



Hornsea Project Four: Environmental Statement (ES)

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Volume A6, Annex 3.4: Breeding Bird Survey Report

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Glossary

Term	Definition
Birds of Conservation Concern (BoCC)	Commonly referred to as the UK Red List for birds, Birds of Conservation Concern 4: The Red List for Birds was published in December 2015. This is the fourth review of the status of birds in the UK, Channel Islands and Isle of Man, and updates the last assessment in 2009. Using standardised criteria, 244 species with breeding, passage or wintering populations in the UK were assessed by experts from a range of bird NGOs and assigned to the Red, Amber or Green lists of conservation concern.
Commitment	A term used interchangeably with mitigation and enhancement measures. The purpose of Commitments is to reduce and/or eliminate Likely Significant Effects (LSEs), in EIA terms. Primary (Design) or Tertiary (Inherent) are both embedded within the assessment at the relevant point in the EIA (e.g. at Scoping, Preliminary Environmental Information Report (PEIR) or ES). Secondary commitments are incorporated to reduce LSE to environmentally acceptable levels following initial assessment i.e. so that residual effects are acceptable.
Development Consent Order (DCO)	An order made under the Planning Act 2008 granting development consent for one or more Nationally Significant Infrastructure Projects (NSIP).
Energy balancing infrastructure (EBI)	The onshore substation includes energy balancing Infrastructure. These provide valuable services to the electrical grid, such as storing energy to meet periods of peak demand and improving overall reliability.
Environmental Impact Assessment (EIA)	A statutory process by which certain planned projects must be assessed before a formal decision to proceed can be made. It involves the collection and consideration of environmental information, which fulfils the assessment requirements of the EIA Directive and EIA Regulations, including the publication of an Environmental Statement (ES).
Environmental Statement (ES)	A document reporting the findings of the EIA and produced in accordance with the EIA Directive as transposed into UK law by the EIA Regulations
Export cable corridor (ECC)	The specific corridor of seabed (seaward of Mean High Water Springs (MHWS)) and land (landward of MHWS) from the Hornsea Project Four array area to the Creyke Beck National Grid substation, within which the export cables will be located.
Habitats Regulations Assessment (HRA)	A process which helps determine likely significant effects and (where appropriate) assesses adverse impacts on the integrity of European conservation sites and Ramsar sites. The process consists of up to four stages of assessment: screening, appropriate assessment, assessment of alternative solutions and assessment of imperative reasons of over-riding public interest (IROPI) and compensatory measures.
High Voltage Alternating Current (HVAC)	High voltage alternating current is the bulk transmission of electricity by alternating current (AC), whereby the flow of electric charge periodically reverses direction.
High Voltage Direct Current (HVDC)	High voltage direct current is the bulk transmission of electricity by direct current (DC), whereby the flow of electric charge is in one direction.
Hornsea Project Four Offshore Wind Farm	The term covers all elements of the project (i.e. both the offshore and onshore). Hornsea Four infrastructure will include offshore generating stations (wind turbines),

Term	Definition
	electrical export cables to landfall, and connection to the electricity transmission network.. Hereafter referred to as Hornsea Four.
Landfall	The generic term applied to the entire landfall area between Mean Low Water Spring (MLWS) tide and the Transition Joint Bay (TJB) inclusive of all construction works, including the offshore and onshore ECC, intertidal working area and landfall compound. Where the offshore cables come ashore east of Fraisthorpe.
National Grid Electricity Transmission (NGET) substation	The grid connection location for Hornsea Four at Creyke Beck.
Onshore substation (OnSS)	Comprises a compound containing the electrical components for transforming the power supplied from Hornsea Project Four to 400 kV and to adjust the power quality and power factor, as required to meet the UK Grid Code for supply to the National Grid. If a HVDC system is used the OnSS will also house equipment to convert the power from HVDC to HVAC.
Order Limits	The limits within which Hornsea Project Four (the 'authorised project') may be carried out.
Orsted Hornsea Project Four Ltd.	The Applicant for the proposed Hornsea Project Four Offshore Wind Farm Development Consent Order (DCO).
Planning Inspectorate (PINS)	The agency responsible for operating the planning process for Nationally Significant Infrastructure Projects (NSIPs).

Acronyms

Acronym	Definition
BBS	Breeding Bird Survey
BoCC	Birds of Conservation Concern
DCO	Development Consent Order
EBI	Energy Balancing Infrastructure
ECC	Export Cable Corridor
EIA	Environmental Impact Assessment
ERYC	East Riding of Yorkshire Council
ES	Environmental Statement
HVAC	High Voltage Alternating Current
HVDC	High Voltage Direct Current
IECS	The Institute of Estuarine and Coastal Studies
MHWS	Mean High Water Spring
NE	Natural England
NGET	National Grid Electricity Generation
OnSS	Onshore substation
OWB	Over-Wintering Birds
PEIR	Preliminary Environmental Information Report
PRoW	Public Right of Way

Acronym	Definition
RSPB	Royal Society for the Protection of Birds
VP	Vantage Point
WCA	Wildlife and Countryside Act (1981)

Units

Unit	Definition
Km	kilometre
kV	kilovolt
m	metre

1 Introduction

1.1 Project Background

1.1.1.1 Orsted Hornsea Project Four Limited (the 'Applicant') is proposing to develop Hornsea Project Four Offshore Wind Farm (hereafter 'Hornsea Four'). Hornsea Four will be located approximately 69 km offshore the East Riding of Yorkshire in the Southern North Sea and will be the fourth project to be developed in the former Hornsea Zone. Hornsea Four will include both offshore and onshore infrastructure including an offshore generating station (wind farm), export cables to landfall, and on to an onshore substation (OnSS) with energy balancing infrastructure (EBI), and connection to the electricity transmission network.

1.1.1.2 The Institute of Estuarine and Coastal Studies (IECS) was commissioned to undertake a breeding bird survey (BBS) within and around the Hornsea Four Order Limits (i.e. the landfall, onshore export cable corridor (ECC), OnSS including EBI, and 400 kV National Grid Electricity Transmission (NGET) connection area). This technical annex has been produced to characterise the baseline environment to inform and support the ecological impact assessment set out in [Volume A3, Chapter 3: Ecology and Nature Conservation](#) of the Hornsea Four Environmental Statement (ES).

1.2 Aims

1.2.1.1 The 2019 BBS programme was designed to supplement the 2018/2019 (November 2018 to March 2019, inclusive) over-wintering bird (OWB) survey programme (as detailed in [Volume A6, Annex 3.3: Onshore Ornithology Wintering and Migratory Bird Survey Report](#)) to collect baseline data on breeding bird species. The 2019 BBS programme encompassed surveys of the bird assemblage within and around the Hornsea Four Order Limits, as shown on [Figure 1](#) to [Figure 7](#).

1.2.1.2 The 2019 BBS was undertaken using a series of fixed Vantage Point (VP) counts and was undertaken between April 2019 and June 2019 inclusive, with six separate survey cycles (two per month) undertaken during this period.

1.2.1.3 Further details of the survey methodologies are provided in [Section 2](#).

2 Survey Methodology

2.1 Survey Area

2.1.1.1 The 2019 BBS programme included a series of counts at a set number of VPs within and around the Hornsea Four Order Limits. The VP locations are shown in [Figure 1](#) to [Figure 7](#).

2.1.1.2 The VPs are located within habitat that is considered to reflect the range of habitats present within the Hornsea Four Order Limits, and as such each VP provides a representative example of the habitat, and in turn the species of breeding birds, that are present within the

Hornsea Four Order Limits. The VP locations were determined by a suitably qualified ornithologist and further details are provided in [Section 2.2](#).

- 2.1.1.3 A total of six separate survey cycles were undertaken during the 2019 BBS period (April 2019 to June 2019, inclusive). A summary of the completed surveys is provided in [Table 1](#). It should be noted that VPs 10, 12 and 29 were removed from the 2019 breeding bird survey programme due to their locations overlapping with other VPs and consequently their locations are not shown on [Figure 1](#) to [Figure 7](#).

2.2 VP Counts

2.2.1 Survey Preparation

- 2.2.1.1 All VP surveys were undertaken by two ornithologists experienced in the survey methodology, employed by IECS. Each VP location was accessed from a sufficient distance by the surveyors on foot.
- 2.2.1.2 Each survey team was equipped with two sets of binoculars, a clipboard with pens/pencils, proforma recording sheets and maps of the refined landfall area and onshore ECC. In addition, and to ensure necessary Health and Safety provision, fully charged mobile phones, high visibility vests, a whistle and first aid kit were also carried by each surveying team.
- 2.2.1.3 Prior to each survey visit, a copy of the landowner access permission spreadsheet that had been co-ordinated and provided by Dalcour Maclaren (the Applicant's land agents), was passed to the IECS lead field surveyor. Only VP locations where landowner access had been agreed and notified were accessed.
- 2.2.1.4 Surveys were undertaken for approximately 5 hours from a period after dawn (e.g. from approximately 5 am until 10 am). Surveys were not undertaken during thick fog, where coverage is compromised nor in heavy rain or very strong winds when bird activity is likely to be suppressed.
- 2.2.1.5 The survey approach and methodology was presented to relevant stakeholders (i.e. Natural England, RSPB, YWT and ERYC) as part of the Hornsea Four onshore ecology Evidence Plan Technical Panel meeting held on the 8th January 2019 (ON-ECO-1.8) and subsequently agreed with Natural England at the meeting held on the 1st April 2020 (ON-ECO-1.13).

2.2.2 Field Survey Methods for VP Counts

- 2.2.2.1 Once at the VP location (i.e. the VP standing point), a 5-minute settlement period was initiated. This was then followed by a 15-minute survey period. For each VP count, the survey team was issued with a site specific A4 map that had been marked with a 250 m survey radius from the centre of the VP. The survey radius is always provided on the map to ensure the surveyor (observer) focusses on bird registrations, many of which are auditory, within the confinement of the survey area, which in turn were chosen because of their

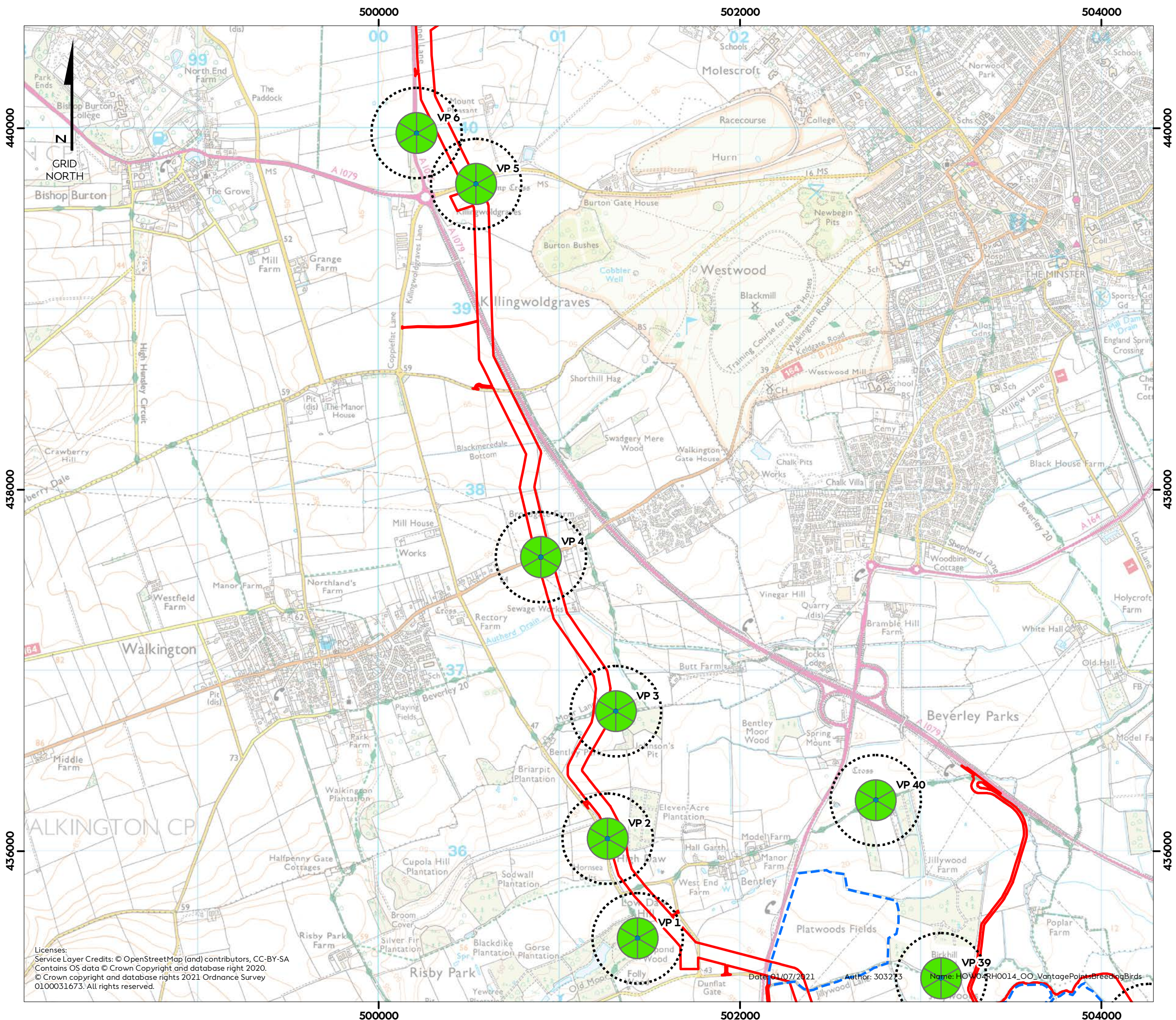
proximity to the Hornsea Four Order Limits. This limits the inclusion of sightings of birds at a greater distance from the Hornsea Four Order Limits.

- 2.2.2.2 All species seen on the ground, flying through, or heard (not seen) within the 250 m VP radius were recorded on the maps (e.g. species, number activity etc.) using the standard recording procedures derived from Bibby et al (2000).
- 2.2.2.3 In addition, weather conditions and any agricultural (or other notable) activity was recorded at the start and end of each VP count, as well as any observed disturbance events during the VP count. For example, any event that might affect the normal utilisation of the area and might skew the utilisation data was recorded.

2.3 OnSS Site Walk-Over Surveys

2.3.1 Survey Preparation

- 2.3.1.1 Due to land access limitations for the OnSS site ([Figure 7](#)), it was not possible to survey the same walkover survey transects that had been completed during the OWB surveys (November 2018 to March 2019) ([Volume A6, Annex 3.3](#)) for the BBS effort.
- 2.3.1.2 As an alternative, the OnSS site has a number of accessible Public Right of Way (PRoW) that run either through parts of the site or adjacent to the site, which enabled VPs 36, 39 and 40 to be included within the 2019 BBS programme.
- 2.3.1.3 In addition, a further two VPs, namely VP 37 and VP 38, were also incorporated into the BBS 2019 programme as these are both located within the 400 kV NGET connection area, for which access was granted for all six visits during the BBS programme.
- 2.3.1.4 In total, therefore an additional five VPs were included within the 2019 BBS programme (i.e. VPs 36 to 40), that had not previously been included in the 2018/2019 OWB survey programme (see [Volume A6, Annex 3.3](#)). The inclusion of these five VPs was agreed with stakeholders as part of the Hornsea Four onshore Ecology Evidence Plan Technical Panel meeting held on the 8th January 2019 (ON-ECO-1.8). Agreement was subsequently obtained from NE via the Hornsea Four onshore ecology Evidence Plan Technical Panel meeting held on the 1st April 2020 (ON-ECO-1.13). Furthermore, it was agreed during meeting that the additional five VPs compensated for the lack of landowner access required for the previously conducted walk-over surveys and transects, by providing coverage of the OnSS site from fixed locations along the PRoW within this area.



