

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

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

Dogger Bank South Offshore Wind Farms

Environmental Statement

Volume 7

Appendix 18-8 Ornithology Breeding Bird Report

Part 1 of 4

June 2024

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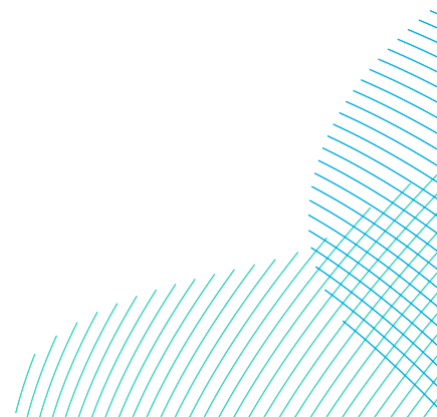
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Breeding Bird Survey 2023
Dogger Bank South (DBS) Offshore Wind
Farms

ISSUE RECORD

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The information and advice contained in this report has been prepared and provided in accordance with the Chartered Institute of Ecology and Environmental Management's Code of Professional Conduct. We confirm that the opinions expressed are our true and professional bona fide opinions.

Peak Ecology is accredited under ISO9001 and as such this report follows the styles and formatting template set out within our Quality Management Form.

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EXECUTIVE SUMMARY

Background

Eight breeding bird survey (BBS) transects were devised in early 2023 to gather information on the value of the habitats within the Dogger Bank South (DBS) Offshore Wind Farm Onshore Study Area for breeding bird assemblages. Transect routes were selected by Peak Ecology Ltd, on behalf of Royal HaskoningDHV via a desk-based exercise using aerial imagery.

Methods

Five survey visits were undertaken between March 2023 and July 2023, following the standard methodology.

Much of the surveyed area was through arable farmland habitats, transects were designed to ensure that a diversity of habitats was surveyed and any key habitats, such as the River Hull were included along the routes.

Results

Higher species diversities were associated with the areas with a greater diversity of habitats, in particular wetland habitats such as the River Hull supporting the most significant assemblages.

The surveys recorded a total of 116 species, including 21 red listed species of conservation concern, 48 amber listed species of conservation concern, and 11 Schedule 1 species. The average number of species included in the breeding assemblage for a transect was 48, which is representative of an assemblage of District importance (Fuller, 1980). An average of 52% of the breeding assemblages were represented by Birds of Conservation Concern.

In the local context, the vast majority of species recorded across the surveyed transects consisted of those categorised as “abundant”, “common” or “fairly common” in East Yorkshire (Dobbs, 2022), with seven “uncommon” species recorded within the breeding assemblage; barn owl, bullfinch, gadwall, lapwing, marsh tit, tree sparrow and yellow wagtail. “Scarce” breeders were marsh harrier and Cetti’s warbler, both Schedule 1.

Implications and Recommendations

Breeding bird habitat is present across the surveyed transect areas. The highest risk areas are the hedgerows, scrub and woodland areas as these habitats support the highest concentration of birds. It is recommended that clearance and/or disturbance of any high-risk habitat is undertaken outside the main bird nesting season from September to the end February. If this is not possible, a suitably experienced ecologist must inspect any suitable habitat to ensure no breeding birds are present no more than 48 hours prior to clearance.

All felled sections of hedgerows, scrub or woodland along the cable corridor should be replanted, where these habitats are felled and not able to be replanted due to substation structures, these should be replanted elsewhere on site.

A small number of ground nesting species were recorded, this included lapwing in discrete locations. Measures should be put in place to ensure nests are not impacted upon, such as avoiding works in the area during the breeding season, this species is likely to re-use the same locations in successive years, therefore a check of known areas in February/March is prudent.

CONTENTS

1	INTRODUCTION	4
1.1	Scope of Report	4
1.2	Site Description	4
2	METHODOLOGY	6
2.1	Desk Study	6
2.2	Breeding Bird Survey	6
2.3	Determination of Breeding Status	8
2.4	Evaluation of Assemblage	8
2.5	Survey Constraints	11
3	RESULTS	12
3.1	Desk Study	12
3.2	Breeding Bird Survey	17
4	EVALUATION	42
4.1	Transect 1	42
4.2	Transect 2	43
4.3	Transect 3	43
4.4	Transect 4	44
4.5	Transect 5	45
4.6	Transect 6	45
4.7	Transect 7	46
4.8	Transect 8	46
5	CONCLUSIONS AND RECOMMENDATIONS	48
5.1	Conclusions	48
5.2	Recommendations	49
6	REFERENCES	52
APPENDICES		
APPENDIX A: Protected and Priority Species		
APPENDIX B: Relevant Legislation		
APPENDIX C: Categories of Breeding Bird Evidence		
APPENDIX D: Full species list		
APPENDIX E: Survey details and weather conditions		
APPENDIX F: Transect locations		
APPENDIX G: Survey Maps		

1 INTRODUCTION

1.1 Scope of Report

This report has been prepared by Peak Ecology Ltd on behalf of Royal HaskoningDHV. This document presents the results of the Breeding Bird Survey (BBS) transect surveys within the Onshore Development Area (**Figure 1**) associated with the Dogger Bank South (DBS) Offshore Wind Farms (herein referred to as the Projects). As landowner access permission had not been granted for the entire Onshore Study Area, transect routes followed Public Rights of Way (PRoW) and were designed to be representative of the Onshore Development Area.

The purpose of this report is to:

- Provide the results of the 2023 BBS;
- Identify key areas of bird activity in the vicinity of Onshore Study Area;
- Identify any Functionally Linked Land to nearby SPAs; and
- Provide outline mitigation recommendations where necessary.

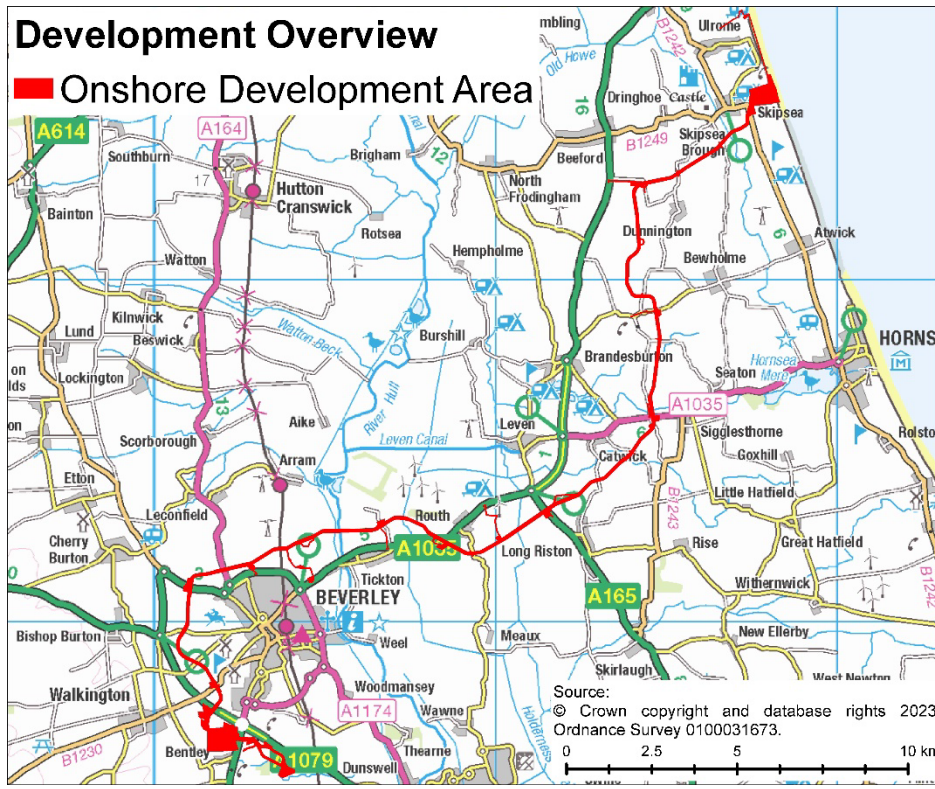
The approach to this assessment follows best practice published by the Chartered Institute of Ecology and Environmental Management (CIEEM, 2018) and the British Standards Institution (BSI, 2013). Details of individual survey methods and associated supporting information are provided in Section 2.

1.2 Site Description

Eight transect routes were selected to cover the majority of the Onshore Development Area (**Appendix F**), located between Skipsea and the south of Beverley, in East Yorkshire. Further details of each individual transect are given in the results section.

The survey has also identified areas of Functionally Linked Land (FLL). This would be an area of land which could be impacted by the proposed works and which is considered to be critical to, or necessary for, the ecological or behavioural functions in a relevant season of a qualifying feature for which a Special Protection Area (SPA)/Ramsar site has been designated. FLL would need to be frequently used by SPA species and supports the functionality and integrity of the designated sites for these features. Two SPA's are located within a 15km radius of the onshore study area; Humber Estuary SPA and Hornsea Mere SPA.

Figure 1: Onshore Study Area



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2 METHODOLOGY

2.1 Desk Study

The desk study comprised a review of the online websites of the Royal Society for Protection of Birds (RSPB), National Biodiversity Network, MAGIC and British Trust for Ornithology (BTO). This was undertaken to gather exiting background information based on species records and existing habitats to identify potential important areas for birds within the Onshore Study Area and surroundings.

Relevant species and protected sites data for the study area and a 2km buffer, from the past 15 years were purchased from the North and East Yorkshire Ecological Data Centre in April 2022.

2.2 Breeding Bird Survey

The surveys were undertaken between the months of March and August 2023 (inclusive), primarily by Chris Bradshaw. Chris has extensive experience of bird surveys and is highly competent in this field. He has undertaken surveys over many years in a variety of habitat types, both in the UK and abroad and is authoritative in this field under the CIEEM competency framework. Chris was accompanied by Peak Ecology staff for health and safety purposes whilst undertaking the surveys. Two transects were surveyed by Chloe Pritchard, who has undertaken bird surveys over many years in the UK and is experienced in the breeding bird survey methodology.

2.2.1 Survey Methods

Survey methods followed industry standards, outlined by BTO, RSPB and Joint Nature Conservation Committee (JNCC). Surveyors aimed to arrive on site within one hour of sunrise and completed the survey prior to midday. Times on site were noted on every survey visit, in addition to weather conditions and observations of disturbance which may have influenced the number of birds present on site.

All bird species were recorded, with particular notes on behaviour, location and number of individuals. Suitable binoculars (x8 magnification) were used on all surveys, and telescopes carried with surveyors and used where necessary.

Surveys were planned to avoid unsuitable weather conditions, such as strong wind or rain, and poor visibility. Where sub-optimal conditions were experienced, this was noted.

Transects

Transect surveys were conducted following set transect routes and recorded all birds observed from the transect route. The transects followed the survey corridor as best as possible, however, due to the size of some fields, and the requirement to follow field boundaries, the transect route deviated from the corridor where necessary. Transect routes were adapted to ensure an accessible route avoiding barriers such as wide ditches and railways lines, however this did result in the route deviating from the survey corridor in some locations. It is considered that the surveys sufficiently provided an indication of the importance of habitats within the Onshore Development Area, in particular, as the habitats were relatively homogenous at a landscape scale.

Marsh Harrier Survey

An incidental sighting of a marsh harrier pair was recorded within suitable breeding habitat within the survey boundary during other ecological surveys conducted by Peak Ecology in March 2023. The presence of a pair of birds within suitable habitat can indicate probable breeding. Marsh harrier is an amber listed bird of conservation concern and listed on Schedule 1 of the WCA as well as a rare breeding bird on the Yorkshire bird report (Dobbs 2022).

Following the identification of this species within the survey boundary a 250m buffer was implemented to minimise disturbance from surveyors to this sensitive species.

Due to the significance of this species being present within the corridor, additional surveys were considered necessary to confirm the presence of a nest at this location and establish the progress of the any nests present according to methodology described by Hardey *et al.* (2013).

Two vantage point surveys were conducted as per the guidance within Hardey *et al.* (2013). The aim of the first visit was to establish the location(s) of nests and confirm number of possible females. The aim of the second visit was to check on the progress of the nests and estimate fledging times. Surveyors watched the estimated nest site from a distance of approximately 400m using binoculars and a telescope.

2.2.2 Access

Full access was available for all of the transects.

2.2.3 Survey dates and conditions

The surveys were undertaken between March 2023 and August 2023 (inclusive). This survey leads on from a wintering bird survey carried out between October 2022 and March 2023, with the March visit coinciding at the final wintering bird visit and the first breeding bird visit, to adhere to the latest BBS guidelines. **Table 1** below provides the dates of each of the transect survey visits and marsh harrier vantage point surveys (VPs), individual survey visit details are provided in Appendix E.

Table 1: DBS onshore study area breeding birds survey dates

Visit No.	Visit Date Range
1	7 - 30 March 2023
2	17 - 27 April 2023
3	10 - 18 May 2023
4	7 - 15 June 2023
5	12 - 20 July 2023
6	8 - 17 August 2023
Marsh Harrier VP1	11 th May 2023
Marsh Harrier VP2	21 st June 2023

2.3 Determination of Breeding Status

The breeding status of each species can be classified into four categories: confirmed breeder, probable breeder, possible breeder and non-breeder. The behaviour, sex, age and location of individual birds allow conclusions to be drawn about breeding status, based on categories devised by the European Ornithology Atlas Committee (EOAC, 1979) and the BTO. Breeding evidence used in this report follows EOAC guidelines 1997 and BTO guidelines (see Appendix C).

The four categories: confirmed, probable, possible and non-breeders are used to indicate the likely breeding status within the survey area.

2.4 Evaluation of Assemblage

The bird assemblages were evaluated using a range of criteria to establish the importance of the assemblage at varying geographical scales. Consulted criteria included:

- Birds of Conservation Concern 5 (BoCC5) (Stanbury *et al*, 2021) (see 2.4.1);
- Local and National Species of Principle Importance (see 2.3.2);
- Status in Yorkshire (Dobbs, 2022);
- Species Richness (Fuller, 1980); and
- Protected Site selection criteria:
 - Special Protection Area (SPA)
 - Site of Special Scientific Interest (SSSI)
 - Local Wildlife Site (LWS)

The nomenclature for common names given in this report follows that contained in The British List (BOU, 2017).

2.4.1 Birds of Conservation Concern 5 (BoCC5)

Under this approach, bird populations are assessed using quantitative criteria to determine the population status of each species, and then placed on one of three lists: red, amber or green.

- Red list species are of high conservation concern, having declined by 50% or more in population or breeding range in the last 25 years.
- Amber listed species are of medium conservation concern, having suffered between 25% and 49% reduction in breeding or non-breeding populations, breeding or wintering ranges.
- Green list species have a favourable conservation status.

A total of 247 species were considered, of these there are 67 species on the red list, 96 on the Amber list, 81 on the Green list and three removed from the list as they no longer breed in the UK. Fifteen additional species were added to the red list and 20 species added since the previous review in 2009.

2.4.2 Local and National Species of Principal Importance

Forty-nine species of birds have been listed as Species of Principal Importance for nature conservation in England under Section 41 of the Natural Environment and Rural Communities (NERC Section 41) Act (2006). These lists are based upon the local and National conservation status of species, with those listed as amber or red listed BoCC likely to be included.

The local Biodiversity Action Plan (BAP) priority species reflects the national list.

2.4.3 Species Richness

The methodology for assessing the geographical importance of a bird assemblage has been categorised by Fuller (1980). This approach provides uses the combined number of confirmed, probable and possible breeders as thresholds for Local, County, Regional and National importance. An addition District level has been added in line with CIEEM guidelines (CIEEM, 2018) (**Table 2**).

Table 2: Regional importance of bird assemblages based on number of species

Geographical Importance	Number of Species (taken and adapted from Fuller, 1980)
Local	<25
District	25-49
County	50-69
Regional	70-84
National	>85

2.4.4 **Protected Site Selection Criteria**

Whilst the objective of this report is not to identify sites for legal protection, comparing a site's assemblage to the site selection criteria for designated sites can provide an indication of the significance of the assemblage at a geographical scale.

European/International Importance

SPAs are designated for their importance for birds on a European scale, these are strictly protected sites classified for their role in supporting rare and vulnerable birds (as listed in the Annex I of the Directive 2009/147/EC on the Conservation of Wild Birds), which, in many cases in the UK/Britain/England (delete as appropriate), is related to overwintering species.

National Importance

The Guidelines for the Selection of Biological SSSIs for birds (Henderson and Fuller, 2023), provides thresholds for determining if assemblages for different habitats may have a National Importance.

Regional Importance

The East Riding of Yorkshire Local Wildlife Site Selection Criteria (Fraser *et al.*, 2003) stipulates four categories related to breeding bird assemblages.

- B1: Any site that supports 0.5% of the UK breeding population of a bird.
- B3: Any site that supports a population of a rare breeding bird species in the East Riding.
- B4: Any site that supports a nesting colony of the following species which reaches the population threshold (number of pairs) listed:
 - Grey heron (15), cormorant (5), common tern (5)
- B5: Any site that supports a significant assemblage of breeding birds in the following habitats:
 - Wet grassland, Open water and margins, Woodland.

Species Abundance in Yorkshire

The following table provides the abundance codes for birds in Yorkshire, taken from the Yorkshire Bird Report 2018/19 (Dobbs, 2022). This list is referenced within the results tables in the Results section of this report.

Table 3: Abundance codes for Yorkshire (Dobbs, 2022)

Code	Abundance status	Criteria
A	Abundant	More than 50,000 records a year
C	Common	More than 10,000 records a year
FC	Fairly common	More than 1,000 records a year
U	Uncommon	101-1,000 individuals each year in past 10 years
S	Scarce	11-100 individuals each year in past 10 years
R	Rare	0-10 individuals each year in the past 10 years
V	Vagrant	Up to 10 records in total since records began

The Yorkshire Bird report also provides a list of 45 Rare Breeding Birds in Yorkshire which includes species such as garganey, marsh harrier, hobby, quail and little egret.

2.5 Survey Constraints

The surveys were undertaken by a linear transect route which followed the Onshore Development Area, rather than a more detailed transect route which would reflect current guidelines, because of the relatively large area of the study area. Whilst it is possible that the survey methodology has resulted in an underestimate of the bird assemblage present, it still allows for an indication of the importance of the bird assemblages to be estimated based on total number of species and the number/proportion of birds with conservation status present.

Similarly, standard methods for evaluating the importance of bird assemblages relate to a specific site, therefore they are not as useful for a linear transect where no specific site boundary has been applied, which in turn, may lead to a misrepresentation of the area's bird assemblage's diversity. Nonetheless, the Fuller (1980) assessment method provides an indication of the value of an assemblage. In some cases, comparisons to designated site selection criteria provide useful assessment tools.

In addition, breeding categories would usually be assigned to a specific site boundary, not a linear route; as a survey boundary was not implemented for these surveys, this makes assigning breeding categories problematic, the categories should be taken to relate to the nearby general transect area.

2.5.1 Lifespan of Data

The results and recommendations contained within this report are considered to be valid for up to two years from the date of survey, assuming that there are no significant changes to site conditions or habitat management within this period. After this period, or should the site conditions change, an update may be required in order to inform ecological constraints to development proposals and/or accompany a planning submission.

3 **RESULTS**

3.1 **Desk Study**

3.1.1 **Designated Sites**

The following information outlines the statutory designated wildlife sites within 2km of the Onshore Survey Area, and the non-statutory designated sites which lie within, or directly adjacent to, the Onshore Survey Area.

The full results detailing all designated sites within 2km of the Onshore Survey Area is presented in **Table 4**.

Table 4: Statutory and non statutory designated sites identified during the desk study

Designated Site	Designation	Within Onshore Survey Area?	Reason for designation
Statutory			
Greater Wash	SPA	Y	Wetland birds
Humber Estuary	SPA	N (within 10km)	Wetland birds
Hornsea Mere	SPA	N (within 10km)	Wetland birds
Burton Bushes	SSSI	N	Woodland flora
Leven Canal	SSSI	N	Aquatic plant diversity
Pulfin Bog	SSSI	N	Bird interest
Skipsea Bail Mere	SSSI	N	Geological conservation
Withow Gap, Skipsea	SSSI	N	Geological conservation
Beverley Parks	LNR	N	Traditional parkland
Non-statutory			
Beeford – Dunnington Road Verge	LWS	Y	No information
Bentley Moor Wood	LWS	Y	No information
Nunkeeling Lane	LWS	Y	No information
Raventhorpe Embankment	LWS	Y	No information

The below sites are designated for their bird interest, and therefore described in more detail. All other sites mentioned within **Table 4** are not designated for bird interest and therefore not directly relevant to the bird populations recorded at the Onshore Survey Area.

Greater Wash SPA

The Greater Wash SPA lies along the east coast of England between Yorkshire and Suffolk and is classified for the protection of red-throated diver, common scoter, and little gull during the non-breeding season, and for breeding sandwich tern, common tern and little tern. This area supports the largest breeding populations of little terns within the UK SPA network by protecting important foraging areas and supports the second largest aggregations of non-breeding red-throated diver and little gull.

Humber Estuary SPA

The Humber Estuary is located on the east coast of England and comprises extensive wetland and coastal habitats. The inner estuary supports extensive areas of reedbed, with areas of mature and developing saltmarsh backed by grazing marsh in the middle and outer estuary. On the north Lincolnshire coast, the saltmarsh is backed by low sand dunes with marshy slacks and brackish pools. Parts of the estuary are owned and managed by conservation organisations. The estuary supports important numbers of waterbirds (especially geese, ducks and waders) during the migration periods and in winter. In summer, it supports important breeding populations of bittern *Botaurus stellaris*, marsh harrier *Circus aeruginosus*, avocet *Recurvirostra avosetta* and little tern *Sterna albifrons*, all of which are Qualifying Features of the SPA.

Non-breeding Qualifying Features are great bittern, common shelduck *Tadorna tadorna*, hen harrier *Circus cyaneus*, pied avocet, golden plover *Pluvialis apricaria*, red knot *Calidris canutus*, dunlin *Calidris alpina*, ruff *Philomachus pugnax*, black-tailed godwit *Limosa limosa islandica*, bar-tailed godwit *Limosa lapponica* and common redshank *Tringa totanus*.

Waterbird assemblage- Regarding the assemblage qualification, the SPA citation states: 'The Site qualifies under article 4.2 of the Directive (79/409/EEC) as it is used regularly by over 20,000 waterbirds (waterbirds as defined by the Ramsar Convention) in any season: In the non-breeding season, the area regularly supports 153,934 individual waterbirds (five year peak mean 1996/97 – 2000/01).

As a result of the site selection process, the boundaries of the Onshore Development Area were revised, amended and finalised in October 2023. Based on this information, it can be established that a relatively small area at the southern part of the onshore development area bisected by Transect 8, can be considered as potential FLL, i.e., the part of the Projects that falls within the 10 km of the Humber Estuary SPA/RAMSAR (**Figure 2**).

Figure 2: Humber Estuary 10km buffer intersect with Onshore Survey Area



Hornsea Mere SSSI/SPA

Hornsea Mere holds importance for birds, providing a refuge and feeding area for many species of duck, the Qualifying Features of the site are non-breeding gadwall and mute swan. It's site also supports breeding species such as gadwall, and shoveler. Other bird species that use the habitat include breeding reed warbler and roosts of starling.

Pulfin Bog SSSI

The reed bed on this site provides good habitat for breeding birds. Birds that are characteristic of this type of habitat and that are found at this SSSI site include reed bunting *Emberiza schoeniclus* and sedge warbler *Acrocephalus schoenobaenus*.

3.1.2 Bird Species

Table 5 below provides a summary of the bird species records received from the biological record centre. The list focuses on Birds of Conservation Concern, Schedule 1 and rare breeders in Yorkshire. It includes a total of 220 records of one or more individuals of 43 species, including five Schedule 1 species and five rare breeders in Yorkshire.

Due to the large number of records provided, the full dataset is not included here but is available on request.

Colour coding denotes the status of species as follows:

- **Red text** = Red Listed Bird of Conservation Concern
- **Orange text** = Amber Listed Bird of Conservation Concern
- **Bold text** = Schedule 1 species (which may or may not be red or amber listed)
- Underlined text = Rare Breeding Birds in Yorkshire (Dobbs, 2022)

Table 5: Summary of bird species records within 2km of surveyed transects in the DBS Onshore Survey Area

Common Name	Scientific name	No. records	Most recent record
Barn Owl	<i>Tyto alba</i>	7	2017
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	1	2017
Bullfinch	<i>Pyrrhula pyrrhula</i>	4	2018
Common Gull	<i>Larus canus</i>	4	2017
Curlew	<i>Numenius arquata</i>	1	2011
Dunnock	<i>Prunella modularis</i>	7	2019
Greenfinch	<i>Chloris chloris</i>	4	2015
Grey Partridge	<i>Perdix perdix</i>	3	2012
Greylag Goose	<i>Anser anser</i>	2	2009
Hoopoe	<i>Upupa Epops</i>	1	2014
House Martin	<i>Delichon urbicum</i>	1	2009
House Sparrow	<i>Passer domesticus</i>	3	2016
Kestrel	<i>Falco tinnunculus</i>	24	2019
Lapwing	<i>Vanellus vanellus</i>	6	2018

Common Name	Scientific name	No. records	Most recent record
<u>Little Egret</u>	<u><i>Egretta garzetta</i></u>	3	2017
<u>Little Ringed Plover</u>	<u><i>Charadrius dubius</i></u>	3	2018
Mallard	<i>Anas platyrhynchos</i>	6	2011
Marsh Tit	<i>Poecile palustris</i>	1	2018
Moorhen	<i>Gallinula chloropus</i>	10	2011
Oystercatcher	<i>Haematopus ostralegus</i>	4	2012
<u>Peregrine</u>	<u><i>Falco peregrinus</i></u>	2	2015
Pink-footed Goose	<i>Anser brachyrhynchus</i>	1	2017
<u>Red Kite</u>	<u><i>Milvus milvus</i></u>	1	2016
Redshank	<i>Tringa totanus</i>	4	2018
Reed Bunting	<i>Emberiza schoeniclus</i>	2	2011
Rook	<i>Corvus frugilegus</i>	2	2016
<u>Ruff</u>	<u><i>Calidris pugnax</i></u>	1	<u>2015</u>
Skylark	<i>Alauda arvensis</i>	7	2020
Song Thrush	<i>Turdus philomelos</i>	5	2016
Sparrowhawk	<i>Accipiter nisus</i>	5	2016
Starling	<i>Sturnus vulgaris</i>	58	2016
Tawny Owl	<i>Strix aluco</i>	4	2019
Teal	<i>Anas crecca</i>	2	2017
Tree Sparrow	<i>Passer montanus</i>	3	2016
Wheatear	<i>Oenanthe oenanthe</i>	1	2016
Whimbrel	<i>Numenius phaeopus</i>	2	2018
Whooper Swan	<i>Cygnus cygnus</i>	1	2017
Willow Warbler	<i>Phylloscopus trochilus</i>	2	2019

Common Name	Scientific name	No. records	Most recent record
Wood sandpiper	<i>Tringa glareola</i>	2	2012
Woodcock	<i>Scolopax rusticola</i>	2	12018
Wren	<i>Troglodytes troglodytes</i>	15	2019
Yellow Wagtail	<i>Motacilla flava</i>	1	2015
Yellowhammer	<i>Emberiza citrinella</i>	2	2009

3.2 Breeding Bird Survey

Results from the transect and vantage points surveys recorded a total of 116 species, including 21 red listed, 48 amber listed species and 11 Schedule 1 species.

A summary of the Birds of Conservation Concern, and Schedule 1 species are provided in the below paragraphs, full species lists can be found in Appendix D, and results provided in figures are presented in Appendix F. Scientific names of all species mentioned in the text are provided in the Appendices D and F.

The marsh harrier survey results are presented under the Transect 5 results due to their location close to this transect.

Table 6 provides an overview of the diversity of assemblages, numbers of Birds of Conservation Concern and Schedule 1 species, and breeding categories, for each Transect.

Table 6: Summary of results for transects

Transect	Total Species	Confirmed breeders	Probable breeders	Possible breeders	No. Red Listed	No. Amber Listed	No. Sch 1
1	78	15	9	21	14	35	5
2	58	13	15	14	12	21	3
3	67	10	19	16	12	26	3
4	75	13	16	24	13	26	8
5	65	15	22	13	11	27	3
6	64	15	19	19	12	25	4
7	66	17	16	19	16	21	4
8	59	20	15	15	13	20	3

The below paragraphs provide a summary of the habitats found adjacent to the transects in order to provide a context for the results. A summary of the results is provided below and discussed in more detail in Section 4.

The tables (**Table 7 – Table 14**) below provide details of the Birds of Conservation Concern (red and amber text respectively), Schedule 1 species (bold text) and Rare Breeders in Yorkshire (underlined text) recorded during each transect survey. See **Table 3** for species abundance codes in Yorkshire, and Appendix C for breeding behaviour and category codes.

For full results, including Scientific names, see tables 15 – 22 presented in Appendix D.

3.2.1 *Transect 1*

Transect 1 was located at the northernmost end of the site, starting at Skipsea beach, where the transect incorporated a length of the beach itself, which sand cliffs, before coming inland in an easterly direction through farmland. The majority of the transect travelled through open arable farmland, with some sections following watercourses.

Results

A total of 78 species were recorded from Transect 1, this included 14 red listed and 35 amber listed species. In addition, five Schedule 1 species were recorded: barn owl, marsh harrier and redwing, with common scoter and red-throated diver observed at sea. Barn owl was categorised as a possible breeder and the remaining Schedule 1 species were classed as non-breeders observed in the vicinity of the transect.

Within the breeding assemblage, 15 species were confirmed as breeding; including red listed lapwing, skylark, yellowhammer and tree sparrow. In addition, an active sand martin colony, with a peak count of 268 active burrows, was identified within the sea cliffs. Linnet and grey partridge were included in the nine probable breeders. The remaining 54 species were possible or non-breeders.

Table 7: Summary of results for DBS Onshore Survey Area Transect 1

Transect 1 Results	National Status	Yorkshire Breeding status	Site Breeding Status	
			Behaviour	Breeding status
Species				
Arctic Tern	Migrant Breeder, Passage Visitor	U	F	NB
Barn Owl	Resident Breeder	U	H	PO
Black-headed Gull	Migrant/Resident Breeder, Passage/Winter Visitor	C	F	NB
Common Gull	Migrant/Resident Breeder, Passage/Winter Visitor	R	FL/M	NB
Common Sandpiper	Migrant Breeder, Passage/Winter Visitor	U	M	NB
Common Scoter	Resident/Migrant Breeder,	NB	M	NB

Transect 1 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
	Passage/Winter Visitor			
Common Tern	Migrant Breeder, Passage Visitor	S	F/M	NB
Duncock	Resident Breeder, Passage/Winter Visitor	C	FL	C
Fulmar	Migrant/Resident Breeder, Passage Visitor	FC	F	NB
Gannet	Migrant/Resident Breeder, Passage Visitor	U	F	NB
Greenfinch	Resident Breeder, Winter Visitor	C	H	PO
Grey Partridge	Resident/Introduced Breeder	FC	P	PR
Grey Plover	Passage/Winter Visitor	NB	M	NB
Grey Wagtail	Resident Breeder, Passage Visitor	U	M	NB
Greylag Goose	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	F	NB
Guillemot	Migrant/Resident Breeder, Winter Visitor	FC	F/M	NB
Herring Gull	Resident Breeder, Passage/Winter Visitor	C	UH/M	NB
Kestrel	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Kittiwake	Migrant/Resident Breeder, Passage/Winter Visitor	C	F	NB
Lapwing	Migrant/Resident Breeder, Passage/Winter Visitor	U	FL	C

Transect 1 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Lesser Black-backed Gull	Migrant/Resident Breeder, Passage Visitor	U	U	NB
Linnet	Migrant/Resident Breeder, Passage/Winter Visitor	C	A/P	PR
Mallard	Introduced/Resident Breeder, Winter Visitor	FC	H	PO
<u>Marsh Harrier</u>	<u>Migrant/Resident Breeder, Passage Visitor</u>	<u>S</u>	<u>U</u>	<u>NB</u>
Meadow Pipit	Migrant/Resident Breeder, Passage/Winter Visitor	C	FF	C
Oystercatcher	Migrant/Resident Breeder, Passage/Winter Visitor	S	U	NB
Razorbill	Migrant/Resident Breeder, Winter Visitor	FC	F	NB
Redshank	Migrant/Resident Breeder, Passage/Winter Visitor	U	M	NB
Red-throated Diver	Migrant/Resident Breeder, Passage/Winter Visitor	FC	M	NB
Redwing	Migrant/Resident Breeder, Passage/Winter Visitor	NB	M	NB
Reed Bunting	Resident Breeder, Passage/Winter Visitor	FC	FF	C
Rook	Resident Breeder, Winter Visitor	A	H	PO
Sanderling	Passage/Winter Visitor	FC	M	NB

Transect 1 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Sandwich Tern	Migrant Breeder, Passage Visitor	FC	M	NB
Sedge Warbler	Migrant Breeder, Passage Visitor	FC	H	PO
<u>Short-eared Owl</u>	<u>Migrant/Resident Breeder, Passage/Winter Visitor</u>	<u>R</u>	M	NB
Skylark	Resident Breeder, Passage/Winter Visitor	C	FF	C
Song Thrush	Migrant/Resident Breeder, Passage/Winter Visitor	C	H	PO
Sparrowhawk	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Starling	Resident Breeder, Passage/Winter Visitor	A	H	PO
Stock Dove	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Swift	Migrant Breeder, Passage Visitor	C	F	NB
Teal	Resident Breeder, Passage/Winter Visitor	R	U/M	NB
Tree Sparrow	Resident Breeder, Passage Visitor	U	FL	C
Whinchat	Migrant Breeder, Passage Visitor	U	M	NB
Whitethroat	Migrant Breeder, Passage Visitor	S	FL	C
Willow Warbler	Migrant Breeder, Passage Visitor	C-A	H	PO
Wood Pigeon	Resident Breeder, Winter Visitor	A	A/P	PR
Wren	Resident Breeder, Passage/Winter Visitor	A	T	PR

Transect 1 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Yellow Wagtail	Migrant Breeder, Passage Visitor	U	FL/FF	C
Yellowhammer	Resident Breeder, Passage/Winter Visitor	FC	FL/FF	C

3.2.2 Transect 2

Transect 2 travelled in a north-south direction, approximately from Dunnington to Catfoss. The habitats were primarily arable farmland, with a number of small copses, and a section of woodland adjacent to the transect in its southern section.

Results

A total of 58 species were recorded from Transect 2, this included 12 red listed and 21 amber listed species. In addition, three Schedule 1 species, peregrine, marsh harrier and redwing were observed in the vicinity of the transect and classed non-breeders. The redwing was believed to be on migration whilst the marsh harrier and peregrine were both recorded flying over.

Within the breeding assemblage, 13 species were confirmed as breeding; including red listed greenfinch, linnet, yellow wagtail and yellowhammer, house martin, house sparrow and skylark were included in the 15 probable breeders. The remaining 30 species were possible or non-breeders.

Table 8: Summary of results for DBS Onshore Survey Area Transect 2

Transect 2 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Bullfinch	Resident Breeder, Scarce Visitor	U	H	PO
Black-headed Gull	Migrant/Resident Breeder, Passage/Winter Visitor	C	F	NB
Common Gull	Migrant/Resident Breeder, Passage/Winter Visitor	R	U	NB
Dunnock	Resident Breeder, Passage/Winter Visitor	C	T	PR
Greylag Goose	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	U	NB

Transect 2 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Greenfinch	Resident Breeder, Winter Visitor	C	FL	C
Grey Partridge	Resident/Introduced Breeder	FC	P	PR
Herring Gull	Resident Breeder, Passage/Winter Visitor	C	UH	NB
House Martin	Migrant Breeder, Passage Visitor	C	P	PR
House Sparrow	Resident Breeder	A	P	PR
Kestrel	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Lesser whitethroat	Migrant Breeder, Passage Visitor	FC-U	H	PO
Linnet	Migrant/Resident Breeder, Passage/Winter Visitor	C	FL	C
Mistle thrush	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Mallard	Introduced/Resident Breeder, Winter Visitor	FC	P	PR
Moorhen	Resident Breeder, Winter Visitor	C-A	UH	NB
<u>Marsh Harrier</u>	<u>Migrant/Resident Breeder, Passage Visitor</u>	<u>S</u>	F	NB
Oystercatcher	Migrant/Resident Breeder, Passage/Winter Visitor	S	F	NB
Redwing	Migrant/Resident Breeder, Passage/Winter Visitor	NB	M	NB
Reed Bunting	Resident Breeder, Passage/Winter Visitor	FC	P	PR

Transect 2 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Rook	Resident Breeder, Winter Visitor	A	H	PO
<u>Shoveler</u>	<u>Migrant Breeder, Passage/Winter Visitor</u>	<u>S</u>	UH	NB
Skylark	Resident Breeder, Passage/Winter Visitor	C	T	PR
Song Thrush	Migrant/Resident Breeder, Passage/Winter Visitor	C	H	PO
Starling	Resident Breeder, Passage/Winter Visitor	A	UH	NB
Stock Dove	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Teal	Resident Breeder, Passage/Winter Visitor	R	UH	NB
Tree Sparrow	Resident Breeder, Passage Visitor	U	H	PO
Whitethroat	Migrant Breeder, Passage Visitor	S	FL	C
Willow Warbler	Migrant Breeder, Passage Visitor	C-A	S	PO
Wood Pigeon	Resident Breeder, Winter Visitor	A	P	PR
Wren	Resident Breeder, Passage/Winter Visitor	A	ON	C
Yellow Wagtail	Migrant Breeder, Passage Visitor	U	FF	C
Yellowhammer	Resident Breeder, Passage/Winter Visitor	FC	FL	C

3.2.3 *Transect 3*

Transect 3 travelled between Catwick and Routh, in a north-east – south-west direction. The habitats are primarily large open cereal fields, the route travelled over two large ditches and there were large waterbodies nearby at the northern end.

Results

A total of 67 species were recorded from Transect 3, this included 12 red listed and 25 amber listed species. In addition, Four Schedule 1 species, kingfisher, barn owl, marsh harrier and redwing were recorded. The barn owl was documented as probable breeding due to evidence of a presumed territory along the Monk Dike, and potential nesting site within an ash tree. The remaining Schedule 1 species were categorised as non-breeding in the vicinity of the transect.

Within the breeding assemblage, ten species were confirmed as breeding; including red listed yellow wagtail. Furthermore, the red listed species: greenfinch, grey partridge, house martin, house sparrow, linnets, skylark and yellowhammer were included as probable breeders. The remaining species were designated as possible or non-breeders.

