;
- (i) material extracted from within the Order limits during construction drilling or seabed preparation for foundation works and cable installation preparation works;
- (j) weights used for the calibration of vessels, consisting of a hessian sack, metal shackles or chains; and
- (k) marine coatings, other chemicals and timber.

5. The grid coordinates for that part of the authorised scheme comprising Work No. 1B, 4B and 7B are specified below—

<i>Point ID</i>	<i>Latitude (DMS)</i>	<i>Longitude (DMS)</i>
1	54° 33.7017' N	1° 20.55955' E
2	54° 33.84869' N	1° 20.16118' E
3	54° 34.09052' N	1° 19.9387' E
4	54° 42.68808' N	1° 19.11958' E
5	54° 42.89576' N	1° 19.19192' E
6	54° 43.00532' N	1° 19.2987' E
7	54° 43.10223' N	1° 19.45603' E
8	54° 44.18515' N	1° 21.7125' E
9	54° 44.28093' N	1° 22.03856' E
10	54° 44.30046' N	1° 22.32068' E
11	54° 44.26468' N	1° 22.62418' E
12	54° 39.02878' N	1° 44.92686' E
13	54° 38.84907' N	1° 45.31024' E
14	54° 38.57165' N	1° 45.4825' E
15	54° 36.48108' N	1° 44.38088' E
16	54° 36.3193' N	1° 44.24208' E
17	54° 36.19975' N	1° 44.03507' E
18	54° 31.81809' N	1° 33.61066' E
19	54° 31.68029' N	1° 33.16936' E
20	54° 31.68491' N	1° 32.6914' E

6. This deemed marine licence remains in force until the authorised scheme has been decommissioned in accordance with a programme approved by the Secretary of State under section 106 (approval of decommissioning programmes) of the 2004 Act, including any modification to the programme under section 108, and the completion of such programme has been confirmed by the Secretary of State in writing.

7. The provisions of section 72 (variation, suspension, revocation and transfer) of the 2009 Act apply to this deemed marine licence except that the provisions of section 72(7) and (8) relating to the transfer of the licence apply only to a transfer not falling within article 5 (benefit of order) of the Order.

8.—(1) With respect to any condition which requires the licensed activities be carried out in accordance with the details, plans or schemes approved under this deemed marine licence, the approved details, plans or schemes are taken to include any amendments that may subsequently be approved in writing by the MMO.

(2) Any amendments to or variations from the approved details, plans or schemes must be in accordance with the principles and assessments set out in the environmental statement and approval of an amendment or variation may only be given where it has been demonstrated to the satisfaction of the MMO that it is unlikely to give rise to any materially new or materially different environmental effects from those assessed in the environmental statement.

9. Should the undertaker become aware that any of the information on which the granting of this deemed marine licence was based was materially false or misleading, the undertaker must notify the MMO of this fact in writing as soon as is reasonably practicable. The undertaker must explain in writing what information was materially false or misleading and must provide to the MMO the correct information.

## PART 2

### Conditions

#### Design parameters

##### *Wind turbine generators*

1.—(1) Subject to sub-paragraph (2), wind turbine generators forming part of the authorised scheme must not:—

- (a) exceed a height of 394.08 metres when measured from MHWS to the tip of the vertical blade;
- (b) exceed a rotor diameter of 344.08 metres;
- (c) be less than 830 metres from the nearest wind turbine generator in any direction;
- (d) have a distance of less than 34 metres between the lowest point of the rotating blade of the wind turbine generator and mean sea level; or
- (e) exceed 100 wind turbine generators.

(2) References to the location of a wind turbine generator are references to the centre point at the base of the wind turbine generator.

##### *Wind turbine generator foundations*

2.—(1) Wind turbine generator foundations must be of one or more of the following foundation options: piled monopile, or piled jacket foundation.

(2) No wind turbine generator piled monopile foundation may have a pile diameter exceeding 15 metres.

(3) No wind turbine generator piled jacket foundation will:—

- (a) have more than four legs;
- (b) have more than four piles; or
- (c) have a pile diameter exceeding four metres.

(4) Within Work No. 1B, the wind turbine generator foundations must not have:—

- (a) a total combined seabed footprint (including scour protection) exceeding 311,725 square metres; or
- (b) a total combined amount of scour protection exceeding 302,221.21 square metres.

##### *Offshore accommodation platform dimensions*

3.—(1) The total number of offshore accommodation platforms in respect of the authorised scheme must not exceed one.

(2) The dimensions of any offshore accommodation platform (excluding helidecks, lightning protection, towers, masts and cranes) must not exceed:—

- (a) 125 metres in length;
- (b) 100 metres in width; or
- (c) 105 metres in height above LAT.

##### *Offshore accommodation platform foundations*

4.—(1) Offshore accommodation platform foundations must be of one or more of the following foundation options: piled monopile or piled jacket foundation.

(2) The pile diameter of any offshore accommodation platform piled monopile foundation must not exceed 15 metres.

(3) Any offshore accommodation platform piled jacket foundation must not:—

- (a) have more than eight legs;
- (b) have more than eight piles; or
- (c) have a pile diameter exceeding 3.8 metres.

(4) Any offshore accommodation platform foundation must not:—

- (a) have a seabed footprint (including scour protection) exceeding 5,411 square metres; or
- (b) have a seabed footprint (excluding scour protection) exceeding 177 square metres.

(5) The total volume of scour protection for wind turbine generators and the offshore accommodation platform must not exceed 548,095 cubic metres.

#### *Cables and cable protection*

5.—(1) Within Work Nos. 1B the array cables must not, in total:—

- (a) exceed ~~3250~~ kilometres in length;
- (b) exceed ~~2520~~ cable crossings;
- (c) have cable protection (including cable crossings) exceeding ~~371,850~~375,800 square metres in area; or
- (d) have cable protection (including cable crossings) exceeding ~~218,125~~219,115 cubic metres in volume.

(2) The array cables within Work No. 1B which fall within the Dogger Bank Special Area of Conservation must not have cable protection exceeding 10% of the length of such cables, when combined with the offshore export cables, array cables and inter-platform cables authorised by the deemed marine licences granted under Schedules 11 – 14 of the Order.

#### **Phases of authorised scheme**

6.—(1) The authorised scheme must not commence until an offshore works phasing scheme setting out the phases of construction of the authorised scheme has been submitted to and approved in writing by the MMO.

(2) The authorised scheme must be submitted at least 4 months prior to the proposed commencement of the works.

(3) Any subsequent amendments to the offshore works phasing scheme submitted for approval under sub-paragraph (1) must be submitted to the MMO for approval in writing.

(4) The offshore works phasing scheme submitted for approval under sub-paragraph (1) must be implemented as approved. The approved details shall be taken to include any amendment that may subsequently be approved by the MMO in accordance with sub-paragraph (3).

#### **Maintenance of the authorised scheme**

7.—(1) The undertaker may at any time maintain the authorised scheme, except to the extent that this licence or an agreement made under this licence provides otherwise.

(2) Maintenance works include but are not limited to—

- (a) Routine maintenance of wind turbine generators, offshore accommodation platform, and their respective foundations;
- (b) Major wind turbine component or offshore accommodation platform replacement;
- (c) Painting and applying other coatings to wind turbine generators or offshore accommodation platforms;



- (d) Bird waste and marine growth removal;
- (e) Surveys/inspections of cables;
- (f) Cable remedial burial;
- (g) Cable protection replenishment;
- (h) Cable repairs and replacement;
- (i) Access ladder and boat landing replacement;
- (j) Wind turbine generator and offshore accommodation platform anode replacement; and
- (k) J-tube repair/replacement.

(3) Operation of the licensed activities must not commence until an offshore operations and maintenance plan substantially in accordance with the outline offshore operations and maintenance plan has been submitted to and approved in writing by the MMO. The operations and maintenance plan must include, but is not limited to—

- (a) a list of maintenance activities within the marine environment that are planned for the lifetime of the licensed activities;
- (b) details of the typical construction plant, machinery and personnel requirements for each maintenance activity and any requirements for detailed method statements;
- (c) details of the typical frequency and timing of each maintenance activity; and
- (d) details of controls and mitigation that will be in place in order to protect the marine environment.

(4) The offshore operations and maintenance plan must be reviewed every three years commencing from the date on which the plan was approved, unless otherwise agreed by the MMO, to ensure the details of the maintenance activities remain accurate. The conclusions of that review must be submitted to and approved by the MMO in writing.

(5) The offshore operations and maintenance plan must be implemented as approved by the MMO.

(6) Unless otherwise agreed in writing with the MMO, the undertaker must submit—

- (a) the first offshore operations and maintenance plan at least 4 months prior to the operation of the licensed activities;
- (b) any revised offshore operations and maintenance plan submitted in accordance with sub-paragraph (4) at least 4 months before such revised plan is required to be put in place; and
- (c) where additional maintenance activities are identified that are not included in the approved offshore operations and maintenance plan, or any revised plan approved in accordance with sub-paragraph (4), an updated offshore operations and maintenance plan including the additional maintenance activities must be submitted to and approved by the MMO in writing as soon as possible after the need for such additional maintenance activities is identified.

### **Extension of time periods**

8. Any time period given in this deemed marine licence to either the undertaker or the MMO may be extended with the agreement of the other party, such agreement not to be unreasonably withheld or delayed.

### **Notifications and inspections**

9.—(1) The undertaker must ensure that—

- (a) a copy of this deemed marine licence (issued as part of the grant of the Order) and any subsequent amendments or revisions to it is provided to—
  - (i) all agents and contractors notified to the MMO in accordance with condition 19;

- (ii) the masters and transport managers responsible for the vessels notified to the MMO in accordance with condition 19;
  - (b) within 28 days of receipt of a copy of this deemed marine licence and any subsequent amendments or revisions to it, those persons referred to in sub-paragraph (1)(a) must confirm receipt of this deemed marine licence in writing to the MMO.
- (2) Only those persons and vessels notified to the MMO in accordance with condition 19 are permitted to carry out the licensed activities.
- (3) Copies of this deemed marine licence must also be available for inspection at the following locations—
- (a) the undertaker's registered address;
  - (b) any site office located at or adjacent to the construction site and used by the undertaker or its agents and contractors responsible for the loading, transportation or deposit of the authorised deposits; and
  - (c) on board each vessel and at the office of any transport manager with responsibility for vessels from which authorised deposits or removals are to be made.
- (4) The documents referred to in sub-paragraph (1)(a) must be available for inspection by an authorised enforcement officer at the locations set out in sub-paragraph (3)(b).
- (5) The undertaker must provide access, and if necessary appropriate transportation, to the offshore construction site or any other associated works or vessels to facilitate any inspection that the MMO considers necessary to inspect the works during the construction and operation of the authorised scheme.
- (6) The undertaker must inform the MMO Local Office in writing at least five days prior to the commencement of the licensed activities or any part of them and within five days of the completion of the licensed activity.
- (7) The undertaker must inform the Kingfisher Information Service of Seafish by email to [kingfisher@seafish.co.uk](mailto:kingfisher@seafish.co.uk) of details of the vessel routes, timings and locations relating to the construction of the authorised scheme or relevant part—
- (a) at least 14 days prior to the commencement of offshore activities, for inclusion in the Kingfisher Fortnightly Bulletin and offshore hazard awareness data;
  - (b) on completion of construction of the authorised scheme,
- and confirmation of notification must be provided to the MMO within five days.
- (8) The undertaker must ensure that a local notification to mariners is issued at least 14 days prior to the commencement of the authorised scheme or any part thereof advising of the start date of each of Work Nos. 1B and 4B and the expected vessel routes from the construction ports to the relevant location. Copies of all notices must be provided to the MMO, MCA and UKHO within five days.
- (9) The undertaker must ensure that local notifications to mariners are updated and reissued at weekly intervals during construction activities and at least five days before any planned operations (or otherwise agreed) and maintenance works and supplemented with VHF radio broadcasts agreed with the MCA in accordance with the construction programme and monitoring plan approved under condition 15(1)(b). Copies of all notices must be provided to the MMO and UKHO within five days.
- (10) The undertaker must notify UKHO of the commencement (within fourteen days), progress and completion of construction (within fourteen days) of the licensed activities in order that all necessary amendments to nautical and aeronautical charts are made and the undertaker must send a copy of such notifications to the MMO within five days of the notification.
- (11) In case of damage to, or destruction or decay of, the authorised scheme or any part thereof, excluding the exposure of cables, the undertaker must as soon as reasonably practicable and no later than 24 hours following the undertaker becoming aware of any such damage, destruction or decay, notify the MMO, the MMO Local Office, MCA, Trinity House, the Kingfisher Information Service of Seafish and UKHO.

(12) In case of the exposure of cables on or above the seabed, the undertaker must within three days following identification of a potential cable exposure, notify mariners and inform the Kingfisher Information Service of Seafish of the location and extent of exposure. Copies of all notices must be provided to the MMO, MCA, Trinity House, and UKHO within five days.

(13) The undertaker must notify the MMO in writing a minimum of five days in advance of the commencement of each discrete incident of cable repair, replacement, or protection replenishment activity. Such a notification must include proposed timings and a description of proposed methodologies.

(14) The undertaker must ensure that the MMO, the MMO Local Office, local mariners, local fishermen's organisations and the Source Data Receipt Team at the UK Hydrographic Office, Taunton, Somerset, TA1 2DN sdr@ukho.gov.uk are notified within five days of completion of each instance of cable repair, replacement or protection replenishment activity.

### **Aids to navigation**

**10.**—(1) The undertaker must during the whole of the period from commencement of construction of the authorised scheme to completion of decommissioning of the authorised scheme exhibit such lights, marks, sounds, signals and other aids to navigation, and take such other steps for the prevention of danger to navigation, as Trinity House may from time to time direct.

(2) The undertaker must during the period from commencement of construction of the authorised scheme to completion of decommissioning of the authorised scheme keep Trinity House and the MMO informed of progress of the authorised scheme including—

- (a) notice of commencement of construction of the authorised scheme within 24 hours of commencement having occurred;
- (b) notice within 24 hours of any aids to navigation being established by the undertaker; and
- (c) notice within five days of completion of construction of the authorised scheme.

(3) The undertaker must provide reports to Trinity House on the availability of aids to navigation in accordance with the frequencies set out in the aids to navigation management plan agreed pursuant to condition 15(1)(f) using the reporting system provided by Trinity House.

(4) The undertaker must during the period from commencement of the licensed activities to completion of decommissioning of the authorised scheme notify Trinity House and the MMO of any failure of the aids to navigation, and the timescales and plans for remedying such failures, as soon as possible and no later than 24 hours following the undertaker becoming aware of any such failure.

(5) In the event that the provisions of condition 9(11) or condition 9(12) are invoked, the undertaker must lay down such buoys, exhibit such lights and take such other steps for preventing danger to navigation as directed by Trinity House.

### **Colouring of Structures**

**11.** The undertaker must paint all structures forming part of the authorised scheme yellow (colour code RAL 1023) from at least HAT to the height agreed in writing with Trinity House. The undertaker must paint the remainder of the structures grey (colour code RAL 7035). Requests to change the colouring of the structure must be submitted to the MMO in writing and must not be undertaken unless approved in writing by the MMO.

### **Aviation safety**

**12.**—(1) The undertaker must exhibit such lights, with such shape, colour and character as are required in writing by the Air Navigation Order 2016(a) and determined necessary for aviation

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(a) S.I. 2016/765.

safety in consultation with the Defence Infrastructure Organisation Safeguarding and as directed by the Civil Aviation Authority.

(2) The undertaker must notify the Defence Infrastructure Organisation Safeguarding, the Civil Aviation Authority and the MMO, at least 14 days prior to the commencement of the authorised scheme, in writing of the following information—

- (a) the date of the commencement of construction of the authorised scheme;
- (b) the date any wind turbine generators are to be installed;
- (c) the maximum height of any construction equipment or vessels to be used;
- (d) the maximum height of each wind turbine generator to be constructed;
- (e) the latitude and longitude of each wind turbine generator to be constructed;

and the Defence Infrastructure Organisation Safeguarding and the Civil Aviation Authority must be notified of any changes to the information supplied under this paragraph and of the completion of the construction of the authorised scheme. Copies of notifications must be provided to the MMO within 5 days.

### **Chemicals, drilling and debris**

**13.—**(1) Unless otherwise agreed in writing by the MMO, the carriage and use of chemicals in the construction of the authorised scheme must comply with the International Convention for the Prevention of Pollution from Ships 1973 as modified by the Protocol of 1978 relating thereto and by the Protocol of 1997.

(2) The undertaker must ensure that any coatings and treatments are suitable for use in the marine environment and are used in accordance with guidelines approved by the Health and Safety Executive and the Environment Agency Pollution Prevention Control Guidelines.

(3) The storage, handling, transport and use of fuels, lubricants, chemicals and other substances must be undertaken to prevent releases into the marine environment, including bunding of 110 percent of the total volume of all reservoirs and containers.

(4) The undertaker must inform the MMO in writing of the location and quantities of material disposed of each month under this deemed marine licence by submission of a disposal return by 15 February each year for the months August to January inclusive, and by 15 August each year for the months February to July inclusive and must provide a null return if no activity has taken place during the reporting period.

(5) The undertaker must ensure that only inert material of natural origin, produced during the drilling installation of or seabed preparation for foundations, and drilling mud is disposed of within the Order limits seaward of the MHWS.

(6) The undertaker must ensure that any rock material used in the construction of the authorised scheme is from a recognised source, free from contaminants and containing minimal fines.

(7) In the event that any rock material used in the construction of the authorised scheme is misplaced or lost below MHWS, the undertaker must report the loss in writing to the local enforcement office within 24 hours and if the MMO, in consultation with the MCA and Trinity House, reasonably considers such material to constitute a navigation or environmental hazard (dependent on the size and nature of the material) the undertaker must, in that event, demonstrate to the MMO that reasonable attempts have been made to locate, remove or move any such material.

(8) The undertaker must ensure that no waste concrete slurry or wash water from concrete or cement works are discharged into the marine environment. Concrete and cement mixing and washing areas must be contained to prevent run off entering the water through the freeing ports.

(9) The undertaker must ensure that any oil, fuel or chemical spill within the marine environment is reported to the MMO Marine Pollution Response Team in accordance with the marine pollution contingency plan agreed under condition 15(1)(d)(i).

(10) All dropped objects must be reported to the MMO using the Dropped Object Procedure Form as soon as reasonably practicable and in any event within 24 hours of the undertaker

becoming aware of an incident. On receipt of the Dropped Object Procedure Form the MMO may require relevant surveys to be carried out by the undertaker (such as side scan sonar) if reasonable to do so and the MMO may require obstructions to be removed from the seabed at the undertaker's expense if reasonable to do so.

### **Force majeure**

14. If, due to stress of weather or any other cause, the master of a vessel determines that it is necessary to deposit the authorised deposits within or outside of the Order limits because the safety of human life or of the vessel is threatened, within 48 hours the undertaker must notify full details of the circumstances of the deposit to the MMO.

### **Pre-construction plans and documentation**

15.—(1) The licensed activities or any phase of those activities must not commence until the following (insofar as relevant to that activity or phase of activity) have been submitted to and approved in writing by the MMO, in consultation with Trinity House, the MCA, the relevant statutory nature conservation body and UKHO as appropriate —

- (a) a layout plan setting out proposed details of the authorised scheme, including the:
  - (i) number, dimensions, specification, foundation type(s) and depth for each wind turbine generator and offshore accommodation platform;
  - (ii) the grid coordinates of the centre point of the proposed location for each wind turbine generator and offshore accommodation platform;
  - (iii) proposed layout of all cables;
  - (iv) location and specification of all other aspects of the authorised scheme; and
  - (v) any exclusion zones or micro-siting requirements identified pursuant to 15(1)(e)(iv) or relating to any habitats of principal importance, Annex 1 subtidal habitat or surficial deposits of glacial till identified as part of surveys undertaken in accordance with condition 20;

to ensure conformity with the description of Work No. 1B and 4B and compliance with conditions 1 to 5;

- (b) a construction programme and monitoring plan (which accords with the in principle monitoring plan) which, save in respect information submitted pursuant to sub-paragraph (b)(iii)(aa), is to be submitted to the MMO at least six months prior to commencement of licensed activities and to include details of—
  - (i) the proposed construction start date;
  - (ii) proposed timings for mobilisation of plant delivery of materials and installation works;
  - (iii) proposed pre-construction surveys, baseline report format and content, construction monitoring, post-construction surveys and monitoring and related reporting in accordance with conditions 20, 21 and 22 to be submitted to the MMO in accordance with the following (unless otherwise agreed in writing with the MMO):—
    - (aa) at least four months prior to the first survey, detail of the pre-construction surveys and an outline of all proposed pre-construction monitoring;
    - (bb) at least four months prior to construction, detail on construction monitoring;
    - (cc) at least four months prior to commissioning, detail of post-construction (and operational) monitoring;
  - (iv) an indicative written construction programme for all wind turbine generators and cables including fibre optic cables comprised in the works at Part 1 (licensed marine activities) of this Schedule (insofar as not shown in paragraph (ii) above); and
  - (v) a monitoring plan setting out the circumstances in which monitoring will be required and the monitoring to be carried out in such circumstances;

- (c) a construction method statement (in accordance with the cable statement), including details of—
  - (i) cable burial, specification, installation and monitoring to include—
    - (aa) the technical specification of cables below MHWS;
    - (bb) a detailed cable laying plan for the authorised scheme, incorporating a detailed burial risk assessment encompassing the identification of any cable protection that exceeds 5 percent of navigable depth referenced to Chart Datum and, in the event that any area of cable protection exceeding 5 percent of navigable depth is identified, details of any steps (to be determined following consultation with the MCA and Trinity House) to be taken to ensure existing and future safe navigation is not compromised or similar such assessment to ascertain suitable burial depths and cable laying techniques, including cable protection; and
    - (cc) proposals for monitoring cables including cable protection until the authorised scheme is decommissioned which includes a risk-based approach to the management of unburied or shallow buried cables;
  - (ii) a scour protection plan (in accordance with the outline scour protection plan) including details of scour protection and cable protection including details of the need, type, sources, quantity and installation methods for scour protection and cable protection, with details updated and resubmitted for approval if changes to it are proposed following cable laying operations;
  - (iii) foundation installation methodology, including drilling methods and disposal of drill arisings and material extracted during seabed preparation for foundation and cable installation works and having regard to any mitigation scheme pursuant to subparagraph (1)(g);
  - (iv) advisory safe passing distances for vessels around the sites where the licensed activities are taking place;
  - (v) contractors;
  - (vi) vessels and vessel transit corridors;
  - (vii) associated ancillary works; and
  - (viii) guard vessels to be employed;
- (d) a project environmental management plan (in accordance with the outline project environmental management plan) covering the period of construction and operation to include details of—
  - (i) a marine pollution contingency plan to address the risks, methods and procedures to deal with any spills and collision incidents during construction and operation of the authorised scheme in relation to all activities carried out;
  - (ii) a chemical risk assessment, including information regarding how and when chemicals are to be used, stored and transported in accordance with recognised best practice guidance;
  - (iii) waste management and disposal arrangements;
  - (iv) the appointment and responsibilities of a fisheries liaison officer;
  - (v) a fisheries liaison and coexistence plan (which accords with the outline fisheries liaison and co-existence plan) to ensure relevant fishing fleets are notified of commencement of licensed activities pursuant to condition 4 and to address the interaction of the licensed activities with fishing activities;
  - (vi) a code of conduct for vessel operators to reduce risk of injury to mammals; and
  - (vii) procedures, which must be adopted within vessel transit corridors to minimise disturbance to red-throated diver during the period 1 November to 31 March (inclusive), which must be in accordance with the best practice protocol for minimising disturbance to red-throated diver;

- (e) an archaeological written scheme of investigation in relation to the offshore Order limits seaward of MHWS, which must accord with the outline written scheme of investigation (offshore) and industry good practice, in consultation with the statutory historic body to include—
  - (i) details of responsibilities of the undertaker, archaeological consultant and contractor;
  - (ii) a methodology for further site investigation including any specifications for geophysical, geotechnical and diver or remotely operated vehicle investigations;
  - (iii) archaeological analysis of survey data, and timetable for reporting, which is to be submitted to the MMO within four months of any survey being completed;
  - (iv) delivery of any mitigation including, where necessary, identification and modification of archaeological exclusion zones;
  - (v) monitoring of archaeological exclusion zones during and post construction;
  - (vi) a requirement for the undertaker to ensure that a copy of any agreed archaeological report is deposited with the Archaeological Data Service, by submitting an OASIS ('Online Access to the Index of archaeological investigations') form with a digital copy of the report within six months of completion of construction of the authorised scheme, and to notify the MMO and Historic England that the OASIS form has been submitted to the Archaeological Data Service within two weeks of submission;
  - (vii) a reporting and recording protocol, including reporting of any wreck or wreck material during construction, operation and decommissioning of the authorised scheme; and
  - (viii) a timetable for all further site investigations, which must allow sufficient opportunity to establish a full understanding of the historic environment within the offshore Order limits and the approval of any necessary mitigation required as a result of the further site investigations prior to commencement of licensed activities;
- (f) an aids to navigation management plan to be agreed in writing by the MMO following consultation with Trinity House, the MCA and UKHO specifying how the undertaker will ensure compliance with condition 10 from the commencement of construction of the authorised scheme to the completion of decommissioning;
- (g) in the event that driven or part-driven pile foundations are proposed to be used, a marine mammal mitigation protocol (in accordance with the outline marine mammal mitigation protocol), the intention of which is to prevent injury to marine mammals, following current best practice as advised by the relevant statutory nature conservation bodies; and
- (h) a navigation management plan to manage crew transfer vessels (including daughter craft) during the construction and operation of the authorised scheme.

(2) Pre-commencement surveys and archaeological investigations and pre-commencement material operations which involve intrusive seabed works must only take place in accordance with a specific outline written scheme of investigation (which must accord with the details set out in the outline written scheme of investigation (offshore)) which has been submitted to and approved by the MMO.

(3) Any sediment removed from within the Dogger Bank Special Area of Conservation during construction of the authorised scheme must be disposed of within that part of the Dogger Bank Special Area of Conservation which falls within the Order limits.

(4) Each programme, statement, plan, protocol or scheme required to be approved under condition 15 must be submitted for approval at least six months before the intended commencement of licensed activities, except where otherwise stated or unless otherwise agreed in writing by the MMO.

(5) The MMO must determine an application for approval made under condition 15 within a period of six months commencing on the date the application is received by the MMO, unless otherwise agreed in writing with the undertaker.

(6) The licensed activities must be carried out in accordance with the programmes, statements, plans, protocols or schemes approved under condition 15 unless otherwise agreed in writing by the MMO.

(7) In the event that driven or part-driven pile foundations are proposed to be used, the hammer energy used to drive or part-drive monopile foundations must not exceed 6,000kJ and the hammer energy used to drive or part-drive pin pile foundations must not exceed 3,000kJ.

(8) The maximum number of main vessels engaged at any time in activities related to piling for the licensed activities when combined with the number of main vessels engaged in piling activities authorised by the deemed marine licences granted under Schedules 10, 12 and 13 must not exceed ~~32~~ vessels.

(9) The number of piled foundations installed within a 24 hour period when combined with the number of piled foundations installed pursuant to the deemed marine licences granted under Schedules 10, 12 and 13 of the Order within the same 24 hour period must not exceed:

- (a) 4 monopile foundations;
- (b) ~~128~~ pin pile foundations;
- (c) 3 monopile foundations and ~~32~~ pin pile foundations;
- (d) 2 monopile foundations and ~~64~~ pin pile foundations; or
- (e) 1 monopile foundation and ~~96~~ pin pile foundations.

(10) The number of piled foundations installed concurrently when combined with the number of piled foundations installed concurrently pursuant to the deemed marine licences granted under Schedules 10, 12 and 13 must not exceed:

- (a) where only monopile foundations are being installed concurrently exceed 2 monopile foundations;
- (b) where only pin pile foundations are being installed concurrently exceed ~~32~~ pin pile foundations; and
- (c) where a combination of monopile foundations and pin pile foundations are being installed concurrently exceed 1 monopile foundation and 1 pin pile foundation.

### Site Integrity Plan

16.—(1) No piling activities can take place until a Site Integrity Plan (“SIP”), which accords with the principles set out in the in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation, has been submitted to, and approved in writing, by the MMO in consultation with the relevant statutory nature conservation body.

(2) The SIP submitted for approval must contain a description of the conservation objectives for the Southern North Sea Special Area of Conservation (“SNS SAC”) as well as any relevant management measures and it must set out the key statutory nature conservation body advice on activities within the SNS SAC relating to piling as set out within the JNCC Guidance and how this has been considered in the context of the authorised scheme.

(3) The SIP must be submitted in writing to the MMO no later than six months prior to the commencement of piling activities.

(4) In approving the SIP the MMO must be satisfied that the authorised scheme at the preconstruction stage, in-combination with other plans and projects, is in line with the JNCC Guidance.

(5) The approved SIP may be amended with the prior written approval of the MMO, in consultation with the relevant statutory nature conservation body, where the MMO remains satisfied that the Project, in-combination with other plans or projects at the pre-construction stage, is in line with the JNCC Guidance.



### **Approval of programmes, statements etc**

17.—(1) Each programme, statement, plan, protocol or scheme required to be approved under condition 15 must be submitted in writing for approval at least four months prior to the intended commencement of licensed activities, except where otherwise stated or unless otherwise agreed in writing by the MMO.

(2) The MMO must determine an application for approval made under conditions 15 and 16 within a period of four months commencing on the date the application is received by the MMO, unless otherwise agreed in writing with the undertaker.

(3) The licensed activities must be carried out in accordance with the plans, protocols, statements, schemes and details approved under conditions 15 and 16, unless otherwise agreed in writing by the MMO.

### **Offshore safety management**

18. Any part of the authorised scheme must not be commenced until the MMO, in consultation with the MCA, has confirmed in writing that the undertaker has taken into account and, so far as is applicable to that stage of the project, adequately addressed all MCA recommendations as appropriate to the authorised scheme contained within MGN654 “Offshore Renewable Energy Installations (OREIs) – Guidance on UK Navigational Practice, Safety and Emergency Response Issues” (or any equivalent guidance that replaces or supersedes it) and its annexes.

### **Reporting of engaged agents, contractors and vessels**

19.—(1) The undertaker must provide the following information in writing to the MMO—

- (a) the name, function, company number (if applicable), registered or head office address (as appropriate) of any agent or contractor appointed to engage in the licensed activities within seven days of appointment; and
- (b) each week during the construction of the authorised scheme a completed Hydrographic Note H102 listing the vessels currently and to be used in relation to the licensed activities.

(2) The undertaker must notify the MMO in writing of any vessel being used to carry on any licensed activity listed in this deemed marine licence on behalf of the undertaker. Such notification must be received by the MMO no less than 24 hours before the commencement of the licensed activity. Notification must include the master’s name, vessel type, vessel IMO number and vessel owner or operating company

(3) Any changes to the supplied details must be notified to the MMO in writing at least 24 hours before the agent, contractor or vessel engages in the licensed activities.

### **Pre-construction monitoring and surveys**

20.—(1) The undertaker must, in discharging condition 15(1)(b), submit a monitoring plan or plans in accordance with the in principle monitoring plan for written approval by the MMO in consultation with the relevant statutory nature conservation body, which must contain details of proposed monitoring and surveys, including methodologies and timings, and a proposed format and content for a pre-construction baseline report.

(2) The survey proposals submitted under sub-paragraph (1) must be in accordance with the principles set out in the in principle monitoring plan and must specify each survey’s objectives and explain how it will assist in either informing a useful and valid comparison with the post-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(3) The baseline report proposals submitted under sub-paragraph (1) must ensure that the outcome of the agreed surveys, together with existing data and reports, are drawn together to present a valid statement of the pre-construction position, with any limitations, and must make clear what post-construction comparison is intended and the justification for this being required.

(4) The pre-construction surveys referred to in sub-paragraph (1) must, unless otherwise agreed in writing with the MMO, include, but not be limited to, the need to undertake—

- (a) a survey to determine the location, extent and composition of any habitats of principal importance, Annex 1 subtidal habitat, or habitat with suitability for sandeel or surficial deposits of glacial till in the parts of the Order limits in which it is proposed to carry out construction works;
- (b) a swath-bathymetry survey to IHO Order 1a standard that meets the requirements of MGN654 and its annexes, and side scan sonar, of the area(s) within the Order limits in which it is proposed to carry out construction works including an appropriate buffer around the location of each work;
- (c) undertake any monitoring required by the SIP submitted in accordance with condition 16; and
- (d) undertake or contribute to any marine mammal monitoring referred to in the marine mammal mitigation protocol submitted in accordance with condition 15(1)(g).

(5) The undertaker must carry out the surveys specified within the monitoring plan or plans in accordance with that plan or plans, unless otherwise agreed in writing by the MMO in consultation with the relevant statutory nature conservation body.

(6) When any surveys are carried out in accordance with sub-paragraph (5) a survey report must be submitted to the MMO following completion of the relevant survey. Any report submitted under this sub-paragraph must be submitted prior to the commencement of licensed activities for the relevant stage.

#### **Construction monitoring and surveys**

**21.—**(1) The undertaker must, in discharging condition 15(1)(b), for each phase of construction submit details (which accord with the in principle monitoring plan) for approval in writing by the MMO in consultation with the relevant statutory nature conservation bodies of any proposed monitoring and surveys, including methodologies and timings, to be carried out during the construction of the authorised scheme. The survey proposals must specify each survey's objectives and explain how it will assist in either informing a useful and valid comparison with the pre-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(2) In the event that driven or part-driven pile foundations are proposed, such monitoring must include measurements of noise generated by the installation of the first four piled foundations of each piled foundation type to be installed unless the MMO otherwise agrees in writing.

(3) The undertaker must carry out the surveys approved under sub-paragraph (1), including any further noise monitoring required in writing by the MMO, and provide the agreed reports in the agreed format in accordance with the agreed timetable, unless otherwise agreed in writing with the MMO in consultation with the relevant statutory nature conservation bodies.

(4) The results of the initial noise measurements monitored in accordance with sub-paragraph (2) must be provided to the MMO within six weeks of the installation of the first four piled foundations. The assessment of this report by the MMO will determine whether any further noise monitoring is required. If, in the reasonable opinion of the MMO in consultation with the relevant statutory nature conservation body, the assessment shows significantly different impacts to those assessed in the environmental statement or failures in mitigation, all piling activity must cease until an update to the marine mammal mitigation protocol and further monitoring requirements have been agreed.

(5) The undertaker must carry out the surveys specified in the construction monitoring plan in accordance with that plan, including any further noise monitoring required in writing by the MMO under sub-paragraph (4), unless otherwise agreed in writing by the MMO in consultation with the relevant statutory nature conservation body.

(6) Construction monitoring must include vessel traffic monitoring in accordance with the outline vessel traffic monitoring plan, including the provision of reports on the results of that

monitoring by automatic identification system at the end of each year of the construction period to the MMO, MCA and Trinity House.

(7) In the event that piled foundations are proposed to be used, the details submitted in accordance with the marine mammal mitigation protocol must include proposals for monitoring marine mammals.

### **Post-construction monitoring and surveys**

**22.**—(1) The undertaker must, in discharging condition 15(1)(b), submit details (which accord with the in principle monitoring plan) for approval in writing by the MMO in consultation with relevant statutory nature conservation bodies of proposed post-construction monitoring and surveys, including methodologies and timings, and a proposed format, content and timings for providing reports on the results.

(2) The survey proposals must specify each survey's objectives and explain how it will assist in either informing a useful and valid comparison with the pre-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(3) The post-construction surveys referred to in sub-paragraph (1) must, unless otherwise agreed in writing with the MMO, have due regard to, but not be limited to, the need to—

- (a) undertake a survey to determine any change in the location, extent and composition of any habitats of principal importance, Annex 1 subtidal habitat, or habitat with suitability for sandeel or surficial deposits of glacial till identified in the pre-construction survey in the parts of the Order limits in which construction works were carried out. The survey design must be informed by the results of the pre-construction benthic survey and the construction benthic surveys;
- (b) undertake, within 12 months of completion of the licensed activities, a full sea floor coverage swath-bathymetry survey that meets the requirements of MGN654 and its annexes, and side scan sonar, of the area(s) within the Order limits in which construction works were carried out to assess any changes in bedform topography and such further monitoring or assessment as may be agreed to ensure that cables (including fibre optic cables) have been buried or protected;
- (c) undertake any monitoring required by the SIP submitted in accordance with condition 16;
- (d) undertake post-construction traffic monitoring in accordance with the outline vessel traffic monitoring plan, including the provision of reports on the results of that monitoring by automatic identification system to the MMO, MCA and Trinity House; and
- (e) undertake any marine mammal monitoring referred to in the marine mammal mitigation protocol submitted in accordance with condition 15(1)(g).

(4) The undertaker must carry out the surveys agreed under sub-paragraph (1) and provide the agreed reports to the MMO in the agreed format in accordance with the agreed timetable, unless otherwise agreed in writing with the MMO in consultation with the relevant statutory nature conservation bodies.

(5) In the event that the reports provided to the MMO under sub-paragraph (4) identify a need for additional monitoring, the requirement for any additional monitoring will be agreed with the MMO in writing and implemented as agreed.

### **Reporting of scour and cable protection**

**23.**—(1) No more than four months following completion of the construction of the authorised scheme, the undertaker must provide the MMO and the relevant statutory nature conservation bodies with a report setting out details of the cable protection and scour protection used for the authorised scheme.