Hornsea Four

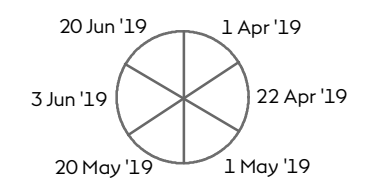
Figure 1

Vantage Points 1 to 6

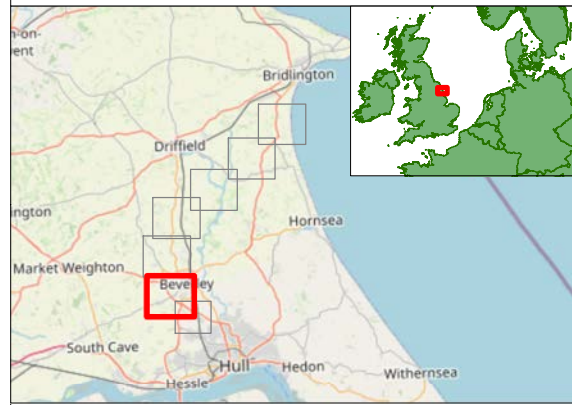
- Sheet 1 of 7

- Order Limits
- Vantage Point Location
- Vantage Point 250 m Buffer
- Walk-over transect routes

Vantage Point Visit Schedule



- Access
- No Access



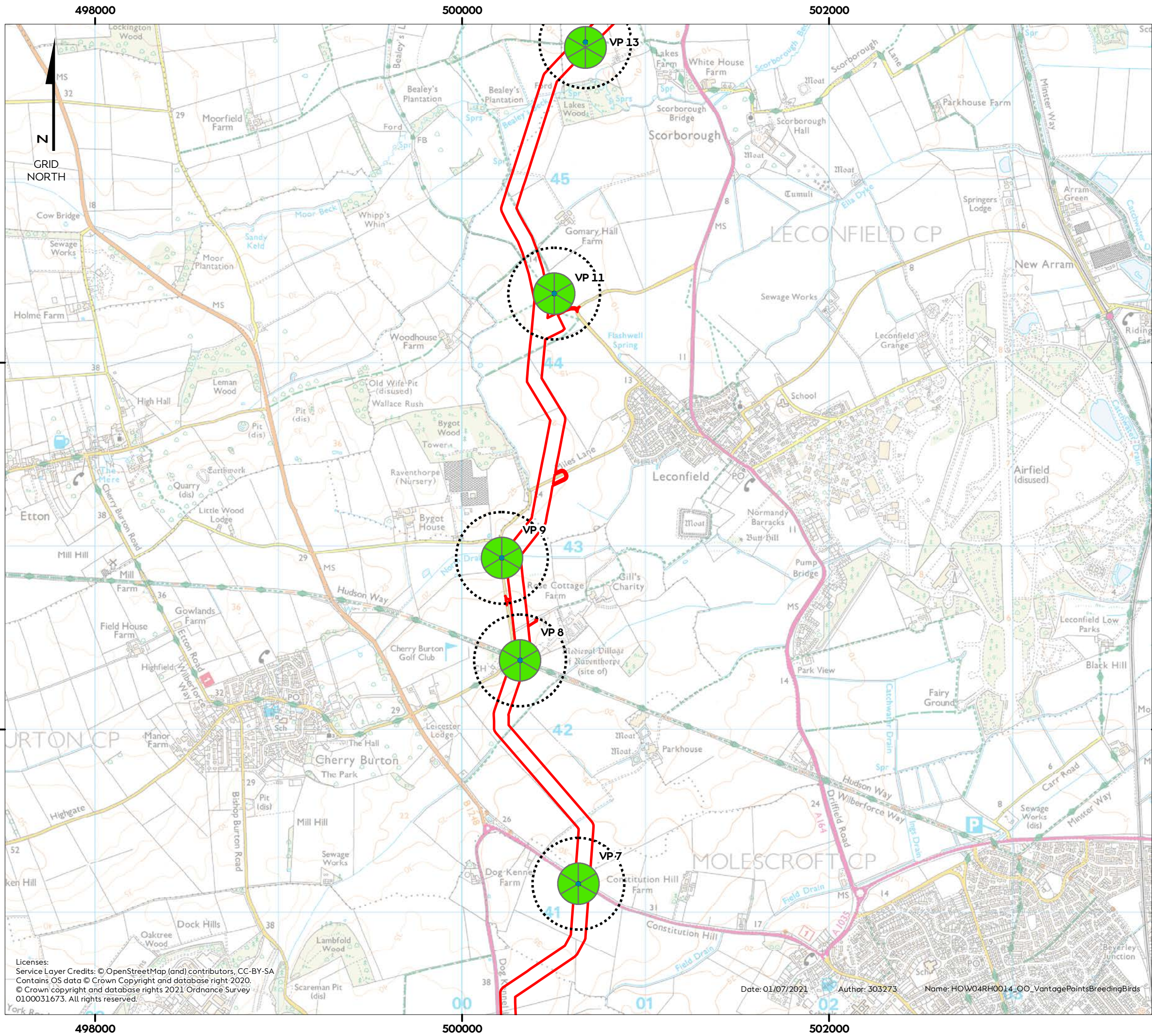
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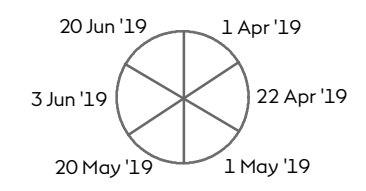
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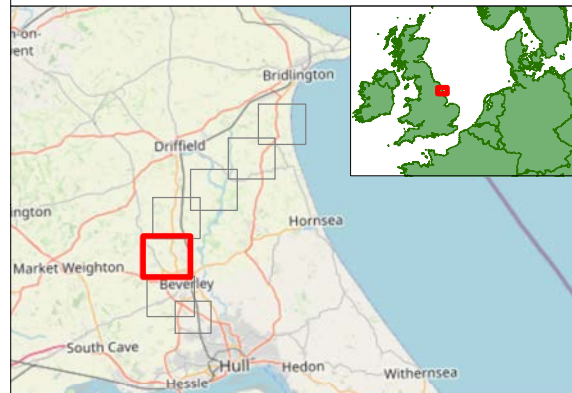
Hornsea Four
Figure 2
 Vantage Points 7 to 13
 - Sheet 2 of 7

- Order Limits
- Vantage Point Location
- Vantage Point 250 m Buffer

Vantage Point Visit Schedule



- Access
- No Access



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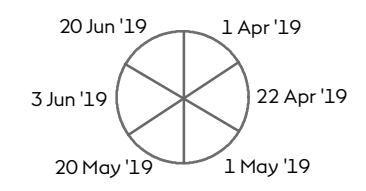
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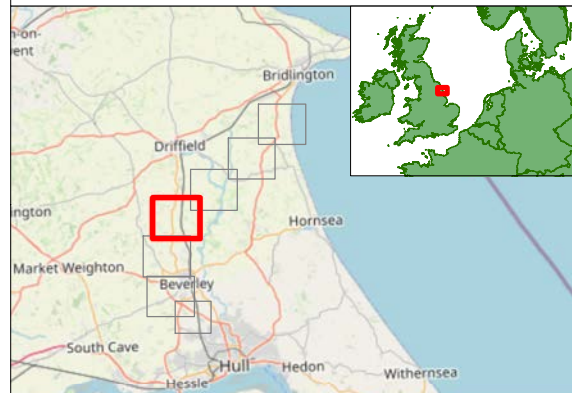
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Vantage Points 14 to 19
- Sheet 3 of 7

- Order Limits
- Vantage Point Location
- Vantage Point 250 m Buffer

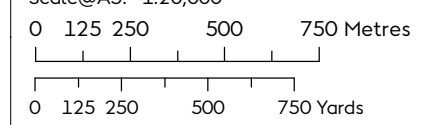
Vantage Point Visit Schedule



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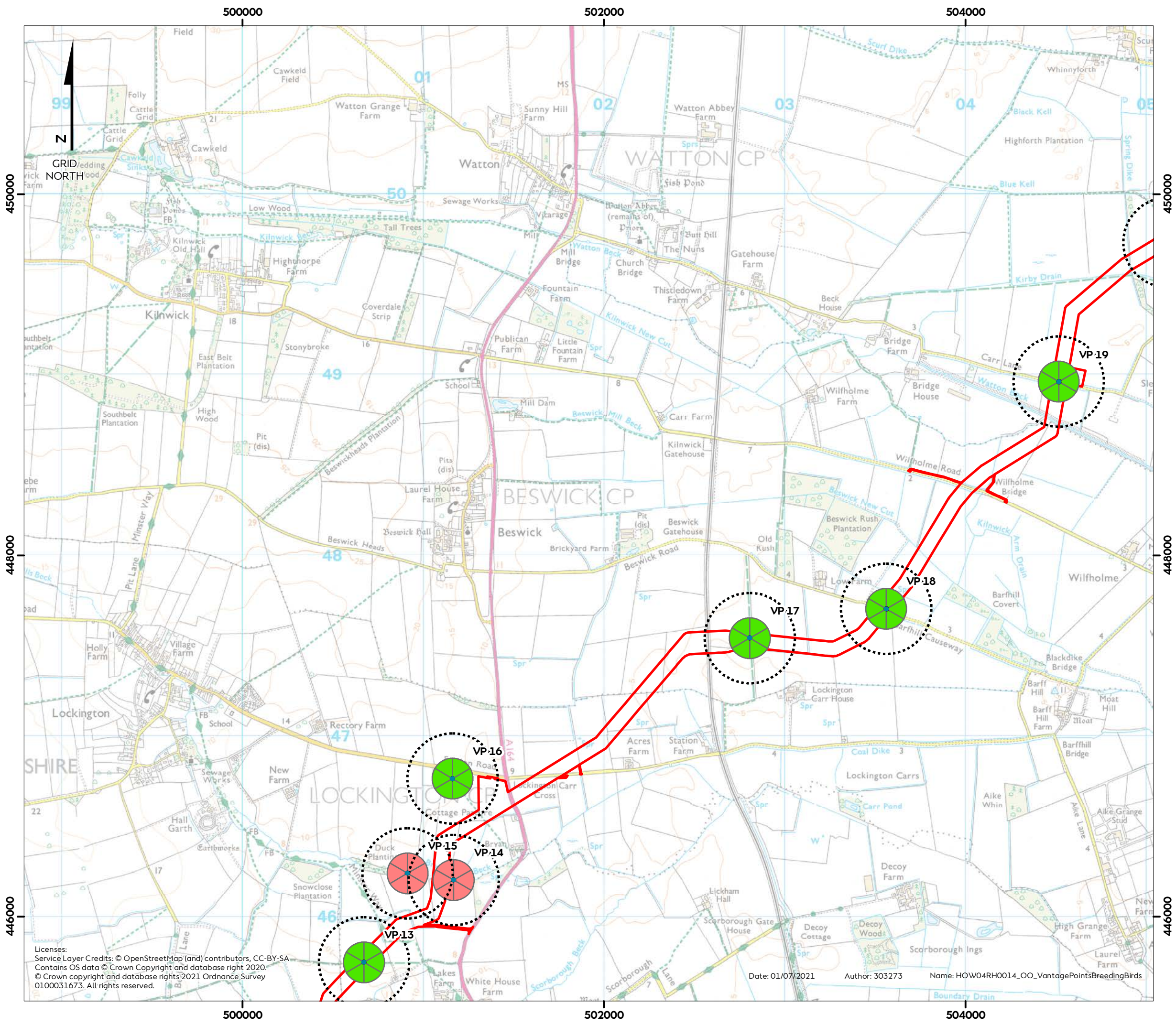


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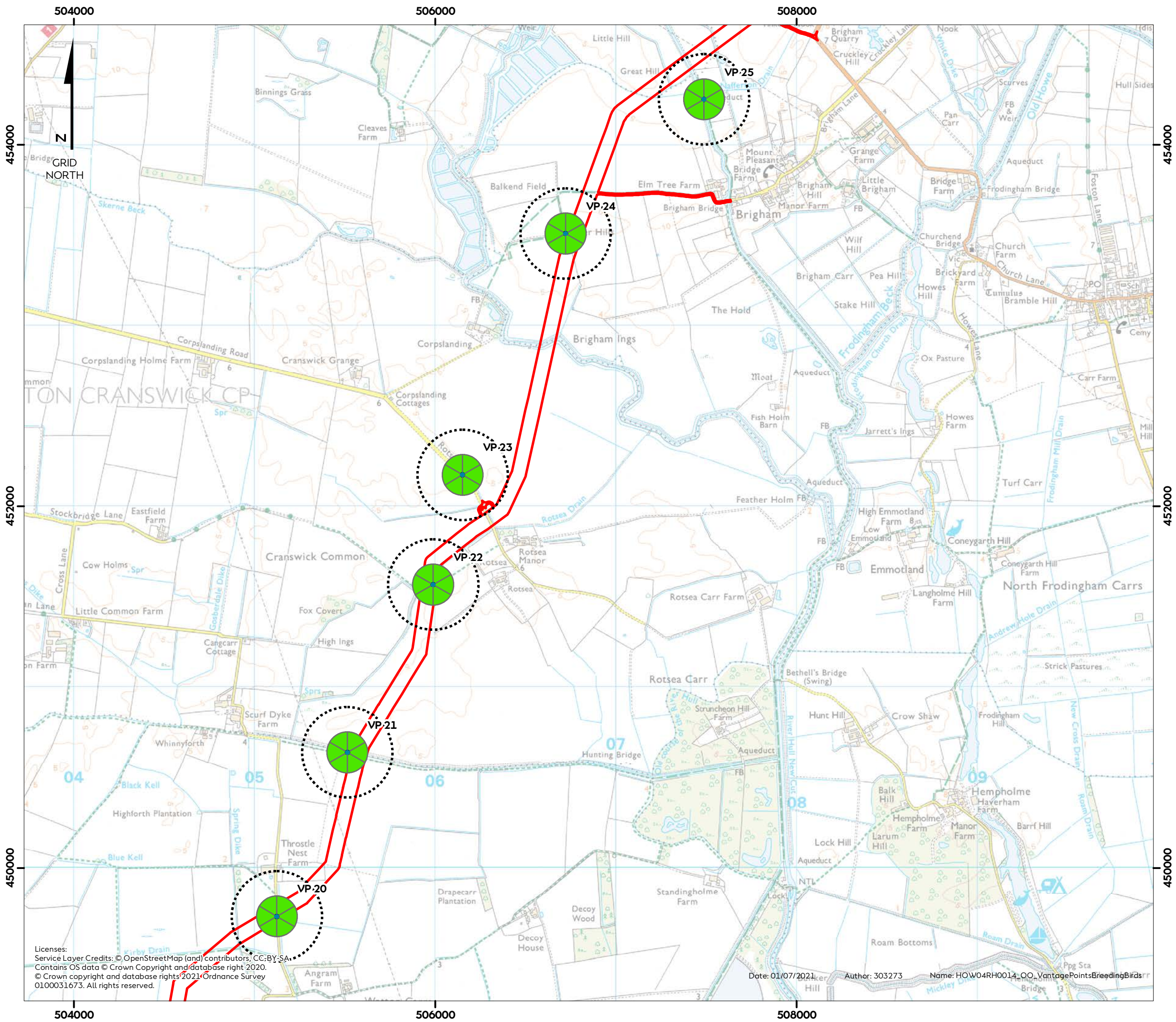


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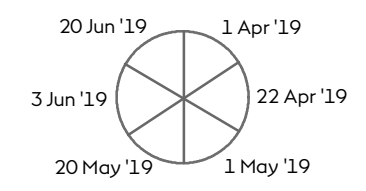


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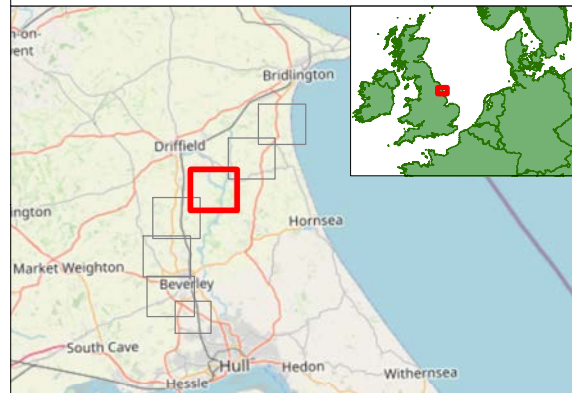
Figure 4
Vantage Points 20 to 25
- Sheet 4 of 7

- Order Limits
- Vantage Point Location
- Vantage Point 250 m Buffer

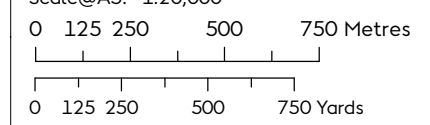
Vantage Point Visit Schedule



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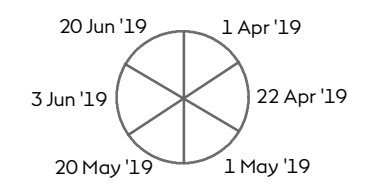
Figure 5