Table 9: Summary of results for DBS Onshore Survey Area Transect 3

Transect 3 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Barn Owl	Resident Breeder	U	T	PR
Black-headed Gull	Migrant/Resident Breeder, Passage/Winter Visitor	C	UH	NB
Bullfinch	Resident Breeder, Scarce Visitor	U	H	PO
Common Gull	Migrant/Resident Breeder, Passage/Winter Visitor	R	UH	NB
Common Tern	Migrant Breeder, Passage Visitor	S	F	NB
Corn Bunting	Resident Breeder, Passage Visitor	U	M	NB
Duncock	Resident Breeder, Passage/Winter Visitor	C	T/P	PR
Gadwall	Migrant/Resident Breeder, Winter Visitor	U	FL	C
Greenfinch	Resident Breeder, Winter Visitor	C	T	PR
Grey Partridge	Resident/Introduced Breeder	FC	P	PR
Greylag Goose	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	P	PR
Herring Gull	Resident Breeder, Passage/Winter Visitor	C	F	NB
House Martin	Migrant Breeder, Passage Visitor	C	P	PR
House Sparrow	Resident Breeder	A	P	PR

Transect 3 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Kestrel	Migrant/Resident Breeder, Passage/Winter Visitor	FC	FI	C
Kingfisher	Migrant/Resident Breeder	U-S	F	NB
Linnet	Migrant/Resident Breeder, Passage/Winter Visitor	C	T/P	PR
Mallard	Introduced/Resident Breeder, Winter Visitor	FC	FL	C
<u>Marsh Harrier</u>	<u>Migrant/Resident Breeder, Passage Visitor</u>	<u>S</u>	F	NB
Meadow Pipit	Migrant/Resident Breeder, Passage/Winter Visitor	C	T	PR
Moorhen	Resident Breeder, Winter Visitor	C-A	UH	NB
Oystercatcher	Migrant/Resident Breeder, Passage/Winter Visitor	S	F	NB
Pink-footed Goose	Winter Migrant	NB	M	NB
Redwing	Migrant/Resident Breeder, Passage/Winter Visitor	NB	F	NB
Reed Bunting	Resident Breeder, Passage/Winter Visitor	FC	FL	C
Rook	Resident Breeder, Winter Visitor	A	F	NB
Shelduck	Migrant/Resident Breeder, Winter Visitor	U	F	NB
Skylark	Resident Breeder, Passage/Winter Visitor	C	T/D	PR
Song Thrush	Migrant/Resident Breeder, Passage/Winter Visitor	C	UH	NB

Transect 3 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Starling	Resident Breeder, Passage/Winter Visitor	A	H	PO
Stock Dove	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Tawny Owl	Resident Breeder	FC	H	PO
Teal	Resident Breeder, Passage/Winter Visitor	R	H	PO
Tree Sparrow	Resident Breeder, Passage Visitor	U	H	PO
Whitethroat	Migrant Breeder, Passage Visitor	S	T	PR
Willow Warbler	Migrant Breeder, Passage Visitor	C-A	H	PO
Wood Pigeon	Resident Breeder, Winter Visitor	A	P	PR
Wren	Resident Breeder, Passage/Winter Visitor	A	A	PR
Yellow Wagtail	Migrant Breeder, Passage Visitor	U	ON	C
Yellowhammer	Resident Breeder, Passage/Winter Visitor	FC	P	PR

3.2.4 *Transect 4*

Transect 4 travelled parallel with the eastern bank of the River Hull at its western end and travelled in an east-west direction through arable farmland.

Results

A total of 75 species were recorded across the survey visits from Transect 4; these included 13 red-listed and 26 amber-listed species. Red listed species included farmland indicator species grey partridge, lapwing, linnet, skylark, starling and yellowhammer.

Eight Schedule 1 species were also recorded along Transect 4 including marsh harrier, redwing, whooper swan, Cetti's warbler, hobby, fieldfare, kingfisher and barn owl. A pair of barn owls were seen exiting a barn owl box affixed to a mature oak tree along the route during the April survey visit. Incidental records of barn owl using the same box were reported by surveyors during bat and habitat surveys in the area across the survey season. Barn owl is the only confirmed breeding Schedule 1 species along Transect 4 with Cetti's warbler observed holding a territory and therefore categorised as a probable breeder, and the other

species as non-breeders. Marsh harrier was confirmed breeding at Transect 5 and observed in flight from Transect 4.

Within the breeding assemblage, 13 species were confirmed breeders; including red listed lapwing, linnets and skylark, and amber listed reed bunting, whitethroat and wren, with a further 16 probable breeders. The remaining species were designated as possible and non-breeders.

Table 10: Summary of results for Transect 4

Transect 4 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Barn Owl	Resident Breeder	U	ON	C
Black-headed Gull	Migrant/Resident Breeder, Passage/Winter Visitor	C	F	NB
Bullfinch	Resident Breeder, Scarce Visitor	U	H	PO
Common Gull	Migrant/Resident Breeder, Passage/Winter Visitor	R	F	NB
Common Tern	Migrant Breeder, Passage Visitor	S	F	NB
Cetti's Warbler	Resident Breeder, Passage Visitor	S	H/S	PO
Dunnock	Resident Breeder, Passage/Winter Visitor	C	T	PR
<u>Fieldfare</u>	<u>Scarce Breeder, Passage/Winter Visitor</u>	<u>NB</u>	M	NB
Gadwall	Migrant/Resident Breeder, Winter Visitor	U	UH	NB
Greenfinch	Resident Breeder, Winter Visitor	C	H	PO
Grey Partridge	Resident/Introduced Breeder	FC	P	PR
Greylag Goose	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	F	NB
Herring Gull	Resident Breeder, Passage/Winter Visitor	C	UH	NB
<u>Hobby</u>	<u>Migrant Breeder, Passage Visitor</u>	<u>S</u>	H	PO
House Martin	Migrant Breeder, Passage Visitor	C	UH	NB
Kestrel	Migrant/Resident Breeder,	FC	H	PO

Transect 4 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
	Passage/Winter Visitor			
Kingfisher	Migrant/Resident Breeder	U-S	H	PO
Lapwing	Migrant/Resident Breeder, Passage/Winter Visitor	U	FL	C
Lesser Black-backed Gull	Migrant/Resident Breeder, Passage Visitor	U	UH	NB
Linnet	Migrant/Resident Breeder, Passage/Winter Visitor	C	FL	C
Mallard	Introduced/Resident Breeder, Winter Visitor	FC	P	PR
<u>Marsh Harrier</u>	<u>Migrant/Resident Breeder, Passage Visitor</u>	<u>S</u>	F	NB
Meadow Pipit	Migrant/Resident Breeder, Passage/Winter Visitor	C	H	PO
Mistle thrush	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Moorhen	Resident Breeder, Winter Visitor	C-A	T	PR
Redwing	Migrant/Resident Breeder, Passage/Winter Visitor	NB	M	NB
Reed Bunting	Resident Breeder, Passage/Winter Visitor	FC	FL	C
Rook	Resident Breeder, Winter Visitor	A	H	PO
Sedge Warbler	Migrant Breeder, Passage Visitor	FC	T	PR
Skylark	Resident Breeder, Passage/Winter Visitor	C	FL	C
Song Thrush	Migrant/Resident Breeder,	C	S	PO

Transect 4 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
	Passage/Winter Visitor			
Sparrowhawk	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Starling	Resident Breeder, Passage/Winter Visitor	A	H	PO
Stock Dove	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Swift	Migrant Breeder, Passage Visitor	C	UH	NB
Whitethroat	Migrant Breeder, Passage Visitor	S	FL	C
Whooper Swan	Scarce Breeder, Winter Migrant	NB	F/M	NB
<u>Wigeon</u>	<u>Resident Breeder, Winter Visitor</u>	<u>R</u>	<u>E</u>	NB
Willow Warbler	Migrant Breeder, Passage Visitor	C-A	S	PO
Wood Pigeon	Resident Breeder, Winter Visitor	A	P	PR
Wren	Resident Breeder, Passage/Winter Visitor	A	FF	C
Yellow Wagtail	Migrant Breeder, Passage Visitor	U	ON	C
Yellowhammer	Resident Breeder, Passage/Winter Visitor	FC	FL	C

3.2.5 Transect 5

Transect 5 travelled along the western bank of the River Hull at its eastern end, in an east-west direction travelling primarily through arable fields, with the Hudson Way track at its western end.

Results

A total of 65 species were recorded from Transect 5, including 11 red listed and 27 amber listed species. Additionally, four Schedule 1 species were recorded – Marsh harrier were confirmed to be breeding on site while Barn owl, Cetti's Warbler considered to be possible breeders; green sandpiper, recorded flying over, was considered to be a non-breeder.

Within the breeding assemblage, 15 species were confirmed to be breeding, three are red listed: lapwing, linnet and yellowhammer. Other red listed species were recorded amongst

probable breeders including greenfinch, grey partridge, skylark, starling, tree sparrow and yellow wagtail. Of the remaining 17 probable breeders nine were amber listed. The remaining species were designated as possible or non-breeders.

The vantage point surveys undertaken at a location along Transect 5 confirmed the presence of breeding marsh harrier within the survey boundary. Surveys recorded one young polygamous male with two females on different nests. One nest was directly within the survey boundary, while the second nest was located just to the north (See **Figure 3**). Behaviour recorded included nest building, food passes and copulation. Activity between the two nests was fairly regular between March and June, with the last recorded activity occurring on the 20th July when a male was seen carrying food towards the area of both nests. Male activity was focused on the northern nest, which was thought to be the primary female. No fledgelings were observed during the surveys and a nest check in August concluded that the nest within the survey boundary was not successful this year, potentially as a result of predation.

An incidental record of cuckoo *Cuculus canorus* was made within the survey boundary during the June marsh harrier VP survey. This is the only record of this red listed species within the redline boundary. Additional incidental records of three schedule 1 birds, barn owl, hobby and a singing Cetti's warbler, were also noted on the same visit.

Figure 3: Location of the marsh harrier nests (redacted)

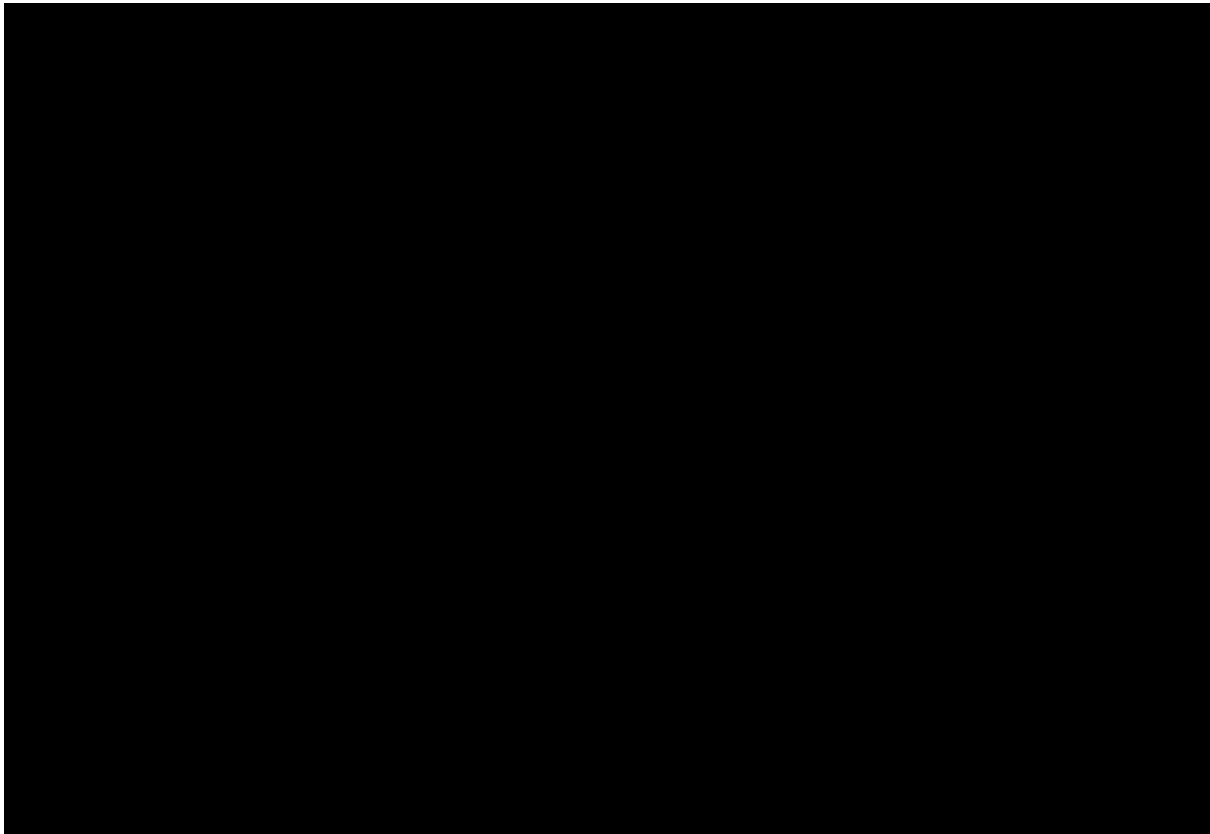


Table 11: Summary of results for Transect 5

Transect 5 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Barn Owl	Resident Breeder	U	H	PO
Black-headed Gull	Migrant/Resident Breeder, Passage/Winter Visitor	C	UH	NB
Bullfinch	Resident Breeder, Scarce Visitor	U	P	PR
Common Gull	Migrant/Resident Breeder, Passage/Winter Visitor	R	F	NB
Cetti's Warbler	Resident Breeder, Passage Visitor	S	S	PO
Dunnock	Resident Breeder, Passage/Winter Visitor	C	T	PR
Gadwall	Migrant/Resident Breeder, Winter Visitor	U	A	PR
Great Black-backed Gull	Resident Breeder, Winter Visitor	R	UH	NB
Green Sandpiper	Scarce Breeder, Passage/Winter Visitor	U	F	NB
Greenfinch	Resident Breeder, Winter Visitor	C	T	PR
Grey Partridge	Resident/Introduced Breeder	FC	P	PR
Herring Gull	Resident Breeder, Passage/Winter Visitor	C	UH	NB
Kestrel	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Lapwing	Migrant/Resident Breeder, Passage/Winter Visitor	U	ON	C
Lesser Black-backed Gull	Migrant/Resident Breeder, Passage Visitor	U	F	NB
Linnet	Migrant/Resident Breeder, Passage/Winter Visitor	C	FL	C

Transect 5 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Mallard	Introduced/Resident Breeder, Winter Visitor	FC	T	PR
<u>Marsh Harrier</u>	<u>Migrant/Resident Breeder, Passage Visitor</u>	<u>S</u>	ON	C
Meadow Pipit	Migrant/Resident Breeder, Passage/Winter Visitor	C	FF	C
Moorhen	Resident Breeder, Winter Visitor	C-A	H	PO
Reed Bunting	Resident Breeder, Passage/Winter Visitor	FC	FL	C
Rook	Resident Breeder, Winter Visitor	A	H	PO
Sedge Warbler	Migrant Breeder, Passage Visitor	FC	T	PR
Shelduck	Migrant/Resident Breeder, Winter Visitor	U	F	NB
<u>Shoveler</u>	<u>Migrant Breeder, Passage/Winter Visitor</u>	<u>S</u>	P	PR
Skylark	Resident Breeder, Passage/Winter Visitor	C	T	PR
Snipe	Migrant/Resident Breeder, Passage/Winter Visitor	S	M	NB
Song Thrush	Migrant/Resident Breeder, Passage/Winter Visitor	C	FL	C
Sparrowhawk	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Starling	Resident Breeder, Passage/Winter Visitor	A	T	PR
Stock Dove	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Swift	Migrant Breeder, Passage Visitor	C	UH	NB

Transect 5 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Teal	Resident Breeder, Passage/Winter Visitor	R	P	PR
Tree Sparrow	Resident Breeder, Passage Visitor	U	H	PO
Whitethroat	Migrant Breeder, Passage Visitor	S	FL	C
Willow Warbler	Migrant Breeder, Passage Visitor	C-A	S	PO
Wood Pigeon	Resident Breeder, Winter Visitor	A	T	PR
Wren	Resident Breeder, Passage/Winter Visitor	A	A	PR
Yellow Wagtail	Migrant Breeder, Passage Visitor	U	T	PR
Yellowhammer	Resident Breeder, Passage/Winter Visitor	FC	FL	C

3.2.6 *Transect 6*

Transect 6 was located to west of Beverley racecourse at the northern, travelling in a north-south direction, with the south-western edge of Beverley at the southern end of the transect.

Results

A total of 64 species were recorded from Transect 6, including 12 red listed and 25 amber listed species. There were also four Schedule 1 species observed, fieldfare, hobby, peregrine and redwing. Of these Schedule 1 species, hobby was categorised as possible breeders, whilst the remaining species were categorised as non-breeders.

Altogether, 15 species observed on Transect 6 were confirmed as breeding, including red listed linnet, skylark, starling and yellowhammer. Amber listed mallard, moorhen and sparrowhawk were also among the confirmed breeding species.

Greenfinch, grey partridge and yellow wagtail were among the 19 species of probable breeders observed. Among the probable breeders were a further ten amber listed species; bullfinch, dunnock, meadow pipit, reed bunting, song thrush, stock dove, whitethroat, wigeon, wood pigeon and wren.

There were 18 species identified as possible breeders, which included red listed mistle thrush and amber listed greylag goose, sedge warbler and rook with the remaining 12 species designated as non-breeders.

Table 12: Summary of results for Transect 6

Transect 6 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Black-headed Gull	Migrant/Resident Breeder, Passage/Winter Visitor	C	UH	NB
Bullfinch	Resident Breeder, Scarce Visitor	U	T	PR
Common Gull	Migrant/Resident Breeder, Passage/Winter Visitor	R	UH	NB
Dunnock	Resident Breeder, Passage/Winter Visitor	C	P/T	PR
<u>Fieldfare</u>	<u>Scarce Breeder, Passage/Winter Visitor</u>	<u>NB</u>	M	NB
Greenfinch	Resident Breeder, Winter Visitor	C	T	PR
Grey Partridge	Resident/Introduced Breeder	FC	P	PR
Greylag Goose	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	H	PO
Herring Gull	Resident Breeder, Passage/Winter Visitor	C	UH	NB
<u>Hobby</u>	<u>Migrant Breeder, Passage Visitor</u>	<u>S</u>	H	PO
House Martin	Migrant Breeder, Passage Visitor	C	F	NB
House Sparrow	Resident Breeder	A	UH	NB
Kestrel	Migrant/Resident Breeder, Passage/Winter Visitor	FC	F	NB
Lesser Black-backed Gull	Migrant/Resident Breeder, Passage Visitor	U	UH	NB
Linnet	Migrant/Resident Breeder, Passage/Winter Visitor	C	FF	C
Mallard	Introduced/Resident Breeder, Winter Visitor	FC	FL	C
Meadow Pipit	Migrant/Resident Breeder, Passage/Winter Visitor	C	T	PR

Transect 6 Results		Yorkshire Breeding status	Site Breeding Status	
Species	National Status		Behaviour	Breeding status
Mistle thrush	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Moorhen	Resident Breeder, Winter Visitor	C-A	FL	C
Oystercatcher	Migrant/Resident Breeder, Passage/Winter Visitor	S	F	NB
<u>Peregrine</u>	<u>Resident Breeder, Passage/Winter Visitor</u>	<u>S</u>	F	NB
Redwing	Migrant/Resident Breeder, Passage/Winter Visitor	NB	M	NB
Reed Bunting	Resident Breeder, Passage/Winter Visitor	FC	B	PR
Rook	Resident Breeder, Winter Visitor	A	H	PO
Sedge Warbler	Migrant Breeder, Passage Visitor	FC	H	PO
Skylark	Resident Breeder, Passage/Winter Visitor	C	FF	C
Snipe	Migrant/Resident Breeder, Passage/Winter Visitor	S	UH	NB
Song Thrush	Migrant/Resident Breeder, Passage/Winter Visitor	C	T	PR
Sparrowhawk	Resident Breeder, Passage/Winter Visitor	FC	FL	C
Starling	Resident Breeder, Passage/Winter Visitor	A	FL	C
Stock Dove	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Tawny Owl	Resident Breeder	FC	H	PO
Whitethroat	Migrant Breeder, Passage Visitor	S	B	PR
<u>Wigeon</u>	<u>Resident Breeder, Winter Visitor</u>	<u>R</u>	A	PR
Willow Warbler	Migrant Breeder, Passage Visitor	C-A	H	PO

Transect 6 Results	National Status	Yorkshire Breeding status	Site Breeding Status	
Species			Behaviour	Breeding status
Wood Pigeon	Resident Breeder, Winter Visitor	A	P	PR
Wren	Resident Breeder, Passage/Winter Visitor	A	T	PR
Yellow Wagtail	Migrant Breeder, Passage Visitor	U	T/P	PR
Yellowhammer	Resident Breeder, Passage/Winter Visitor	FC	FF	C

3.2.7 Transect 7

Transect 7 was located to the south of Beverly, incorporating the substation Zone 4 area. The route traversed through a mixture of arable and grassland leys, with hedgerows and small woodland copses.

Results

A total of 66 species were recorded from Transect 7, including 16 red and 21 amber listed species. Four Schedule 1 species were recorded; however, these were categorised as non-breeding, with the exception of barn owl, which was a possible breeder.

Seventeen species were confirmed as breeding; including red listed skylark, starling, and yellowhammer and amber listed whitethroat, with 16 probable breeders; including red listed mistle thrush, linnets and lapwing.

Table 13: Summary of Results for Transect 7

T7 Results	National Status	Yorkshire Breeding status	Site Breeding Status	
Species			Behaviour	Breeding status
Barn Owl	Resident Breeder	U	H	PO
Black-headed Gull	Migrant/Resident Breeder, Passage/Winter Visitor	C	U	NB
Bullfinch	Resident Breeder, Scarce Visitor	U	H	PO
Common Gull	Migrant/Resident Breeder, Passage/ Winter Visitor	R	M	NB
Curlew	Migrant/ Resident Breeder, Passage/ Winter Visitor	U	M	NB
Dunnock	Resident Breeder, Passage/Winter Visitor	C	T	PR
Fieldfare	Scarce Breeder, Passage/Winter Visitor	<u>NB</u>	M	NB

T7 Results	National Status	Yorkshire Breeding status	Site Breeding Status	
Species			Behaviour	Breeding status
Greenfinch	Resident Breeder, Winter Visitor	C	P	PR
Grey Partridge	Resident/Introduced Breeder	FC	P	PR
Greylag Goose	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	P	PR
Herring Gull	Resident Breeder, Passage/Winter Visitor	C	U/M	NB
House Martin	Migrant Breeder, Passage Visitor	C	H	PO
House Sparrow	Resident Breeder	A	H	PO
Kestrel	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Lapwing	Migrant/Resident Breeder, Passage/Winter Visitor	U	P	PR
Lesser Black-backed Gull	Migrant/Resident Breeder, Passage Visitor	U	U/M	NB
Linnet	Migrant/Resident Breeder, Passage/Winter Visitor	C	P	PR
Mallard	Introduced/Resident Breeder, Winter Visitor	FC	P	PR
Marsh Harrier	Migrant/Resident Breeder, Passage Visitor	<u>S</u>	UH	NB
Marsh Tit	Resident Breeder	U	H	PO
Meadow Pipit	Migrant/Resident Breeder, Passage/Winter Visitor	C	U	NB
Mistle Thrush	Migrant/Resident Breeder, Passage/Winter Visitor	FC	P	PR
Redwing	Migrant/Resident Breeder, Passage/Winter Visitor	NB	M	NB
Reed Bunting	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Rook	Resident Breeder, Winter Visitor	A	ON	C
Skylark	Resident Breeder, Passage/Winter Visitor	C	FL	C
Song Thrush	Migrant/Resident Breeder, Passage/Winter Visitor	C	H	PO
Sparrowhawk	Resident Breeder, Passage/Winter Visitor	FC	H	PO

T7 Results	National Status	Yorkshire Breeding status	Site Breeding Status	
Species			Behaviour	Breeding status
Starling	Resident Breeder, Passage/Winter Visitor	A	FL/FF	C
Stock Dove	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Swift	Migrant Breeder, Passage Visitor	C	F	NB
Tree Sparrow	Resident Breeder, Passage Visitor	U	FF	C
Wheatear	Migrant Breeder, Passage Visitor	S	M	NB
Whitethroat	Migrant Breeder, Passage Visitor	FC-C	FF	C
Willow Warbler	Migrant Breeder, Passage Visitor	C-A	M	NB
Wood Pigeon	Resident Breeder, Winter Visitor	A	P	PR
Wren	Resident Breeder, Passage/Winter Visitor	A	T	PR
Yellowhammer	Resident Breeder, Passage/Winter Visitor	FC	FC	C

3.2.8 Transect 8

Transect 8 was located to the south of Beverley, incorporating substation location 1. The habitats consisted of arable fields either side of the A1079.

Results

Fifty-nine species were recorded across the survey visits from Transect 8; these included 13 red listed and 20 amber listed species. Red listed species included farmland birds such as tree sparrow, linnet, skylark, lapwing, grey partridge, yellow wagtail and yellowhammer. Three Schedule 1 species, barn owl, peregrine and redwing were recorded, however barn owl was the only species considered likely to have bred in the vicinity of the transect.

Twenty species were confirmed breeders; including kestrel, starling, whitethroat and yellowhammer, with a further 15 probable breeders; such as bullfinch, linnet, house sparrow and stock dove.

Table 14: Summary of Results for Transect 8

T8 Results	National Status	Yorkshire Breeding status	Site Breeding Status	
Species			Behaviour	Breeding status
Barn Owl	Resident Breeder	U	H	PO
Black-headed Gull	Migrant/Resident Breeder,	C	U/M	NB

T8 Results	National Status	Yorkshire Breeding status	Site Breeding Status	
Species			Behaviour	Breeding status
	Passage/Winter Visitor			
Bullfinch	Resident Breeder, Scarce Visitor	U	P	PR
Common Gull	Migrant/Resident Breeder, Passage/Winter Visitor	R	U/M	NB
Duncock	Resident Breeder, Passage/Winter Visitor	C	T	PR
Greenfinch	Resident Breeder, Winter Visitor	C	H	PO
Grey Partridge	Resident/Introduced Breeder	FC	P	PR
Greylag Goose	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	P	PR
Herring Gull	Resident Breeder, Passage/Winter Visitor	C	U/M	NB
House Sparrow	Resident Breeder	A	P	PR
Kestrel	Migrant/Resident Breeder, Passage/Winter Visitor	FC	FL	C
Lapwing	Migrant/Resident Breeder, Passage/Winter Visitor	U	F	NB
Lesser Black-backed Gull	Migrant/Resident Breeder, Passage Visitor	U	U/M	NB
Linnet	Migrant/Resident Breeder, Passage/Winter Visitor	C	P	PR
Mallard	Introduced/Resident Breeder, Winter Visitor	FC	P	PR
Meadow Pipit	Migrant/Resident Breeder, Passage/Winter Visitor	C	H	PO
Mistle Thrush	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO

T8 Results	National Status	Yorkshire Breeding status	Site Breeding Status	
Species			Behaviour	Breeding status
Moorhen	Resident Breeder, Winter Visitor	C-A	FL	C
<u>Peregrine</u>	Resident Breeder, Passage/Winter Visitor	<u>S</u>	F	NB
Redwing	Migrant/Resident Breeder, Passage/Winter Visitor	NB	M	NB
Reed Bunting	Resident Breeder, Passage/Winter Visitor	FC	FF	C
Rook	Resident Breeder, Winter Visitor	A	FL	C
Skylark	Resident Breeder, Passage/Winter Visitor	C	P	PR
Song Thrush	Migrant/Resident Breeder, Passage/Winter Visitor	C	H	PO
Sparrowhawk	Resident Breeder, Passage/Winter Visitor	FC	FF	C
Starling	Resident Breeder, Passage/Winter Visitor	A	ON/FL	C
Stock Dove	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Swift	Migrant Breeder, Passage Visitor	C	F	NB
Tree Sparrow	Resident Breeder, Passage Visitor	U	H	PO
Whitethroat	Migrant Breeder, Passage Visitor	FC-C	FL	C
Willow Warbler	Migrant Breeder, Passage Visitor	C-A	NB	M
Wood Pigeon	Resident Breeder, Winter Visitor	A	ON	C
Wren	Resident Breeder, Passage/Winter Visitor	A	T	PR
Yellow Wagtail	Migrant Breeder, Passage Visitor	U	H	PO
Yellowhammer	Resident Breeder, Passage/Winter Visitor	FC	FF	C

4 **EVALUATION**

When assessing the breeding assemblage for each surveyed transect, which includes those species categorised as possible, probable or confirmed breeders, the assemblages ranged from 43 to 54 species, averaging at 48 species, which equates to District importance under the Fuller method. The Fuller method is generally used for discrete sites, as opposed to linear transects, which typically travel through a great range of habitat types, therefore the geographical importance assigned to the surveyed transect areas may be elevated to a level which is not an accurate reflection of the assemblages present. This method does however provide an indication of the conservation value of the birds breeding within the corridor area.

The percentage of Birds of Conservation Concern within the breeding assemblages recorded from each transect averaged at 52%. A more detailed analysis, per transect is provided below.

4.1 **Transect 1**

The survey from Transect 1 returned a diverse range of species. The species list reflects the proximity of the transect to the coastal section of the Onshore Development Area, which is not present on other transect routes. The proximity to coastal habitats, introduces a number of additional species, specifically waders, wildfowl and seabirds. Whilst the species list is diverse, many of the coastal bird species were not recorded breeding in the vicinity of the transect as either suitable habitat was not present, or they were either summering non-breeders or migratory species which do not breed in the UK/area.

Of the 14 red listed species recorded, four were non-breeding. The remaining red listed species comprised of farmland species which were recorded in low densities, whilst a large flock of linnet were recorded in May, the indicative number of breeding pairs was below ten. Similarly, two displaying lapwing, four pairs of grey partridge and four singing yellowhammer were peak numbers for the species. Skylark were more numerous with a peak count of 34 singing birds in June. The total of Birds of Conservation Concern represented 53% of the breeding assemblage.

In the local context, four “uncommon” breeding species with the East Riding were recorded within the breeding assemblage; barn owl, lapwing, tree sparrow and yellow wagtail. With an estimated breeding assemblage of 45 species, this would indicate a District level of importance under Fuller *et al.*

Whilst the transect area supports a range of farmland indicator and red listed species, these were recorded at low density, indicating that the habitats are not optimal for this group of species. The majority of the activity was related to field boundary features, however breeding skylark, lapwing and yellow wagtail were associated with field interiors.

A series of sand martin colonies were noted within the cliffs at Skipsea beach, these included groups of up to 120 active burrows, with a peak total of 268 active burrows. Sand martins do not currently have a conservation status and are categorised as “fairly common” in Yorkshire. A colony of this size is not exceptional for Yorkshire, or the UK. Whilst the population occupying the Skipsea beach cliffs is not significant from a conservation point of view, they represent the only breeding sand martins at the site and are therefore significant on a site scale.

A group of 104 golden plover was recorded during the March visit, these were individuals remaining in their wintering range and not an indication of breeding intent. These are discussed in more detail in the wintering bird report in relation to their SPA status (Peak Ecology, 2023).

4.2 Transect 2

Transect 2 traversed through open arable farmland, there were a number of small copses along the route, and a larger woodland adjacent to it. The species diversity recorded from this transect was slightly lower than the average for the site, which may reflect the lack of habitat diversity, i.e. the general lack of wetland habitats such as ditches.

The 21 birds of conservation concern included farmland specialists, reflecting the predominant habitat adjacent to the transect. The species were recorded in low densities, with skylark the most numerous with a peak of 18 singing males on one visit. A maximum of five yellow wagtails, and six singing yellowhammers was recorded. The total of Birds of Conservation Concern represented 53% of the breeding assemblage.

In the local context, five “uncommon” breeding species with the East Riding were recorded within the breeding assemblage; bullfinch, green woodpecker, lesser whitethroat, tree sparrow and yellow wagtail. With an estimated breeding assemblage of 42 species, this would indicate a District level of importance under Fuller (1980).

Schedule 1 species, marsh harrier and peregrine were not considered to be breeding as they were flying over and no suitable nesting habitat was present.

Whilst the transect area supports a range of farmland indicator and red listed, species these were recorded at low densities, indicating that the habitats are not optimal for this group of species. The majority of the activity was related to field boundary features, including a number of small copses and a larger woodland covert, however breeding skylark and yellow wagtail were associated with field interiors.

4.3 Transect 3

Transect 3 traversed through large open arable farmland, dissected by wide ditches and hedgerows, which generally lacked wooded habitats. A wide range of amber and red listed species were recorded from Transect 3, a number of which were farmland specialists.

Four species listed as uncommon in the East Riding of Yorkshire were included within the breeding assemblage; barn owl, bullfinch, gadwall and tree sparrow. With exception of barn owl, the Schedule 1 species recorded were not considered to be breeding in the near vicinity of the transect route. The total of Birds of Conservation Concern represented 58% of the breeding assemblage. With a breeding assemblage of 43 species would equating to District level of importance under the Fuller (1980) methodology.

Most species were recorded around the limited wooded areas and along tree lines and hedgerows. Concentrations of recordings were also found near to built structures such as around residential properties/farm buildings.

There were limited recordings of birds in the field interiors except for species such as skylarks and yellow wagtail, with larger groups of birds recorded early in the season whilst still on their wintering grounds, which included flocks of foraging/loafing wildfowl.

The red listed corn bunting was only recorded once in visit two, prior to the typical beginning of their breeding season indicating that this species was moving through the transect as opposed to breeding in the vicinity of the transect.

4.4 Transect 4

Transect 4 followed the River Hull at its western end, and this is reflected in the species recorded, which includes common tern, Cetti's warbler, kingfisher, little egret, reed warbler and sedge warbler which are associated with watercourses and their margins.

Red listed species were primarily farmland specialists such as linnet, skylark, yellowhammer and yellow wagtail. Skylark were the most numerous of these. Schedule 1 species hobby and marsh harrier were recorded, these were considered to be commuting/hunting birds breeding nearby. The total of Birds of Conservation Concern represented 48% of the breeding assemblage.

In the local context, six species listed as uncommon breeding species in the East Riding were recorded; barn owl, bullfinch, lapwing, mute swan, reed warbler and yellow wagtail. Lapwing have been recorded breeding in two locations across the entire site, therefore their presence is considered significant. This transect produced the highest diversity of breeding assemblage with 54 species, this would equate to County significance level under the Fuller methodology.

Common tern is a Qualifying Feature of the Greater Wash SPA, this species was recorded in association with the River Hull. As this river is located over 15km from the SPA, and common tern generally fly up to 10km from their breeding colony to hunt, it is unlikely to be functionally linked to birds breeding at the SPA.

As with the other transects, the majority of records were associated with field boundary features, concentrations were also found adjacent/in association with the river, which included Schedule 1 listed kingfisher and Cetti's warbler.

4.5 Transect 5

Transect 5 followed the River Hull on its eastern end, which, as with Transect 4, was reflected in the species assemblage, which included species such as gadwall, green sandpiper, sedge warbler, snipe, shelduck and shoveler. The total of Birds of Conservation Concern represented 56% of the breeding assemblage.

Eight “uncommon” species in the East Riding of Yorkshire were recorded, most of which had potential to be breeding; barn owl, bullfinch, lapwing, lesser whitethroat, mute swan, tree sparrow and yellow wagtail. This transect produced the highest diversity of breeding assemblage with 50 species, this however equates to County level importance.

Marsh harrier were recorded breeding from Transect 5, with one nest within the corridor, and a further outside to the north. This is considered to be the most significant finding at the site as a whole, given the status of the species. Marsh harriers were recorded some distance from the nest site, presumed to be hunting or commuting. Cetti's warbler is also an uncommon Schedule 1 listed species which was recorded as a possible breeder. The incidental record of hobby was considered likely to be a commuting bird, and green sandpiper was on migration.

Marsh harrier are a scarce but increasing breeder in Yorkshire, between 31 and 35 pairs were recorded between 2015-2019 (Dobbs, 2022). An estimated 40 pairs of marsh harrier were estimated to breed in the Humber (2013).

With an estimated 590-695 pairs of marsh harrier in UK in 2016, the pair recorded breeding on site represents at least 0.17% of the UK population. It is important to note that the male had a second female, breeding just outside of the corridor, therefore, the site's habitats were functionally linked to two breeding females.

The River Hull, and the adjacent habitats, along with the reed/tall grass area supporting the marsh harrier nest, appeared to be the most important habitat features recorded from the transect.

4.6 Transect 6

The bird species recorded from Transect 6 included a wide range of amber and red listed species which mostly comprised of farmland specialists, reflecting the habitats present.

Birds were generally recorded in low numbers and densities, with the exception of flocks recorded early in the season which were remaining wintering/passage birds, and also flocks of common and herring gulls, linnets, wood pigeon and rooks. With the exceptions of more than 50 Skylarks recorded during the March visit and 40 Linnets observed during the August visit, which is outside of the general breeding season, red listed birds were recorded in relatively low densities.

The breeding assemblage was calculated to total 52 species, this is equivalent to County significance level under the Fuller methodology. The total Birds of Conservation Concern represented 50% of the breeding assemblage, this was average for the site.

The majority of records were noted from either hedgerows or patches of woodlands along the transect route, with limited records from the centre of the fields, except for typical species such as skylark, in low densities, as well as flocks of gulls and foraging corvids.

4.7 Transect 7

The bird species recorded from Transect 7 included a wide range of amber and red listed species which mostly comprised of farmland specialists, reflecting the habitats present. These species were recorded at low numbers and densities, with the exception of flocks recorded early in the season which were remaining wintering/passage birds.

Of the schedule 1 species, barn owl was the only species considered likely to be breeding, as marsh harrier was recorded on one occasion in flight and redwing and fieldfare were yet to leave for their breeding grounds when recorded in March.

The majority of records were noted from the woodlands at the periphery of the transects, with limited records from the centre of the fields, except for typical species such as skylark, in low densities, and foraging corvids.

Red listed marsh tit, an uncommon breeder in the East Riding, were observed on the July and August visits, however they were not recorded during their breeding season which would indicate that they were moving through rather than breeding in the near vicinity of the transect. A further five uncommon breeders were recorded; barn owl, bullfinch, green woodpecker, lapwing and tree sparrow. The number of Birds of Conservation Concern represented 48% of the breeding assemblage, of which there were 52 species in total, this equates to County importance.

A rookery, with a maximum count of 55 occupied nests was recorded on the roadside plantations, this is an amber listed species which is site faithful to nesting locations. Raven was recorded flying over the survey area on two occasions, whilst this species was not considered to be breeding within the near vicinity of the survey corridor, this is a scarce breeder for the County and there may be possibility it will breed in future years if suitable nesting sites are present.

4.8 Transect 8

The assemblage recorded from Transect 8 was similar to that found in the adjacent Transect 7. The farmland bird assemblage was typical for the site, with the addition of yellow wagtail, which was not recorded in Transect 7. Lapwing were not recorded displaying any signs of breeding behaviour. The total of Birds of Conservation Concern represented 50% of the breeding assemblage.

Uncommon species for the East Riding were; barn owl, bullfinch, green woodpecker, lesser whitethroat, tree sparrow and yellow wagtail. The breeding assemblage totalled 50, which equates to County importance.

Much of the bird interest was concentrated within woodland or buildings. The majority of central field records pertained to skylark or foraging hirundines or gulls.

The information gathered during the desktop and field surveys suggest that area considered as potential FLL, which is bisected by Transect 8, does not provide suitable foraging/ breeding habitats or considered to be critical to, or necessary for, the ecological or behavioural functions in the breeding season of a qualifying feature for which the Humber Estuary SPA/ Ramsar site has been designated.

5 CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

5.1.1 *Designated Sites*

The majority of designated sites within 2km of the survey corridor are not designed for their bird interest and have not therefore been considered further in this report.

The Humber Estuary has four breeding Qualifying Features; marsh harrier, bittern, little tern and pied avocet. The site's habitats do not provide suitable foraging or breeding habitats for the latter three species, therefore there is unlikely to be an impact on FLL for these species. Whilst marsh harrier were confirmed breeding at the site, the site's habitats are unlikely to be functionally linked to the SPA breeding population of marsh harrier due to the distance and their typical home ranges.

The Greater Wash SPA is located immediately adjacent to the landfall location at the northern end of the survey corridor. The site is designated for its breeding sandwich tern, common tern and little tern. The site does not provide suitable breeding habitat for these species. Whilst common tern was recorded in association with the River Hull, which is dissected by the proposed cable route, the watercourse was not considered to be functionally linked to the SPA for common tern due to the distance.