(2) The report must include the following information—

- (a) the location of cable protection and scour protection;
- (b) the volume of cable protection and scour protection; and

- (c) any other information relating to the cable protection and scour protection as agreed between the MMO and the undertaker.

(3) Where any cable protection or scour protection is replenished following completion of construction the undertaker must submit an updated report in accordance with sub-paragraph (2) in writing to the MMO and the relevant statutory nature conservation bodies no more than four months following completion of the relevant replenishment being deposited.

### **Completion of construction**

**24.**—(1) The undertaker must submit a close out report to the MMO, the MCA, Trinity House, UKHO and the relevant statutory nature conservation body within three months of the date of completion of construction. The close out report must confirm the date of completion of construction and must include the following details—

- (a) the final number of installed turbine generators;
- (b) the installed wind turbine generator parameters;
- (c) as built plans;
- (d) latitude and longitude coordinates of the centre point of the location for each wind turbine generator and offshore accommodation platform, provided as Geographical Information System data referenced to WGS84 datum; and
- (e) latitude and longitude coordinates of the array cables, provided as Geographical Information System data referenced to WGS84 datum.

(2) Following completion of construction, no further construction activities can be undertaken under this deemed marine licence.

### **Collaboration**

**25.**—(1) Prior to submission of plans and documentation required to be submitted to the MMO for approval in accordance with conditions 16 and 17, the undertaker must provide a copy of the relevant plans and documentation to DBSEL to enable DBSEL to provide any comments on the plans and documentation to the undertaker.

(2) The plans and documentation submitted to the MMO for approval in accordance with conditions 16 and 17 must be accompanied by any comments received by the undertaker from DBSEL in accordance with sub-paragraph (1) or a statement from the undertaker confirming that no such comments were received.

### **Reporting of impact pile driving**

**26.**—(1) Only when driven or part-driven pile foundations are proposed to be used as part of the foundation installation the undertaker must provide the following information to the Marine Noise Registry—

- (a) prior to the commencement of each phase of construction of the licensed activities, information on the expected location, start and end dates of impact pile driving to satisfy the Marine Noise Registry's Forward Look requirements;
- (b) at six-month intervals following the commencement of pile driving or by 25 March for works which take place in the preceding year January to December (whichever is earlier), information on the locations and dates of impact pile driving to satisfy the Marine Noise Registry's Close Out requirements; and
- (c) within 12 weeks of completion of impact pile driving or by 25 March for works which take place in the preceding year January to December (whichever is earlier), information on the locations and dates of impact pile driving to satisfy the Marine Noise Registry's Close Out requirements.

(2) The undertaker must notify the MMO in writing of the successful submission of Forward Look or Close Out data pursuant to paragraph (1) above within seven days of the submission.

(3) For the purpose of this condition, “Forward Look” and “Close Out” mean the requirements as set out in the UK Marine Noise Registry Information Document Version 1 (July 2015) as amended, updated, or superseded from time to time.

### **Maintenance reporting**

27.—(1) An annual maintenance report must be submitted to the MMO in writing within one month following the first anniversary of the date of commencement of operations, and every year thereafter until the permanent cessation of operation.

(2) The report must provide a record of the licensed activities undertaken as set out in condition 7 during the preceding year, the timing of activities and methodologies used.

(3) Every fifth year, the undertaker must submit to the MMO in writing, within one month of that date, a consolidated maintenance report, which will—

- (a) include a review of licensed activities undertaken during the preceding five years with reference to the reports submitted in accordance with condition 27 (1) of this licence.
- (b) reconfirm the applicability of the methodologies and frequencies of the licensable activities permitted by this licence for the remaining duration of this licence.

### **Sediment Sampling**

28.—(1) The undertaker must submit a sample plan request in writing to the MMO for written approval of a sample plan.

(2) The sample plan request must be made—

- (a) for capital dredging, at least six months prior to the commencement of any capital dredging; or
- (b) for maintenance dredging, at least six months prior to the end of every third year from the date of the previous sediment sample analysis.

(3) The sample plan request must include details of—

- (a) the volume of material to be dredged;
- (b) the location of the area to be dredged;
- (c) details of the material type proposed for dredging;
- (d) the type and dredging methodology (including whether it is a capital or maintenance dredge, depth of material to be dredged and proposed programme for the dredging activities); and
- (e) the location and depth of any supporting samples.

(4) Unless otherwise agreed by the MMO, the undertaker must undertake the sampling in accordance with the approved sample plan.

## **SCHEDULE 12**

Article 35

### **Deemed Marine Licence 3: DBS East Project Offshore Transmission – Work Nos. 2A, 3A, ~~6A~~, 7A and 8A**

## **PART 1**

### **Licensed marine activities**

### **Interpretation**

1.—(1) In this deemed marine licence—

“the 2004 Act” means the Energy Act 2004;

“the 2008 Act” means the Planning Act 2008;

“the 2009 Act” means the Marine and Coastal Access Act 2009;

“the 2017 Regulations” means the Conservation of Offshore Marine Habitats and Species Regulations 2017;

“Annex I subtidal habitat” means a subtidal habitat of a type listed in Annex I to Council Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora;

“authorised deposits” means the substances and articles specified in paragraph 4 of Part 1 of this deemed marine licence;

“authorised scheme” means Work No. 2A, 3A, ~~6A~~, 7A and 8A and the further associated development described in paragraph 3 of Part 1 of this deemed marine licence or any part of that work or development;

“buoy” means any floating device used for navigational purposes or measurement purposes including LiDAR buoys, wave buoys and guard buoys;

“cable” means any offshore cable and includes direct-lay cables and cables laid in cable ducts and further includes fibre optic and other communications cables either within the cable or laid alongside;

“cable crossing” means the crossing of existing subsea cables and pipelines by the array, inter-platform or export cables authorised by the Order and forming part of the authorised scheme together with physical protection measures including cable protection;

“cable protection” means measures to protect cables forming part of the authorised scheme from physical damage and exposure due to loss of seabed sediment including, but not limited to, rock placement, concrete mattresses with or without frond devices, protective aprons or coverings, bagged solutions filled with sand, rock, grout or other materials and protective shells;

“cable statement” means the document certified by the Secretary of State as the cable statement for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“commence” means the first carrying out of any licensed marine activities authorised by this deemed marine licence, save for pre-construction monitoring surveys approved under this deemed marine licence, and “commenced” and “commencement” must be construed accordingly;

“condition” means a condition in Part 2 of this licence;

“Defence Infrastructure Organisation Safeguarding” means Ministry of Defence Safeguarding, Defence Infrastructure Organisation, Kingston Road, Sutton Coldfield, West Midlands, B75 7RL and any successor body to its functions;

“DBS East” means the Dogger Bank South East Offshore Wind Farm;

“DBS East Project” means the DBS East Project offshore works and the DBS East Project onshore works;

“DBS East Project offshore works” means Work Nos. 1A to 9A and any other authorised development associated with those works;

“DBS East Project onshore works” means Work Nos. 10A to 34A and any other authorised development associated with those works;

“DBSWL” means RWE Renewables UK Dogger Bank South (West) Limited, company number 13656525, whose registered office is Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire, England, SN5 6PB;

“DBS West Project” means the DBS West Project onshore works and the DBS West Project offshore works;

“DBS West offshore works” means Work Nos. 1B to 9B and any authorised development associated with those works;

“DBS West Project onshore works” means Work Nos. 10B to 34B and any other authorised development associated with those works;

“Dogger Bank SAC” means the site designated as the Dogger Bank Special Area of Conservation;

“Dropped Object Procedure Form” means the MMO notification proforma with reference MLDIR1 for reporting the loss or dumping of synthetic materials and other refuse at sea or any other format advised in writing by the MMO;

“environmental statement” means the document certified by the Secretary of State as the environmental statement for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

~~“gravity base structure foundation” means a structure principally of steel, concrete, or steel and concrete which rests on the seabed either due to its own weight with or without added ballast, skirts or other additional fixings, and associated equipment including scour protection, J-tubes, corrosion protection systems, access platforms and equipment and separate topside connection structures or integrated transition pieces;~~

“habitats of principal importance” “means a habitat designated as being of principal importance in accordance with section 41 (biodiversity lists and action (England)) of the Natural Environment and Rural Communities Act 2006;

“HAT” means highest astronomical tide;

“HVAC” means high voltage alternating current;

“array cable” means a cable linking the wind turbine generators to each other and to the offshore ~~electrical installations~~[converter platforms](#);

“in principle monitoring plan” means the document certified by the Secretary of State as the in principle monitoring plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation” means the document certified by the Secretary of State as the in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“inter-platform cable” means a cable linking the offshore ~~electrical installations~~[converter platforms](#);

“intrusive activities” means activities including anchoring of vessels, jacking up of vessels, temporary deposits and temporary wet storage areas;

“jacket foundation” means a lattice type structure constructed of steel which is fixed to the seabed at 3 or more points with steel pin piles and associated equipment including scour protection, J-tubes, corrosion protection systems and access platforms;

“JNCC Guidance” means the statutory nature conservation body ‘Guidance for assessing the significance of noise disturbance against Conservation Objectives of harbour porpoise SACs’ Joint Nature Conservation Committee Report No.654, May 2020 published in June 2020 as amended, updated or superseded from time to time;

“LAT” means lowest astronomical tide;

“maintain” includes inspect, upkeep, repair, adjust, alter, remove, reconstruct and replace (including replenishment of cable protection), but does not include the removal, reconstruction or replacement of foundations associated with the authorised scheme, to the extent assessed in the environmental statement; and “maintenance” must be construed accordingly;

“Marine Management Organisation” means the body created under the 2009 Act which is responsible for the regulation of this deemed marine licence or any successor of that function and “MMO” shall be construed accordingly;

“Marine Noise Registry” means the database developed and maintained by JNCC on behalf of Defra to record the spatial and temporal distribution of impulsive noise generating activities in UK seas;

“MCA” means the Maritime and Coastguard Agency, the executive agency of the Department for Transport;

“MCMS” means the Marine Case Management System web portal provided and operated by the MMO;

“MHWS” or “mean high water springs” means the highest level that spring tides reach on average over a period of time;

“MLWS” or “mean low water springs” means the lowest level that spring tides reach on average over a period of time;

“monopile foundation” means a steel pile driven or drilled into the seabed and associated equipment including scour protection, J-tubes, corrosion protection systems and access platforms and equipment;

“offshore order limits and grid coordinates plan” means the plan certified by the Secretary of State as the offshore order limits and grid coordinates plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

~~“offshore collector platform” means an offshore collector platform with equipment to collect the HVAC power generated at the wind turbine generators, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity generated at the wind turbine generators to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, substation auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;~~

“offshore converter platform” means an offshore converter platform with equipment to convert the HVAC power generated at the wind turbine generators into HVDC power, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity generated at the wind turbine generators to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, substation auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;

~~“offshore electrical platform” means an offshore collector platform, an offshore converter platform and/or an offshore switching platform;~~

~~“offshore switching platform” means an offshore switching platform with equipment to facilitate and alter the inter-connection and onward transmission of power from two or more power transmission systems, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems facilities to support operations and maintenance;~~

“Order” means The Dogger Bank South East and West Offshore Wind Farms Order 20[ ];

“Order limits” means the limits shown on the offshore order limits and grid coordinates plans within which the authorised scheme may be carried out and the grid coordinates for Work



Nos. 2A, 3A, 5A, ~~6A~~, 7A and 8A are set out in paragraph 5 of Part 1 of this deemed marine licence;

“outline fisheries liaison and co-existence plan” means the document certified by the Secretary of State as the outline fisheries liaison and co-existence plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline marine mammal mitigation protocol” means the document certified by the Secretary of State as the outline marine mammal mitigation protocol for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline offshore operations and maintenance plan” means the document certified by the Secretary of State as the outline offshore operations and maintenance plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline project environmental management plan” means the document certified by the Secretary of State as the outline project environmental management plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline scour protection plan” means the document certified by the Secretary of State as the outline scour protection plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified) ;

“outline vessel traffic monitoring plan” means the document certified by the Secretary of State as the outline vessel traffic monitoring plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline written scheme of investigation (offshore)” means the document certified by the Secretary of State as the outline written scheme of investigation (offshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“scour protection” means measures to prevent loss of seabed sediment around any structure placed in or on the seabed including by the use of bagged solutions, filled with grout or other materials, protective aprons, mattresses with or without frond devices, flow energy dissipation devices and rock and gravel placement;

“statutory historic body” means Historic England or its successor in function;

“statutory nature conservation body” means a statutory nature conservation body, being the appropriate nature conservation body as defined in Regulation 5 of the Conservation of Habitats and Species Regulations 2017(a) or its equivalent in the Conservation of Offshore Marine Habitats and Species Regulations 2017(b);

“transition piece” means a metal structure attached to the top of a foundation where the base of a wind turbine generator is connected and includes additional equipment such as J-tubes, corrosion protection systems, boat access systems, access platforms, craneage, electrical transmission equipment and associated equipment;

“Trinity House” means the Corporation of Trinity House of Deptford Strond;

“UKHO” means the United Kingdom Hydrographic Office of Admiralty Way, Taunton, Somerset, TA1 2DN;

“undertaker” means DBSEL;

“VHF” means very high frequency;

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(a) S.I. 2017/1012

(b) S.I. 2017/1013

“vessel” means every description of vessel, however propelled or moved, and includes a non-displacement craft, a personal watercraft, a seaplane on the surface of the water, a hydrofoil vessel, a hovercraft or any other amphibious vehicle and any other thing constructed or adapted for movement through, in, on or over water and which is at the time in, on or over water;

“wind turbine generator” means a structure comprising a tower, a rotor with three blades connected at the hub, a nacelle and ancillary electrical and other equipment which may include J-tubes, transition piece, access and rest platforms, access ladders, boat access systems, corrosion protection systems, fenders and maintenance equipment, helicopter landing facilities and other associated equipment, fixed to a foundation;

“works plans” means the works plans (offshore) and the works plans (onshore);

“works plans (offshore)” means the plans certified by the Secretary of State as the works plans (offshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified); and

“works plans (onshore)” means the plans certified by the Secretary of State as the works plans (onshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified).

(2) In this deemed marine licence, a reference to any statute, order, regulation or similar instrument is a reference to a statute, order, regulation or instrument as amended by any subsequent statute, order, regulation or instrument or as contained in any subsequent re-enactment.

(3) In this deemed marine licence, unless otherwise indicated—

(a) all times are Greenwich Mean Time (“GMT”);

(b) all coordinates are latitude and longitude degrees and minutes to two decimal places.

(4) Unless otherwise stated or agreed with the MMO, all submissions, notifications and communications must be sent by the undertaker to the MMO using MCMS. Except where otherwise notified in writing by the relevant organisation, the addresses for correspondence for the purposes of this deemed marine licence are—

(a) Historic England

Brooklands

37 Tanner Road

York

YO1 6WP

(b) Marine Management Organisation

Marine Licensing Team

Lancaster House

Hampshire Court

Newcastle upon Tyne

NE4 7YH

Tel: 0300 123 1032

(c) Marine Management Organisation (local office)

Room 13, Ground Flood

Crosskill House

Mill Lane

Beverley

HU17 9JB

Tel: 0208 026 0519

(d) Maritime and Coastguard Agency

Navigation Safety Branch  
Bay 2/20, Spring Place  
105 Commercial Road  
Southampton  
SO15 1EG  
Tel: 020 3817 2433

(e) Natural England  
4<sup>th</sup> Floor  
Foss House  
1-2 Peasholme Green  
York  
YO1 7PX  
Tel: 0300 060 4911

(f) Trinity House  
Tower Hill  
London  
EC3N 4DH  
Tel: 020 7481 6900

(g) United Kingdom Hydrographic Office  
Admiralty Way  
Taunton  
Somerset  
TA1 2DN  
Tel: 01823 337 900

(5) Unless otherwise advised in writing by the MMO, the address for electronic communication with the MMO for the purposes of this licence is [marine.consent@marinemanagement.org.uk](mailto:marine.consent@marinemanagement.org.uk), or where contact to the Local Office of the MMO is required, [beverly@marinemanagement.org.uk](mailto:beverly@marinemanagement.org.uk).

### **Details of licensed marine activities**

2. Subject to the conditions this deemed marine licence authorises the undertaker (and any agent or contractor acting on their behalf) to carry out the following licensable marine activities under section 66(1) (licensable marine activities) of the 2009 Act—

- (a) the deposit at sea within the Order limits seaward of MHWS of the substances and objects specified in paragraph 4 below and, when combined with the disposal authorised within the array area disposal site by the deemed marine licence granted under Schedule 10 of the Order, of up to 33,282,843 ~~148,903~~ cubic metres (being a maximum, not an approximate upper figure) of inert material of natural origin produced during construction drilling or seabed preparation for foundation works, cable works and boulder clearance works at disposal site references to be provided to the MMO within the array area disposal site;
- (b) the construction of works in or over the sea or on or under the sea bed;
- (c) dredging for the purposes of seabed preparation for foundation works or cable works;
- (d) the removal of sediment samples for the purposes of informing environmental monitoring under this deemed marine licence during pre-construction, construction and operation;
- (e) boulder clearance works by displacement ploughing or subsea grab technique or any other comparable method;

- (f) removal of static fishing equipment; and
- (g) site preparation works.

3. Such activities are authorised in relation to the construction, maintenance and operation of—

*Work No. 2A—*

- (a) (a) up to ~~three~~one offshore ~~electrical platforms~~converter platform fixed to the seabed by jacket or monopile foundations within the area shown on the works plans;
- (b) (b) a network of subsea inter-platform cabling within the area shown on the works plans, including cable crossings and cable protection;

*Work No. 3A—*

- (a) up to two HVDC subsea export cables between Work Nos. 2A and 8A along routes within the area shown on the works plans including cable crossings and cable protection;
- (b) up to one cable for the transmission of fibre optic communications laid between Work Nos. 2A and 8A consisting of cables along routes within the area shown on the works plans including cable crossings and cable protection;
- (c) up to three temporary pits for trenchless cable installation at landfall seaward of MLWS and up to three additional temporary pits for trenchless cable installation at landfall seaward of MLWS for the DBS West Project within the area shown on the works plans;
- (d) installation of up to three landfall cable ducts (if required) and up to three additional landfall cable ducts (if required) for the DBS West Project within the area shown on the works plans;

*Work No. 6A—*

~~Up to one electrical switching platform connected to the electrical system and fixed to the seabed by gravity base, jacket or monopile foundations, within the area shown on the Works plan;~~

Not used;

*Work No. 7A—*

A temporary work area associated with Work Nos. 1A to ~~6A~~5A for vessels to carry out intrusive activities and non-intrusive activities alongside Work Nos. 1A to 7A;

In connection with such Work Nos. 2A, 3A, ~~6A~~ and 7A and to the extent that they do not otherwise form part of any such work, further associated development comprising such other works as may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised scheme and which fall within the scope of the work assessed by the environmental statement and the provisions of this licence, including:

- (a) scour protection around the foundations of the offshore structures;
- (b) cable protection measures such as the placement of rock and/or concrete mattresses, with or without frond devices;
- (c) the removal of material from the seabed required for the construction of Work Nos. 2A, 3A, ~~5A~~ and ~~6A~~5A and the disposal of inert material of natural origin within the Order limits produced during construction drilling, seabed preparation for foundation works, cable installation preparation such as sandwave clearance, boulder clearance and pre-trenching and excavation of trenchless crossing exit pits;
- (d) removal of static fishing equipment;
- (e) temporary landing places, moorings or other means of accommodating vessels in the construction or maintenance of the authorised scheme;
- (f) disposal of drill arisings in connection with any foundation drilling up to a total of ~~2,815~~704 cubic metres;
- (g) creation and use of temporary laydown areas, use of cable lay vessel anchors;

- (h) lighting.

Work No. 8A—

- (a) Installation of up to two HVDC subsea export cables and up to one cable for the transmission of fibre optic communications within up to three landfall cable ducts (if required) between Work No. 3A and Work No. 12A and up to three landfall cable ducts (if required) for the DBS West Project between Work No. 3B and Work No. 12B;
- (b) trenchless cable installation;
- ~~(c) creation of up to three temporary pits for trenchless installation techniques seaward of MHWS and up to three additional temporary pits for trenchless installation techniques seaward of MHWS for the DBS West Project;~~
- ~~(d) cable trenching works;~~
- ~~(e) installation of up to three cable duct extensions from MLWS to any temporary pits created for trenchless installation situated between MHWS and MLWS, up to three additional cable duct extensions (if required) for the DBS West Project from MLWS to any temporary pits created for trenchless cable installation situated between MHWS and MLWS;~~
- ~~(f)~~(c) \_\_\_\_\_ temporary construction working areas [for emergency works](#); and
- ~~(g)~~(d) \_\_\_\_\_ ~~cable installation~~-vessel anchoring [for emergency works](#).

4. The substances and objects authorised for deposit at sea are—

- (a) iron, steel, copper and aluminium;
- (b) stone and rock;
- (c) concrete and grout;
- (d) sand and gravel;
- (e) cement bound sand;
- (f) natural soils;
- (g) plastic and synthetic material;
- (h) drilling fluid;
- (i) material extracted from within the Order limits during construction drilling or seabed preparation for foundation works and cable installation preparation works;
- (j) weights used for the calibration of vessels, consisting of a hessian sack, metal shackles or chains; and
- (k) marine coatings, other chemicals and timber.

5. The grid coordinates for that part of the authorised scheme comprising Work Nos. 2A, 3A, ~~6A~~, 7A and 8A are specified below—

<i>Point ID</i>	<i>Latitude (DMS)</i>	<i>Longitude (DMS)</i>
1	53° 59.6364' N	0° 12.40874' W
2	53° 59.82784' N	0° 11.50751' W
3	53° 59.84021' N	0° 9.78718' W
4	54° 0.1033' N	0° 8.05888' W
5	54° 0.45563' N	0° 6.57895' W
6	54° 1.88431' N	0° 3.05262' W
7	54° 3.14098' N	0° 0.70959' E
8	54° 3.77637' N	0° 2.53092' E
9	54° 4.14562' N	0° 3.45918' E
10	54° 4.27659' N	0° 4.42011' E
11	54° 4.31082' N	0° 5.04613' E
12	54° 8.77722' N	0° 14.26259' E

13	54° 16.03855' N	0° 31.60943' E
14	54° 16.33488' N	0° 32.15475' E
15	54° 18.43135' N	0° 36.31356' E
16	54° 19.52715' N	0° 37.41854' E
17	54° 25.52646' N	0° 46.47839' E
18	54° 29.17866' N	0° 55.21543' E
19	54° 29.23775' N	0° 55.41054' E
20	54° 29.26306' N	0° 55.54642' E
21	54° 29.26308' N	0° 55.68909' E
22	54° 28.99427' N	0° 58.64713' E
23	54° 28.93459' N	0° 59.30204' E
24	54° 28.40177' N	1° 9.1699' E
25	54° 27.31636' N	1° 25.25919' E
26	54° 27.07325' N	1° 27.08349' E
27	54° 27.43831' N	1° 30.69383' E
28	54° 28.83322' N	1° 42.21898' E
29	54° 29.62572' N	1° 43.27968' E
30	54° 29.97807' N	1° 44.94092' E
31	54° 30.11639' N	1° 45.61608' E
32	54° 31.15408' N	1° 44.71761' E
33	54° 31.46655' N	1° 44.62625' E
34	54° 31.75489' N	1° 44.85252' E
35	54° 34.18354' N	1° 48.56875' E
36	54° 34.30904' N	1° 48.85301' E
37	54° 34.36288' N	1° 49.19779' E
38	54° 34.74598' N	1° 58.90264' E
39	54° 34.77086' N	1° 59.72884' E
40	54° 34.67215' N	2° 0.18106' E
41	54° 34.47546' N	2° 0.46972' E
42	54° 24.47523' N	2° 8.98399' E
43	54° 24.09368' N	2° 8.92387' E
44	54° 23.82918' N	2° 8.43359' E
45	54° 21.08378' N	1° 54.2778' E
46	54° 21.0601' N	1° 53.90188' E
47	54° 21.14588' N	1° 53.48645' E
48	54° 21.33732' N	1° 53.18358' E
49	54° 29.14527' N	1° 46.45614' E
50	54° 28.72479' N	1° 44.40444' E
51	54° 27.92907' N	1° 43.36372' E
52	54° 27.84264' N	1° 43.13336' E
53	54° 26.37912' N	1° 31.04218' E
54	54° 25.97903' N	1° 27.06027' E
55	54° 26.25093' N	1° 24.96288' E
56	54° 27.32951' N	1° 8.97414' E
57	54° 27.86406' N	0° 59.07512' E
58	54° 28.15029' N	0° 55.92687' E
59	54° 24.70977' N	0° 47.69726' E
60	54° 18.87875' N	0° 38.89895' E
61	54° 17.72124' N	0° 37.72511' E
62	54° 15.53155' N	0° 33.38368' E
63	54° 15.19324' N	0° 32.75337' E

64	54° 13.67671' N	0° 29.11575' E
65	54° 12.45423' N	0° 27.88505' E
66	54° 12.33295' N	0° 27.60465' E
67	54° 11.97431' N	0° 25.0371' E
68	54° 7.92055' N	0° 15.37852' E
69	54° 3.30272' N	0° 5.84501' E
70	54° 3.26167' N	0° 5.6635' E
71	54° 3.21017' N	0° 4.70318' E
72	54° 3.15199' N	0° 4.23063' E
73	54° 2.86151' N	0° 3.50109' E
74	54° 2.20927' N	0° 1.63117' E
75	54° 0.96981' N	0° 2.08082' W
76	53° 59.50126' N	0° 5.71047' W
77	53° 58.98868' N	0° 7.85689' W
78	53° 58.69884' N	0° 8.79203' W
79	53° 58.4388' N	0° 9.96246' W
80	53° 58.38876' N	0° 11.76128' W

6. This deemed marine licence remains in force until the authorised scheme has been decommissioned in accordance with a programme approved by the Secretary of State under section 106 (approval of decommissioning programmes) of the 2004 Act, including any modification to the programme under section 108, and the completion of such programme has been confirmed by the Secretary of State in writing.

7. The provisions of section 72 (variation, suspension, revocation and transfer) of the 2009 Act apply to this deemed marine licence except that the provisions of section 72(7) and (8) relating to the transfer of the licence apply only to a transfer not falling within article 5 (benefit of order) of the Order.

8.—(1) With respect to any condition which requires the licensed activities be carried out in accordance with the details, plans or schemes approved under this deemed marine licence, the approved details, plans or schemes are taken to include any amendments that may subsequently be approved in writing by the MMO.

(2) Any amendments to or variations from the approved details, plans or schemes must be in accordance with the principles and assessments set out in the environmental statement and approval of an amendment or variation may only be given where it has been demonstrated to the satisfaction of the MMO that it is unlikely to give rise to any materially new or materially different environmental effects from those assessed in the environmental statement.

9. Should the undertaker become aware that any of the information on which the granting of this deemed marine licence was based was materially false or misleading, the undertaker must notify the MMO of this fact in writing as soon as is reasonably practicable. The undertaker must explain in writing what information was materially false or misleading and must provide to the MMO the correct information.

## PART 2

### Conditions

#### Design parameters

##### *Offshore ~~electrical installation~~ converter platform dimensions*

1.—(1) The total number of offshore electrical installations converter platforms in respect of the authorised scheme must not exceed ~~four, consisting of a combination of no more than:~~

~~three offshore converter platforms or offshore collector platforms in respect of the authorised scheme; and one offshore switching platform in respect of the authorised scheme.~~

(2) The dimensions of any offshore ~~electrical installation~~ converter platform (excluding helidecks, lightning protection, towers, masts and cranes) must not exceed:—

- (a) 125 metres in length;
- (b) 100 metres in width; or
- (c) 105 metres in height above LAT.

#### *Offshore ~~electrical installation~~ converter platform foundations*

2.—(1) Offshore ~~converter platform or offshore collector platform~~ foundations must be of one or more of the following foundation options: piled monopile or piled jacket foundation.

~~(2) Offshore switching platform foundations must be of one or more of the following foundation options: piled monopile, piled jacket, or gravity based foundation. If the offshore switching platform is within the Dogger Bank SAC it must not have a gravity based foundation~~

~~(3)~~(2) The pile diameter of any offshore ~~electrical installation~~ converter platform piled monopile foundation must not exceed 15 metres.

~~(4)~~(3) Any offshore ~~electrical installation~~ converter platform piled jacket foundation must not:—

- (a) have more than eight legs;
- (b) have more than eight piles; or
- (c) have a pile diameter exceeding 3.8 metres.

~~(5)~~(4) Any offshore ~~switching~~ converter platform ~~gravity base structure~~ foundation must not:—

- ~~(a) have a seabed base plate exceeding 65 metres in diameter; or~~
- ~~(b) have a gravel footing exceeding 268 metres in diameter.~~

~~(6) Any offshore electrical installation foundation must not:—~~

- (a) have a seabed footprint (including scour protection) exceeding ~~56,410~~5,411 square metres; or
- (b) have a seabed footprint (excluding scour protection) exceeding ~~3,317~~177 square metres.

~~(7)~~(5) Within Work No. 2A, the offshore ~~converter platforms or offshore collector platforms~~ platform foundations must not have:—

- (a) A total combined seabed footprint (including scour protection) exceeding ~~16,233~~5,411 square metres; or
- (b) a total combined amount of scour protection exceeding ~~15,702~~5,234 square metres.

~~(8) Within Work No. 6A, the offshore switching platform foundations must not have:—~~

- ~~(a) a total combined seabed footprint (including scour protection) exceeding 56,410 square metres; or~~
- ~~(b) a total combined amount of scour protection exceeding 53,092 square metres.~~

~~(9)~~(6) The total volume of scour protection for offshore ~~electrical installations~~ converter platforms in respect of the authorised scheme must not exceed ~~131,150~~9,450 cubic metres.

#### *Cables and cable protection*

3.—(1) Within Work Nos. 3A, the offshore export cables must not, in total:—

- (a) exceed 2 in number;
- (b) exceed 376 kilometres in length;
- (c) exceed 24 cable crossings;
- (d) have cable protection (including cable crossings) exceeding 1,147,415 square metres in area; or



(e) have cable protection (including cable crossings) exceeding 1,041,142 cubic metres in volume.

(2) The offshore export cables within Work No. 3A which fall within the Dogger Bank Special Area of Conservation must not have cable protection exceeding 10% of the length of such cables, when combined with the offshore export cables, array cables and inter-platform cables authorised by the deemed marine licences granted under Schedules 11-14 of the Order.

(3) Within the area between MHWS and 350 metres seaward of MLWS, all offshore export cables must be buried, and must not have cable protection.

(4) The offshore export cables within the area between 350 metres seaward of MLWS and the 10 metre depth contour as measured against LAT (as at the date of commencement of construction of the licensed activities) must not have cable protection exceeding 10% of the length of such cables, when combined with the offshore export cables authorised by the deemed marine licence granted under Schedule 13 of the Order.

(5) Within Work Nos. 2A the inter-platform cables must not, in total:—

(a) exceed 41 in number;

(b) exceed ~~115~~23 kilometres in length;

(c) exceed 41 cable crossings;

(d) have cable protection (including cable crossings) exceeding ~~207,812~~43,203 square metres in area; or

(e) have cable protection (including cable crossings) exceeding ~~188,545~~39,207 cubic metres in volume.

#### **Phases of authorised scheme**

4.—(1) The authorised scheme must not commence until an offshore works phasing scheme setting out the phases of construction of the authorised scheme has been submitted to and approved in writing by the MMO.

(2) The authorised scheme must be submitted at least 4 months prior to the proposed commencement of the works.

(3) Any subsequent amendments to the offshore works phasing scheme submitted for approval under sub-paragraph (1) must be submitted to the MMO for approval in writing.

(4) The offshore works phasing scheme submitted for approval under sub-paragraph (1) must be implemented as approved. The approved details shall be taken to include any amendment that may subsequently be approved by the MMO in accordance with sub-paragraph (3).

#### **Maintenance of the authorised scheme**

5.—(1) The undertaker may at any time maintain the authorised scheme, except to the extent that this licence or an agreement made under this licence provides otherwise.

(2) Maintenance works include but are not limited to—

(a) Routine maintenance of wind turbine generators, offshore ~~electrical installations~~converter platforms, and their respective foundations;

(b) Major offshore ~~electrical installation~~converter platform replacement;

(c) Painting and applying other coatings to offshore ~~electrical installations~~converter platforms;

(d) Bird waste and marine growth removal;

(e) Surveys/inspections of cables;

(f) Cable remedial burial;

(g) Cable protection replenishment;

(h) Cable repairs and replacement;

- (i) Access ladder and boat landing replacement;
- (j) Offshore ~~electrical installation~~ converter platform anode replacement; and
- (k) J-tube repair/replacement.

(3) Operation of the licensed activities must not commence until an offshore operations and maintenance plan substantially in accordance with the outline offshore operations and maintenance plan has been submitted to and approved in writing by the MMO. The operations and maintenance plan must include, but is not limited to—

- (a) a list of maintenance activities within the marine environment that are planned for the lifetime of the licensed activities;
- (b) details of the typical construction plant, machinery and personnel requirements for each maintenance activity and any requirements for detailed method statements;
- (c) details of the typical frequency and timing of each maintenance activity; and
- (d) details of controls and mitigation that will be in place in order to protect the marine environment.

(4) The offshore operations and maintenance plan must be reviewed every three years commencing from the date on which the plan was approved, unless otherwise agreed by the MMO, to ensure the details of the maintenance activities remain accurate. The conclusions of that review must be submitted to and approved by the MMO in writing.

(5) The offshore operations and maintenance plan must be implemented as approved by the MMO.

(6) Unless otherwise agreed in writing with the MMO, the undertaker must submit—

- (a) the first offshore operations and maintenance plan at least 4 months prior to the operation of the licensed activities;
- (b) any revised offshore operations and maintenance plan submitted in accordance with sub-paragraph (4) at least 4 months before such revised plan is required to be put in place; and
- (c) where additional maintenance activities are identified that are not included in the approved offshore operations and maintenance plan, or any revised plan approved in accordance with sub-paragraph (4), an updated offshore operations and maintenance plan including the additional maintenance activities must be submitted to and approved by the MMO in writing as soon as possible after the need for such additional maintenance activities is identified.

### **Extension of time periods**

6. Any time period given in this deemed marine licence to either the undertaker or the MMO may be extended with the agreement of the other party, such agreement not to be unreasonably withheld or delayed.

### **Notifications and inspections**

7.—(1) The undertaker must ensure that—

- (a) a copy of this deemed marine licence (issued as part of the grant of the Order) and any subsequent amendments or revisions to it is provided to—
  - (i) all agents and contractors notified to the MMO in accordance with condition 17;
  - (ii) the masters and transport managers responsible for the vessels notified to the MMO in accordance with condition 17; and
- (b) within 28 days of receipt of a copy of this deemed marine licence and any subsequent amendments or revisions to it, those persons referred to in sub-paragraph (1)(a) must confirm receipt of this deemed marine licence in writing to the MMO.

(2) Only those persons and vessels notified to the MMO in accordance with condition 17 are permitted to carry out the licensed activities.

(3) Copies of this deemed marine licence must also be available for inspection at the following locations—

- (a) the undertaker's registered address;
- (b) any site office located at or adjacent to the construction site and used by the undertaker or its agents and contractors responsible for the loading, transportation or deposit of the authorised deposits; and
- (c) on board each vessel and at the office of any transport manager with responsibility for vessels from which authorised deposits or removals are to be made.

(4) The documents referred to in sub-paragraph (1) must be available for inspection by an authorised enforcement officer at the locations set out in sub-paragraph (3).

(5) The undertaker must provide access, and if necessary appropriate transportation, to the offshore construction site or any other associated works or vessels to facilitate any inspection that the MMO considers necessary to inspect the works during the construction and operation of the authorised scheme.

(6) The undertaker must inform the MMO Local Office in writing at least five days prior to the commencement of the licensed activities or any part of them and within five days of the completion of the licensed activity.

(7) The undertaker must inform the Kingfisher Information Service of Seafish by email to [kingfisher@seafish.co.uk](mailto:kingfisher@seafish.co.uk) of details of the vessel routes, timings and locations relating to the construction of the authorised scheme or relevant part—

- (a) at least fourteen days prior to the commencement of offshore activities, for inclusion in the Kingfisher Fortnightly Bulletin and offshore hazard awareness data;
- (b) on completion of construction of the authorised scheme,

and confirmation of notification must be provided to the MMO within five days.

(8) The undertaker must ensure that a local notification to mariners is issued at least 14 days prior to the commencement of the authorised scheme or any part thereof advising of the start date of each of Work Nos. 2A, 3A, ~~6A~~, 7A and 8A and the expected vessel routes from the construction ports to the relevant location. Copies of all notices must be provided to the MMO, MCA and UKHO within five days.

(9) The undertaker must ensure that local notifications to mariners are updated and reissued at weekly intervals during construction activities and at least five days before any planned operations (or otherwise agreed) and maintenance works and supplemented with VHF radio broadcasts agreed with the MCA in accordance with the construction programme and monitoring plan approved under condition 13(1)(b). Copies of all notices must be provided to the MMO and UKHO within five days.

(10) The undertaker must notify UKHO of the commencement (within fourteen days), progress and completion of construction (within fourteen days) of the licensed activities in order that all necessary amendments to nautical and aeronautical charts are made and the undertaker must send a copy of such notifications to the MMO within five days of the notification.

(11) In case of damage to, or destruction or decay of, the authorised scheme or any part thereof, excluding the exposure of cables, the undertaker must as soon as reasonably practicable and no later than 24 hours following the undertaker becoming aware of any such damage, destruction or decay, notify the MMO, the MMO Local Office, MCA, Trinity House, the Kingfisher Information Service of Seafish and UKHO.