Vantage Points 26 to 30

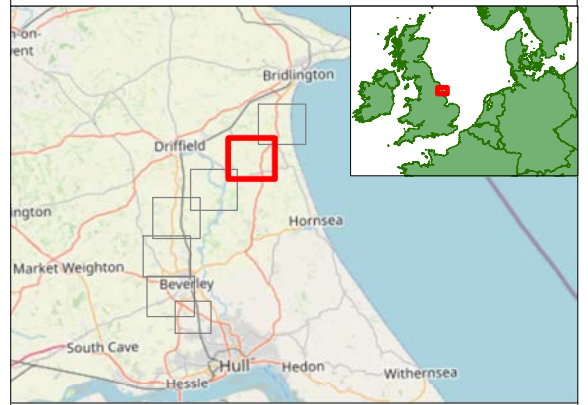
- Sheet 5 of 7

- Order Limits
- Vantage Point Location
- Vantage Point 250 m Buffer

Vantage Point Visit Schedule



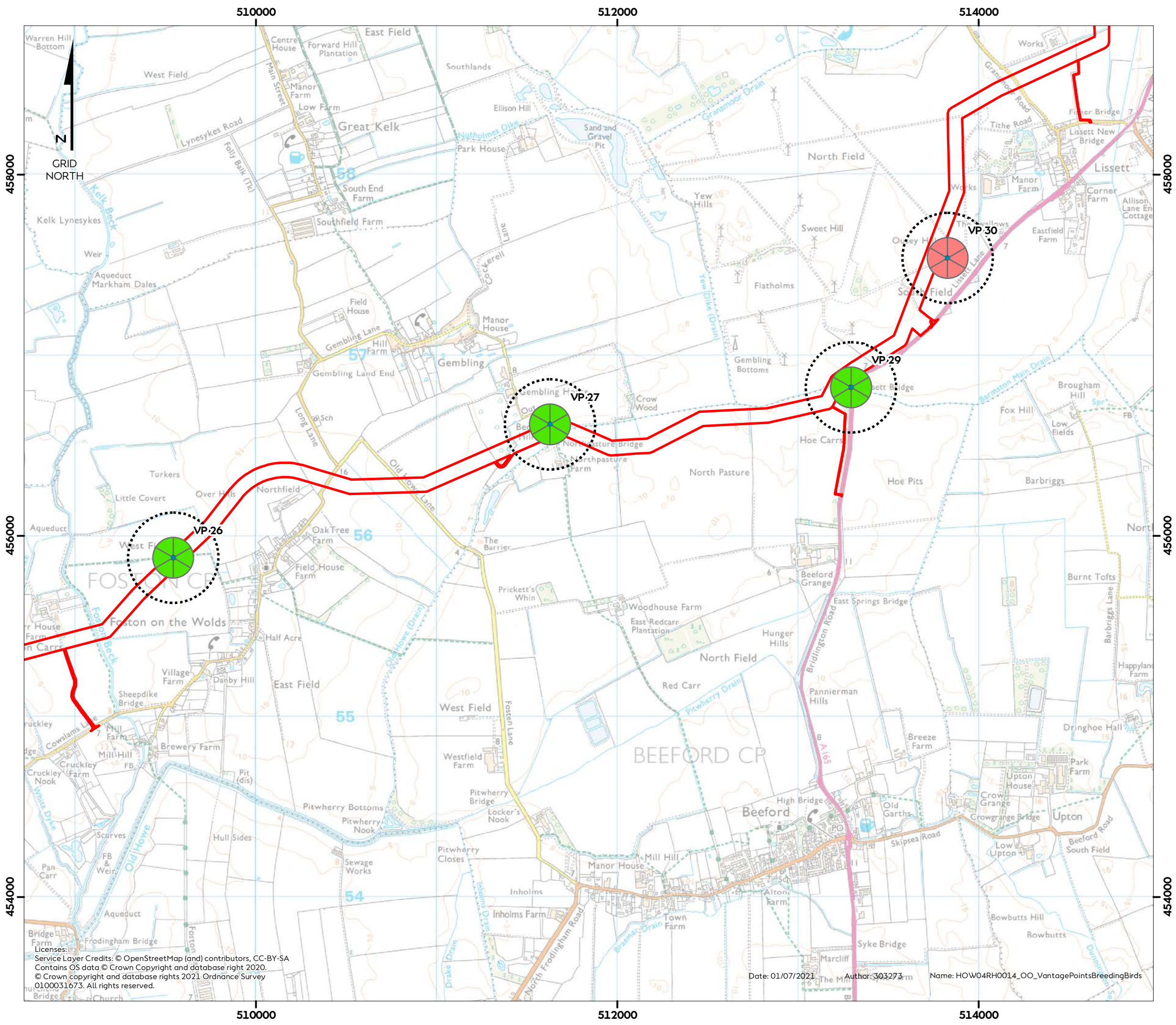
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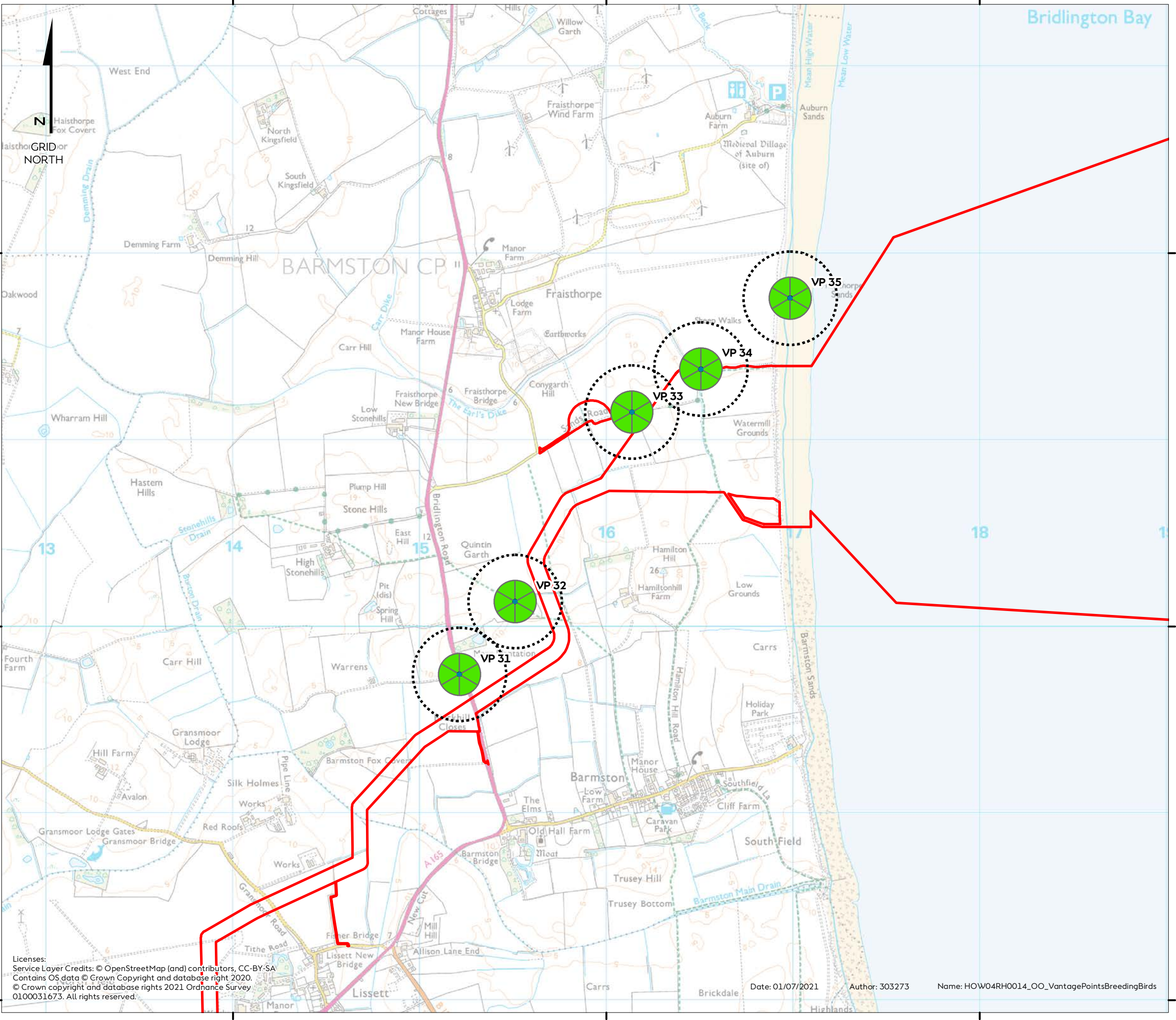
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Hornsea Four

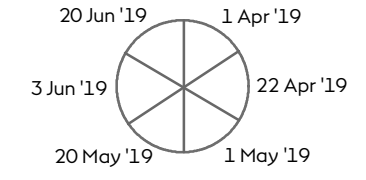
Figure 6

Vantage Points 31 to 35

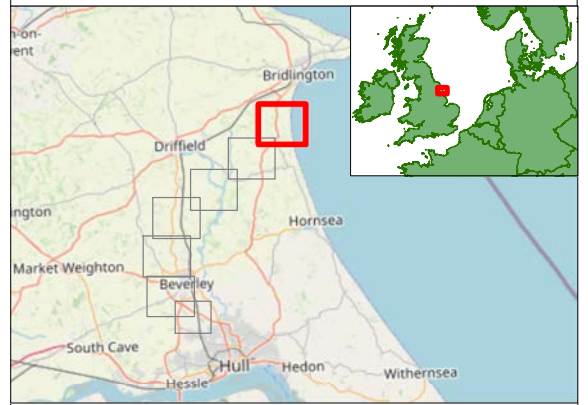
- Sheet 6 of 7

- Order Limits
- Vantage Point Location
- Vantage Point 250 m Buffer

Vantage Point Visit Schedule



- Access
- No Access

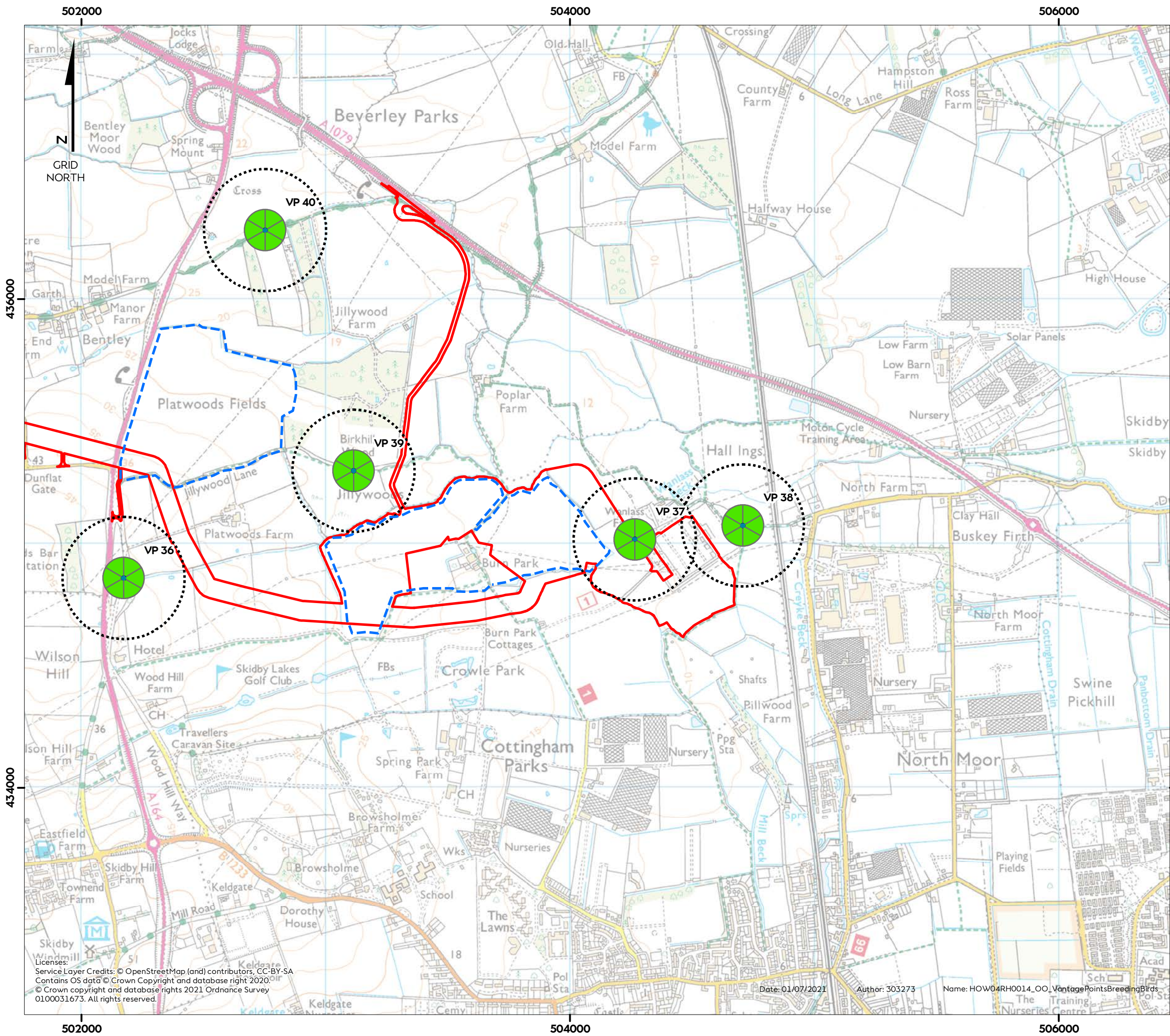


Coordinate system: British National Grid
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 0 125 250 500 750 Yards

REV	REMARK	DATE
	First Issue for PEIR	27/06/2019
A	Updated following PEIR consultations, for DCO	01/07/2021

Title: Vantage Points 31 to 35
 Document no: HOW04RH0014
 Created by: AZ
 Checked by: MS
 Approved by: CS

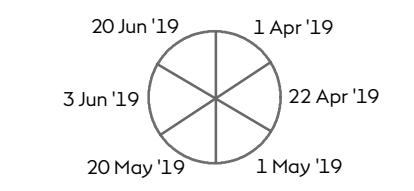
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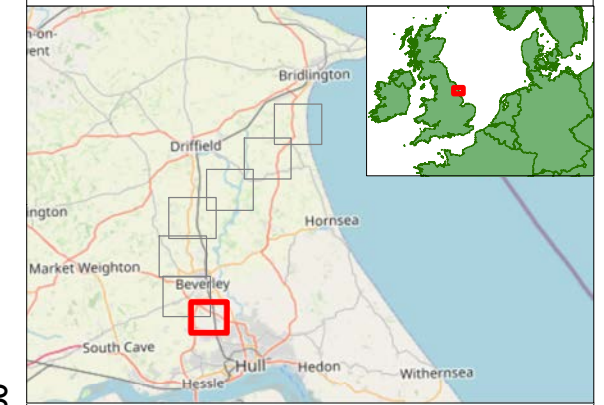
Hornsea Four
Figure 7
 OnSS with Walkover Transect Routes
 - Sheet 7 of 7

- Order Limits
- Vantage Point Location
- Vantage Point 250 m Buffer
- Walk-over transect routes

Vantage Point Visit Schedule



- Access
- No Access



Coordinate system: British National Grid
 Scale@A3: 1:15,000
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 0 125 250 500 750 Yards

REV	REMARK	DATE
	First Issue for PEIR	27/06/2019
A	Updated following PEIR consultations, for DCO	01/07/2021

Title: OnSS with Walkover Transect Routes
 Document no: HOW04RH0014
 Created by: AZ
 Checked by: MS
 Approved by: CS

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3 Survey Results

3.1 Data Limitations

- 3.1.1.1 During the OWB survey programme, a total of 35 VPs were identified to be surveyed. The successful undertaking and completion of surveys at each of these VP locations was reliant largely upon landowner access and agreement. This access was not consistently possible for all sites and for a number of sites, never granted. For further information, please see [Volume A6, Annex 3.3](#)).
- 3.1.1.2 Therefore, following the experience of undertaking the OWB surveys, all of the VP locations were reviewed and modified where required for the BBS programme. Where possible, and if not already located on a PRoW, the VP location for the BBS was moved to a nearby path, track or layby and as close as possible to the OWB VP, whilst ensuring it was representative of the habitat within the Hornsea Four Order Limits.
- 3.1.1.3 By revisiting and planning the VP locations for the BBS cycle, a total of 34 VPs were located on a PRoW and accessible without specific landowner access permission.
- 3.1.1.4 VPs 14, 15 and 30 were not able to be relocated to a nearby PRoW due to a lack of suitable alternatives. For these sites landowner access permission was required and requested. However, during the 2019 BBS period such permissions were not granted and as a result these three VPs were not surveyed.
- 3.1.1.5 For a further three VPs, (namely VPs 10, 12 and 28), the VP sites and undertaking of surveys were removed from the survey programme following the first BBS visits, since they were deemed to be duplicating or overlapping with immediately adjacent VP locations as a consequence of being moved to a PRoW.
- 3.1.1.6 Through the relocating of some of the VP locations, it was possible to consistently access 34 out of a total of 37 VP locations on all six visits. This greatly increased the coverage and collation of data along the onshore ECC, which resulted in a 92% coverage of the targeted VP locations during the 2019 BBS programme.
- 3.1.1.7 When planning and carrying out the 2019 BBS effort, the VP locations were determined based on the Hornsea Four pre-DCO boundary (submitted at Preliminary Environment Information Report (PEIR)). However, since this time, the Hornsea Four Order Limits have been further refined (as defined in [Volume A1, Chapter 3: Site Selection and Consideration of Alternatives](#)) and consequently some of the VP locations are no longer located within the Hornsea Four Order Limits (i.e. VP 35, 36, 38, 29 and 40) but are no more than 250 m from its boundaries (as can be seen in [Figure 1](#) to [Figure 7](#)). In these instances, and for these specific five VP locations, it is considered that the VP locations are located in representative (and comparable) habitat to that within the Hornsea Four Order Limits. Therefore, the results obtained from the 2019 BBS effort are considered to remain valid for informing the

ecological impact assessment set out in **Volume A3, Chapter 3: Ecology and Nature Conservation** of the Hornsea Four ES.