Hornsea Mere SPA is located approximately 2.4km to the east of the survey corridor. This site is designated for non-breeding waterfowl species; therefore, this is not a consideration for the breeding season impacts and any potential FLL.

Pulfin Bog SSSI is located approximately 1.2km to the west of the survey corridor, due to the short-term nature of the works, and location outside of this site, it is unlikely that there will be any impacts to the site, or the birds associated with it.

5.1.2 *Species Assemblage*

A large number of species were recorded across the survey area; however, this is not exceptional for a survey area of this scale. When assessing breeding bird assemblages (those species categorised as possible, probable or confirmed breeders) across individual transect areas, the number of species ranged between 43 and 54, corresponding to populations of District or County level importance. It should be noted that, due to the linear nature of the survey transects, and variety of habitats traversed, this is likely to elevate the number of species recorded when compared to a typical, non-linear, survey area.

Amongst the red listed species recorded from the transect routes, eight farmland indicator birds were included. The presence of these species would usually indicate optimal habitat; however, these were generally recorded at low densities, and in some cases in specific locations only, which would imply that the habitats do not provide optimal conditions for breeding pairs of these species.

The presence of breeding marsh harrier, a Schedule 1 listed, “scarce” breeder in the East Riding area, was the most significant finding of the survey. Cetti’s warbler, also a Schedule 1 “scarce” breeder, was recorded along the River Hull. Barn owl was widespread being recorded from most transects. The remaining Schedule 1 species recorded, including peregrine, hobby were either possible or non-breeders.

Ten “uncommon” breeding species within the East Riding were recorded within the breeding assemblage; barn owl, gadwall, lapwing, lesser whitethroat, marsh tit, mute swan, nuthatch, reed warbler, tree sparrow and yellow wagtail. Barn owl was the most widespread of these species, followed by tree sparrow and yellow wagtail. The remaining species were recorded in discrete locations, primarily due to habitat requirements.

The results suggest an association between the number of species recorded and the diversity of habitats present, with transects including coastal areas or the River Hull/wide ditches, typically supporting a wider range.

The majority of the activity was related to field boundary features, such as hedgerows and ditches, however breeding skylark, lapwing and yellow wagtail were associated with field interiors along with species which were foraging, such as corvids and gulls.

5.2 Recommendations

Breeding bird habitat is present across the surveyed transect areas, the highest risk areas are the hedgerows, scrub and woodland areas as these support the highest concentration of birds. It is recommended that any areas which require removal are cleared prior to the nesting bird season, no later than end February. If this is not possible a suitably experienced ecologist must observe/search any suitable habitat no more than 48 hours prior to clearance.

All felled sections of hedgerows, scrub or woodland along the cable corridor should be replanted, where these habitats are felled and not able to be replanted due to substation structures, these should be replanted elsewhere on site. It is recommended that the opportunity is taken to increase the diversity of hedgerows when using replacement plants, as many hedgerows across the site are species poor.

A small number of ground nesting species were recorded, this included lapwing in discrete locations. Measures should be put in place to ensure nests are not impacted upon, this species is likely to re-use the same locations in successive years, therefore a check of known areas in February/March is prudent.

Skylark and yellow wagtail nest within arable field crops, in addition to reed bunting, these species were recorded at the majority of survey transects. Identifying exact nest locations is problematic and time consuming and removal of suitable habitat prior to the nesting season may not be possible, however efforts should be made to minimise the risk of destroying ground nests by visual observations by an ecologist.

The ditch networks also supported specific species such as reed bunting, yellowhammer and whitethroat which will nest within the tall herbs at the water’s edge/bank. On wider ditches sedge, reed and Cetti’s warbler were present. The same recommendation applies in relation to timing of impacts to these habitats.

This study also identified a number of sand martin colonies along the cliffs at Skipsea beach. As they nest in burrows created into sand cliffs, these structures are vulnerable to collapse from compaction and vibrations caused by machinery.

Sand martin *Riparia riparia* were recorded in the maritime cliff at the Landfall location. Works must start prior to the breeding season and alternative, artificial nesting locations provided if construction activities are expected to be undertaken during this period. Sand martins would then be monitored throughout the works at this location by a suitably qualified ornithologist. Artificial nesting boxes can be used in artificial cliffs or banks, the boxes are designed to replicate natural nesting. Deterrents can be set up prior to the breeding season, however they do not have a guaranteed success to deter sand martins from nesting.

5.2.1 Schedule 1 species

The presence of breeding Schedule 1 species; marsh harrier, barn owl and Cetti's warbler during the 2023 breeding season but may include additional species in future years, will require necessary precautions to avoid the risk of disturbing active nests and their dependant young for any proposed works during the nesting season. This should include establishing suitable buffers to the nests for the duration of the nesting attempt, where no works or personnel can enter. The size of the buffer will depend on the species, location of the nest and immediate surrounding vegetation. This may require additional survey effort to confirm breeding attempt(s) and monitoring visits throughout the nesting season to ensure there are no impacts which could impair the likelihood of successful breeding attempt.

[REDACTED]

As this species tends to arrive at breeding grounds early in the year, it is advised to avoid disturbance to this area in the late winter period (February/March) as well as during the breeding season itself, to prevent deterring breeding attempts. It is also recommended that the habitat used by this species is avoided, and undisturbed, to ensure it is available as a breeding site in future years.

Barn owl was widespread across the site and recorded from most transects. In some cases the nesting location was clear, such as in a tree or pole mounted box, or within a tree cavity, however, it was not possible to identify the nesting location for all probable pairs. Any trees which may need to be removed/impacted upon should be inspected for large cavities/boxes prior to the main nesting season for barn owl; ideally no later than February.

Cetti's warbler was recorded from Transects 4 and 5, in association with the River Hull reed fringes. Disturbance to any Cetti's warbler breeding habitat should be avoided.

Hobby was recorded at the site from Transects 4, 5 and 6. It was not recorded to display breeding behaviour; however, it is possible this species will breed within the corridor in future years. If any potential for hobby to nest is identified, further survey should be undertaken to confirm presence/likely absence.

Kingfisher was recorded from Transects 3 and 4. This species breeds within vertical river or ditch banks which are approximately 2m in height, which is a habitat feature generally lacking from the site corridor, however, any impacts to rivers or ditch banks should be preceded by a check for potential kingfisher burrows.

Peregrine was recorded from Transects 2, 6 and 8. Peregrine generally breed on cliff ledges, or on built structures and are not known to regularly breed within trees, where this does occur, they use old nests of other species such as raven. If any potential for peregrine to nest is identified, further survey should be undertaken to confirm presence/likely absence.

6 **REFERENCES**

Bird Survey Guidelines <https://birdsurveyguidelines.org/methods/survey-method/> Accessed 7th Feb 2023.

British Ornithologists' Union. (2017). The British List: A Checklist of Birds of Britain (9th edition). *Ibis* 160: 190-240.

British Standards Institution (2013) BS42020:2013 Biodiversity – code of practice for planning and development. BSI Standards Ltd, London

Chartered Institute of Ecology and Environmental Management (2013) *Competencies for Species Surveys in Britain and Ireland; Overview*. CIEEM, Winchester. Online [Available at] <http://www.cieem.net/competencies-for-species-survey-css->

Chartered Institute of Ecology and Environmental Management (2018) *Guidelines for Ecological Impact Assessment in the UK and Ireland: Terrestrial, Freshwater, Coastal and Marine*. Chartered Institute of Ecology and Environmental Management, Winchester.

Department for Communities and Local Government (2019) *The National Planning Policy Framework*. <http://www.communities.gov.uk/publications/planningandbuilding/nppf>

Dobbs, G., 2022. *Yorkshire Bird Report 2018/19*. Yorkshire Naturalists Union.

Fraser, A., Shepherd, P. and Mashedor, R (2003). *Local Sites in East Riding of Yorkshire – LWS Selection Criteria*.

Fuller R.,J. (1980). *A Method for Assessing the Ornithological Interest of Sites for Conservation*. Biological Conservation 17: 229-239

Hardey, J., Crick, H., Wernham, C, Riley, H., Etheredge, B., and Thompson, B. (2013) *Raptors: A Field Guide to Survey and Monitoring*. The Stationery Office.

Henderson, I. and Fuller, R. (2023). *Review of the Sites of Special Scientific Interest (SSSI) Selection Guidelines for Breeding Bird Assemblages*. The British Trust for Ornithology

Multi-Agency Geographic Information for the Countryside Website. <http://www.magic.gov.uk/>

[Peak Ecology \(2023\) Overwintering Bird Survey Report, Dogger Bank South Offshore Wind Farms](#)

Stanbury, A., Eaton, M., Aebischer, N., Balmer, D., Brown, A., Douse, A., Lindley, P., McCulloch, N., Noble, D., and Win, I. (2021) *The status of our bird populations: the fifth Birds of Conservation Concern in the United Kingdom, Channel Islands and Isle of Man and second IUCN Red List assessment of extinction risk for Great Britain*. British Birds 114: 723–747.

APPENDIX A: Protected and Priority Species

Legal protection is afforded to particular habitats and species (as well as designated sites), see Appendix B. The legislation, and the habitats and species listed, vary between the different jurisdictions. Certain habitats and species are also considered to have some level of nature conservation importance, due to factors such as their rarity, vulnerability or declining population/status. This document uses the term 'priority habitats' and 'priority species', as they are those which should be considered as priorities for conservation (it should not be confused with priority habitats and species as listed in the EU Habitats Directive). Priority habitats and species are defined as those which are:

- 1) listed as a national priority for conservation (such as those listed as habitats and species of principal importance for the conservation of biodiversity);
- 2) listed as a local priority for conservation, for example in the relevant local Biodiversity Action Plan (BAP);
- 3) Red Listed using International Union for the Conservation of Nature (IUCN) criteria (e.g. in an all-Ireland Red List, in one of the UK Species Status Project reviews, in the Species of Conservation Concern Red List, Birds of Conservation Concern in Wales, or BWI/ RSPB Red List for Ireland and Northern Ireland (Birds of Conservation Concern in Ireland 2014 to 2019) or, where a more recent assessment of the taxonomic group has not yet been undertaken, listed in a Red Data Book);
- 4) listed as Near Threatened or Amber Listed e.g. in an all-Ireland Red List, in one of the UK Species Status Project reviews, in Birds of Conservation Concern in Wales, in the Species of Conservation Concern Amber List or BirdWatch Ireland (BWI)/RSPB Amber List for Ireland and Northern Ireland (Birds of Conservation Concern in Ireland 2014 to 2019);
- 5) listed as a Nationally Rare or Nationally Scarce species (e.g. in one of the Species Status Project reviews) or listed as a Nationally Notable species where a more recent assessment of the taxonomic group has not yet been undertaken; and/or
- 6) endemic to a country or geographic location (it is appropriate to recognise endemic sub-species, phenotypes, or cultural behaviours of a population that are unique to a particular place).

Most protected species are also considered to be priority species, although there are some exceptions. There are numerous priority habitats and species which do not receive any legal protection.

Note that the terms 'priority habitat' and 'priority species' used in this document differ from the following uses of the same terms:

- a) These terms were previously used to denote those habitats and species afforded the highest level of priority for conservation under the UK BAP; this has been superseded by the lists of habitats and species of principal importance for the conservation of biodiversity in England under Section 41 of the Natural Environment and Rural Communities (NERC) Act 2006, Section 7 of the Environment (Wales) Act 2016, or their equivalents in Scotland (Nature Conservation (Scotland) Act 2004, Scotland's Biodiversity Strategy and the

Scottish Biodiversity List15) and Ireland (Actions for Biodiversity – Ireland’s National Biodiversity Plan 2017 -202116; and Valuing Nature – A Biodiversity Strategy for Northern Ireland to 2020).

- b) The terms ‘Priority Natural Habitat Type’ and ‘Priority Species’ are used to denote specific lists of habitats and species under The Conservation of Habitats and Species Regulations 2017; these are defined in Articles 1(d) and 1(h) respectively of the Habitats Directive.

APPENDIX B: Relevant Legislation

The following text provides information on the key legislation, which is applicable to this survey.

The main wildlife legislation in the UK is as follows:

The sections of UK legislation considered to be of relevance include:

- The Conservation (Natural Habitats, and c.) Regulations 2017 (as amended)

This transposes the Habitats Directive into national law. The Regulations provide for the designation and protection of 'European sites', and the protection of 'European protected species'.

- The Wildlife and Countryside Act 1981 (as amended) (WCA)

This consolidates and amends existing national legislation to implement the Convention on the Conservation of European Wildlife and Natural Habitats (Bern Convention) and Council Directive 79/409/EEC on the Conservation of Wild Birds (Birds Directive) in Great Britain.

- The Countryside and Rights of Way Act 2000 (CRoW)

This act strengthens wildlife enforcement legislation.

- The Protection of Badgers Act 1992

Species-Specific Legislation

Species specific legislation is provided in the Table below:

Species-Specific Wildlife Legislation

Feature/Species	Legislation	It is an offence to:
Breeding birds	Wildlife and Countryside Act 1981 (as amended). Countryside and Rights of Way Act 2000.	Kill; Injure; Take; any wild bird, their eggs or nest (with the exception of those on Sch. 2).
Specially protected birds	Sch. 1 Wildlife and Countryside Act 1981 (as amended).	As above but includes: Disturbing birds at their nest, or their dependent young.

In addition, species and habitats listed on the UK Post-2010 Biodiversity Framework (formally the UK BAP) are also considered. Details on these species and habitats can be found at: <http://jncc.defra.gov.uk/page-5705>.

Protected Sites

A network of protected sites, at varying levels, have been put in place across the UK. Further details are provided below;

International importance

- Natura 2000

Natura 2000 is the name of the European Union-wide network of nature conservation sites established under the EC Habitats and Birds Directives. This network will comprise Special Areas of Conservation (SACs) and SPAs.

- Special Areas of Conservation (SAC)

SACs are designated under the EC Habitats Directive. The Directive applies to the UK and the overseas territory of Gibraltar. SACs are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs in terrestrial areas and territorial marine waters out to 12 nautical miles are designated under the Conservation (Natural Habitats, &c.) Regulations 1994 (as amended). New and/or amended Habitats Regulations are shortly to be introduced to provide a mechanism for the designation of SACs and SPAs in UK offshore waters (from 12-200 nm).

National importance

- SSSI

The SSSI series has developed since 1949 as the national suite of sites providing statutory protection for the best examples of the UK's flora, fauna, or geological or physiographical features. Most SSSIs are privately-owned or managed; others are owned or managed by public bodies or non-government organisations. The SSSIs designation may extend into intertidal areas out to the jurisdictional limit of local authorities, generally Mean Low Water in England and Northern Ireland; Mean Low Water of Spring tides in Scotland. In Wales, the limit is Mean Low Water for SSSIs notified before 2002, and, for more recent notifications, the limit of Lowest Astronomical Tides, where the features of interest extend down to LAT. There is no provision for marine SSSIs beyond low water mark. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs have been renotified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and the Nature Conservation (Scotland) Act 2004.

Regional/local importance

- Wildlife Sites

Local authorities for any given area may designate certain areas as being of local conservation interest. The criteria for inclusion, and the level of protection provided, if any, may vary between areas. Most individual counties have a similar scheme, although they do vary. These sites, which may be given various titles such as 'Listed Wildlife Sites' (LWS), 'County Wildlife Sites' (CWS), 'Local Nature Conservation Sites' (LNCS), 'Sites of Importance for Nature Conservation' (SINCs), or Sites of Nature Conservation Importance' (SNICIs), together with statutory designations, are defined in local and structure plans under the Town and Country Planning system and are a material consideration when planning applications are being determined.

APPENDIX C: Categories of Breeding Bird Evidence

Class	Category of Evidence	Code
Non-breeding (NB)	Flying over	F
	Species observed but suspected to be still on migration	M
	Species observed but suspected to be summering non-breeder	U
	Observed in unsuitable nesting habitat	UH
Possible Breeding (PO)	Species observed in breeding season in possible nesting habitat	H
	Singing male present (or breeding calls heard) in breeding season in suitable breeding habitat	S
Probable Breeding (PR)	Pairs observed in suitable nesting habitat in breeding season	P
	Permanent territory presumed through registration of territorial behaviour (song etc) on at least two different days, a week apart, at the same place, or many individuals on one day.	T
	Display and courtship (judged to be near potential breeding habitat).	D
	Visiting probable nest site	N
	Agitated behaviour or anxiety calls from adults, suggesting probably presence of nest or young nearby	A
	Brood patch on adult examined in the hand, suggesting incubation	I
	Building nest or excavating nest-hole	B
Confirmed Breeding (C)	Distraction display or injury feigning	DD
	Used nest or egg shells found (occupied or laid within the survey period)	UN
	Recently fledged young (nidicolous species) or downy young (nidifugous species). Careful consideration should be given to the likely provenance of any fledged juvenile capable of significant geographical movement. Evidence of dependency on adults (e.g. feeding) is helpful.	FL
	Adults entering or leaving nest site in circumstances indicating occupied nest or adult sitting on nest	ON
	Adults carrying food for young or faecal sacs	FF
	Nests containing eggs	NE
	Nest with young seen or heard	NY

EOAC and BTO Guidelines (combined)

APPENDIX D: Full species list

For abbreviations see Appendix C

Table 15: Full results for Transect 1

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Arctic Tern	<i>Sterna paradisaea</i>	Migrant Breeder, Passage Visitor	U	F	NB
Barn owl	<i>Tyto alba</i>	Resident Breeder	U	H	PO
Blackbird	<i>Turdus merula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	A	P/A	PR
Blackcap	<i>Sylvia atricapilla</i>	Migrant Breeder, Passage/Winter Visitor	C	H	PO
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	F	NB
Blue tit	<i>Cyanistes caeruleus</i>	Resident Breeder, Winter Visitor	A	FL	C
Buzzard	<i>Buteo buteo</i>	Resident Breeder, Passage/Winter Visitor	FC	FF/FL	C
Canada Goose	<i>Branta canadensis</i>	Introduced Breeder, Accidental	FC (Feral)	H	PO
Carrion crow	<i>Corvus corone</i>	Resident Breeder, Winter Visitor	A	H	PO
Chaffinch	<i>Fringilla coelebs</i>	Resident Breeder, Passage/Winter Visitor	A	P	PR
Chiffchaff	<i>Phylloscopus collybita</i>	Migrant Breeder, Passage/Winter Visitor	C	FL	C
Coal tit	<i>Periparus ater</i>	Resident Breeder	C	FL	C
Collared dove	<i>Streptopelia decaocto</i>	Resident Breeder	C	H	PO
Common Gull	<i>Larus canus</i>	Migrant/Resident Breeder, Passage/ Winter Visitor	R	FL/M	NB
Common Sandpiper	<i>Actitis hypoleucos</i>	Migrant Breeder, Passage/Winter Visitor	U	M	NB
Common Scoter	<i>Melanitta nigra</i>	Resident/Migrant Breeder, Passage/Winter Visitor	FC	M	NB
Common Tern	<i>Sterna hirundo</i>	Migrant Breeder, Passage Visitor	S	F/M	NB
Cormorant	<i>Phalacrocorax carbo</i>	Migrant/Resident Breeder, Passage/Winter Visitor	S	F	NB
Dunnock	<i>Prunella modularis</i>	Resident Breeder, Passage/Winter Visitor	C	FL	C
Fulmar	<i>Fulmarus glacialis</i>	Migrant/Resident Breeder, Passage Visitor	FC	F	NB
Gannet	<i>Morus bassanus</i>	Migrant/Resident Breeder, Passage Visitor	U	F	NB
Golden Plover	<i>Pluvialis apricaria</i>	Migrant/Resident Breeder, Passage/Winter Visitor	U	<u>M</u>	NB
Goldfinch	<i>Carduelis carduelis</i>	Migrant/Resident Breeder	C	P	PR
Great crested grebe	<i>Podiceps cristatus</i>	Resident Breeder, Winter Visitor	U-S	M	NB

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Great tit	<i>Parus major</i>	Resident Breeder, Winter Visitor	A	FI	C
Greenfinch	<i>Chloris chloris</i>	Resident Breeder, Winter Visitor	C	H	PO
Grey Heron	<i>Ardea cinerea</i>	Resident Breeder, Winter Visitor	U	U	NB
Grey Partridge	<i>Perdix perdix</i>	Resident/Introduced Breeder	FC	P	PR
Grey Plover	<i>Pluvialis squatarola</i>	Passage/Winter Visitor	NB	M	NB
Grey Wagtail	<i>Motacilla cinerea</i>	Resident Breeder, Passage Visitor	U	M	NB
Greylag Goose	<i>Anser anser</i>	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	F	NB
Guillemot	<i>Uria aalge</i>	Migrant/Resident Breeder, Winter Visitor	FC	F/M	NB
Herring Gull	<i>Larus argentatus</i>	Resident Breeder, Passage/Winter Visitor	C	UH/M	NB
Jackdaw	<i>Corvus Monedula</i>	Resident Breeder, Winter Visitor	A	H	PO
Kestrel	<i>Falco Tinnunculus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Kittiwake	<i>Rissa tridactyla</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	F	NB
Lapwing	<i>Vanellus vanellus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	U	FL	C
Lesser Black-backed Gull	<i>Larus fuscus</i>	Migrant/Resident Breeder, Passage Visitor	U	U	NB
Lesser Whitethroat	<i>Sylvia Curruca</i>	Migrant Breeder, Passage Visitor	FC-U	H	PO
Linnet	<i>Linaria cannabina</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	A/P	PR
Little Grebe	<i>Tachybaptus ruficollis</i>	Migrant/Resident Breeder, Winter Visitor	U	M	NB
Magpie	<i>Pica pica</i>	Resident Breeder	C	P	PR
Mallard	<i>Anas platyrhynchos</i>	Introduced/Resident Breeder, Winter Visitor	FC	H	PO
Marsh Harrier	<i>Circus Aeruginosus</i>	Migrant/Resident Breeder, Passage Visitor	S	U	NB
Meadow Pipit	<i>Anthus pratensis</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	FF	C
Mute swan	<i>Cygnus olor</i>	Resident/Introduced Breeder	U	M	NB
Oystercatcher	<i>Haematopus ostralegus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	S	U	NB
Pheasant	<i>Phasianus Colchicus</i>	Introduced Breeder	C-A	P	PR
Pied wagtail	<i>Motacilla alba</i>	Migrant/Resident Breeder, Passage Visitor	C	H	PO
Razorbill	<i>Alca torda</i>	Migrant/Resident Breeder, Winter Visitor	FC	F	NB
Red-legged partridge	<i>Alectoris rufa</i>	Introduced Breeder	C	H	PO

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Redshank	<i>Tringa totanus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	U	M	NB
Red-throated Diver	<i>Gavia stellata</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	M	NB
Redwing	<i>Turdus iliacus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	NB	M	NB
Reed Bunting	<i>Emberiza schoeniclus</i>	Resident Breeder, Passage/Winter Visitor	FC	FF	C
Robin	<i>Erithacus rubecula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C-A	H	PO
Rook	<i>Corvus frugilegus</i>	Resident Breeder, Winter Visitor	A	H	PO
Sand Martin	<i>Riparia riparia</i>	Migrant Breeder, Passage Visitor	FC	ON	C
Sanderling	<i>Calidris alba</i>	Passage/Winter Visitor	FC	M	NB
Sandwich Tern	<i>Thalasseus sandvicensis</i>	Migrant Breeder, Passage Visitor	FC	M	NB
Sedge Warbler	<i>Acrocephalus schoenobaenus</i>	Migrant Breeder, Passage Visitor	FC	H	PO
Short-eared Owl	<i>Asio flammeus</i>	<u>Migrant/Resident Breeder, Passage/Winter Visitor</u>	R	F	NB
Skylark	<i>Alauda arvensis</i>	Resident Breeder, Passage/Winter Visitor	C	FF	C
Song Thrush	<i>Turdus philomelos</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	H	PO
Sparrowhawk	<i>Accipiter nisus</i>	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Starling	<i>Sturnus vulgaris</i>	Resident Breeder, Passage/Winter Visitor	A	H	PO
Stock Dove	<i>Columba oenas</i>	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Swallow	<i>Hirundo rustica</i>	Migrant Breeder, Passage Visitor	C	H	PO
Swift	<i>Apus apus</i>	Migrant Breeder, Passage Visitor	C	F	NB
Teal	<i>Anas crecca</i>	Resident Breeder, Passage/Winter Visitor	R	U/M	NB
Tree sparrow	<i>Passer montanus</i>	Resident Breeder, Passage Visitor	U	FL	C
Whinchat	<i>Saxicola rubetra</i>	Migrant Breeder, Passage Visitor	U	M	NB
Whitethroat	<i>Sylvia communis</i>	Migrant Breeder, Passage Visitor	FC-C	FL	C
Willow Warbler	<i>Phylloscopus trochilus</i>	Migrant Breeder, Passage Visitor	C-A	H	PO
Wood Pigeon	<i>Columba palumbus</i>	Resident Breeder, Winter Visitor	A	A/P	PR
Wren	<i>Troglodytes troglodytes</i>	Resident Breeder, Passage/Winter Visitor	A	T	PR
Yellow Wagtail	<i>Motacilla flava</i>	Migrant Breeder, Passage Visitor	U	FL/FF	C

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Yellowhammer	<i>Emberiza citrinella</i>	Resident Breeder, Passage/Winter Visitor	FC	FL/FF	C

Table 16: Full results for Transect 2

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Blackbird	<i>Turdus merula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	A	A	PR
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	F	NB
Blackcap	<i>Sylvia atricapilla</i>	Migrant Breeder, Passage/Winter Visitor	C	T	PR
Blue tit	<i>Cyanistes caeruleus</i>	Resident Breeder, Winter Visitor	A	ON	C
Bullfinch	<i>Pyrrhula pyrrhula</i>	Resident Breeder, Scarce Visitor	U	H	PO
Buzzard	<i>Buteo buteo</i>	Resident Breeder, Passage/Winter Visitor	FC	ON	C
Carrion crow	<i>Corvus corone</i>	Resident Breeder, Winter Visitor	A	P	PR
Chaffinch	<i>Fringilla coelebs</i>	Resident Breeder, Passage/Winter Visitor	A	FF	C
Chiffchaff	<i>Phylloscopus collybita</i>	Migrant Breeder, Passage/Winter Visitor	C	T	PR
Coal tit	<i>Parus ater</i>	Resident Breeder	C	P	PR
Collared dove	<i>Streptopelia decaocto</i>	Resident Breeder	C	H	PO
Common Gull	<i>Larus canus</i>	Migrant/Resident Breeder, Passage/ Winter Visitor	R	U	NB
Cormorant	<i>Phalacrocorax carbo</i>	Migrant/Resident Breeder, Passage/Winter Visitor	S	F	NB
Dunnock	<i>Prunella modularis</i>	Resident Breeder, Passage/Winter Visitor	C	T	PR
Goldfinch	<i>Carduelis carduelis</i>	Migrant/Resident Breeder	C	FL	C
Great spotted woodpecker	<i>Dendrocopos major</i>	Resident Breeder, Scarce Visitor	FC	H	PO
Great tit	<i>Parus major</i>	Resident Breeder, Winter Visitor	A	FL	C
Green woodpecker	<i>Picus viridis</i>	Resident Breeder	U	H	PO
Greenfinch	<i>Chloris chloris</i>	Resident Breeder, Winter Visitor	C	FL	C
Grey Heron	<i>Ardea cinerea</i>	Resident Breeder, Winter Visitor	U	F	NB
Grey Partridge	<i>Perdix perdix</i>	Resident/Introduced Breeder	FC	P	PR
Greylag Goose	<i>Anser anser</i>	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	U	NB

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Herring Gull	<i>Larus argentatus</i>	Resident Breeder, Passage/Winter Visitor	C	UH	NB
House Martin	<i>Delichon urbicum</i>	Migrant Breeder, Passage Visitor	C	P	PR
House Sparrow	<i>Passer domesticus</i>	Resident Breeder	A	P	PR
Jackdaw	<i>Corvus Monedula</i>	Resident Breeder, Winter Visitor	A	H	PO
Kestrel	<i>Falco Tinnunculus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Lesser Whitethroat	<i>Sylvia Curruca</i>	Migrant Breeder, Passage Visitor	FC-U	H	PO
Linnet	<i>Linaria cannabina</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	FL	C
Little egret	<i>Egretta garzetta</i>	Resident Breeder, Passage Visitor	<u>S</u>	<u>F</u>	<u>NB</u>
Long-tailed tit	<i>Aegithalos caudatus</i>	Resident Breeder	C	UH	NB
Magpie	<i>Pica pica</i>	Resident Breeder	C	H	PO
Mallard	<i>Anas platyrhynchos</i>	Introduced/Resident Breeder, Winter Visitor	FC	P	PR
Marsh Harrier	<i>Circus Aeruginosus</i>	Migrant/Resident Breeder, Passage Visitor	<u>S</u>	<u>F</u>	<u>NB</u>
Mistle thrush	<i>Turdus viscivorus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Moorhen	<i>Gallinula Chloropus</i>	Resident Breeder, Winter Visitor	C-A	UH	NB
Oystercatcher	<i>Haematopus ostralegus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	S	F	NB
Peregrine	<i>Falco peregrinus</i>	Resident Breeder, Passage/Winter Visitor	<u>S</u>	<u>F</u>	<u>NB</u>
Pheasant	<i>Phasianus Colchicus</i>	Introduced Breeder	C-A	H	PO
Pied wagtail	<i>Motacilla alba</i>	Migrant/Resident Breeder, Passage Visitor	C	FL	C
Redwing	<i>Turdus iliacus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	NB	M	NB
Reed Bunting	<i>Emberiza schoeniclus</i>	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Robin	<i>Erithacus rubecula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C-A	T	PR
Rook	<i>Corvus frugilegus</i>	Resident Breeder, Winter Visitor	A	H	PO
<u>Shoveler</u>	<u><i>Spatula clypeata</i></u>	<u>Migrant Breeder, Passage/Winter Visitor</u>	<u>S</u>	<u>UH</u>	<u>NB</u>
Skylark	<i>Alauda arvensis</i>	Resident Breeder, Passage/Winter Visitor	C	T	PB
Song Thrush	<i>Turdus philomelos</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	H	PO
Starling	<i>Sturnus vulgaris</i>	Resident Breeder, Passage/Winter Visitor	A	UH	NB

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Stock Dove	<i>Columba oenas</i>	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Swallow	<i>Hirundo rustica</i>	Migrant Breeder, Passage Visitor	C	ON	C
Teal	<i>Anas crecca</i>	Resident Breeder, Passage/Winter Visitor	R	UH	NB
Tree sparrow	<i>Passer montanus</i>	Resident Breeder, Passage Visitor	U	H	PO
Whitethroat	<i>Sylvia communis</i>	Migrant Breeder, Passage Visitor	FC-C	FL	C
Willow Warbler	<i>Phylloscopus trochilus</i>	Migrant Breeder, Passage Visitor	C-A	S	PO
Wood Pigeon	<i>Columba palumbus</i>	Resident Breeder, Winter Visitor	A	P	PB
Wren	<i>Troglodytes troglodytes</i>	Resident Breeder, Passage/Winter Visitor	A	ON	C
Yellow Wagtail	<i>Motacilla flava</i>	Migrant Breeder, Passage Visitor	U	FF	C
Yellowhammer	<i>Emberiza citrinella</i>	Resident Breeder, Passage/Winter Visitor	FC	FL	C

Table 17: Full of results for Transect 3

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Barn owl	<i>Tyto alba</i>	Resident Breeder	U	T	PR
Blackbird	<i>Turdus merula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	A	P/T	PR
Blackcap	<i>Sylvia atricapilla</i>	Migrant Breeder, Passage/Winter Visitor	C	A	PR
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	UH	NB
Blue tit	<i>Cyanistes caeruleus</i>	Resident Breeder, Winter Visitor	A	FL	C
Bullfinch	<i>Pyrrhula pyrrhula</i>	Resident Breeder, Scarce Visitor	U	H	PO
Buzzard	<i>Buteo buteo</i>	Resident Breeder, Passage/Winter Visitor	FC	FF	C
Canada Goose	<i>Branta canadensis</i>	Introduced Breeder, Accidental	FC (Feral)	UH	NB
Carrion crow	<i>Corvus corone</i>	Resident Breeder, Winter Visitor	A	H	PO
Chaffinch	<i>Fringilla coelebs</i>	Resident Breeder, Passage/Winter Visitor	A	T/P	PR
Chiffchaff	<i>Phylloscopus collybita</i>	Migrant Breeder, Passage/Winter Visitor	C	H	PO
Collared dove	<i>Streptopelia decaocto</i>	Resident Breeder	C	UH	NB
Common Gull	<i>Larus canus</i>	Migrant/Resident Breeder, Passage/ Winter Visitor	R	UH	NB

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Common Tern	<i>Sterna hirundo</i>	Migrant Breeder, Passage Visitor	S	F	NB
Coot	<i>Fulica atra</i>	Resident Breeder, Winter Visitor	FC	UH	NB
Corn Bunting	<i>Emberiza calandra</i>	Resident Breeder, Passage Visitor	U	M	NB
Duncock	<i>Prunella modularis</i>	Resident Breeder, Passage/Winter Visitor	C	T/P	PR
Feral pigeon	<i>Columba livia domestica</i>	Introduced/Resident Breeder	C	UH	NB
Gadwall	<i>Mareca strepera</i>	Migrant/Resident Breeder, Winter Visitor	U	FL	C
Goldcrest	<i>Regulus regulus</i>	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Goldfinch	<i>Carduelis carduelis</i>	Migrant/Resident Breeder	C	FL	C
Great spotted woodpecker	<i>Dendrocopos major</i>	Resident Breeder, Scarce Visitor	FC	H	PO
Great tit	<i>Parus major</i>	Resident Breeder, Winter Visitor	A	FL	C
Greenfinch	<i>Chloris chloris</i>	Resident Breeder, Winter Visitor	C	T	PR
Grey Heron	<i>Ardea cinerea</i>	Resident Breeder, Winter Visitor	U	F	NB
Grey Partridge	<i>Perdix perdix</i>	Resident/Introduced Breeder	FC	P	PR
Greylag Goose	<i>Anser anser</i>	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	P	PR
Herring Gull	<i>Larus argentatus</i>	Resident Breeder, Passage/Winter Visitor	C	F	NB
House Martin	<i>Delichon urbicum</i>	Migrant Breeder, Passage Visitor	C	P	PR
House Sparrow	<i>Passer domesticus</i>	Resident Breeder	A	P	PR
Jackdaw	<i>Corvus Monedula</i>	Resident Breeder, Winter Visitor	A	UH	NB
Kestrel	<i>Falco Tinnunculus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	FL	C
Kingfisher	<i>Alcedo Atthis</i>	Migrant/Resident Breeder	U-S	F	NB
Linnet	<i>Linaria cannabina</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	T/P	PR
Little egret	<i>Egretta garzetta</i>	Resident Breeder, Passage Visitor	<u>S</u>	<u>F</u>	<u>NB</u>
Long-tailed tit	<i>Aegithalos caudatus</i>	Resident Breeder	C	H	PO
Magpie	<i>Pica pica</i>	Resident Breeder	C	H	PO
Marsh Harrier	<i>Circus Aeruginosus</i>	Migrant/Resident Breeder, Passage Visitor	<u>S</u>	<u>F</u>	<u>NB</u>
Mallard	<i>Anas platyrhynchos</i>	Introduced/Resident Breeder, Winter Visitor	FC	FL	C
Meadow Pipit	<i>Anthus pratensis</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	T	PR

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Moorhen	<i>Gallinula Chloropus</i>	Resident Breeder, Winter Visitor	C-A	UH	NB
Mute swan	<i>Cygnus olor</i>	Resident/Introduced Breeder	U	UH	NB
Oystercatcher	<i>Haematopus ostralegus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	S	P	NB
Pheasant	<i>Phasianus Colchicus</i>	Introduced Breeder	C-A	H	PO
Pied wagtail	<i>Motacilla alba</i>	Migrant/Resident Breeder, Passage Visitor	C	F	NB
Pink-footed Goose	<i>Anser brachyrhynchus</i>	Winter Migrant	NB	U	NB
Red-legged partridge	<i>Alectoris rufa</i>	Introduced Breeder	C	FL	C
Redwing	<i>Turdus iliacus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	NB	F	NB
Reed Bunting	<i>Emberiza schoeniclus</i>	Resident Breeder, Passage/Winter Visitor	FC	FL	C
Robin	<i>Erithacus rubecula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C-A	T	PR
Rook	<i>Corvus frugilegus</i>	Resident Breeder, Winter Visitor	A	F	NB
Sand Martin	<i>Riparia riparia</i>	Migrant Breeder, Passage Visitor	FC	F	NB
Shelduck	<i>Tadorna tadorna</i>	Migrant/Resident Breeder, Winter Visitor	U	F	NB
Skylark	<i>Alauda arvensis</i>	Resident Breeder, Passage/Winter Visitor	C	T/D	PR
Song Thrush	<i>Turdus philomelos</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	UH	NB
Starling	<i>Sturnus vulgaris</i>	Resident Breeder, Passage/Winter Visitor	A	H	PO
Stock Dove	<i>Columba oenas</i>	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Swallow	<i>Hirundo rustica</i>	Migrant Breeder, Passage Visitor	C	H	PO
Tawny Owl	<i>Strix aluco</i>	Resident Breeder	FC	H	PO
Teal	<i>Anas crecca</i>	Resident Breeder, Passage/Winter Visitor	R	H	PO
Tree sparrow	<i>Passer montanus</i>	Resident Breeder, Passage Visitor	U	H	PO
Whitethroat	<i>Sylvia communis</i>	Migrant Breeder, Passage Visitor	FC-C	T	PR
Willow Warbler	<i>Phylloscopus trochilus</i>	Migrant Breeder, Passage Visitor	C-A	H	PO
Wood Pigeon	<i>Columba palumbus</i>	Resident Breeder, Winter Visitor	A	P	PR
Wren	<i>Troglodytes troglodytes</i>	Resident Breeder, Passage/Winter Visitor	A	A	PR
Yellow Wagtail	<i>Motacilla flava</i>	Migrant Breeder, Passage Visitor	U	ON	C

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Yellowhammer	<i>Emberiza citrinella</i>	Resident Breeder, Passage/Winter Visitor	FC	P	PR

Table 18: Full of results for Transect 4

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Barn owl	<i>Tyto alba</i>	Resident Breeder	U	ON	C
Blackbird	<i>Turdus merula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	A	FF	C
Blackcap	<i>Sylvia atricapilla</i>	Migrant Breeder, Passage/Winter Visitor	C	T	PR
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	F	NB
Blue tit	<i>Cyanistes caeruleus</i>	Resident Breeder, Winter Visitor	A	A/T	PR
Bullfinch	<i>Pyrrhula pyrrhula</i>	Resident Breeder, Scarce Visitor	U	H	PO
Buzzard	<i>Buteo buteo</i>	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Carrion crow	<i>Corvus corone</i>	Resident Breeder, Winter Visitor	A	P	PR
Cetti's Warbler	<i>Cettia cetti</i>	Resident Breeder, Passage Visitor	S	H/S	PO
Chaffinch	<i>Fringilla coelebs</i>	Resident Breeder, Passage/Winter Visitor	A	N	PR
Chiffchaff	<i>Phylloscopus collybita</i>	Migrant Breeder, Passage/Winter Visitor	C	T	PR
Coal tit	<i>Parus ater</i>	Resident Breeder	C	FF	C
Collared dove	<i>Streptopelia decaocto</i>	Resident Breeder	C	F	NB
Common Gull	<i>Larus canus</i>	Migrant/Resident Breeder, Passage/ Winter Visitor	R	F	NB
Common Tern	<i>Sterna hirundo</i>	Migrant Breeder, Passage Visitor	S	F	NB
Cormorant	<i>Phalacrocorax carbo</i>	Migrant/Resident Breeder, Passage/Winter Visitor	S	F	NB
Dunnock	<i>Prunella modularis</i>	Resident Breeder, Passage/Winter Visitor	C	T	PR
Fieldfare	<i>Turdus pilaris</i>	Scarce Breeder, Passage/Winter Visitor	<u>NB</u>	<u>M</u>	<u>NB</u>
Gadwall	<i>Mareca strepera</i>	Migrant/Resident Breeder, Winter Visitor	U	UH	NB
Garden Warbler	<i>Sylvia borin</i>	Migrant Breeder, Passage Visitor	C	H	PO
Goldcrest	<i>Regulus regulus</i>	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Golden Plover	<i>Pluvialis apricaria</i>	Migrant/Resident Breeder, Passage/Winter Visitor	U	M	NB