(12) In case of the exposure of cables on or above the seabed, the undertaker must within three days following identification of a potential cable exposure, notify mariners and inform the Kingfisher Information Service of Seafish of the location and extent of exposure. Copies of all notices must be provided to the MMO, MCA, Trinity House, and UKHO within five days.

(13) The undertaker must notify the MMO in writing a minimum of five days in advance of the commencement of each discrete incident of cable repair, replacement, or protection replenishment activity. Such a notification must include proposed timings and a description of proposed methodologies.

(14) The undertaker must ensure that the MMO, the MMO Local Office, local mariners, local fishermen's organisations and the Source Data Receipt Team at the UK Hydrographic Office, Taunton, Somerset, TA1 2DN sdr@ukho.gov.uk are notified within five days of completion of each instance of cable repair, replacement or protection replenishment activity.

### **Aids to navigation**

**8.**—(1) The undertaker must during the whole of the period from commencement of construction of the authorised scheme to completion of decommissioning of the authorised scheme exhibit such lights, marks, sounds, signals and other aids to navigation, and take such other steps for the prevention of danger to navigation, as Trinity House may from time to time direct.

(2) The undertaker must during the period from commencement of construction of the authorised scheme to completion of decommissioning of the authorised scheme keep Trinity House and the MMO informed of progress of the authorised scheme including—

- (a) notice of commencement of construction of the authorised scheme within 24 hours of commencement having occurred;
- (b) notice within 24 hours of any aids to navigation being established by the undertaker; and
- (c) notice within five days of completion of construction of the authorised scheme.

(3) The undertaker must provide reports to Trinity House on the availability of aids to navigation in accordance with the frequencies set out in the aids to navigation management plan agreed pursuant to condition 13(1)(f) using the reporting system provided by Trinity House.

(4) The undertaker must during the period from commencement of the licensed activities to completion of decommissioning of the authorised scheme notify Trinity House and the MMO of any failure of the aids to navigation, and the timescales and plans for remedying such failures, as soon as possible and no later than 24 hours following the undertaker becoming aware of any such failure.

(5) In the event that the provisions of condition 7(11) or condition 7(12) are invoked, the undertaker must lay down such buoys, exhibit such lights and take such other steps for preventing danger to navigation as directed by Trinity House.

### **Colouring of Structures**

**9.** The undertaker must paint all structures forming part of the authorised scheme yellow (colour code RAL 1023) from at least HAT to the height agreed in writing with Trinity House. The undertaker must paint the remainder of the structures grey (colour code RAL 7035). Requests to change the colouring of the structure must be submitted to the MMO in writing and must not be undertaken unless approved in writing by the MMO.

### **Aviation safety**

**10.**—(1) The undertaker must exhibit such lights, with such shape, colour and character as are required in writing by the Air Navigation Order 2016<sup>(a)</sup> and determined necessary for aviation safety in consultation with the Defence Infrastructure Organisation Safeguarding and as directed by the Civil Aviation Authority.

(2) The undertaker must notify the Defence Infrastructure Organisation Safeguarding, the Civil Aviation Authority and the MMO, at least 14 days prior to the commencement of the authorised scheme, in writing of the following information—

- (a) the date of the commencement of construction of the authorised scheme;
- (b) the date any wind turbine generators are to be installed;
- (c) the maximum height of any construction equipment or vessels to be used;

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(a) S.I. 2016/765.

- (d) the maximum height of each wind turbine generator to be constructed;
- (e) the latitude and longitude of each wind turbine generator to be constructed;

and the Defence Infrastructure Organisation Safeguarding and the Civil Aviation Authority must be notified of any changes to the information supplied under this paragraph and of the completion of the construction of the authorised scheme. Copies of notifications must be provided to the MMO within 5 days.

### **Chemicals, drilling and debris**

11.—(1) Unless otherwise agreed in writing by the MMO, the carriage and use of chemicals in the construction of the authorised scheme must comply with the International Convention for the Prevention of Pollution from Ships 1973 as modified by the Protocol of 1978 relating thereto and by the Protocol of 1997.

(2) The undertaker must ensure that any coatings and treatments are suitable for use in the marine environment and are used in accordance with guidelines approved by the Health and Safety Executive and the Environment Agency Pollution Prevention Control Guidelines.

(3) The storage, handling, transport and use of fuels, lubricants, chemicals and other substances must be undertaken to prevent releases into the marine environment, including bunding of 110 percent of the total volume of all reservoirs and containers.

(4) The undertaker must inform the MMO in writing of the location and quantities of material disposed of each month under this deemed marine licence by submission of a disposal return by 15 February each year for the months August to January inclusive, and by 15 August each year for the months February to July inclusive and must provide a null return if no activity has taken place during the reporting period.

(5) The undertaker must ensure that only inert material of natural origin, produced during pre-sweeping sandwave clearance where relevant, the drilling installation of or seabed preparation for foundations, and drilling mud is disposed of within the Order limits seaward of MHWS.

(6) The undertaker must ensure that any rock material used in the construction of the authorised scheme is from a recognised source, free from contaminants and containing minimal fines.

(7) In the event that any rock material used in the construction of the authorised scheme is misplaced or lost below MHWS, the undertaker must report the loss in writing to the local enforcement office within 24 hours and if the MMO, in consultation with the MCA and Trinity House, reasonably considers such material to constitute a navigation or environmental hazard (dependent on the size and nature of the material) the undertaker must, in that event, demonstrate to the MMO that reasonable attempts have been made to locate, remove or move any such material.

(8) The undertaker must ensure that no waste concrete slurry or wash water from concrete or cement works are discharged into the marine environment. Concrete and cement mixing and washing areas must be contained to prevent run off entering the water through the freeing ports.

(9) The undertaker must ensure that any oil, fuel or chemical spill within the marine environment is reported to the MMO Marine Pollution Response Team in accordance with the marine pollution contingency plan agreed under condition 13(1)(d)(i).

(10) All dropped objects must be reported to the MMO using the Dropped Object Procedure Form as soon as reasonably practicable and in any event within 24 hours of the undertaker becoming aware of an incident. On receipt of the Dropped Object Procedure Form the MMO may require relevant surveys to be carried out by the undertaker (such as side scan sonar) if reasonable to do so and the MMO may require obstructions to be removed from the seabed at the undertaker's expense if reasonable to do so.

### **Force majeure**

12. If, due to stress of weather or any other cause, the master of a vessel determines that it is necessary to deposit the authorised deposits within or outside of the Order limits because the

safety of human life or of the vessel is threatened, within 48 hours the undertaker must notify full details of the circumstances of the deposit to the MMO.

### **Pre-construction plans and documentation**

**13.—**(1) The licensed activities or any phase of those activities must not commence until the following (insofar as relevant to that activity or phase of activity) have been submitted to and approved in writing by the MMO, in consultation with Trinity House, the MCA, the relevant statutory nature conservation body and UKHO as appropriate—

- (a) a layout plan setting out proposed details of the authorised scheme, including the:
  - (i) number, dimensions, specification, foundation type(s) and depth for each offshore converter platform ~~and offshore switching platform~~;
  - (ii) the grid coordinates of the centre point of the proposed location for each wind turbine generator, ~~offshore converter platform~~ and offshore ~~switching~~ converter platform;
  - (iii) proposed layout of all cables;
  - (iv) location and specification of all other aspects of the authorised scheme; and
  - (v) any exclusion zones or micro-siting requirements identified pursuant to 13(1)(e)(iv) or relating to any habitats of principal importance, Annex 1 subtidal habitat or surficial deposits of glacial till identified as part of surveys undertaken in accordance with condition 18;

to ensure conformity with the description of Work Nos. 2A, 3A, 7A and 8A and compliance with conditions 1 to 3;

- (b) a construction programme and monitoring plan (which accords with the in principle monitoring plan) which, save in respect information submitted pursuant to sub-paragraph (b)(iii)(aa), is to be submitted to the MMO at least six months prior to commencement of licensed activities and to include details of—
  - (i) the proposed construction start date;
  - (ii) proposed timings for mobilisation of plant, delivery of materials and installation works;
  - (iii) proposed pre-construction surveys, baseline report format and content, construction monitoring, post-construction surveys and monitoring and related reporting in accordance with conditions 18, 19 and 20 to be submitted to the MMO in accordance with the following (unless otherwise agreed in writing with the MMO)—
    - (aa) at least four months prior to the first survey, detail of the pre-construction surveys and an outline of all proposed pre-construction monitoring;
    - (bb) at least four months prior to construction, detail on construction monitoring; and
    - (cc) at least four months prior to commissioning, detail of post-construction (and operational) monitoring;
  - (iv) an indicative written construction programme for all offshore converter platforms and cables including fibre optic cables comprised in the works at Part 1 (licensed marine activities) of this Schedule (insofar as not shown in paragraph (ii) above); and
  - (v) a monitoring plan setting out the circumstances in which monitoring will be required and the monitoring to be carried out in such circumstances;
- (c) a construction method statement (in accordance with the cable statement), including details of—
  - (i) cable burial, specification, installation and monitoring to include—
    - (aa) the technical specification of cables below MHWS;

- (bb) a detailed cable laying plan for the authorised scheme, incorporating a detailed burial risk assessment encompassing the identification of any cable protection that exceeds 5 percent of navigable depth referenced to Chart Datum and, in the event that any area of cable protection exceeding 5 percent of navigable depth is identified, details of any steps (to be determined following consultation with the MCA and Trinity House) to be taken to ensure existing and future safe navigation is not compromised or similar such assessment to ascertain suitable burial depths and cable laying techniques, including cable protection; and
- (cc) proposals for monitoring cables including cable protection until the authorised scheme is decommissioned which includes a risk-based approach to the management of unburied or shallow buried cables;
- (ii) a scour protection plan (in accordance with the outline scour protection plan) including details of scour protection and cable protection including details of the need, type, sources, quantity and installation methods for scour protection and cable protection, with details updated and resubmitted for approval if changes to it are proposed following cable laying operations;
- (iii) foundation installation methodology, including drilling methods and disposal of drill arisings and material extracted during seabed preparation for foundation and cable installation works and having regard to any mitigation scheme pursuant to subparagraph (1)(g);
- (iv) advisory safe passing distances for vessels around the sites where the licensed activities are taking place;
- (v) contractors;
- (vi) vessels and vessel transit corridors;
- (vii) associated ancillary works; and
- (viii) guard vessels to be employed;
- (d) a project environmental management plan (in accordance with the outline project environmental management plan) covering the period of construction and operation to include details of—
  - (i) a marine pollution contingency plan to address the risks, methods and procedures to deal with any spills and collision incidents during construction and operation of the authorised scheme in relation to all activities carried out;
  - (ii) a chemical risk assessment, including information regarding how and when chemicals are to be used, stored and transported in accordance with recognised best practice guidance;
  - (iii) waste management and disposal arrangements;
  - (iv) the appointment and responsibilities of a fisheries liaison officer;
  - (v) a fisheries liaison and coexistence plan (which accords with the outline fisheries liaison and co-existence plan) to ensure relevant fishing fleets are notified of commencement of licensed activities pursuant to condition 4 and to address the interaction of the licensed activities with fishing activities;
  - (vi) a code of conduct for vessel operators to reduce risk of injury to mammals; and
  - (vii) procedures, which must be adopted within vessel transit corridors to minimise disturbance to red-throated diver during the period 1 November to 31 March (inclusive), which must be in accordance with the best practice protocol for minimising disturbance to red-throated diver;
- (e) an archaeological written scheme of investigation in relation to the offshore Order limits seaward of MHWS, which must accord with the outline written scheme of investigation (offshore) and industry good practice, in consultation with the statutory historic body to include—

- (i) details of responsibilities of the undertaker, archaeological consultant and contractor;
  - (ii) a methodology for further site investigation including any specifications for geophysical, geotechnical and diver or remotely operated vehicle investigations;
  - (iii) archaeological analysis of survey data, and timetable for reporting, which is to be submitted to the MMO within four months of any survey being completed;
  - (iv) delivery of any mitigation including, where necessary, identification and modification of archaeological exclusion zones;
  - (v) monitoring of archaeological exclusion zones during and post construction;
  - (vi) a requirement for the undertaker to ensure that a copy of any agreed archaeological report is deposited with the Archaeological Data Service, by submitting an OASIS ('Online Access to the Index of archaeological investigations') form with a digital copy of the report within six months of completion of construction of the authorised scheme, and to notify the MMO and Historic England that the OASIS form has been submitted to the Archaeological Data Service within two weeks of submission;
  - (vii) a reporting and recording protocol, including reporting of any wreck or wreck material during construction, operation and decommissioning of the authorised scheme; and
  - (viii) a timetable for all further site investigations, which must allow sufficient opportunity to establish a full understanding of the historic environment within the offshore Order limits and the approval of any necessary mitigation required as a result of the further site investigations prior to commencement of licensed activities;
- (f) an aids to navigation management plan to be agreed in writing by the MMO following consultation with Trinity House, the MCA and UKHO specifying how the undertaker will ensure compliance with condition 8 from the commencement of construction of the authorised scheme to the completion of decommissioning;
- (g) in the event that driven or part-driven pile foundations are proposed to be used, a marine mammal mitigation protocol (in accordance with the outline marine mammal mitigation protocol), the intention of which is to prevent injury to marine mammals, following current best practice as advised by the relevant statutory nature conservation bodies; and
- (h) a navigation management plan to manage crew transfer vessels (including daughter craft) during the construction and operation of the authorised scheme.

(2) Pre-commencement surveys and archaeological investigations and pre-commencement material operations which involve intrusive seabed works must only take place in accordance with a specific outline written scheme of investigation (which must accord with the details set out in the outline written scheme of investigation (offshore)) which has been submitted to and approved by the MMO.

~~(3) In the event that piled foundations are proposed to be used for the electrical switching platform, installation of the piled foundation must not occur concurrently with installation of any piled foundations being installed pursuant to the deemed marine licences granted under Schedules 10 and 11 of the Order.~~

~~(4) Within Work No. 8A, the temporary pits for trenchless installation techniques must not be located within 50 metres seaward of the beach cliffs.~~

~~(5)~~(3) Anchoring of vessels must not occur within the Holderness Inshore Marine Conservation Zone or within the Smithic Bank, unless otherwise agreed in writing with the MMO following consultation with the relevant statutory nature conservation body and in the event that jack-up vessels are proposed to be used for cable installation or maintenance, their legs must not be deployed within the Holderness Inshore Marine Conservation Zone or within the Smithic Bank, unless otherwise agreed in writing with the MMO following consultation with the relevant statutory nature conservation body . For the purposes of this sub-paragraph the "Holderness Inshore Marine Conservation Zone" and the "Smithic Bank" means the area bounded by the following coordinates:



<i>Co-ordinate ID</i>	<i>X</i>	<i>Y</i>	<i>Co-ordinate ID</i>	<i>X</i>	<i>Y</i>
1	295623.5	5988145	23	298275.5	5998380
2	295151.2	5988060	24	298621.2	5998874
3	294745.5	5988423	25	298836.9	5999246
4	294511.3	5988778	26	299247.9	5999525
5	294268.6	5989292	27	299486.8	5999430
6	293876.3	5989601	28	299598.1	5998762
7	293560.8	5989880	39	299594.8	5997967
8	293332.8	5990368	30	299268.7	5997636
9	293232.9	5990929	31	298936.8	5997174
10	293248	5991618	32	298720.2	5996494
11	293357	5992382	33	298564.6	5995785
12	293486	5993034	34	298381.8	5994812
13	293672.5	5993577	35	298391.6	5993963
14	293869.5	5994077	36	298294.2	5992800
15	294131.6	5994638	37	298298.3	5991819
16	294494.2	5995216	38	298274.7	5990919
17	295039.8	5995701	39	298010.4	5989870
18	295805.2	5996367	40	297423.3	5988941
19	296495.2	5996740	41	296719	5988548
20	297164.8	5997219	42	296143.8	5988255
21	297591.3	5997561	43	295623.5	5988145
22	297845.4	5997953			

~~(6)~~(4) Any sediment removed from within the Dogger Bank Special Area of Conservation during construction of the authorised scheme must be disposed of within that part of the Dogger Bank Special Area of Conservation which falls within the Order limits.

~~(7)~~(5) Each programme, statement, plan, protocol or scheme required to be approved under condition 13 must be submitted for approval at least six months before the intended commencement of licensed activities, except where otherwise stated or unless otherwise agreed in writing by the MMO.

~~(8)~~(6) The MMO must determine an application for approval made under condition 13 within a period of six months commencing on the date the application is received by the MMO, unless otherwise agreed in writing with the undertaker.

~~(9)~~(7) The licensed activities must be carried out in accordance with the programmes, statements, plans, protocols or schemes approved under condition 13 unless otherwise agreed in writing by the MMO.

~~(10)~~(8) In the event that driven or part-driven pile foundations are proposed to be used, the hammer energy used to drive or part-drive monopile foundations must not exceed 6,000kJ and the hammer energy used to drive or part-drive pin pile foundations must not exceed 3,000kJ.

~~(11)~~(9) The maximum number of main vessels engaged at any time in activities related to piling for the licensed activities when combined with the number of main vessels engaged in piling activities authorised by the deemed marine licences granted under Schedules 10, 11 and 13 must not exceed ~~32~~ vessels.

~~(12)~~(10) The number of piled foundations installed within a 24 hour period when combined with the number of piled foundations installed pursuant to the deemed marine licences granted under Schedules 10, 11 and 13 of the Order within the same 24 hour period must not exceed:

- (a) 4 monopile foundations;
- (b) ~~128~~ pin pile foundations;
- (c) 3 monopile foundations and ~~32~~ pin pile foundations;
- (d) 2 monopile foundations and ~~64~~ pin pile foundations; or
- (e) 1 monopile foundation and ~~96~~ pin pile foundations.

~~(13)~~(11) The number of piled foundations installed concurrently when combined with the number of piled foundations installed concurrently pursuant to the deemed marine licences granted under Schedules 10, 11 and 13 must not exceed:

- (a) -where only monopile foundations are being installed concurrently exceed 2 monopile foundations;
- (b) where only pin pile foundations are being installed concurrently exceed ~~3~~2 pin pile foundations; and
- (c) where a combination of monopile foundations and pin pile foundations are being installed concurrently exceed 1 monopile foundation and 1 pin pile foundation.

### **Site Integrity Plan**

14.—(1) No piling activities can take place until a Site Integrity Plan (“SIP”), which accords with the principles set out in the in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation, has been submitted to, and approved in writing, by the MMO in consultation with the relevant statutory nature conservation body.

(2) The SIP submitted for approval must contain a description of the conservation objectives for the Southern North Sea Special Area of Conservation (“SNS SAC”) as well as any relevant management measures and it must set out the key statutory nature conservation body advice on activities within the SNS SAC relating to piling as set out within the JNCC Guidance and how this has been considered in the context of the authorised scheme.

(3) The SIP must be submitted in writing to the MMO no later than six months prior to the commencement of piling activities.

(4) In approving the SIP the MMO must be satisfied that the authorised scheme at the preconstruction stage, in-combination with other plans and projects, is in line with the JNCC Guidance.

(5) The approved SIP may be amended with the prior written approval of the MMO, in consultation with the relevant statutory nature conservation body, where the MMO remains satisfied that the Project, in-combination with other plans or projects at the pre-construction stage, is in line with the JNCC Guidance.

### **Approval of programmes, statements etc**

15.—(1) Each programme, statement, plan, protocol or scheme required to be approved under condition 13 must be submitted for approval at least four months before the intended commencement of licensed activities, except where otherwise stated or unless otherwise agreed in writing by the MMO.

(2) The MMO must determine an application for approval made under conditions 13 and 14 within a period of four months commencing on the date the application is received by the MMO, unless otherwise agreed in writing with the undertaker.

(3) The licensed activities must be carried out in accordance with the plans, protocols, statements, schemes and details approved under conditions 13 and 14, unless otherwise agreed in writing by the MMO.

### **Offshore safety management**

16. Any part of the authorised scheme must not be commenced until the MMO, in consultation with the MCA, has confirmed in writing that the undertaker has taken into account and, so far as is applicable to that stage of the project, adequately addressed all MCA recommendations as appropriate to the authorised scheme contained within MGN654 “Offshore Renewable Energy Installations (OREIs) – Guidance on UK Navigational Practice, Safety and Emergency Response Issues” (or any equivalent guidance that replaces or supersedes it) and its annexes.

## **Reporting of engaged agents, contractors and vessels**

17.—(1) The undertaker must provide the following information in writing to the MMO—

- (a) the name, function, company number (if applicable), registered or head office address (as appropriate) of any agent or contractor appointed to engage in the licensed activities within seven days of appointment; and
- (b) each week during the construction of the authorised scheme a completed Hydrographic Note H102 listing the vessels currently and to be used in relation to the licensed activities.

(2) The undertaker must notify the MMO in writing of any vessel being used to carry on any licensed activity listed in this deemed marine licence on behalf of the undertaker. Such notification must be received by the MMO no less than 24 hours before the commencement of the licensed activity. Notification must include the master's name, vessel type, vessel IMO number and vessel owner or operating company

(3) Any changes to the supplied details must be notified to the MMO in writing at least 24 hours before the agent, contractor or vessel engages in the licensed activities.

## **Pre-construction monitoring and surveys**

18.—(1) The undertaker must, in discharging condition 13(1)(b), submit a monitoring plan or plans in accordance with the in principle monitoring plan for written approval in writing by the MMO in consultation with the relevant statutory nature conservation body, which must contain details of proposed monitoring and surveys, including methodologies and timings, and a proposed format and content for a pre-construction baseline report.

(2) The survey proposals submitted under sub-paragraph (1) must be in accordance with the principles set out in the in principle monitoring plan and must specify each survey's objectives and explain how it will assist in either informing a useful and valid comparison with the post-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(3) The baseline report proposals submitted under sub-paragraph (1) must ensure that the outcome of the agreed surveys, together with existing data and reports, are drawn together to present a valid statement of the pre-construction position, with any limitations, and must make clear what post-construction comparison is intended and the justification for this being required.

(4) The pre-construction surveys referred to in sub-paragraph (1) must, unless otherwise agreed in writing with the MMO, include, but not be limited to, the need to undertake—

- (a) a survey to determine the location, extent and composition of habitats of principal importance, Annex I subtidal habitat, habitat with suitability for sandeel or surficial deposits of glacial till in the parts of the Order limits in which it is proposed to carry out construction works;
- (b) a swath-bathymetry survey to IHO Order 1a standard that meets the requirements MGN654 and its annexes, and side scan sonar, of the area(s) within the Order limits in which it is proposed to carry out construction works including an appropriate buffer around the location of each work; and
- (c) undertake any monitoring required by the SIP submitted in accordance with condition 14; and
- (d) undertake or contribute to any marine mammal monitoring referred to in the marine mammal mitigation protocol submitted in accordance with condition 13(1)(g).

(5) The undertaker must carry out the surveys specified within the monitoring plan or plans in accordance with that plan or plans, unless otherwise agreed in writing by the MMO in consultation with the relevant statutory nature conservation body.

(6) When any surveys are carried out in accordance with sub-paragraph (5) a survey report must be submitted to the MMO following completion of the relevant survey. Any report submitted under this sub-paragraph must be submitted prior to the commencement of licensed activities for the relevant stage.

## **Construction monitoring and surveys**

19.—(1) The undertaker must, in discharging condition 13(1)(b), for each phase of construction submit details (which accord with the in principle monitoring plan) for approval in writing by the MMO in consultation with the relevant statutory nature conservation bodies of any proposed monitoring and surveys, including methodologies and timings, to be carried out during the construction of the authorised scheme. The survey proposals must specify each survey's objectives and explain how it will assist in either informing a useful and valid comparison with the pre-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(2) In the event that driven or part-driven pile foundations are proposed, such monitoring must include measurements of noise generated by the installation of the first four piled foundations of each piled foundation type to be installed unless the MMO otherwise agrees in writing.

(3) The undertaker must carry out the surveys approved under sub-paragraph (1), including any further noise monitoring required in writing by the MMO, and provide the agreed reports in the agreed format in accordance with the agreed timetable, unless otherwise agreed in writing with the MMO in consultation with the relevant statutory nature conservation bodies.

(4) The results of the initial noise measurements monitored in accordance with sub-paragraph (2) must be provided to the MMO within six weeks of the installation of the first four piled foundations. The assessment of this report by the MMO will determine whether any further noise monitoring is required. If, in the reasonable opinion of the MMO in consultation with the relevant statutory nature conservation body, the assessment shows significantly different impacts to those assessed in the environmental statement or failures in mitigation, all piling activity must cease until an update to the marine mammal mitigation protocol and further monitoring requirements have been agreed.

(5) The undertaker must carry out the surveys specified in the construction monitoring plan in accordance with that plan, including any further noise monitoring required in writing by the MMO under sub-paragraph (4), unless otherwise agreed in writing by the MMO in consultation with the relevant statutory nature conservation body.

(6) Construction monitoring must include vessel traffic monitoring in accordance with the outline vessel traffic monitoring plan, including the provision of reports on the results of that monitoring by automatic identification system at the end of each year of the construction period to the MMO, MCA and Trinity House.

(7) In the event that piled foundations are proposed to be used, the details submitted in accordance with the marine mammal mitigation protocol must include proposals for monitoring marine mammals.

## **Post-construction monitoring and surveys**

20.—(1) The undertaker must, in discharging condition 13(1)(b), submit details (which accord with the in principle monitoring plan) for approval in writing by the MMO in consultation with the relevant statutory nature conservation bodies of proposed post-construction monitoring and surveys, including methodologies and timings, and a proposed format, content and timings for providing reports on the results.

(2) The survey proposals must specify each survey's objectives and explain how it will assist in either informing a useful and valid comparison with the pre-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(3) The post-construction surveys referred to in sub-paragraph (1) must, unless otherwise agreed with the MMO, have due regard to, but not be limited to, the need to—

- (a) undertake a survey to determine any change in the location, extent and composition of any habitats of principal importance, Annex I subtidal habitat, habitat with suitability for sandeel or surficial deposits of glacial till identified in the pre-construction survey in the parts of the Order limits in which construction works were carried out. The survey design must be informed by the results of the pre-construction benthic survey and the construction benthic surveys;

- (b) undertake, within twelve months of completion of the licensed activities, a full sea floor coverage swath-bathymetry survey that meets the requirements of MGN654 and its annexes, and side scan sonar, of the area(s) within the Order limits in which construction works were carried out to assess any changes in bedform topography and such further monitoring or assessment as may be agreed to ensure that cables (including fibre optic cables) have been buried or protected;
- (c) undertake any monitoring required by the SIP submitted in accordance with condition 14;
- (d) undertake post-construction traffic monitoring in accordance with the outline vessel traffic monitoring plan, including the provision of reports on the results of that monitoring by automatic identification system to the MMO, the MCA and Trinity House; and
- (e) undertake any marine mammal monitoring referred to in the marine mammal mitigation protocol submitted in accordance with condition 13(1)(g);

(4) The undertaker must carry out the surveys agreed under sub-paragraph (1) and provide the agreed reports to the MMO in the agreed format in accordance with the agreed timetable, unless otherwise agreed in writing with the MMO in consultation with the relevant statutory nature conservation bodies.

(5) In the event that the reports provided to the MMO under sub-paragraph (4) identify a need for additional monitoring, the requirement for any additional monitoring will be agreed with the MMO in writing and implemented as agreed.

### **Reporting of scour and cable protection**

21.—(1) No more than four months following completion of the construction of the authorised scheme, the undertaker must provide the MMO and the relevant statutory nature conservation bodies with a report setting out details of the cable protection and scour protection used for the authorised scheme.

(2) The report must include the following information—

- (a) the location of cable protection and scour protection;
- (b) the volume of cable protection and scour protection; and
- (c) any other information relating to the cable protection and scour protection as agreed between the MMO and the undertaker.

(3) Where any cable protection or scour protection is replenished following completion of construction the undertaker must submit an updated report in accordance with sub-paragraph (2) in writing to the MMO and the relevant statutory nature conservation bodies no more than four months following completion of the relevant replenishment being deposited.

### **Completion of construction**

22.—(1) The undertaker must submit a close out report to the MMO, the MCA, Trinity House, UKHO and the relevant statutory nature conservation body within three months of the date of completion of construction. The close out report must confirm the date of completion of construction and must include the following details—

- (a) As built plans;
- (b) Latitude and longitude co-ordinates of the centre point of the location for each offshore ~~electrical installation~~ converter platform, provided as Geographical Information System data referenced to WGS84 datum; and
- (c) latitude and longitude co-ordinates of the export cables, provided as Geographical Information System data referenced to WGS84 datum.

(2) Following completion of construction, no further construction activities can be undertaken under this deemed marine licence.

## Collaboration

23.—(1) Prior to submission of plans and documentation required to be submitted to the MMO for approval in accordance with conditions 14 and 15, the undertaker must provide a copy of the relevant plans and documentation to DBSWL to enable DBSWL to provide any comments on the plans and documentation to the undertaker.

(2) The plans and documentation submitted to the MMO for approval in accordance with conditions 14 and 15 must be accompanied by any comments received by the undertaker from DBSWL in accordance with sub-paragraph (1) or a statement from the undertaker confirming that no such comments were received.

## Seasonal Restriction

~~24.—The undertaker must not carry out any piling activities within the electrical switching platform search area within the restricted period.~~

~~(2) For the purpose of this condition—~~

~~“electrical switching platform search area” means the area shown on the works plans for Work Nos. 6A and 6B; and~~

~~“restricted period” means the period between 1 August and 31 March inclusive.~~

## Reporting of impact pile driving

~~25.24.~~—(1) Only when driven or part-driven pile foundations are proposed to be used as part of the foundation installation the undertaker must provide the following information to the Marine Noise Registry—

- (a) prior to the commencement of each phase of construction of the licensed activities, information on the expected location, start and end dates of impact pile driving to satisfy the Marine Noise Registry’s Forward Look requirements;
- (b) at six-month intervals following the commencement of pile driving or by 25 March for works which take place in the preceding year January to December (whichever is earlier), information on the locations and dates of impact pile driving to satisfy the Marine Noise Registry’s Close Out requirements; and
- (c) within 12 weeks of completion of impact pile driving or by 25 March for works which take place in the preceding year January to December (whichever is earlier), information on the locations and dates of impact pile driving to satisfy the Marine Noise Registry’s Close Out requirements.

(2) The undertaker must notify the MMO in writing of the successful submission of Forward Look or Close Out data pursuant to paragraph (1) above within seven days of the submission.

(3) For the purpose of this condition, “Forward Look” and “Close Out” mean the requirements as set out in the UK Marine Noise Registry Information Document Version 1 (July 2015) as amended, updated, or superseded from time to time.

## Maintenance reporting

~~26.25.~~—(1) An annual maintenance report must be submitted to the MMO in writing within one month following the first anniversary of the date of commencement of operations, and every year thereafter until the permanent cessation of operation.

(2) The report must provide a record of the licensed activities undertaken as set out in condition 5 during the preceding year, the timing of activities and methodologies used.

(3) Every fifth year, the undertaker must submit to the MMO in writing, within one month of that date, a consolidated maintenance report, which will—

- (a) include a review of licensed activities undertaken during the preceding five years with reference to the reports submitted in accordance with condition ~~26.25~~ (1) of this licence.

- (b) reconfirm the applicability of the methodologies and frequencies of the licensable activities permitted by this licence for the remaining duration of this licence.

### **Sediment Sampling**

~~27-26~~.—(1) The undertaker must submit a sample plan request in writing to the MMO for written approval of a sample plan.

(2) The sample plan request must be made—

- (a) for capital dredging, at least six months prior to the commencement of any capital dredging; or
- (b) for maintenance dredging, at least six months prior to the end of every third year from the date of the previous sediment sample analysis.

(3) The sample plan request must include details of—

- (a) the volume of material to be dredged;
- (b) the location of the area to be dredged;
- (c) details of the material type proposed for dredging;
- (d) the type and dredging methodology (including whether it is a capital or maintenance dredge, depth of material to be dredged and proposed programme for the dredging activities); and
- (e) the location and depth of any supporting samples.

(4) Unless otherwise agreed by the MMO, the undertaker must undertake the sampling in accordance with the approved sample plan.

## **SCHEDULE 13**

Article 35

### **Deemed Marine Licence 4: DBS West Project Offshore Transmission – Work Nos. 2B, 3B, ~~6B~~, 7B and 8B**

#### **PART 1**

##### **Licensed marine activities**

#### **Interpretation**

1.—(1) In this deemed marine licence—

“the 2004 Act” means the Energy Act 2004;

“the 2008 Act” means the Planning Act 2008;

“the 2009 Act” means the Marine and Coastal Access Act 2009;

“the 2017 Regulations” means the Conservation of Offshore Marine Habitats and Species Regulations 2017;

“Annex I subtidal habitat” means a subtidal habitat of a type listed in Annex I to Council Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora;

“authorised deposits” means the substances and articles specified in paragraph 4 of Part 1 of this deemed marine licence;

“authorised scheme” means Work Nos. 2B, 3B, ~~6B~~, 7B and 8B and the further associated development described in paragraph 3 of Part 1 of this deemed marine licence or any part of that work or development;

“buoy” means any floating device used for navigational purposes or measurement purposes including LiDAR buoys, wave buoys and guard buoys;

“cable” means any offshore cable and includes direct-lay cables and cables laid in cable ducts and further includes fibre optic and other communications cables either within the cable or laid alongside;

“cable crossing” means the crossing of existing subsea cables and pipelines by the array, inter-platform or export cables authorised by the Order and forming part of the authorised scheme together with physical protection measures including cable protection;

“cable protection” means measures to protect cables forming part of the authorised scheme from physical damage and exposure due to loss of seabed sediment including, but not limited to, rock placement, concrete mattresses with or without frond devices, protective aprons or coverings, bagged solutions filled with sand, rock, grout or other materials and protective shells;

“cable statement” means the document certified by the Secretary of State as the cable statement for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“commence” means the first carrying out of any licensed marine activities authorised by this deemed marine licence, save for pre-construction monitoring surveys approved under this deemed marine licence, and “commenced” and “commencement” must be construed accordingly;

“condition” means a condition in Part 2 of this licence;

“Defence Infrastructure Organisation Safeguarding” means Ministry of Defence Safeguarding, Defence Infrastructure Organisation, Kingston Road, Sutton Coldfield, West Midlands, B75 7RL and any successor body to its functions;

“DBS East” means the Dogger Bank South East Offshore Wind Farm;

“DBS East Project” means the DBS East Project offshore works and the DBS East Project onshore works;

“DBS East Project offshore works” means Work Nos. 1A to 9A and any other authorised development associated with those works;

“DBS East Project onshore works” means Work Nos. 10A to 34A and any other authorised development associated with those works;

“DBSWL” means RWE Renewables UK Dogger Bank South (West) Limited, company number 13656525, whose registered office is Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire, England, SN5 6PB;

“DBS West Project” means the DBS West Project onshore works and the DBS West Project offshore works;

“DBS West offshore works” means Work Nos. 1B to 9B and any authorised development associated with those works;

“DBS West Project onshore works” means Work Nos. 10B to 34B and any other authorised development associated with those works;

“Dogger Bank SAC” means the site designated as the Dogger Bank Special Area of Conservation;

“Dropped Object Procedure Form” means the MMO notification proforma with reference MLDIR1 for reporting the loss or dumping of synthetic materials and other refuse at sea or any other format advised in writing by the MMO;

“environmental statement” means the document certified by the Secretary of State as the environmental statement for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

~~“gravity base structure foundation” means a structure principally of steel, concrete, or steel and concrete which rests on the seabed either due to its own weight with or without added ballast, skirts or other additional fixings, and associated equipment including scour protection, J-tubes, corrosion protection systems, access platforms and equipment and separate topside connection structures or integrated transition pieces;~~



“habitats of principal importance” “means a habitat designated as being of principal importance in accordance with section 41 (biodiversity lists and action (England)) of the Natural Environment and Rural Communities Act 2006;

“HAT” means highest astronomical tide;

“HVAC” means high voltage alternating current;

“array cable” means a cable linking the wind turbine generators to each other and to the offshore ~~electrical installations~~[converter platforms](#);

“in principle monitoring plan” means the document certified by the Secretary of State as the in principle monitoring plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation” means the document certified by the Secretary of State as the in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“inter-platform cable” means a cable linking the offshore ~~electrical installations~~[converter platforms](#);

“intrusive activities” means activities including anchoring of vessels, jacking up of vessels, temporary deposits and temporary wet storage areas;

“jacket foundation” means a lattice type structure constructed of steel which is fixed to the seabed at 3 or more points with steel pin piles and associated equipment including scour protection, J-tubes, corrosion protection systems and access platforms;

“JNCC Guidance” means the statutory nature conservation body ‘Guidance for assessing the significance of noise disturbance against Conservation Objectives of harbour porpoise SACs’ Joint Nature Conservation Committee Report No.654, May 2020 published in June 2020 as amended, updated or superseded from time to time;

“LAT” means lowest astronomical tide;

“maintain” includes inspect, upkeep, repair, adjust, alter, remove, reconstruct and replace (including replenishment of cable protection), but does not include the removal, reconstruction or replacement of foundations associated with the authorised scheme, to the extent assessed in the environmental statement; and “maintenance” must be construed accordingly;

“Marine Management Organisation” means the body created under the 2009 Act which is responsible for the regulation of this deemed marine licence or any successor of that function and “MMO” shall be construed accordingly;

“Marine Noise Registry” means the database developed and maintained by JNCC on behalf of Defra to record the spatial and temporal distribution of impulsive noise generating activities in UK seas;

“MCA” means the Maritime and Coastguard Agency, the executive agency of the Department for Transport;

“MCMS” means the Marine Case Management System web portal provided and operated by the MMO;

“MHWS” or “mean high water springs” means the highest level that spring tides reach on average over a period of time;

“MLWS” or “mean low water springs” means the lowest level that spring tides reach on average over a period of time;

“monopile foundation” means a steel pile driven or drilled into the seabed and associated equipment including scour protection, J-tubes, corrosion protection systems and access platforms and equipment;

“offshore order limits and grid coordinates plan” means the plan certified by the Secretary of State as the offshore order limits and grid coordinates plan for the purposes of the Order under

article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

~~“offshore collector platform” means an offshore collector platform with equipment to collect the HVAC power generated at the wind turbine generators, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity generated at the wind turbine generators to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, substation auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;~~

“offshore converter platform” means an offshore converter platform with equipment to convert the HVAC power generated at the wind turbine generators into HVDC power, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity generated at the wind turbine generators to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, substation auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;

~~“offshore electrical platform” means an offshore collector platform, an offshore converter platform and/or an offshore switching platform;~~

~~“offshore switching platform” means an offshore switching platform with equipment to facilitate and alter the inter-connection and onward transmission of power from two or more power transmission systems originating, being a structure above LAT and attached to the seabed by means of a foundation, with one or more decks and open with modular equipment or fully clad and may include a helicopter platform, containing electrical equipment required to switch, transform, convert electricity to a higher voltage and provide reactive power compensation, including but not limited to high voltage power transformers, high voltage switchgear and busbars, auxiliary systems and low voltage distribution, instrumentation, metering equipment and control systems, standby generators, shunt reactors, auxiliary and uninterruptible power supply systems, facilities to support operations and maintenance;~~

“Order” means The Dogger Bank South East and West Offshore Wind Farms Order 20[ ];

“Order limits” means the limits shown on the offshore order limits and grid coordinates plans within which the authorised scheme may be carried out and the grid coordinates for Work Nos. 2B, 3B, 5B, ~~6B~~, 7B and 8B are set out in paragraph 5 of Part 1 of this deemed marine licence;

“outline fisheries liaison and co-existence plan” means the document certified by the Secretary of State as the outline fisheries liaison and co-existence plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline marine mammal mitigation protocol” means the document certified by the Secretary of State as the outline marine mammal mitigation protocol for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline offshore operations and maintenance plan” means the document certified by the Secretary of State as the outline offshore operations and maintenance plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline project environmental management plan” means the document certified by the Secretary of State as the outline project environmental management plan for the purposes of

the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline scour protection plan” means the document certified by the Secretary of State as the outline scour protection plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified) ;

“outline vessel traffic monitoring plan” means the document certified by the Secretary of State as the outline vessel traffic monitoring plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline written scheme of investigation (offshore)” means the document certified by the Secretary of State as the outline written scheme of investigation (offshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“scour protection” means measures to prevent loss of seabed sediment around any structure placed in or on the seabed including by the use of bagged solutions, filled with grout or other materials, protective aprons, mattresses with or without frond devices, flow energy dissipation devices and rock and gravel placement;

“statutory historic body” means Historic England or its successor in function;

“statutory nature conservation body” means a statutory nature conservation body, being the appropriate nature conservation body as defined in Regulation 5 of the Conservation of Habitats and Species Regulations 2017(a) or its equivalent in the Conservation of Offshore Marine Habitats and Species Regulations 2017(b);

“transition piece” means a metal structure attached to the top of a foundation where the base of a wind turbine generator is connected and includes additional equipment such as J-tubes, corrosion protection systems, boat access systems, access platforms, craneage, electrical transmission equipment and associated equipment;

“Trinity House” means the Corporation of Trinity House of Deptford Strond;

“UKHO” means the United Kingdom Hydrographic Office of Admiralty Way, Taunton, Somerset, TA1 2DN;

“undertaker” means DBSWL;

“VHF” means very high frequency;

“vessel” means every description of vessel, however propelled or moved, and includes a non-displacement craft, a personal watercraft, a seaplane on the surface of the water, a hydrofoil vessel, a hovercraft or any other amphibious vehicle and any other thing constructed or adapted for movement through, in, on or over water and which is at the time in, on or over water;

“wind turbine generator” means a structure comprising a tower, a rotor with three blades connected at the hub, a nacelle and ancillary electrical and other equipment which may include J-tubes, transition piece, access and rest platforms, access ladders, boat access systems, corrosion protection systems, fenders and maintenance equipment, helicopter landing facilities and other associated equipment, fixed to a foundation;

“works plans” means the works plans (offshore) and the works plans (onshore);

“works plans (offshore)” means the plans certified by the Secretary of State as the works plans (offshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified); and

“works plans (onshore)” means the plans certified by the Secretary of State as the works plans (onshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified).