Table 1: VP Visit schedule and completion rate (see Figure 1 to Figure 7).

Vantage Point (VP)	Survey 1 w/c 1st April	Survey 2 w/c 22nd April	Survey 3 w/c 1st May	Survey 4 w/c. 20th May	Survey 5 w/c 3rd June	Survey 6 w/c 20th June	Visits Completed
1							6
2							6
3							6
4							6
5							6
6							6
7							6
8							6
9							6
10	VP removed from survey schedule due to duplication and overlap with VP11						0
11							6
12	VP removed from survey schedule due to duplication and overlap with VP13						0
13							6
14	No access	No access	No access	No access	No access	No access	0
15	No access	No access	No access	No access	No access	No access	0
16							6
17							6
18							6
19							6
20							6
21							6
22							6
23							6
24							6
25							6
26							6
27							6
28	VP removed from survey schedule due to duplication and overlap with VP29						0
29							6
30	No access	No access	No access	No access	No access	No access	0
31							6
32							6
33							6
34							6
35							6
36							6
37							6

Vantage Point (VP)	Survey 1 w/c 1st April	Survey 2 w/c 22nd April	Survey 3 w/c 1st May	Survey 4 w/c. 20th May	Survey 5 w/c 3rd June	Survey 6 w/c 20th June	Visits Completed
38							6
39							6
40							6
VPs completed	34	34	34	34	34	34	204
% VPs visited	92%	92%	92%	92%	92%	92%	92%

3.2 VP Survey Results – Key Species Assessment

- 3.2.1.1 The species records from the VP surveys with Birds of Conservation Concern 4 (BoCC4) status are shown in [Table 2](#) and indicate an assemblage that is generally characteristic of the area and habitats present.
- 3.2.1.2 The assemblage includes a number of farmland passerines, many of which are included on the red or amber BoCC4 lists (Eaton et al 2015), as well as a number of ducks, geese and waders.
- 3.2.1.3 Within the red listed species, Linnet (*Linaria cannabina*), Skylark (*Alauda arvensis*) and Yellowhammer (*Emberiza citronella*) were the most abundant species. The abundance of Linnet was in part due to large flocks still being encountered. Particularly towards the end of the survey programme and towards the end of the breeding period when it is more likely that family flocks were amalgamating and foraging together. Skylark were recorded on all but one VP (i.e. VP 35 located on the coast to the north of the landfall; see [Figure 6](#)) and present throughout all survey areas, with most records consisting of singing birds on territory above open farmland in good densities. Yellowhammer, more typically, were associated with hedgerows, adjacent to arable farmland and again were recorded throughout the survey area, being present in 29 out of the 34 surveyed VPs.
- 3.2.1.4 Yellow Wagtail (*Motacilla flava*), Corn Bunting (*Emberiza calandra*), and Tree Sparrow (*Passer montanus*) have shown significant declines nationally (Balmer et al 2013). A total of 84 Yellow Wagtail individuals were counted across 19 separate VPs, i.e. present in over half of all VPs. Tree Sparrows, now absent from some southern counties completely, were present sporadically throughout the Hornsea Four BBS area, and as such were present in 11 of the VPs. Corn Bunting were largely more confined to sections of the onshore ECC, and in particular VPs 33 and 34, being present in a total of 7 of the VP locations.
- 3.2.1.5 Woodland areas were shown to support more common species, predominantly of either amber or green BoCC4 status. This is with the exception of Marsh Tit (*Poecile palustris*) which is of red status and was encountered at successive VPs on the southern and north-east end sections of the onshore ECC (VPs 1, 36, 39 and 40). The most abundant woodland species, other than the ubiquitous Woodpigeon (*Columba palumbus*), were Goldfinch (*Carduelis carduelis*), Chaffinch (*Fringilla coelebs*) and Blackbird (*Turdus merula*).

- 3.2.1.6 The survey area, whilst predominantly arable farmland, hedgerows and small standings of woodland, also had a number of water features, consisting mostly of drainage channels or canals. These features supported low numbers of waterfowl, Mallard (*Anas platyrhynchos*), Gadwall (*Anas strepera*) and Moorhen (*Gallinula chloropus*), all of which are of green or amber BoCC4 status.
- 3.2.1.7 VP 35, located on the beach of Fraisthorpe Sands and to the north of the landfall, was one of the quieter VPs, but did include the presence of small flocks of Sanderling (*Calidris alba*) foraging on the shoreline. The species is a passage migrant only, but regularly uses the area and beaches of the east coast during the spring and autumn migration periods.
- 3.2.1.8 Based on the species recorded from the VP programme, and the levels of utilisation, it is considered that the findings show a breeding bird assemblage characteristic of the largely arable landscape of the East Riding of Yorkshire. The species recorded reflect the mix of habitats present, but more specifically, the predominance of arable agriculture, interspersed with hedgerows and occasional woodland.

Table 2: Total species recorded across all VPs during the 2019 Breeding Bird Survey (grouped by BoCC4 status: Red, Amber and Green status, and ranked by total number recorded).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Water body	Total No. Recorded	Single visit maxima
BoCC4 Red status	162	325	63	1123		1673	56
Linnet	48	79		465		592	56
Skylark	1			453		454	11
Yellowhammer	1	169	1	17		188	6
Starling	96			80		176	55
Yellow wagtail				84		84	6
Song thrush	1	4	54			59	2
Corn bunting	1	29		5		35	4
Tree sparrow		29	1	2		32	6
Lapwing	4			11		15	6
House sparrow		13				13	5
Marsh Tit	1		5			6	2
Mistle thrush	2	1	2	1		6	2
Grey partridge				5		5	2
Curlew	3					3	2
Herring gull	3					3	2
Grasshopper warbler		1				1	1
Grey wagtail	1					1	1
BoCC4 Amber Status	636	126	56	77	23	925	165
Swift	410					410	165
Reed bunting		44		54		98	3

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Water body	Total No. Recorded	Single visit maxima
Dunnoch		71	17			88	3
Stock dove	57					57	6
Mallard	32			5	13	50	6
Greylag goose	38				2	40	12
Bullfinch	2	9	24			35	3
Meadow pipit	7		1	17		25	5
House martin	22					22	4
Kestrel	19					19	2
Oystercatcher	13					13	4
Willow warbler		2	11			13	2
Common gull	8		3			11	3
Lesser black-backed gull	10					10	3
Black-headed gull	9					9	4
Sanderling					7	7	7
Gadwall	1				6	7	3
Barnacle goose	3					3	3
Marsh harrier	3					3	1
Great blacked-back gull	1					1	1
Greenshank					1	1	1
Grey plover	1					1	1
Shelduck					1	1	1
Snipe				1		1	1
BoCC4 Green Status	1276	691	1528	142	16	3653	90
Wood pigeon	307	6	506	7		826	90
Goldfinch	85	69	135	2		291	8
Chaffinch	1	95	191	4		291	6
Rook	229		20	30		279	22
Blackbird		101	141	7		249	5
Wren		99	98			197	4
Sand martin	170					170	41
Carrion crow	145	10	2	10		167	10
Whitethroat	4	143	5			152	5
Jackdaw	131	1	6	2		140	15
Blue tit	1	45	83			129	4
Blackcap	1	23	67			91	4
Robin		34	44	1		79	3
Pheasant		2	25	51		78	8
Great tit	1	29	44			74	5

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Water body	Total No. Recorded	Single visit maxima
Swallow	63					63	8
Chiff chaff			62			62	2
Magpie	11	5	37			53	4
Common buzzard	30			6		36	2
Canada goose	31					31	18
Pied wagtail	24			6		30	3
Cormorant	17		8			25	10
Great-spotted woodpecker	2		14			16	2
Long-tailed tit		4	9			13	4
Moorhen					13	13	3
Sedge warbler		9		2	1	12	2
Collared dove	10					10	2
Lesser whitethroat		9		1		10	2
Red-legged partridge				9		9	2
Sparrow hawk	5	1	3			9	1
Greenfinch		4	4			8	2
Green woodpecker			6	1		7	1
Grey heron	4			1		5	2
Jay	1		4			5	2
Coal tit			5			5	1
Goldcrest			5			5	1
Barn owl		1	1	2		4	2
Tree creeper			3			3	1
Reed warbler		1			1	2	1
Goosander	1					1	1
Hobby	1					1	1
Little Egret					1	1	1
Peregrine	1					1	1
Grand Total	2074	1142	1647	1342	39	6251	165

3.3 Schedule 1 Bird Species

3.3.1.1 In addition to the BoCC4 Red and Amber List species that have a conservation priority but are broadly expected from an arable landscape, a small number of species that were recorded during the 2019 BBS effort are specifically protected under Schedule 1 of the Wildlife and Countryside Act (WCA), 1981.

3.3.1.2 Schedule 1 of the WCA protects breeding birds, making it an offence to intentionally or recklessly disturb them at, on or near to an active nest.

3.3.1.3 **Table 3** lists the species recorded along the landfall, the onshore ECC and within the OnSS site, and which appear on Schedule 1 of the WCA, 1981. The level of breeding status, e.g. confirmed as breeding, is derived from an assessment of each species activity, utilising standard British Trust of Ornithology (BTO) breeding evidence criteria. These criteria allow each species to be derived as either non-breeding, possible breeder, probable breeder or confirmed breeder.

Table 3: Species recorded from the 2019 BBS programme included on Schedule 1 of the WCA, 1981.

Species	Breeding status and evidence	VP where species has been recorded during the 2019 BBS effort
Barn Owl (<i>Tyto alba</i>)	Confirmed breeding (adult carrying food to nest site)	16 and 33
Peregrine Falcon (<i>Falco peregrinus</i>)	Probable breeder (permanent territory presumed in suitable habitat)	37
Hobby (<i>Falco subbeteo</i>)	Non breeding (single observation of 1 st year male flying over)	17
Marsh Harrier (<i>Circus aeruginosus</i>)	Non breeding (single observations of an adult male individual flying over)	18, 25, and 31
Greenshank (<i>Tringa nebularia</i>)	Non breeding (single observation of an individual flying, suspected to be on migration to Northern breeding grounds)	34

3.3.1.4 A pair of Barn Owls (*Tyto alba*) were confirmed as breeding within the survey area near VP16 (see [Figure 3](#)). Two adults were seen both actively hunting and taking prey to a natural nest site in an Ash tree (*Fraxinus*), located along a field boundary running south from Station Road adjacent to Cottage Pasture (Grid Reference TA 00988 46536 / BNG 500988, 446536, see [Appendix 1](#)). This nest site and adjacent fields lie to the south of the proposed onshore ECC, which runs to the North of Station Road, circa 100 m from the nest location.

3.3.1.5 A second pair of Barn Owls were also observed using a derelict farm building, located on Sands Road Track, to the west of VP 33 (see [Figure 6](#)). This building lies approximately 100 m west of the onshore ECC. This pair are also considered to be confirmed breeders, seen entering and leaving a nest site.

3.3.1.6 A pair of Peregrines (*Falco peregrinus*) were regularly recorded during the overwintering survey programme utilising a number of pylons as perches from which they were actively hunting. During this period large flocks of Woodpigeon, which are a common prey species for Peregrine, were feeding on rape seed oil crops in fields where pylons were situated within the OnSS permanent and temporary work areas.

3.3.1.7 Whilst only a single individual was recorded during the 2019 BBS effort within the OnSS area, Peregrine are documented as breeding in the area and have historically bred on both pylons and the NGET Creyke Beck substation (*pers. com* with Mr James Spencer, BTO Rare Breeding Birds County Recorder). It is therefore likely that a single pair of Peregrine are probable

breeders within the area and are likely to be using a number of nesting locations locally, year to year. Albeit during the VP surveys for 2019 no specific nest site was identified.

- 3.3.1.8 An adult male Marsh Harrier (*Circus aeruginosus*) was recorded flying over three separate VP locations (VPs 18, 25 and 31) on a single occasion at each VP, and on three separate dates (2 May, 21 May and 3 June). These VPs are approximately 18 km apart at their maximum, i.e. between VP 18 and 31. The species is known to favour established reed beds for building nests and breeding, with adults foraging and hunting over both this habitat and open fields and dykes for prey. No suitable nesting habitat or further breeding evidence was identified from the VP surveys, and therefore the species has been classified as non-breeding.
- 3.3.1.9 A single 1st year male Hobby (*Falco subbeteo*) was recorded flying over VP 17 on the 2nd May 2019. The species is known to be returning to the UK to breed during this period, having returned from wintering grounds in West Africa. As such this individual bird recorded was likely to be only foraging and moving through the area in search of a prospective mate. No evidence of breeding was identified and therefore this individual has been classified as non-breeding.
- 3.3.1.10 A single Greenshank (*Tringa nebularia*) was recorded flying over at VP 34 on the 20th May 2019, relatively close to the east coast. This species is also known to be returning to the UK to breed during this period, and the individual recorded was likely to be only on migration northwards to breeding grounds in Scotland or further north. As such this individual has been classified as non-breeding.

4 Summary

- 4.1.1.1 The findings from the 2019 BBS effort indicate a bird assemblage within and around the Hornsea Four Order Limits that is consistent with similar habitat mosaics in the Holderness and the River Hull valley.
- 4.1.1.2 There are clear associations with habitat types, and to a lesser extent, with proximity to the coast. The presence of a suite of red and amber list BoCC4 species is to be expected.
- 4.1.1.3 During the breeding season, there were no notable aggregations of species, and as expected, the larger overwintering aggregations recorded, flocked and foraged together having dispersed into territorial breeding pairs.
- 4.1.1.4 A total of five species included on Schedule 1 of the WCA, 1981 were recorded, with only Barn Owl confirmed as breeding and Peregrine as a probable breeder. Marsh Harrier, Hobby and Greenshank were considered to be non-breeding within the Hornsea Four BBS area.

5 References

Allen, J., Boyes, S., Burdon, D., Cutts, N., Hawthorne, E., Hemingway, K., Jarvis, S., Jennings, K., Mander, L., Murby, P., Proctor, N., Thomson, S., and Waters, R. (2003). *The Humber Estuary: A Comprehensive Review of its Nature Conservation Interest. English Nature Research Report 547.* IECS, University of Hull.

Balmer, D., Gillings, S., Caffrey, B., Swann, B, Downie, I., and Fuller, R. (2013). *Bird Atlas 2007-2011.* BTO.

Bibby, C., Burgess, N., Hill, D. and Mustoe, S. (2000). *Bird Census Techniques.* Second Edition. Academic Press, London.

Eaton, M.A, Aebischer, N.J., Brown, A.F., Hearn, R.D., Lock, L., Musgrove, A.J., Noble, D.G., Stroud, D.A. and Gregor, R.D. (2015.) Birds of Conservation Concern 4: the population status of birds in the United Kingdom, Channel Islands and Isle of Man. *British Birds*, 108, 708-746.