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Goldfinch	<i>Carduelis carduelis</i>	Migrant/Resident Breeder	C	T	PO
Great crested grebe	<i>Podiceps cristatus</i>	Resident Breeder, Winter Visitor	UC-S	F	NB
Great spotted woodpecker	<i>Dendrocopos major</i>	Resident Breeder, Scarce Visitor	FC	H	PO
Great tit	<i>Parus major</i>	Resident Breeder, Winter Visitor	A	FL	C
Greenfinch	<i>Chloris chloris</i>	Resident Breeder, Winter Visitor	C	H	PO
Grey Heron	<i>Ardea cinerea</i>	Resident Breeder, Winter Visitor	U	F	NB
Grey Partridge	<i>Perdix perdix</i>	Resident/Introduced Breeder	FC	P	PR
Greylag Goose	<i>Anser anser</i>	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	F	NB
Herring Gull	<i>Larus argentatus</i>	Resident Breeder, Passage/Winter Visitor	C	UH	NB
Hobby	<i>Falco subbuteo</i>	Migrant Breeder, Passage Visitor	S	H	PO
House Martin	<i>Delichon urbicum</i>	Migrant Breeder, Passage Visitor	C	UH	NB
Jackdaw	<i>Corvus Monedula</i>	Resident Breeder, Winter Visitor	A	H	PO
Jay	<i>Garrulus Glandarius</i>	Resident Breeder	FC	H	PO
Kestrel	<i>Falco Tinnunculus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Kingfisher	<i>Alcedo Atthis</i>	Migrant/Resident Breeder	U-S	H	PO
Lapwing	<i>Vanellus vanellus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	U	FL	C
Lesser Black-backed Gull	<i>Larus fuscus</i>	Migrant/Resident Breeder, Passage Visitor	U	UH	NB
Lesser Whitethroat	<i>Sylvia Curruca</i>	Migrant Breeder, Passage Visitor	FC-U	S	PO
Linnet	<i>Linaria cannabina</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	FL	C
Little egret	<i>Egretta garzetta</i>	Resident Breeder, Passage Visitor	S	UH	NB
Long-tailed tit	<i>Aegithalos caudatus</i>	Resident Breeder	C	H	PO
Magpie	<i>Pica pica</i>	Resident Breeder	C	T	PR
Mallard	<i>Anas platyrhynchos</i>	Introduced/Resident Breeder, Winter Visitor	FC	P	PR
Marsh Harrier	<i>Circus Aeruginosus</i>	Migrant/Resident Breeder, Passage Visitor	S	FF	C
Meadow Pipit	<i>Anthus pratensis</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	H	PO
Mistle thrush	<i>Turdus viscivorus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Moorhen	<i>Gallinula Chloropus</i>	Resident Breeder, Winter Visitor	C-A	T	PR

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Mute swan	<i>Cygnus olor</i>	Resident/Introduced Breeder	U	P	PR
Pheasant	<i>Phasianus Colchicus</i>	Introduced Breeder	C-A	FL	C
Pied wagtail	<i>Motacilla alba</i>	Migrant/Resident Breeder, Passage Visitor	C	P	PR
Red-legged partridge	<i>Alectoris rufa</i>	Introduced Breeder	C	H	PO
Redwing	<i>Turdus iliacus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	NB	M	NB
Reed Bunting	<i>Emberiza schoeniclus</i>	Resident Breeder, Passage/Winter Visitor	FC	FL	C
Reed warbler	<i>Acrocephalus scirpaceus</i>	Migrant Breeder, Passage Visitor	U	S	PO
Robin	<i>Erithacus rubecula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C-A	T	PR
Rook	<i>Corvus frugilegus</i>	Resident Breeder, Winter Visitor	A	H	PO
Sedge Warbler	<i>Acrocephalus schoenobaenus</i>	Migrant Breeder, Passage Visitor	FC	T	PR
Siskin	<i>Spinus spinus</i>	Resident Breeder, Passage/Winter Visitor	S	F	NB
Skylark	<i>Alauda arvensis</i>	Resident Breeder, Passage/Winter Visitor	C	FL	C
Song Thrush	<i>Turdus philomelos</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	S	PO
Sparrowhawk	<i>Accipiter nisus</i>	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Starling	<i>Sturnus vulgaris</i>	Resident Breeder, Passage/Winter Visitor	A	H	PO
Stock Dove	<i>Columba oenas</i>	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Swallow	<i>Hirundo rustica</i>	Migrant Breeder, Passage Visitor	C	UH	NB
Swift	<i>Apus apus</i>	Migrant Breeder, Passage Visitor	C	UH	NB
Whitethroat	<i>Sylvia communis</i>	Migrant Breeder, Passage Visitor	FC-C	FL	C
Whooper Swan	<i>Cygnus cygnus</i>	Scarce Breeder, Winter Migrant	NB	F	NB
<u>Wigeon</u>	<u><i>Anas Penelope</i></u>	<u>Resident Breeder, Winter Visitor</u>	R	F	NB
Willow Warbler	<i>Phylloscopus trochilus</i>	Migrant Breeder, Passage Visitor	C-A	S	PO
Wood Pigeon	<i>Columba palumbus</i>	Resident Breeder, Winter Visitor	A	P	PR
Wren	<i>Troglodytes troglodytes</i>	Resident Breeder, Passage/Winter Visitor	A	FF	C
Yellow Wagtail	<i>Motacilla flava</i>	Migrant Breeder, Passage Visitor	U	ON	C

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Yellowhammer	<i>Emberiza citrinella</i>	Resident Breeder, Passage/Winter Visitor	FC	FL	C

Table 19: Full of results for Transect 5

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Barn owl	<i>Tyto alba</i>	Resident Breeder	U	H	PO
Blackbird	<i>Turdus merula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	A	FF	C
Blackcap	<i>Sylvia atricapilla</i>	Migrant Breeder, Passage/Winter Visitor	C	T	PR
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	UH	NB
Blue tit	<i>Cyanistes caeruleus</i>	Resident Breeder, Winter Visitor	A	FL	C
Bullfinch	<i>Pyrrhula pyrrhula</i>	Resident Breeder, Scarce Visitor	U	P	PR
Buzzard	<i>Buteo buteo</i>	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Carrion crow	<i>Corvus corone</i>	Resident Breeder, Winter Visitor	A	ON	C
Cetti's Warbler	<i>Cettia cetti</i>	Resident Breeder, Passage Visitor	S	S	PO
Chaffinch	<i>Fringilla coelebs</i>	Resident Breeder, Passage/Winter Visitor	A	ON	C
Chiffchaff	<i>Phylloscopus collybita</i>	Migrant Breeder, Passage/Winter Visitor	C	T	PR
Collared dove	<i>Streptopelia decaocto</i>	Resident Breeder	C	P	PR
Common Gull	<i>Larus canus</i>	Migrant/Resident Breeder, Passage/ Winter Visitor	R	F	NB
Cormorant	<i>Phalacrocorax carbo</i>	Migrant/Resident Breeder, Passage/Winter Visitor	S	UH	NB
Dunnock	<i>Prunella modularis</i>	Resident Breeder, Passage/Winter Visitor	C	T	PR
Gadwall	<i>Mareca strepera</i>	Migrant/Resident Breeder, Winter Visitor	U	A	PR
Garden Warbler	<i>Sylvia borin</i>	Migrant Breeder, Passage Visitor	C	S	PO
Goldcrest	<i>Regulus regulus</i>	Resident Breeder, Passage/Winter Visitor	FC	S	PO
Golden Plover	<i>Pluvialis apricaria</i>	Migrant/Resident Breeder, Passage/Winter Visitor	U	F	NB
Goldfinch	<i>Carduelis carduelis</i>	Migrant/Resident Breeder	C	FL	C
Great Black-backed Gull	<i>Larus marinus</i>	Resident Breeder, Winter Visitor	R	UH	NB
Great tit	<i>Parus major</i>	Resident Breeder, Winter Visitor	A	P	PR

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Green sandpiper	<i>Tringa ochropus</i>	Scarce Breeder, Passage/Winter Visitor	U	F	NB
Greenfinch	<i>Chloris chloris</i>	Resident Breeder, Winter Visitor	C	T	PR
Grey Heron	<i>Ardea cinerea</i>	Resident Breeder, Winter Visitor	U	UH	NB
Grey Partridge	<i>Perdix perdix</i>	Resident/Introduced Breeder	FC	P	PR
Herring Gull	<i>Larus argentatus</i>	Resident Breeder, Passage/Winter Visitor	C	UH	NB
Jackdaw	<i>Corvus Monedula</i>	Resident Breeder, Winter Visitor	A	T	PR
Kestrel	<i>Falco Tinnunculus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Lapwing	<i>Vanellus vanellus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	U	ON	C
Lesser Black-backed Gull	<i>Larus fuscus</i>	Migrant/Resident Breeder, Passage Visitor	U	F	NB
Lesser Whitethroat	<i>Sylvia Curruca</i>	Migrant Breeder, Passage Visitor	FC-U	S	PO
Linnet	<i>Linaria cannabina</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	FL	C
Little egret	<i>Egretta garzetta</i>	Resident Breeder, Passage Visitor	S	F	NB
Long-tailed tit	<i>Aegithalos caudatus</i>	Resident Breeder	C	FL	C
Magpie	<i>Pica pica</i>	Resident Breeder	C	FL	C
Mallard	<i>Anas platyrhynchos</i>	Introduced/Resident Breeder, Winter Visitor	FC	T	PR
Marsh Harrier	<i>Circus Aeruginosus</i>	Migrant/Resident Breeder, Passage Visitor	S	ON	C
Meadow Pipit	<i>Anthus pratensis</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	FF	C
Moorhen	<i>Gallinula Chloropus</i>	Resident Breeder, Winter Visitor	C-A	H	PO
Mute swan	<i>Cygnus olor</i>	Resident/Introduced Breeder	U	H	PO
Pheasant	<i>Phasianus Colchicus</i>	Introduced Breeder	C-A	P	PR
Pied wagtail	<i>Motacilla alba</i>	Migrant/Resident Breeder, Passage Visitor	C	F	NB
Reed Bunting	<i>Emberiza schoeniclus</i>	Resident Breeder, Passage/Winter Visitor	FC	FL	C
Robin	<i>Erithacus rubecula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C-A	T	PR
Rook	<i>Corvus frugilegus</i>	Resident Breeder, Winter Visitor	A	H	PO
Sedge Warbler	<i>Acrocephalus schoenobaenus</i>	Migrant Breeder, Passage Visitor	FC	T	PR
Shelduck	<i>Tadorna tadorna</i>	Migrant/Resident Breeder, Winter Visitor	U	F	NB
Shoveler	<i>Spatula clypeata</i>	Migrant Breeder, Passage/Winter Visitor	S	P	PR

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Skylark	<i>Alauda arvensis</i>	Resident Breeder, Passage/Winter Visitor	C	T	PR
Snipe	<i>Gallinago gallinago</i>	Migrant/Resident Breeder, Passage/Winter Visitor	S	H	PO
Song Thrush	<i>Turdus philomelos</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	FL	C
Sparrowhawk	<i>Accipiter nisus</i>	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Starling	<i>Sturnus vulgaris</i>	Resident Breeder, Passage/Winter Visitor	A	T	PR
Stock Dove	<i>Columba oenas</i>	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Swallow	<i>Hirundo rustica</i>	Migrant Breeder, Passage Visitor	C	UH	NB
Swift	<i>Apus apus</i>	Migrant Breeder, Passage Visitor	C	UH	NB
Teal	<i>Anas crecca</i>	Resident Breeder, Passage/Winter Visitor	R	P	PR
Tree sparrow	<i>Passer montanus</i>	Resident Breeder, Passage Visitor	U	H	PO
Whitethroat	<i>Sylvia communis</i>	Migrant Breeder, Passage Visitor	FC-C	FL	C
Willow Warbler	<i>Phylloscopus trochilus</i>	Migrant Breeder, Passage Visitor	C-A	S	PO
Wood Pigeon	<i>Columba palumbus</i>	Resident Breeder, Winter Visitor	A	T	PR
Wren	<i>Troglodytes troglodytes</i>	Resident Breeder, Passage/Winter Visitor	A	A	PR
Yellow Wagtail	<i>Motacilla flava</i>	Migrant Breeder, Passage Visitor	U	T	PR
Yellowhammer	<i>Emberiza citrinella</i>	Resident Breeder, Passage/Winter Visitor	FC	FL	C

Table 20: Full of results for Transect 6

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Blackbird	<i>Turdus merula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	A	FL	C
Blackcap	<i>Sylvia atricapilla</i>	Migrant Breeder, Passage/Winter Visitor	C	T	PR
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	UH	NB
Blue tit	<i>Cyanistes caeruleus</i>	Resident Breeder, Winter Visitor	A	FL	C
Bullfinch	<i>Pyrrhula pyrrhula</i>	Resident Breeder, Scarce Visitor	U	T	PR
Buzzard	<i>Buteo buteo</i>	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Carrion crow	<i>Corvus corone</i>	Resident Breeder, Winter Visitor	A	FL	C

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Chaffinch	<i>Fringilla coelebs</i>	Resident Breeder, Passage/Winter Visitor	A	ON	C
Chiffchaff	<i>Phylloscopus collybita</i>	Migrant Breeder, Passage/Winter Visitor	C	FL	C
Coal tit	<i>Periparus ater</i>	Resident Breeder	C	T	PR
Common Gull	<i>Larus canus</i>	Migrant/Resident Breeder, Passage/ Winter Visitor	R	U/UH	NB
Dunnock	<i>Prunella modularis</i>	Resident Breeder, Passage/Winter Visitor	C	P/T	PR
Fieldfare	<i>Turdus pilaris</i>	Scarce Breeder, Passage/Winter Visitor	NB	M	NB
Goldcrest	<i>Regulus regulus</i>	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Goldfinch	<i>Carduelis carduelis</i>	Migrant/Resident Breeder	C	FL	C
Great spotted woodpecker	<i>Dendrocopos major</i>	Resident Breeder, Scarce Visitor	FC	H	PO
Great tit	<i>Parus major</i>	Resident Breeder, Winter Visitor	A	A	PR
Green woodpecker	<i>Picus viridis</i>	Resident Breeder	U	H	PR
Greenfinch	<i>Chloris chloris</i>	Resident Breeder, Winter Visitor	C	T	PR
Grey Partridge	<i>Perdix perdix</i>	Resident/Introduced Breeder	FC	P	PR
Greylag Goose	<i>Anser anser</i>	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	H	PO
Herring Gull	<i>Larus argentatus</i>	Resident Breeder, Passage/Winter Visitor	C	UH	NB
Hobby	<i>Falco subbuteo</i>	Migrant Breeder, Passage Visitor	S	H	PO
House Martin	<i>Delichon urbicum</i>	Migrant Breeder, Passage Visitor	C	F	NB
House Sparrow	<i>Passer domesticus</i>	Resident Breeder	A	UH	NB
Jackdaw	<i>Corvus Monedula</i>	Resident Breeder, Winter Visitor	A	H	PO
Jay	<i>Garrulus Glandarius</i>	Resident Breeder	FC	H	PO
Kestrel	<i>Falco Tinnunculus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	F	NB
Lesser Black-backed Gull	<i>Larus fuscus</i>	Migrant/Resident Breeder, Passage Visitor	U	UH	NB
Lesser Whitethroat	<i>Sylvia Curruca</i>	Migrant Breeder, Passage Visitor	FC-U	H	PO
Linnet	<i>Linaria cannabina</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	FF	C
Long-tailed tit	<i>Aegithalos caudatus</i>	Resident Breeder	C	T	PR
Magpie	<i>Pica pica</i>	Resident Breeder	C	ON	C
Mallard	<i>Anas platyrhynchos</i>	Introduced/Resident Breeder, Winter Visitor	FC	FL	C

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Meadow Pipit	<i>Anthus pratensis</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	T	PR
Mistle thrush	<i>Turdus viscivorus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Moorhen	<i>Gallinula Chloropus</i>	Resident Breeder, Winter Visitor	C-A	FL	C
Nuthatch	<i>Sitta europaea</i>	Resident Breeder	U-FC	H	PO
Oystercatcher	<i>Haematopus ostralegus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	S	F	NB
Peregrine	<i>Falco peregrinus</i>	Resident Breeder, Passage/Winter Visitor	<u>S</u>	F	NB
Pheasant	<i>Phasianus Colchicus</i>	Introduced Breeder	C-A	FL	C
Pied wagtail	<i>Motacilla alba</i>	Migrant/Resident Breeder, Passage Visitor	C	H	PO
Red-legged partridge	<i>Alectoris rufa</i>	Introduced Breeder	C	H	PO
Redwing	<i>Turdus iliacus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	NB	M	NB
Reed Bunting	<i>Emberiza schoeniclus</i>	Resident Breeder, Passage/Winter Visitor	FC	B	PR
Robin	<i>Erithacus rubecula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C-A	T	PR
Rook	<i>Corvus frugilegus</i>	Resident Breeder, Winter Visitor	A	H	PO
Sedge Warbler	<i>Acrocephalus schoenobaenus</i>	Migrant Breeder, Passage Visitor	FC	H	PO
Skylark	<i>Alauda arvensis</i>	Resident Breeder, Passage/Winter Visitor	C	FF	C
Snipe	<i>Gallinago gallinago</i>	Migrant/Resident Breeder, Passage/Winter Visitor	S	UH	NB
Song Thrush	<i>Turdus philomelos</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	T	PR
Sparrowhawk	<i>Accipiter nisus</i>	Resident Breeder, Passage/Winter Visitor	FC	FL	C
Starling	<i>Sturnus vulgaris</i>	Resident Breeder, Passage/Winter Visitor	A	FL	C
Stock Dove	<i>Columba oenas</i>	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Swallow	<i>Hirundo rustica</i>	Migrant Breeder, Passage Visitor	C	H	PO
Tawny Owl	<i>Strix aluco</i>	Resident Breeder	FC	H	PO
Treecreeper	<i>Certhia familiaris</i>	Resident Breeder	FC	H	PO
Whitethroat	<i>Sylvia communis</i>	Migrant Breeder, Passage Visitor	FC-C	B	PR
<u>Wigeon</u>	<u><i>Anas Penelope</i></u>	<u>Resident Breeder, Winter Visitor</u>	<u>R</u>	A	PR
Willow Warbler	<i>Phylloscopus trochilus</i>	Migrant Breeder, Passage Visitor	C-A	H	PO
Wood Pigeon	<i>Columba palumbus</i>	Resident Breeder, Winter Visitor	A	P	PR

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Wren	<i>Troglodytes troglodytes</i>	Resident Breeder, Passage/Winter Visitor	A	T	PR
Yellow Wagtail	<i>Motacilla flava</i>	Migrant Breeder, Passage Visitor	U	T/P	PR
Yellowhammer	<i>Emberiza citrinella</i>	Resident Breeder, Passage/Winter Visitor	FC	FF	C

Table 21: Full of results for Transect 7

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Barn owl	<i>Tyto alba</i>	Resident Breeder	U	H	PO
Blackbird	<i>Turdus merula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	A	FL/FF	C
Blackcap	<i>Sylvia atricapilla</i>	Migrant Breeder, Passage/Winter Visitor	C	FL	C
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	U	NB
Blue tit	<i>Cyanistes caeruleus</i>	Resident Breeder, Winter Visitor	A	FL	C
Bullfinch	<i>Pyrrhula pyrrhula</i>	Resident Breeder, Scarce Visitor	U	H	PO
Buzzard	<i>Buteo buteo</i>	Resident Breeder, Passage/Winter Visitor	FC	FL	C
Carrion crow	<i>Corvus corone</i>	Resident Breeder, Winter Visitor	A	P	PR
Chaffinch	<i>Fringilla coelebs</i>	Resident Breeder, Passage/Winter Visitor	A	FL	C
Chiffchaff	<i>Phylloscopus collybita</i>	Migrant Breeder, Passage/Winter Visitor	C	FL	C
Coal tit	<i>Periparus ater</i>	Resident Breeder	C	FL	C
Collared dove	<i>Streptopelia decaocto</i>	Resident Breeder	C	H	PO
Common Gull	<i>Larus canus</i>	Migrant/Resident Breeder, Passage/ Winter Visitor	R	M	NB
Cormorant	<i>Phalacrocorax carbo</i>	Migrant/Resident Breeder, Passage/Winter Visitor	S	F	NB
Curlew	<i>Numenius arquata</i>	Migrant/Resident Breeder, Passage/Winter Visitor	U	M	NB
Dunnock	<i>Prunella modularis</i>	Resident Breeder, Passage/Winter Visitor	C	T	PR
Fieldfare	<i>Turdus pilaris</i>	Scarce Breeder, Passage/Winter Visitor	NB	M	NB
Goldcrest	<i>Regulus regulus</i>	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Goldfinch	<i>Carduelis carduelis</i>	Migrant/Resident Breeder	C	T	PR
Great spotted woodpecker	<i>Dendrocopos major</i>	Resident Breeder, Scarce Visitor	FC	FL	C
Great tit	<i>Parus major</i>	Resident Breeder, Winter Visitor	A	FL	C

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Green woodpecker	<i>Picus viridis</i>	Resident Breeder	U	H	PO
Greenfinch	<i>Chloris chloris</i>	Resident Breeder, Winter Visitor	C	P	PR
Grey Partridge	<i>Perdix perdix</i>	Resident/Introduced Breeder	FC	P	PR
Greylag Goose	<i>Anser anser</i>	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	P	PR
Herring Gull	<i>Larus argentatus</i>	Resident Breeder, Passage/Winter Visitor	C	U/M	NB
House Martin	<i>Delichon urbicum</i>	Migrant Breeder, Passage Visitor	C	H	PO
House Sparrow	<i>Passer domesticus</i>	Resident Breeder	A	H	PO
Jackdaw	<i>Corvus Monedula</i>	Resident Breeder, Winter Visitor	A	H	PO
Jay	<i>Garrulus Glandarius</i>	Resident Breeder	FC	H	PO
Kestrel	<i>Falco Tinnunculus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Lapwing	<i>Vanellus vanellus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	U	P	PR
Lesser Black-backed Gull	<i>Larus fuscus</i>	Migrant/Resident Breeder, Passage Visitor	U	U/M	NB
Lesser Whitethroat	<i>Sylvia Curruca</i>	Migrant Breeder, Passage Visitor	FC-U	H	PO
Linnet	<i>Linaria cannabina</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	P	PR
Long-tailed tit	<i>Aegithalos caudatus</i>	Resident Breeder	C	P	PR
Magpie	<i>Pica pica</i>	Resident Breeder	C	FL	C
Mallard	<i>Anas platyrhynchos</i>	Introduced/Resident Breeder, Winter Visitor	FC	P	PR
Marsh Harrier	<i>Circus Aeruginosus</i>	Migrant/Resident Breeder, Passage Visitor	<u>S</u>	<u>UH</u>	<u>NB</u>
Marsh Tit	<i>Poecile palustris</i>	Resident Breeder	U	H	PO
Meadow Pipit	<i>Anthus pratensis</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	U	NB
Mistle thrush	<i>Turdus viscivorus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	P	PR
Pheasant	<i>Phasianus Colchicus</i>	Introduced Breeder	C-A	H	PO
Pied wagtail	<i>Motacilla alba</i>	Migrant/Resident Breeder, Passage Visitor	C	H	PO
Raven	<i>Corvus corax</i>	Resident Breeder	S	F	NB
Red-legged partridge	<i>Alectoris rufa</i>	Introduced Breeder	C	P	PR
Redwing	<i>Turdus iliacus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	NB	M	NB
Reed Bunting	<i>Emberiza schoeniclus</i>	Resident Breeder, Passage/Winter Visitor	FC	H	PO

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Robin	<i>Erithacus rubecula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C-A	FL	C
Rook	<i>Corvus frugilegus</i>	Resident Breeder, Winter Visitor	A	ON	C
Siskin	<i>Spinus spinus</i>	Resident Breeder, Passage/Winter Visitor	S	H	PO
Skylark	<i>Alauda arvensis</i>	Resident Breeder, Passage/Winter Visitor	C	FL	C
Song Thrush	<i>Turdus philomelos</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	H	PO
Sparrowhawk	<i>Accipiter nisus</i>	Resident Breeder, Passage/Winter Visitor	FC	H	PO
Starling	<i>Sturnus vulgaris</i>	Resident Breeder, Passage/Winter Visitor	A	FL/FF	C
Stock Dove	<i>Columba oenas</i>	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Swallow	<i>Hirundo rustica</i>	Migrant Breeder, Passage Visitor	C	P/T	PR
Swift	<i>Apus apus</i>	Migrant Breeder, Passage Visitor	C	F	NB
Tree sparrow	<i>Passer montanus</i>	Resident Breeder, Passage Visitor	U	FF	C
Treecreeper	<i>Certhia familiaris</i>	Resident Breeder	FC	H	PO
Wheatear	<i>Oenanthe oenanthe</i>	Migrant Breeder, Passage Visitor	S	M	NB
Whitethroat	<i>Sylvia communis</i>	Migrant Breeder, Passage Visitor	FC-C	FF	C
Willow Warbler	<i>Phylloscopus trochilus</i>	Migrant Breeder, Passage Visitor	C-A	M	NB
Wood Pigeon	<i>Columba palumbus</i>	Resident Breeder, Winter Visitor	A	P	PR
Wren	<i>Troglodytes troglodytes</i>	Resident Breeder, Passage/Winter Visitor	A	T	PR
Yellowhammer	<i>Emberiza citrinella</i>	Resident Breeder, Passage/Winter Visitor	FC	FC	C

Table 22: Full of results for Transect 8

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Barn owl	<i>Tyto alba</i>	Resident Breeder	U	H	PO
Blackbird	<i>Turdus merula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	A	FL	C
Blackcap	<i>Sylvia atricapilla</i>	Migrant Breeder, Passage/Winter Visitor	C	P	PR
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	U/M	NB
Blue tit	<i>Cyanistes caeruleus</i>	Resident Breeder, Winter Visitor	A	FL	C

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Bullfinch	<i>Pyrrhula pyrrhula</i>	Resident Breeder, Scarce Visitor	U	P	PR
Buzzard	<i>Buteo buteo</i>	Resident Breeder, Passage/Winter Visitor	FC	FL	C
Carrion crow	<i>Corvus corone</i>	Resident Breeder, Winter Visitor	A	ON	C
Chaffinch	<i>Fringilla coelebs</i>	Resident Breeder, Passage/Winter Visitor	A	FF	C
Chiffchaff	<i>Phylloscopus collybita</i>	Migrant Breeder, Passage/Winter Visitor	C	H	PO
Coal tit	<i>Parus ater</i>	Resident Breeder	C	H	PO
Collared dove	<i>Streptopelia decaocto</i>	Resident Breeder	C	H	PO
Common Gull	<i>Larus canus</i>	Migrant/Resident Breeder, Passage/ Winter Visitor	R	U/M	NB
Dunnock	<i>Prunella modularis</i>	Resident Breeder, Passage/Winter Visitor	C	T	PR
Goldcrest	<i>Regulus regulus</i>	Resident Breeder, Passage/Winter Visitor	FC	FL	C
Goldfinch	<i>Carduelis carduelis</i>	Migrant/Resident Breeder	C	P	PR
Great spotted woodpecker	<i>Dendrocopos major</i>	Resident Breeder, Scarce Visitor	FC	P	PR
Great tit	<i>Parus major</i>	Resident Breeder, Winter Visitor	A	FL	C
Green woodpecker	<i>Picus viridis</i>	Resident Breeder	U	H	PO
Greenfinch	<i>Chloris chloris</i>	Resident Breeder, Winter Visitor	C	H	PO
Grey Partridge	<i>Perdix perdix</i>	Resident/Introduced Breeder	FC	P	PR
Greylag Goose	<i>Anser anser</i>	Introduced/Resident Breeder, Winter Migrant	FC (Feral)	P	PR
Herring Gull	<i>Larus argentatus</i>	Resident Breeder, Passage/Winter Visitor	C	U/M	NB
House Sparrow	<i>Passer domesticus</i>	Resident Breeder	A	P	PR
Jackdaw	<i>Corvus Monedula</i>	Resident Breeder, Winter Visitor	A	ON	C
Kestrel	<i>Falco Tinnunculus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	FL	C
Lapwing	<i>Vanellus vanellus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	U	UH/F	NB
Lesser Black-backed Gull	<i>Larus fuscus</i>	Migrant/Resident Breeder, Passage Visitor	U	U/M	NB
Lesser Whitethroat	<i>Sylvia Curruca</i>	Migrant Breeder, Passage Visitor	FC-U	H	PO
Linnet	<i>Linaria cannabina</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	P	PR
Long-tailed tit	<i>Aegithalos caudatus</i>	Resident Breeder	C	P	PR
Magpie	<i>Pica pica</i>	Resident Breeder	C	ON	C

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Mallard	<i>Anas platyrhynchos</i>	Introduced/Resident Breeder, Winter Visitor	FC	P	PR
Meadow Pipit	<i>Anthus pratensis</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	H	PO
Mistle thrush	<i>Turdus viscivorus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	FC	H	PO
Moorhen	<i>Gallinula Chloropus</i>	Resident Breeder, Winter Visitor	C-A	F/L	C
Peregrine	<i>Falco peregrinus</i>	Resident Breeder, Passage/Winter Visitor	<u>S</u>	F	NB
Pheasant	<i>Phasianus Colchicus</i>	Introduced Breeder	C-A	FL	C
Pied wagtail	<i>Motacilla alba</i>	Migrant/Resident Breeder, Passage Visitor	C	H	PO
Red-legged partridge	<i>Alectoris rufa</i>	Introduced Breeder	C	H	PO
Redwing	<i>Turdus iliacus</i>	Migrant/Resident Breeder, Passage/Winter Visitor	NB	M	NB
Reed Bunting	<i>Emberiza schoeniclus</i>	Resident Breeder, Passage/Winter Visitor	FC	FF	C
Robin	<i>Erithacus rubecula</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C-A	FL	C
Rook	<i>Corvus frugilegus</i>	Resident Breeder, Winter Visitor	A	FL	C
Skylark	<i>Alauda arvensis</i>	Resident Breeder, Passage/Winter Visitor	C	P	PR
Song Thrush	<i>Turdus philomelos</i>	Migrant/Resident Breeder, Passage/Winter Visitor	C	H	PO
Sparrowhawk	<i>Accipiter nisus</i>	Resident Breeder, Passage/Winter Visitor	FC	FF	C
Starling	<i>Sturnus vulgaris</i>	Resident Breeder, Passage/Winter Visitor	A	ON/FL	C
Stock Dove	<i>Columba oenas</i>	Resident Breeder, Passage/Winter Visitor	FC	P	PR
Swallow	<i>Hirundo rustica</i>	Migrant Breeder, Passage Visitor	C	P	PR
Swift	<i>Apus apus</i>	Migrant Breeder, Passage Visitor	C	F	NB
Tree sparrow	<i>Passer montanus</i>	Resident Breeder, Passage Visitor	U	H	PO
Treecreeper	<i>Certhia familiaris</i>	Resident Breeder	FC	H	PO
Whitethroat	<i>Sylvia communis</i>	Migrant Breeder, Passage Visitor	FC-C	FL	C
Willow Warbler	<i>Phylloscopus trochilus</i>	Migrant Breeder, Passage Visitor	C-A	M	NB
Wood Pigeon	<i>Columba palumbus</i>	Resident Breeder, Winter Visitor	A	ON	C
Wren	<i>Troglodytes troglodytes</i>	Resident Breeder, Passage/Winter Visitor	A	T	PR
Yellow Wagtail	<i>Motacilla flava</i>	Migrant Breeder, Passage Visitor	U	H	PO

Common Name	Scientific Name	UK Status	Yorkshire breeding status	Site Breeding Status	
				Classifying behaviour	Breeding Category
Yellowhammer	<i>Emberiza citrinella</i>	Resident Breeder, Passage/Winter Visitor	FC	FF	C

APPENDIX E: Survey details and weather conditions

Transect survey conditions

Survey Visit	Transect	Date	Surveyor*	Times on site	Weather and Conditions
Visit 1 March	T1	14/03/2023	CB	06:25 – 10:30	Wind 3-4. Cloud 3/8, 3-7°C, dry, good visibility
	T2	29/03/2023	CP	06:52 – 11:05	Wind 2-3. Cloud 2/8 to 8/8. Dry. 7°C
	T3	30/03/2023	CP	07:10 - 11:15	Wind 4. Cloud 7/8. Light rain. 8°C. Wind compromised ability to hear at times
	T4	23/03/2023	CB	06:00 – 09:45	Wind 4-5. Cloud 5/8 – 1/8, 8°C, good visibility
	T5	09/03/2023	CB	06:35 – 10:25	Wind 2, Cloud 8/8, 1-3°C, snow showers
	T6	22/03/2023	CB	05:55 – 10:00	Wind WSW 4-5. Cloud 7/8 – 2/8. 10°C to 12°C. VIS 5km. Dry
	T7	07/03/2023	CB	07:00 -10:30	Wind NW 3. Cloud 2/8. 0°C to 4°C. dry. Vis 5km
	T8	08/03/2023	CB	06:45 – 10:30	Wind E 2. Cloud 4/8 – 7/8. -2°C. VIS 5km. Frost.
Visit 2 April	T1	20/04/2023	CB	05:35 – 11:00	Wind 3-4, Cloud 0/8-1/8, 9-10°C, dry, good visibility
	T2	18/04/2023	CP	06:05 – 10:25	Wind 1-3, Cloud 2/8 - 4/8, 6°C, dry
	T3	19/04/2023	CP	06:10 – 10:10	Wind 3-4, Cloud 3/8, 8°C, dry
	T4	26/04/2023	PF	05:45 – 07:00	Wind 0-1, Cloud 0/8, mild, dry, good visibility, sunny
	T5	19/04/2023	CB	05:45 – 09:45	Wind 3, Cloud 1/8 – 8/8, 7°C, dry, good visibility
	T6	27/04/2023	PF	05:30 – 08:30	Wind 0-1, Cloud 0/8, 4°C, dry, bright
	T7	17/04/2023	CB	05:50 – 09:40	Wind 2, Cloud 8/8, 7-9°C, dry
	T8	18/04/2023	CB	05:40 – 09:30	Wind 3, Cloud 8/8, 9°C, dry
Visit 3 May	T1	16/05/2023	CB	05:00 – 10:15	Wind 2-3, Cloud 0/8 - 6/8, 7-14°C, dry
	T2	16/05/2023	CP	05:20 – 09:35	Wind 1, Cloud 2/8, 15°C, dry
	T3	17/05/2023	CP	05:30 – 10:50	Wind 1, Cloud 7/8, 9-13°C, dry, sunny intervals
	T4	17/05/2023	CB	05:00 – 09:00	Wind 2, Cloud 7/8, 10-14°C, dry, good visibility
	T5	12/05/2023	CB	05:00 – 09:15	Wind 2-4, Cloud 8/8, 9-12°C, dry
	T6	18/05/2023	CB	05:00 – 10:15	Wind 2-3, Cloud 7/8, 11°C, dry, good visibility

HASK08.3 / Dogger Bank South (DBS) Offshore Wind Farms
Breeding Bird Survey 2023, Issue 4

Survey Visit	Transect	Date	Surveyor*	Times on site	Weather and Conditions
	T7	10/05/2023	CB	05:10 – 09:50	Wind 2-3, Cloud 2/8 – 0/8, 9-15°C, dry, good visibility
	T8	11/05/2023	CB	05:00 – 09:30	Wind 1-2, Cloud 4/8, 11-17°C, dry, good visibility
Visit 4 June	T1	13/06/2023	CB	04:30 – 09:30	Wind 3, Cloud 0/8, 14-19°C, dry
	T2	15/06/2023	CP	05:15 - 09:25	Wind 1, Cloud 1/8, 13-15°C, dry, full sun
	T3	14/06/2023	CP	04:50 – 09:25	Wind 1-2, Cloud 1/8 – 0/8, 13°C, dry
	T4	14/06/2023	CB	04:30 – 08:00	Wind 3, Cloud 0/8, 10-19°C, dry, good visibility
	T5	09/06/2023	CB	04:30 – 09:00	Wind 3, Cloud 7/8, 11-14°C, dry, good visibility
	T6	15/06/2023	CB	04:30 – 08:00	Wind 2, misty at start but cleared, 13-15°C
	T7	07/06/2023	CB	04:40 – 09:10	Wind 2, Cloud 8/8, dry, good visibility
	T8	08/06/2023	CB	04:35 – 08:50	Wind 2-3, Cloud 8/8, 11-14°C, dry, good visibility
Visit 5 July	T1	18/07/2023	CB	04:35 - 10:15	Wind 1-2, Cloud 6/8 – 4/8, 13-19°C, dry
	T2	20/07/2023	CP	05:15 – 10:00	Wind 1, Cloud 2/8, 9°C, dry, fog
	T3	19/07/2023	CP	05:30 – 09:30	Wind 1, Cloud 8/8, mild, drizzle at start, intermittent light showers
	T4	20/07/2023	CB	05:00 – 09:00	Wind 1-2, Cloud 2/8 – 6/8, 12-15°C, dry, good visibility
	T5	14/07/2023	CB	04:40 – 09:00	Wind 1-2, Cloud 1/8 – 6/8, 12-18°C, dry, good visibility
	T6	19/07/2023	CB	04:55 – 09:00	Wind 1-2, Cloud 8/8, 15°C, spells of drizzle throughout
	T7	12/07/2023	CB	04:50 – 08:20	Wind 3-4, Cloud 1/8 – 6/8, 13-17°C, dry, good visibility
	T8	13/07/2023	CB	04:45 – 08:30	Wind 2-3, Cloud 2/8, 13-18°C, dry, good visibility
Visit 6 August	T1	15/08/2023	CB	05:30 – 11:15	Wind 3-4, Cloud 2/8, 15-20°C, dry, good visibility
	T2	17/08/2023	CP	06:00 – 10:25	Wind 1, Cloud 2/8, 15°C, dry
	T3	16/08/2023	CP	06:05 – 10:25	Wind 1, Cloud 2/8 – 0/8, warm, dry, misty at start clearing to full sun
	T4	16/08/2023	CB	05:45 – 09:45	Wind 1, Cloud 1/8, 10-20°C, dry
	T5	10/08/2023	CB	05:20 -10:00	Wind 0, Cloud 8/8 - 7/8, 16-22°C, dry, good visibility
	T6	17/08/2023	CB	05:45 – 10:00	Wind 2-3, Cloud 8/8 – 6/8, 15-20°C, dry, good visibility

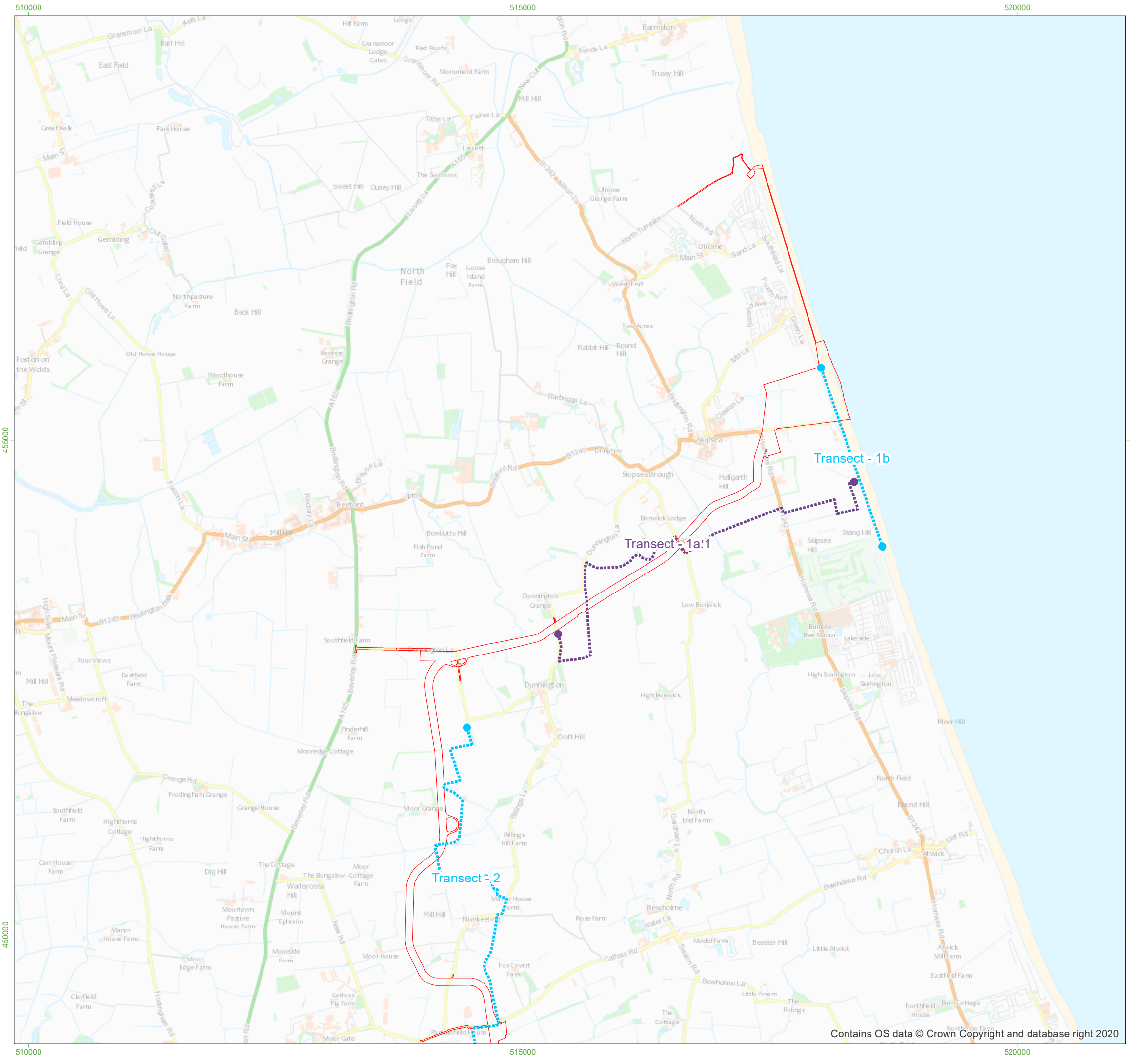
Survey Visit	Transect	Date	Surveyor*	Times on site	Weather and Conditions
	T7	08/08/2023	CB	05:30 – 09:30	Wind 3-4, Cloud 1/8, 11-17°C, dry
	T8	09/08/2023	CB	05:30 – 09:15	Wind 3, Cloud 2/8 – 3/8, 17°C, dry, good visibility

*CB – Chris Bradshaw, CP – Chloe Pritchard, PF – Paul Fisher

Marsh harrier vantage point survey conditions

Date	Surveyor*	Times on site	Weather and Conditions
11/05/2023	CB	16:00 – 18:00	Wind 3, Cloud 4/8, 19 - 17°C, occasional rain shower, good visibility
21/06/2023	CB	17:00 – 20:30	Wind 2-3, sunny skies with variable cloud, 26-22°C, dry, good visibility

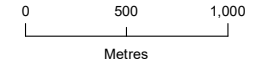
APPENDIX F: Transect locations



Survey Information

	Onshore Development Area
	Transect route

Source:
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 Ordnance Survey 0100031673.