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(a) S.I. 2017/1012

(b) S.I. 2017/1013

(2) In this deemed marine licence, a reference to any statute, order, regulation or similar instrument is a reference to a statute, order, regulation or instrument as amended by any subsequent statute, order, regulation or instrument or as contained in any subsequent re-enactment.

(3) In this deemed marine licence, unless otherwise indicated—

- (a) all times are Greenwich Mean Time (“GMT”);
- (b) all coordinates are latitude and longitude degrees and minutes to two decimal places.

(4) Unless otherwise stated or agreed with the MMO, all submissions, notifications and communications must be sent by the undertaker to the MMO using MCMS. Except where otherwise notified in writing by the relevant organisation, the addresses for correspondence for the purposes of this deemed marine licence are—

- (a) Historic England  
Brooklands  
37 Tanner Road  
York  
YO1 6WP
- (b) Marine Management Organisation  
Marine Licensing Team  
Lancaster House  
Hampshire Court  
Newcastle upon Tyne  
NE4 7YH  
Tel: 0300 123 1032
- (c) Marine Management Organisation (local office)  
Room 13, Ground Floor  
Crosskill House  
Mill Lane  
Beverley  
HU17 9JB  
Tel: 0208 026 0519
- (d) Maritime and Coastguard Agency  
Navigation Safety Branch  
Bay 2/20, Spring Place  
105 Commercial Road  
Southampton  
SO15 1EG  
Tel: 020 3817 2433
- (e) Natural England  
4<sup>th</sup> Floor  
Foss House  
1-2 Peasholme Green  
York  
YO1 7PX  
Tel: 0300 060 4911
- (f) Trinity House

Tower Hill  
London  
EC3N 4DH  
Tel: 020 7481 6900

- (g) United Kingdom Hydrographic Office  
Admiralty Way  
Taunton  
Somerset  
TA1 2DN  
Tel: 01823 337 900

(5) Unless otherwise advised in writing by the MMO, the address for electronic communication with the MMO for the purposes of this licence is [marine.consents@marinemanagement.org.uk](mailto:marine.consents@marinemanagement.org.uk), or where contact to the Local Office of the MMO is required, [beverly@marinemanagement.org.uk](mailto:beverly@marinemanagement.org.uk).

### Details of licensed marine activities

2. Subject to the conditions this deemed marine licence authorises the undertaker (and any agent or contractor acting on their behalf) to carry out the following licensable marine activities under section 66(1) (licensable marine activities) of the 2009 Act—

- (a) the deposit at sea within the Order limits seaward of MHWS of the substances and objects specified in paragraph 4 below and, when combined with the disposal authorised within the array area disposal site by the deemed marine licence granted under Schedule 11 of the Order, of up to 29,477,915,330.003 cubic metres (being a maximum, not an approximate upper figure) of inert material of natural origin produced during construction drilling or seabed preparation for foundation works, cable works and boulder clearance works at disposal site references to be provided to the MMO within the array area disposal site;
- (b) the construction of works in or over the sea or on or under the sea bed;
- (c) dredging for the purposes of seabed preparation for foundation works or cable works;
- (d) the removal of sediment samples for the purposes of informing environmental monitoring under this deemed marine licence during pre-construction, construction and operation;
- (e) boulder clearance works by displacement ploughing or subsea grab technique or any other comparable method;
- (f) removal of static fishing equipment; and
- (g) site preparation works.

3. Such activities are authorised in relation to the construction, maintenance and operation of—

*Work No. 2B—*

- (a) up to ~~three~~one offshore ~~electrical platforms~~converter platform fixed to the seabed by jacket or monopile foundations within the area shown on the works plans;
- (b) a network of subsea inter-platform cabling within the area shown on the works plans, including cable crossings and cable protection;

*Work No. 3B—*

- (a) up to two HVDC subsea export cables between Work Nos. 2B and 8B along routes within the area shown on the works plans including cable crossings and cable protection;
- (b) up to one cable for the transmission of fibre optic communications laid between Work Nos. 2B and 8B consisting of cables along routes within the area shown on the works plans including cable crossings and cable protection;

- (c) up to three temporary pits for trenchless cable installation at landfall seaward of MLWS and up to three additional temporary pits for trenchless cable installation at landfall seaward of MLWS for the DBS East Project within the area shown on the works plans;
- (d) installation of up to three landfall cable ducts (if required) and up to three additional landfall cable ducts (if required) for the DBS East Project within the area shown on the works plans;
- (e) installation of up to three cable duct extensions from below LAT to any temporary pits created for trenchless cable installation situated above MLWS and up to three additional landfall cable ducts (if required) for the DBS East Project from below LAT to any temporary pits created for trenchless cable installation situated above MLWS;

*Work No. 6B—*

~~Up to one electrical switching platform connected to the electrical system and fixed to the seabed by gravity base, jacket or monopile foundations, within the area shown on the works plans;~~

Not used;

*Work No. 7B—*

A temporary work area associated with Work Nos. 1B to ~~6B~~5B for vessels to carry out intrusive activities and non-intrusive activities alongside Work Nos. 1B to 7B;

In connection with such Work Nos. 2B, 3B, ~~6B~~ and 7B and to the extent that they do not otherwise form part of any such work, further associated development comprising such other works as may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised scheme and which fall within the scope of the work assessed by the environmental statement and the provisions of this licence, including:

- (a) scour protection around the foundations of the offshore structures;
- (b) cable protection measures such as the placement of rock and/or concrete mattresses, with or without frond devices;
- (c) the removal of material from the seabed required for the construction of Work Nos. 2B, 3B, ~~5B~~ and ~~6B~~5B and the disposal of inert material of natural origin within the Order limits produced during construction drilling, seabed preparation for foundation works, cable installation preparation such as sandwave clearance, boulder clearance and pre-trenching and excavation of trenchless crossing exit pits;
- (d) removal of static fishing equipment;
- (e) temporary landing places, moorings or other means of accommodating vessels in the construction or maintenance of the authorised scheme;
- (f) disposal of drill arisings in connection with any foundation drilling up to a total of 2,815 cubic metres;
- (g) creation and use of temporary laydown areas, use of cable lay vessel anchors;
- (h) lighting.

*Work No. 8B—*

- (a) Installation of up to two HVDC subsea export cables and up to one cable for the transmission of fibre optic communications within up to three landfall cable ducts (if required) between Work No. 3B and Work No. 12B and up to three landfall cable ducts (if required) for the DBS East Project between Work No. 3A and Work No. 12A;
- (b) trenchless cable installation;
- ~~(c) creation of up to three temporary pits for trenchless installation techniques seaward of MHWS and up to three additional temporary pits for trenchless installation techniques seaward of MHWS for the DBS East Project;~~
- ~~(d) cable trenching works;~~

~~(e) installation of up to three cable duct extensions from MLWS to any temporary pits created for trenchless installation situated between MHWS and MLWS, up to three additional cable duct extensions (if required) for the DBS East Project from MLWS to any temporary pits created for trenchless cable installation situated between MHWS and MLWS;~~

~~(c)~~ temporary construction working areas [for emergency works](#); and

~~(d)~~ ~~cable installation~~ vessel anchoring [for emergency works](#).

4. The substances and objects authorised for deposit at sea are—

- (a) iron, steel, copper and aluminium;
- (b) stone and rock;
- (c) concrete and grout;
- (d) sand and gravel;
- (e) cement bound sand;
- (f) natural soils;
- (g) plastic and synthetic material;
- (h) drilling fluid;
- (i) material extracted from within the Order limits during construction drilling or seabed preparation for foundation works and cable installation preparation works;
- (j) weights used for the calibration of vessels, consisting of a hessian sack, metal shackles or chains; and
- (k) marine coatings, other chemicals and timber.

5. The grid coordinates for that part of the authorised scheme comprising Work Nos. 2B, 3B, ~~6B~~, 7B and 8B are specified below—

Point ID	Latitude (DMS)	Longitude (DMS)
1	53° 59.6364' N	0° 12.40874' W
2	53° 59.82784' N	0° 11.50751' W
3	53° 59.84021' N	0° 9.78718' W
4	54° 0.1033' N	0° 8.05888' W
5	54° 0.45563' N	0° 6.57895' W
6	54° 1.88431' N	0° 3.05262' W
7	54° 3.14098' N	0° 0.70959' E
8	54° 3.77637' N	0° 2.53092' E
9	54° 4.14562' N	0° 3.45918' E
10	54° 4.27659' N	0° 4.42011' E
11	54° 4.31082' N	0° 5.04613' E
12	54° 8.77722' N	0° 14.26259' E
13	54° 16.03855' N	0° 31.60943' E
14	54° 16.33488' N	0° 32.15475' E
15	54° 18.43135' N	0° 36.31356' E
16	54° 19.52715' N	0° 37.41854' E
17	54° 25.52646' N	0° 46.47839' E
18	54° 29.17866' N	0° 55.21543' E
19	54° 35.2432' N	1° 15.59582' E
20	54° 41.97912' N	1° 19.18481' E
21	54° 42.68808' N	1° 19.11958' E
22	54° 42.89576' N	1° 19.19192' E
23	54° 43.00532' N	1° 19.2987' E

24	54° 43.10223' N	1° 19.45603' E
25	54° 44.18515' N	1° 21.7125' E
26	54° 44.28093' N	1° 22.03856' E
27	<i>54° 44.30046' N</i>	<i>1° 22.32068' E</i>
28	<i>54° 44.26468' N</i>	<i>1° 22.62418' E</i>
29	54° 39.02878' N	1° 44.92686' E
30	54° 38.84907' N	1° 45.31024' E
31	54° 38.57165' N	1° 45.4825' E
32	<i>54° 36.48108' N</i>	<i>1° 44.38088' E</i>
33	54° 36.3193' N	1° 44.24208' E
34	54° 36.19975' N	1° 44.03507' E
35	54° 31.81809' N	1° 33.61066' E
36	54° 31.68029' N	1° 33.16936' E
37	54° 31.68491' N	1° 32.6914' E
38	54° 33.7017' N	1° 20.55955' E
39	54° 33.84869' N	1° 20.16118' E
40	54° 34.09052' N	1° 19.9387' E
41	54° 34.54334' N	1° 17.32206' E
42	54° 28.99427' N	0° 58.64713' E
43	54° 28.15029' N	0° 55.92687' E
44	54° 24.70977' N	0° 47.69726' E
45	54° 18.87875' N	0° 38.89895' E
46	54° 17.72124' N	0° 37.72511' E
47	54° 15.53155' N	0° 33.38368' E
48	54° 15.19324' N	0° 32.75337' E
49	54° 13.67671' N	0° 29.11575' E
50	54° 12.45423' N	0° 27.88505' E
51	54° 12.33295' N	0° 27.60465' E
52	54° 11.97431' N	0° 25.0371' E
53	54° 7.92055' N	0° 15.37852' E
54	54° 3.30272' N	0° 5.84501' E
55	54° 3.26167' N	0° 5.6635' E
56	54° 3.21017' N	0° 4.70318' E
57	54° 3.15199' N	0° 4.23063' E
58	54° 2.86151' N	0° 3.50109' E
59	54° 2.20927' N	0° 1.63117' E
60	54° 0.96981' N	0° 2.08082' W
61	53° 59.50126' N	0° 5.71047' W
62	53° 58.98868' N	0° 7.85689' W
63	53° 58.69884' N	0° 8.79203' W
64	53° 58.4388' N	0° 9.96246' W
65	53° 58.38876' N	0° 11.76128' W

6. This deemed marine licence remains in force until the authorised scheme has been decommissioned in accordance with a programme approved by the Secretary of State under section 106 (approval of decommissioning programmes) of the 2004 Act, including any modification to the programme under section 108, and the completion of such programme has been confirmed by the Secretary of State in writing.

7. The provisions of section 72 (variation, suspension, revocation and transfer) of the 2009 Act apply to this deemed marine licence except that the provisions of section 72(7) and (8) relating to



the transfer of the licence apply only to a transfer not falling within article 5 (benefit of order) of the Order.

8.—(1) With respect to any condition which requires the licensed activities be carried out in accordance with the details, plans or schemes approved under this deemed marine licence, the approved details, plans or schemes are taken to include any amendments that may subsequently be approved in writing by the MMO.

(2) Any amendments to or variations from the approved details, plans or schemes must be in accordance with the principles and assessments set out in the environmental statement and approval of an amendment or variation may only be given where it has been demonstrated to the satisfaction of the MMO that it is unlikely to give rise to any materially new or materially different environmental effects from those assessed in the environmental statement.

9. Should the undertaker become aware that any of the information on which the granting of this deemed marine licence was based was materially false or misleading, the undertaker must notify the MMO of this fact in writing as soon as is reasonably practicable. The undertaker must explain in writing what information was materially false or misleading and must provide to the MMO the correct information.

## PART 2

### Conditions

#### Design parameters

##### *Offshore ~~electrical installation~~ converter platform dimensions*

1.—(1) The total number of offshore electrical installation converter platforms in respect of the authorised scheme must not exceed four, ~~consisting of a combination of no more than:-~~

- (a) ~~Three offshore converter platforms or offshore collector platforms in respect of the authorised scheme; and one offshore switching platform in respect of the authorised scheme.~~

(2) The dimensions of any offshore ~~electrical installation~~ converter platform (excluding helidecks, lightning protection, towers, masts and cranes) must not exceed:—

- (a) 125 metres in length;  
(b) 100 metres in width; or  
(c) 105 metres in height above LAT.

##### *Offshore ~~electrical installation~~ converter platform foundations*

2.—(1) Offshore converter platform foundations must be of one or more of the following foundation options: piled monopile, or piled jacket foundation.

~~(2) Offshore switching platform foundations must be of one or more of the following foundation options: piled monopile, piled jacket, or gravity based foundation. If the offshore switching platform is within the Dogger Bank SAC it must not have a gravity based foundation.~~

~~(3)~~(2) The pile diameter of any offshore ~~electrical installation~~ converter platform piled monopile foundation must not exceed 15 metres.

~~(4)~~(3) Any offshore ~~electrical installation~~ converter platform piled jacket must not:—

- (a) have more than eight legs;  
(b) have more than eight piles; or  
(c) have a pile diameter exceeding 3.8 metres.

~~(5) Any offshore switching converter platform gravity base structure foundation must not:—~~

- ~~(a) have a seabed base plate exceeding 65 metres in diameter; or~~

~~(b) have a gravel footing exceeding 268 metres in diameter.~~

~~(6)~~(4) Any offshore electrical installation foundation must not:—

- (a) have a seabed footprint (including scour protection) exceeding ~~56,410~~5,411 square metres; or
- (b) have a seabed footprint (excluding scour protection) exceeding 3,317 square metres.

~~(7)~~(5) Within Work No. 2B, the offshore converter ~~platforms or offshore collector~~ platforms foundations must not have:—

- (a) A total combined seabed footprint (including scour protection) exceeding ~~16,233~~5,411 square metres; or
- (b) a total combined amount of scour protection exceeding ~~15,702~~5,234 square metres.

~~(8) Within Work No. 6B, the offshore switching platform foundations must not have:—~~

- ~~(a) a total combined seabed footprint (including scour protection) exceeding 56,410 square metres; or~~
- ~~(b) a total combined amount of scour protection exceeding 53,092 square metres.~~

~~(9)~~(6) The total volume of scour protection for offshore ~~electrical installations~~converter platforms in respect of the authorised scheme must not exceed ~~131,150~~9,450 cubic metres.

#### *Cables and cable protection*

3.—(1) Within Work Nos. 3B the offshore export cables must not, in total:—

- (a) exceed 2 in number;
- (b) exceed 306 kilometres in length;
- (c) exceed 24 cable crossings;
- (d) have cable protection (including cable crossings) exceeding 936,074 square metres in area; or
- (e) have cable protection (including cable crossings) exceeding 849,406 cubic metres in volume.

(2) The offshore export cables within Work No. 3B which fall within the Dogger Bank Special Area of Conservation must not have cable protection exceeding 10% of the length of such cables, when combined with the offshore export cables, array cables and inter-platform cables authorised by the deemed marine licences granted under Schedules 11-14 of the Order.

(3) Within the area between MHWS and 350 metres seaward of MLWS, all offshore export cables must be buried, and must not have cable protection.

(4) Any offshore export cables within the area between 350 metres seaward of MLWS and the 10 metre depth contour as measured against LAT (as at the date of commencement of construction of the licensed activities) must not have cable protection exceeding 10% of the length of such cables, when combined with the offshore export cables authorised by the deemed marine licence granted under Schedule 12 of the Order.

(5) Within Work Nos. 2B the inter-platform cables must not, in total:—

- (a) exceed 41 in number;
- (b) exceed ~~129~~23 kilometres in length;
- (c) exceed 21 cable crossings;
- (d) have cable protection (including cable crossings) exceeding ~~217,734~~43,203 square metres in area; or
- (e) have cable protection (including cable crossings) exceeding ~~197,560~~39,207 cubic metres in volume.

## Phases of authorised scheme

4.—(1) The authorised scheme must not commence until an offshore works phasing scheme setting out the phases of construction of the authorised scheme has been submitted to and approved in writing by the MMO.

(2) The authorised scheme must be submitted at least 4 months prior to the proposed commencement of the works.

(3) Any subsequent amendments to the offshore works phasing scheme submitted for approval under sub-paragraph (1) must be submitted to the MMO for approval in writing.

(4) The offshore works phasing scheme submitted for approval under sub-paragraph (1) must be implemented as approved. The approved details shall be taken to include any amendment that may subsequently be approved by the MMO in accordance with sub-paragraph (3).

## Maintenance of the authorised scheme

5.—(1) The undertaker may at any time maintain the authorised scheme, except to the extent that this licence or an agreement made under this licence provides otherwise.

(2) Maintenance works include but are not limited to—

- (a) Routine maintenance of wind turbine generators, offshore ~~electrical installations~~converter platforms, and their respective foundations;
- (b) Major offshore ~~electrical installation~~converter platform replacement;
- (c) Painting and applying other coatings to offshore ~~electrical installations~~converter platforms;
- (d) Bird waste and marine growth removal;
- (e) Surveys/inspections of cables;
- (f) Cable remedial burial;
- (g) Cable protection replenishment;
- (h) Cable repairs and replacement;
- (i) Access ladder and boat landing replacement;
- (j) Offshore ~~electrical installation~~converter platform anode replacement; and
- (k) J-tube repair/replacement.

(3) Operation of the licensed activities must not commence until an offshore operations and maintenance plan substantially in accordance with the outline offshore operations and maintenance plan has been submitted to and approved in writing by the MMO. The operations and maintenance plan must include, but is not limited to—

- (a) a list of maintenance activities within the marine environment that are planned for the lifetime of the licensed activities;
- (b) details of the typical construction plant, machinery and personnel requirements for each maintenance activity and any requirements for detailed method statements;
- (c) details of the typical frequency and timing of each maintenance activity; and
- (d) details of controls and mitigation that will be in place in order to protect the marine environment.

(4) The offshore operations and maintenance plan must be reviewed every three years commencing from the date on which the plan was approved, unless otherwise agreed by the MMO, to ensure the details of the maintenance activities remain accurate. The conclusions of that review must be submitted to and approved by the MMO in writing.

(5) The offshore operations and maintenance plan must be implemented as approved by the MMO.

(6) Unless otherwise agreed in writing with the MMO, the undertaker must submit—

- (a) the first offshore operations and maintenance plan at least 4 months prior to the operation of the licensed activities;
- (b) any revised offshore operations and maintenance plan submitted in accordance with sub-paragraph (4) at least 4 months before such revised plan is required to be put in place; and
- (c) where additional maintenance activities are identified that are not included in the approved offshore operations and maintenance plan, or any revised plan approved in accordance with sub-paragraph (4), an updated offshore operations and maintenance plan including the additional maintenance activities must be submitted to and approved by the MMO in writing as soon as possible after the need for such additional maintenance activities is identified.

### **Extension of time periods**

6. Any time period given in this deemed marine licence to either the undertaker or the MMO may be extended with the agreement of the other party, such agreement not to be unreasonably withheld or delayed.

### **Notifications and inspections**

7.—(1) The undertaker must ensure that—

- (a) a copy of this deemed marine licence (issued as part of the grant of the Order) and any subsequent amendments or revisions to it is provided to—
  - (i) all agents and contractors notified to the MMO in accordance with condition 17;
  - (ii) the masters and transport managers responsible for the vessels notified to the MMO in accordance with condition 17; and
- (b) within 28 days of receipt of a copy of this deemed marine licence and any subsequent amendments or revisions to it, those persons referred to in sub-paragraph (1)(a) must confirm receipt of this deemed marine licence in writing to the MMO.

(2) Only those persons and vessels notified to the MMO in accordance with condition 18 are permitted to carry out the licensed activities.

(3) Copies of this deemed marine licence must also be available for inspection at the following locations—

- (a) the undertaker's registered address;
- (b) any site office located at or adjacent to the construction site and used by the undertaker or its agents and contractors responsible for the loading, transportation or deposit of the authorised deposits; and
- (c) on board each vessel and at the office of any transport manager with responsibility for vessels from which authorised deposits or removals are to be made.

(4) The documents referred to in sub-paragraph (1) must be available for inspection by an authorised enforcement officer at the locations set out in sub-paragraph (3).

(5) The undertaker must provide access, and if necessary appropriate transportation, to the offshore construction site or any other associated works or vessels to facilitate any inspection that the MMO considers necessary to inspect the works during the construction and operation of the authorised scheme.

(6) The undertaker must inform the MMO Local Office in writing at least five days prior to the commencement of the licensed activities or any part of them and within five days of the completion of the licensed activity.

(7) The undertaker must inform the Kingfisher Information Service of Seafish by email to [kingfisher@seafish.co.uk](mailto:kingfisher@seafish.co.uk) of details of the vessel routes, timings and locations relating to the construction of the authorised scheme or relevant part—

- (a) at least fourteen days prior to the commencement of offshore activities, for inclusion in the Kingfisher Fortnightly Bulletin and offshore hazard awareness data;

(b) on completion of construction of the authorised scheme, and confirmation of notification must be provided to the MMO within five days.

(8) The undertaker must ensure that a local notification to mariners is issued at least 14 days prior to the commencement of the authorised scheme or any part thereof advising of the start date of each of Work Nos. 2B, 3B, ~~6B~~, 7B and 8B and the expected vessel routes from the construction ports to the relevant location. Copies of all notices must be provided to the MMO, MCA and UKHO within five days.

(9) The undertaker must ensure that local notifications to mariners are updated and reissued at weekly intervals during construction activities and at least five days before any planned operations (or otherwise agreed) and maintenance works and supplemented with VHF radio broadcasts agreed with the MCA in accordance with the construction programme and monitoring plan approved under condition 13(1)(b). Copies of all notices must be provided to the MMO and UKHO within five days.

(10) The undertaker must notify UKHO of the commencement (within fourteen days), progress and completion of construction (within fourteen days) of the licensed activities in order that all necessary amendments to nautical and aeronautical charts are made and the undertaker must send a copy of such notifications to the MMO within five days of the notification.

(11) In case of damage to, or destruction or decay of, the authorised scheme or any part thereof, excluding the exposure of cables, the undertaker must as soon as reasonably practicable and no later than 24 hours following the undertaker becoming aware of any such damage, destruction or decay, notify the MMO, the MMO Local Office, MCA, Trinity House, the Kingfisher Information Service of Seafish and UKHO.

(12) In case of the exposure of cables on or above the seabed, the undertaker must within three days following identification of a potential cable exposure, notify mariners and inform the Kingfisher Information Service of Seafish of the location and extent of exposure. Copies of all notices must be provided to the MMO, MCA, Trinity House, and UKHO within five days.

(13) The undertaker must notify the MMO in writing a minimum of five days in advance of the commencement of each discrete incident of cable repair, replacement, or protection replenishment activity. Such a notification must include proposed timings and a description of proposed methodologies.

(14) The undertaker must ensure that the MMO, the MMO Local Office, local mariners, local fishermen's organisations and the Source Data Receipt Team at the UK Hydrographic Office, Taunton, Somerset, TA1 2DN sdr@ukho.gov.uk are notified within five days of completion of each instance of cable repair, replacement or protection replenishment activity.

### **Aids to navigation**

**8.—**(1) The undertaker must during the whole of the period from commencement of construction of the authorised scheme to completion of decommissioning of the authorised scheme exhibit such lights, marks, sounds, signals and other aids to navigation, and take such other steps for the prevention of danger to navigation, as Trinity House may from time to time direct.

(2) The undertaker must during the period from commencement of construction of the authorised scheme to completion of decommissioning of the authorised scheme keep Trinity House and the MMO informed of progress of the authorised scheme including—

- (a) notice of commencement of construction of the authorised scheme within 24 hours of commencement having occurred;
- (b) notice within 24 hours of any aids to navigation being established by the undertaker; and
- (c) notice within five days of completion of construction of the authorised scheme.

(3) The undertaker must provide reports to Trinity House on the availability of aids to navigation in accordance with the frequencies set out in the aids to navigation management plan agreed pursuant to condition 13(1)(f) using the reporting system provided by Trinity House.

(4) The undertaker must during the period from commencement of the licensed activities to completion of decommissioning of the authorised scheme notify Trinity House and the MMO of

any failure of the aids to navigation, and the timescales and plans for remedying such failures, as soon as possible and no later than 24 hours following the undertaker becoming aware of any such failure.

(5) In the event that the provisions of condition 7(11) or condition 7(12) are invoked, the undertaker must lay down such buoys, exhibit such lights and take such other steps for preventing danger to navigation as directed by Trinity House.

### **Colouring of Structures**

9. The undertaker must paint all structures forming part of the authorised scheme yellow (colour code RAL 1023) from at least HAT to the height agreed in writing with Trinity House. The undertaker must paint the remainder of the structures grey (colour code RAL 7035). Requests to change the colouring of the structure must be submitted to the MMO in writing and must not be undertaken unless approved in writing by the MMO.

### **Aviation safety**

10.—(1) The undertaker must exhibit such lights, with such shape, colour and character as are required in writing by the Air Navigation Order 2016<sup>(a)</sup> and determined necessary for aviation safety in consultation with the Defence Infrastructure Organisation Safeguarding and as directed by the Civil Aviation Authority.

(2) The undertaker must notify the Defence Infrastructure Organisation Safeguarding, the Civil Aviation Authority and the MMO, at least 14 days prior to the commencement of the authorised scheme, in writing of the following information—

- (a) the date of the commencement of construction of the authorised scheme;
- (b) the date any wind turbine generators are to be installed;
- (c) the maximum height of any construction equipment or vessels to be used;
- (d) the maximum height of each wind turbine generator to be constructed;
- (e) the latitude and longitude of each wind turbine generator to be constructed;

and the Defence Infrastructure Organisation Safeguarding and the Civil Aviation Authority must be notified of any changes to the information supplied under this paragraph and of the completion of the construction of the authorised scheme. Copies of notifications must be provided to the MMO within 5 days.

### **Chemicals, drilling and debris**

11.—(1) Unless otherwise agreed in writing by the MMO, the carriage and use of chemicals in the construction of the authorised scheme must comply with the International Convention for the Prevention of Pollution from Ships 1973 as modified by the Protocol of 1978 relating thereto and by the Protocol of 1997.

(2) The undertaker must ensure that any coatings and treatments are suitable for use in the marine environment and are used in accordance with guidelines approved by the Health and Safety Executive and the Environment Agency Pollution Prevention Control Guidelines.

(3) The storage, handling, transport and use of fuels, lubricants, chemicals and other substances must be undertaken to prevent releases into the marine environment, including bunding of 110 percent of the total volume of all reservoirs and containers.

(4) The undertaker must inform the MMO in writing of the location and quantities of material disposed of each month under this deemed marine licence by submission of a disposal return by 15 February each year for the months August to January inclusive, and by 15 August each year for the months February to July inclusive and must provide a null return if no activity has taken place during the reporting period.

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(a) S.I. 2016/765.

(5) The undertaker must ensure that only inert material of natural origin, produced during pre-sweeping sandwave clearance where relevant, the drilling installation of or seabed preparation for foundations, and drilling mud is disposed of within the Order limits seaward of MHWS.

(6) The undertaker must ensure that any rock material used in the construction of the authorised scheme is from a recognised source, free from contaminants and containing minimal fines.

(7) In the event that any rock material used in the construction of the authorised scheme is misplaced or lost below MHWS, the undertaker must report the loss in writing to the local enforcement office within 24 hours and if the MMO, in consultation with the MCA and Trinity House, reasonably considers such material to constitute a navigation or environmental hazard (dependent on the size and nature of the material) the undertaker must, in that event, demonstrate to the MMO that reasonable attempts have been made to locate, remove or move any such material.

(8) The undertaker must ensure that no waste concrete slurry or wash water from concrete or cement works are discharged into the marine environment. Concrete and cement mixing and washing areas must be contained to prevent run off entering the water through the freeing ports.

(9) The undertaker must ensure that any oil, fuel or chemical spill within the marine environment is reported to the MMO Marine Pollution Response Team in accordance with the marine pollution contingency plan agreed under condition 13(1)(d)(i).

(10) All dropped objects must be reported to the MMO using the Dropped Object Procedure Form as soon as reasonably practicable and in any event within 24 hours of the undertaker becoming aware of an incident. On receipt of the Dropped Object Procedure Form the MMO may require relevant surveys to be carried out by the undertaker (such as side scan sonar) if reasonable to do so and the MMO may require obstructions to be removed from the seabed at the undertaker's expense if reasonable to do so.

### **Force majeure**

12. If, due to stress of weather or any other cause, the master of a vessel determines that it is necessary to deposit the authorised deposits within or outside of the Order limits because the safety of human life or of the vessel is threatened, within 48 hours the undertaker must notify full details of the circumstances of the deposit to the MMO.