O'Connor, R.J., and Shrubbs, M. (1991). *Farming and Birds.* Cambridge University Press.

Appendix 1: Individual Vantage Point records

Vantage Point 1



Figure 8: Vantage Point 1 (Google Earth 2019).

Grid reference: TA 01434 35518

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	02/04/2019	23/04/2019	07/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A1: Vantage Point 1 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status		4	5	6	15	4
Skylark				5	5	2
Song thrush			5		5	2
Yellowhammer		4		1	5	4
BoCC4 Amber Status	21	2	14		37	6
Greylag goose	13				13	6
Willow warbler			7		7	2
Duncock		2	4		6	2
Black-headed gull	4				4	2
Bullfinch			3		3	2
Mallard	3				3	2
Common gull	1				1	1
BoCC4 Green Status	7	1	139		147	10
Goldfinch			20		20	6
Wood pigeon			20		20	10
Chaffinch			17		17	6
Blackbird			15		15	4
Blackcap			12		12	3
Chiff chaff			10		10	2
Pheasant			9		9	5
Wren			7		7	2
Blue tit			6		6	2
Robin			5		5	2
Whitethroat		1	4		5	2
Green woodpecker			4		4	1
Great-spotted woodpecker			3		3	2
Carrion crow	2				2	1
Great tit			2		2	2
Long-tailed tit			2		2	2
Rook	2				2	2
Sparrowhawk	1		1		2	1
Swallow	2				2	1
Coal tit			1		1	1
Goldcrest			1		1	1
Grand Total	28	7	158	6	199	10

Vantage Point 2



Figure 9: Vantage Point 2 (Google Earth 2019).

Grid reference: TA 01268 36069

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	02/04/2019	23/04/2019	07/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A2: Vantage Point 2 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	1	1		7	9	2
Skylark				7	7	2
Linnet	1	1			2	1
BoCC4 Amber Status	1	13			14	3
Duncock		7			7	2
Bullfinch		6			6	3
Lesser black-backed gull	1				1	1
BoCC4 Green Status	17	70	5	2	94	5
Blackbird		14			14	4
Chaffinch		13			13	5
Goldfinch		12			12	5
Wood pigeon	7	2	1		10	3
Wren		6			6	2
Blue tit		5			5	2
Robin		5			5	2
Blackcap		4			4	2
Carrion crow	4				4	2
Great tit		3			3	1
Long-tailed tit		3			3	2
Magpie	2	1			3	2
Great-spotted woodpecker			2		2	1
Pheasant			1	1	2	1
Rook	2				2	1
Chiff chaff			1		1	1
Collared dove	1				1	1
Jackdaw	1				1	1
Lesser whitethroat		1			1	1
Red-legged partridge				1	1	1
Whitethroat		1			1	1
Grand Total	19	84	5	9	117	5

Vantage Point 3



Figure 10: Vantage Point 3 (Google Earth 2019).

Grid reference: TA 01314 36774

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	02/04/2019	23/04/2019	07/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A3: Vantage Point 3 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status		2	4	3	9	1
Skylark				3	3	1
Song thrush			3		3	1
Yellowhammer		2			2	1
Marsh Tit			1		1	1
BoCC4 Amber Status	9		7		16	6
Swift	6				6	6
Duncock			3		3	1
Greylag goose	3				3	3
Bullfinch			2		2	2
Willow warbler			2		2	1
BoCC4 Green Status	3	2	100		105	7
Blackcap			14		14	4
Blue tit			14		14	4
Wood pigeon			14		14	7
Wren			13		13	3
Chaffinch			10		10	3
Blackbird			7		7	2
Chiff chaff			7		7	2
Great tit			7		7	2
Robin			6		6	3
Common buzzard	3				3	2
Magpie			2		2	2
Pheasant			2		2	1
Tree creeper			2		2	1
Coal tit			1		1	1
Green woodpecker			1		1	1
Lesser whitethroat		1			1	1
Whitethroat		1			1	1
Grand Total	12	4	111	3	130	7

Vantage Point 4



Figure 11: Vantage Point 4 (Google Earth 2019).

Grid reference: TA 00899 37627

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	02/04/2019	23/04/2019	07/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A4: Vantage Point 4 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status		2	3	25	30	7
Linnet				18	18	7
Skylark				7	7	3
Song thrush			3		3	2
Yellowhammer		2			2	1
BoCC4 Amber Status	6	2	1		9	3
Duncock		2	1		3	1
House martin	3				3	3
Bullfinch	2				2	2
Lesser black-backed gull	1				1	1
BoCC4 Green Status	40	14	38		92	5
Wood pigeon	5		8		13	4
Blackbird		3	9		12	3
Goldfinch	12				12	5
Chaffinch		1	6		7	4
Carrion crow	5				5	2
Magpie	3		2		5	1
Rook	5				5	3
Blackcap		1	3		4	1
Collared dove	4				4	2
Robin		2	2		4	1
Whitethroat		4			4	1
Blue tit		3			3	2
Wren			3		3	2
Great tit			2		2	1
Jackdaw	2				2	2
Swallow	2				2	2
Goldcrest			1		1	1
Greenfinch			1		1	1
Pheasant			1		1	1
Pied wagtail	1				1	1
Sparrowhawk	1				1	1
Grand Total	46	18	42	25	131	7

Vantage Point 5



Figure 12: Vantage Point 5 (Google Earth 2019).

Grid reference: TA 00540 39691

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	02/04/2019	23/04/2019	07/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A5: Vantage Point 5 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	16	1		13	30	15
Starling	16				16	15
Skylark				13	13	4
Yellowhammer		1			1	1
BoCC4 Amber Status	2	2			4	2
Greylag goose	2				2	2
Bullfinch		1			1	1
Duncock		1			1	1
BoCC4 Green Status	24	34	37	4	99	5
Goldfinch		4	14		18	4
Chaffinch		2	10		12	3
Wood pigeon	12				12	4
Carrion crow	9		2		11	5
Blue tit		5	4		9	4
Wren		7	1		8	3
Blackbird		6	1		7	2
Great tit		2	3		5	2
Pheasant				4	4	1
Robin		4			4	2
Blackcap		2	1		3	1
Common buzzard	2				2	1
Greenfinch		2			2	2
Jackdaw	1				1	1
Sparrowhawk			1		1	1
Grand Total	42	37	37	17	133	15

Vantage Point 6

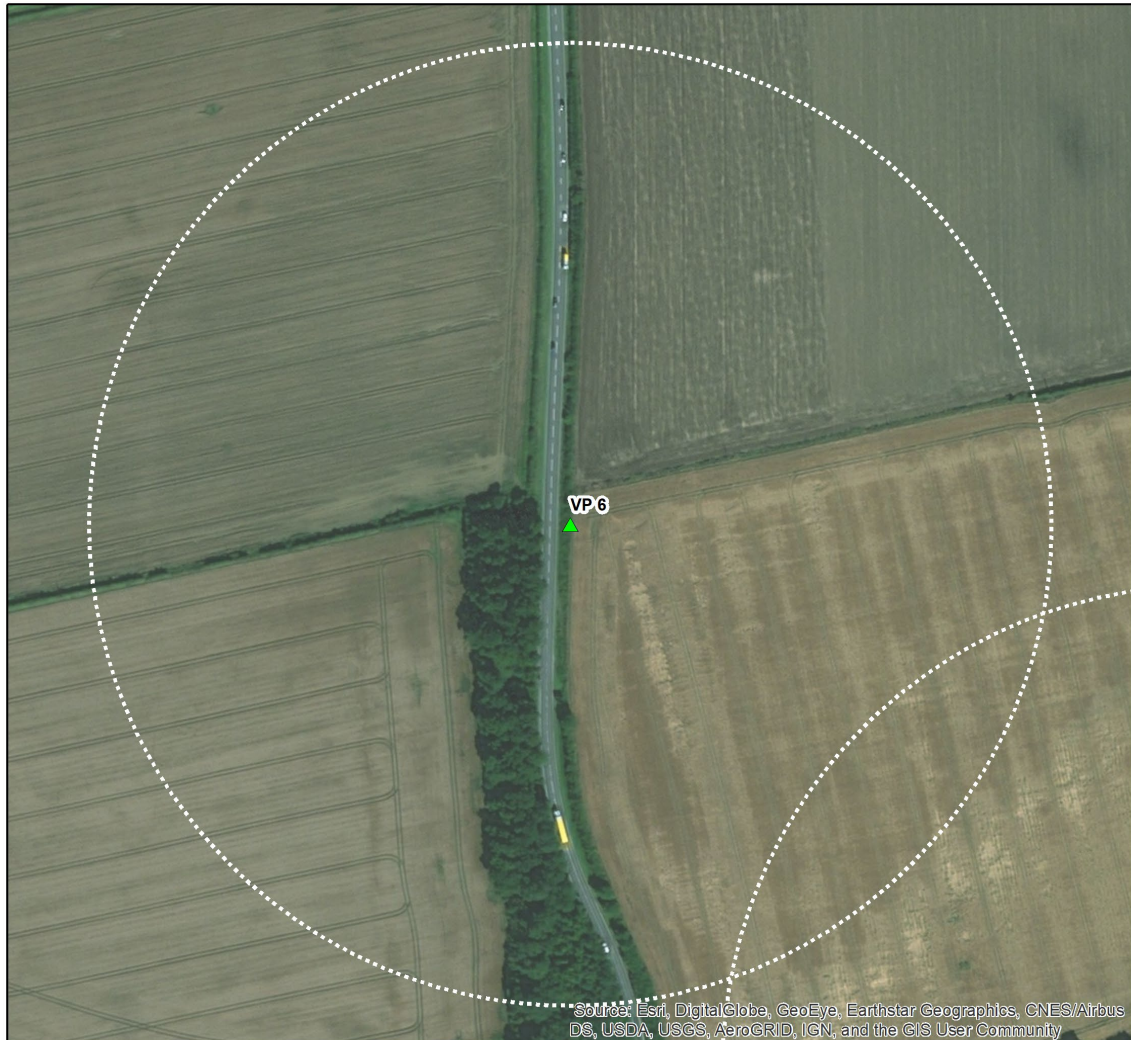


Figure 13: Vantage Point 6 (Google Earth 2019).

Grid reference: TA 00211 39973

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	02/04/2019	24/04/2019	07/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A6: Vantage Point 6 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status			3	16	19	4
Skylark				16	16	4
Song thrush			2		2	1
Yellowhammer			1		1	1
BoCC4 Amber Status	5				5	3
Common gull	3				3	3
Great blacked-back gull	1				1	1
Stock dove	1				1	1
BoCC4 Green Status	7	1	65	11	84	10
Wood pigeon			16	7	23	10
Chaffinch			11		11	3
Blue tit			8		8	3
Wren			8		8	2
Carrion crow	3			4	7	3
Blackcap			5		5	2
Blackbird			4		4	1
Robin			4		4	1
Great tit			3		3	2
Rook	3				3	3
Goldfinch			2		2	2
Magpie			2		2	1
Coal tit			1		1	1
Collared dove	1				1	1
Pheasant			1		1	1
Whitethroat		1			1	1
Grand Total	12	1	68	27	108	10

Vantage Point 7



Figure 14: Vantage Point 7 (Google Earth 2019).

Grid reference: TA 00634 41159

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	02/04/2019	23/04/2019	03/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A7: Vantage Point 7 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status		8	108	116	55
Starling			78	78	55
Linnet			12	12	10
Skylark			15	15	4
Tree sparrow		6		6	4
Yellow wagtail			3	3	3
Yellowhammer		2		2	1
BoCC4 Amber Status	1	3	9	13	3
Reed bunting			9	9	3
Common gull	1			1	1
Duncock		3		3	1
BoCC4 Green Status	33	33	4	70	7
Wood pigeon	20			20	7
Blackbird		16		16	4
Goldfinch	7	1		8	7
Chaffinch		3	3	6	3
Carrion crow	3	3		6	2
Whitethroat		5		5	3
Jackdaw	2			2	2
Wren		2		2	1
Blue tit		1		1	1
Great tit		1		1	1
Pheasant			1	1	1
Robin		1		1	1
Swallow	1			1	1
Grand Total	34	44	121	199	55

Vantage Point 8



Figure 15: Vantage Point 8 (Google Earth 2019).

Grid reference: TA 00316 42377

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	02/04/2019	23/04/2019	03/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A8: Vantage Point 8 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	1	1	3	4	9	2
Skylark				3	3	2
Song thrush		1	2		3	1
Linnet	1				1	1
Mistle thrush			1		1	1
Yellow wagtail				1	1	1
BoCC4 Amber Status		2	5		7	2
Bullfinch			3		3	2
Dunnock		1	2		3	1
Reed bunting		1			1	1
BoCC4 Green Status		14	100		114	10
Blackbird		5	15		20	5
Wood pigeon			19		19	10
Goldfinch		2	14		16	4
Chaffinch		2	10		12	3
Blue tit		1	10		11	4
Chiff chaff			9		9	2
Wren		2	7		9	2
Robin			5		5	2
Blackcap		1	3		4	1
Great tit			4		4	2
Whitethroat		1	1		2	1
Goldcrest			1		1	1
Magpie			1		1	1
Tree creeper			1		1	1
Grand Total	1	17	108	4	130	10

Vantage Point 9

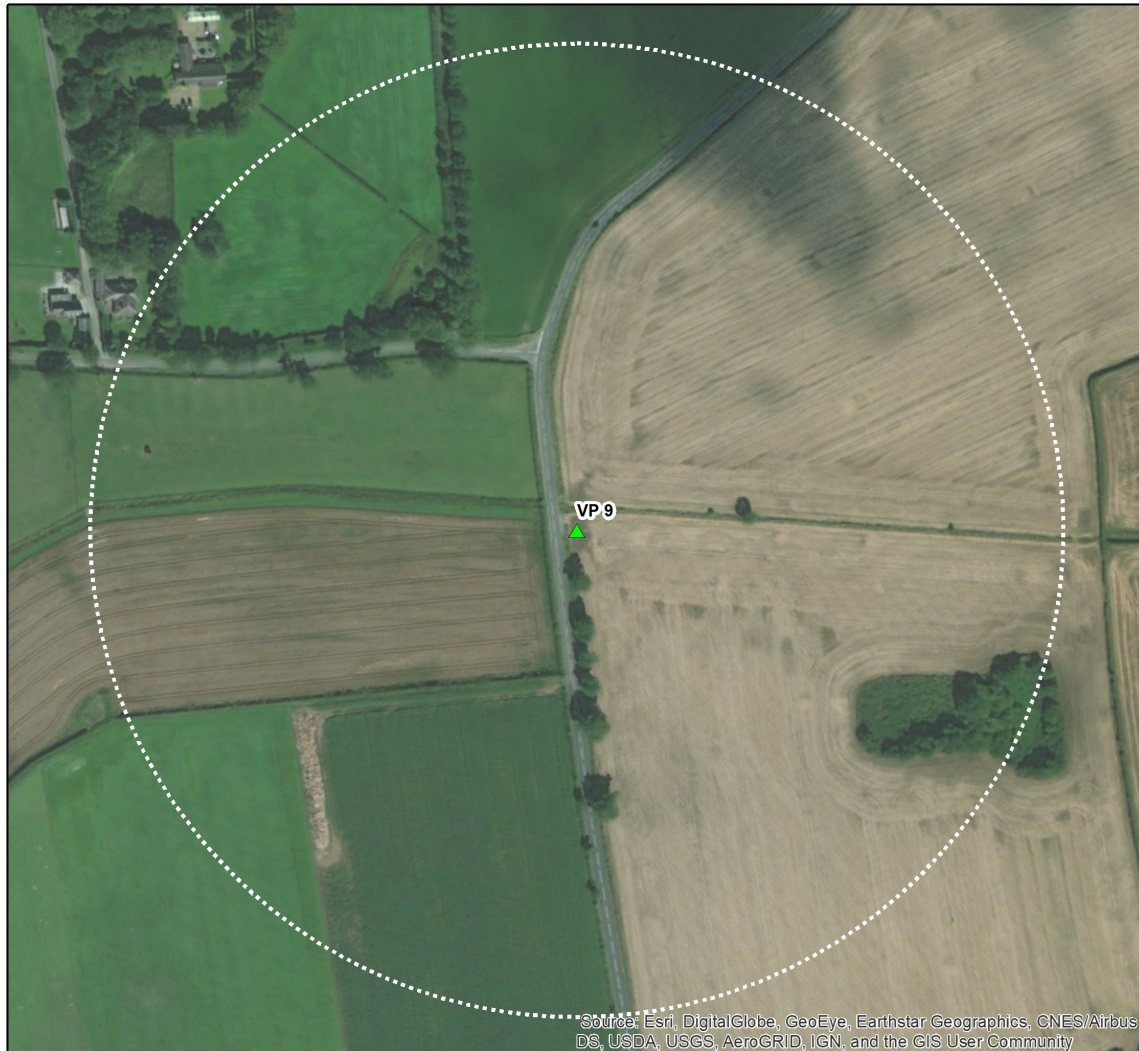


Figure 16: Vantage Point 9 (Google Earth 2019).