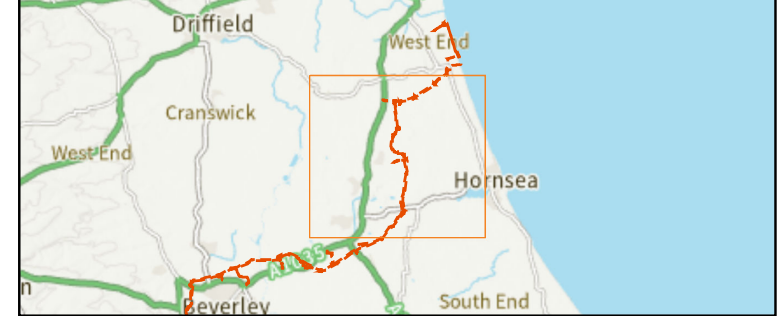
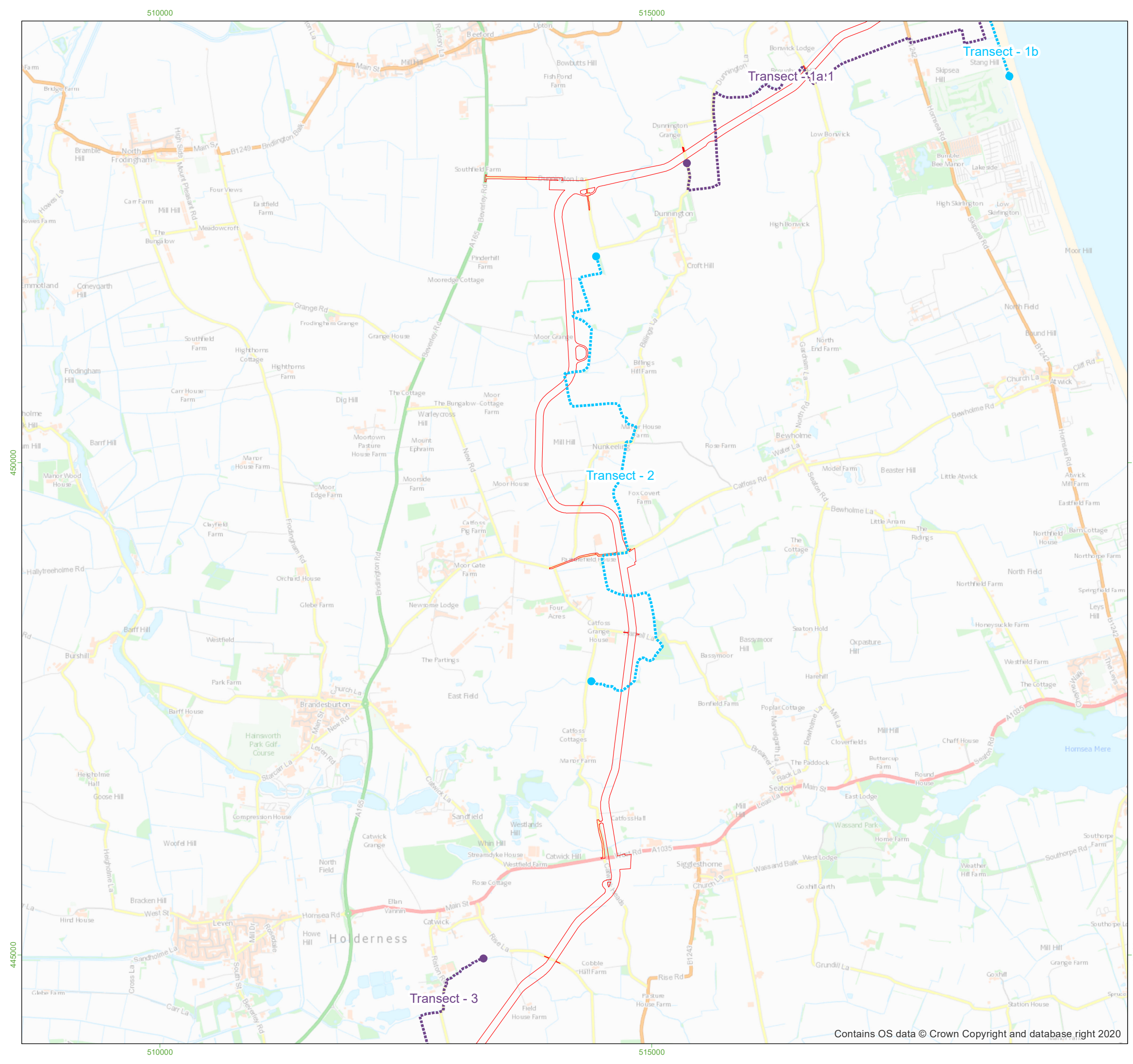
PROJECT TITLE
DOGGER BANK SOUTH

DRAWING TITLE
1. Winter and Breeding Bird Survey

VER	DATE	REMARKS	Drawn	Checked
3.0	30/04/24	WBS and BBS Routes	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2/ Ornithology/WBSBBSRoute

 ECOLOGICAL CONSULTANTS	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:37,289



Survey Information

	Onshore Development Area
	Transect route

Source:
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 Ordnance Survey 0100031673.

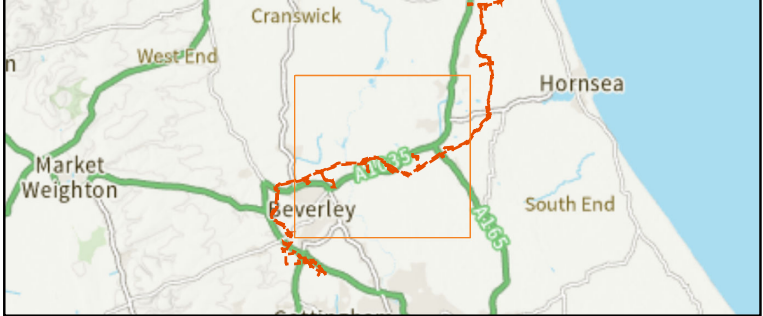
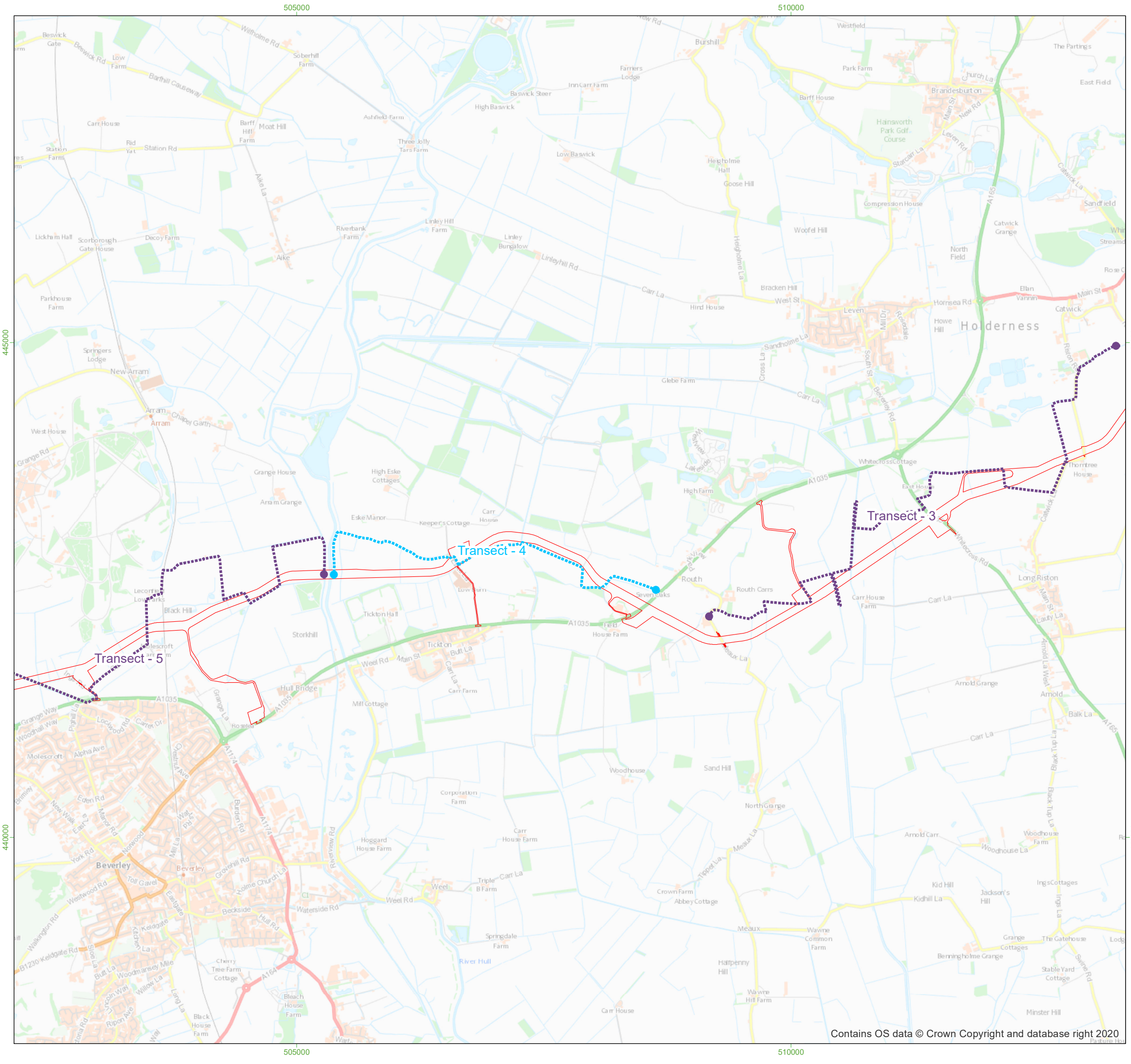
PROJECT TITLE
DOGGER BANK SOUTH

DRAWING TITLE
2. Winter and Breeding Bird Survey

VER	DATE	REMARKS	Drawn	Checked
3.0	30/04/24	WBS and BBS Routes	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2/ Ornithology/WBSBBSRoute

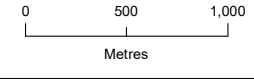
 ECOLOGICAL CONSULTANTS	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:37,289



Survey Information

- Onshore Development Area
- ● ● Transect route

Source:
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 Ordnance Survey 0100031673.



PROJECT TITLE
DOGGER BANK SOUTH

DRAWING TITLE
3. Winter and Breeding Bird Survey

VER	DATE	REMARKS	Drawn	Checked
3.0	30/04/24	WBS and BBS Routes	MP	CP

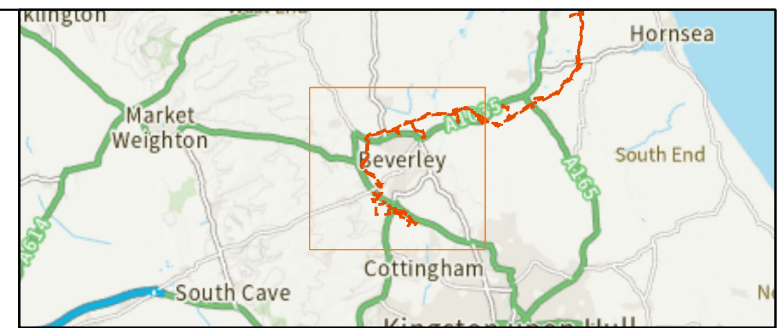
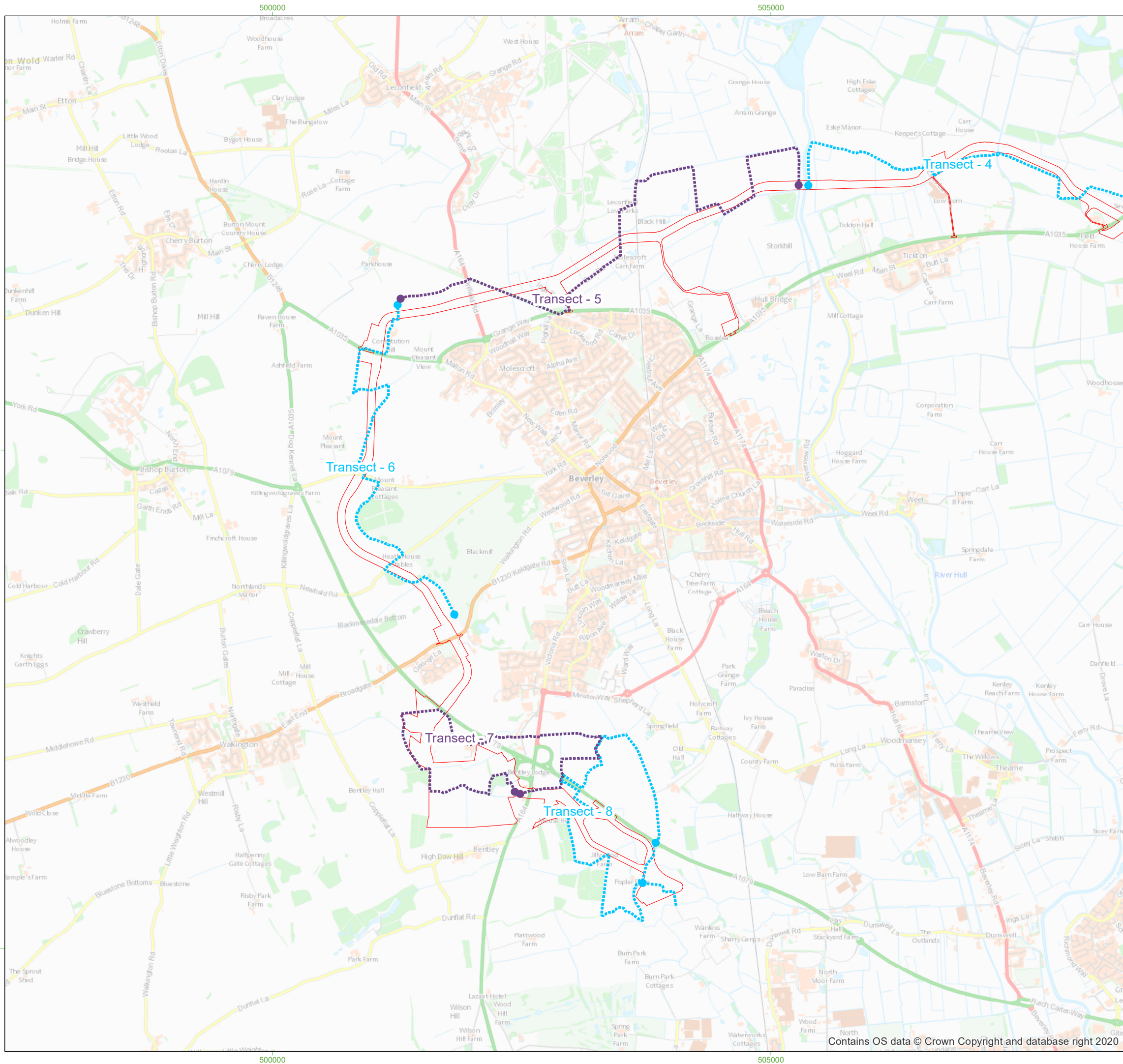
DRAWING NUMBER:
 PeakEcology/DB2/ Ornithology/WBSBBSRoute





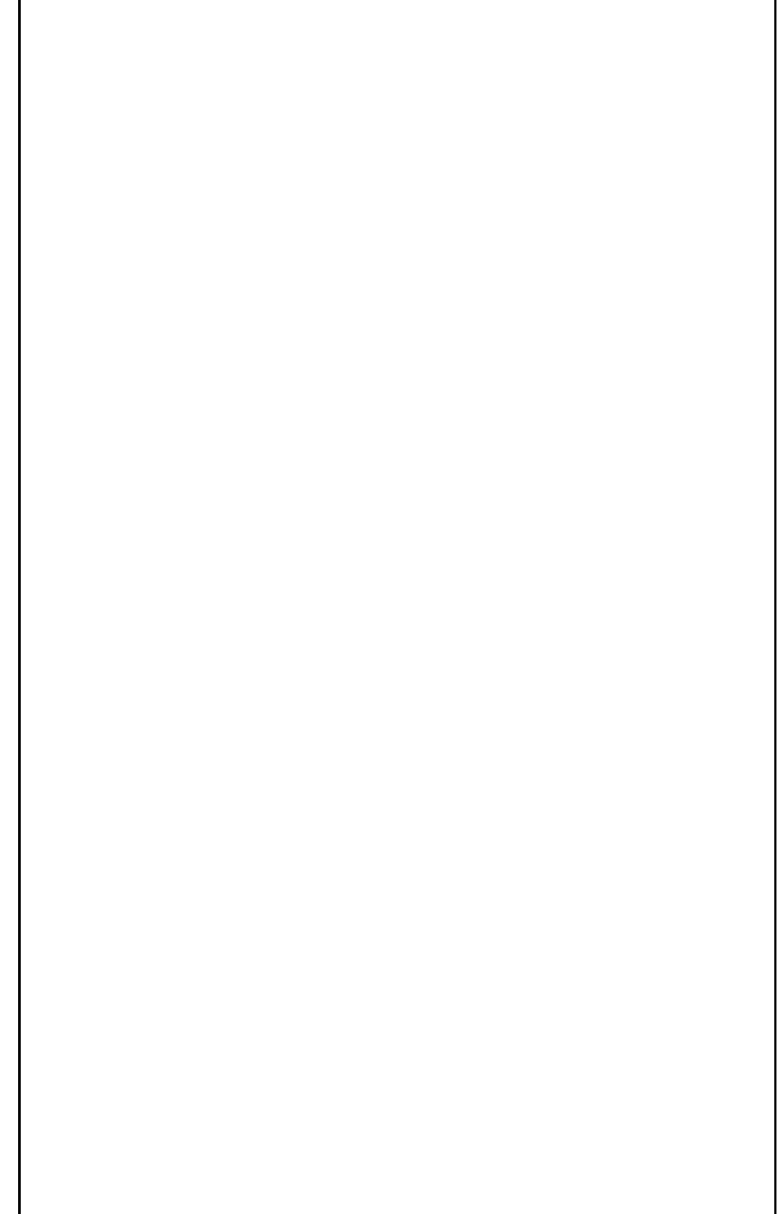
ECOLOGICAL CONSULTANTS

Arden House,
 Deepdale Business Park,
 Bakewell,
 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk

DATUM: OSGB
 PROJECTION: BNG
 PLOT SIZE: A3
 SCALE: 1:37,289



Survey Information	
	Onshore Development Area
	Transect route



Source:
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 Ordnance Survey 0100031673.

PROJECT TITLE
DOGGER BANK SOUTH

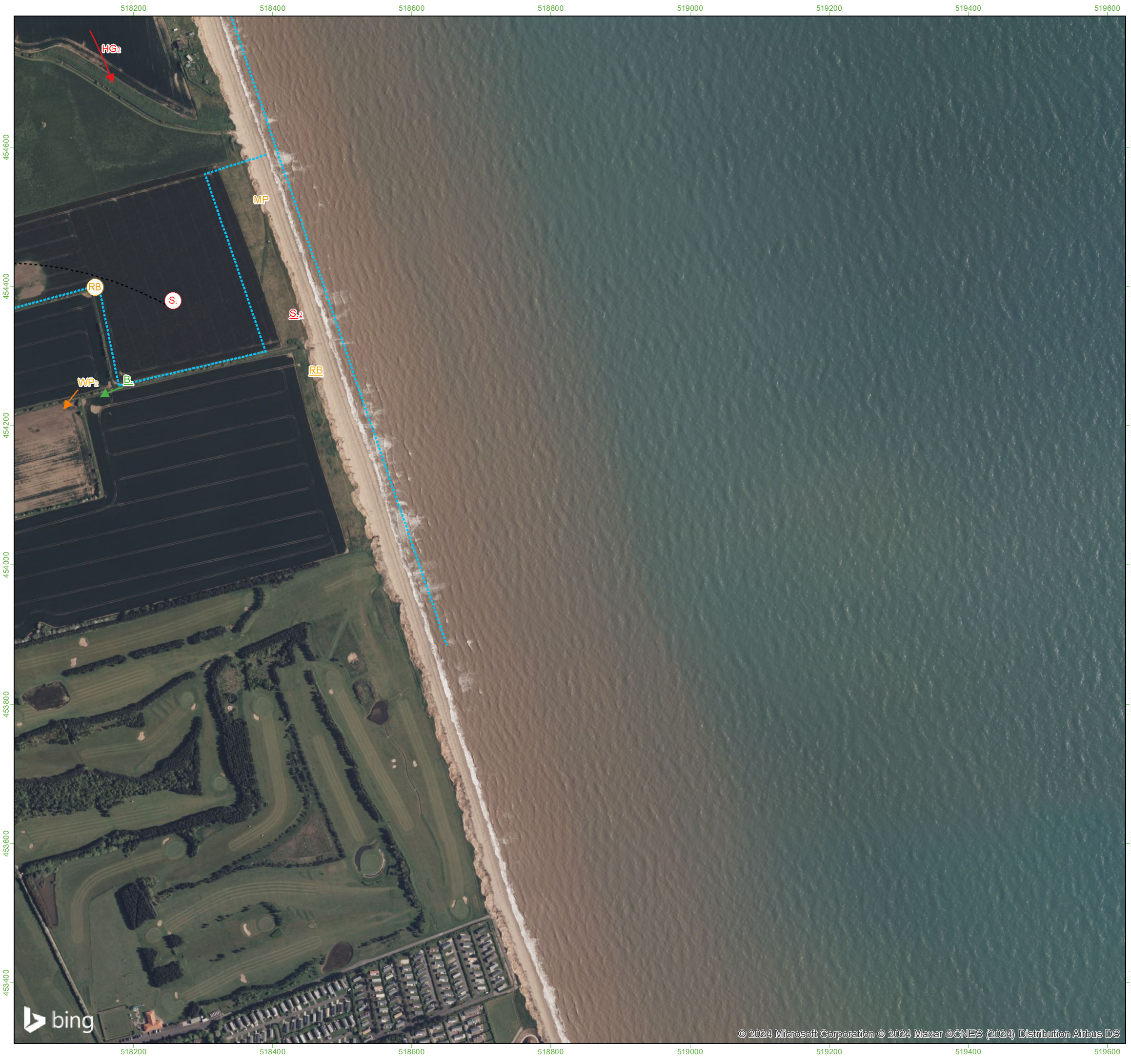
DRAWING TITLE
4. Winter and Breeding Bird Survey

VER	DATE	REMARKS	Drawn	Checked
3.0	30/04/24	WBS and BBS Routes	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2/ Ornithology/WBSBBSRoute

 ECOLOGICAL CONSULTANTS	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:37,289

APPENDIX G: Survey Maps



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew		CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
Amber listed species	W. - Wheatear	MS - Mute Swan
AE - Arctic Tern	WH - Whitethroat	NH - Nuthatch
BF - Bullfinch	WN - Wigeon	PE - Peregrine
BH - Black-headed Gull	WP - Wood Pigeon	PH - Pheasant
CM - Common Gull	WR - Wren	PW - Pied Wagtail
CN - Common Tern	WS - Whooper Swan	R. - Robin
CS - Common Sandpiper	WW - Willow Warbler	RH - Red-throated Diver
D. - Dunnock		RL - Red-legged Partridge
F. - Fulmar	Green listed species	RN - Raven
GA - Gadwall	B. - Blackbird	RW - Reed Warbler
GB - Great Black-backed Gull	BC - Blackcap	SK - Siskin
GE - Green Sandpiper	BO - Barn Owl	SL - Swallow
GJ - Greylag Goose	BT - Blue Tit	SM - Sand Martin
GL - Grey Wagtail	BZ - Buzzard	TC - Treecreeper
GU - Guillemot	C. - Carrion Crow	
GV - Grey Plover	CA - Cormorant	
GX - Gannet	CC - Chiffchaff	
K. - Kestrel	CD - Collared Dove	
LB - Lesser Black-backed Gull	CG - Canada Goose	



PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.1.A. Transect 1 , March - Visit 1

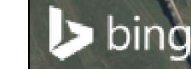
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_1	MP	CP

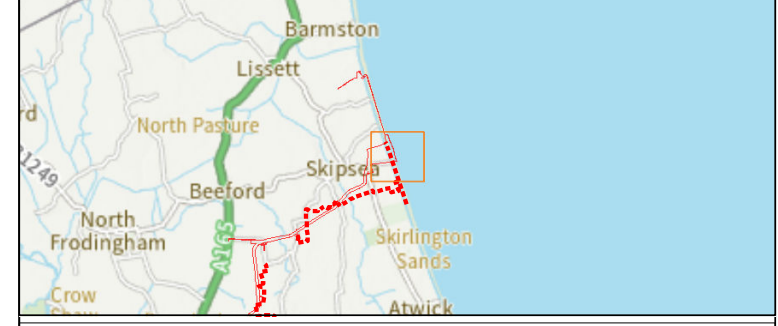
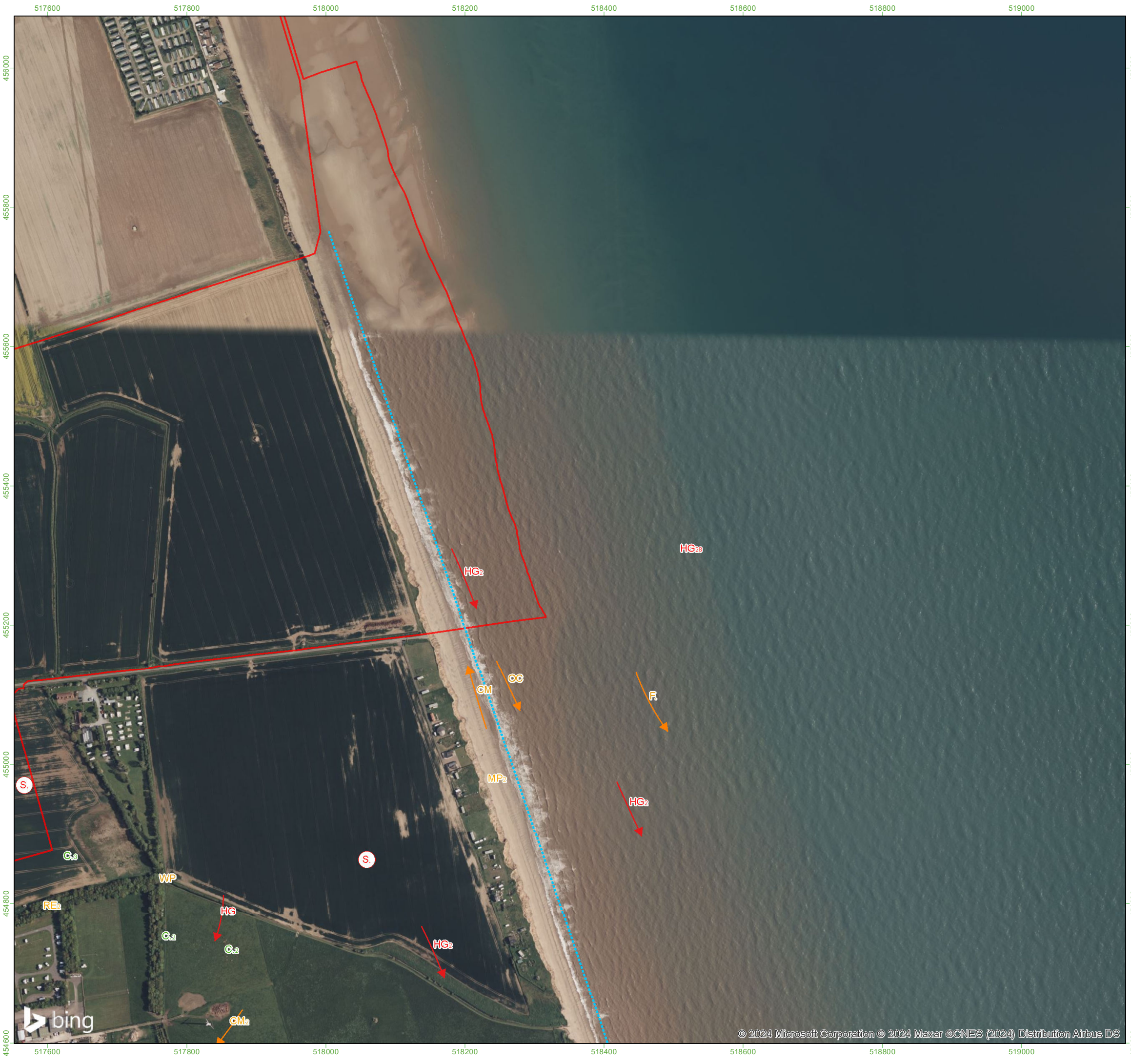
DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_11.A

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Arden House,
 Deepdale Business Park,
 Bakewell,
 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,300





Survey Information

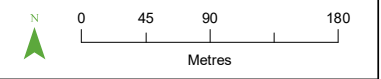
- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:
 Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

<p>Red listed species</p> <ul style="list-style-type: none"> CB - Corn Bunting CU - Curlew CX - Common Scoter FF - Fieldfare GR - Greenfinch HG - Herring Gull HM - House Martin HS - House Sparrow KI - Kittiwake L - Lapwing LJ - Linnet M - Mistle Thrush MT - Marsh Tit P - Grey Partridge S - Skylark SG - Starling SI - Swift TS - Tree Sparrow WC - Whinchat Y - Yellowhammer YW - Yellow Wagtail 	<ul style="list-style-type: none"> MA - Mallard MH - Moorhen MP - Meadow Pint PG - Pink-footed Goose RA - Razorbill RB - Reed Bunting RE - Redwing RK - Redshank RO - Rook SD - Stock Dove SE - Short-eared Owl SH - Sparrowhawk SN - Snipe SS - Sanderling ST - Song Thrush SU - Shelduck SV - Shoveler SW - Sedge Warbler T - Teal TE - Sandwich Tern W - Wheatear WH - Whitethroat WN - Wigeon WP - Wood Pigeon WR - Wren WS - Whooper Swan WW - Willow Warbler 	<ul style="list-style-type: none"> CH - Chaffinch CO - Coot CT - Coal Tit CW - Cetti's Warbler ET - Little Egret FP - Feral Pigeon G - Green Woodpecker GC - Goldcrest GG - Great Crested Grebe GO - Goldfinch GP - Golden Plover GS - Great Spotted Woodpecker GT - Great Tit GW - Garden Warbler H - Grey Heron HY - Hobby J - Jay JD - Jackdaw KF - Kingfisher LG - Little Grebe LT - Long-tailed Tit LW - Lesser Whitethroat MG - Magpie MS - Mute Swan NH - Nuthatch PE - Peregrine PH - Pheasant PW - Pied Wagtail R - Robin RH - Red-throated Diver RL - Red-legged Partridge RN - Raven RW - Reed Warbler SK - Siskin SL - Swallow SM - Sand Martin TC - Treecreeper
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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.1.B. Transect 1 , March - Visit 1

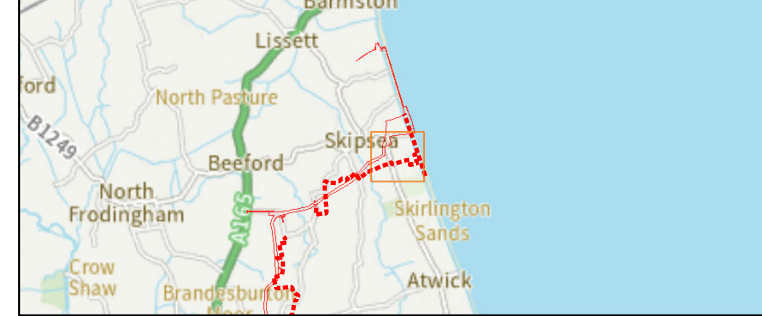
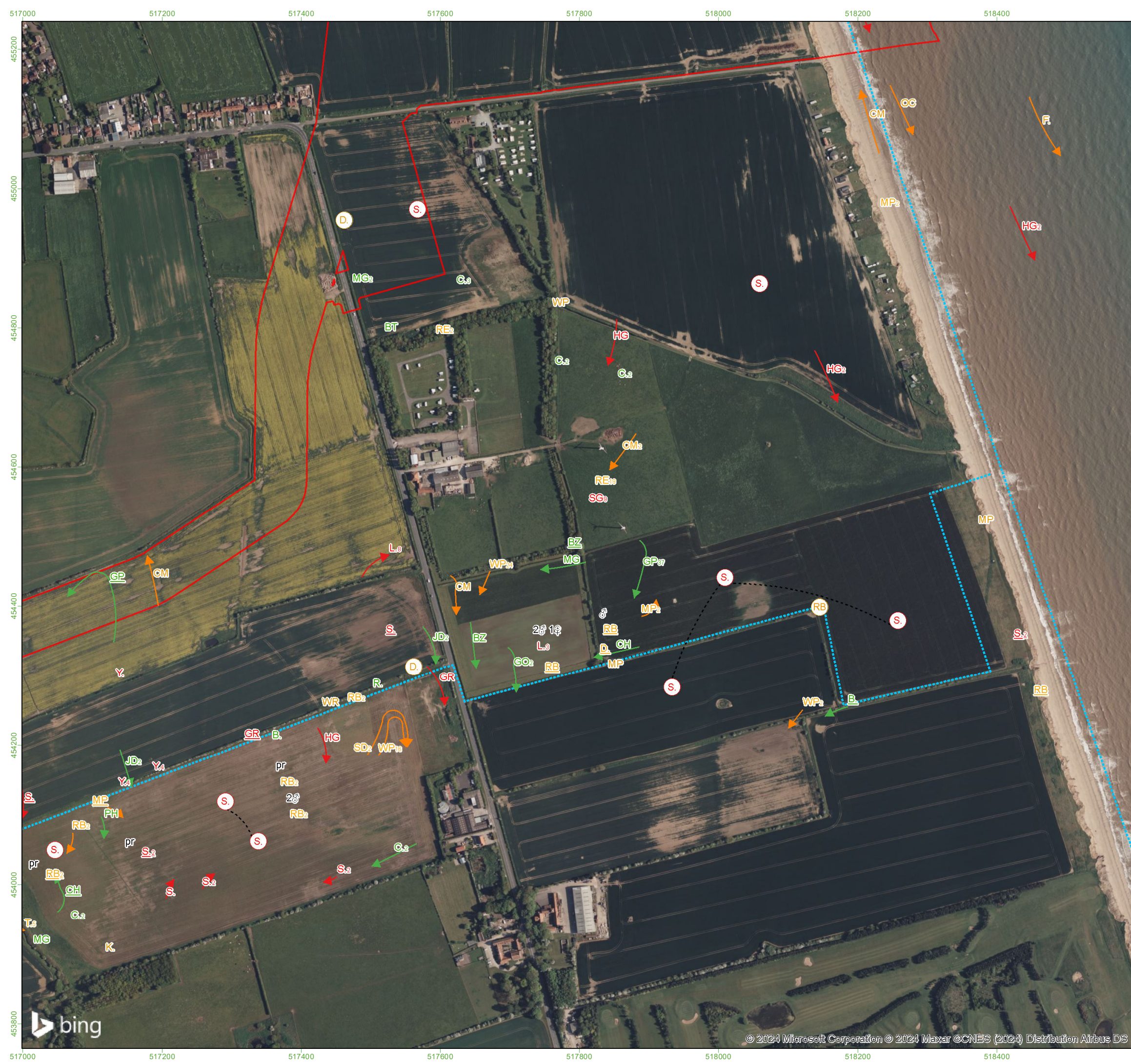
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_1	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_11.B