### **Pre-construction plans and documentation**

13.—(1) The licensed activities or any phase of those activities must not commence until the following (insofar as relevant to that activity or phase of activity) have been submitted to and approved in writing by the MMO, in consultation with Trinity House, the MCA, the relevant statutory nature conservation body and UKHO as appropriate—

- (a) a layout plan setting out proposed details of the authorised scheme, including the:
  - (i) number, dimensions, specification, foundation type(s) and depth for each offshore converter platform ~~and offshore switching platform;~~
  - (ii) the grid coordinates of the centre point of the proposed location for each wind turbine generator, ~~offshore converter platform~~ and offshore ~~switching~~ converter platform;
  - (iii) proposed layout of all cables;
  - (iv) location and specification of all other aspects of the authorised scheme; and
  - (v) any exclusion zones or micro-siting requirements identified pursuant to 13(1)(e)(iv) or relating to any habitats of principal importance, Annex I subtidal habitat or surficial deposits of glacial till identified as part of surveys undertaken in accordance with condition 18;

to ensure conformity with the description of Work Nos. 2B, 3B, ~~6B~~, 7B and 8B and compliance with conditions 1 to 3;

- (b) a construction programme and monitoring plan (which accords with the in principle monitoring plan) which, save in respect information submitted pursuant to sub-paragraph (b)(iii)(aa), is to be submitted to the MMO at least six months prior to commencement of licensed activities and to include details of—
  - (i) the proposed construction start date;
  - (ii) proposed timings for mobilisation of plant, delivery of materials and installation works;
  - (iii) proposed pre-construction surveys, baseline report format and content, construction monitoring, post-construction surveys and monitoring and related reporting in accordance with conditions 18, 19 and 20 to be submitted to the MMO in accordance with the following (unless otherwise agreed in writing with the MMO)—
    - (aa) at least four months prior to the first survey, detail of the pre-construction surveys and an outline of all proposed pre-construction monitoring;
    - (bb) at least four months prior to construction, detail on construction monitoring; and
    - (cc) at least four months prior to commissioning, detail of post-construction (and operational) monitoring;
  - (iv) an indicative written construction programme for all offshore converter platforms and cables including fibre optic cables comprised in the works at Part 1 (licensed marine activities) of this Schedule (insofar as not shown in paragraph (ii) above); and
  - (v) a monitoring plan setting out the circumstances in which monitoring will be required and the monitoring to be carried out in such circumstances;
- (c) a construction method statement (in accordance with the cable statement), including details of—
  - (i) cable burial, specification, installation and monitoring to include—
    - (aa) the technical specification of cables below MHWS;
    - (bb) a detailed cable laying plan for the authorised scheme, incorporating a detailed burial risk assessment encompassing the identification of any cable protection that exceeds 5 percent of navigable depth referenced to Chart Datum and, in the event that any area of cable protection exceeding 5 percent of navigable depth is identified, details of any steps (to be determined following consultation with the MCA and Trinity House) to be taken to ensure existing and future safe navigation is not compromised or similar such assessment to ascertain suitable burial depths and cable laying techniques, including cable protection; and
    - (cc) proposals for monitoring cables including cable protection until the authorised scheme is decommissioned which includes a risk-based approach to the management of unburied or shallow buried cables;
  - (ii) a scour protection plan (in accordance with the outline scour protection plan) including details of scour protection and cable protection including details of the need, type, sources, quantity and installation methods for scour protection and cable protection, with details updated and resubmitted for approval if changes to it are proposed following cable laying operations;
  - (iii) foundation installation methodology, including drilling methods and disposal of drill arisings and material extracted during seabed preparation for foundation and cable installation works and having regard to any mitigation scheme pursuant to sub-paragraph (1)(i);
  - (iv) advisory safe passing distances for vessels around sites where the licensed activities are taking place;
  - (v) contractors;
  - (vi) vessels and vessel transit corridors;



- (vii) associated ancillary works; and
- (viii) guard vessels to be employed;
- (d) a project environmental management plan (in accordance with the outline project environmental management plan) covering the period of construction and operation to include details of—
  - (i) a marine pollution contingency plan to address the risks, methods and procedures to deal with any spills and collision incidents during construction and operation of the authorised scheme in relation to all activities carried out;
  - (ii) a chemical risk assessment, including information regarding how and when chemicals are to be used, stored and transported in accordance with recognised best practice guidance;
  - (iii) waste management and disposal arrangements;
  - (iv) the appointment and responsibilities of a fisheries liaison officer;
  - (v) a fisheries liaison and coexistence plan (which accords with the outline fisheries liaison and co-existence plan) to ensure relevant fishing fleets are notified of commencement of licensed activities pursuant to condition 4 and to address the interaction of the licensed activities with fishing activities;
  - (vi) a code of conduct for vessel operators to reduce risk of injury to mammals; and
  - (vii) procedures, which must be adopted within vessel transit corridors to minimise disturbance to red-throated diver during the period 1 November to 31 March (inclusive), which must be in accordance with the best practice protocol for minimising disturbance to red-throated diver;
- (e) an archaeological written scheme of investigation in relation to the offshore Order limits seaward of MHWS, which must accord with the outline written scheme of investigation (offshore) and industry good practice, in consultation with the statutory historic body to include—
  - (i) details of responsibilities of the undertaker, archaeological consultant and contractor;
  - (ii) a methodology for further site investigation including any specifications for geophysical, geotechnical and diver or remotely operated vehicle investigations;
  - (iii) archaeological analysis of survey data, and timetable for reporting, which is to be submitted to the MMO within four months of any survey being completed;
  - (iv) delivery of any mitigation including, where necessary, identification and modification of archaeological exclusion zones;
  - (v) monitoring of archaeological exclusion zones during and post construction;
  - (vi) a requirement for the undertaker to ensure that a copy of any agreed archaeological report is deposited with the Archaeological Data Service, by submitting an OASIS ('Online Access to the Index of archaeological investigations') form with a digital copy of the report within six months of completion of construction of the authorised scheme, and to notify the MMO and Historic England that the OASIS form has been submitted to the Archaeological Data Service within two weeks of submission;
  - (vii) a reporting and recording protocol, including reporting of any wreck or wreck material during construction, operation and decommissioning of the authorised scheme; and
  - (viii) a timetable for all further site investigations, which must allow sufficient opportunity to establish a full understanding of the historic environment within the offshore Order limits and the approval of any necessary mitigation required as a result of the further site investigations prior to commencement of licensed activities;
- (f) an aids to navigation management plan to be agreed in writing by the MMO following consultation with Trinity House, the MCA and UKHO specifying how the undertaker will ensure compliance with condition 8 from the commencement of construction of the authorised scheme to the completion of decommissioning;

- (g) in the event that driven or part-driven pile foundations are proposed to be used, a marine mammal mitigation protocol (in accordance with the outline marine mammal mitigation protocol), the intention of which is to prevent injury to marine mammals, following current best practice as advised by the relevant statutory nature conservation bodies; and
- (h) a navigation management plan to manage crew transfer vessels (including daughter craft) during the construction and operation of the authorised scheme.

(2) Pre-commencement surveys and archaeological investigations and pre-commencement material operations which involve intrusive seabed works must only take place in accordance with a specific outline written scheme of investigation (which must accord with the details set out in the outline written scheme of investigation (offshore)) which has been submitted to and approved by the MMO.

~~(3) In the event that piled foundations are proposed to be used for the electrical switching platform, installation of the piled foundation must not occur concurrently with installation of any piled foundations being installed pursuant to the deemed marine licences granted under Schedules 10 and 11 of the Order.~~

~~(4) Within Work No. 8B, the temporary pits for trenchless installation techniques must not be located within 50 metres seaward of the beach cliffs.~~

~~(5)~~<sup>(3)</sup>~~(5)~~—Anchoring of vessels must not occur within the Holderness Inshore Marine Conservation Zone or within the Smithic Bank, unless otherwise agreed in writing with the MMO following consultation with the relevant statutory nature conservation body and in the event that jack-up vessels are proposed to be used for cable installation or maintenance, their legs must not be deployed within the Holderness Inshore Marine Conservation Zone or within the Smithic Bank, unless otherwise agreed in writing with the MMO following consultation with the relevant statutory nature conservation body. For the purposes of this sub-paragraph the “Holderness Inshore Marine Conservation Zone” and the “Smithic Bank” means the area bounded by the following coordinates:

<i>Co-ordinate ID</i>	<i>X</i>	<i>Y</i>	<i>Co-ordinate ID</i>	<i>X</i>	<i>Y</i>
1	295623.5	5988145	23	298275.5	5998380
2	295151.2	5988060	24	298621.2	5998874
3	294745.5	5988423	25	298836.9	5999246
4	294511.3	5988778	26	299247.9	5999525
5	294268.6	5989292	27	299486.8	5999430
6	293876.3	5989601	28	299598.1	5998762
7	293560.8	5989880	39	299594.8	5997967
8	293332.8	5990368	30	299268.7	5997636
9	293232.9	5990929	31	298936.8	5997174
10	293248	5991618	32	298720.2	5996494
11	293357	5992382	33	298564.6	5995785
12	293486	5993034	34	298381.8	5994812
13	293672.5	5993577	35	298391.6	5993963
14	293869.5	5994077	36	298294.2	5992800
15	294131.6	5994638	37	298298.3	5991819
16	294494.2	5995216	38	298274.7	5990919
17	295039.8	5995701	39	298010.4	5989870
18	295805.2	5996367	40	297423.3	5988941
19	296495.2	5996740	41	296719	5988548
20	297164.8	5997219	42	296143.8	5988255
21	297591.3	5997561	43	295623.5	5988145
22	297845.4	5997953			

~~(6)~~<sup>(4)</sup> Any sediment removed from within the Dogger Bank Special Area of Conservation during construction of the authorised scheme must be disposed of within that part of the Dogger Bank Special Area of Conservation which falls within the Order limits.

~~(7)~~(5) Each programme, statement, plan, protocol or scheme required to be approved under condition 13 must be submitted for approval at least six months before the intended commencement of licensed activities, except where otherwise stated or unless otherwise agreed in writing by the MMO.

~~(8)~~(6) The MMO must determine an application for approval made under condition 13 within a period of six months commencing on the date the application is received by the MMO, unless otherwise agreed in writing with the undertaker.

~~(9)~~(7) The licensed activities must be carried out in accordance with the programmes, statements, plans, protocols or schemes approved under condition 13 unless otherwise agreed in writing by the MMO.

~~(10)~~(8) In the event that driven or part-driven pile foundations are proposed to be used, the hammer energy used to drive or part-drive monopile foundations must not exceed 6,000kJ and the hammer energy used to drive or part-drive pin pile foundations must not exceed 3,000kJ.

~~(11)~~(9) The maximum number of main vessels engaged at any time in activities related to piling for the licensed activities when combined with the number of main vessels engaged in piling activities authorised by the deemed marine licences granted under Schedules 10 to 12 must not exceed ~~3~~32 vessels.

~~(12)~~(10) The number of piled foundations installed within a 24 hour period when combined with the number of piled foundations installed pursuant to the deemed marine licences granted under Schedules 10 to 12 of the Order within the same 24 hour period must not exceed:

- (a) 4 monopile foundations;
- (b) ~~128~~ pin pile foundations;
- (c) 3 monopile foundations and ~~3~~32 pin pile foundations;
- (d) 2 monopile foundations and ~~64~~ pin pile foundations; or
- (e) 1 monopile foundation and ~~96~~ pin pile foundations.

~~(13)~~(11) The number of piled foundations installed concurrently when combined with the number of piled foundations installed concurrently pursuant to the deemed marine licences granted under Schedules 10 to 12 must not exceed:

- (a) where only monopile foundations are being installed concurrently exceed 2 monopile foundations;
- (b) where only pin pile foundations are being installed concurrently exceed ~~3~~32 pin pile foundations; and
- (c) where a combination of monopile foundations and pin pile foundations are being installed concurrently exceed 1 monopile foundation and 1 pin pile foundation.

### Site Integrity Plan

14.—(1) No piling activities can take place until a Site Integrity Plan (“SIP”), which accords with the principles set out in the in principle Site Integrity Plan for the Southern North Sea Special Area of Conservation, has been submitted to, and approved in writing, by the MMO in consultation with the relevant statutory nature conservation body.

(2) The SIP submitted for approval must contain a description of the conservation objectives for the Southern North Sea Special Area of Conservation (“SNS SAC”) as well as any relevant management measures and it must set out the key statutory nature conservation body advice on activities within the SNS SAC relating to piling as set out within the JNCC Guidance and how this has been considered in the context of the authorised scheme.

(3) The SIP must be submitted in writing to the MMO no later than six months prior to the commencement of piling activities.

(4) In approving the SIP the MMO must be satisfied that the authorised scheme at the preconstruction stage, in-combination with other plans and projects, is in line with the JNCC Guidance.

(5) The approved SIP may be amended with the prior written approval of the MMO, in consultation with the relevant statutory nature conservation body, where the MMO remains satisfied that the Project, in-combination with other plans or projects at the pre-construction stage, is in line with the JNCC Guidance.

### **Approval of programmes, statements etc**

15.—(1) Each programme, statement, plan, protocol or scheme required to be approved under condition 13 must be submitted for approval at least four months before the intended commencement of licensed activities, except where otherwise stated or unless otherwise agreed in writing by the MMO.

(2) The MMO must determine an application for approval made under conditions 13 and 14 within a period of four months commencing on the date the application is received by the MMO, unless otherwise agreed in writing with the undertaker.

(3) The licensed activities must be carried out in accordance with the plans, protocols, statements, schemes and details approved under conditions 13 and 14, unless otherwise agreed in writing by the MMO.

### **Offshore safety management**

16. Any part of the authorised scheme must not be commenced until the MMO, in consultation with the MCA, has confirmed in writing that the undertaker has taken into account and, so far as is applicable to that stage of the project, adequately addressed all MCA recommendations as appropriate to the authorised scheme contained within MGN654 “Offshore Renewable Energy Installations (OREIs) – Guidance on UK Navigational Practice, Safety and Emergency Response Issues” (or any equivalent guidance that replaces or supersedes it) and its annexes.

### **Reporting of engaged agents, contractors and vessels**

17.—(1) The undertaker must provide the following information in writing to the MMO—

- (a) the name, function, company number (if applicable), registered or head office address (as appropriate) of any agent or contractor appointed to engage in the licensed activities within seven days of appointment; and
- (b) each week during the construction of the authorised scheme a completed Hydrographic Note H102 listing the vessels currently and to be used in relation to the licensed activities.

(2) The undertaker must notify the MMO in writing of any vessel being used to carry on any licensed activity listed in this deemed marine licence on behalf of the undertaker. Such notification must be received by the MMO no less than 24 hours before the commencement of the licensed activity. Notification must include the master’s name, vessel type, vessel IMO number and vessel owner or operating company.

(3) Any changes to the supplied details must be notified to the MMO in writing at least 24 hours before the agent, contractor or vessel engages in the licensed activities.

### **Pre-construction monitoring and surveys**

18.—(1) The undertaker must, in discharging condition 13(1)(b), submit a monitoring plan or plans in accordance with the in principle monitoring plan for written approval in writing by the MMO in consultation with the relevant statutory nature conservation body, which must contain details of proposed monitoring and surveys, including methodologies and timings, and a proposed format and content for a pre-construction baseline report.

(2) The survey proposals submitted under sub-paragraph (1) must be in accordance with the principles set out in the in principle monitoring plan and must specify each survey’s objectives and explain how it will assist in either informing a useful and valid comparison with the post-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(3) The baseline report proposals submitted under sub-paragraph (1) must ensure that the outcome of the agreed surveys, together with existing data and reports, are drawn together to present a valid statement of the pre-construction position, with any limitations, and must make clear what post-construction comparison is intended and the justification for this being required.

(4) The pre-construction surveys referred to in sub-paragraph (1) must, unless otherwise agreed in writing with the MMO, include, but not be limited to, the need to undertake—

- (a) a survey to determine the location, extent and composition of habitats of principal importance, Annex 1 subtidal habitat, habitat with suitability for sandeel or surficial deposits of glacial till in the parts of the Order limits in which it is proposed to carry out construction works;
- (b) a swath-bathymetry survey to IHO Order 1a standard that meets the requirements MGN654 and its annexes, and side scan sonar, of the area(s) within the Order limits in which it is proposed to carry out construction works including an appropriate buffer around the location of each work;
- (c) undertake any monitoring required by the SIP submitted in accordance with condition 14; and
- (d) undertake or contribute to any marine mammal monitoring referred to in the marine mammal mitigation protocol submitted in accordance with condition 13(1)(g).

(5) The undertaker must carry out the surveys specified within the monitoring plan or plans in accordance with that plan or plans, unless otherwise agreed in writing by the MMO in consultation with the relevant statutory nature conservation body.

(6) When any surveys are carried out in accordance with sub-paragraph (5) a survey report must be submitted to the MMO following completion of the relevant survey. Any report submitted under this sub-paragraph must be submitted prior to the commencement of licensed activities for the relevant stage.

### **Construction monitoring and surveys**

**19.—**(1) The undertaker must, in discharging condition 13(1)(b), for each phase of construction submit details (which accord with the in principle monitoring plan) for approval in writing by the MMO in consultation with the relevant statutory nature conservation bodies of any proposed monitoring and surveys, including methodologies and timings, to be carried out during the construction of the authorised scheme. The survey proposals must specify each survey's objectives and explain how it will assist in either informing a useful and valid comparison with the pre-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(2) In the event that driven or part-driven pile foundations are proposed, such monitoring must include measurements of noise generated by the installation of the first four piled foundations of each piled foundation type to be installed unless the MMO otherwise agrees in writing.

(3) The undertaker must carry out the surveys approved under sub-paragraph (1), including any further noise monitoring required in writing by the MMO, and provide the agreed reports in the agreed format in accordance with the agreed timetable, unless otherwise agreed in writing with the MMO in consultation with the relevant statutory nature conservation bodies.

(4) The results of the initial noise measurements monitored in accordance with sub-paragraph (2) must be provided to the MMO within six weeks of the installation of the first four piled foundations. The assessment of this report by the MMO will determine whether any further noise monitoring is required. If, in the reasonable opinion of the MMO in consultation with the relevant statutory nature conservation body, the assessment shows significantly different impacts to those assessed in the environmental statement or failures in mitigation, all piling activity must cease until an update to the marine mammal mitigation protocol and further monitoring requirements have been agreed.

(5) The undertaker must carry out the surveys specified in the construction monitoring plan in accordance with that plan, including any further noise monitoring required in writing by the MMO

under sub-paragraph (4), unless otherwise agreed in writing by the MMO in consultation with the relevant statutory nature conservation body.

(6) Construction monitoring must include vessel traffic monitoring in accordance with the outline vessel traffic monitoring plan, including the provision of reports on the results of that monitoring by automatic identification system at the end of each year of the construction period to the MMO, MCA and Trinity House.

(7) In the event that piled foundations are proposed to be used, the details submitted in accordance with the marine mammal mitigation protocol must include proposals for monitoring marine mammals.

### **Post-construction monitoring and surveys**

**20.**—(1) The undertaker must, in discharging condition 13(1)(b), submit details (which accord with the in principle monitoring plan) for approval in writing by the MMO in consultation with the relevant statutory nature conservation bodies of proposed post-construction monitoring and surveys, including methodologies and timings, and a proposed format, content and timings for providing reports on the results.

(2) The survey proposals must specify each survey's objectives and explain how it will assist in either informing a useful and valid comparison with the pre-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(3) The post-construction surveys referred to in sub-paragraph (1) must, unless otherwise agreed with the MMO, have due regard to, but not be limited to, the need to—

- (a) undertake a survey to determine any change in the location, extent and composition of any habitats of principal importance, Annex 1 subtidal habitat, habitat with suitability for sandeel or surficial deposits of glacial till identified in the pre-construction survey in the parts of the Order limits in which construction works were carried out. The survey design must be informed by the results of the pre-construction benthic survey and the construction benthic surveys;
- (b) undertake, within twelve months of completion of the licensed activities, a full sea floor coverage swath-bathymetry survey that meets the requirements of MGN654 and its annexes, and side scan sonar, of the area(s) within the Order limits in which construction works were carried out to assess any changes in bedform topography and such further monitoring or assessment as may be agreed to ensure that cables (including fibre optic cables) have been buried or protected;
- (c) undertake any monitoring required by the SIP submitted in accordance with condition 14;
- (d) undertake post-construction traffic monitoring in accordance with the outline vessel traffic monitoring plan, including the provision of reports on the results of that monitoring by automatic identification system to the MMO, the MCA and Trinity House; and
- (e) undertake any marine mammal monitoring referred to in the marine mammal mitigation protocol submitted in accordance with condition 13(1)(g);

(4) The undertaker must carry out the surveys agreed under sub-paragraph (1) and provide the agreed reports to the MMO in the agreed format in accordance with the agreed timetable, unless otherwise agreed in writing with the MMO in consultation with the relevant statutory nature conservation bodies.

(5) In the event that the reports provided to the MMO under sub-paragraph (4) identify a need for additional monitoring, the requirement for any additional monitoring will be agreed with the MMO in writing and implemented as agreed.

### **Reporting of scour and cable protection**

**21.**—(1) No more than four months following completion of the construction of the authorised scheme, the undertaker must provide the MMO and the relevant statutory nature conservation

bodies with a report setting out details of the cable protection and scour protection used for the authorised scheme.

(2) The report must include the following information—

- (a) the location of cable protection and scour protection;
- (b) the volume of cable protection and scour protection; and
- (c) any other information relating to the cable protection and scour protection as agreed between the MMO and the undertaker.

(3) Where any cable protection or scour protection is replenished following completion of construction the undertaker must submit an updated report in accordance with sub-paragraph (2) in writing to the MMO and the relevant statutory nature conservation bodies no more than four months following completion of the relevant replenishment being deposited.

### **Completion of construction**

22.—(1) The undertaker must submit a close out report to the MMO, the MCA, Trinity House, UKHO and the relevant statutory nature conservation body within three months of the date of completion of construction. The close out report must confirm the date of completion of construction and must include the following details—

- (a) As built plans;
- (b) Latitude and longitude co-ordinates of the centre point of the location for each offshore ~~electrical installation~~ converter platform, provided as Geographical Information System data referenced to WGS84 datum; and

details of the latitude and longitude co-ordinates of the export cables, provided as Geographical Information System data referenced to WGS84 datum.

(2) Following completion of construction, no further construction activities can be undertaken under this deemed marine licence.

### **Collaboration**

23.—(1) Prior to submission of plans and documentation required to be submitted to the MMO for approval in accordance with conditions 14 and 15, the undertaker must provide a copy of the relevant plans and documentation to DBSEL to enable DBSEL to provide any comments on the plans and documentation to the undertaker.

(2) The plans and documentation submitted to the MMO for approval in accordance with conditions 14 and 15 must be accompanied by any comments received by the undertaker from DBSEL in accordance with sub-paragraph (1) or a statement from the undertaker confirming that no such comments were received.

### **Seasonal Restriction**

~~24.—The undertaker must not carry out any piling activities within the electrical switching platform search area within the restricted period.~~

~~(2) For the purpose of this condition—~~

~~“electrical switching platform search area” means the area shown on the works plans for Work Nos. 6A and 6B; and~~

~~“restricted period” means the period between 1 August and 31 March inclusive.~~

### **Reporting of impact pile driving**

~~25.~~24.—(1) Only when driven or part-driven pile foundations are proposed to be used as part of the foundation installation the undertaker must provide the following information to the Marine Noise Registry—

- (a) prior to the commencement of each phase of construction of the licensed activities, information on the expected location, start and end dates of impact pile driving to satisfy the Marine Noise Registry's Forward Look requirements;
- (b) at six-month intervals following the commencement of pile driving or by 25 March for works which take place in the preceding year January to December (whichever is earlier), information on the locations and dates of impact pile driving to satisfy the Marine Noise Registry's Close Out requirements; and
- (c) within 12 weeks of completion of impact pile driving or by 25 March for works which take place in the preceding year January to December (whichever is earlier), information on the locations and dates of impact pile driving to satisfy the Marine Noise Registry's Close Out requirements.

(2) The undertaker must notify the MMO in writing of the successful submission of Forward Look or Close Out data pursuant to paragraph (1) above within seven days of the submission.

(3) For the purpose of this condition, "Forward Look" and "Close Out" mean the requirements as set out in the UK Marine Noise Registry Information Document Version 1 (July 2015) as amended, updated, or superseded from time to time.

### **Maintenance reporting**

~~26.25.~~—(1) An annual maintenance report must be submitted to the MMO in writing within one month following the first anniversary of the date of commencement of operations, and every year thereafter until the permanent cessation of operation.

(2) The report must provide a record of the licensed activities undertaken as set out in condition 5 during the preceding year, the timing of activities and methodologies used.

(3) Every fifth year, the undertaker must submit to the MMO in writing, within one month of that date, a consolidated maintenance report, which will—

- (a) include a review of licensed activities undertaken during the preceding five years with reference to the reports submitted in accordance with condition ~~26.25~~(1) of this licence.
- (b) reconfirm the applicability of the methodologies and frequencies of the licensable activities permitted by this licence for the remaining duration of this licence.

### **Sediment Sampling**

~~27.26.~~—(1) The undertaker must submit a sample plan request in writing to the MMO for written approval of a sample plan.

(2) The sample plan request must be made—

- (a) for capital dredging, at least six months prior to the commencement of any capital dredging; or
- (b) for maintenance dredging, at least six months prior to the end of every third year from the date of the previous sediment sample analysis.

(3) The sample plan request must include details of—

- (a) the volume of material to be dredged;
- (b) the location of the area to be dredged;
- (c) details of the material type proposed for dredging;
- (d) the type and dredging methodology (including whether it is a capital or maintenance dredge, depth of material to be dredged and proposed programme for the dredging activities); and
- (e) the location and depth of any supporting samples.

(4) Unless otherwise agreed by the MMO, the undertaker must undertake the sampling in accordance with the approved sample plan.



Deemed Marine Licence 5: DBS East Project and DBS West Project  
Offshore Transmission – Work Nos. 5A, 5B, 7A and 7B

## PART 1

## Licensed marine activities

**Interpretation**

1.—(1) In this deemed marine licence—

“the 2004 Act” means the Energy Act 2004;

“the 2008 Act” means the Planning Act 2008;

“the 2009 Act” means the Marine and Coastal Access Act 2009;

“the 2017 Regulations” means the Conservation of Offshore Marine Habitats and Species Regulations 2017;

“Annex I subtidal habitat” means a subtidal habitat of a type listed in Annex I to Council Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora;

“authorised deposits” means the substances and articles specified in paragraph 4 of Part 1 of this deemed marine licence;

“authorised scheme” means Work No. 5A, 5B, 7A and 7B and the further associated development described in paragraph 3 of Part 1 of this deemed marine licence or any part of that work or development;

“buoy” means any floating device used for navigational purposes or measurement purposes including LiDAR buoys, wave buoys and guard buoys;

“cable” means any offshore cable and includes direct-lay cables and cables laid in cable ducts and further includes fibre optic and other communications cables either within the cable or laid alongside;

“cable crossing” means the crossing of existing subsea cables and pipelines by the array, inter-platform or export cables authorised by the Order and forming part of the authorised scheme together with physical protection measures including cable protection;

“cable protection” means measures to protect cables forming part of the authorised scheme from physical damage and exposure due to loss of seabed sediment including, but not limited to, rock placement, concrete mattresses with or without frond devices, protective aprons or coverings, bagged solutions filled with sand, rock, grout or other materials and protective shells;

“cable statement” means the document certified by the Secretary of State as the cable statement for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“commence” means the first carrying out of any licensed marine activities authorised by this deemed marine licence, save for pre-construction monitoring surveys approved under this deemed marine licence, and “commenced” and “commencement” must be construed accordingly;

“condition” means a condition in Part 2 of this licence;

“Defence Infrastructure Organisation Safeguarding” means Ministry of Defence Safeguarding, Defence Infrastructure Organisation, Kingston Road, Sutton Coldfield, West Midlands, B75 7RL and any successor body to its functions;

“DBS East” means the Dogger Bank South East Offshore Wind Farm;

“DBS East Project” means the DBS East Project offshore works and the DBS East Project onshore works;

“DBS East Project offshore works” means Work Nos. 1A to 9A and any other authorised development associated with those works;

“DBS East Project onshore works” means Work Nos. 10A to 34A and any other authorised development associated with those works;

“DBSWL” means RWE Renewables UK Dogger Bank South (West) Limited, company number 13656525, whose registered office is Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire, England, SN5 6PB;

“DBS West Project” means the DBS West Project onshore works and the DBS West Project offshore works;

“DBS West offshore works” means Work Nos. 1B to 9B and any authorised development associated with those works;

“DBS West Project onshore works” means Work Nos. 10B to 34B and any other authorised development associated with those works;

“Dropped Object Procedure Form” means the MMO notification proforma with reference MLDIR1 for reporting the loss or dumping of synthetic materials and other refuse at sea or any other format advised in writing by the MMO;

“environmental statement” means the document certified by the Secretary of State as the environmental statement for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“habitats of principal importance” “means a habitat designated as being of principal importance in accordance with section 41 (biodiversity lists and action (England)) of the Natural Environment and Rural Communities Act 2006;

“HAT” means highest astronomical tide;

“HVAC” means high voltage alternating current;

“array cable” means a cable linking the wind turbine generators to each other and to the offshore ~~electrical installations~~[converter platforms](#);

“in principle monitoring plan” means the document certified by the Secretary of State as the in principle monitoring plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“inter-platform cable” means a cable linking the offshore ~~electrical installations~~[converter platforms](#);

“intrusive activities” means activities including anchoring of vessels, jacking up of vessels, temporary deposits and temporary wet storage areas;

“JNCC Guidance” means the statutory nature conservation body ‘Guidance for assessing the significance of noise disturbance against Conservation Objectives of harbour porpoise SACs’ Joint Nature Conservation Committee Report No.654, May 2020 published in June 2020 as amended, updated or superseded from time to time;

“maintain” includes inspect, upkeep, repair, adjust, alter, remove, reconstruct and replace (including replenishment of cable protection), but does not include the removal, reconstruction or replacement of foundations associated with the authorised scheme, to the extent assessed in the environmental statement; and “maintenance” must be construed accordingly;

“Marine Management Organisation” means the body created under the 2009 Act which is responsible for the regulation of this deemed marine licence or any successor of that function and “MMO” shall be construed accordingly;

“MCA” means the Maritime and Coastguard Agency, the executive agency of the Department for Transport;

“MCMS” means the Marine Case Management System web portal provided and operated by the MMO;

“MHWS” or “mean high water springs” means the highest level that spring tides reach on average over a period of time;

“MLWS” or “mean low water springs” means the lowest level that spring tides reach on average over a period of time;

“offshore order limits and grid coordinates plan” means the plan certified by the Secretary of State as the offshore order limits and grid coordinates plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“Order” means The Dogger Bank South East and West Offshore Wind Farms Order 20[ ];

“Order limits” means the limits shown on the offshore order limits and grid coordinates plans within which the authorised scheme may be carried out and the grid coordinates for Work Nos. 8A and 8B are set out in paragraph 5 of Part 1 of this deemed marine licence;

“outline fisheries liaison and co-existence plan” means the document certified by the Secretary of State as the outline fisheries liaison and co-existence plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline offshore operations and maintenance plan” means the document certified by the Secretary of State as the outline offshore operations and maintenance plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline project environmental management plan” means the document certified by the Secretary of State as the outline project environmental management plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline scour protection plan” means the document certified by the Secretary of State as the outline scour protection plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified) ;

“outline vessel traffic monitoring plan” means the document certified by the Secretary of State as the outline vessel traffic monitoring plan for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“outline written scheme of investigation (offshore)” means the document certified by the Secretary of State as the outline written scheme of investigation (offshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified);

“scour protection” means measures to prevent loss of seabed sediment around any structure placed in or on the seabed including by the use of bagged solutions, filled with grout or other materials, protective aprons, mattresses with or without frond devices, flow energy dissipation devices and rock and gravel placement;

“statutory historic body” means Historic England or its successor in function;

“statutory nature conservation body” means a statutory nature conservation body, being the appropriate nature conservation body as defined in Regulation 5 of the Conservation of Habitats and Species Regulations 2017<sup>(a)</sup> or its equivalent in the Conservation of Offshore Marine Habitats and Species Regulations 2017<sup>(b)</sup>;

“Trinity House” means the Corporation of Trinity House of Deptford Strond;

“UKHO” means the United Kingdom Hydrographic Office of Admiralty Way, Taunton, Somerset, TA1 2DN;

“undertaker” means DBSEL and DBSWL;

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(a) S.I. 2017/1012

(b) S.I. 2017/1013

“VHF” means very high frequency;

“vessel” means every description of vessel, however propelled or moved, and includes a non-displacement craft, a personal watercraft, a seaplane on the surface of the water, a hydrofoil vessel, a hovercraft or any other amphibious vehicle and any other thing constructed or adapted for movement through, in, on or over water and which is at the time in, on or over water;

“wind turbine generator” means a structure comprising a tower, a rotor with three blades connected at the hub, a nacelle and ancillary electrical and other equipment which may include J-tubes, transition piece, access and rest platforms, access ladders, boat access systems, corrosion protection systems, fenders and maintenance equipment, helicopter landing facilities and other associated equipment, fixed to a foundation;

“works plans” means the works plans (offshore) and the works plans (onshore);

“works plans (offshore)” means the plans certified by the Secretary of State as the works plans (offshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified); and

“works plans (onshore)” means the plans certified by the Secretary of State as the works plans (onshore) for the purposes of the Order under article 42 (certification of plans and documents, etc.) and referenced in Schedule 19 (documents to be certified).

(2) In this deemed marine licence, a reference to any statute, order, regulation or similar instrument is a reference to a statute, order, regulation or instrument as amended by any subsequent statute, order, regulation or instrument or as contained in any subsequent re-enactment.

(3) In this deemed marine licence, unless otherwise indicated—

(a) all times are Greenwich Mean Time (“GMT”);

(b) all coordinates are latitude and longitude degrees and minutes to two decimal places.

(4) Unless otherwise stated or agreed with the MMO, all submissions, notifications and communications must be sent by the undertaker to the MMO using MCMS. Except where otherwise notified in writing by the relevant organisation, the addresses for correspondence for the purposes of this deemed marine licence are—

(a) Historic England

Brooklands

37 Tanner Road

York

YO1 6WP

(b) Marine Management Organisation

Marine Licensing Team

Lancaster House

Hampshire Court

Newcastle upon Tyne

NE4 7YH

Tel: 0300 123 1032

(c) Marine Management Organisation (local office)

Room 13, Ground Flood

Crosskill House

Mill Lane

Beverley

HU17 9JB

Tel: 0208 026 0519

- (d) Maritime and Coastguard Agency  
Navigation Safety Branch  
Bay 2/20, Spring Place  
105 Commercial Road  
Southampton  
SO15 1EG  
Tel: 020 3817 2433
- (e) Natural England  
4<sup>th</sup> Floor  
Foss House  
1-2 Peasholme Green  
York  
YO1 7PX  
Tel: 0300 060 4911
- (f) Trinity House  
Tower Hill  
London  
EC3N 4DH  
Tel: 020 7481 6900
- (g) United Kingdom Hydrographic Office  
Admiralty Way  
Taunton  
Somerset  
TA1 2DN  
Tel: 01823 337 900

(5) Unless otherwise advised in writing by the MMO, the address for electronic communication with the MMO for the purposes of this licence is [marine.consents@marinemanagement.org.uk](mailto:marine.consents@marinemanagement.org.uk), or where contact to the Local Office of the MMO is required, [beverly@marinemanagement.org.uk](mailto:beverly@marinemanagement.org.uk).

### **Details of licensed marine activities**

2. Subject to the conditions this deemed marine licence authorises the undertaker (and any agent or contractor acting on their behalf) to carry out the following licensable marine activities under section 66(1) (licensable marine activities) of the 2009 Act—

- (a) the deposit at sea within the Order limits seaward of MHWS of the substances and objects specified in paragraph 4 below and of up to ~~98,972~~ [116,438](#) cubic metres (being a maximum, not an approximate upper figure) of inert material of natural origin produced during construction drilling or seabed preparation for foundation works, cable works and boulder clearance works at disposal site references to be provided to the MMO within the array area disposal site;
- (b) the construction of works in or over the sea or on or under the sea bed;
- (c) dredging for the purposes of seabed preparation for foundation works or cable works;
- (d) the removal of sediment samples for the purposes of informing environmental monitoring under this deemed marine licence during pre-construction, construction and operation;
- (e) boulder clearance works by displacement ploughing or subsea grab technique or any other comparable method;
- (f) removal of static fishing equipment; and

(g) site preparation works.

3. Such activities are authorised in relation to the construction, maintenance and operation of—

*Work No. 5A—*

Up to three HVAC subsea export cables linking Work Nos. 2A and 2B providing an electrical connection between Work Nos. 1A and 1B, including cable crossings and cable protection;

*Work No. 5B—*

Up to three HVAC subsea export cables linking Work Nos. 2A and 2B providing an electrical connection between Work Nos. 1A and 1B, including cable crossings and cable protection;

*Work No. 7A—*

A temporary work area associated with Work Nos. 1A to ~~6A~~5A for vessels to carry out intrusive activities and non-intrusive activities alongside Work Nos. 1A to ~~6A~~5A;

*Work No. 7B—*

A temporary work area associated with Work Nos. 1B to ~~6B~~5B for vessels to carry out intrusive activities and non-intrusive activities alongside Work Nos. 1B to ~~6B~~5B;

In connection with such Work Nos. 5A, 5B, 7A and 7B and to the extent that they do not otherwise form part of any such work, further associated development comprising such other works as may be necessary or expedient for the purposes of or in connection with the relevant part of the authorised scheme and which fall within the scope of the work assessed by the environmental statement and the provisions of this licence, including:

- (a) scour protection around the foundations of the offshore structures;
- (b) cable protection measures such as the placement of rock and/or concrete mattresses, with or without frond devices;
- (c) the removal of material from the seabed required for the construction of Work Nos. 5A, 5B, 7A and 7B and the disposal of inert material of natural origin within the Order limits produced during construction drilling, seabed preparation for foundation works, cable installation preparation such as sandwave clearance, and boulder clearance;
- (d) removal of static fishing equipment;
- (e) temporary landing places, moorings or other means of accommodating vessels in the construction or maintenance of the authorised scheme;
- (f) creation and use of temporary laydown areas, use of cable lay vessel anchors;
- (g) lighting.

4. The substances and objects authorised for deposit at sea are—

- (a) iron, steel, copper and aluminium;
- (b) stone and rock;
- (c) concrete and grout;
- (d) sand and gravel;
- (e) cement bound sand;
- (f) natural soils;
- (g) plastic and synthetic material;
- (h) drilling fluid;
- (i) material extracted from within the Order limits during construction drilling or seabed preparation for foundation works and cable installation preparation works;
- (j) weights used for the calibration of vessels, consisting of a hessian sack, metal shackles or chains; and

(k) marine coatings, other chemicals and timber.

5. The grid coordinates for that part of the authorised scheme comprising Work Nos. 5A, 5B, 7A and 7B are specified below—

<i>Point ID</i>	<i>Latitude (DMS)</i>	<i>Longitude (DMS)</i>
1	54° 33.7017' N	1° 20.55955' E
2	54° 33.84869' N	1° 20.16118' E
3	54° 34.09052' N	1° 19.9387' E
4	54° 42.68808' N	1° 19.11958' E
5	54° 42.89576' N	1° 19.19192' E
6	54° 43.00532' N	1° 19.2987' E
7	54° 43.10223' N	1° 19.45603' E
8	54° 44.18515' N	1° 21.7125' E
9	54° 44.28093' N	1° 22.03856' E
10	54° 44.30046' N	1° 22.32068' E
11	54° 44.26468' N	1° 22.62418' E
12	54° 39.02878' N	1° 44.92686' E
13	54° 38.84907' N	1° 45.31024' E
14	54° 38.57165' N	1° 45.4825' E
15	54° 34.74598' N	1° 58.90264' E
16	54° 34.77086' N	1° 59.72884' E
17	54° 34.67215' N	2° 0.18106' E
18	54° 34.47546' N	2° 0.46972' E
19	54° 24.47523' N	2° 8.98399' E
20	54° 24.09368' N	2° 8.92387' E
21	54° 23.82918' N	2° 8.43359' E
22	54° 21.08378' N	1° 54.2778' E
23	54° 21.0601' N	1° 53.90188' E
24	54° 21.14588' N	1° 53.48645' E
25	54° 21.33732' N	1° 53.18358' E
26	54° 29.82331' N	1° 45.86969' E
27	54° 30.75742' N	1° 40.25123' E
28	54° 31.81809' N	1° 33.61066' E
29	54° 31.68029' N	1° 33.16936' E
30	54° 31.68491' N	1° 32.6914' E

6. This deemed marine licence remains in force until the authorised scheme has been decommissioned in accordance with a programme approved by the Secretary of State under section 106 (approval of decommissioning programmes) of the 2004 Act, including any modification to the programme under section 108, and the completion of such programme has been confirmed by the Secretary of State in writing.