Grid reference: TA 00217 42936

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	02/04/2019	24/04/2019	03/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A9: Vantage Point 9 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	34	16	4	14	68	25
Starling	31				31	25
Yellowhammer		16			16	6
Skylark				10	10	2
Linnet	2			3	5	2
Song thrush			3		3	1
Corn bunting				1	1	1
Lapwing	1				1	1
Tree sparrow			1		1	1
BoCC4 Amber Status		5		6	11	2
Reed bunting		1		6	7	2
Duncock		4			4	2
BoCC4 Green Status	15	20	90	6	131	50
Wood pigeon	9		61		70	50
Blackbird		6	5	3	14	4
Blue tit		3	6		9	3
Chaffinch		1	6		7	3
Robin		2	5		7	3
Whitethroat		5			5	3
Blackcap		1	2		3	1
Carrion crow	3				3	2
Pheasant				3	3	3
Wren			3		3	1
Goldfinch		2			2	2
Magpie	1		1		2	1
Great tit			1		1	1
Jackdaw	1				1	1
Swallow	1				1	1
Grand Total	49	41	94	26	210	50

Vantage Point 11



Figure 17: Vantage Point 11 (Google Earth 2019).

Grid reference: TA 00530 44338

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	02/04/2019	24/04/2019	03/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A10: Vantage Point 11 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	11	4		30	45	6
Skylark				18	18	5
Linnet	3			5	8	3
Starling	8				8	6
Yellow wagtail				6	6	2
Yellowhammer		3		1	4	2
Tree sparrow		1			1	1
BoCC4 Amber Status			1		1	1
Dunnoch			1		1	1
BoCC4 Green Status	26	12	9		47	4
Wood pigeon	9				9	4
Carrion crow	7				7	3
Goldfinch	6				6	4
Chaffinch		3	2		5	2
Wren		3	2		5	2
Blackbird		1	3		4	2
Collared dove	2				2	2
Pheasant		2			2	2
Robin		2			2	1
Blackcap			1		1	1
Blue tit			1		1	1
Great tit		1			1	1
Pied wagtail	1				1	1
Rook	1				1	1
Grand Total	37	16	10	30	93	6

Vantage Point 13



Figure 18: Vantage Point 13 (Google Earth 2019).

Grid reference: TA 00672 45747

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	24/04/2019	03/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A11: Vantage Point 13 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	2	24	4	10	40	6
Tree sparrow		10			10	6
Skylark				9	9	2
Yellowhammer		8			8	3
House sparrow		6			6	3
Song thrush			4		4	1
Linnet	2			1	3	2
BoCC4 Amber Status	6	1	2		9	2
House martin	4				4	2
Dunnock		1	1		2	1
Stock dove	2				2	2
Willow warbler			1		1	1
BoCC4 Green Status	25	5	31	5	66	5
Wood pigeon	8		3		11	5
Blackbird		3	6		9	2
Chaffinch			8		8	2
Chiff chaff			6		6	2
Common buzzard	6				6	2
Pheasant			1	3	4	1
Carrion crow	3				3	1
Jay			3		3	2
Swallow	3				3	2
Blackcap		1	1		2	1
Jackdaw	2				2	1
Red-legged partridge				2	2	2
Rook	2				2	2
Wren			2		2	1
Blue tit			1		1	1
Pied wagtail	1				1	1
Whitethroat		1			1	1
Grand Total	33	30	37	15	115	6

Vantage Point 14



Figure 19: Vantage Point 14 (Google Earth 2019).

Grid reference: TA 01181 46193

No counts undertaken due to land access limitations

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	none	none	none	none	none	none

Vantage Point 15



Figure 20: Vantage Point 15 (Google Earth 2019).

Grid reference: TA 00898 46251

No counts undertaken due to land access limitations

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	none	none	none	none	none	none

Vantage Point 16



Figure 21: Vantage Point 16 (Google Earth 2019).

Grid reference: TA 01162 46764

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	24/04/2019	03/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A12: Vantage Point 16 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	9	17		27	53	6
Linnet		5		12	17	5
Skylark				12	12	3
Yellowhammer		10			10	4
Starling	6				6	6
Curlew	3				3	2
Yellow wagtail				3	3	1
Tree sparrow		2			2	1
BoCC4 Amber Status	3	5		1	9	2
Dunnock		5			5	2
Stock dove	2				2	2
Kestrel	1				1	1
Meadow pipit				1	1	1
BoCC4 Green Status	18	30	20	7	75	6
Goldfinch		8	7		15	6
Carrion crow	7	3			10	4
Wood pigeon	6		2		8	5
Whitethroat		7			7	2
Blackbird		3	2		5	2
Chaffinch		3	2		5	1
Jackdaw		1	4		5	4
Red-legged partridge				4	4	2
Barn owl*			1	2	3	2
Wren		3			3	1
Blue tit		2			2	2
Common buzzard	2				2	2
Swallow	2				2	2
Great tit			1		1	1
Great-spotted woodpecker			1		1	1
Pheasant				1	1	1
Pied wagtail	1				1	1
Grand Total	30	52	20	35	137	6

* Schedule 1 species

Vantage Point 17



Figure 22: Vantage Point 17 (Google Earth 2019).

Grid reference: TA 02807 47542

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	04/04/2019	24/04/2019	02/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A13: Vantage Point 17 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	1	20	56	77	14
Linnet		4	32	36	14
Skylark			16	16	5
Yellowhammer		13	2	15	5
Yellow wagtail			6	6	2
Tree sparrow		3		3	2
Starling	1			1	1
BoCC4 Amber Status	6	5	2	13	3
Duncock		5		5	2
House martin	3			3	3
Swift	2			2	2
Greylag goose	1			1	1
Meadow pipit			1	1	1
Reed bunting			1	1	1
BoCC4 Green Status	14	24	1	39	3
Carriion crow	2	3		5	2
Jackdaw	5			5	3
Whitethroat		5		5	2
Wren		5		5	1
Blackbird		3	1	4	2
Wood pigeon	3			3	2
Chaffinch		2		2	1
Goldfinch		2		2	2
Swallow	2			2	2
Blue tit		1		1	1
Common buzzard	1			1	1
Great tit		1		1	1
Hobby	1			1	1
Lesser whitethroat		1		1	1
Robin		1		1	1
Grand Total	21	49	59	129	14

Vantage Point 18



Figure 23: Vantage Point 18 (Google Earth 2019).

Grid reference: TA 03562 47704

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	04/04/2019	24/04/2019	02/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A14: Vantage Point 18 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status		9	54	63	10
Linnet		3	18	21	10
Skylark			21	21	5
Yellow wagtail			13	13	6
Yellowhammer		4		4	2
Tree sparrow		1	2	3	2
Song thrush		1		1	1
BoCC4 Amber Status	11	9	8	28	6
Reed bunting		4	5	9	3
Stock dove	9			9	6
Duncock		5		5	3
Meadow pipit			3	3	3
Kestrel	1			1	1
Marsh harrier	1			1	1
BoCC4 Green Status	24	15	2	41	5
Blackbird		8		8	4
Goldfinch	8			8	3
Whitethroat		6		6	3
Carrion crow	5			5	2
Jackdaw	5			5	5
Chaffinch	1	1		2	1
Wood pigeon	2			2	2
Pheasant			1	1	1
Pied wagtail	1			1	1
Red-legged partridge			1	1	1
Rook	1			1	1
Sparrowhawk	1			1	1
Grand Total	35	33	64	132	10

Vantage Point 19



Figure 24: Vantage Point 19 (Google Earth 2019).

Grid reference: TA 04517 48962

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	04/04/2019	24/04/2019	02/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A15: Vantage Point 19 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	3	18		156	177	56
Linnet	1	4		113	118	56
Skylark				35	35	11
Yellowhammer		13			13	3
Lapwing				6	6	6
Yellow wagtail				2	2	1
Song thrush	1				1	1
Starling	1				1	1
Tree sparrow		1			1	1
BoCC4 Amber Status	14	11		3	28	5
Reed bunting		5		3	8	2
Dunnock		5			5	2
Meadow pipit	5				5	5
Barnacle goose	3				3	3
Kestrel	3				3	1
Mallard	2				2	2
Oystercatcher	1				1	1
Willow warbler		1			1	1
BoCC4 Green Status	16	36	6	1	59	5
Wood pigeon	11				11	4
Whitethroat		10			10	5
Goldfinch		3	6		9	4
Chaffinch		7			7	3
Wren		6			6	2
Lesser whitethroat		3			3	2
Swallow	3				3	2
Blue tit		2			2	2
Great tit		2			2	1
Rook	2				2	2
Blackbird		1			1	1
Blackcap		1			1	1
Green woodpecker				1	1	1
Sedge warbler		1			1	1
Grand Total	33	65	6	160	264	56

Vantage Point 20

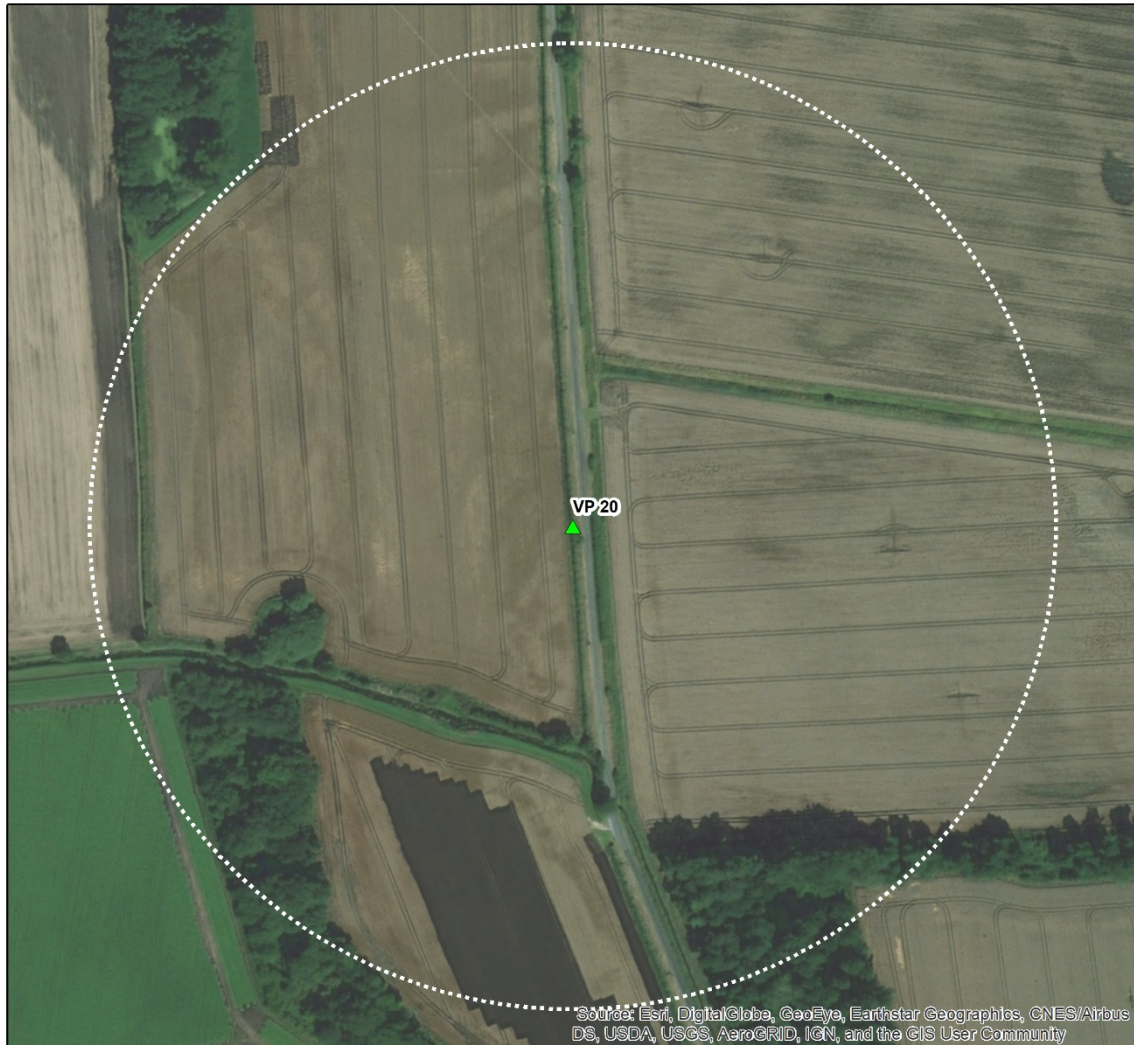


Figure 25: Vantage Point 20 (Google Earth 2019).

Grid reference: TA 05124 49732

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	04/04/2019	24/04/2019	02/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A16: Vantage Point 20 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	11	16	6	25	58	15
Linnet	9	4		22	35	15
Yellowhammer		10		2	12	4
Song thrush		1	6		7	2
Lapwing	1				1	1
Skylark				1	1	1
Starling	1				1	1
Tree sparrow		1			1	1
BoCC4 Amber Status	9	8		6	23	3
Reed bunting		5		6	11	3
Stock dove	6				6	3
Dunnock		2			2	1
Kestrel	2				2	2
House martin	1				1	1
Willow warbler		1			1	1
BoCC4 Green Status	59	48	19	3	129	9
Jackdaw	23				23	9
Wood pigeon	16		2		18	5
Goldfinch	1	12			13	5
Wren		9	3		12	3
Chaffinch		10	1		11	3
Blackbird		5	5		10	4
Rook	9				9	4
Whitethroat		8			8	3
Swallow	4				4	2
Great tit		2	1		3	2
Greenfinch		1	2		3	1
Carrion crow	2				2	2
Chiff chaff			2		2	1
Common buzzard	2				2	1
Lesser whitethroat		1		1	2	1
Pied wagtail	1			1	2	1
Blackcap			1		1	1
Blue tit			1		1	1
Collared dove	1				1	1

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
Great-spotted woodpecker			1		1	1
Pheasant				1	1	1
Grand Total	79	72	25	34	210	15

Vantage Point 21



Figure 26: Vantage Point 21 (Google Earth 2019).

Grid reference: TA 05514 50639

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	04/04/2019	24/04/2019	02/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A17: Vantage Point 21 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Waterbody	Total No. Recorded	Single visit maxima
BoCC4 Red Status		6		42		48	8
Skylark				29		29	8
Linnet				6		6	3
Yellow wagtail				6		6	4
Yellowhammer		4				4	3
House sparrow		2				2	2
Lapwing				1		1	1
BoCC4 Amber Status		2		2	2	6	2
Reed bunting		2		2		4	2
Mallard					2	2	2
BoCC4 Green Status	12	19	1	7		39	4
Carrion crow	3			6		9	4
Whitethroat		9				9	4
Rook	6					6	4
Sedge warbler		3				3	2
Wren		3				3	1
Chaffinch		2				2	2
Goldfinch		2				2	1
Pied wagtail	1			1		2	1
Chiff chaff			1			1	1
Swallow	1					1	1
Wood pigeon	1					1	1
Grand Total	12	27	1	51	2	93	8

Vantage Point 22



Figure 27: Vantage Point 22 (Google Earth 2019).

Grid reference: TA 05989 51567

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	04/04/2019	24/04/2019	02/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A18: Vantage Point 22 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Waterbody	Total No. Recorded	Single visit maxima
BoCC4 Red Status		13		34		47	4
Skylark				14		14	4
Linnet		3		8		11	4
Corn bunting		7		2		9	2
Yellow wagtail				7		7	2
Grey partridge				2		2	2
Yellowhammer		2				2	1
Song thrush		1				1	1
Starling				1		1	1
BoCC4 Amber Status	15	1		3	3	22	4
Stock dove	9					9	4
Mallard	5					5	4
Gadwall	1				3	4	3
Reed bunting		1		3		4	1
BoCC4 Green Status	104	28	1	4		137	15
Jackdaw	54					54	15
Wood pigeon	24					24	12
Rook	19					19	7
Whitethroat		11				11	3
Goldfinch	6	2				8	3
Chaffinch		5				5	2
Wren		4				4	1
Blackbird		2				2	1
Pheasant				2		2	1
Sedge warbler		1		1		2	1
Blackcap		1				1	1
Chiff chaff			1			1	1
Great-spotted woodpecker	1					1	1
Greenfinch		1				1	1
Lesser whitethroat		1				1	1
Pied wagtail				1		1	1
Grand Total	119	42	1	41	3	206	15

Vantage Point 23



Figure 28: Vantage Point 23 (Google Earth 2019).