7. The provisions of section 72 (variation, suspension, revocation and transfer) of the 2009 Act apply to this deemed marine licence except that the provisions of section 72(7) and (8) relating to the transfer of the licence apply only to a transfer not falling within article 5 (benefit of order) of the Order.

8.—(1) With respect to any condition which requires the licensed activities be carried out in accordance with the details, plans or schemes approved under this deemed marine licence, the approved details, plans or schemes are taken to include any amendments that may subsequently be approved in writing by the MMO.

(2) Any amendments to or variations from the approved details, plans or schemes must be in accordance with the principles and assessments set out in the environmental statement and approval of an amendment or variation may only be given where it has been demonstrated to the satisfaction of the MMO that it is unlikely to give rise to any materially new or materially different environmental effects from those assessed in the environmental statement.

9. Should the undertaker become aware that any of the information on which the granting of this deemed marine licence was based was materially false or misleading, the undertaker must notify the MMO of this fact in writing as soon as is reasonably practicable. The undertaker must explain in writing what information was materially false or misleading and must provide to the MMO the correct information.

## PART 2

### Conditions

#### Design parameters

##### *Cables and cable protection*

- 1.—(1) Within Work Nos. 5A and 5B the inter-platform cables must not, in total:—
- (a) exceed 3 in number;
  - (b) exceed ~~98~~138 kilometres in length;
  - (c) exceed ~~9~~12 cable crossings;
  - (d) have cable protection (including cable crossings) exceeding ~~211,248~~286,808 square metres in area; or
  - (e) have cable protection (including cable crossings) exceeding ~~187,280~~260,234 cubic metres in volume.

(2) The inter-platform cables within Work No. 5A and 5B which fall within the Dogger Bank Special Area of Conservation must not have cable protection exceeding 10% of the length of such cables, when combined with the offshore export cables, array cables and inter-platform cables authorised by the deemed marine licences granted under Schedules 11 – 14 of the Order.

#### Phases of authorised scheme

2.—(1) The authorised scheme must not commence until an offshore works phasing scheme setting out the phases of construction of the authorised scheme has been submitted to and approved in writing by the MMO.

(2) The authorised scheme must be submitted at least 4 months prior to the proposed commencement of the works.

(3) Any subsequent amendments to the offshore works phasing scheme submitted for approval under sub-paragraph (1) must be submitted to the MMO for approval in writing’.

(4) The offshore works phasing scheme submitted for approval under subparagraph (1) must be implemented as approved. The approved details shall be taken to include any amendment that may subsequently be approved by the MMO in accordance with sub-paragraph (3).

#### Maintenance of the authorised scheme

3.—(1) The undertaker may at any time maintain the authorised scheme, except to the extent that this licence or an agreement made under this licence provides otherwise.

(2) Maintenance works include but are not limited to—

- (a) Bird waste and marine growth removal;
- (b) Surveys/inspections of cables;



- (c) Cable remedial burial;
- (d) Cable protection replenishment;
- (e) Cable repairs and replacement;
- (f) Access ladder and boat landing replacement; and
- (g) J-tube repair/replacement.

(3) Operation of the licensed activities must not commence until an offshore operations and maintenance plan substantially in accordance with the outline offshore operations and maintenance plan has been submitted to and approved in writing by the MMO. The operations and maintenance plan must include, but is not limited to—

- (a) a list of maintenance activities within the marine environment that are planned for the lifetime of the licensed activities;
- (b) details of the typical construction plant, machinery and personnel requirements for each maintenance activity and any requirements for detailed method statements;
- (c) details of the typical frequency and timing of each maintenance activity; and
- (d) details of controls and mitigation that will be in place in order to protect the marine environment.

(4) The offshore operations and maintenance plan must be reviewed every three years commencing from the date on which the plan was approved, unless otherwise agreed by the MMO, to ensure the details of the maintenance activities remain accurate. The conclusions of that review must be submitted to and approved by the MMO in writing.

(5) The offshore operations and maintenance plan must be implemented as approved by the MMO.

(6) Unless otherwise agreed in writing with the MMO, the undertaker must submit—

- (a) the first offshore operations and maintenance plan at least 4 months prior to the operation of the licensed activities;
- (b) any revised offshore operations and maintenance plan submitted in accordance with sub-paragraph (4) at least 4 months before such revised plan is required to be put in place; and
- (c) where additional maintenance activities are identified that are not included in the approved offshore operations and maintenance plan, or any revised plan approved in accordance with sub-paragraph (4), an updated offshore operations and maintenance plan including the additional maintenance activities must be submitted to and approved by the MMO in writing as soon as possible after the need for such additional maintenance activities is identified.

### **Extension of time periods**

4. Any time period given in this deemed marine licence to either the undertaker or the MMO may be extended with the agreement of the other party, such agreement not to be unreasonably withheld or delayed.

### **Notifications and inspections**

5.—(1) The undertaker must ensure that—

- (a) a copy of this deemed marine licence (issued as part of the grant of the Order) and any subsequent amendments or revisions to it is provided to—
  - (i) all agents and contractors notified to the MMO in accordance with condition 13;
  - (ii) the masters and transport managers responsible for the vessels notified to the MMO in accordance with condition 13; and
- (b) within 28 days of receipt of a copy of this deemed marine licence and any subsequent amendments or revisions to it, those persons referred to in sub-paragraph (1)(a) must confirm receipt of this deemed marine licence in writing to the MMO.

(2) Only those persons and vessels notified to the MMO in accordance with condition 18 are permitted to carry out the licensed activities.

(3) Copies of this deemed marine licence must also be available for inspection at the following locations—

- (a) the undertaker's registered address;
- (b) any site office located at or adjacent to the construction site and used by the undertaker or its agents and contractors responsible for the loading, transportation or deposit of the authorised deposits; and
- (c) on board each vessel and at the office of any transport manager with responsibility for vessels from which authorised deposits or removals are to be made.

(4) The documents referred to in sub-paragraph (1) must be available for inspection by an authorised enforcement officer at the locations set out in sub-paragraph (3).

(5) The undertaker must provide access, and if necessary appropriate transportation, to the offshore construction site or any other associated works or vessels to facilitate any inspection that the MMO considers necessary to inspect the works during the construction and operation of the authorised scheme.

(6) The undertaker must inform the MMO Local Office in writing at least five days prior to the commencement of the licensed activities or any part of them and within five days of the completion of the licensed activity.

(7) The undertaker must inform the Kingfisher Information Service of Seafish by email to [kingfisher@seafish.co.uk](mailto:kingfisher@seafish.co.uk) of details of the vessel routes, timings and locations relating to the construction of the authorised scheme or relevant part—

- (a) at least fourteen days prior to the commencement of offshore activities, for inclusion in the Kingfisher Fortnightly Bulletin and offshore hazard awareness data;
- (b) on completion of construction of the authorised scheme,

and confirmation of notification must be provided to the MMO within five days.

(8) The undertaker must ensure that a local notification to mariners is issued at least 14 days prior to the commencement of the authorised scheme or any part thereof advising of the start date of each of Work Nos. 5A and 5B and the expected vessel routes from the construction ports to the relevant location. Copies of all notices must be provided to the MMO, MCA and UKHO within five days.

(9) The undertaker must ensure that local notifications to mariners are updated and reissued at weekly intervals during construction activities and at least five days before any planned operations (or otherwise agreed) and maintenance works and supplemented with VHF radio broadcasts agreed with the MCA in accordance with the construction programme and monitoring plan approved under condition 11(1)(b). Copies of all notices must be provided to the MMO and UKHO within five days.

(10) The undertaker must notify UKHO of the commencement (within fourteen days), progress and completion of construction (within fourteen days) of the licensed activities in order that all necessary amendments to nautical and aeronautical charts are made and the undertaker must send a copy of such notifications to the MMO within five days of the notification.

(11) In case of damage to, or destruction or decay of, the authorised scheme or any part thereof, excluding the exposure of cables, the undertaker must as soon as reasonably practicable and no later than 24 hours following the undertaker becoming aware of any such damage, destruction or decay, notify the MMO, the MMO Local Office, MCA, Trinity House, the Kingfisher Information Service of Seafish and UKHO.

(12) In case of the exposure of cables on or above the seabed, the undertaker must within three days following identification of a potential cable exposure, notify mariners and inform the Kingfisher Information Service of Seafish of the location and extent of exposure. Copies of all notices must be provided to the MMO, MCA, Trinity House, and UKHO within five days.

(13) The undertaker must notify the MMO in writing a minimum of five days in advance of the commencement of each discrete incident of cable repair, replacement, or protection replenishment

activity. Such a notification must include proposed timings and a description of proposed methodologies.

(14) The undertaker must ensure that the MMO, the MMO Local Office, local mariners, local fishermen's organisations and the Source Data Receipt Team at the UK Hydrographic Office, Taunton, Somerset, TA1 2DN sdr@ukho.gov.uk are notified within five days of completion of each instance of cable repair, replacement or protection replenishment activity.

### **Aids to navigation**

**6.—**(1) The undertaker must during the whole of the period from commencement of construction of the authorised scheme to completion of decommissioning of the authorised scheme exhibit such lights, marks, sounds, signals and other aids to navigation, and take such other steps for the prevention of danger to navigation, as Trinity House may from time to time direct.

(2) The undertaker must during the period from commencement of construction of the authorised scheme to completion of decommissioning of the authorised scheme keep Trinity House and the MMO informed of progress of the authorised scheme including—

- (a) notice of commencement of construction of the authorised scheme within 24 hours of commencement having occurred;
- (b) notice within 24 hours of any aids to navigation being established by the undertaker; and
- (c) notice within five days of completion of construction of the authorised scheme.

(3) The undertaker must provide reports to Trinity House on the availability of aids to navigation in accordance with the frequencies set out in the aids to navigation management plan agreed pursuant to condition 11(1)(f) using the reporting system provided by Trinity House.

(4) The undertaker must during the period from commencement of the licensed activities to completion of decommissioning of the authorised scheme notify Trinity House and the MMO of any failure of the aids to navigation, and the timescales and plans for remedying such failures, as soon as possible and no later than 24 hours following the undertaker becoming aware of any such failure.

(5) In the event that the provisions of condition 5(11) or condition 5(12) are invoked, the undertaker must lay down such buoys, exhibit such lights and take such other steps for preventing danger to navigation as directed by Trinity House.

### **Not used**

#### **7. NOT USED**

### **Aviation safety**

**8.—**(1) The undertaker must exhibit such lights, with such shape, colour and character as are required in writing by the Air Navigation Order 2016<sup>(a)</sup> and determined necessary for aviation safety in consultation with the Defence Infrastructure Organisation Safeguarding and as directed by the Civil Aviation Authority.

(2) The undertaker must notify the Defence Infrastructure Organisation Safeguarding, the Civil Aviation Authority and the MMO, at least 14 days prior to the commencement of the authorised scheme, in writing of the following information—

- (a) the date of the commencement of construction of the authorised scheme;
- (b) the date any wind turbine generators are to be installed;
- (c) the maximum height of any construction equipment or vessels to be used;
- (d) the maximum height of each wind turbine generator to be constructed;
- (e) the latitude and longitude of each wind turbine generator to be constructed;

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(a) S.I. 2016/765.

and the Defence Infrastructure Organisation Safeguarding and the Civil Aviation Authority must be notified of any changes to the information supplied under this paragraph and of the completion of the construction of the authorised scheme. Copies of notifications must be provided to the MMO within 5 days.

### **Chemicals, drilling and debris**

9.—(1) Unless otherwise agreed in writing by the MMO, the carriage and use of chemicals in the construction of the authorised scheme must comply with the International Convention for the Prevention of Pollution from Ships 1973 as modified by the Protocol of 1978 relating thereto and by the Protocol of 1997.

(2) The undertaker must ensure that any coatings and treatments are suitable for use in the marine environment and are used in accordance with guidelines approved by the Health and Safety Executive and the Environment Agency Pollution Prevention Control Guidelines.

(3) The storage, handling, transport and use of fuels, lubricants, chemicals and other substances must be undertaken so as to prevent releases into the marine environment, including bunding of 110 percent of the total volume of all reservoirs and containers.

(4) The undertaker must inform the MMO in writing of the location and quantities of material disposed of each month under this deemed marine licence by submission of a disposal return by 15 February each year for the months August to January inclusive, and by 15 August each year for the months February to July inclusive and must provide a null return if no activity has taken place during the reporting period.

(5) The undertaker must ensure that only inert material of natural origin, produced during pre-sweeping sandwave clearance where relevant, the drilling installation of or seabed preparation for foundations, and drilling mud is disposed of within the Order limits seaward of MHWS.

(6) The undertaker must ensure that any rock material used in the construction of the authorised scheme is from a recognised source, free from contaminants and containing minimal fines.

(7) In the event that any rock material used in the construction of the authorised scheme is misplaced or lost below MHWS, the undertaker must report the loss in writing to the local enforcement office within 24 hours and if the MMO, in consultation with the MCA and Trinity House, reasonably considers such material to constitute a navigation or environmental hazard (dependent on the size and nature of the material) the undertaker must, in that event, demonstrate to the MMO that reasonable attempts have been made to locate, remove or move any such material.

(8) The undertaker must ensure that no waste concrete slurry or wash water from concrete or cement works are discharged into the marine environment. Concrete and cement mixing and washing areas must be contained to prevent run off entering the water through the freeing ports.

(9) The undertaker must ensure that any oil, fuel or chemical spill within the marine environment is reported to the MMO Marine Pollution Response Team in accordance with the marine pollution contingency plan agreed under condition 11(1)(d)(i).

(10) All dropped objects must be reported to the MMO using the Dropped Object Procedure Form as soon as reasonably practicable and in any event within 24 hours of the undertaker becoming aware of an incident. On receipt of the Dropped Object Procedure Form the MMO may require relevant surveys to be carried out by the undertaker (such as side scan sonar) if reasonable to do so and the MMO may require obstructions to be removed from the seabed at the undertaker's expense if reasonable to do so.

### **Force majeure**

10. If, due to stress of weather or any other cause, the master of a vessel determines that it is necessary to deposit the authorised deposits within or outside of the Order limits because the safety of human life or of the vessel is threatened, within 48 hours the undertaker must notify full details of the circumstances of the deposit to the MMO.

## Pre-construction plans and documentation

11.—(1) The licensed activities or any phase of those activities must not commence until the following (insofar as relevant to that activity or phase of activity) have been submitted to and approved in writing by the MMO, in consultation with Trinity House, the MCA, the relevant statutory nature conservation body and UKHO as appropriate—

- (a) A layout plan setting out proposed details of the authorised scheme, including the:
  - (i) proposed layout of all cables;
  - (ii) location and specification of all other aspects of the authorised scheme; and
  - (iii) any exclusion zones or micro-siting requirements identified pursuant to 11(1)(e)(iv) or relating to any habitats of principal importance, Annex I subtidal habitat or surficial deposits of glacial till identified as part of surveys undertaken in accordance with condition 14;  
to ensure conformity with the description of Work Nos. 5A, 5B, 7A and 7B and compliance with condition 1;
- (b) a construction programme and monitoring plan (which accords with the in principle monitoring plan) which, save in respect information submitted pursuant to sub-paragraph (b)(iii)(aa), is to be submitted to the MMO at least six months prior to commencement of licensed activities and to include details of—
  - (i) the proposed construction start date;
  - (ii) proposed timings for mobilisation of plant, delivery of materials and installation works;
  - (iii) proposed pre-construction surveys, baseline report format and content, construction monitoring, post-construction surveys and monitoring and related reporting in accordance with conditions 16, 17 and 18 to be submitted to the MMO in accordance with the following (unless otherwise agreed in writing with the MMO)—
    - (aa) at least four months prior to the first survey, detail of the pre-construction surveys and an outline of all proposed pre-construction monitoring;
    - (bb) at least four months prior to construction, detail on construction monitoring; and
    - (cc) at least four months prior to commissioning, detail of post-construction (and operational) monitoring;
  - (iv) an indicative written construction programme for all cables including fibre optic cables comprised in the works at Part 1 (licensed marine activities) of this Schedule (insofar as not shown in paragraph (ii) above); and
  - (v) a monitoring plan setting out the circumstances in which monitoring will be required and the monitoring to be carried out in such circumstances;
- (c) a construction method statement (in accordance with the cable statement), including details of—
  - (i) cable burial, specification, installation and monitoring to include—
    - (aa) the technical specification of cables below MHWS;
    - (bb) a detailed cable laying plan for the authorised scheme, incorporating a detailed burial risk assessment encompassing the identification of any cable protection that exceeds 5 percent of navigable depth referenced to Chart Datum and, in the event that any area of cable protection exceeding 5 percent of navigable depth is identified, details of any steps (to be determined following consultation with the MCA and Trinity House) to be taken to ensure existing and future safe navigation is not compromised or similar such assessment to ascertain suitable burial depths and cable laying techniques, including cable protection; and

- (cc) proposals for monitoring cables including cable protection until the authorised scheme is decommissioned which includes a risk-based approach to the management of unburied or shallow buried cables;
- (ii) a scour protection plan (in accordance with the outline scour protection plan) including details of scour protection and cable protection including details of the need, type, sources, quantity and installation methods for scour protection and cable protection, with details updated and resubmitted for approval if changes to it are proposed following cable laying operations;
- (iii) cable installation methodology, including disposal of material extracted during seabed preparation for cable installation works and having regard to any mitigation scheme pursuant to sub-paragraph (1)(a);
- (iv) advisory safe passing distances for vessels around the sites where the licensed activities are taking place;
- (v) contractors;
- (vi) vessels and vessel transit corridors;
- (vii) associated ancillary works; and
- (viii) guard vessels to be employed;
- (d) a project environmental management plan (in accordance with the outline project environmental management plan) covering the period of construction and operation to include details of—
  - (i) a marine pollution contingency plan to address the risks, methods and procedures to deal with any spills and collision incidents during construction and operation of the authorised scheme in relation to all activities carried out;
  - (ii) a chemical risk assessment, including information regarding how and when chemicals are to be used, stored and transported in accordance with recognised best practice guidance;
  - (iii) waste management and disposal arrangements;
  - (iv) the appointment and responsibilities of a fisheries liaison officer;
  - (v) a fisheries liaison and coexistence plan (which accords with the outline fisheries liaison and co-existence plan) to ensure relevant fishing fleets are notified of commencement of licensed activities pursuant to condition 5 and to address the interaction of the licensed activities with fishing activities;
  - (vi) a code of conduct for vessel operators to reduce risk of injury to mammals; and
  - (vii) procedures, which must be adopted within vessel transit corridors to minimise disturbance to red-throated diver during the period 1 November to 31 March (inclusive), which must be in accordance with the best practice protocol for minimising disturbance to red-throated diver;
- (e) an archaeological written scheme of investigation in relation to the offshore Order limits seaward of MHWS, which must accord with the outline written scheme of investigation (offshore) and industry good practice, in consultation with the statutory historic body to include—
  - (i) details of responsibilities of the undertaker, archaeological consultant and contractor;
  - (ii) a methodology for further site investigation including any specifications for geophysical, geotechnical and diver or remotely operated vehicle investigations;
  - (iii) archaeological analysis of survey data, and timetable for reporting, which is to be submitted to the MMO within four months of any survey being completed;
  - (iv) delivery of any mitigation including, where necessary, identification and modification of archaeological exclusion zones;
  - (v) monitoring of archaeological exclusion zones during and post construction;

- (vi) a requirement for the undertaker to ensure that a copy of any agreed archaeological report is deposited with the Archaeological Data Service, by submitting an OASIS ('Online Access to the Index of archaeological investigations') form with a digital copy of the report within six months of completion of construction of the authorised scheme, and to notify the MMO and Historic England that the OASIS form has been submitted to the Archaeological Data Service within two weeks of submission;
  - (vii) a reporting and recording protocol, including reporting of any wreck or wreck material during construction, operation and decommissioning of the authorised scheme; and
  - (viii) a timetable for all further site investigations, which must allow sufficient opportunity to establish a full understanding of the historic environment within the offshore Order limits and the approval of any necessary mitigation required as a result of the further site investigations prior to commencement of licensed activities;
- (f) an aids to navigation management plan to be agreed in writing by the MMO following consultation with Trinity House, the MCA and UKHO specifying how the undertaker will ensure compliance with condition 6 from the commencement of construction of the authorised scheme to the completion of decommissioning; and
  - (g) a navigation management plan to manage crew transfer vessels (including daughter craft) during the construction and operation of the authorised scheme.

(2) Pre-commencement surveys and archaeological investigations and pre-commencement material operations which involve intrusive seabed works must only take place in accordance with a specific outline written scheme of investigation (which must accord with the details set out in the outline written scheme of investigation (offshore)) which has been submitted to and approved by the MMO.

(3) Any sediment removed from within the Dogger Bank Special Area of Conservation during construction of the authorised scheme must be disposed of within that part of the Dogger Bank Special Area of Conservation which falls within the Order limits.

(4) Each programme, statement, plan, protocol or scheme required to be approved under condition 11 must be submitted for approval at least four months before the intended commencement of licensed activities, except where otherwise stated or unless otherwise agreed in writing by the MMO.

(5) The MMO must determine an application for approval made under condition 11 within a period of four months commencing on the date the application is received by the MMO, unless otherwise agreed in writing with the undertaker.

(6) The licensed activities must be carried out in accordance with the programmes, statements, plans, protocols or schemes approved under condition 11 unless otherwise agreed in writing by the MMO.

### **Offshore safety management**

12. Any part of the authorised scheme must not be commenced until the MMO, in consultation with the MCA, has confirmed in writing that the undertaker has taken into account and, so far as is applicable to that stage of the project, adequately addressed all MCA recommendations as appropriate to the authorised scheme contained within MGN654 "Offshore Renewable Energy Installations (OREIs) – Guidance on UK Navigational Practice, Safety and Emergency Response Issues" (or any equivalent guidance that replaces or supersedes it) and its annexes.

### **Reporting of engaged agents, contractors and vessels**

13.—(1) The undertaker must provide the following information in writing to the MMO—

- (a) the name, function, company number (if applicable), registered or head office address (as appropriate) of any agent or contractor appointed to engage in the licensed activities within seven days of appointment; and

(b) each week during the construction of the authorised scheme a completed Hydrographic Note H102 listing the vessels currently and to be used in relation to the licensed activities.

(2) The undertaker must notify the MMO in writing of any vessel being used to carry on any licensed activity listed in this deemed marine licence on behalf of the undertaker. Such notification must be received by the MMO no less than 24 hours before the commencement of the licensed activity. Notification must include the master's name, vessel type, vessel IMO number and vessel owner or operating company

(3) Any changes to the supplied details must be notified to the MMO in writing at least 24 hours before the agent, contractor or vessel engages in the licensed activities.

### **Pre-construction monitoring and surveys**

14.—(1) The undertaker must, in discharging condition 11(1)(b), submit a monitoring plan or plans in accordance with the in principle monitoring plan for written approval in writing by the MMO in consultation with the relevant statutory nature conservation body, which must contain details of proposed monitoring and surveys, including methodologies and timings, and a proposed format and content for a pre-construction baseline report.

(2) The survey proposals submitted under sub-paragraph (1) must be in accordance with the principles set out in the in principle monitoring plan and must specify each survey's objectives and explain how it will assist in either informing a useful and valid comparison with the post-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(3) The baseline report proposals submitted under sub-paragraph (1) must ensure that the outcome of the agreed surveys, together with existing data and reports, are drawn together to present a valid statement of the pre-construction position, with any limitations, and must make clear what post-construction comparison is intended and the justification for this being required.

(4) The pre-construction surveys referred to in sub-paragraph (1) must, unless otherwise agreed in writing with the MMO, include, but not be limited to, the need to undertake—

(a) a survey to determine the location, extent and composition of habitats of principal importance, Annex 1 subtidal habitat, habitat with suitability for sandeel or surficial deposits of glacial till in the parts of the Order limits in which it is proposed to carry out construction works; and

(b) a swath-bathymetry survey to IHO Order 1a standard that meets the requirements MGN654 and its annexes, and side scan sonar, of the area(s) within the Order limits in which it is proposed to carry out construction works including an appropriate buffer around the location of each work.

(5) The undertaker must carry out the surveys specified within the monitoring plan or plans in accordance with that plan or plans, unless otherwise agreed in writing by the MMO in consultation with the relevant statutory nature conservation body.

(6) When any surveys are carried out in accordance with sub-paragraph (5) a survey report must be submitted to the MMO following completion of the relevant survey. Any report submitted under this sub-paragraph must be submitted prior to the commencement of licensed activities for the relevant stage.

### **Construction monitoring and surveys**

15.—(1) The undertaker must, in discharging condition 11(1)(b), for each phase of construction submit details (which accord with the in principle monitoring plan) for approval in writing by the MMO in consultation with the relevant statutory nature conservation bodies of any proposed monitoring and surveys, including methodologies and timings, to be carried out during the construction of the authorised scheme. The survey proposals must specify each survey's objectives and explain how it will assist in either informing a useful and valid comparison with the pre-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.



(2) The undertaker must carry out the surveys approved under sub-paragraph (1), and provide the agreed reports in the agreed format in accordance with the agreed timetable, unless otherwise agreed in writing with the MMO in consultation with the relevant statutory nature conservation bodies.

(3) The undertaker must carry out the surveys specified in the construction monitoring plan in accordance with that plan, unless otherwise agreed in writing by the MMO in consultation with the relevant statutory nature conservation body.

(4) Construction monitoring must include vessel traffic monitoring in accordance with the outline vessel traffic monitoring plan, including the provision of reports on the results of that monitoring by automatic identification system at the end of each year of the construction period to the MMO, MCA and Trinity House.

### **Post-construction monitoring and surveys**

16.—(1) The undertaker must, in discharging condition 11(1)(b), submit details (which accord with the in principle monitoring plan) for approval in writing by the MMO in consultation with the relevant statutory nature conservation bodies of proposed post-construction monitoring and surveys, including methodologies and timings, and a proposed format, content and timings for providing reports on the results.

(2) The survey proposals must specify each survey's objectives and explain how it will assist in either informing a useful and valid comparison with the pre-construction position and/or will enable the validation or otherwise of key predictions in the environmental statement.

(3) The post-construction surveys referred to in sub-paragraph (1) must, unless otherwise agreed with the MMO, have due regard to, but not be limited to, the need to—

- (a) undertake a survey to determine any change in the location, extent and composition of any habitats of principal importance, Annex I subtidal habitat, habitat with suitability for sandeel or surficial deposits of glacial till identified in the pre-construction survey in the parts of the Order limits in which construction works were carried out. The survey design must be informed by the results of the pre-construction benthic survey and the construction benthic surveys;
- (b) undertake, within twelve months of completion of the licensed activities, a full sea floor coverage swath-bathymetry survey that meets the requirements of MGN654 and its annexes, and side scan sonar, of the area(s) within the Order limits in which construction works were carried out to assess any changes in bedform topography and such further monitoring or assessment as may be agreed to ensure that cables (including fibre optic cables) have been buried or protected;
- (c) undertake any monitoring required by the SIP submitted in accordance with condition 12; and
- (d) undertake post-construction traffic monitoring in accordance with the outline vessel traffic monitoring plan, including the provision of reports on the results of that monitoring by automatic identification system to the MMO, the MCA and Trinity House.

(4) The undertaker must carry out the surveys agreed under sub-paragraph (1) and provide the agreed reports to the MMO in the agreed format in accordance with the agreed timetable, unless otherwise agreed in writing with the MMO in consultation with the relevant statutory nature conservation bodies.

(5) In the event that the reports provided to the MMO under sub-paragraph (4) identify a need for additional monitoring, the requirement for any additional monitoring will be agreed with the MMO in writing and implemented as agreed.

### **Reporting of scour and cable protection**

17.—(1) No more than four months following completion of the construction of the authorised scheme, the undertaker must provide the MMO and the relevant statutory nature conservation

bodies with a report setting out details of the cable protection and scour protection used for the authorised scheme.

(2) The report must include the following information—

- (a) the location of cable protection and scour protection;
- (b) the volume of cable protection and scour protection; and
- (c) any other information relating to the cable protection and scour protection as agreed between the MMO and the undertaker.

(3) Where any cable protection or scour protection is replenished following completion of construction the undertaker must submit an updated report in accordance with sub-paragraph (2) in writing to the MMO and the relevant statutory nature conservation bodies no more than four months following completion of the relevant replenishment being deposited.

### **Completion of construction**

**18.**—(1) The undertaker must submit a close out report to the MMO, the MCA, Trinity House, UKHO and the relevant statutory nature conservation body within three months of the date of completion of construction. The close out report must confirm the date of completion of construction and must include details of the latitude and longitude co-ordinates of the export cables, provided as Geographical Information System data referenced to WGS84 datum.

(2) Following completion of construction, no further construction activities can be undertaken under this deemed marine licence.

### **Collaboration**

**19.**—(1) Where DBSEL intend to submit plans and documentation required to be submitted to the MMO for approval in accordance with conditions 12 and 13, DBSEL must provide a copy of the relevant plans and documentation to DBSWL to enable DBSWL to provide any comments on the plans and documentation to DBSEL.

(2) The plans and documentation submitted to the MMO for approval in accordance with conditions 12 and 13 must be accompanied by any comments received by the undertaker from DBSWL in accordance with sub-paragraph (1) or a statement from the undertaker confirming that no such comments were received.

(3) Where DBSWL intend to submit plans and documentation required to be submitted to the MMO for approval in accordance with conditions 12 and 13, DBSWL must provide a copy of the relevant plans and documentation to DBSEL to enable DBSEL to provide any comments on the plans and documentation to DBSWL.

(4) The plans and documentation submitted to the MMO for approval in accordance with conditions 12 and 13 must be accompanied by any comments received by the undertaker from DBSEL in accordance with sub-paragraph (4) or a statement from the undertaker confirming that no such comments were received.

### **Maintenance reporting**

**20.**—(1) An annual maintenance report must be submitted to the MMO in writing within one month following the first anniversary of the date of commencement of operations, and every year thereafter until the permanent cessation of operation.

(2) The report must provide a record of the licensed activities undertaken as set out in condition 3 during the preceding year, the timing of activities and methodologies used.

(3) Every fifth year, the undertaker must submit to the MMO in writing, within one month of that date, a consolidated maintenance report, which will—

- (a) include a review of licensed activities undertaken during the preceding five years with reference to the reports submitted in accordance with condition 20 (1) of this licence.

- (b) reconfirm the applicability of the methodologies and frequencies of the licensable activities permitted by this licence for the remaining duration of this licence.

### **Sediment Sampling**

21.—(1) The undertaker must submit a sample plan request in writing to the MMO for written approval of a sample plan.

(2) The sample plan request must be made—

- (a) for capital dredging, at least six months prior to the commencement of any capital dredging; or
- (b) for maintenance dredging, at least six months prior to the end of every third year from the date of the previous sediment sample analysis.

(3) The sample plan request must include details of—

- (a) the volume of material to be dredged;
- (b) the location of the area to be dredged;
- (c) details of the material type proposed for dredging;
- (d) the type and dredging methodology (including whether it is a capital or maintenance dredge, depth of material to be dredged and proposed programme for the dredging activities); and
- (e) the location and depth of any supporting samples.

(4) Unless otherwise agreed by the MMO, the undertaker must undertake the sampling in accordance with the approved sample plan.

## **SCHEDULE 15**

Article 45

### **Protective provisions**

#### **PART 1**

##### **Protection of electricity, gas, water and sewerage undertakers**

#### **Application**

1. The provisions of this Part have effect unless otherwise agreed in writing between the undertaker and the utility undertaker in question.

#### **Interpretation**

2. In this Part—

“alternative apparatus” means alternative apparatus adequate to enable the utility undertaker in question to fulfil its statutory functions in a manner no less efficient than previously;

“apparatus” means—

- (a) in the case of a utility undertaker within paragraph (a) of the definition of that term, electric lines or electrical plant (as defined in the Electricity Act 1989(a)), belonging to or maintained by that licence holder;

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(a) 1989 c.29.

- (b) in the case of a utility undertaker within paragraph (b) of the definition of that term, any mains, pipes or other apparatus belonging to or maintained by that gas transporter within the meaning of Part 1 of the Gas Act 1986<sup>(a)</sup> for the purposes of gas supply;
- (c) in the case of a utility undertaker within paragraph (c) of the definition of that term, mains, pipes or other apparatus belonging to or maintained by that water undertaker for the purposes of water supply; and
- (d) in the case of a utility undertaker within paragraph (d) of the definition of that term—
  - (i) any drain or works vested in the sewerage undertaker under the Water Industry Act 1991<sup>(b)</sup>; and
  - (ii) any sewer which is so vested or is the subject of a notice of intention to adopt given under section 102(4) (adoption of sewers and disposal works) of that Act or an agreement to adopt made under section 104 (agreements to adopt sewer, drain or sewerage disposal works, at future date) of that Act<sup>(c)</sup>,

and includes a sludge main, disposal main (within the meaning of section 219 (general interpretation) of that Act) or sewer outfall and any manholes, ventilating shafts, pumps or other accessories forming part of any such sewer, drain or works,

and includes any structure in which apparatus is or is to be lodged or which gives or will give access to apparatus;

“functions” includes powers and duties;

“in” in a context referring to apparatus or alternative apparatus in land includes a reference to apparatus or alternative apparatus under, over or upon land;

“plan” includes all designs, drawings, specifications, method statements, soil reports, programmes, calculations, risk assessments and other documents that are reasonably necessary properly and sufficiently to describe the works to be executed; and

“utility undertaker” means—

~~(e)~~(a) any licence holder within the meaning of Part 1 of the Electricity Act 1989;

~~(f)~~(b) a gas transporter within the meaning of Part 1 of the Gas Act 1986;

~~(g)~~(c) a water undertaker within the meaning of the Water Industry Act 1991; and

~~(h)~~(d) a sewerage undertaker within the meaning of Part 1 of the Water Industry Act 1991,

for the area of the onshore works, and in relation to any apparatus, means the utility undertaker to whom it belongs or by whom it is maintained.

### **On street apparatus and offshore works**

3. This Part does not apply to—

- (a) apparatus in respect of which the relations between the undertaker and the utility undertaker are regulated by the provisions of Part 3 (street works in England and Wales) of the 1991 Act; and
- (b) the offshore works.

### **Acquisition of land**

4. Regardless of any provision of this Order or anything shown on the land plans, the undertaker must not acquire any apparatus otherwise than by agreement.

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(a) 1986 c.44.

(b) 1991 c.56.

(c) Section 104 was amended by section 42(3) of the Flood and Water Management Act 2010 (c.29).

## **Removal of apparatus**

5.—(1) If, in the exercise of the powers conferred by this Order, the undertaker acquires any interest in any land in which any apparatus is placed or requires that the utility undertaker's apparatus is relocated or diverted, that apparatus must not be removed under this Part, and any right of a utility undertaker to maintain that apparatus in that land must not be extinguished until alternative apparatus has been constructed and is in operation to the reasonable satisfaction of the utility undertaker in question.

(2) If, for the purpose of executing any works in, on or under any land purchased, held, appropriated or used under this Order, the undertaker requires the removal of any apparatus placed in that land, the undertaker must give to the utility undertaker in question 28 days' written notice of that requirement, together with a plan of the work proposed, and of the proposed position of the alternative apparatus to be provided or constructed; and in that case (or if in consequence of the exercise of any of the powers conferred by this Order a utility undertaker reasonably needs to remove any of its apparatus) the undertaker must, subject to sub-paragraph (3), afford to the utility undertaker the necessary facilities and rights for the construction of alternative apparatus in other land of the undertaker and subsequently for the maintenance of that apparatus.

(3) If alternative apparatus or any part of such apparatus is to be constructed elsewhere than in other land of the undertaker, or the undertaker is unable to afford such facilities and rights as are mentioned in sub-paragraph (2) in the land in which the alternative apparatus or part of such apparatus is to be constructed, the utility undertaker in question must, on receipt of a written notice to that effect from the undertaker, as soon as reasonably possible use reasonable endeavours to obtain the necessary facilities and rights in the land in which the alternative apparatus is to be constructed.

(4) Any alternative apparatus to be constructed in land of the undertaker under this Part must be constructed in such manner and in such line or situation as may be agreed between the utility undertaker in question and the undertaker or in default of agreement settled by arbitration in accordance with article 47 (arbitration).

(5) The utility undertaker in question must, after the alternative apparatus to be provided or constructed has been agreed or settled by arbitration in accordance with article 47 (arbitration), and after the grant to the utility undertaker of any such facilities and rights as are referred to in sub-paragraph (2) or (3), proceed without unnecessary delay to construct and bring into operation the alternative apparatus and subsequently to remove any apparatus required by the undertaker to be removed under the provisions of this Part.

(6) Regardless of anything in sub-paragraph (5), if the undertaker gives notice in writing to the utility undertaker in question that the undertaker desires itself to execute any work, or part of any work, in connection with the construction or removal of apparatus in any land of the undertaker, that work, instead of being executed by the utility undertaker, must be executed by the undertaker without unnecessary delay under the superintendence, if given, and to the reasonable satisfaction of the utility undertaker.

(7) Nothing in sub-paragraph (6) authorises the undertaker to execute the placing, installation, bedding, packing, removal, connection or disconnection of any apparatus, or execute any filling around the apparatus (where the apparatus is laid in a trench) within 300 millimetres of the apparatus.

## **Facilities and rights for alternative apparatus**

6.—(1) Where, in accordance with the provisions of this Part, the undertaker affords to a utility undertaker facilities and rights for the construction and maintenance in land of the undertaker of alternative apparatus in substitution for apparatus to be removed, those facilities and rights must be granted upon such terms and conditions as may be agreed between the undertaker and the utility undertaker in question or in default of agreement settled by arbitration in accordance with article 47 (arbitration).

(2) In settling those terms and conditions in respect of alternative apparatus to be constructed in or along the authorised development, the arbitrator must—

- (a) give effect to all reasonable requirements of the undertaker for ensuring the safety and efficient operation of the authorised development and for securing any subsequent alterations or adaptations of the alternative apparatus that may be required to prevent interference with any proposed works of the undertaker; and
- (b) so far as it may be reasonable and practicable to do so in the circumstances of the particular case, give effect to the terms and conditions, if any, applicable to the apparatus constructed in or along the authorised project for which the alternative apparatus is to be substituted.

(3) If the facilities and rights to be afforded by the undertaker in respect of any alternative apparatus, and the terms and conditions subject to which those facilities and rights are to be granted, are in the opinion of the arbitrator less favourable on the whole to the utility undertaker in question than the facilities and rights enjoyed by it in respect of the apparatus to be removed and the terms and conditions to which those facilities and rights are subject, the arbitrator must make such provision for the payment of compensation by the undertaker to that utility undertaker as appears to the arbitrator to be reasonable having regard to all the circumstances of the particular case.

### **Retained apparatus**

7.—(1) Not less than 28 days before starting the execution of any works in, on or under any land purchased, held, appropriated or used under this Order that are near to, or will or may affect, any apparatus the removal of which has not been required by the undertaker under paragraph 5(2), the undertaker must submit to the utility undertaker in question a plan of the works to be executed.

(2) Those works must be executed only in accordance with the plan submitted under sub-paragraph (1) and in accordance with such reasonable requirements as may be made in accordance with sub-paragraph (3) by the utility undertaker for the alteration or otherwise for the protection of the apparatus, or for securing access to it, and the utility undertaker is entitled to watch and inspect the execution of those works.

(3) Any requirements made by a utility undertaker under sub-paragraph (2) must be made within a period of 21 days beginning with the date on which a plan under sub-paragraph (1) is submitted to it.

(4) If a utility undertaker, in accordance with sub-paragraph (3) and in consequence of the works proposed by the undertaker, reasonably requires the removal of any apparatus and gives written notice to the undertaker of that requirement, the provisions of this Part apply as if the removal of the apparatus had been required by the undertaker under paragraph 5(2).

(5) Nothing in this paragraph precludes the undertaker from submitting at any time or from time to time, but in no case less than 28 days before commencing the execution of any works, a new plan instead of the plan previously submitted, and having done so the provisions of this paragraph apply to and in respect of the new plan.

(6) The undertaker is not required to comply with sub-paragraph (1) in a case of emergency but in that case it must give to the utility undertaker in question notice as soon as is reasonably practicable and a plan of those works as soon as reasonably practicable subsequently and must comply with sub-paragraph (2) in so far as is reasonably practicable in the circumstances.

### **Expenses and costs**

8.—(1) Subject to the following provisions of this paragraph, the undertaker must repay to a utility undertaker the reasonable expenses agreed with the undertaker in advance and reasonably incurred by that utility undertaker in, or in connection with, the inspection, removal, alteration or protection of any apparatus or the construction of any new apparatus which may be required in consequence of the execution of any such works as are referred to in paragraph ~~5(2)~~5(2).

(2) The value of any apparatus removed under the provisions of this Part must be deducted from any sum payable under sub-paragraph (1), that value being calculated after removal.

(3) If in accordance with the provisions of this Part—

- (a) apparatus of better type, of greater capacity or of greater dimensions is placed in substitution for existing apparatus of worse type, of smaller capacity or of smaller dimensions; or
- (b) apparatus (whether existing apparatus or apparatus substituted for existing apparatus) is placed at a depth greater than the depth at which the existing apparatus was situated,

and the placing of apparatus of that type or capacity or of those dimensions or the placing of apparatus at that depth, as the case may be, is not agreed by the undertaker or, in default of agreement, is not determined by arbitration in accordance with article 47 (arbitration) to be necessary then, if such placing involves cost in the construction of works under this Part exceeding that which would have been involved if the apparatus placed had been of the existing type, capacity or dimensions, or at the existing depth, as the case may be, the amount which apart from this sub-paragraph would be payable to the utility undertaker in question by virtue of sub-paragraph (1) must be reduced by the amount of that excess.

(4) For the purposes of sub-paragraph (3)—

- (a) an extension of apparatus to a length greater than the length of existing apparatus must not be treated as a placing of apparatus of greater dimensions than those of the existing apparatus; and
- (b) where the provision of a joint in a pipe or cable is agreed, or is determined to be necessary, the consequential provision of a jointing chamber or of a manhole must be treated as if it also had been agreed or had been so determined.

(5) An amount which apart from this sub-paragraph would be payable to a utility undertaker in respect of works by virtue of sub-paragraph (1) must, if the works include the placing of apparatus provided in substitution for apparatus placed more than 7 years and 6 months earlier so as to confer on the utility undertaker any financial benefit by deferment of the time for renewal of the apparatus in the ordinary course, be reduced by the amount which represents that benefit.

9.—(1) Subject to sub-paragraph (2), if by reason or in consequence of the construction of any such works referred to in paragraph 5(2) any damage is caused to any apparatus (other than apparatus the repair of which is not reasonably necessary in view of its intended removal for the purposes of those works) or property of a utility undertaker, or there is any interruption in any service provided, or in the supply of any goods, by any utility undertaker, the undertaker must—

- (a) bear and pay the cost reasonably incurred by that utility undertaker in making good such damage or restoring the supply; and
- (b) make reasonable compensation to that utility undertaker for any other expenses, loss, damages, penalty or costs incurred by the utility undertaker,

by reason or in consequence of any such damage or interruption.

(2) Nothing in sub-paragraph (1) imposes any liability on the undertaker with respect to any damage or interruption to the extent that it is attributable to the act, neglect or default of a utility undertaker, its officers, servants, contractors or agents.

(3) A utility undertaker must give the undertaker reasonable notice of any such claim or demand and no settlement or compromise is to be made without the consent of the undertaker and, if such consent is withheld, the undertaker has the sole conduct of any settlement or compromise or of any proceedings necessary to resist the claim or demand.

## Miscellaneous

10. Nothing in this Part affects the provisions of any enactment or agreement regulating the relations between the undertaker and a utility undertaker in respect of any apparatus in land belonging to the undertaker on the date on which this Order is made.

## PART 2

### Protection for operators of electronic communications code networks

1. The provisions of this Part have effect unless otherwise agreed in writing between the undertaker and the operator in question.

2. In this Part—

“the 2003 Act” means the Communications Act 2003(a);

“electronic communications apparatus” has the same meaning as in the electronic communications code;

“the electronic communications code” has the same meaning as in section 106(b) (application of the electronic communications code) of the 2003 Act;

“electronic communications code network” means—

(a) so much of an electronic communications network or infrastructure system provided by an electronic communications code operator as is not excluded from the application of the electronic communications code by a direction under section 106 (application of the electronic communications code) of the 2003 Act; and

(b) an electronic communications network which the undertaker is providing or proposing to provide;

“electronic communications code operator” means a person in whose case the electronic communications code is applied by a direction under section 106 (application of the electronic communications code) of the 2003 Act;

“infrastructure system” has the same meaning as in the electronic communications code and references to providing an infrastructure system are to be construed in accordance with paragraph 7 (infrastructure system) of that code; and

“operator” means the operator of an electronic communications code network.

3. The exercise of the powers conferred by article 32 (statutory undertakers) are subject to Part 10 (undertaker’s works affecting electronic communications apparatus) of the electronic communications code.

4.—(1) Subject to sub-paragraphs (2) to (4), if as a result of the authorised development or its construction, or of any subsidence resulting from the authorised development—

(a) any damage is caused to any electronic communications apparatus belonging to an operator (other than apparatus the repair of which is not reasonably necessary in view of its intended removal for the purposes of the authorised development), or other property of an operator; or

(b) there is any interruption in the supply of the service provided by an operator,

the undertaker must bear and pay the cost agreed by the undertaker in advance and reasonably incurred by the operator in making good such damage or restoring the supply and make reasonable compensation to that operator for any other expenses, loss, damages, penalty or costs incurred by it by reason, or in consequence of, any such damage or interruption.

(2) Nothing in sub-paragraph (1) imposes any liability on the undertaker with respect to any damage or interruption to the extent that it is attributable to the act, neglect or default of an operator, its officers, servants, contractors or agents.

(3) The operator must give the undertaker reasonable notice of any such claim or demand and no settlement or compromise of the claim or demand is to be made without the consent of the undertaker and, if such consent is withheld, the undertaker has the sole conduct of any settlement or compromise or of any proceedings necessary to resist the claim or demand.

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(a) 2003 c.21.

(b) Section 106 was amended by section 4 of the Digital Economy Act 2017.



(4) Any difference arising between the undertaker and the operator under this Part must be referred to and settled by arbitration under article 47 (arbitration).

(5) This Part does not apply to—

- (a) any apparatus in respect of which the relations between the undertaker and an operator are regulated by the provisions of Part 3 (street works in England and Wales) of the 1991 Act; or
- (b) any damage, or any interruption, caused by electro-magnetic interference arising from the construction or use of the authorised project.

5. Nothing in this Part affects the provisions of any enactment or agreement regulating the relations between the undertaker and an operator in respect of any apparatus in land belonging to the undertaker on the date on which this Order is

## PART 3

### For the protection of the Environment Agency

1.—(1) The following provisions apply for the protection of the Agency unless otherwise agreed in writing between the undertaker and the Agency.

(2) In this Part of this Schedule—

“the Agency” means the Environment Agency;

“construction” includes execution, placing, altering, replacing, relaying and removal and excavation and “construct” and “constructed” shall be construed accordingly;

“drainage work” means any main river and includes any land which provides or is expected to provide flood storage capacity for any main river and any bank, wall, embankment or other structure, or any appliance, constructed or used for land drainage, flood defence or tidal monitoring;

“the fishery” means any waters containing fish and fish in, or migrating to or from, such waters and the spawn, spawning ground, habitat or food of such fish;

“main river” means all watercourses shown as such on the statutory main river maps held by the Agency and the Department for Environment, Food and Rural Affairs including any structure or appliance for controlling or regulating the flow of water in or out of the channel;

“plans” includes sections, drawings, specifications, calculations and method statements;

“specified work” means so much of any work or operation authorised by this Order as is in, on, under, over or within 16 metres of a drainage work or is otherwise likely to—

- (a) affect any drainage work or the volumetric rate of flow of water in or flowing to or from any drainage work;
- (b) affect the flow, purity or quality of water in any watercourse or other surface waters or ground water;
- (c) cause obstruction to the free passage of fish or damage to any fishery;
- (d) affect the conservation, distribution or use of water resources.; or
- (e) affect the conservation value of the main river and habitats in its immediate vicinity; and

“watercourse” includes all rivers, streams, ditches, drains, cuts, culverts, dykes, sluices, basins, sewers and passages through which water flows except a public sewer.

2.—(1) Before beginning to construct any specified work, the undertaker must submit to the Agency plans of the specified work and such further particulars available to it as the Agency may within 28 days of the receipt of the plans reasonably request.

(2) Any such specified work must not be constructed except in accordance with such plans as may be approved in writing by the Agency, or determined under paragraph 11.

(3) Any approval of the Agency required under this paragraph—

- (a) must not be unreasonably withheld or delayed;
- (b) is deemed to have been refused if it is neither given nor refused within 2 months of the submission of the plans or receipt of further particulars if such particulars have been requested by the Agency for approval; and
- (c) may be given subject to such reasonable requirements as the Agency may have for the protection of any drainage work or the fishery or for the protection of water resources, or for the prevention of flooding or pollution or in the discharge of its environmental duties.

(4) The Agency must use its reasonable endeavours to respond to the submission of any plans before the expiration of the period mentioned in sub-paragraph (3)(b).

(5) In the case of a refusal, if requested to do so the Agency must provide reasons for the grounds of that refusal.

3. Without limiting paragraph 2, the requirements which the Agency may have under that paragraph include conditions requiring the undertaker at its own expense to construct such protective works, whether temporary or permanent, before or during the construction of the specified works (including the provision of flood banks, walls or embankments or other new works and the strengthening, repair or renewal of existing banks, walls or embankments) as are reasonably necessary—

- (a) to safeguard any drainage work against damage; or
- (b) to secure that its efficiency for flood defence purposes is not impaired and that the risk of flooding is not otherwise increased,

by reason of any specified work.

4.—(1) Subject to sub-paragraph (2), any specified work, and all protective works required by the Agency under paragraph 3, must be constructed—

- (a) without unreasonable delay in accordance with the plans approved under this Part; and
- (b) to the reasonable satisfaction of the Agency, and the Agency shall be entitled by its officer to watch and inspect the construction of such works.

(2) The undertaker must give to the Agency not less than 14 days' notice in writing of its intention to commence construction of any specified work and notice in writing of its completion not later than 7 days after the date on which it is completed.

(3) If the Agency reasonably requires, the undertaker must construct all or part of the protective works so that they are in place prior to the construction of any specified work.

(4) If any part of a specified work or any protective work required by the Agency is constructed otherwise than in accordance with the requirements of this Part, the Agency may by notice in writing require the undertaker at the undertaker's own expense to comply with the requirements of this Part or (if the undertaker so elects and the Agency in writing consents, such consent not to be unreasonably withheld or delayed) to remove, alter or pull down the work and, where removal is required, to restore the site to its former condition to such extent and within such limits as the Agency reasonably requires.

(5) Subject to sub-paragraph (6) and paragraph 9, if, within a reasonable period, being not less than 28 days beginning with the date when a notice under sub-paragraph (4) is served upon the undertaker, the undertaker has failed to begin taking steps to comply with the requirements of the notice and has not subsequently made reasonably expeditious progress towards their implementation, the Agency may execute the works specified in the notice, and any expenditure incurred by the Agency in so doing shall be recoverable from the undertaker.

(6) In the event of any dispute as to whether sub-paragraph (4) is properly applicable to any work in respect of which notice has been served under that sub-paragraph, or as to the reasonableness of any requirement of such a notice, the Agency shall not, except in the case of an emergency, exercise the powers conferred by sub-paragraph (4) until the dispute has been finally determined in accordance with paragraph 11.

5.—(1) Subject to sub-paragraph (6) the undertaker must from the commencement of the construction of the specified works maintain in good repair and condition and free from

obstruction any drainage work which is situated within the limits of deviation and on land held by the undertaker for the purposes of or in connection with the specified works, whether or not the drainage work is constructed under the powers conferred by this Order or is already in existence.

(2) If any such drainage work which the undertaker is liable to maintain is not maintained to the reasonable satisfaction of the Agency, the Agency may by notice in writing require the undertaker to repair and restore the work, or any part of such work, or (if the undertaker so elects and the Agency in writing consents, such consent not to be unreasonably withheld or delayed), to remove the work and restore the site to its former condition, to such extent and within such limits as the Agency reasonably requires.

(3) Subject to sub-paragraph (5) and paragraph 9, if, within a reasonable period, being not less than 28 days beginning with the date on which a notice in respect of any drainage work is served under sub-paragraph (2) on the undertaker, the undertaker has failed to begin taking steps to comply with the requirements of the notice and has not subsequently made reasonably expeditious progress towards their implementation, the Agency may do what is necessary for such compliance and any expenditure incurred by the Agency in so doing shall be recoverable from the undertaker.

(4) If there is any failure by the undertaker to obtain consent or comply with conditions imposed by the Agency in accordance with these Protective Provisions the Agency may serve written notice requiring the undertaker to cease all or part of the specified works and the undertaker must cease the specified works or part thereof until it has obtained the consent or complied with the condition unless the cessation of the specified works or part thereof would cause greater damage than compliance with the written notice.

(5) In the event of any dispute as to the reasonableness of any requirement of a notice served under sub-paragraph (2), the Agency shall not, except in the case of an emergency, exercise the powers conferred by sub-paragraph (3) until the dispute has been finally determined in accordance with paragraph 11.

(6) This paragraph does not apply to—

- (a) drainage works which are vested in the Agency, or which the Agency or another person is liable to maintain and is not proscribed by the powers of the Order from doing so; and
- (b) any obstruction of a drainage work expressly authorised in the approval of specified works plans and carried out in accordance with the provisions of this Part provided that any obstruction is removed as soon as reasonably practicable.

6. Subject to paragraph 9 and paragraph 5(6)(b), if by reason of the construction of any specified work or of the failure of any such work, the efficiency of any drainage work for flood defence purposes is impaired, or that drainage work is otherwise damaged, such impairment or damage must be made good by the undertaker to the reasonable satisfaction of the Agency and if the undertaker fails to do so, the Agency may make good the impairment or damage and recover any expenditure incurred by the Agency in so doing from the undertaker.

7. If by reason of construction of the specified work the Agency's access to flood defences or equipment maintained for flood defence purposes is materially obstructed, the undertaker must provide such alternative means of access that will allow the Agency to maintain the flood defence or use the equipment no less effectively than was possible before the obstruction within 24 hours of the undertaker becoming aware of such obstruction.

8.—(1) The undertaker must take all such measures as may be reasonably practicable to prevent any interruption of the free passage of fish in the fishery during the construction of any specified work.

(2) If by reason of—

- (a) the construction of any specified work; or
- (b) the failure of any such work,

damage to the fishery is caused, or the Agency has reason to expect that such damage may be caused, the Agency may serve notice on the undertaker requiring it to take such steps as may be reasonably practicable to make good the damage, or, as the case may be, to protect the fishery against such damage.

(3) Subject to paragraph 9, if within such time as may be reasonably practicable for that purpose after the receipt of written notice from the Agency of any damage or expected damage to a fishery, the undertaker fails to take such steps as are described in sub-paragraph (2), the Agency may take those steps and any expenditure incurred by the Agency in so doing shall be recoverable from the undertaker.

(4) Subject to paragraph 9, in any case where immediate action by the Agency is reasonably required in order to secure that the risk of damage to the fishery is avoided or reduced, the Agency may take such steps as are reasonable for the purpose, and may recover from the undertaker any expenditure incurred in so doing provided that notice specifying those steps is served on the undertaker as soon as reasonably practicable after the Agency has taken, or commenced to take, the steps specified in the notice.

**9.** The undertaker shall indemnify the Agency in respect of all costs, charges and expenses which the Agency may incur—

- (a) in the examination or approval of plans under this Part;
- (b) in the inspection of the construction of the specified works or any protective works required by the Agency under this Part; and
- (c) in the carrying out of any surveys or tests by the Agency which are reasonably required in connection with the construction of the specified works.

**10.—(1)** The undertaker is responsible for and shall indemnify the Agency against all costs and losses not otherwise provided for in this Part which may be incurred or suffered by the Agency by reason of—

- (a) the construction, operation or maintenance of any specified works comprised within the authorised works or the failure of any such works comprised within them; or
- (b) any act or omission of the undertaker, its employees, contractors or agents or others whilst engaged upon the construction, operation or maintenance of the authorised works or dealing with any failure of the authorised works.

(2) For the avoidance of doubt, in sub-paragraph (1)—

“costs” includes—

- (a) expenses and charges;
- (b) staff costs and overheads;
- (c) legal costs;

“losses” includes physical damage.

(3) The undertaker shall indemnify the Agency against all liabilities, claims and demands arising out of or in connection with the authorised works or otherwise out of the matters referred to in sub-paragraph (1)(a) and (1)(b).

(4) For the avoidance of doubt, in sub-paragraph (3)—

“claims” and “demands” include as applicable—

- (a) costs (within the meaning of sub-paragraph (2)) incurred in connection with any claim or demand; and
- (b) any interest element of sums claimed or demanded;

“liabilities” includes—

- (a) contractual liabilities;
- (b) tortious liabilities (including liabilities for negligence or nuisance);
- (c) liabilities to pay statutory compensation or for breach of statutory duty;
- (d) liabilities to pay statutory penalties imposed on the basis of strict liability (but does not include liabilities to pay other statutory penalties).

(5) The Agency must give to the undertaker reasonable notice of any such claim or demand, and no settlement or compromise shall be made without the agreement of the undertaker which agreement shall not be unreasonably withheld or delayed.

(6) The Agency must, at all times, take reasonable steps to prevent and mitigate any such claims, demands, proceedings, costs, damages, expenses or loss.

(7) The fact that any work or thing has been executed or done by the undertaker in accordance with a plan approved by the Agency, or to its satisfaction, or in accordance with any directions or award of an arbitrator, shall not relieve the undertaker from any liability under the provisions of this Part.

(8) Nothing in this paragraph imposes any liability on the undertaker with respect to any costs, losses, claims, demands, or liabilities to the extent that they are attributable to the neglect or default of the Agency, its officers, servants, contractors or agents.

11. Any dispute arising between the undertaker and the Agency under this Part shall, if the parties agree, be determined by arbitration under article 47 (arbitration), but shall otherwise be determined by the Secretary of State for Environment, Food and Rural Affairs or its successor and the Secretary of State for Energy Security and Net Zero or its successor acting jointly on a reference to them by the undertaker or the Agency, after notice in writing by one to the other.

## PART 4

### For the protection of the drainage authorities

1. The provisions of this Part have effect for the protection of a drainage authority unless otherwise agreed in writing between the undertaker and the drainage authority.

2. In this Part of this Schedule—

“construction” includes execution, placing, altering, replacing, relaying and removal and excavation and “construct” and “constructed” is to be construed accordingly;

“drainage authority” means in relation to an ordinary watercourse, the drainage board concerned within the meaning of section 23 (prohibition on obstructions etc. in watercourses) of the Land Drainage Act 1991( );

“drainage work” means any ordinary watercourse and includes any bank, wall, embankment or other structure, or any appliance, constructed or used for land drainage or flood defence in connection with an ordinary watercourse which is the responsibility of the drainage authority;

“independent review” means a review carried out by a third party confirming the findings of the undertaker in the assessment of the impact of the proposed specified work on flood risk;

“ordinary watercourse” has the meaning given by section 72 (interpretation) of the Land Drainage Act 1991;

“plans” includes any information reasonably required by the drainage authority including location details, grid references, sections, drawings, specifications, assessments and method statements; and

“specified work” means so much of any work or operation authorised by this Order as is in, on, under over or within 9 metres of a drainage work and which comprises any of the following works carried out in relation to or which may affect any ordinary watercourse—

- (a) the erection of any mill, dam, weir, or other similar obstruction to the flow of an ordinary watercourse, or raising or otherwise altering any such obstruction;
- (b) the construction or installation of a bridge or other structure;
- (c) the erection of a culvert in an ordinary watercourse;
- (d) the alteration of an ordinary watercourse or a culvert or other form of drainage infrastructure in a manner that would be likely to affect the flow of an ordinary watercourse;

- (e) the introduction by means of any channel, siphon, pipeline or sluice or by any other means whatsoever any water into any ordinary watercourse within the Order limits so as to directly or indirectly increase the flow or volume of water in any ordinary watercourse within the Order limits without the previous consent of the drainage authority;
- (f) any work likely to obstruct flow or adversely affect the integrity of any embankment, wall or enclosing structure containing an ordinary watercourse.

3.—(1) Before commencing construction of a specified work, the undertaker must submit to the drainage authority plans of the specified work, including an independent review and such further particulars available to it as the drainage authority may within 14 days of the submission of the plans reasonably request.

(2) The undertaker must not commence construction of the specified work until approval, unconditionally or conditionally, has been given as provided in this paragraph.

(3) A specified work must not be constructed except in accordance with such plans as may be approved in writing by the drainage authority or determined under paragraph 12.

(4) Any approval of the drainage authority required under this paragraph—

- (a) must not be unreasonably withheld or delayed;
- (b) is deemed to have been given if it is neither given nor refused within 56 days of the submission of the plans for approval, or submission of further particulars (where required by the drainage authority under sub-paragraph (1)) whichever is the later; and
- (c) may be given subject to such reasonable requirements as the drainage authority may make for the protection of any drainage work, for the protection of any ordinary watercourse or for the prevention of flooding.

(5) Any refusal under this paragraph must be accompanied by a statement of the reasons for refusal.

4. Without limiting paragraph 3, the requirements which the drainage authority may make under that paragraph include conditions requiring the undertaker at its own expense to construct such protective works, whether temporary or permanent, during the construction of the specified work (including the provision of flood banks, walls or embankments or other new works and the strengthening, repair or renewal of existing banks, walls or embankments) as are reasonably necessary—

- (a) to safeguard any drainage work against damage by reason of any specified work; or
- (b) to secure that the efficiency of any drainage work for flood defence and land drainage purposes is not impaired, and that the risk of flooding is not otherwise increased, by reason of any specified work.

5.—(1) Subject to sub-paragraph (2), any specified work, and all protective works required by the drainage authority under paragraph 4, must be constructed—

- (a) without unreasonable delay in accordance with the plans approved or deemed to have been approved or settled under this Part of this Schedule; and
- (b) to the reasonable satisfaction of the drainage authority, and an officer of the drainage authority is entitled to watch and inspect the construction of such works.

(2) The undertaker must give to the drainage authority—

- (a) not less than 14 days' notice in writing of its intention to commence construction of any specified work; and
- (b) notice in writing of its completion not later than 7 days after the date of completion.

(3) If the drainage authority reasonably requires, the undertaker must construct all or part of the protective works so that they are in place before the construction of the specified work to which the protective works relate.

(4) If any part of a specified work or any protective work required by the drainage authority is constructed otherwise than in accordance with the requirements of this Part of this Schedule, the drainage authority may by notice in writing require the undertaker at the undertaker's expense to

comply with the requirements of this Part of this Schedule or (if the undertaker so elects and the drainage authority in writing consents, such consent not to be unreasonably withheld or delayed) to remove, alter or pull down the work and, where removal is agreed, to restore the site to its former condition to such extent and within such limits as the drainage authority reasonably requires.

(5) Subject to sub-paragraph (6) and paragraphs 9 and 10, if within a reasonable period, being not less than 28 days from the date when a notice under sub-paragraph (4) is served on the undertaker, the undertaker has failed to begin taking steps to comply with the requirements of the notice and subsequently to make reasonably expeditious progress towards their implementation, the drainage authority may execute the works specified in the notice and any reasonable expenditure incurred by it in so doing is recoverable from the undertaker.

(6) In the event of any dispute as to whether sub-paragraph (4) is properly applicable to any work in respect of which notice has been served under that sub-paragraph, or as to the reasonableness of any requirement of such a notice, the drainage authority must not except in an emergency exercise the powers conferred by sub-paragraph (5) until the dispute has been finally determined in accordance with paragraph 12.

6.—(1) Subject to sub-paragraph (5), the undertaker must from the commencement of the construction of the specified work maintain in good repair and condition and free from obstruction any drainage work which is situated within the limits of deviation on land held by the undertaker for the purpose of or in connection with the specified work, whether or not the drainage work is constructed under the powers conferred by this Order or is already in existence.

(2) If any drainage work which the undertaker is liable to maintain is not maintained to the reasonable satisfaction of the drainage authority, the drainage authority may by notice in writing require the undertaker to repair and restore the work, or any part of the work, or (if the undertaker so elects and the drainage authority in writing consents, such consent not to be unreasonably withheld or delayed), to remove the specified work and restore the site to its former condition, to such extent and within such limits as the drainage authority reasonably requires.

(3) Subject to sub-paragraph (4) and paragraphs 9 and 10, if, within a reasonable period being not less than 28 days beginning with the date on which a notice in respect of any drainage work is served under sub-paragraph (2) on the undertaker, the undertaker has failed to begin taking steps to comply with the reasonable requirements of the notice and has not subsequently made reasonably expeditious progress towards their implementation, the drainage authority may do what is reasonably necessary for such compliance and may recover any reasonable expenditure reasonably incurred by it in so doing from the undertaker.

(4) In the event of any dispute as to the reasonableness of any requirement of a notice served under sub-paragraph (2), the drainage authority must not except in a case of emergency exercise the powers conferred by sub-paragraph (3) until the dispute has been finally determined in accordance with paragraph 12.

(5) This paragraph does not apply to—

- (a) drainage works which are vested in the drainage authority, or which the drainage authority or another person is liable to maintain and is not prevented by this Order from so doing; and
- (b) any obstruction of a drainage work for the purpose of a work or operation authorised by this Order and carried out in accordance with the provisions of this Part of this Schedule provided that any obstruction is removed as soon as reasonably practicable.

7. Subject to paragraphs 9 and 10 and paragraph 6(5)(b), if by reason of the construction of any specified work or of the failure of any such work the efficiency of any drainage work for flood defence purposes or land drainage is impaired, or that drainage work is otherwise damaged, such impairment or damage must be made good by the undertaker to the reasonable satisfaction of the drainage authority and, if the undertaker fails to do so, the drainage authority may make good the impairment or damage and recover from the undertaker any expenditure incurred by the drainage authority in so doing from the undertaker.

**8.** If by reason of the construction of the specified work the drainage authority's access to flood defences or equipment maintained for flood defence purposes is materially obstructed, the undertaker must provide such alternative means of access that will allow the drainage authority to maintain the flood defence or use the equipment no less effectively than was possible before the obstruction within 24 hours of the undertaker becoming aware of such obstruction.

**9.** The undertaker must make reasonable compensation for costs, charges and expenses which the drainage authority may reasonably incur—

- (a) in the examination or approval of plans under this Part of this Schedule;
- (b) in the inspection of the construction of the specified works or any protective works required by the drainage authority under this Part of this Schedule; and
- (c) in the carrying out of any surveys or tests by the drainage authority which are reasonably required in connection with the construction of the specified works.

**10.—(1)** The undertaker must make reasonable compensation for costs and losses which may be reasonably incurred or suffered by the drainage authority by reason of—

- (a) the construction of any specified work comprised within the authorised works; or
- (b) any act or omission of the undertaker, its employees, contractors or agents or others whilst engaged upon the construction of the specified works.

(2) In sub-paragraph (1)—

“costs” includes—

- (a) expenses and charges;
- (b) staff costs and overheads; and
- (c) legal costs; and

“losses” includes physical damage.

(3) The undertaker must make reasonable compensation for liabilities, claims and demands against the drainage authority arising out of or in connection with the specified works or otherwise out of the matters referred to in sub-paragraphs (1)(a) and (1)(b).

(4) In sub-paragraph (3)—

“claims” and “demands” include as applicable—

- (a) costs (within the meaning of sub-paragraph (2)) incurred in connection with any claim or demand; and
- (b) any interest element of sums claimed or demanded; and

“liabilities” includes—

- (a) contractual liabilities;
- (b) tortious liabilities (including liabilities for negligence or nuisance);
- (c) liabilities to pay statutory compensation or for breach of statutory duty; and
- (d) liabilities to pay statutory penalties imposed on the basis of strict liability (but does not include liabilities to pay other statutory penalties).

(5) The drainage authority must give to the undertaker notice of any such claim or demand.

(6) The undertaker may at its own expense conduct all negotiations for the settlement of the same and any litigation that may arise therefrom.

(7) The drainage authority must not compromise or settle any such claim or make any admission which might be prejudicial to the claim without the agreement of the undertaker which agreement must not be unreasonably withheld or delayed.

(8) The drainage authority must, at all times take reasonable steps to prevent and mitigate any such claims, demands, proceedings, costs, damages, expenses or loss.



(9) The drainage authority must, at the request of the undertaker, afford all reasonable assistance for the purpose of contesting any such claim or action and is entitled to be repaid its reasonable expenses reasonably incurred in so doing.

(10) Nothing in this paragraph imposes any liability on the undertaker with respect to any costs, losses, claims, demands or liabilities to the extent that they are attributable to the neglect or default of the Agency, its officers, servants, contractors or agents.

11. The fact that any work or thing has been executed or done by the undertaker in accordance with a plan approved or deemed to be approved by the drainage authority, or to its satisfaction, or in accordance with any directions or award of an arbitrator, does not relieve the undertaker from any liability under this Part of this Schedule.

12. Any dispute arising between the undertaker and the drainage authority under this Part of this Schedule, if the parties agree, is to be determined by arbitration under article 47 (arbitration), but otherwise is to be determined by the Secretary of State for Energy Security and Net Zero on a reference to them by the undertaker or the drainage authority, after notice in writing by one to the other.

## PART 5

### For the protection of Network Rail Infrastructure Limited

1. The provisions of this Part of this Schedule have effect, unless otherwise agreed in writing between the undertaker and Network Rail and, in the case of paragraph 17 of this Part of this Schedule any other person on whom rights or obligations are conferred by that paragraph.

2. In this Part of this Schedule—

“asset protection agreement” means an agreement to regulate the construction and maintenance of the specified work in a form prescribed from time to time by Network Rail;

“construction” includes execution, placing, alteration and reconstruction and “construct” and “constructed” have corresponding meanings;

“the engineer” means an engineer appointed by Network Rail for the purposes of this Order;

“network licence” means the network licence, as the same is amended from time to time, granted to Network Rail Infrastructure Limited by the Secretary of State in exercise of their powers under section 8 (licences) of the Railways Act 1993( );

“Network Rail” means Network Rail Infrastructure Limited (company number 02904587, whose registered office is at Waterloo General Office, London, SE1 8SW) and any associated company of Network Rail Infrastructure Limited which holds property for railway purposes, and for the purpose of this definition “associated company” means any company which is (within the meaning of section 1159 of the Companies Act 2006( )) the holding company of Network Rail Infrastructure Limited, a subsidiary of Network Rail Infrastructure Limited or another subsidiary of the holding company of Network Rail Infrastructure Limited and any successor to Network Rail Infrastructure Limited’s railway undertaking;

“plans” includes sections, designs, design data, software, drawings, specifications, soil reports, calculations, descriptions (including descriptions of methods of construction), staging proposals, programmes and details of the extent, timing and duration of any proposed occupation of railway property;

“railway operational procedures” means procedures specified under any access agreement (as defined in the Railways Act 1993) or station lease;

“railway property” means any railway belonging to Network Rail and-

(a) any station, land, works, apparatus and equipment belonging to Network Rail or connected with any such railway; and

- (b) any easement or other property interest held or used by Network Rail or a tenant or licensee of Network Rail for the purposes of such railway or works, apparatus or equipment; ;

“specified work” means so much of any of the authorised development as is situated upon, across, under, over or within 15 metres of, or is reasonably likely to adversely affect, railway property;

“undertaker” has the same meaning as in article 2 (interpretation) of this Order.

**3.—**(1) Where under this Part of this Schedule Network Rail is required to give its consent, agreement or approval in respect of any matter, that consent, agreement or approval is subject to the condition that Network Rail complies with any relevant railway operational procedures and any obligations under its network licence or under statute.

(2) In so far as any specified work or the acquisition or use of railway property is or may be subject to railway operational procedures, Network Rail must—

- (a) co-operate with the undertaker with a view to avoiding undue delay and securing conformity as between any plans approved by the engineer and requirements emanating from those procedures; and
- (b) use their reasonable endeavours to avoid any conflict arising between the application of those procedures and the proper implementation of the authorised development pursuant to this Order.

**4.—**(1) The undertaker must not in the exercise of the powers conferred by this Order prevent pedestrian or vehicular access to any railway property, unless preventing such access is with the consent of Network Rail.

(2) The undertaker must not exercise the powers conferred by sections 271 or 272 of the 1990 Act, article 32 (statutory undertakers), article 25 (statutory authority to override easements and other rights), in relation to any right of access of Network Rail to railway property, but such right of access may be extinguished or diverted with the consent of Network Rail.

(3) The undertaker must not under the powers of this Order do anything which would directly result in railway property being incapable of being used or maintained or which would affect the safe running of trains on the railway.

(4) Where Network Rail is asked to give its consent pursuant to this paragraph, such consent must not be unreasonably withheld but may be given subject to reasonable conditions

**5.—**(1) The undertaker must before commencing construction of any specified work supply to Network Rail proper and sufficient plans of that work for the reasonable approval of the engineer and the specified work must not be commenced except in accordance with such plans as have been approved in writing by the engineer or settled by arbitration under article 47 (Arbitration).

(2) The approval of the engineer under sub-paragraph (1) must not be unreasonably withheld or delayed, and if by the end of the period of 28 days beginning with the date on which such plans have been supplied to Network Rail the engineer has not communicated disapproval of those plans and the grounds of such disapproval the undertaker may serve upon the engineer written notice requiring the engineer to intimate approval or disapproval within a further period of 14 days beginning with the date upon which the engineer receives written notice from the undertaker. If by the expiry of the further 14 days the engineer has not communicated approval or disapproval, the engineer is deemed to have approved the plans as submitted.

(3) If by the end of the period of 14 days beginning with the date on which written notice was served upon the engineer under sub-paragraph (2), Network Rail gives notice to the undertaker that Network Rail desires itself to construct any part of a specified work which in the reasonable opinion of the engineer will or may affect the stability of railway property or the safe operation of traffic on the railways of Network Rail then, if the undertaker desires such part of the specified work to be constructed (together with any adjoining part of the specified work which the undertaker reasonably requires to be constructed with that work), Network Rail must construct it without unreasonable delay on behalf of and to the reasonable satisfaction of the undertaker in accordance with the plans approved or deemed to be approved or settled under this paragraph, and

under the supervision (where appropriate and if given) of the undertaker provided that Network Rail must use its best endeavours to carry out the works in co-operation with the undertaker and to avoid any delay to the authorised development.