Grid reference: TA 06152 52174

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	04/04/2019	24/04/2019	02/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A19: Vantage Point 23 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	15	17	64		96	14
Linnet	8	5	39		52	14
Skylark			17		17	5
Yellowhammer		7	4		11	4
Starling	6				6	3
Corn bunting	1	4			5	2
Yellow wagtail			4		4	1
Grasshopper warbler		1			1	1
BoCC4 Amber Status	13	11	1	2	27	3
Reed bunting		6	1		7	3
Stock dove	7				7	3
Duncock		5			5	2
Mallard	4			1	5	3
Swift	2				2	2
Shelduck				1	1	1
BoCC4 Green Status	65	40	4		109	12
Wood pigeon	18				18	12
Whitethroat	3	12			15	4
Rook	14				14	9
Carrion crow	8				8	3
Jackdaw	7				7	5
Goldfinch	3	3			6	2
Wren		6			6	2
Blackbird		5			5	2
Blue tit	1	4			5	2
Pheasant			4		4	2
Robin		4			4	1
Chaffinch		3			3	1
Great tit	1	2			3	1
Grey heron	3				3	2
Swallow	3				3	2
Blackcap	1	1			2	1
Cormorant	2				2	2
Great-spotted woodpecker	1				1	1
Grand Total	93	68	69	2	232	14

Vantage Point 24



Figure 29: Vantage Point 24 (Google Earth 2019).

Grid reference: TA 06722 53509

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	04/04/2019	24/04/2019	02/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A20: Vantage Point 24 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status		45		50	95	17
Linnet		31		33	64	17
Yellowhammer		12			12	5
Skylark				9	9	2
Yellow wagtail				8	8	3
Corn bunting		2			2	1
BoCC4 Amber Status	1	6			7	1
Duncock		3			3	1
Reed bunting		3			3	1
Greylag goose	1				1	1
BoCC4 Green Status	24	38	8	1	71	8
Chaffinch		12			12	4
Carrion crow	10				10	4
Cormorant			8		8	8
Wren		8			8	2
Wood pigeon	6	1			7	3
Great tit		6			6	1
Whitethroat		6			6	2
Rook	5				5	5
Blackbird		4			4	2
Blue tit		1			1	1
Goosander	1				1	1
Grey heron	1				1	1
Pheasant				1	1	1
Swallow	1				1	1
Grand Total	25	89	8	51	173	17

Vantage Point 25



Figure 30: Vantage Point 25 (Google Earth 2019).

Grid reference: TA 07488 54251

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	24/04/2019	02/05/2019	21/05/2019	04/06/2019	18/06/2019

Table A21: Vantage Point 25 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Waterbody	Total No. Recorded	Single visit maxima
BoCC4 Red Status	6	1		10		17	3
Skylark				7		7	2
Starling	5			1		6	3
Yellowhammer	1	1		1		3	1
Linnet				1		1	1
BoCC4 Amber Status	10	3		5	8	26	3
Mallard	5				3	8	3
Reed bunting		3		5		8	2
Gadwall					3	3	3
Greylag goose					2	2	2
Kestrel	2					2	1
Oystercatcher	2					2	2
Marsh harrier	1					1	1
BoCC4 Green Status	54	33	13	3	10	113	11
Wood pigeon	22		8			30	8
Rook	12					12	11
Wren		11				11	3
Chaffinch		8	1			9	3
Moorhen					9	9	3
Carrion crow	6					6	6
Jackdaw	4		2			6	2
Goldfinch	5					5	3
Robin		3	1	1		5	1
Swallow	3					3	3
Whitethroat	1	2				3	1
Blackbird		2				2	1
Magpie		1	1			2	1
Sedge warbler		2				2	1
Blackcap		1				1	1
Great tit		1				1	1
Grey heron				1		1	1
Lesser whitethroat		1				1	1
Little Egret					1	1	1
Pheasant				1		1	1
Pied wagtail	1					1	1

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Waterbody	Total No. Recorded	Single visit maxima
Reed warbler		1				1	1
Grand Total	70	37	13	18	18	156	11

Vantage Point 26



Figure 31: Vantage Point 26 (Google Earth 2019).

Grid reference: TA 09543 55879

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	23/04/2019	01/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A22: Vantage Point 26 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	2	10	94	106	55
Linnet	2	6	59	67	55
Skylark			28	28	9
Yellowhammer		4	3	7	3
Grey partridge			2	2	2
Lapwing			2	2	2
BoCC4 Amber Status	3	3		6	3
Reed bunting		3		3	3
Stock dove	2			2	2
Swift	1			1	1
BoCC4 Green Status	44	7	25	76	22
Rook	23		22	45	22
Wood pigeon	14			14	9
Jackdaw	5		2	7	2
Whitethroat		5		5	3
Blackbird		1		1	1
Chaffinch		1		1	1
Collared dove	1			1	1
Goldfinch	1			1	1
Pheasant			1	1	1
Grand Total	49	20	119	188	55

Vantage Point 27



Figure 32: Vantage Point 27 (Google Earth 2019).

Grid reference: TA 11628 56617

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	23/04/2019	01/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A23: Vantage Point 27 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Waterbody	Total No. Recorded	Single visit maxima
BoCC4 Red Status	16	14	3	14		47	15
Starling	16					16	15
Yellowhammer		10				10	4
Skylark				8		8	3
Linnet				3		3	2
Tree sparrow		3				3	3
Mistle thrush		1	1			2	1
Song thrush			2			2	1
Yellow wagtail				2		2	1
Lapwing				1		1	1
BoCC4 Amber Status	32	6	3			41	20
Swift	20					20	20
Stock dove	6					6	2
Duncock		4				4	2
Mallard	4					4	3
Bullfinch		2	1			3	2
Kestrel	1					1	1
Meadow pipit			1			1	1
Oystercatcher	1					1	1
Willow warbler			1			1	1
BoCC4 Green Status	91	29	63	6	4	193	17
Wood pigeon	21		25			46	13
Sand martin	36					36	17
Rook	12					12	5
Wren		6	6			12	3
Chaffinch		2	9			11	3
Jackdaw	11					11	6
Goldfinch	3	2	4			9	3
Blue tit		4	4			8	3
Chiff chaff			7			7	2
Great tit		2	4			6	2
Pied wagtail	5			1		6	2
Whitethroat		6				6	2
Blackbird		3	2			5	2
Pheasant				5		5	1

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Waterbody	Total No. Recorded	Single visit maxima
Moorhen					4	4	2
Blackcap		1	1			2	1
Sparrowhawk	1	1				2	1
Swallow	2					2	1
Great-spotted woodpecker			1			1	1
Robin		1				1	1
Sedge warbler		1				1	1
Grand Total	139	49	69	20	4	281	20

Vantage Point 29

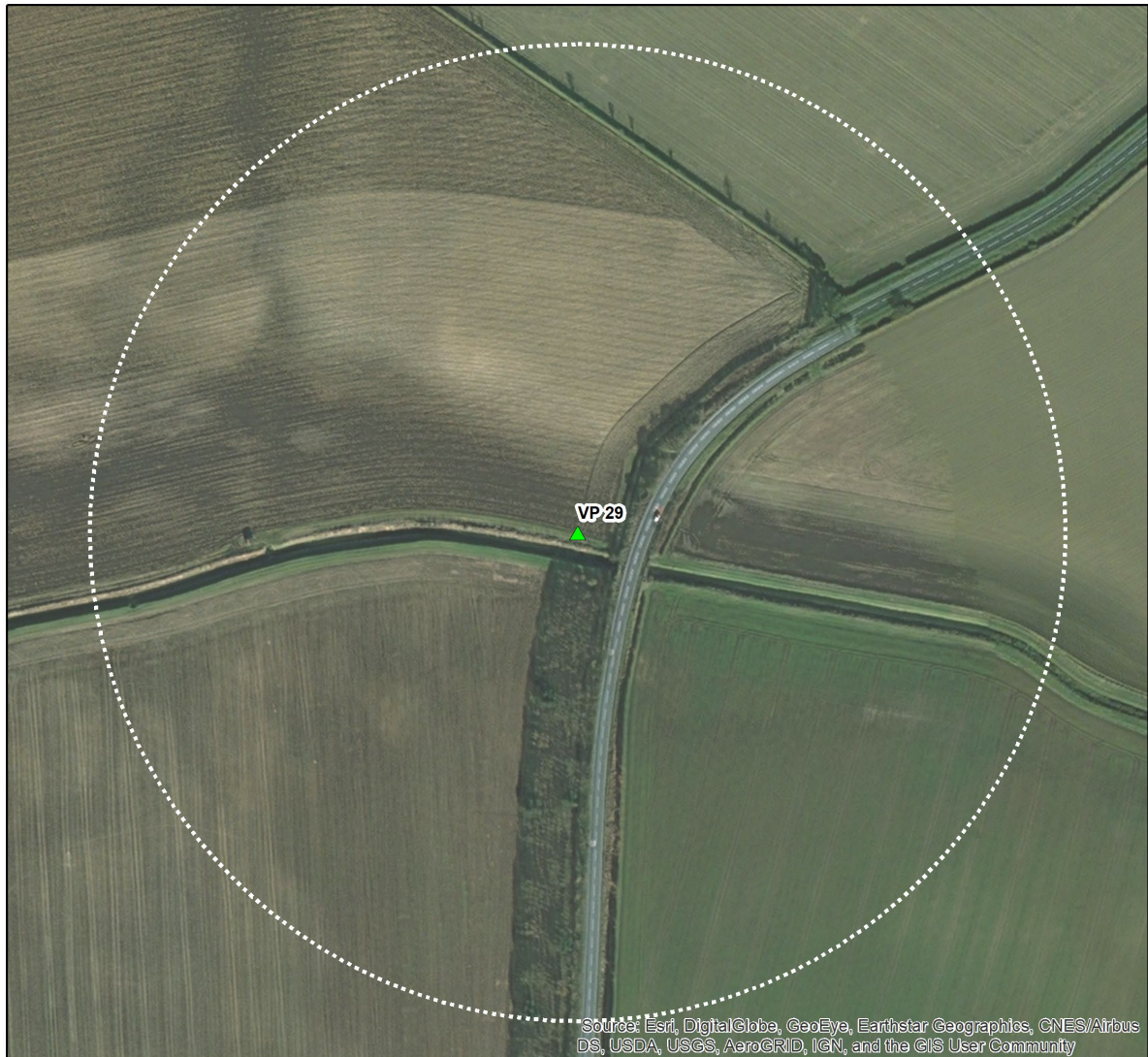


Figure 33: Vantage Point 29 (Google Earth 2019).

Grid reference: TA 13294 56822

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	23/04/2019	01/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A24: Vantage Point 29 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Waterbody	Total No. Recorded	Single visit maxima
BoCC4 Red Status	11	3	3	37		54	9
Skylark				27		27	9
Linnet	6			6		12	3
Starling	4					4	4
Yellow wagtail				4		4	2
Song thrush			3			3	1
Yellowhammer		3				3	2
Grey wagtail	1					1	1
BoCC4 Amber Status	3	5		1	7	16	6
Mallard					7	7	6
Duncock		4				4	2
Greylag goose	2					2	2
Reed bunting		1				1	1
Snipe				1		1	1
Stock dove	1					1	1
BoCC4 Green Status	60	25	42		2	129	15
Rook	30					30	15
Goldfinch	18	7	2			27	7
Wren		5	8			13	3
Blackbird		1	10			11	3
Chaffinch		1	9			10	3
Blackcap		3	3			6	2
Blue tit		3	3			6	2
Wood pigeon	5		1			6	2
Whitethroat		5				5	2
Coal tit			2			2	1
Common buzzard	2					2	1
Pied wagtail	2					2	2
Carrion crow	1					1	1
Great tit			1			1	1
Jackdaw	1					1	1
Magpie			1			1	1
Pheasant			1			1	1
Reed warbler					1	1	1
Robin			1			1	1

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Waterbody	Total No. Recorded	Single visit maxima
Sedge warbler					1	1	1
Swallow	1					1	1
Grand Total	74	33	45	38	9	199	15

Vantage Point 30



Figure 34: Vantage Point 30 (Google Earth 2019).

Grid reference: TA 13828 57538

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	None	None	None	None	None	None

Vantage Point 31



Figure 35: Vantage Point 31 (Google Earth 2019).

Grid reference: TA 15214 59744

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	24/04/2019	01/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A25: Vantage Point 31 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	5	14		28	47	4
Skylark				16	16	3
Yellowhammer		11		1	12	4
Linnet	1	3		5	9	3
Yellow wagtail				6	6	2
Lapwing	2				2	2
Mistle thrush	2				2	2
BoCC4 Amber Status	6				6	2
Oystercatcher	3				3	2
Kestrel	1				1	1
Mallard	1				1	1
Marsh harrier	1				1	1
BoCC4 Green Status	97	18	49	1	165	29
Wood pigeon	39		10		49	29
Rook	22		20		42	20
Cormorant	14				14	10
Chaffinch			12		12	4
Goldfinch	1	5	2		8	3
Jackdaw	7				7	2
Carrion crow	5				5	5
Common buzzard	5				5	2
Great tit		5			5	5
Whitethroat		4			4	2
Blue tit		2			2	1
Magpie	2				2	1
Wren			2		2	1
Blackbird		1			1	1
Blackcap			1		1	1
Chiff chaff			1		1	1
Great-spotted woodpecker			1		1	1
Jay	1				1	1
Red-legged partridge				1	1	1
Sand martin	1				1	1
Sedge warbler		1			1	1
Grand Total	108	32	49	29	218	29

Vantage Point 32



Figure 36: Vantage Point 32 (Google Earth 2019).

Grid reference: TA 15512 60134

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	23/04/2019	01/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A26: Vantage Point 32 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status		8	1	53	62	10
Skylark				26	26	5
Linnet				19	19	10
Yellowhammer		7			7	2
Yellow wagtail				6	6	3
Lapwing				1	1	1
Mistle thrush				1	1	1
Song thrush			1		1	1
Tree sparrow		1			1	1
BoCC4 Amber Status	11	13		8	32	8
Duncock		8			8	2
Reed bunting		5		3	8	3
Swift	8				8	8
Mallard	2			5	7	5
Stock dove	1				1	1
BoCC4 Green Status	73	14	33	4	124	21
Rook	45				45	21
Wood pigeon	7		16		23	7
Chaffinch		2	6		8	3
Goldfinch	5		1	1	7	5
Sand martin	7				7	7
Carrion crow	5				5	3
Whitethroat		5			5	2
Blackbird		1	3		4	1
Blue tit		3			3	3
Pheasant			1	2	3	1
Swallow	3				3	3
Blackcap			2		2	1
Great tit		1	1		2	1
Great-spotted woodpecker			2		2	1
Jay			1		1	1
Long-tailed tit		1			1	1
Pied wagtail				1	1	1
Sparrowhawk	1				1	1
Wren		1			1	1

Grand Total	84	35	34	65	218	21
Vantage Point 33						



Figure 37: Vantage Point 33 (Google Earth 2019).