(4) When signifying their approval of the plans the engineer may specify any protective works (whether temporary or permanent) which in the engineer's reasonable opinion should be carried out before the commencement of the construction of a specified work to ensure the safety or stability of railway property or the continuation of safe and efficient operation of the railways of Network Rail or the services of operators using the same (including any relocation de-commissioning and removal of works, apparatus and equipment necessitated by a specified work and the comfort and safety of passengers who may be affected by the specified works), and such protective works as may be reasonably necessary for those purposes must be constructed by Network Rail or by the undertaker, if Network Rail so desires, and such protective works must be carried out at the reasonable expense of the undertaker in either case without unreasonable delay and the undertaker must not commence the construction of the specified works until the engineer has notified the undertaker that the protective works have been completed to the engineer's reasonable satisfaction.

(5) Network Rail must have regard to the proposed programme of works for the authorised development as may be made available to Network Rail by the undertaker and ensure that it does not unreasonably impede, interfere with or delay the authorised development.

(6) The undertaker is not required comply with sub-paragraph (1) in a case of emergency but in that case it must give to Network Rail notice as soon as is reasonably practicable.

**6.—**(1) Any specified work and any protective works to be constructed by virtue of paragraph 5(4) must, when commenced, be constructed—

- (a) without unnecessary delay in accordance with the plans approved or deemed to have been approved or settled under paragraph 5;
- (b) under the supervision (where appropriate and if given) and to the reasonable satisfaction of the engineer;
- (c) in such manner as to cause as little damage as is possible to railway property; and
- (d) so far as is reasonably practicable, so as not to interfere with or obstruct the free, uninterrupted and safe use of any railway of Network Rail or the traffic thereon and the use by passengers of railway property.

(2) If any damage to railway property or any such interference or obstruction shall be caused by the carrying out of a specified work, the undertaker must, notwithstanding any such approval, make good such damage and must pay to Network Rail all reasonable expenses properly incurred to which Network Rail may be put and compensation for any direct loss which it may sustain by reason of any such damage, interference or obstruction.

(3) Nothing in this Part of this Schedule imposes any liability on the undertaker with respect to any damage, costs, expenses or loss attributable to the negligence of Network Rail or its employees, servants, contractors or agents or any liability on Network Rail with respect of any damage, costs, expenses or loss attributable to the negligence of the undertaker or its servants, contractors or agents.

**7.** The undertaker must—

- (a) at all times afford reasonable facilities to the engineer for access to a specified work during its construction; and
- (b) supply the engineer with all such information as the engineer may reasonably require with regard to a specified work or the method of constructing it.

**8.** Network Rail must at all times afford reasonable facilities to the undertaker and its employees, contractors or agents for access to any works carried out by Network Rail under this Part of this Schedule during their construction and must supply the undertaker with such information as it may reasonably require with regard to such works or the method of constructing them.

**9.—(1)** If any permanent or temporary alterations or additions to railway property are reasonably necessary in consequence of the construction or completion of a specified work during a period of 12 months after the completion of that work in order to ensure the safety of railway property or the continued safe operation of the railway of Network Rail, such alterations and additions may be carried out by Network Rail and if Network Rail gives to the undertaker reasonable notice (or in the event of an emergency or safety critical issue such notice as is reasonable in the circumstances) of its intention to carry out such alterations or additions (which must be specified in the notice), the undertaker must pay to Network Rail the reasonable and proper cost of those alterations or additions including, in respect of any such alterations and additions as are to be permanent, a capitalised sum representing the increase of the costs which may be expected to be reasonably and properly incurred by Network Rail in maintaining, working and, when necessary, renewing any such alterations or additions.

(2) If during the construction of a specified work by the undertaker, Network Rail gives notice to the undertaker that Network Rail desires itself to construct that part of the specified work which in the reasonable opinion of the engineer is endangering the stability of railway property or the safe operation of traffic on the railways of Network Rail then, if the undertaker decides that part of the specified work is to be constructed, Network Rail must assume construction of that part of the specified work and the undertaker must, notwithstanding any such approval of a specified work under paragraph 5(3), pay to Network Rail all reasonable and properly incurred expenses to which Network Rail may be put and compensation for any direct loss which it may suffer by reason of the execution by Network Rail of that specified work provided that at all times Network Rail will be under an obligation to take reasonable steps to mitigate its loss and always excluding any consequential loss or indirect loss.

(3) The engineer must, in respect of the capitalised sums referred to in this paragraph and paragraph 10(a) provide such details of the formula or method of calculation by which those sums have been calculated as the undertaker may reasonably require.

(4) If the cost of maintaining, working or renewing railway property is reduced in consequence of any such alterations or additions a capitalised sum representing such saving must be set off against any sum payable by the undertaker to Network Rail under this paragraph.

**10.** The undertaker must repay to Network Rail all reasonable fees, costs, charges and expenses agreed in advance with the undertaker and reasonably and properly incurred by Network Rail—

- (a) in constructing any part of a specified work on behalf of the undertaker as provided by paragraph 5(3) or in constructing any protective works under the provisions of paragraph 5(4) including, in respect of any permanent protective works, a capitalised sum representing the cost of maintaining and renewing those works;
- (b) in respect of the reasonable approval by the engineer of plans submitted by the undertaker and the supervision by the engineer of the construction of a specified work;
- (c) in respect of the employment or procurement of the services of any inspectors, signallers, watch-persons and other persons whom it is reasonably necessary to appoint for inspecting, signalling, watching and lighting railway property and for preventing, so far as may be reasonably practicable, interference, obstruction, danger or accident arising from the construction or failure of a specified work;
- (d) in respect of any special traffic working resulting from any speed restrictions which may in the reasonable opinion of the engineer, require to be imposed by reason or in consequence of the construction or failure of a specified work or from the substitution or diversion of services which may be reasonably necessary for the same reason; and
- (e) in respect of any additional temporary lighting of railway property in the vicinity of the specified works, being lighting made reasonably necessary by reason or in consequence of the construction or failure of a specified work.

**11.** If at any time after the completion of a specified work, not being a work vested in Network Rail, Network Rail gives notice to the undertaker informing it that the state of maintenance of any part of the specified work appears to be such as adversely affects the operation of railway property, the undertaker must, on receipt of such notice, take such steps as may be reasonably

necessary to put that specified work in such state of maintenance as to not adversely affect railway property.

12. The undertaker must not provide any illumination or illuminated sign or signal on or in connection with a specified work in the vicinity of any railway belonging to Network Rail unless it has first consulted Network Rail and it must comply with Network Rail's reasonable requirements for preventing confusion between such illumination or illuminated sign or signal and any railway signal or other light used for controlling, directing or securing the safety of traffic on the railway.

13. Any additional expenses which Network Rail may reasonably and properly incur in altering, reconstructing or maintaining railway property under any powers existing at the making of this Order by reason of the existence of a specified work must, provided that 56 days' previous notice of the commencement of such alteration, reconstruction or maintenance has been given to the undertaker, be repaid by the undertaker to Network Rail.

14.—(1) The undertaker must pay to Network Rail all reasonable and properly incurred costs, charges, damages and expenses (but always excluding any consequential or indirect loss) not otherwise provided for in this Part of this Schedule (subject always to the remaining provisions of this paragraph and to article 51 (no double recovery)) which may be occasioned to or reasonably incurred by Network Rail—

- (a) by reason of the construction, maintenance or operation of a specified work or the failure thereof; or
- (b) by reason of any act or omission of the undertaker or of any person in its employ or of its contractors or others whilst engaged upon a specified work;

and the undertaker must indemnify and keep indemnified Network Rail from and against all claims and demands arising out of or in connection with a specified work or any such failure, act or omission provided Network Rail will be under an obligation to take reasonable steps to mitigate its loss and always excluding any consequential loss or indirect loss: and the fact that any act or thing may have been done by Network Rail on behalf of the undertaker or in accordance with plans approved by the engineer or in accordance with any requirement of the engineer or under the engineer's supervision does not (if it was done without negligence on the part of Network Rail or its employees, contractors or agents) excuse the undertaker from any liability under the provisions of this sub-paragraph.

(2) Network Rail must—

- (a) give the undertaker reasonable written notice of any such claims or demands as soon as reasonably practicable after Network Rail became aware of any such claims or demands;
- (b) not admit liability or make any offer to settle or compromise any such claim or demand without the prior consent of the undertaker (which, if it withholds such consent, has the sole conduct of any settlement or compromise or of any proceedings necessary to resist the claim or demand);
- (c) take all reasonable steps to mitigate any liabilities relating to such claims or demands; and
- (d) keep the undertaker informed in relation to the progress of any such claims and demands and have due regard to the undertaker's representations in relation to them.

(3) The sums payable by the undertaker under sub-paragraph (1) must if relevant include a sum equivalent to the relevant costs.

(4) Subject to the terms of any agreement between Network Rail and a train operator regarding the timing or method of payment of the relevant costs in respect of that train operator, Network Rail must promptly pay to each train operator the amount of any sums which Network Rail receives under sub-paragraph (3) which relates to the relevant costs of that train operator.

(5) The obligation under sub-paragraph (3) to pay Network Rail the relevant costs is, in the event of default, enforceable directly by any train operator concerned to the extent that such sums would be payable to that operator pursuant to sub paragraph (4).

(6) In this paragraph—

“the relevant costs” means the costs, direct losses and expenses (including loss of revenue) properly and reasonably incurred by each train operator as a consequence of any restriction of the use of Network Rail’s railway network as a direct result of the construction, maintenance or failure of a specified work or any such act or omission as mentioned in subparagraph (1); and

“train operator” means any person who is authorised to act as the operator of a train by a licence under section 8 of the Railways Act 1993.

**15.**—(1) Network Rail must, on receipt of a request from the undertaker, from time to time provide the undertaker free of charge with written estimates of the costs, charges, expenses and other liabilities for which the undertaker is or will become liable under this Part of this Schedule (including the amount of the relevant costs mentioned in paragraph 14) and with such information as may reasonably enable the undertaker to assess the reasonableness of any such estimate or claim made or to be made pursuant to this Part of this Schedule (including any claim relating to those relevant costs).

(2) Network Rail must provide an itemised invoice to the undertaker of all charges, costs, fees damages and expenses which are claimed under this Part of this Schedule and any payment due to Network Rail under this Part of this Schedule must be made within 30 days of receipt of the itemised invoice.

**16.** In the assessment of any sums payable to Network Rail under this Part of this Schedule there must not be taken into account any increase in the sums claimed that is attributable to any action taken by or any agreement entered into by Network Rail if that action or agreement was not reasonably necessary and was taken or entered into with a view to obtaining the payment of those sums by the undertaker under this Part of this Schedule or increasing the sums so payable.

**17.** The undertaker and Network Rail may, subject in the case of Network Rail to compliance with the terms of its network licence, enter into, and carry into effect, agreements for the transfer to the undertaker of—

- (a) any railway property shown on the works and land plans and described in the book of reference;
- (b) any lands, works or other property held in connection with any such railway property; and
- (c) any rights and obligations (whether or not statutory) of Network Rail relating to any railway property or any lands, works or other property referred to in this paragraph.

**18.** Nothing in this Order, or in any enactment incorporated with or applied by this Order, prejudices or affects the operation of Part I of the Railways Act 1993.

**19.** The undertaker must no later than 28 days from the date that the plans submitted to and certified by the Secretary of State in accordance with article 42 (certification of plans and documents, etc.) are certified by the Secretary of State, provide a set of those plans to Network Rail in the format of a USB stick or download link.

**20.** Any difference under the provisions of this Part of the Schedule must be, unless otherwise agreed in writing between the undertaker and Network Rail, determined by arbitration in accordance with article 47 (arbitration).

## SCHEDULE 16

Article 47

### Arbitration Rules

#### Primary objective

**1.**—(1) The primary objective of these arbitration rules is to achieve a fair, impartial, final and binding award on the substantive difference between the parties (save as to costs) within four months from the date the Arbitrator is appointed pursuant to article 47 (*arbitration*) of the Order.

(2) The Parties shall first use their reasonable endeavours to settle a dispute amicably through negotiations undertaken in good faith by the senior management of the Parties. Any dispute which is not resolved amicably by the senior management of the Parties within 20 working days of the dispute arising, or such longer period as agreed in writing by the Parties, shall be subject to arbitration in accordance with the terms of this Schedule.

(3) The Arbitration will be deemed to have commenced when a party (“the Claimant”) serves a written notice of arbitration on the other party (“the Respondent”).

### **Time periods**

**2.—**(1) All time periods in these Arbitration Rules are measured in working days and this will exclude weekends, bank holidays and public holidays.

(2) Time periods are calculated from the day after the Arbitrator is appointed which is either:

- (a) the date the Arbitrator notifies the parties in writing of the Arbitrator’s acceptance of an appointment by agreement of the parties; or
- (b) the date the Arbitrator is appointed by the Secretary of State.

### **Timetable**

**3.—**(1) The timetable for the Arbitration is set out in sub-paragraphs (2) to (4) below unless amended in accordance with paragraph 5(3).

(2) Within 15 days of the Arbitrator being appointed, the Claimant must provide both the Respondent and the Arbitrator with—

- (a) a written Statement of Claim which describes the nature of the difference between the parties, the legal and factual issues, the Claimant’s contentions as to those issues, and the remedy it is seeking; and
- (b) all statements of evidence and copies of all documents on which it relies, including contractual documentation, correspondence (including electronic documents), legal precedents and expert witness reports.

(3) Within 15 days of receipt of the Claimant’s statements under sub-paragraph (2) by the Arbitrator and Respondent, the Respondent must provide the Claimant and the Arbitrator with—

- (a) a written Statement of Defence responding to the Claimant’s Statement of Claim, its statement in respect of the nature of the difference, the legal and factual issues in the Claimant’s claim, its acceptance of any element(s) of the Claimant’s claim, its contentions as to those elements of the Claimant’s claim it does not accept;
- (b) all statements of evidence and copies of all documents on which it relies, including contractual documentation, correspondence (including electronic documents), legal precedents and expert witness reports; and
- (c) any objections it wishes to make to the Claimant’s statements, comments on the Claimant’s expert report(s) (if submitted by the Claimant) and explanations for the objections.

(4) Within 5 days of the Respondent serving its statements under sub-paragraph (3), the Claimant may make a Statement of Reply by providing both the Respondent and the Arbitrator with—

- (a) a written statement responding to the Respondent’s submissions, including its reply in respect of the nature of the difference, the issues (both factual and legal) and its contentions in relation to the issues;
- (b) all statements of evidence and copies of documents in response to the Respondent’s submissions;
- (c) any expert report in response to the Respondent’s submissions;
- (d) any objections to the statements of evidence, expert reports or other documents submitted by the Respondent; and

- (e) its written submissions in response to the legal and factual issues involved.

## **Procedure**

4.—(1) The Arbitrator must make an award on the substantive difference(s) based solely on the written material submitted by the parties unless the Arbitrator decides that a hearing is necessary to explain or resolve any matters.

(2) Either party may, within 2 days of delivery of the last submission, request a hearing giving specific reasons why it considers a hearing is required.

(3) Within 5 days of receiving the last submission, the Arbitrator must notify the parties whether a hearing is to be held and the length of that hearing.

(4) Within 10 days of the Arbitrator advising the parties that he is to hold a hearing, the date and venue for the hearing must be fixed by agreement with the parties, save that if there is no agreement the Arbitrator must direct a date and venue which he considers is fair and reasonable in all the circumstances. The date for the hearing must not be less than 35 days from the date of the Arbitrator's direction confirming the date and venue of the hearing.

(5) A decision must be made by the Arbitrator on whether there is any need for expert evidence to be submitted orally at the hearing. If oral expert evidence is required by the Arbitrator, then any expert(s) attending the hearing may be asked questions by the Arbitrator.

(6) There is no process of examination and cross-examination of experts, but the Arbitrator must invite the parties to ask questions of the experts by way of clarification of any answers given by the expert(s) in response to the Arbitrator's questions. Prior to the hearing the procedure for the expert(s) is:

- (a) at least 20 days before a hearing, the Arbitrator must provide a list of issues to be addressed by the expert(s);
- (b) if more than one expert is called, they are to jointly confer and produce a joint report or reports within 10 days of the issues being provided; and
- (c) the form and content of a joint report must be as directed by the Arbitrator and must be provided at least 5 days before the hearing.

(7) Within 10 days of a hearing or a decision by the Arbitrator that no hearing is to be held the Parties may by way of exchange provide the Arbitrator with a final submission in connection with the matters in dispute and any submissions on costs. The Arbitrator must take these submissions into account in the Award.

(8) The Arbitrator may make other directions or rulings as considered appropriate in order to ensure that the parties comply with the timetable and procedures to achieve an award on the substantive difference within four months of the date on which they are appointed, unless both parties otherwise agree to an extension to the date for the award.

(9) If a party fails to comply with the timetable, procedure or any other direction then the Arbitrator may continue in the absence of a party or submission or document, and may make a decision on the information before them attaching the appropriate weight to any evidence submitted beyond any timetable or in breach of any procedure and/or direction.

(10) The Arbitrator's award must include reasons. The parties must accept that the extent to which reasons are given are proportionate to the issues in dispute and the time available to the Arbitrator to deliver the award.

## **Arbitrator's powers**

5.—(1) The Arbitrator has all the powers of the Arbitration Act 1996(a), including the non-mandatory sections, save where modified by these Rules.

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(a) 1996 c. 23.



(2) There will be no discovery or disclosure, except that the Arbitrator has the power to order the parties to produce such documents as are reasonably requested by another party no later than the Statement of Reply, or by the Arbitrator, where the documents are manifestly relevant, specifically identified and the burden of production is not excessive. Any application and orders are to be made by way of a Redfern Schedule without any hearing.

(3) Any time limits fixed in accordance with this procedure or by the Arbitrator may be varied by agreement between the parties, subject to any such variation being acceptable to and approved by the Arbitrator. In the absence of agreement, the Arbitrator may vary the timescales and/or procedure—

- (a) if the Arbitrator is satisfied that a variation of any fixed time limit is reasonably necessary to avoid a breach of the rules of natural justice; and then
- (b) only for such a period that is necessary to achieve fairness between the parties.

(4) On the date the award is made, the Arbitrator must notify the parties that the award is completed, signed and dated, and that it is to be issued to the parties on receipt of cleared funds for the Arbitrator's fees and expenses.

### Costs

6.—(1) The costs of the Arbitration must include the fees and expenses of the Arbitrator, the reasonable fees and expenses of any experts and the reasonable legal and other costs incurred by the parties for the Arbitration.

(2) Subject to sub-paragraph (3), the Arbitrator must award recoverable costs on the general principle that each party should bear its own costs.

(3) The Arbitrator may depart from the general principle in sub-paragraph (2) and make such other costs award as it considers reasonable where a party has behaved unreasonably as set out in the Planning Practice Guidance or such other guidance as may replace it.

### Confidentiality

7.—(1) Subject to sub-paragraphs (2) and (3), any arbitration hearing and documentation shall be open to and accessible by the public.

(2) Where the Arbitration relates to a dispute or difference under the provisions of Schedule 18, the hearings must take place in private unless otherwise agreed between the parties and any matters, materials, documents, awards, expert reports and the like are confidential and must not be disclosed to any third party without prior written consent of the other party.

(3) The Arbitrator may direct that the whole or part of a hearing is to be private and/or any documentation to be confidential where it is necessary in order to protect commercially sensitive information.

(4) Nothing in this paragraph shall prevent any disclosure of a document by a party pursuant to an order of a court in England and Wales or where disclosure is required under any enactment.

## SCHEDULE 17

Article 38

### Hedgerows

#### PART 1

##### Removal of Hedgerows

<i>(1) Area</i>	<i>(2) Reference of hedgerow</i>
East Riding of Yorkshire District	The hedgerow marked H0003b on sheet 5 of the Tree Preservation Order and Hedgerow Plan





East Riding of Yorkshire District	The hedgerow marked H0126 on sheet 35 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0128 on sheet 34 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0129 on sheet 35 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0134 on sheet 35 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0135 on sheet 36 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0145 on sheet 36 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0153 on sheet 37 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0154 on sheet 37 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0158 on sheet 37 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0165 on sheet 38 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0166 on sheet 38 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0166 on sheet 38 of the Tree Preservation Order and Hedgerow Plan

## PART 2

### Removal of important hedgerows

<i>(1) Area</i>	<i>(2) Reference of hedgerow</i>
East Riding of Yorkshire District	The hedgerow marked H0001 on sheet 5 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0002 on sheet 5 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0009 on sheet 7 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0011 on sheet 8 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0012 on sheet 8 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0017 on sheet 9 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0018 on sheet 10 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0019 on sheet 10 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0020 on sheet 10 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0021 on sheet 11 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0022 on sheet 11 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0023 on sheet 11 of the Tree





East Riding of Yorkshire District	The hedgerow marked H0163 on sheet 38 of the Tree Preservation Order and Hedgerow Plan
East Riding of Yorkshire District	The hedgerow marked H0164 on sheet 38 of the Tree Preservation Order and Hedgerow Plan

## SCHEDULE 18

### Compensation Measures

Article 49

#### PART 1

#### Dogger Bank South Special Area of Conservation: Delivery of measures to compensate for sandbank loss

**1.** In this Part—

“Defra” means the Department for Environment, Food and Rural Affairs;

“Dogger Bank SAC” means the site designated as the Dogger Bank Special Area of Conservation;

“Strategic Compensation Fund” means a marine recovery fund operated by Defra pursuant to the Offshore Wind Environmental Improvement Package of the British Energy Security Strategy (April 2022), the Energy Act 2023 or any subordinate legislation made pursuant thereto, for the implementation of strategic compensation or any equivalent strategic compensation fund established for that purpose;

“Dogger Bank CIMP” means the Dogger Bank compensation implementation and monitoring plan for the delivery of measures to compensate for impacts on sandbanks within the Dogger Bank SAC as a result of the authorised development;

“Dogger Bank compensation plan” means the document certified as the Dogger Bank compensation plan for the purposes of this Order by the Secretary of State under article 42 (certification of plans and documents etc.); and

“DBCSG” means the project level Dogger Bank compensation steering group.

**2.** The offshore works within the Dogger Bank SAC may not be commenced until a plan for the work of the DBCSG has been submitted to and approved by the Secretary of State. Such plan to include—

- (a) terms of reference of the DBCSG;
- (b) details of the membership of the DBCSG which must include the relevant statutory nature conservation body and, where appropriate, the MMO as core members;
- (c) details of the proposed schedule of meetings, timetable for preparation of the Dogger Bank CIMP and reporting and review periods; and
- (d) the dispute resolution mechanism.

**3.** Following consultation with the DBCSG, the Dogger Bank CIMP must be submitted to the Secretary of State for approval in consultation with the MMO and relevant statutory nature conservation body.

**4.** The Dogger Bank CIMP must be based on the strategy for compensation set out in the Dogger Bank compensation plan and must include—

- (a) details of the method and level of support provided to Defra and relevant statutory nature conservation bodies;
- (b) details of contribution(s) paid or to be paid to the Strategic Compensation Fund;
- (c) estimated timescales for completing the designation; and

(d) details of engagement in respect of monitoring and reporting of monitoring.

5. The undertaker must implement the measures set out in the Dogger Bank CIMP approved by the Secretary of State, unless otherwise agreed in writing by the Secretary of State in consultation with the MMO and relevant statutory nature conservation body.

6. The undertaker must notify the Secretary of State of—

- (a) completion of compensation pursuant to the Dogger Bank CIMP;
- (b) payment(s) into any Strategic Compensation Fund.

7. The Dogger Bank CIMP approved under this Schedule includes any amendments that may subsequently be approved in writing by the Secretary of State. Any amendments to or variations of the approved Dogger Bank CIMP must be in accordance with the principles set out in the Dogger Bank compensation plan and may only be approved where it has been demonstrated to the satisfaction of the Secretary of State that it is unlikely to give rise to any materially new or materially different environmental effects from those considered in the Dogger Bank compensation plan.

## PART 2

### Flamborough and Filey Coast Special Protection Area: Kittiwake Compensation Measures

1. In this Part—

“the artificial nesting measure” means the offshore nesting structure(s);

“Defra” means the Department for Environment, Food and Rural Affairs;

“the FFC” means the site designated as the Flamborough and Filey Coast Special Protection Area;

“kittiwake CIMP” means the kittiwake compensation implementation and monitoring plan for the delivery of measures to compensate for the predicted loss of adult kittiwakes from the FFC as a result of the authorised development;

“kittiwake compensation plan” means the document certified as the kittiwake compensation plan for the purposes of this Order by the Secretary of State under article 42 (certification of plans etc.);

“KCSG” means the Kittiwake Compensation Steering Group; and

“the Strategic Compensation Fund” means a fund operated by Defra pursuant to the Offshore Wind Environmental Improvement Package of the British Energy Security Strategy (April 2022), the Energy Act 2023 or any subordinate legislation made pursuant thereto, for the implementation of strategic compensation or any equivalent fund established for that purpose;

2. Work No. 1A and 1B may not be commenced until a plan for the work of the KCSG has been submitted to and approved by the Secretary of State. Such plan must include—

- (a) terms of reference of the KCSG;
- (b) details of the membership of the KCSG which must include the relevant statutory nature conservation body and, where appropriate and the MMO as core members;—
- (c) details of the proposed schedule of meetings, timetable for preparation of the Kittiwake CIMP and reporting and review periods; and
- (d) the dispute resolution mechanism.

3. Following consultation with the KCSG the Kittiwake CIMP must be submitted to the Secretary of State for approval, in consultation with the relevant statutory nature conservation body and, where appropriate, the MMO.



**4.** The Kittiwake CIMP must be based on the strategy for kittiwake compensation set out in the Kittiwake Compensation Plan and include—

- (a) where the artificial nesting measure is proposed to be taken forward—
  - (i) details of the location(s) where the compensation measure will be delivered and details of any relevant seabed agreement(s);
  - (ii) details of the design of the artificial nesting structure(s), including the projected number of nests that will be accommodated on the structure, and how risks from avian or mammalian predation and unauthorised human access will be mitigated;
  - (iii) an implementation timetable for the delivery of the artificial nesting structure(s);
  - (iv) details of the maintenance schedule for the artificial nesting structure(s);
  - (v) details of the proposed ongoing monitoring and reporting on the effectiveness of the measures, including: survey methods; success criteria; adaptive management measures; timescales for the monitoring and monitoring reports to be delivered; and details of the mechanism to determine the need for any alternative compensation measures and/or adaptive management measures;
  - (vi) monitoring should include annual monitoring of the number of birds colonising the site including nesting attempts and nest productivity;
  - (vii) provision for annual reporting to the Secretary of State, to include details of the use of the artificial nesting structure(s) by breeding kittiwake to identify barriers to success and target any adaptive management measures in consultation with the KCSG; and
  - (viii) recording of KCSG consultations;
- (b) where the undertaker elects to pay a contribution to the Strategic Compensation Fund wholly or partly in substitution for the artificial nesting measure or as an adaptive management measure—
  - (i) the sum of the contribution, to be agreed between the undertaker and Defra or other body responsible for the operation of the Marine Recovery Fund in consultation with the KCSG.
- (c) where the undertaker elects to pay a financial contribution towards the establishment of compensation measures by another party wholly or partly in substitution for the artificial nesting measure or as an adaptive management measure—
  - (i) the technical specification of the compensation measure(s) to be agreed between the undertaker and the other party in consultation with the KCSG.
- (d) where the undertaker elects to collaborate with another party in the delivery of compensation measures wholly or partly in substitution for the artificial nesting measure or as an adaptive management measure—
  - (i) the technical specification of the compensation measure(s) to be agreed between the undertaker and the other party in consultation with the KCSG.

**5.** The undertaker must implement the measures set out in the Kittiwake CIMP approved by the Secretary of State, unless otherwise agreed in writing by the Secretary of State in consultation with the relevant statutory nature conservation body and, where appropriate, the MMO. In particular, any turbine forming part of the authorised development must not begin operation until the specified number of full breeding seasons in the approved plan following the implementation of the measures set out in the Kittiwake CIMP have elapsed. For the purposes of this paragraph each breeding season is assumed to have commenced on 1 April in each year and ended on 30 September.

**6.** The undertaker must notify the Secretary of State of—

- (a) completion of implementation of the artificial nesting measure referred to in paragraph 4(a);
- (b) payment into the Strategic Compensation Plan referred to in paragraph 4(b);

- (c) payment of a financial contribution towards the establishment of compensation measures by another party referred to in paragraph 4(c); and
- (d) completion of implementation of collaborative measures referred to in paragraph 4(d),

7. The artificial nesting measure must not be decommissioned without written approval of the Secretary of State in consultation with relevant statutory nature conservation body.

8. The Kittiwake CIMP approved under this Schedule includes any amendments that may subsequently be approved in writing by the Secretary of State. Any amendments to or variations of the approved Kittiwake CIMP must be in accordance with the principles set out in the kittiwake compensation plan and may only be approved where it has been demonstrated to the satisfaction of the Secretary of State that it is unlikely to give rise to any materially new or materially different environmental effects from those considered in the kittiwake compensation plan.

## PART 3

### Flamborough and Filey Coast Special Protection Area: Guillemot [and Razorbill] Compensation Measures

**1. In this Part—**

“Defra” means the Department for Environment, Food and Rural Affairs;

“the FFC” means the site designated as the Flamborough and Filey Coast Special Protection Area;

“G[R]CSG” means the Guillemot Compensation [and Razorbill] Steering Group;

“Guillemot [and Razorbill] CIMP” means the guillemot [and razorbill] compensation implementation and monitoring plan for the delivery of measures to compensate for the predicted loss of adult guillemots [and adult razorbills] from the FFC as a result of the authorised development;

“guillemot [and razorbill] compensation measure” means the predator eradication measure;

“guillemot [and razorbill] compensation plan” means the document certified as the guillemot [and razorbill] compensation plan for the purposes of this Order by the Secretary of State under article 42 (certification of plans and documents etc.);

“Strategic Compensation Fund” means a fund operated by Defra pursuant to the Offshore Wind Environmental Improvement Package of the British Energy Security Strategy (April 2022), the Energy Act 2023 or any subordinate legislation made pursuant thereto, for the implementation of strategic compensation or any equivalent fund established for that purpose;

“the predator eradication measure” means a program of predator eradication.

**2. Work No. 1A and 1B may not be commenced until a plan for the work of the G[R]CSG has been submitted to and approved by the Secretary of State. Such plan to include—**

- (a) terms of reference of the G[R]CSG;
- (b) details of the membership of the G[R]CSG which must include the relevant statutory nature conservation body and, where appropriate, the MMO and/or the relevant planning authority as core members;
- (c) details of the proposed schedule of meetings, timetable for preparation of the Guillemot [and Razorbill] CIMP and reporting and review periods; and
- (d) the dispute resolution mechanism.

**3. Following consultation with the G[R]CSG, the Guillemot [and Razorbill] CIMP must be submitted to the Secretary of State for approval in consultation with the relevant statutory nature conservation body and, where appropriate, the MMO and/or the relevant local planning authority.**

**4. The Guillemot [and Razorbill] CIMP must be based on the strategy for guillemot compensation set out in the guillemot compensation plan and include—**

- (a) where the predator eradication measure is proposed to be taken forward—
  - (i) details of the location(s) where the compensation measure will be delivered;
  - (ii) details of how any necessary land access rights, licences and approvals have or will be obtained and how any biosecurity measures will be or have been secured;
  - (iii) details of the party that will carry out the measure and how this has been secured;
  - (iv) an implementation timetable for delivery of the predator eradication measure, such timetable to specify a minimum period for the commencement of the predator eradication measure prior to the installation of any tower comprised within a wind turbine generator forming part of the authorised development;
  - (v) recording of G[R]CSG consultations;
  - (vi) details of the proposed ongoing monitoring and reporting on the effectiveness of the measures, including: survey methods; success criteria; adaptive management measures; timescales for the monitoring and monitoring reports to be delivered; and details of the mechanism to determine the need for any alternative compensation measures and/or adaptive management measures;
  - (vii) provision for annual reporting to the Secretary of State, to include details of the use of the location(s) by breeding guillemot [and razorbill] to identify barriers to success and target any adaptive management measures;
- (b) where the undertaker elects to pay a contribution to the Strategic Compensation Fund wholly or partly in substitution for the guillemot [and razorbill] compensation measure or as an adaptive management measure—
  - (i) the sum of the contribution, to be agreed between the undertaker and Defra or other body responsible for the operation of the Strategic Compensation Fund in consultation with the G[R]CSG.
- (c) where the undertaker elects to pay a financial contribution towards the establishment of compensation measures by another party wholly or partly in substitution for the guillemot [and razorbill] compensation measure or as an adaptive management measure—
  - (i) the technical specification of the compensation measure(s) to be agreed between the undertaker and the other party in consultation with the G[R]CSG.
- (d) where the undertaker elects to collaborate with another party in the delivery of compensation measure wholly or partly in substitution for the guillemot [and razorbill] compensation measures or as an adaptive management measure—
  - (i) the technical specification of the compensation measure(s) to be agreed between the undertaker and the other party in consultation with the G[R]CSG.

5. The undertaker must implement the measures set out in the Guillemot [and Razorbill] CIMP approved by the Secretary of State, unless otherwise agreed in writing by the Secretary of State in consultation with the relevant statutory nature conservation body and where appropriate the MMO and/or the relevant local planning authority.

6. The undertaker must notify the Secretary of State of—

- (a) the completion of the predator eradication measure referred to in paragraph 4(a);
- (b) payment into the Strategic Compensation Fund referred to in paragraph 4(b);
- (c) payment of a financial contribution towards the establishment of compensation measures by another party referred to in paragraph 4(c); and
- (d) completion of implementation of collaborative measures referred to in paragraph 4(d), to the extent that such measures are set out within the Guillemot [and Razorbill] CIMP approved by the Secretary of State.

7. The Guillemot [and Razorbill] CIMP approved under this Schedule includes any amendments that may subsequently be approved in writing by the Secretary of State. Any amendments to or variations of the approved Guillemot [and Razorbill] CIMP must be in accordance with the principles set out in the guillemot [and razorbill] compensation plan and may only be approved

where it has been demonstrated to the satisfaction of the Secretary of State that it is unlikely to give rise to any materially new or materially different environmental effects from those considered in the guillemot compensation plan.

## SCHEDULE 19

Article 42

### Documents to be certified

The following documents in Table 1 are the list referred to in article 42—

**Table 1**

<i>Document Number</i>	<i>Examination Library Reference</i>	<i>Name</i>	<i>Version</i>	<i>Date</i>
2.10		Access to works plan	1	June 2024
4.2		Book of reference	1	June 2024
8.20		Cable statement	1	June 2024
8.6		Commitments register	1	June 2024
8.8		Design and access statement	1	June 2024
6.2.3		Dogger Bank compensation plan	1	June 2024
7.0 – 7.30.30.3; and 10.49 – 10.53		<del>Environmental statement</del> <a href="#">Environmental statement (including Project Change Request 1 – Offshore &amp; Intertidal Works and appendices; and Project Change Request 2- Onshore Substation Zone and appendices)</a>	1	June 2024 <a href="#">and January 2025</a>
6.2.2		Guillemot [and razorbill] compensation plan	1	June 2024
8.23		In principle monitoring plan	1	June 2024
8.26		In principle Site Integrity Plan for the Southern North Sea Special Area of Conservation	1	June 2024
6.2.1		Kittiwake compensation	1	June 2024

		plan		
2.7		Land plans	1	June 2024
2.3		Offshore order limits and grid coordinates plan	1	June 2024
2.4		Onshore order limits and grid coordinates plan	1	June 2024
8.9		Outline code of construction practice	1	June 2024
8.13		Outline construction traffic management plan	1	June 2024
8.12		Outline drainage strategy	1	June 2024
8.10		Outline ecological management plan	1	June 2024
8.28		Outline fisheries liaison and co-existence plan	1	June 2024
8.11		Outline landscape management plan	1	June 2024
8.25		Outline marine mammal mitigation protocol	1	June 2024
8.24		Outline offshore operations and maintenance plan	1	June 2024
8.21		Outline project environmental management plan	1	June 2024
8.27		Outline scour protection plan	1	June 2024
8.5		Outline skills and employment strategy	1	June 2024
8.30		Outline vessel traffic monitoring plan	1	June 2024
8.22		Outline written scheme of investigation (offshore)	1	June 2024
8.14		Outline onshore written scheme	1	June 2024

		of investigation		
2.11		Public rights of way plan	1	June 2024
2.8		Special category land plan	1	June 2024
2.12		Streets plan	1	June 2024
2.18		Tree preservation order and hedgerow plan	1	June 2024
2.5		Works plans (offshore)	1	June 2024
2.6		Works plans (onshore)	1	June 2024

### **EXPLANATORY NOTE**

*(This note is not part of the Order)*

This Order grants development consent for, and authorises the construction, operation and maintenance of two offshore generating stations located in the North Sea approximately 100km and 122km from the East Riding of Yorkshire coast together with associated development. The Order authorises the compulsory purchase of land and rights in land and the right to use land and to override easements and other rights.

This Order also grants deemed marine licences under Part 4 of the Marine and Coastal Access Act 2009 in connection with the wind farms. The deemed marine licences impose conditions in connection with the marine licensable activities.

A copy of the plans and book of reference referred to in this Order and certified in accordance with article 42 (*certification of plans and documents, etc.*) of this Order may be inspected free of charge at the offices of East Riding of Yorkshire Council at County Hall, Beverley, East Riding of Yorkshire, HU17 9BA.