Grid reference: TA 16137 61149

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	23/04/2019	01/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A27: Vantage Point 33 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	1	9	30	40	6
Skylark			24	24	6
Linnet	1	4	3	8	3
Yellowhammer		3	2	5	3
Corn bunting		2		2	1
Yellow wagtail			1	1	1
BoCC4 Amber Status	15	4	1	20	6
Swift	6			6	6
Kestrel	4			4	1
Mallard	3			3	2
Reed bunting		3		3	1
Stock dove	2			2	2
Duncock		1		1	1
Meadow pipit			1	1	1
BoCC4 Green Status	33	15	2	50	6
Pheasant			1	1	1
Pied wagtail	2		1	3	1
Barn owl		1		1	1
Carrion crow	3	1		4	2
Chaffinch		6		6	3
Common buzzard	1			1	1
Goldfinch	2			2	2
Rook	2			2	2
Sand martin	13			13	6
Whitethroat		3		3	2
Wood pigeon	10	2		12	5
Wren		2		2	1
Grand Total	49	28	33	110	6

Vantage Point 34

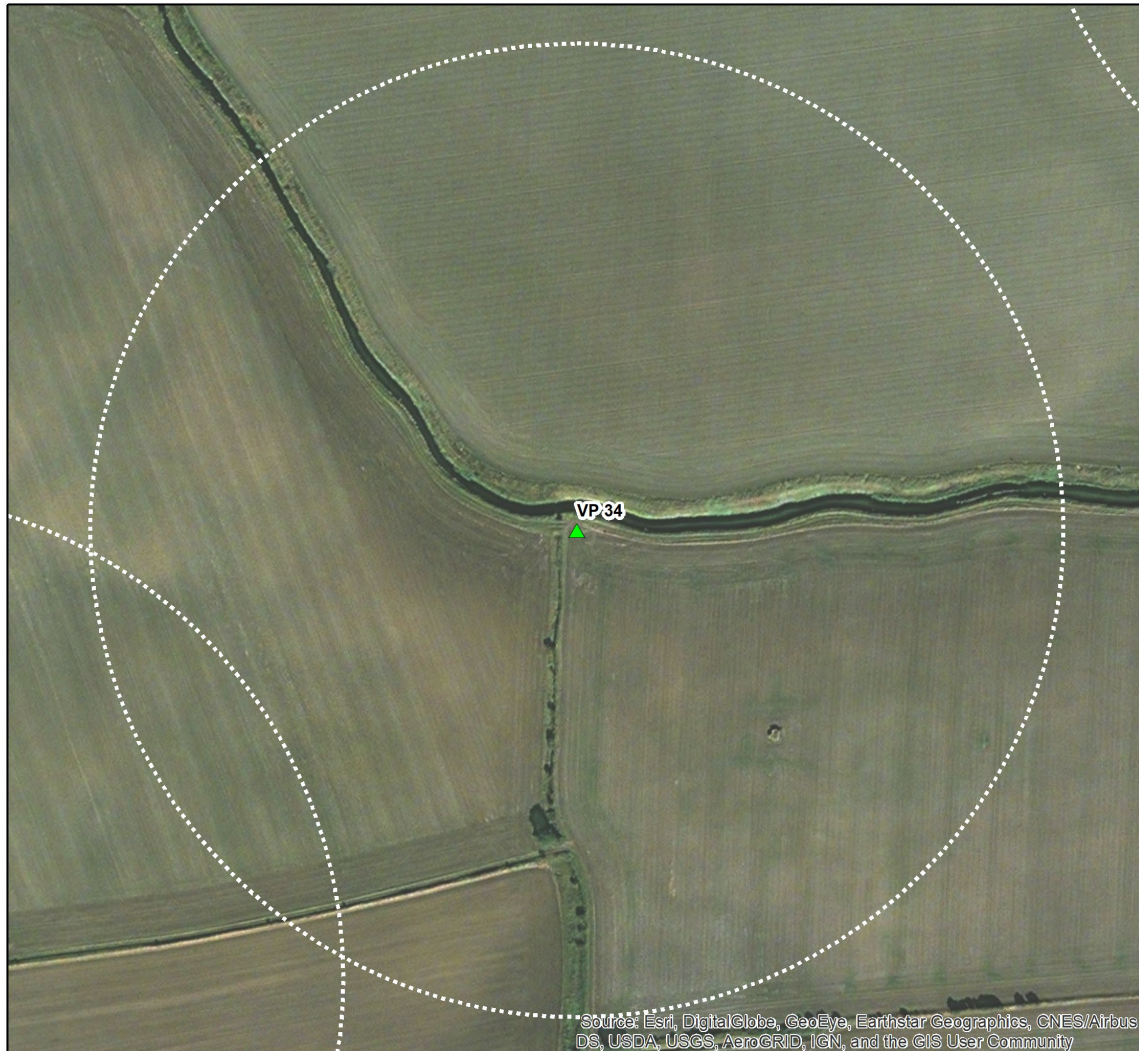


Figure 38: Vantage Point 34 (Google Earth 2019).

Grid reference: TA 16507 61379

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	23/04/2019	01/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A28: Vantage Point 34 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Field	Waterbody	Total No. Recorded	Single visit maxima
BoCC4 Red Status		27	63		90	11
Linnet		6	32		38	11
Skylark			26		26	7
Corn bunting		14			14	4
Yellowhammer		7			7	5
Yellow wagtail			4		4	2
Grey partridge			1		1	1
BoCC4 Amber Status	36	1	9	1	47	32
Swift	32				32	32
Meadow pipit	1		6		7	5
Reed bunting		1	3		4	2
Mallard	2				2	2
Greenshank				1	1	1
Kestrel	1				1	1
BoCC4 Green Status	105	11	4		120	41
Sand martin	73				73	41
Canada goose	18				18	18
Carrion crow	6				6	2
Whitethroat		5			5	3
Wood pigeon	5				5	2
Pheasant			3		3	3
Wren		3			3	1
Blackbird		2			2	2
Chaffinch		1	1		2	1
Goldfinch	1				1	1
Rook	1				1	1
Swallow	1				1	1
Grand Total	141	39	76	1	257	41

Vantage Point 35



Figure 39: Vantage Point 35 (Google Earth 2019).

Grid reference: TA 16985 61759

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	23/04/2019	01/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A29: Vantage Point 35 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Field	Beach	Total No. Recorded	Single visit maxima
BoCC4 Red Status	6	18		24	4
Skylark	1	10		11	4
Linnet	5	5		10	4
Corn bunting		2		2	1
Yellow wagtail		1		1	1
BoCC4 Amber Status	314	12	7	333	165
Swift	305			305	165
Reed bunting		7		7	2
Sanderling			7	7	7
Meadow pipit	1	5		6	3
Oystercatcher	4			4	4
House martin	3			3	3
Grey plover	1			1	1
BoCC4 Green Status	82	2		84	23
Sand martin	40			40	23
Canada goose	13			13	10
Swallow	10			10	8
Carrion crow	8			8	3
Pied wagtail	5			5	3
Wood pigeon	5			5	3
Cormorant	1			1	1
Goldfinch		1		1	1
Pheasant		1		1	1
Grand Total	402	32	7	441	165

Vantage Point 36

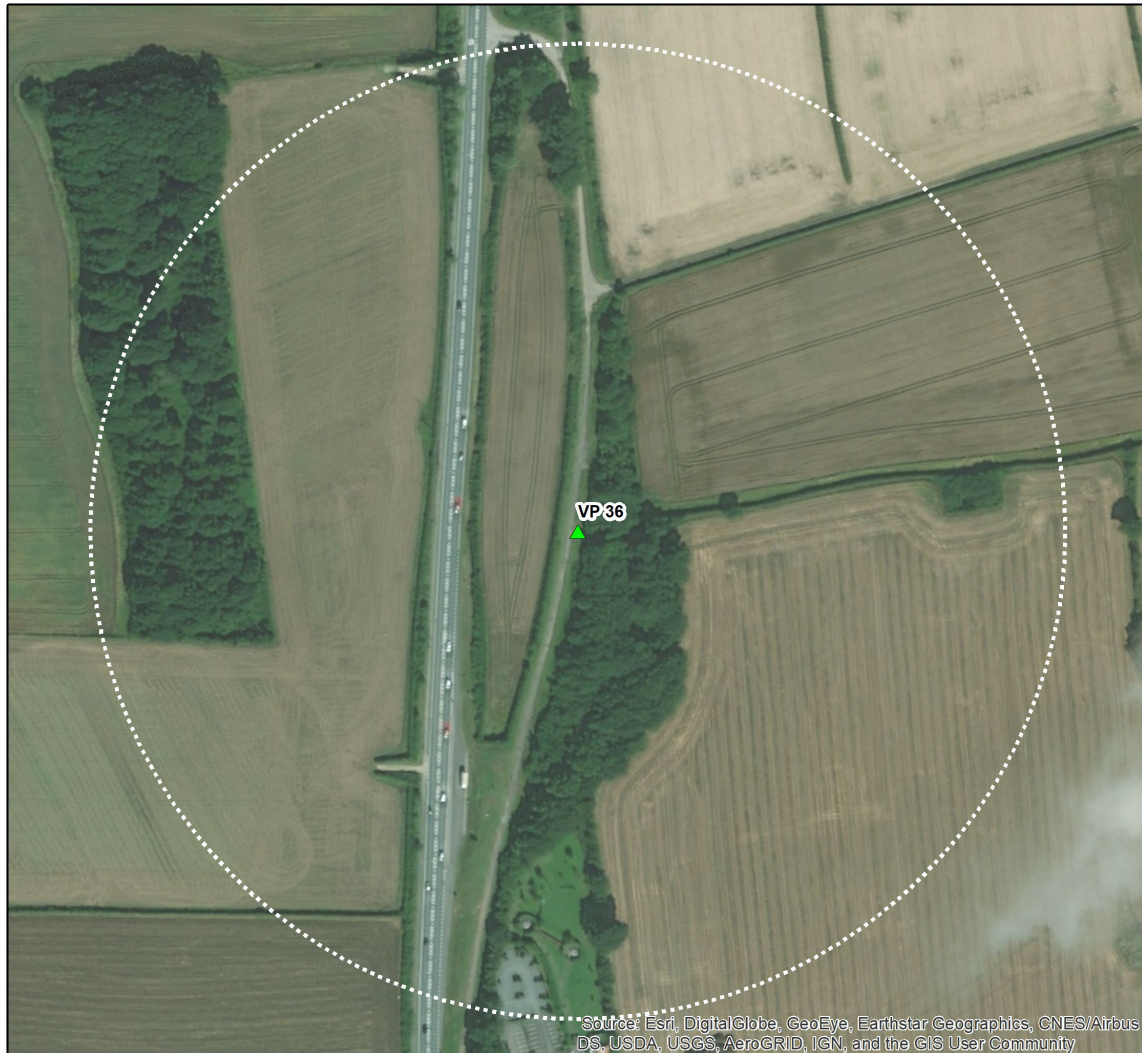


Figure 40: Vantage Point 36 (Google Earth 2019).

Grid reference: TA 02173 34858

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	23/04/2019	07/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A30: Vantage Point 36 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	2	5	7	8	22	5
Skylark				8	8	5
Song thrush			5		5	2
Yellowhammer		5			5	3
Herring gull	2				2	2
Marsh Tit			2		2	2
BoCC4 Amber Status	3		7		10	2
Bullfinch			6		6	2
Greylag goose	2				2	2
Duncock			1		1	1
Kestrel	1				1	1
BoCC4 Green Status	8	7	82	1	98	11
Wood pigeon	2	1	18		21	11
Goldfinch			14		14	5
Blackbird		3	10		13	3
Wren			11		11	4
Chaffinch			8		8	3
Chiff chaff			7		7	2
Blackcap			4		4	1
Blue tit			3		3	1
Robin			3		3	1
Whitethroat		3			3	1
Carrion crow	2				2	1
Great tit			2		2	1
Pheasant			1	1	2	1
Rook	2				2	2
Common buzzard	1				1	1
Sparrowhawk			1		1	1
Swallow	1				1	1
Grand Total	13	12	96	9	130	11

Vantage Point 37



Figure 41: Vantage Point 37 (Google Earth 2019).

Grid reference: TA 04265 35016

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	23/04/2019	07/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A31: Vantage Point 37 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	4	3	1	12	20	5
Linnet	2			8	10	5
Skylark				4	4	2
Yellowhammer		3			3	1
Herring gull	1				1	1
Song thrush			1		1	1
Starling	1				1	1
BoCC4 Amber Status	30	2	6		38	17
Swift	17				17	17
Lesser black-backed gull	6				6	3
Black-headed gull	4				4	4
Common gull	1		3		4	3
Bullfinch			3		3	2
Duncock		2			2	1
Kestrel	2				2	2
BoCC4 Green Status	22	27	60	5	114	5
Blackbird			15		15	5
Chaffinch		4	11		15	4
Wood pigeon	5		6		11	4
Goldfinch	1	2	7		10	4
Robin		5	4		9	2
Magpie	1	3	4		8	4
Wren		5	3		8	2
Blue tit		3	4		7	2
Carrion crow	5				5	3
Pheasant				5	5	2
Great tit			4		4	3
Rook	4				4	3
Whitethroat		4			4	1
Blackcap		1	2		3	2
Common buzzard	2				2	1
Pied wagtail	2				2	2
Peregrine	1				1	1
Swallow	1				1	1

Grand Total	56	32	67	17	172	17
Vantage Point 38						



Figure 42: Vantage Point 38 (Google Earth 2019).

Grid reference: TA 04707 35073

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	23/04/2019	07/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A32: Vantage Point 38 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	4	5	4	6	19	5
Linnet	4			2	6	3
House sparrow		5			5	5
Skylark				4	4	1
Song thrush			4		4	2
BoCC4 Amber Status	17		5		22	12
Greylag goose	12				12	12
Bullfinch			3		3	1
Common gull	2				2	2
Dunnock			2		2	1
Oystercatcher	2				2	2
Black-headed gull	1				1	1
BoCC4 Green Status	25	14	78	9	126	8
Wood pigeon	7		13		20	5
Goldfinch	2		13		15	5
Carrion crow	11				11	5
Magpie			10		10	3
Rook	2			8	10	8
Blackbird		2	7		9	3
Chaffinch			8		8	4
Blue tit		2	5		7	2
Robin		3	3		6	2
Long-tailed tit			5		5	4
Whitethroat		5			5	2
Wren			5		5	1
Blackcap		2	2		4	1
Chiff chaff			4		4	2
Swallow	3				3	2
Great tit			2		2	1
Greenfinch			1		1	1
Sedge warbler				1	1	1
Grand Total	46	19	87	15	167	12

Vantage Point 39



Figure 43: Vantage Point 39 (Google Earth 2019).

Grid reference: TA 03114 35297

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	23/04/2019	07/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A33: Vantage Point 39 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status		2	7	5	14	2
Skylark				5	5	1
Song thrush			5		5	2
Marsh Tit			2		2	2
Yellowhammer		2			2	1
BoCC4 Amber Status	7		2		9	2
Stock dove	5				5	2
Bullfinch			2		2	2
Lesser black-backed gull	2				2	2
BoCC4 Green Status	12		91	1	104	8
Goldfinch			18		18	8
Chaffinch			16		16	5
Wood pigeon	2		13		15	4
Blackbird			9		9	3
Wren			8		8	2
Blackcap			6		6	2
Blue tit			6		6	2
Magpie	2		2		4	2
Pheasant			3	1	4	3
Carrion crow	3				3	2
Swallow	3				3	2
Chiff chaff			2		2	1
Common buzzard	2				2	1
Great tit			2		2	1
Long-tailed tit			2		2	2
Robin			2		2	1
Great-spotted woodpecker			1		1	1
Green woodpecker			1		1	1
Grand Total	19	2	100	6	127	8

Vantage Point 40



Figure 44: Vantage Point 40 (Google Earth 2019).

Grid reference: TA 02752 36282

Visit:	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Date:	03/04/2019	23/04/2019	07/05/2019	20/05/2019	03/06/2019	17/06/2019

Table A34: Vantage Point 40 species observations (grouped and illustrated in order by BoCC4 Red, Amber and Green status).

Species and BoCC4 status	In flight	Hedgerow	Woodland	Field	Total No. Recorded	Single visit maxima
BoCC4 Red Status	1		5	1	7	2
Song thrush			5		5	2
Marsh Tit	1				1	1
Yellow wagtail				1	1	1
BoCC4 Amber Status	26	1	3		30	10
Swift	11				11	10
House martin	8				8	4
Stock dove	4				4	2
Duncock		1	2		3	1
Greylag goose	2				2	2
Bullfinch			1		1	1
Mallard	1				1	1
BoCC4 Green Status	37	7	348	17	409	90
Wood pigeon	6		250		256	90
Chaffinch			28		28	6
Blackbird			13	3	16	3
Carrion crow	14				14	10
Goldfinch	3		11		14	5
Pheasant			4	8	12	8
Magpie			11		11	4
Swallow	10				10	3
Wren		2	6		8	2
Blue tit			7		7	3
Common buzzard	1			6	7	2
Blackcap		2	3		5	2
Chiff chaff			4		4	2
Great tit			4		4	2
Robin		1	3		4	1
Rook	3				3	2
Goldcrest			2		2	1
Great-spotted woodpecker			2		2	1
Whitethroat		2			2	1
Grand Total	64	8	356	18	446	90