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 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk

DATUM OSGB
 PROJECTION BNG
 PLOT SIZE A3
 SCALE 1:5,300



Survey Information

 Onshore Development Area	 Transect route
x Bird - alarm call	→ Red
x Bird sighting	→ Amber
x Bird calling	→ Green
(x) Bird singing	— Same bird
☼ Bird - aggressive encounter In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:
 Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pipit	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare	OC - Oystercatcher	ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
	W. - Wheatear	MS - Mute Swan
	WH - Whitethroat	NH - Nuthatch
	WN - Wigeon	PE - Peregrine
	WP - Wood Pigeon	PH - Pheasant
	WR - Wren	PW - Pied Wagtail
	WS - Whooper Swan	R. - Robin
	WW - Willow Warbler	RH - Red-throated Diver
		RL - Red-legged Partridge
		RN - Raven
		RW - Reed Warbler
		SK - Siskin
		SL - Swallow
		SM - Sand Martin
		TC - Treecreeper
Amber listed species		
AE - Arctic Tern	WH - Whitethroat	
BF - Bullfinch	WN - Wigeon	
BH - Black-headed Gull	WP - Wood Pigeon	
CM - Common Gull	WR - Wren	
CN - Common Tern	WS - Whooper Swan	
CS - Common Sandpiper	WW - Willow Warbler	
D. - Dunnock		
F. - Fulmar		
GA - Gadwall		
GB - Great Black-backed Gull		
GE - Green Sandpiper		
GJ - Greylag Goose		
GL - Grey Wagtail		
GU - Guillemot		
GV - Grey Plover		
GX - Gannet		
K. - Kestrel		
LB - Lesser Black-backed Gull		
Green listed species		
B. - Blackbird		
BC - Blackcap		
BO - Barn Owl		
BT - Blue Tit		
GL - Grey Wagtail		
GU - Guillemot		
CA - Carrion Crow		
CA - Cormorant		
CC - Chiffchaff		
CD - Collared Dove		
CG - Canada Goose		



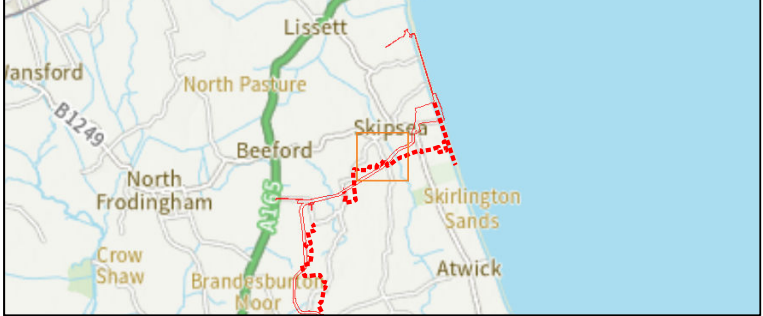
PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.1.C. Transect 1 , March - Visit 1

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_1	MP	CP

DRAWING NUMBER: **PeakEcology/DB2BBS2023/T1_11.C**

	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:5,300



Survey Information

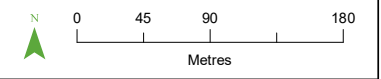
- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|-------------------------------|-----------------------------|-------------------------------|
| Red listed species | MA - Mallard | CH - Chaffinch |
| CB - Corn Bunting | MH - Moorhen | CO - Coot |
| CU - Curlew | MP - Meadow Pipit | CT - Coal Tit |
| CX - Common Scoter | | CW - Cetti's Warbler |
| FF - Fieldfare | | ET - Little Egret |
| GR - Greenfinch | PG - Pink-footed Goose | FP - Feral Pigeon |
| HG - Herring Gull | RA - Razorbill | G. - Green Woodpecker |
| HM - House Martin | RB - Reed Bunting | GC - Goldcrest |
| HS - House Sparrow | RE - Redwing | GG - Great Crested Grebe |
| KI - Kittiwake | RK - Redshank | GO - Goldfinch |
| L - Lapwing | RO - Rook | GP - Golden Plover |
| LJ - Linnet | SD - Stock Dove | GS - Great Spotted Woodpecker |
| M. - Mistle Thrush | SE - Short-eared Owl | GT - Great Tit |
| MT - Marsh Tit | SH - Sparrowhawk | GW - Garden Warbler |
| P. - Grey Partridge | SN - Snipe | H. - Grey Heron |
| S. - Skylark | SS - Sanderling | HY - Hobby |
| SG - Starling | ST - Song Thrush | J. - Jay |
| SI - Swift | SU - Shelduck | JD - Jackdaw |
| TS - Tree Sparrow | SV - Shoveler | KF - Kingfisher |
| WC - Whinchat | SW - Sedge Warbler | LG - Little Grebe |
| Y. - Yellowhammer | T. - Teal | LT - Long-tailed Tit |
| YW - Yellow Wagtail | TE - Sandwich Tern | LW - Lesser Whitethroat |
| | TO - Tawny Owl | MG - Magpie |
| | W. - Wheatear | MS - Mute Swan |
| Amber listed species | WH - Whitethroat | NH - Nuthatch |
| AE - Arctic Tern | WN - Wigeon | PE - Peregrine |
| BF - Bullfinch | WP - Wood Pigeon | PH - Pheasant |
| BH - Black-headed Gull | WR - Wren | PW - Pied Wagtail |
| CM - Common Gull | WS - Whooper Swan | R. - Robin |
| CN - Common Tern | WW - Willow Warbler | RH - Red-throated Diver |
| CS - Common Sandpiper | | RL - Red-legged Partridge |
| D. - Duncock | | RN - Raven |
| F. - Fulmar | | RW - Reed Warbler |
| GA - Gadwall | | SK - Siskin |
| GB - Great Black-backed Gull | | SL - Swallow |
| GE - Green Sandpiper | | SM - Sand Martin |
| GJ - Greylag Goose | | TC - Treecreeper |
| GL - Grey Wagtail | | |
| GU - Guillemot | | |
| GV - Grey Plover | | |
| GX - Gannet | | |
| K. - Kestrel | | |
| LB - Lesser Black-backed Gull | | |
| | Green listed species | |
| | B. - Blackbird | |
| | BC - Blackcap | |
| | BO - Barn Owl | |
| | BT - Blue Tit | |
| | BZ - Buzzard | |
| | C. - Carrion Crow | |
| | CA - Cormorant | |
| | CC - Chiffchaff | |
| | CD - Collared Dove | |
| | CG - Canada Goose | |

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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

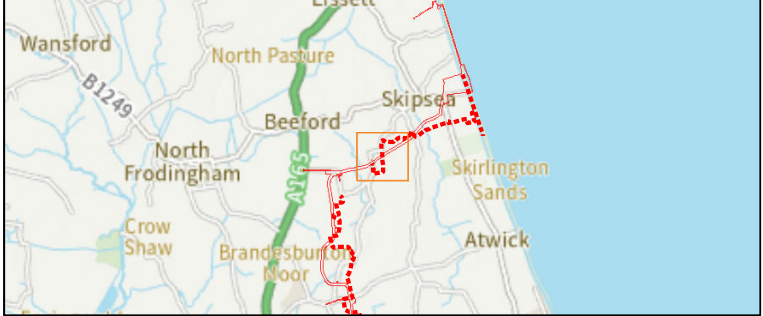
DRAWING TITLE
Figure 1.1.D. Transect 1 , March - Visit 1

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_1	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_11.D

	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
SCALE		1:5,100	





Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

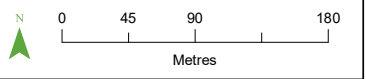
Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pint	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LI - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P - Grey Partridge	SN - Snipe	H - Grey Heron
S - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y - Yellowhammer	T - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
	W - Wheatear	MS - Mute Swan
	WH - Whitethroat	NH - Nuthatch
	WN - Wigeon	PE - Peregrine
	WP - Wood Pigeon	PH - Pheasant
	WR - Wren	PW - Pied Wagtail
	WS - Whooper Swan	R - Robin
	WW - Willow Warbler	RH - Red-throated Diver
		RL - Red-legged Partridge
		RN - Raven
		RW - Reed Warbler
		SK - Siskin
		SL - Swallow
		SM - Sand Martin
		TC - Treecreeper
Amber listed species	Green listed species	
AE - Arctic Tern	B - Blackbird	
BF - Bullfinch	BC - Blackcap	
BH - Black-headed Gull	BO - Barn Owl	
CM - Common Gull	BT - Blue Tit	
CN - Common Tern	BZ - Buzzard	
CS - Common Sandpiper	C - Carrion Crow	
D - Dunnock	CA - Cormorant	
F - Fulmar	CC - Chiffchaff	
GA - Gadwall	CD - Collared Dove	
GB - Great Black-backed Gull	CG - Canada Goose	
GE - Green Sandpiper		
GJ - Greylag Goose		
GL - Grey Wagtail		
GU - Guillemot		
GV - Grey Plover		
GX - Gannet		
K - Kestrel		
LB - Lesser Black-backed Gull		

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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

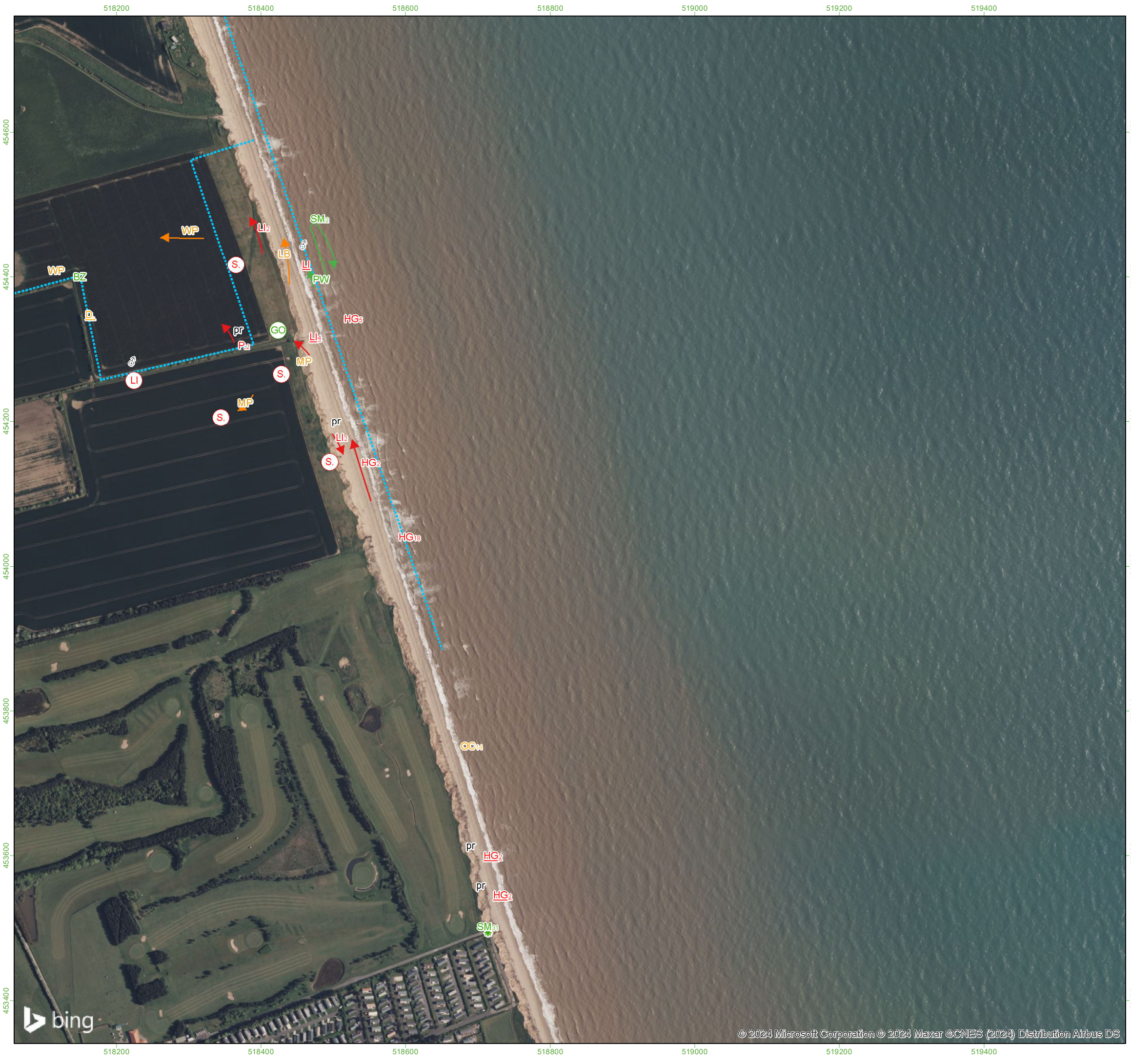
DRAWING TITLE
Figure 1.1.E. Transect 1 , March - Visit 1

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_1	MP	CP

DRAWING NUMBER: **PeakEcology/DB2BBS2023/T1_11.E**

	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:5,100





Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- - - - - In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pipit	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LI - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
Amber listed species	W. - Wheatear	MS - Mute Swan
AE - Arctic Tern	WH - Whitethroat	NH - Nuthatch
BF - Bullfinch	WN - Wigeon	PE - Peregrine
BH - Black-headed Gull	WP - Wood Pigeon	PH - Pheasant
CM - Common Gull	WR - Wren	PW - Pied Wagtail
CN - Common Tern	WS - Whooper Swan	R. - Robin
CS - Common Sandpiper	WW - Willow Warbler	RH - Red-throated Diver
D. - Dunnock		RL - Red-legged Partridge
F. - Fulmar	Green listed species	RN - Raven
GA - Gadwall	B. - Blackbird	RW - Reed Warbler
GB - Great Black-backed Gull	BC - Blackcap	SK - Siskin
GE - Green Sandpiper	BO - Barn Owl	SL - Swallow
GJ - Greylag Goose	BT - Blue Tit	SM - Sand Martin
GL - Grey Wagtail	BZ - Buzzard	TC - Treecreeper
GU - Guillemot	C. - Carrion Crow	
GV - Grey Plover	CA - Cormorant	
GX - Gannet	CC - Chiffchaff	
K. - Kestrel	CD - Collared Dove	
LB - Lesser Black-backed Gull	CG - Canada Goose	



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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.2.A. Transect 1 , April - Visit 2

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_2	MP	CP

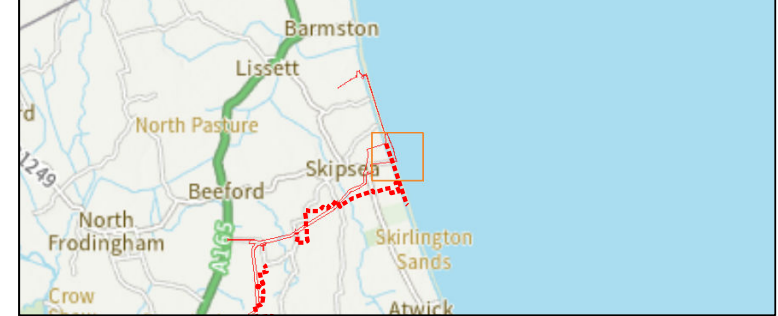
DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_22.A



peakecology LIMITED
 COLLEGE CONSULTANTS

Arden House,
 Deepdale Business Park,
 Bakewell,
 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pint	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
Amber listed species	W. - Wheatear	MS - Mute Swan
AE - Arctic Tern	WH - Whitethroat	NH - Nuthatch
BF - Bullfinch	WN - Wigeon	PE - Peregrine
BH - Black-headed Gull	WP - Wood Pigeon	PH - Pheasant
CM - Common Gull	WR - Wren	PW - Pied Wagtail
CN - Common Tern	WS - Whooper Swan	R. - Robin
CS - Common Sandpiper	WW - Willow Warbler	RH - Red-throated Diver
D. - Dunnock		RL - Red-legged Partridge
F. - Fulmar		RN - Raven
GA - Gadwall		RW - Reed Warbler
GB - Great Black-backed Gull		SK - Siskin
GE - Green Sandpiper		SL - Swallow
GJ - Greylag Goose		SM - Sand Martin
GL - Grey Wagtail		TC - Treecreeper
GU - Guillemot		
GV - Grey Plover		
GX - Gannet		
K. - Kestrel		
LB - Lesser Black-backed Gull		
	Green listed species	
	B. - Blackbird	
	BC - Blackcap	
	BO - Barn Owl	
	BT - Blue Tit	
	BZ - Buzzard	
	C. - Carrion Crow	
	CA - Cormorant	
	CC - Chiffchaff	
	CD - Collared Dove	
	CG - Canada Goose	



PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.2.B. Transect 1 , April - Visit 2

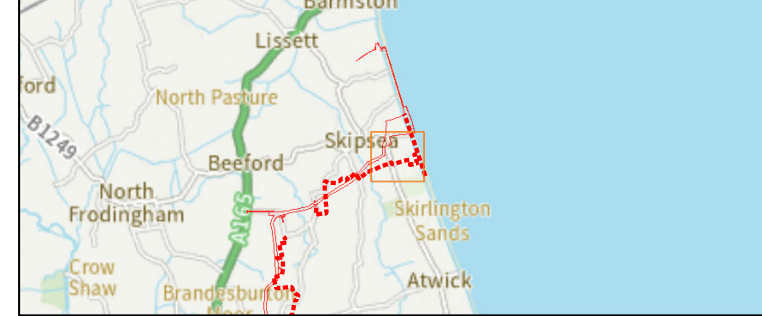
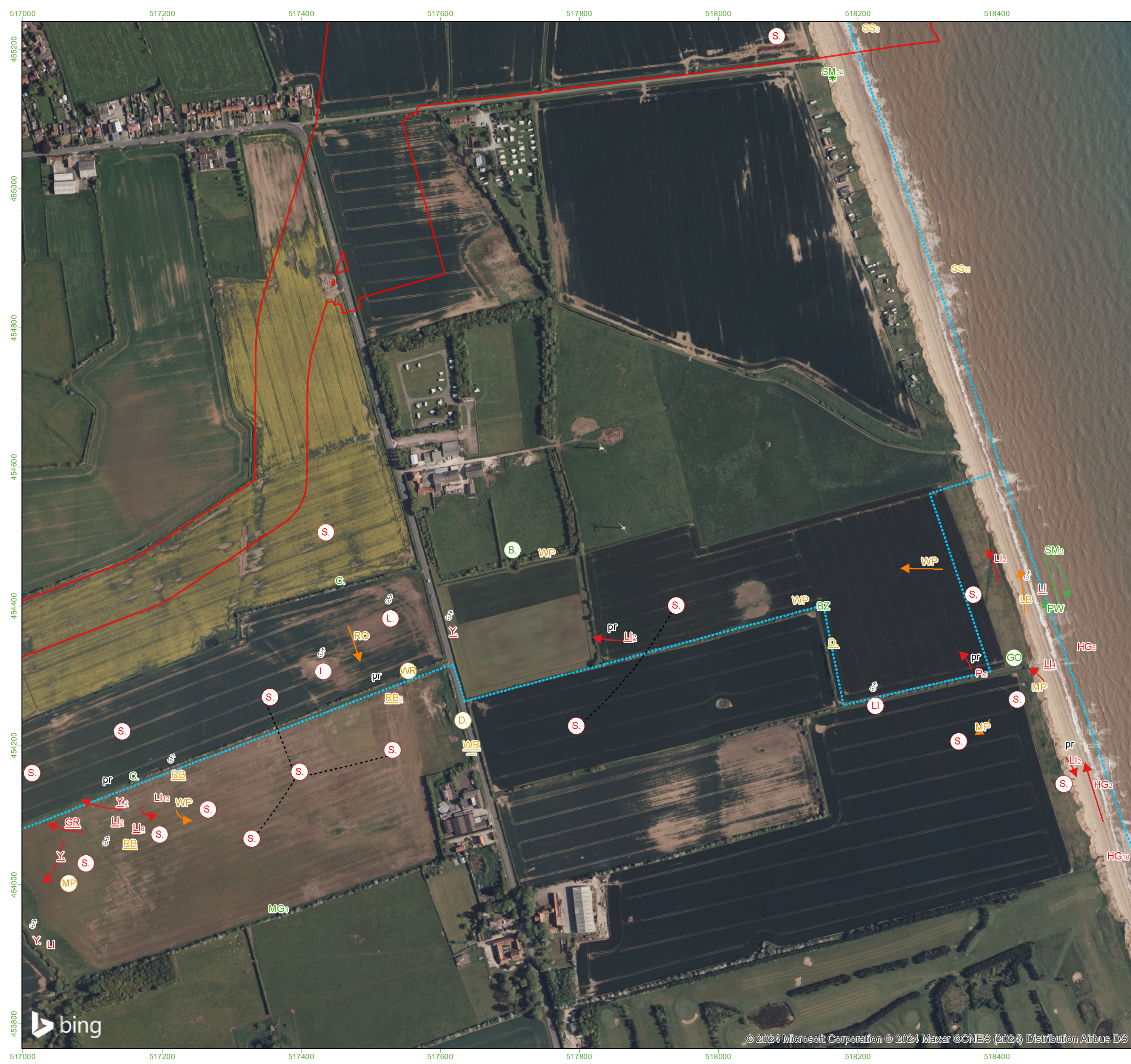
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_2	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_22.B

peakecology LIMITED
 COLLEGE CONSULTANTS

Arden House,
 Deepdale Business Park,
 Bakewell,
 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|---------------------------|------------------------|-------------------------------|
| Red listed species | MA - Mallard | CH - Chaffinch |
| CB - Corn Bunting | MH - Moorhen | CO - Coot |
| CU - Curlew | MP - Meadow Pipit | CT - Coal Tit |
| CX - Common Scoter | | CW - Cetti's Warbler |
| FF - Fieldfare | | ET - Little Egret |
| GR - Greenfinch | PG - Pink-footed Goose | FP - Feral Pigeon |
| HG - Herring Gull | RA - Razorbill | G. - Green Woodpecker |
| HM - House Martin | RB - Reed Bunting | GC - Goldcrest |
| HS - House Sparrow | RE - Redwing | GG - Great Crested Grebe |
| KI - Kittiwake | RK - Redshank | GO - Goldfinch |
| L - Lapwing | RO - Rook | GP - Golden Plover |
| LJ - Linnet | SD - Stock Dove | GS - Great Spotted Woodpecker |
| M. - Mistle Thrush | SE - Short-eared Owl | GT - Great Tit |
| MT - Marsh Tit | SH - Sparrowhawk | GW - Garden Warbler |
| P. - Grey Partridge | SN - Snipe | H. - Grey Heron |
| S. - Skylark | SS - Sanderling | HY - Hobby |
| SG - Starling | ST - Song Thrush | J. - Jay |
| SI - Swift | SU - Shelduck | JD - Jackdaw |
| TS - Tree Sparrow | SV - Shoveler | KE - Kingfisher |
| WC - Whinchat | SW - Sedge Warbler | LG - Little Grebe |
| Y. - Yellowhammer | T. - Teal | LT - Long-tailed Tit |
| YW - Yellow Wagtail | TE - Sandwich Tern | LW - Lesser Whitethroat |
| | TO - Tawny Owl | MG - Magpie |
| | W. - Wheatear | MS - Mute Swan |
| | WH - Whitethroat | NH - Nuthatch |
| | WN - Wigeon | PE - Peregrine |
| | WP - Wood Pigeon | PH - Pheasant |
| | WR - Wren | PW - Pied Wagtail |
| | WS - Whooper Swan | R. - Robin |
| | WW - Willow Warbler | RH - Red-throated Diver |
| | | RL - Red-legged Partridge |
| | | RN - Raven |
| | | SK - Siskin |
| | | SL - Swallow |
| | | SM - Sand Martin |
| | | TC - Treecreeper |

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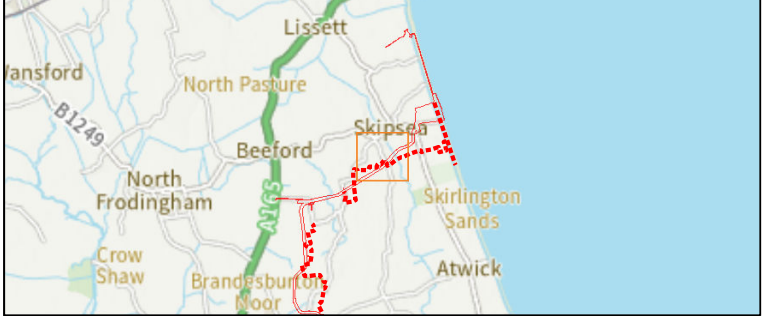
PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.2.C. Transect 1 , April - Visit 2

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_2	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_22.C

	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:5,300



Survey Information

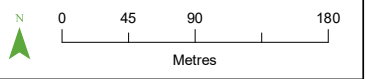
- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- ⋯ In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|-------------------------------|-----------------------------|-------------------------------|
| Red listed species | MA - Mallard | CH - Chaffinch |
| CB - Corn Bunting | MH - Moorhen | CO - Coot |
| CU - Curlew | MP - Meadow Pint | CT - Coal Tit |
| CX - Common Scoter | | CW - Cetti's Warbler |
| FF - Fieldfare | OC - Oystercatcher | ET - Little Egret |
| GR - Greenfinch | PG - Pink-footed Goose | FP - Feral Pigeon |
| HG - Herring Gull | RA - Razorbill | G. - Green Woodpecker |
| HM - House Martin | RB - Reed Bunting | GC - Goldcrest |
| HS - House Sparrow | RE - Redwing | GG - Great Crested Grebe |
| KI - Kittiwake | RK - Redshank | GO - Goldfinch |
| L - Lapwing | RO - Rook | GP - Golden Plover |
| LJ - Linnet | SD - Stock Dove | GS - Great Spotted Woodpecker |
| M. - Mistle Thrush | SE - Short-eared Owl | GT - Great Tit |
| MT - Marsh Tit | SH - Sparrowhawk | GW - Garden Warbler |
| P - Grey Partridge | SN - Snipe | H. - Grey Heron |
| S. - Skylark | SS - Sanderling | HY - Hobby |
| SG - Starling | ST - Song Thrush | J. - Jay |
| SI - Swift | SU - Shelduck | JD - Jackdaw |
| TS - Tree Sparrow | SV - Shoveler | KF - Kingfisher |
| WC - Whinchat | SW - Sedge Warbler | LG - Little Grebe |
| Y. - Yellowhammer | T. - Teal | LT - Long-tailed Tit |
| YW - Yellow Wagtail | TE - Sandwich Tern | LW - Lesser Whitethroat |
| | TO - Tawny Owl | MG - Magpie |
| | W. - Wheatear | MS - Mute Swan |
| Amber listed species | WH - Whitethroat | NH - Nuthatch |
| AE - Arctic Tern | WN - Wigeon | PE - Peregrine |
| BF - Bullfinch | WP - Wood Pigeon | PH - Pheasant |
| BH - Black-headed Gull | WR - Wren | PW - Pied Wagtail |
| CM - Common Gull | WS - Whooper Swan | R. - Robin |
| CN - Common Tern | WW - Willow Warbler | RH - Red-throated Diver |
| CS - Common Sandpiper | | RL - Red-legged Partridge |
| D. - Dunnock | | RN - Raven |
| F. - Fulmar | | RW - Reed Warbler |
| GA - Gadwall | | SK - Siskin |
| GB - Great Black-backed Gull | | SL - Swallow |
| GE - Green Sandpiper | | SM - Sand Martin |
| GJ - Greylag Goose | | TC - Treecreeper |
| GL - Grey Wagtail | | |
| GU - Guillemot | | |
| GV - Grey Plover | | |
| GX - Gannet | | |
| K. - Kestrel | | |
| LB - Lesser Black-backed Gull | | |
| | Green listed species | |
| | B. - Blackbird | |
| | BC - Blackcap | |
| | BO - Barn Owl | |
| | BT - Blue Tit | |
| | BZ - Buzzard | |
| | C. - Carrion Crow | |
| | CA - Cormorant | |
| | CC - Chiffchaff | |
| | CD - Collared Dove | |
| | CG - Canada Goose | |

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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

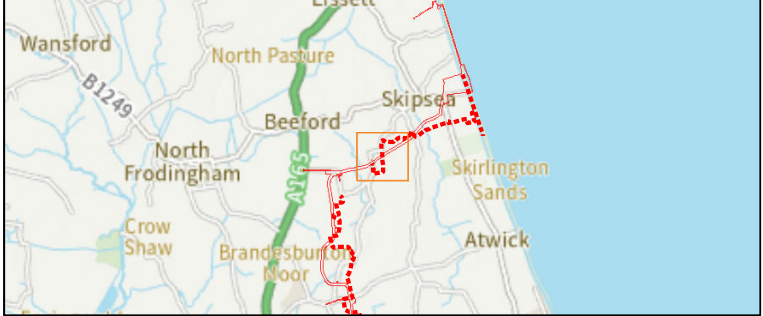
DRAWING TITLE
Figure 1.2.D. Transect 1 , April - Visit 2

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_2	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_22.D

	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:5,100





Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- ⋯ In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

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Red listed species	MA - Mallard	CH - Chaffinch
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GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LI - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
	W. - Wheatear	MS - Mute Swan
Amber listed species	WH - Whitethroat	NH - Nuthatch
AE - Arctic Tern	WN - Wigeon	PE - Peregrine
BF - Bullfinch	WP - Wood Pigeon	PH - Pheasant
BH - Black-headed Gull	WR - Wren	PW - Pied Wagtail
CM - Common Gull	WS - Whooper Swan	R. - Robin
CN - Common Tern	WW - Willow Warbler	RH - Red-throated Diver
CS - Common Sandpiper		RL - Red-legged Partridge
D. - Dunnock		RN - Raven
F. - Fulmar		RW - Reed Warbler
GA - Gadwall		SK - Siskin
GB - Great Black-backed Gull		SL - Swallow
GE - Green Sandpiper		SM - Sand Martin
GJ - Greylag Goose		TC - Treecreeper
GL - Grey Wagtail		
GU - Guillemot		
GV - Grey Plover		
GX - Gannet		
K. - Kestrel		
LB - Lesser Black-backed Gull		
	Green listed species	
	B. - Blackbird	
	BC - Blackcap	
	BO - Barn Owl	
	BT - Blue Tit	
	BZ - Buzzard	
	C. - Carrion Crow	
	CA - Cormorant	
	CC - Chiffchaff	
	CD - Collared Dove	
	CG - Canada Goose	



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 Ordnance Survey 0100031673.

PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.2.E. Transect 1 , April - Visit 2

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_2	MP	CP

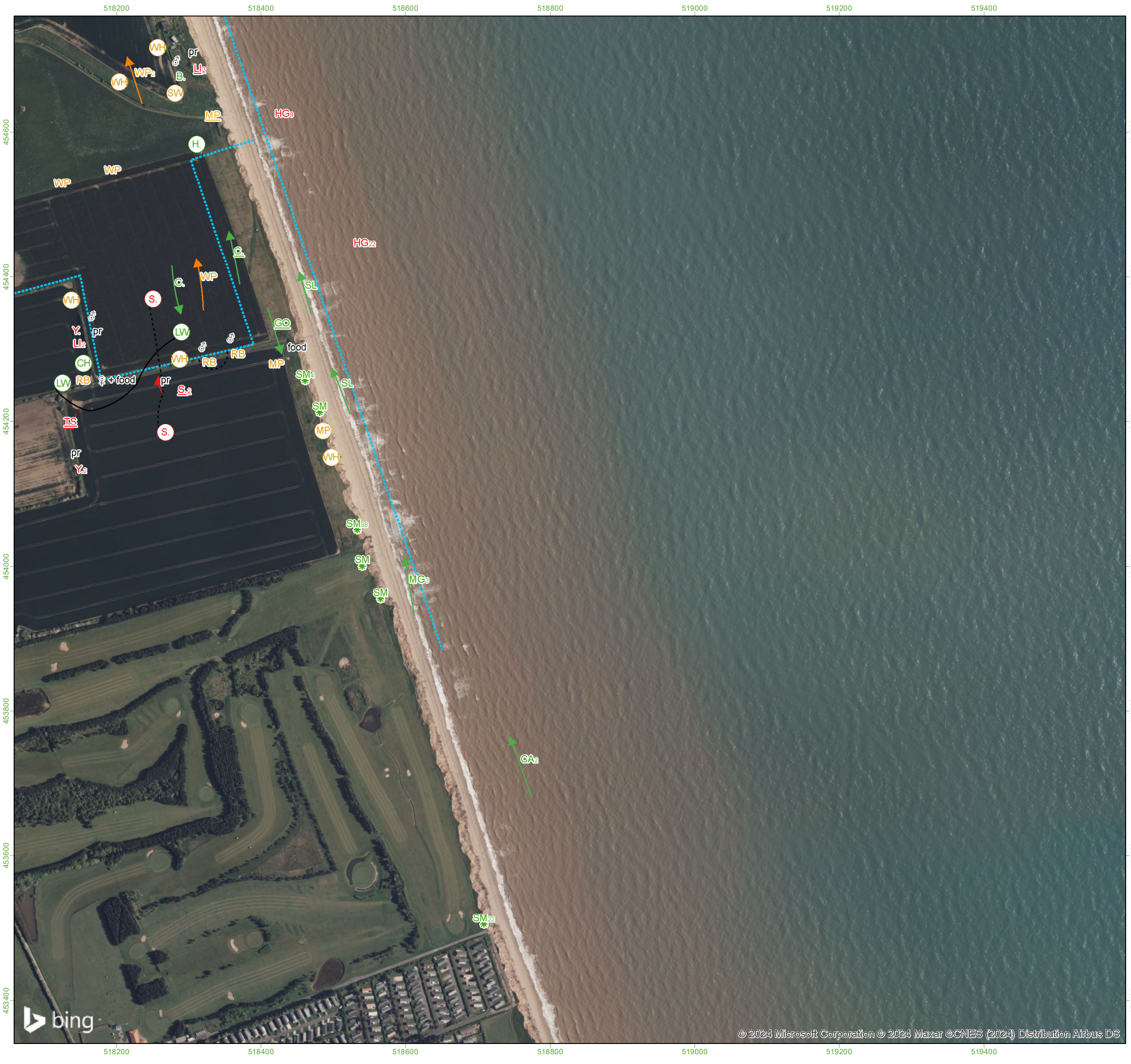
DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_22.E



peakecology LIMITED
 Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT.
www.peakecology.co.uk

DATUM OSGB
 PROJECTION BNG
 PLOT SIZE A3
 SCALE 1:5,100





Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- ⊗ Bird singing
- ☼ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

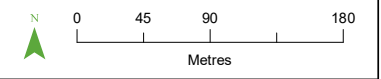
Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pint	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	W. - Wheatear	MG - Magpie
Amber listed species	WH - Whitethroat	MS - Mute Swan
AE - Arctic Tern	WN - Wigeon	NH - Nuthatch
BF - Bullfinch	WP - Wood Pigeon	PE - Peregrine
BH - Black-headed Gull	WR - Wren	PH - Pheasant
CM - Common Gull	WS - Whooper Swan	PW - Pied Wagtail
CN - Common Tern	WW - Willow Warbler	R. - Robin
D. - Dunnock		RH - Red-throated Diver
F. - Fulmar		RL - Red-legged Partridge
GA - Gadwall		RN - Raven
GB - Great Black-backed Gull		RW - Reed Warbler
GE - Green Sandpiper		SK - Siskin
GJ - Greylag Goose		SL - Swallow
GL - Grey Wagtail		SM - Sand Martin
GU - Guillemot		TC - Treecreeper
GV - Grey Plover		
GX - Gannet		
K. - Kestrel		
LB - Lesser Black-backed Gull		
	Green listed species	
	B. - Blackbird	
	BC - Blackcap	
	BO - Barn Owl	
	BT - Blue Tit	
	BZ - Buzzard	
	C. - Carrion Crow	
	CA - Cormorant	
	CC - Chiffchaff	
	CD - Collared Dove	
	CG - Canada Goose	

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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.3.A. Transect 1, May - Visit 3

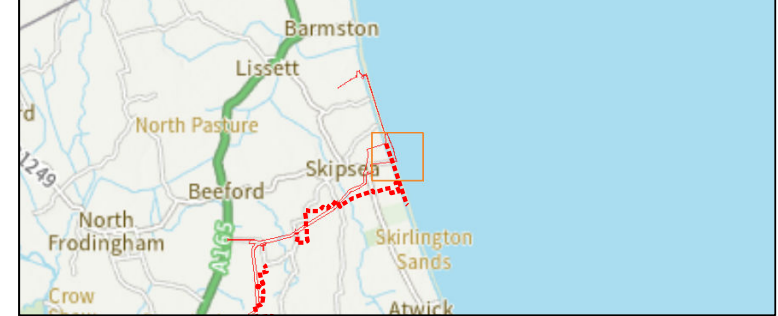
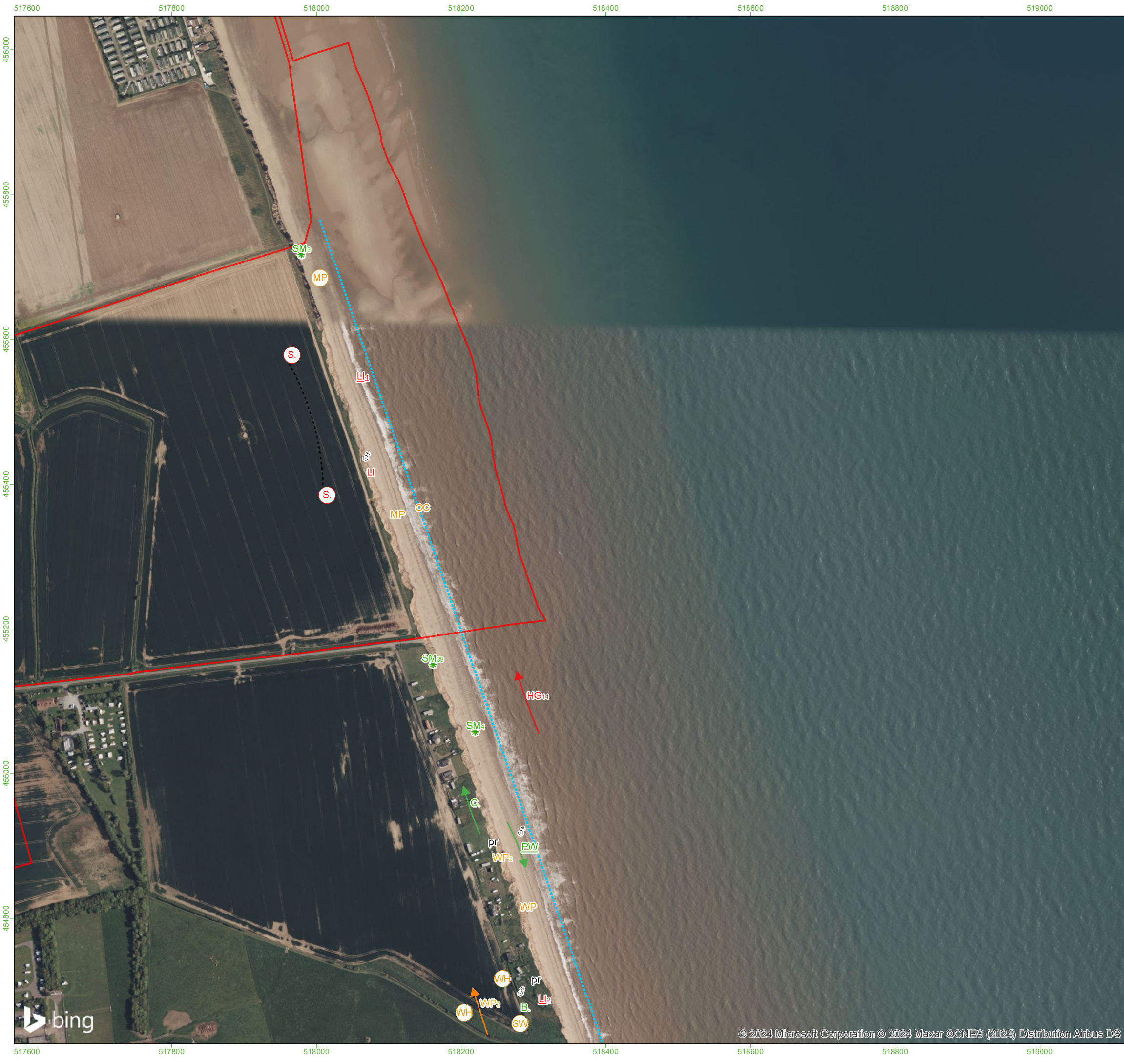
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_3	MP	CP

DRAWING NUMBER: **PeakEcology/DB2BBS2023/T1_33.A**

peakecology LIMITED
 COLLEGE CONSULTANTS

Arden House,
 Deepdale Business Park,
 Bakewell,
 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

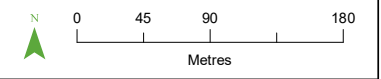
Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

<p>Red listed species</p> <ul style="list-style-type: none"> CB - Corn Bunting CU - Curlew CX - Common Scoter FF - Fieldfare GR - Greenfinch HG - Herring Gull HM - House Martin HS - House Sparrow KI - Kittiwake L - Lapwing LJ - Linnet M - Mistle Thrush MT - Marsh Tit P - Grey Partridge S - Skylark SG - Starling SI - Swift TS - Tree Sparrow WC - Whinchat Y - Yellowhammer YW - Yellow Wagtail 	<ul style="list-style-type: none"> MA - Mallard MH - Moorhen MP - Meadow Pint PG - Pink-footed Goose RA - Razorbill RB - Reed Bunting RE - Redwing RK - Redshank RO - Rook SD - Stock Dove SE - Short-eared Owl SH - Sparrowhawk SN - Snipe SS - Sanderling ST - Song Thrush SU - Shelduck SV - Shoveler SW - Sedge Warbler T - Teal TE - Sandwich Tern TO - Tawny Owl W - Wheatear WH - Whitethroat WN - Wigeon WP - Wood Pigeon WR - Wren WS - Whooper Swan WW - Willow Warbler 	<ul style="list-style-type: none"> CH - Chaffinch CO - Coot CT - Coal Tit CW - Cetti's Warbler ET - Little Egret FP - Feral Pigeon G - Green Woodpecker GC - Goldcrest GG - Great Crested Grebe GO - Goldfinch GP - Golden Plover GS - Great Spotted Woodpecker GT - Great Tit GW - Garden Warbler H - Grey Heron HY - Hobby J - Jay JD - Jackdaw KF - Kingfisher LG - Little Grebe LT - Long-tailed Tit LW - Lesser Whitethroat MG - Magpie MS - Mute Swan NH - Nuthatch PE - Peregrine PH - Pheasant PW - Pied Wagtail R - Robin RH - Red-throated Diver RL - Red-legged Partridge RN - Raven RW - Reed Warbler SK - Siskin SL - Swallow SM - Sand Martin TC - Treecreeper
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 Ordnance Survey 0100031673.



PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.3.B. Transect 1 , May - Visit 3

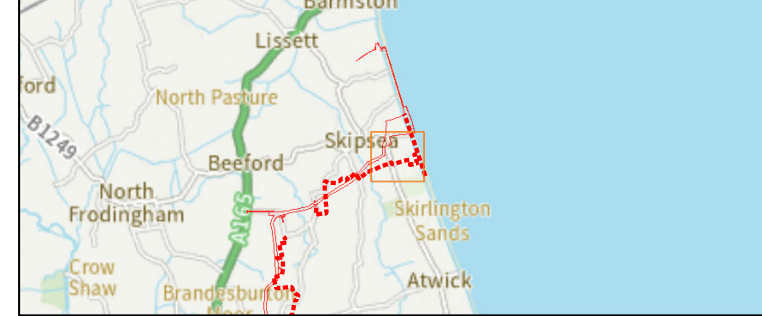
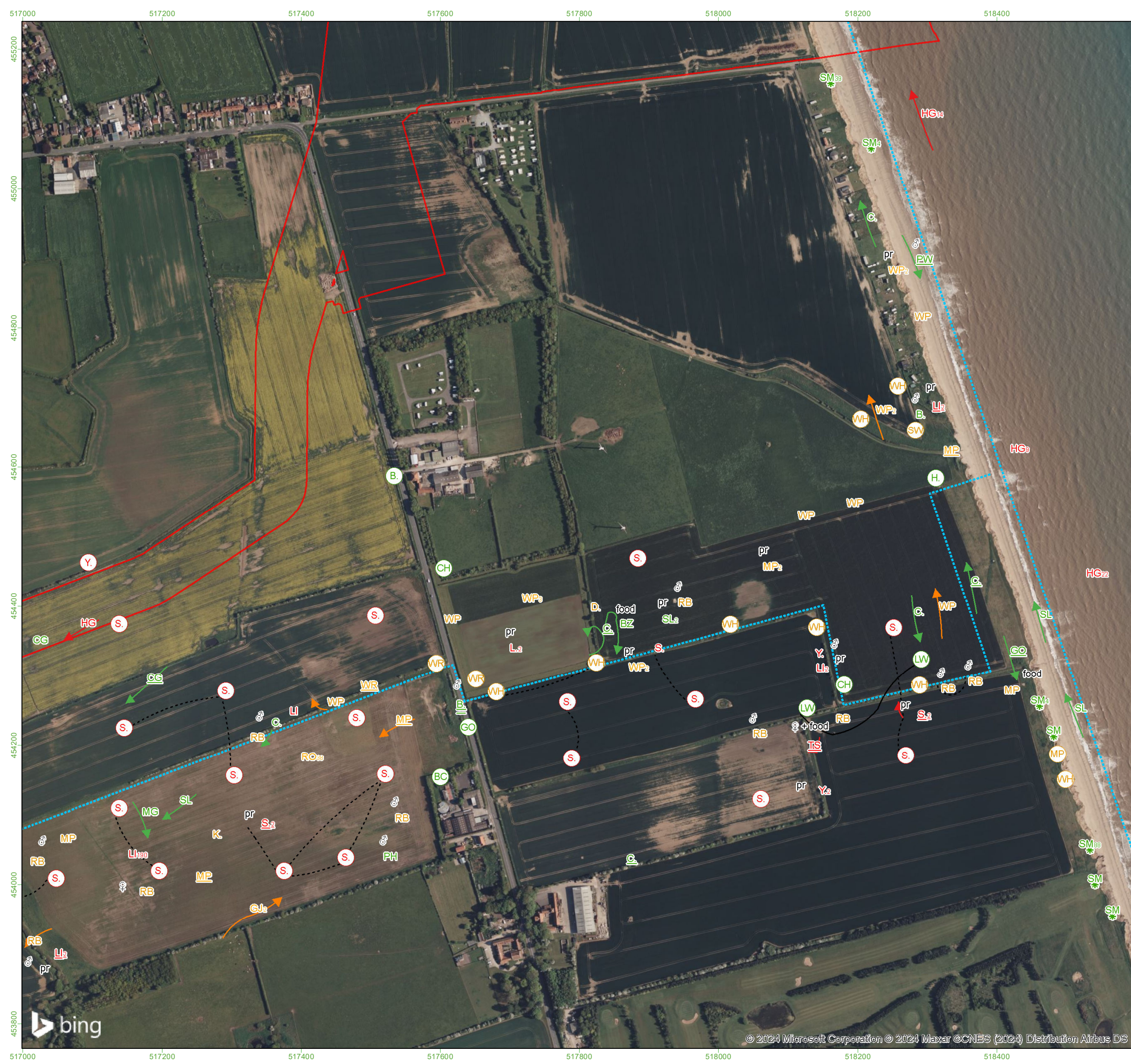
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_3	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_33.B

peakecology LIMITED
 COLLEGE CONSULTANTS

Arden House,
 Deepdale Business Park,
 Bakewell,
 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- ☀ Bird - aggressive encounter
- ➔ Red
- ➔ Amber
- ➔ Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:
 Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|--|--|---|
| <p>Red listed species</p> <ul style="list-style-type: none"> CB - Corn Bunting CU - Curlew CX - Common Scoter FF - Fieldfare GR - Greenfinch HG - Herring Gull HM - House Martin HS - House Sparrow KI - Kittiwake L - Lapwing LJ - Linnet M - Mistle Thrush MT - Marsh Tit P - Grey Partridge S - Skylark SG - Starling SI - Swift TS - Tree Sparrow WC - Whinchat Y - Yellowhammer YW - Yellow Wagtail | <ul style="list-style-type: none"> MA - Mallard MH - Moorhen MP - Meadow Pipit PG - Pink-footed Goose RA - Razorbill RB - Reed Bunting RE - Redwing RK - Redshank RO - Rook SD - Stock Dove SE - Short-eared Owl SH - Sparrowhawk SN - Snipe SS - Sanderling ST - Song Thrush SU - Shelduck SV - Shoveler SW - Sedge Warbler T - Teal TE - Sandwich Tern TO - Tawny Owl W - Wheatear WH - Whitethroat WN - Wigeon WP - Wood Pigeon WR - Wren WS - Whooper Swan WW - Willow Warbler | <ul style="list-style-type: none"> CH - Chaffinch CO - Coot CT - Coal Tit CW - Cetti's Warbler ET - Little Egret FP - Feral Pigeon G - Green Woodpecker GC - Goldcrest GG - Great Crested Grebe GO - Goldfinch GP - Golden Plover GS - Great Spotted Woodpecker GT - Great Tit GW - Garden Warbler H - Grey Heron HY - Hobby J - Jay JD - Jackdaw KF - Kingfisher LG - Little Grebe LT - Long-tailed Tit LW - Lesser Whitethroat MG - Magpie MS - Mute Swan NH - Nuthatch PE - Peregrine PH - Pheasant PW - Pied Wagtail R - Robin RH - Red-throated Diver RL - Red-legged Partridge RN - Raven RW - Reed Warbler SK - Siskin SL - Swallow SM - Sand Martin TC - Treecreeper |
|--|--|---|



PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.3.C. Transect 1 , May - Visit 3

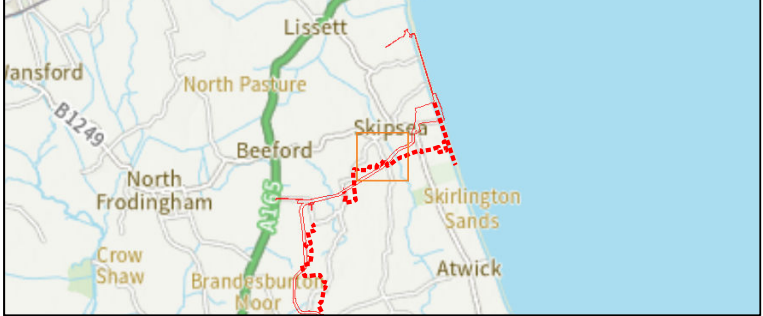
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_3	MP	CP

DRAWING NUMBER: **PeakEcology/DB2BBS2023/T1_33.C**

COLLEGGIA EDISLIANIS

Arden House,
Deepdale Business Park,
Bakewell,
Derbyshire,
DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,300



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|-------------------------------|------------------------|-------------------------------|
| Red listed species | MA - Mallard | CH - Chaffinch |
| CB - Corn Bunting | MH - Moorhen | CO - Coot |
| CU - Curlew | MP - Meadow Pipit | CT - Coal Tit |
| CX - Common Scoter | | CW - Cetti's Warbler |
| FF - Fieldfare | | ET - Little Egret |
| GR - Greenfinch | PG - Pink-footed Goose | FP - Feral Pigeon |
| HG - Herring Gull | RA - Razorbill | G. - Green Woodpecker |
| HM - House Martin | RB - Reed Bunting | GC - Goldcrest |
| HS - House Sparrow | RE - Redwing | GG - Great Crested Grebe |
| KI - Kittiwake | RK - Redshank | GO - Goldfinch |
| L - Lapwing | RO - Rook | GP - Golden Plover |
| LJ - Linnet | SD - Stock Dove | GS - Great Spotted Woodpecker |
| M. - Mistle Thrush | SE - Short-eared Owl | GT - Great Tit |
| MT - Marsh Tit | SH - Sparrowhawk | GW - Garden Warbler |
| P. - Grey Partridge | SN - Snipe | H. - Grey Heron |
| S. - Skylark | SS - Sanderling | HY - Hobby |
| SG - Starling | ST - Song Thrush | J. - Jay |
| SI - Swift | SU - Shelduck | JD - Jackdaw |
| TS - Tree Sparrow | SV - Shoveler | JF - Kingfisher |
| WC - Whinchat | SW - Sedge Warbler | LG - Little Grebe |
| Y. - Yellowhammer | T. - Teal | LT - Long-tailed Tit |
| YW - Yellow Wagtail | TE - Sandwich Tern | LW - Lesser Whitethroat |
| | TO - Tawny Owl | MG - Magpie |
| | W. - Wheatear | MS - Mute Swan |
| | WH - Whitethroat | NH - Nuthatch |
| | WN - Wigeon | PE - Peregrine |
| | WP - Wood Pigeon | PH - Pheasant |
| | WR - Wren | PW - Pied Wagtail |
| | WS - Whooper Swan | R. - Robin |
| | WW - Willow Warbler | RH - Red-throated Diver |
| | | RL - Red-legged Partridge |
| | | RN - Raven |
| | | RW - Reed Warbler |
| | | SK - Siskin |
| | | SL - Swallow |
| | | SM - Sand Martin |
| | | TC - Treecreeper |
| Amber listed species | | |
| AE - Arctic Tern | | |
| BF - Bullfinch | | |
| BH - Black-headed Gull | | |
| CM - Common Gull | | |
| CN - Common Tern | | |
| CS - Common Sandpiper | | |
| D. - Dunnock | | |
| F. - Fulmar | | |
| GA - Gadwall | | |
| GB - Great Black-backed Gull | | |
| GE - Green Sandpiper | | |
| GJ - Greylag Goose | | |
| GL - Grey Wagtail | | |
| GU - Guillemot | | |
| GV - Grey Plover | | |
| GX - Gannet | | |
| K. - Kestrel | | |
| LB - Lesser Black-backed Gull | | |
| Green listed species | | |
| B. - Blackbird | | |
| BC - Blackcap | | |
| BO - Barn Owl | | |
| BT - Blue Tit | | |
| BZ - Buzzard | | |
| C. - Carrion Crow | | |
| CA - Cormorant | | |
| CC - Chiffchaff | | |
| CD - Collared Dove | | |
| CG - Canada Goose | | |



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 Ordnance Survey 0100031673.

PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.3.D. Transect 1 , May - Visit 3

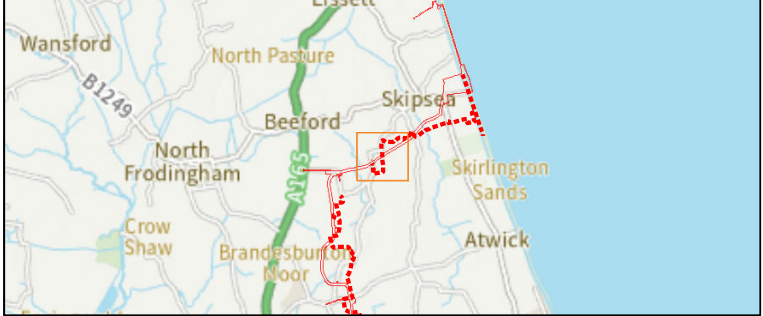
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_3	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_33.D

COLLECTING CONSULTANTS

Arden House,
 Deepdale Business Park,
 Bakewell,
 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- ⋯ In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew		CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare	OC - Oystercatcher	ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LI - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
	W. - Wheatear	MS - Mute Swan
Amber listed species	WH - Whitethroat	NH - Nuthatch
AE - Arctic Tern	WN - Wigeon	PE - Peregrine
BF - Bullfinch	WP - Wood Pigeon	PH - Pheasant
BH - Black-headed Gull	WR - Wren	PW - Pied Wagtail
CM - Common Gull	WS - Whooper Swan	R. - Robin
CN - Common Tern	WW - Willow Warbler	RH - Red-throated Diver
CS - Common Sandpiper		RL - Red-legged Partridge
D. - Dunnock		RN - Raven
F. - Fulmar	Green listed species	RW - Reed Warbler
GA - Gadwall	B. - Blackbird	SK - Siskin
GB - Great Black-backed Gull	BC - Blackcap	SL - Swallow
GE - Green Sandpiper	BO - Barn Owl	SM - Sand Martin
GJ - Greylag Goose	BT - Blue Tit	TC - Treecreeper
GL - Grey Wagtail	BZ - Buzzard	
GU - Guillemot	C. - Carrion Crow	
GV - Grey Plover	CA - Cormorant	
GX - Gannet	CC - Chiffchaff	
K. - Kestrel	CD - Collared Dove	
LB - Lesser Black-backed Gull	CG - Canada Goose	



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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.3.E. Transect 1, May - Visit 3

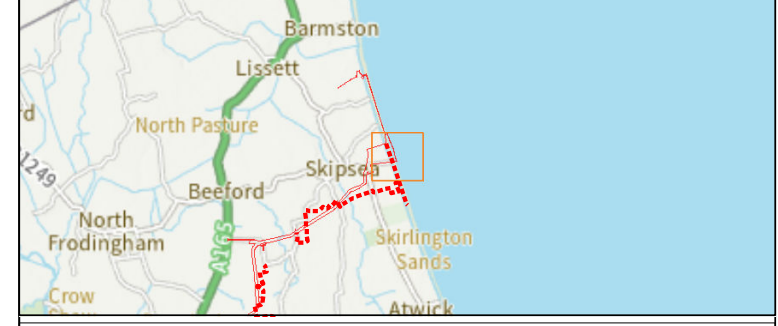
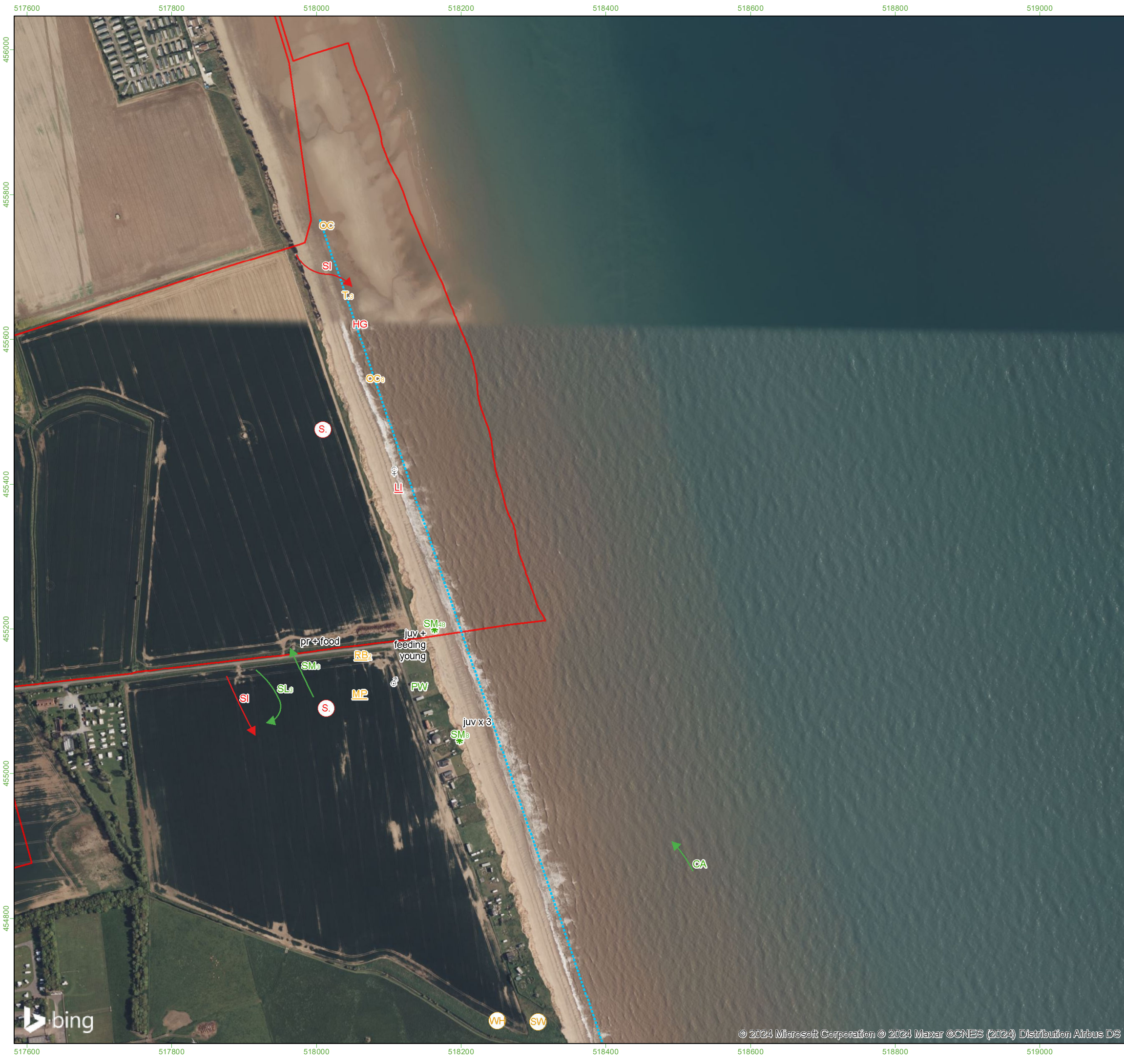
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_3	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_33.E

peakecology LIMITED
 Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT.
www.peakecology.co.uk

DATUM OSGB
 PROJECTION BNG
 PLOT SIZE A3
 SCALE 1:5,100





Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pipit	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	JK - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
	W. - Wheatear	MS - Mute Swan
Amber listed species	WH - Whitethroat	NH - Nuthatch
AE - Arctic Tern	WN - Wigeon	PE - Peregrine
BF - Bullfinch	WP - Wood Pigeon	PH - Pheasant
BH - Black-headed Gull	WR - Wren	PW - Pied Wagtail
CM - Common Gull	WS - Whooper Swan	R. - Robin
CN - Common Tern	WW - Willow Warbler	RH - Red-throated Diver
CS - Common Sandpiper		RL - Red-legged Partridge
D. - Dunnock		RN - Raven
F. - Fulmar	Green listed species	RW - Reed Warbler
GA - Gadwall	B. - Blackbird	SK - Siskin
GB - Great Black-backed Gull	BC - Blackcap	SL - Swallow
GE - Green Sandpiper	BO - Barn Owl	SM - Sand Martin
GJ - Greylag Goose	BT - Blue Tit	TC - Treecreeper
GL - Grey Wagtail	BZ - Buzzard	
GU - Guillemot	C. - Carrion Crow	
GV - Grey Plover	CA - Cormorant	
GX - Gannet	CC - Chiffchaff	
K. - Kestrel	CD - Collared Dove	
LB - Lesser Black-backed Gull	CG - Canada Goose	



PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.4.B. Transect 1 , June - Visit 4

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_4	MP	CP

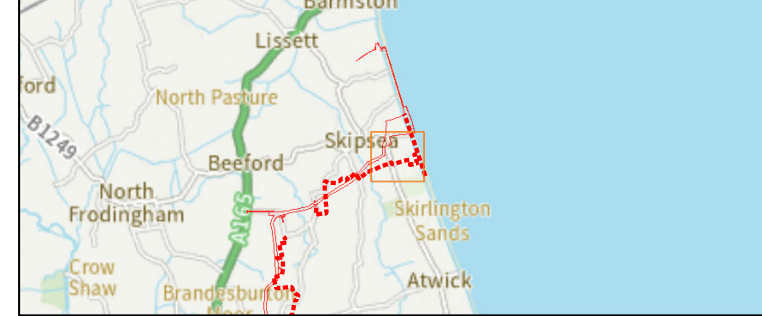
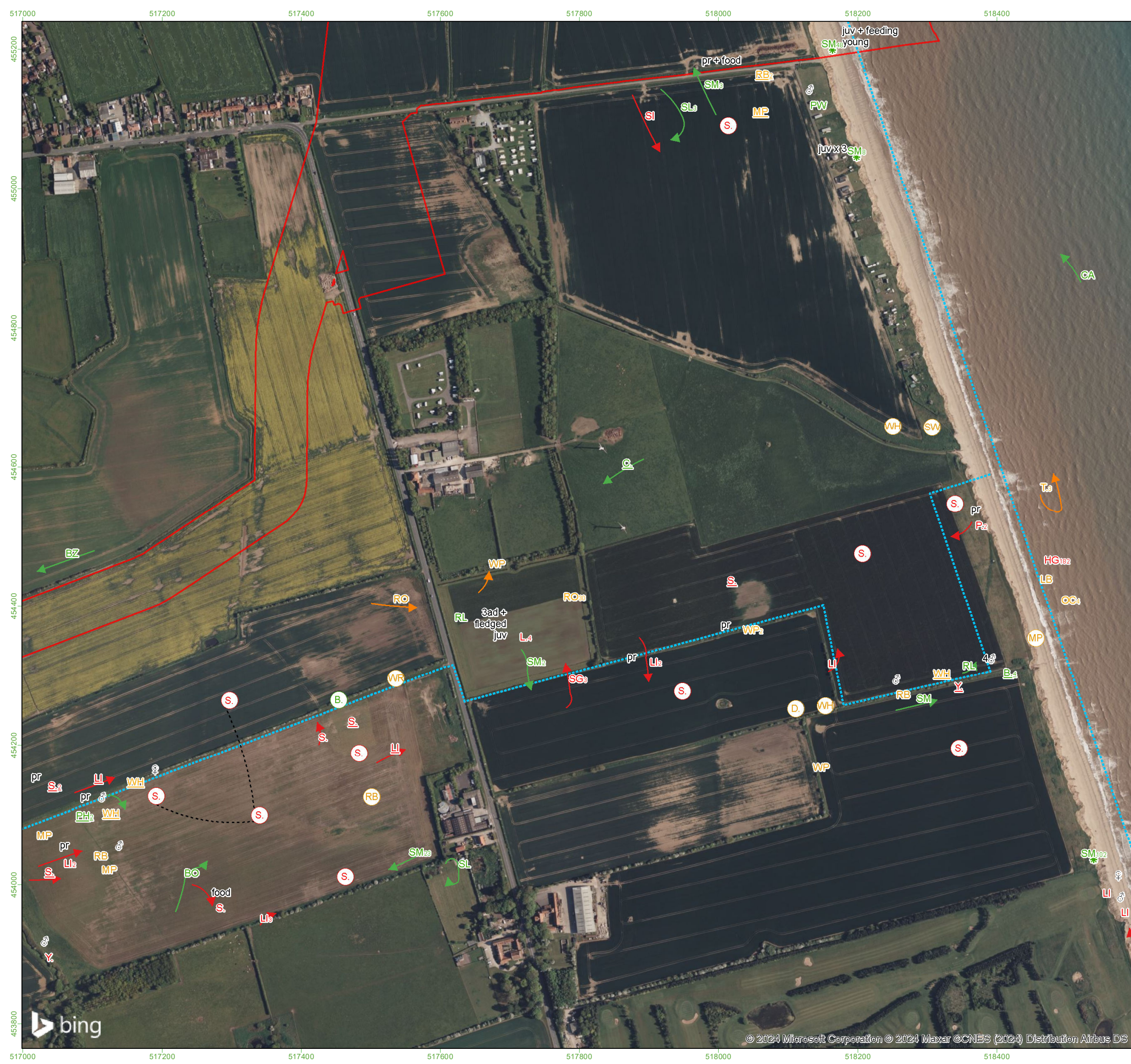
DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_44.B

peakecology LIMITED
 COLLEGE CONSULTANTS

Arden House,
 Deepdale Business Park,
 Bakewell,
 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100





Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- - - - - In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|---------------------------|------------------------|-------------------------------|
| Red listed species | MA - Mallard | CH - Chaffinch |
| CB - Corn Bunting | MH - Moorhen | CO - Coot |
| CU - Curlew | MP - Meadow Pipit | CT - Coal Tit |
| CX - Common Scoter | | CW - Cetti's Warbler |
| FF - Fieldfare | OC - Oystercatcher | ET - Little Egret |
| GR - Greenfinch | PG - Pink-footed Goose | FP - Feral Pigeon |
| HG - Herring Gull | RA - Razorbill | G. - Green Woodpecker |
| HM - House Martin | RB - Reed Bunting | GC - Goldcrest |
| HS - House Sparrow | RE - Redwing | GG - Great Crested Grebe |
| KI - Kittiwake | RK - Redshank | GO - Goldfinch |
| L - Lapwing | RO - Rook | GP - Golden Plover |
| LJ - Linnet | SD - Stock Dove | GS - Great Spotted Woodpecker |
| M. - Mistle Thrush | SE - Short-eared Owl | GT - Great Tit |
| MT - Marsh Tit | SH - Sparrowhawk | GW - Garden Warbler |
| P. - Grey Partridge | SN - Snipe | H. - Grey Heron |
| S. - Skylark | SS - Sanderling | HY - Hobby |
| SG - Starling | ST - Song Thrush | J. - Jay |
| SI - Swift | SU - Shelduck | JD - Jackdaw |
| TS - Tree Sparrow | SV - Shoveler | JK - Kingfisher |
| WC - Whinchat | SW - Sedge Warbler | LG - Little Grebe |
| Y. - Yellowhammer | T. - Teal | LT - Long-tailed Tit |
| YW - Yellow Wagtail | TE - Sandwich Tern | LW - Lesser Whitethroat |
| | TO - Tawny Owl | MG - Magpie |
| | W. - Wheatear | MS - Mute Swan |
| | WH - Whitethroat | NH - Nuthatch |
| | WN - Wigeon | PE - Peregrine |
| | WP - Wood Pigeon | PH - Pheasant |
| | WR - Wren | PW - Pied Wagtail |
| | WS - Whooper Swan | R. - Robin |
| | WW - Willow Warbler | RH - Red-throated Diver |
| | | RL - Red-legged Partridge |
| | | RN - Raven |
| | | RW - Reed Warbler |
| | | SK - Siskin |
| | | SL - Swallow |
| | | SM - Sand Martin |
| | | TC - Treecreeper |

Source:
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 Ordnance Survey 0100031673.

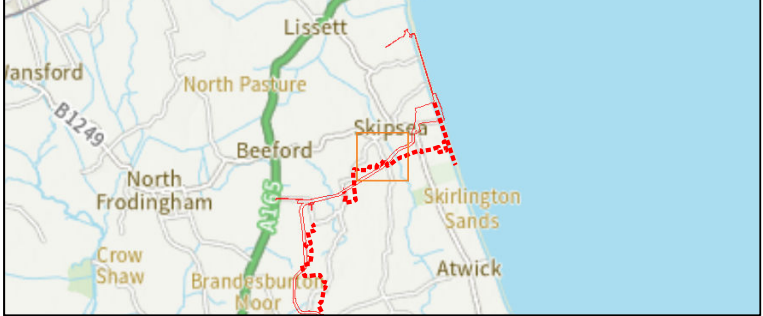
PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.4.C. Transect 1 , June - Visit 4

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_4	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_44.C

	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:5,300



Survey Information

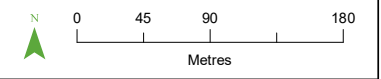
	Onshore Development Area		Transect route
x	Bird - alarm call	→	Red
x	Bird sighting	→	Amber
x	Bird calling	→	Green
⊗	Bird singing		Same bird
	Bird - aggressive encounter		In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pipit	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	JF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
	W. - Wheatear	MS - Mute Swan
	WH - Whitethroat	NH - Nuthatch
	WN - Wigeon	PE - Peregrine
	WP - Wood Pigeon	PH - Pheasant
	WR - Wren	PW - Pied Wagtail
	WS - Whooper Swan	R. - Robin
	WW - Willow Warbler	RH - Red-throated Diver
		RL - Red-legged Partridge
		RN - Raven
		RW - Reed Warbler
		SK - Siskin
		SL - Swallow
		SM - Sand Martin
		TC - Treecreeper
Amber listed species		
AE - Arctic Tern		
BF - Bullfinch		
BH - Black-headed Gull		
CM - Common Gull		
CN - Common Tern		
CS - Common Sandpiper		
D. - Duncock		
F. - Fulmar		
GA - Gadwall		
GB - Great Black-backed Gull		
GE - Green Sandpiper		
GJ - Greylag Goose		
GL - Grey Wagtail		
GU - Guillemot		
GV - Grey Plover		
GX - Gannet		
K. - Kestrel		
LB - Lesser Black-backed Gull		
Green listed species		
B. - Blackbird		
BC - Blackcap		
BO - Barn Owl		
BT - Blue Tit		
GL - Grey Wagtail		
GU - Guillemot		
C. - Carrion Crow		
CA - Cormorant		
CC - Chiffchaff		
CD - Collared Dove		
CG - Canada Goose		

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 Ordnance Survey 0100031673.



PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.4.D. Transect 1, June - Visit 4

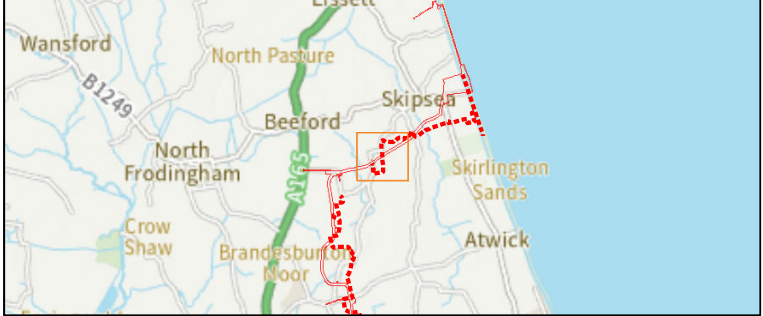
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_4	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_44.D

Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100





Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pipit	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P - Grey Partridge	SN - Snipe	H - Grey Heron
S - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y - Yellowhammer	T - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
Amber listed species	W - Wheatear	MS - Mute Swan
AE - Arctic Tern	WH - Whitethroat	NH - Nuthatch
BF - Bullfinch	WN - Wigeon	PE - Peregrine
BH - Black-headed Gull	WP - Wood Pigeon	PH - Pheasant
CM - Common Gull	WR - Wren	PW - Pied Wagtail
CN - Common Tern	WS - Whooper Swan	R - Robin
CS - Common Sandpiper	WW - Willow Warbler	RH - Red-throated Diver
D - Dunnock		RL - Red-legged Partridge
F - Fulmar	Green listed species	RN - Raven
GA - Gadwall	B - Blackbird	RW - Reed Warbler
GB - Great Black-backed Gull	BC - Blackcap	SK - Siskin
GE - Green Sandpiper	BO - Barn Owl	SL - Swallow
GJ - Greylag Goose	BT - Blue Tit	SM - Sand Martin
GL - Grey Wagtail	BZ - Buzzard	TC - Treecreeper
GU - Guillemot	C - Carrion Crow	
GV - Grey Plover	CA - Cormorant	
GX - Gannet	CC - Chiffchaff	
K - Kestrel	CD - Collared Dove	
LB - Lesser Black-backed Gull	CG - Canada Goose	



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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.4.E. Transect 1 , June - Visit 4

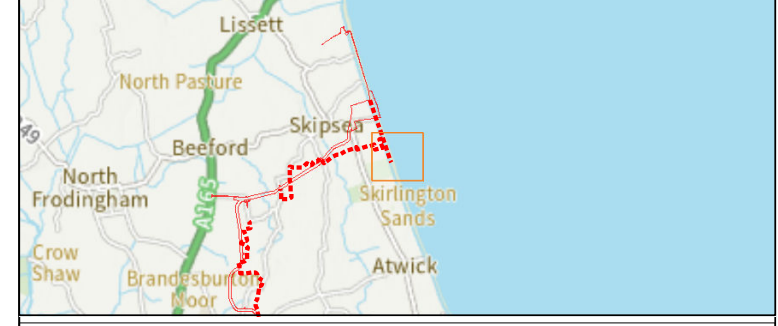
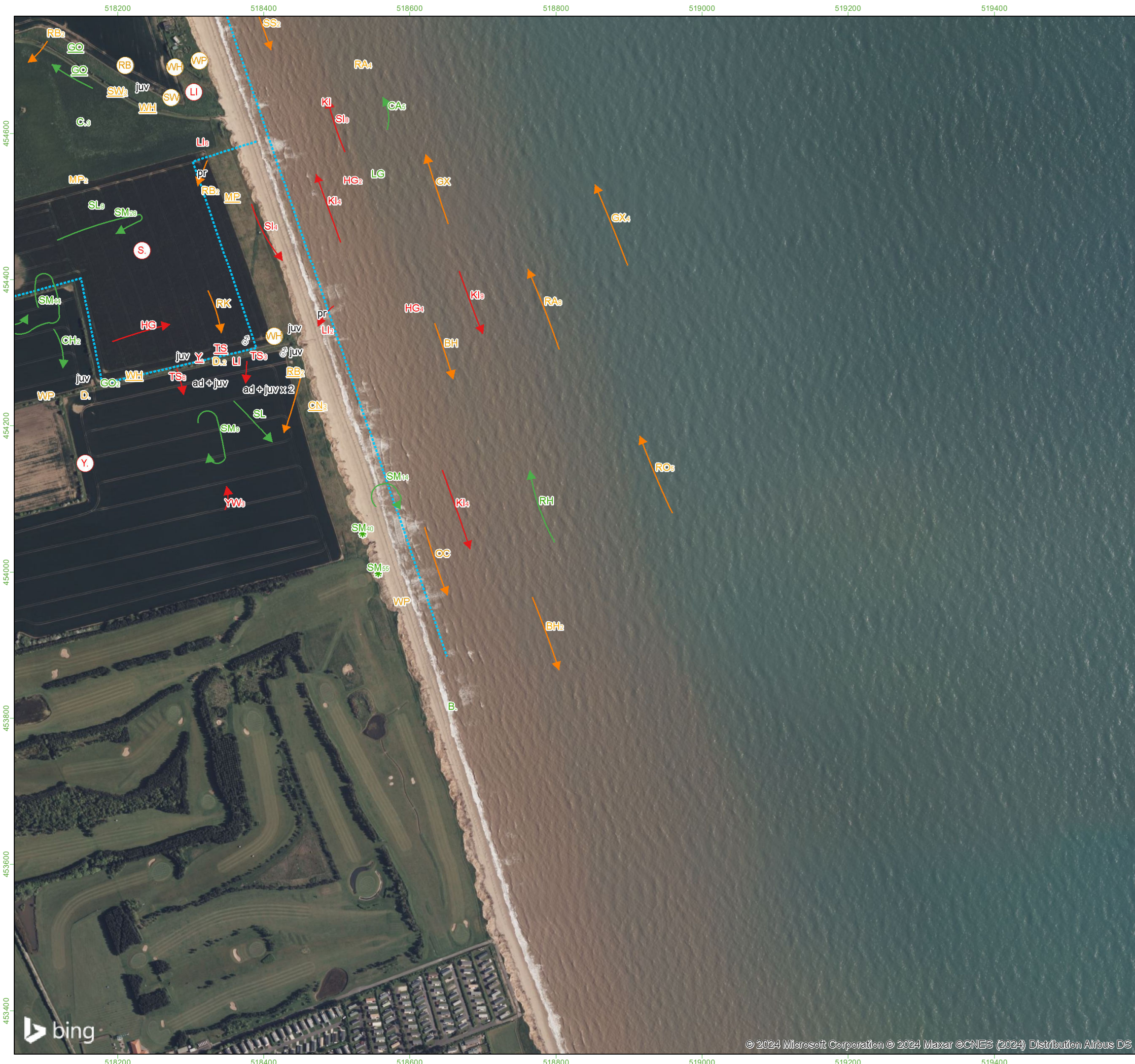
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_4	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_44.E

Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100





Survey Information

 Onshore Development Area	 Transect route
x Bird - alarm call	➔ Red
x Bird sighting	➔ Amber
x Bird calling	➔ Green
(x) Bird singing	— Same bird
☼ Bird - aggressive encounter	- - - In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pipit	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LI - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
Amber listed species	W. - Wheatear	MS - Mute Swan
AE - Arctic Tern	WH - Whitethroat	NH - Nuthatch
BF - Bullfinch	WN - Wigeon	PE - Peregrine
BH - Black-headed Gull	WP - Wood Pigeon	PH - Pheasant
CM - Common Gull	WR - Wren	PW - Pied Wagtail
CN - Common Tern	WS - Whooper Swan	R. - Robin
CS - Common Sandpiper	WW - Willow Warbler	RH - Red-throated Diver
D. - Duncock		RL - Red-legged Partridge
F. - Fulmar		RN - Raven
GA - Gadwall		RW - Reed Warbler
GB - Great Black-backed Gull		SK - Siskin
GE - Green Sandpiper		SL - Swallow
GJ - Greylag Goose		SM - Sand Martin
GL - Grey Wagtail		TC - Treecreeper
GU - Guillemot		
GV - Grey Plover		
GX - Gannet		
K. - Kestrel		
LB - Lesser Black-backed Gull		
	Green listed species	
	B. - Blackbird	
	BC - Blackcap	
	BO - Barn Owl	
	BT - Blue Tit	
	BZ - Buzzard	
	C. - Carrion Crow	
	CA - Cormorant	
	CC - Chiffchaff	
	CD - Collared Dove	
	CG - Canada Goose	



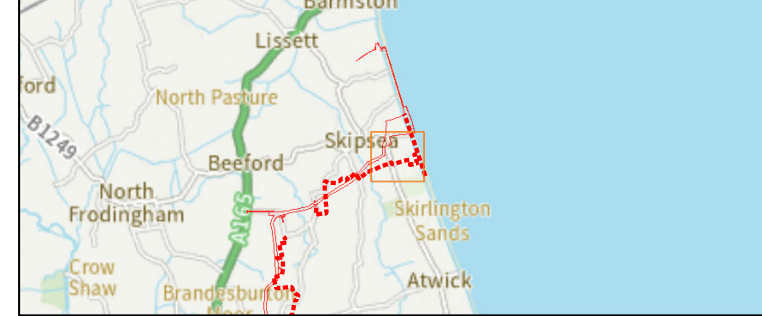
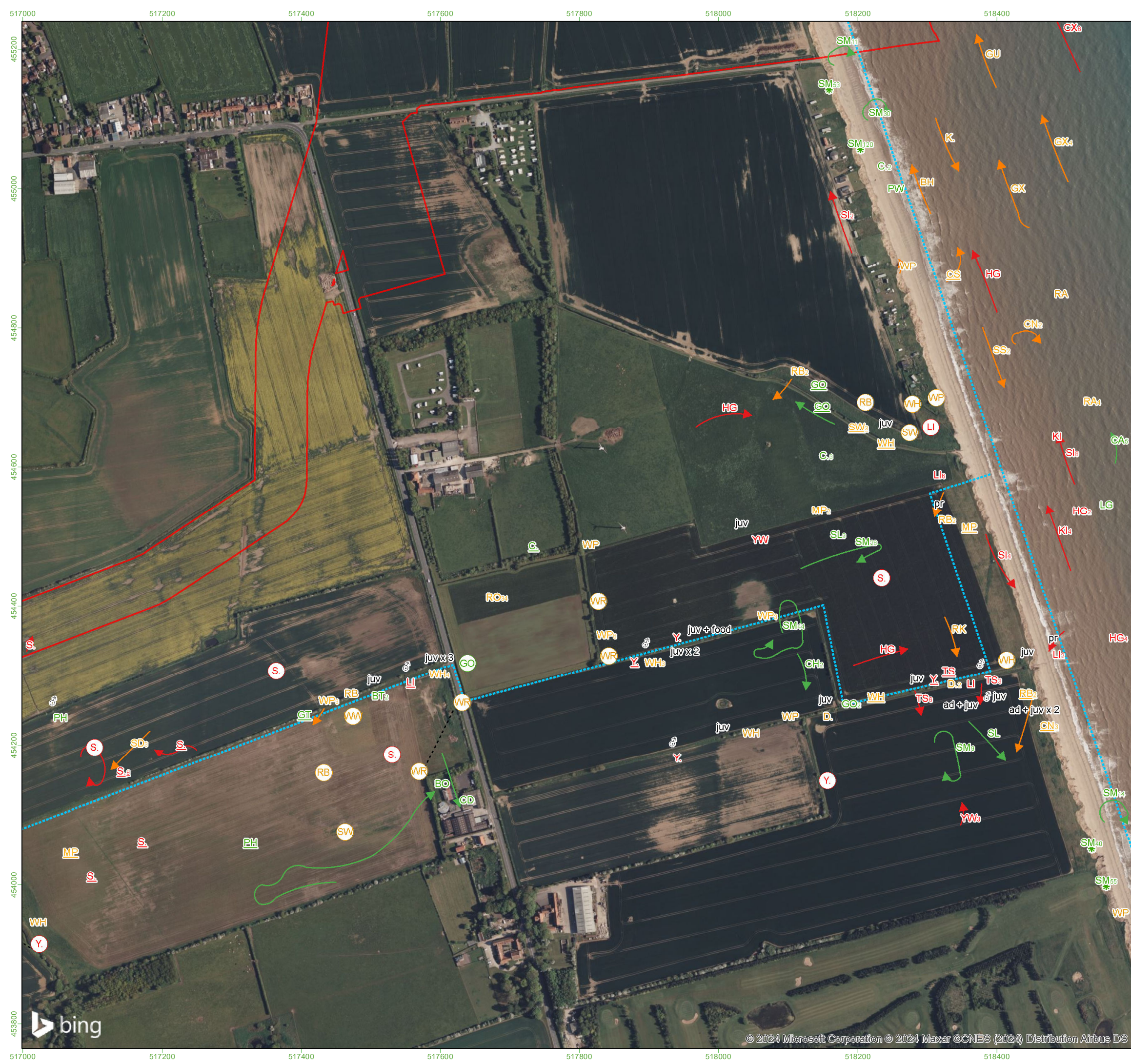
PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.5.A. Transect 1 , July - Visit 5

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_5	MP	CP

DRAWING NUMBER: PeakEcology/DB2BBS2023/T1_55.A

	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:5,100



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:
 Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|-------------------------------|-----------------------------|-------------------------------|
| Red listed species | MA - Mallard | CH - Chaffinch |
| CB - Corn Bunting | MH - Moorhen | CO - Coot |
| CU - Curlew | MP - Meadow Pipit | CT - Coal Tit |
| CX - Common Scoter | | CW - Cetti's Warbler |
| FF - Fieldfare | | ET - Little Egret |
| GR - Greenfinch | PG - Pink-footed Goose | FP - Feral Pigeon |
| HG - Herring Gull | RA - Razorbill | G. - Green Woodpecker |
| HM - House Martin | RB - Reed Bunting | GC - Goldcrest |
| HS - House Sparrow | RE - Redwing | GG - Great Crested Grebe |
| KI - Kittiwake | RK - Redshank | GO - Goldfinch |
| L - Lapwing | RO - Rook | GP - Golden Plover |
| LI - Linnet | SD - Stock Dove | GS - Great Spotted Woodpecker |
| M. - Mistle Thrush | SE - Short-eared Owl | GT - Great Tit |
| MT - Marsh Tit | SH - Sparrowhawk | GW - Garden Warbler |
| P. - Grey Partridge | SN - Snipe | H. - Grey Heron |
| S. - Skylark | SS - Sanderling | HY - Hobby |
| SG - Starling | ST - Song Thrush | J. - Jay |
| SI - Swift | SU - Shelduck | JD - Jackdaw |
| TS - Tree Sparrow | SV - Shoveler | JD - Jackdaw |
| WC - Whinchat | SW - Sedge Warbler | KF - Kingfisher |
| Y. - Yellowhammer | T. - Teal | LG - Little Grebe |
| YW - Yellow Wagtail | TE - Sandwich Tern | LT - Long-tailed Tit |
| | TO - Tawny Owl | LW - Lesser Whitethroat |
| | W. - Wheatear | MG - Magpie |
| | WH - Whitethroat | MS - Mute Swan |
| | WN - Wigeon | NH - Nuthatch |
| | WP - Wood Pigeon | PE - Peregrine |
| | WR - Wren | PH - Pheasant |
| | WS - Whooper Swan | PW - Pied Wagtail |
| | WW - Willow Warbler | R. - Robin |
| | | RH - Red-throated Diver |
| | | RL - Red-legged Partridge |
| | | RN - Raven |
| | | RW - Reed Warbler |
| | | SK - Siskin |
| | | SL - Swallow |
| | | SM - Sand Martin |
| | | TC - Treecreeper |
| Amber listed species | Green listed species | |
| AE - Arctic Tern | B. - Blackbird | |
| BF - Bullfinch | BC - Blackcap | |
| BH - Black-headed Gull | BO - Barn Owl | |
| CM - Common Gull | BT - Blue Tit | |
| CM - Common Gull | BZ - Buzzard | |
| CM - Common Tern | C. - Carrion Crow | |
| CN - Common Tern | CA - Cormorant | |
| CS - Common Sandpiper | CC - Chiffchaff | |
| D. - Dunnock | CD - Collared Dove | |
| F. - Fulmar | CG - Canada Goose | |
| GA - Gadwall | | |
| GB - Great Black-backed Gull | | |
| GE - Green Sandpiper | | |
| GJ - Greylag Goose | | |
| GL - Grey Wagtail | | |
| GU - Guillemot | | |
| GV - Grey Plover | | |
| GX - Gannet | | |
| K. - Kestrel | | |
| LB - Lesser Black-backed Gull | | |



PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

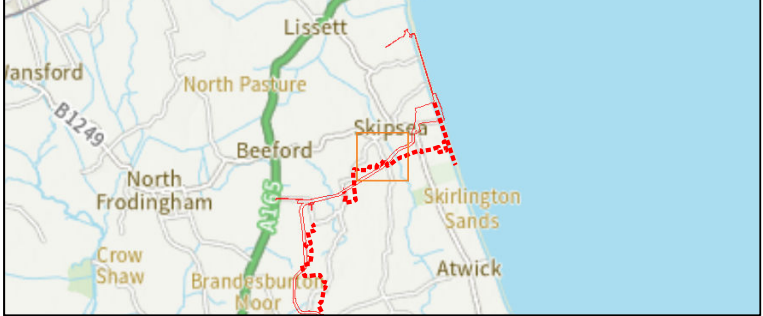
DRAWING TITLE
Figure 1.5.C. Transect 1, July - Visit 5

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_5	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_55.C

peakecology LIMITED
 Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,300



Survey Information

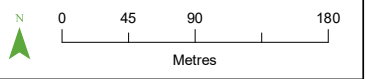
- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
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- | | | |
|-------------------------------|-----------------------------|-------------------------------|
| Red listed species | MA - Mallard | CH - Chaffinch |
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| LJ - Linnet | SD - Stock Dove | GS - Great Spotted Woodpecker |
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| P. - Grey Partridge | SN - Snipe | H. - Grey Heron |
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| WC - Whinchat | SW - Sedge Warbler | LG - Little Grebe |
| Y. - Yellowhammer | T. - Teal | LT - Long-tailed Tit |
| YW - Yellow Wagtail | TE - Sandwich Tern | LW - Lesser Whitethroat |
| | TO - Tawny Owl | MG - Magpie |
| | W. - Wheatear | MS - Mute Swan |
| | WH - Whitethroat | NH - Nuthatch |
| | WN - Wigeon | PE - Peregrine |
| | WP - Wood Pigeon | PH - Pheasant |
| | WR - Wren | PW - Pied Wagtail |
| | WS - Whooper Swan | R. - Robin |
| | WW - Willow Warbler | RH - Red-throated Diver |
| | | RL - Red-legged Partridge |
| | | RN - Raven |
| | | RW - Reed Warbler |
| | | SK - Siskin |
| | | SL - Swallow |
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| Amber listed species | Green listed species | |
| AE - Arctic Tern | B. - Blackbird | |
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| D. - Duncock | CA - Cormorant | |
| F. - Fulmar | CC - Chiffchaff | |
| GA - Gadwall | CD - Collared Dove | |
| GB - Great Black-backed Gull | CG - Canada Goose | |
| GE - Green Sandpiper | | |
| GJ - Greylag Goose | | |
| GL - Grey Wagtail | | |
| GU - Guillemot | | |
| GV - Grey Plover | | |
| GX - Gannet | | |
| K. - Kestrel | | |
| LB - Lesser Black-backed Gull | | |

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 Ordnance Survey 0100031673.



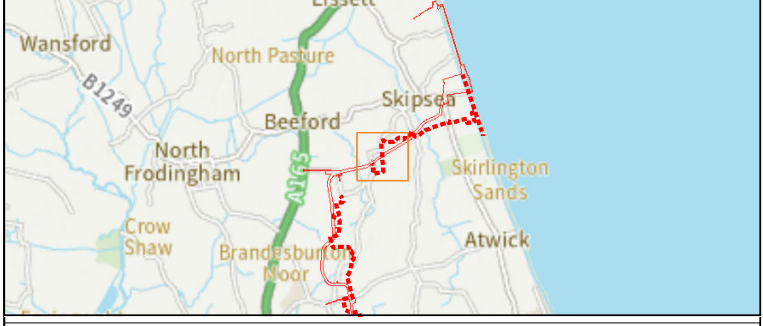
PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.5.D. Transect 1, July - Visit 5

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_5	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_55.D

	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:5,100



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☼ Bird - aggressive encounter
- Red arrow Red
- Orange arrow Amber
- Green arrow Green
- Black line Same bird
- Dotted line In song at same time

Additional Information
Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
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Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pipit	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare	OC - Oystercatcher	ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
	W. - Wheatear	MS - Mute Swan
Amber listed species	WH - Whitethroat	NH - Nuthatch
AE - Arctic Tern	WN - Wigeon	PE - Peregrine
BF - Bullfinch	WP - Wood Pigeon	PH - Pheasant
BH - Black-headed Gull	WR - Wren	PW - Pied Wagtail
CM - Common Gull	WS - Whooper Swan	R. - Robin
CN - Common Tern	WW - Willow Warbler	RH - Red-throated Diver
CS - Common Sandpiper		RL - Red-legged Partridge
D. - Dunnock		RN - Raven
F. - Fulmar		RW - Reed Warbler
GA - Gadwall	Green listed species	SK - Siskin
GB - Great Black-backed Gull	B. - Blackbird	SL - Swallow
GE - Green Sandpiper	BC - Blackcap	SM - Sand Martin
GJ - Greylag Goose	BO - Barn Owl	TC - Treecreeper
GL - Grey Wagtail	BT - Blue Tit	
GU - Guillemot	BZ - Buzzard	
GV - Grey Plover	C. - Carrion Crow	
GX - Gannet	CA - Cormorant	
K. - Kestrel	CC - Chiffchaff	
LB - Lesser Black-backed Gull	CD - Collared Dove	
	CG - Canada Goose	



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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

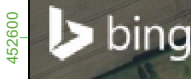
DRAWING TITLE
Figure 1.5.E. Transect 1 , July - Visit 5

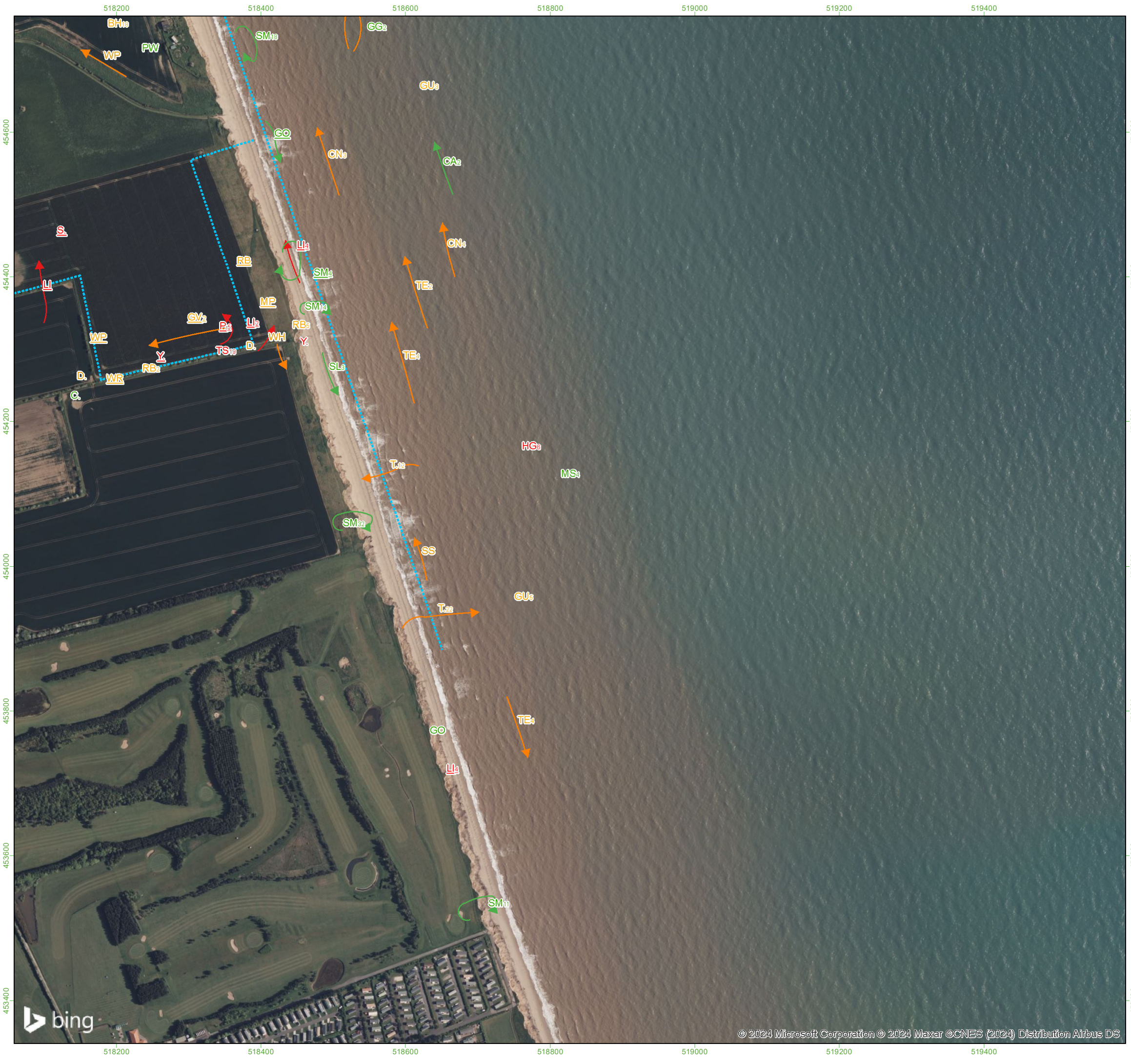
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_5	MP	CP

DRAWING NUMBER:
PeakEcology/DB2BBS2023/T1_55.E

Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100





Survey Information

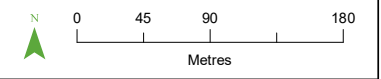
- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- Bird singing
- ☀ Bird - aggressive encounter
- ➔ Red
- ➔ Amber
- ➔ Green
- Same bird
- - - - - In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pipit	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LI - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KE - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
	W. - Wheatear	MS - Mute Swan
Amber listed species	WH - Whitethroat	NH - Nuthatch
AE - Arctic Tern	WN - Wigeon	PE - Peregrine
BF - Bullfinch	WP - Wood Pigeon	PH - Pheasant
BH - Black-headed Gull	WR - Wren	PW - Pied Wagtail
CM - Common Gull	WS - Whooper Swan	R. - Robin
CN - Common Tern	WW - Willow Warbler	RH - Red-throated Diver
CS - Common Sandpiper		RL - Red-legged Partridge
D. - Dunnock		RN - Raven
F. - Fulmar		RW - Reed Warbler
GA - Gadwall		SK - Siskin
GB - Great Black-backed Gull		SL - Swallow
GE - Green Sandpiper		SM - Sand Martin
GJ - Greylag Goose		TC - Treecreeper
GL - Grey Wagtail		
GU - Guillemot		
GV - Grey Plover		
GX - Gannet		
K. - Kestrel		
LB - Lesser Black-backed Gull		
	Green listed species	
	B. - Blackbird	
	BC - Blackcap	
	BO - Barn Owl	
	BT - Blue Tit	
	BZ - Buzzard	
	C. - Carrion Crow	
	CA - Cormorant	
	CC - Chiffchaff	
	CD - Collared Dove	
	CG - Canada Goose	

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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.6.A. Transect 1 , August - Visit 6

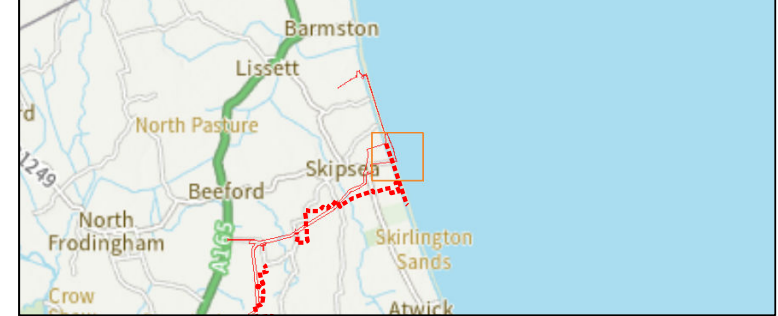
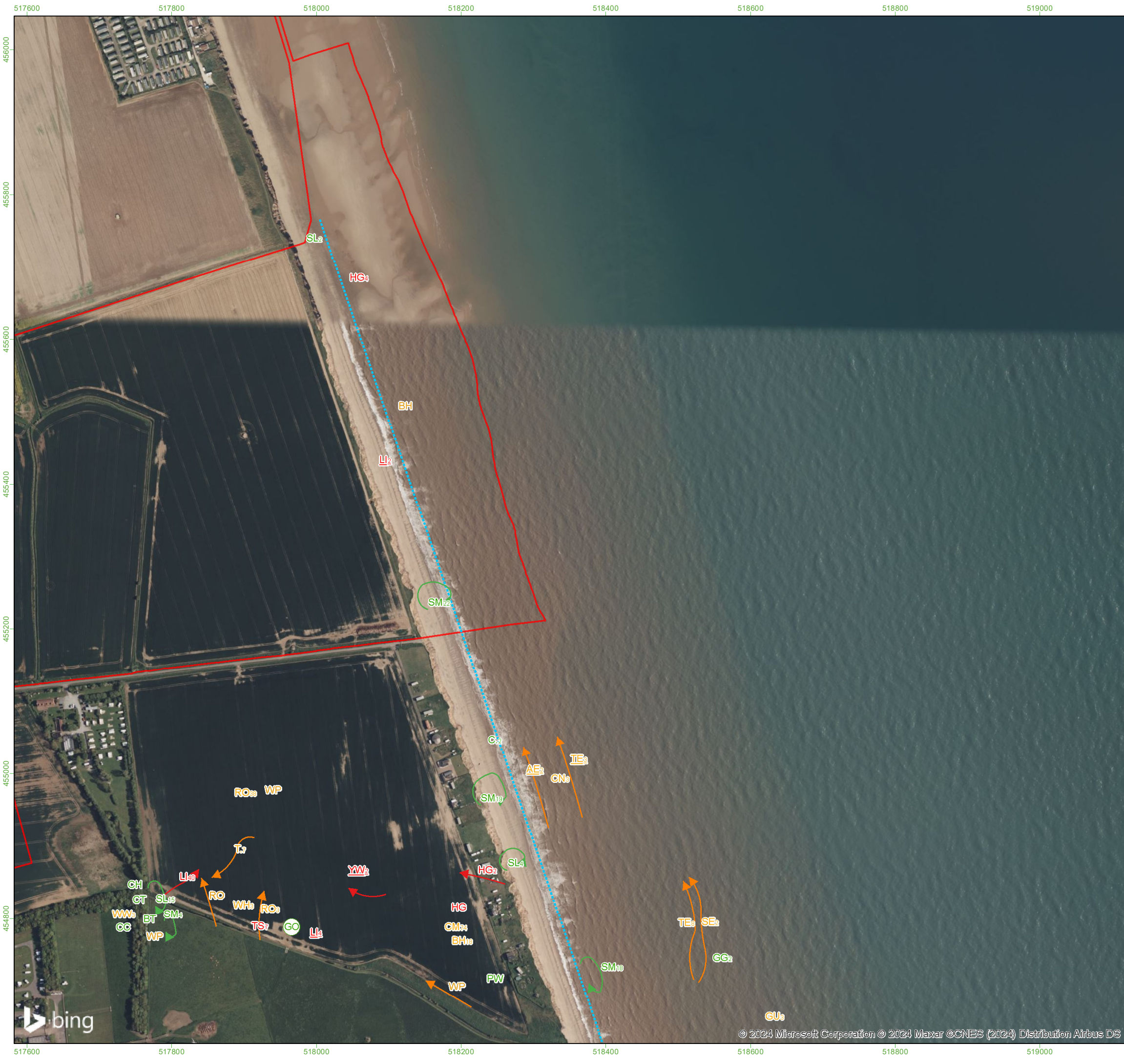
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_6	MP	CP

DRAWING NUMBER: **PeakEcology/DB2BBS2023/T1_66.A**

peakecology LIMITED
 COLLEGE CONSULTANTS

Ardene House,
 Deepdale Business Park,
 Bakewell,
 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk

DATUM OSGB
 PROJECTION BNG
 PLOT SIZE A3
 SCALE 1:5,100



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pint	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	JD - Jackdaw
WC - Whinchat	SW - Sedge Warbler	KF - Kingfisher
Y. - Yellowhammer	T. - Teal	LG - Little Grebe
YW - Yellow Wagtail	TE - Sandwich Tern	LT - Long-tailed Tit
	TO - Tawny Owl	LW - Lesser Whitethroat
Amber listed species	W. - Wheatear	MG - Magpie
AE - Arctic Tern	WH - Whitethroat	MS - Mute Swan
BF - Bullfinch	VN - Wigeon	NH - Nuthatch
BH - Black-headed Gull	WP - Wood Pigeon	PE - Peregrine
CM - Common Gull	WR - Wren	PH - Pheasant
CN - Common Tern	WS - Whooper Swan	PW - Pied Wagtail
CS - Common Sandpiper	WW - Willow Warbler	R. - Robin
D. - Duncock		RH - Red-throated Diver
F. - Fulmar		RL - Red-legged Partridge
GA - Gadwall		RN - Raven
GB - Great Black-backed Gull		RW - Reed Warbler
GE - Green Sandpiper		SK - Siskin
GJ - Greylag Goose		SL - Swallow
GL - Grey Wagtail		SM - Sand Martin
GU - Guillemot		TC - Treecreeper
GV - Grey Plover		
GX - Gannet		
K. - Kestrel		
LB - Lesser Black-backed Gull		
	Green listed species	
	B. - Blackbird	
	BC - Blackcap	
	BO - Barn Owl	
	BT - Blue Tit	
	BZ - Buzzard	
	C. - Carrion Crow	
	CA - Cormorant	
	CC - Chiffchaff	
	CD - Collared Dove	
	CG - Canada Goose	



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 Ordnance Survey 0100031673.

PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.6.B. Transect 1 , August - Visit 6

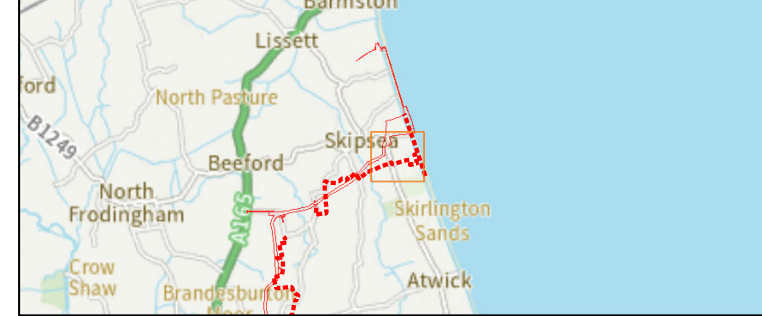
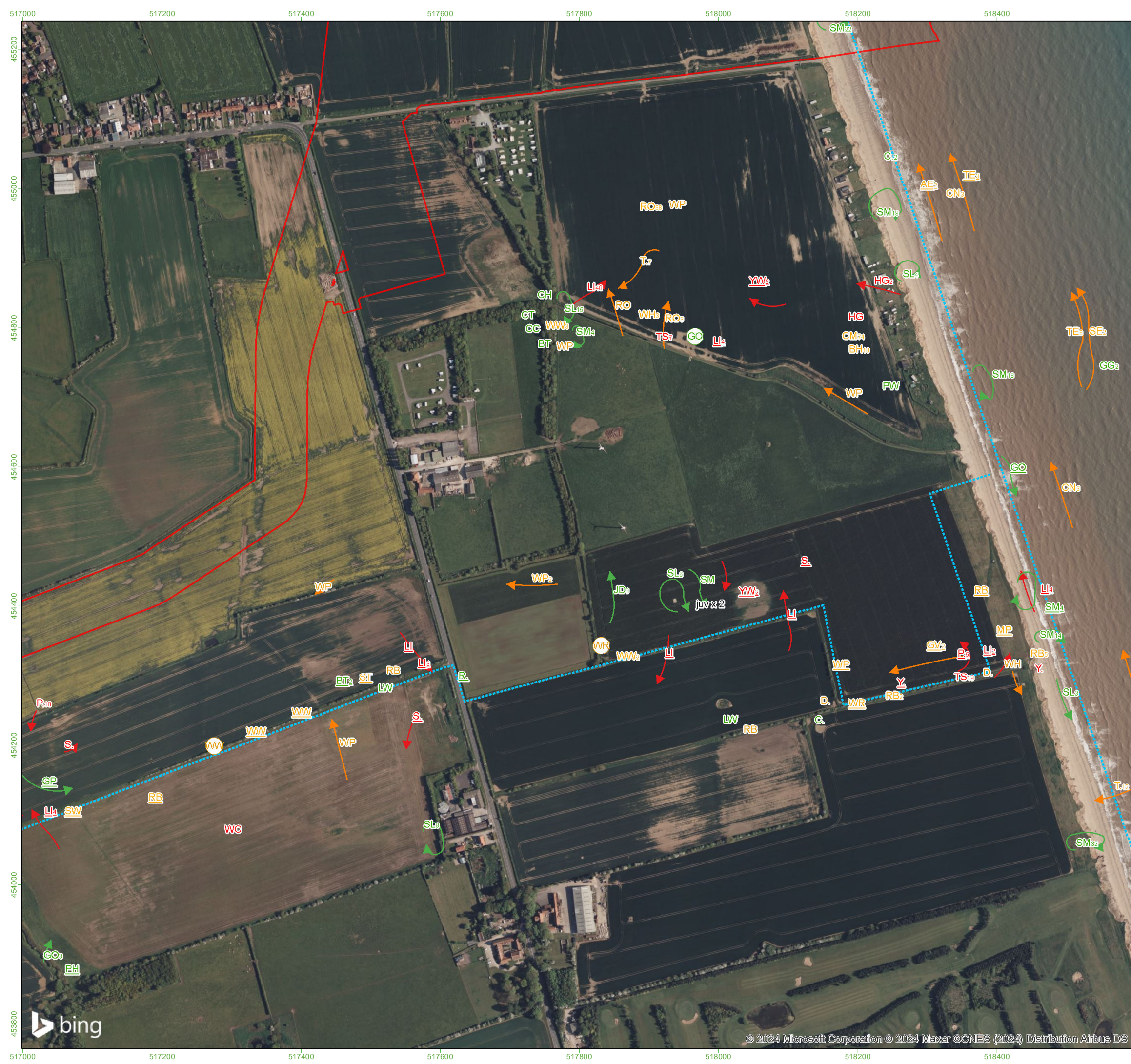
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_6	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_66.B

peakecology LIMITED
 COLLEGE CONSULTANTS

Arden House,
 Deepdale Business Park,
 Bakewell,
 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

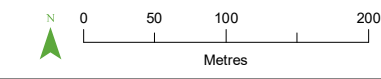
Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|-------------------------------|------------------------|-------------------------------|
| Red listed species | MA - Mallard | CH - Chaffinch |
| CB - Corn Bunting | MH - Moorhen | CO - Coot |
| CU - Curlew | MP - Meadow Pipit | CT - Coal Tit |
| CX - Common Scoter | | CW - Cetti's Warbler |
| FF - Fieldfare | | ET - Little Egret |
| GR - Greenfinch | PG - Pink-footed Goose | FP - Feral Pigeon |
| HG - Herring Gull | RA - Razorbill | G. - Green Woodpecker |
| HM - House Martin | RB - Reed Bunting | GC - Goldcrest |
| HS - House Sparrow | RE - Redwing | GG - Great Crested Grebe |
| KI - Kittiwake | RK - Redshank | GO - Goldfinch |
| L - Lapwing | RO - Rook | GP - Golden Plover |
| LJ - Linnet | SD - Stock Dove | GS - Great Spotted Woodpecker |
| M. - Mistle Thrush | SE - Short-eared Owl | GT - Great Tit |
| MT - Marsh Tit | SH - Sparrowhawk | GW - Garden Warbler |
| P. - Grey Partridge | SN - Snipe | H. - Grey Heron |
| S. - Skylark | SS - Sanderling | HY - Hobby |
| SG - Starling | ST - Song Thrush | J. - Jay |
| SI - Swift | SU - Shelduck | JD - Jackdaw |
| TS - Tree Sparrow | SV - Shoveler | KF - Kingfisher |
| WC - Whinchat | SW - Sedge Warbler | LG - Little Grebe |
| Y. - Yellowhammer | T. - Teal | LT - Long-tailed Tit |
| YW - Yellow Wagtail | TE - Sandwich Tern | LW - Lesser Whitethroat |
| | TO - Tawny Owl | MG - Magpie |
| | W. - Wheatear | MS - Mute Swan |
| | WH - Whitethroat | NH - Nuthatch |
| | WN - Wigeon | PE - Peregrine |
| | WP - Wood Pigeon | PH - Pheasant |
| | WR - Wren | PW - Pied Wagtail |
| | WS - Whooper Swan | R. - Robin |
| | WW - Willow Warbler | RH - Red-throated Diver |
| | | RL - Red-legged Partridge |
| | | RN - Raven |
| | | RW - Reed Warbler |
| | | SK - Siskin |
| | | SL - Swallow |
| | | SM - Sand Martin |
| | | TC - Treecreeper |
| Amber listed species | | |
| AE - Arctic Tern | | |
| BF - Bullfinch | | |
| BH - Black-headed Gull | | |
| CM - Common Gull | | |
| CN - Common Tern | | |
| CS - Common Sandpiper | | |
| D. - Duncock | | |
| F. - Fulmar | | |
| GA - Gadwall | | |
| GB - Great Black-backed Gull | | |
| GE - Green Sandpiper | | |
| GJ - Greylag Goose | | |
| GL - Grey Wagtail | | |
| GU - Guillemot | | |
| GV - Grey Plover | | |
| GX - Gannet | | |
| K. - Kestrel | | |
| LB - Lesser Black-backed Gull | | |
| Green listed species | | |
| B. - Blackbird | | |
| BC - Blackcap | | |
| BO - Barn Owl | | |
| BT - Blue Tit | | |
| BZ - Buzzard | | |
| C. - Carrion Crow | | |
| CA - Cormorant | | |
| CC - Chiffchaff | | |
| CD - Collared Dove | | |
| CG - Canada Goose | | |

Source:
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 Ordnance Survey 0100031673.



PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

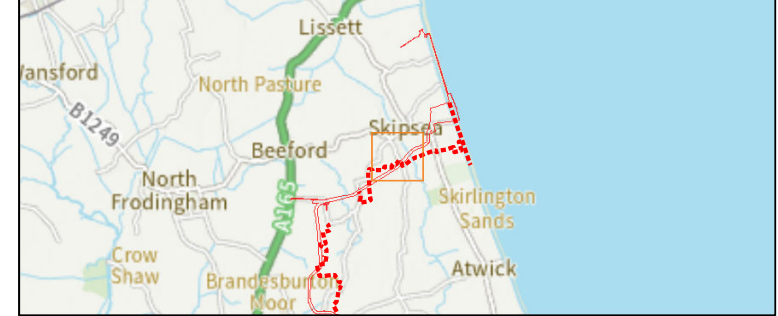
DRAWING TITLE
Figure 1.6.C. Transect 1 , August - Visit 6

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_6	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_66.C

peakecology LIMITED
 Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,300



Survey Information

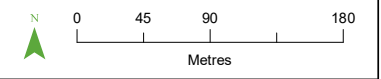
- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|--|---|---|
| <p>Red listed species</p> <ul style="list-style-type: none"> CB - Corn Bunting CU - Curlew CX - Common Scoter FF - Fieldfare GR - Greenfinch HG - Herring Gull HM - House Martin HS - House Sparrow KI - Kittiwake L - Lapwing LJ - Linnet M - Mistle Thrush MT - Marsh Tit P - Grey Partridge S - Skylark SG - Starling SI - Swift TS - Tree Sparrow WC - Whinchat Y - Yellowhammer YW - Yellow Wagtail | <ul style="list-style-type: none"> MA - Mallard MH - Moorhen MP - Meadow Pint PG - Pink-footed Goose RA - Razorbill RB - Reed Bunting RE - Redwing RK - Redshank RO - Rook SD - Stock Dove SE - Short-eared Owl SH - Sparrowhawk SN - Snipe SS - Sanderling ST - Song Thrush SU - Shelduck SV - Shoveler SW - Sedge Warbler T - Teal TE - Sandwich Tern TO - Tawny Owl W - Wheatear WH - Whitethroat WN - Wigeon WP - Wood Pigeon WR - Wren WS - Whooper Swan WW - Willow Warbler | <ul style="list-style-type: none"> CH - Chaffinch CO - Coot CT - Coal Tit CW - Cetti's Warbler ET - Little Egret FP - Feral Pigeon G - Green Woodpecker GC - Goldcrest GG - Great Crested Grebe GO - Goldfinch GP - Golden Plover GS - Great Spotted Woodpecker GT - Great Tit GW - Garden Warbler H - Grey Heron HY - Hobby J - Jay JD - Jackdaw KF - Kingfisher LG - Little Grebe LT - Long-tailed Tit LW - Lesser Whitethroat MG - Magpie MS - Mute Swan NH - Nuthatch PE - Peregrine PH - Pheasant PW - Pied Wagtail R - Robin RH - Red-throated Diver RL - Red-legged Partridge RN - Raven RW - Reed Warbler SK - Siskin SL - Swallow SM - Sand Martin TC - Treecreeper |
| <p>Amber listed species</p> <ul style="list-style-type: none"> AE - Arctic Tern BF - Bullfinch BH - Black-headed Gull CM - Common Gull CN - Common Tern CS - Common Sandpiper F - Fulmar GA - Gadwall GB - Great Black-backed Gull GE - Green Sandpiper GJ - Greylag Goose GL - Grey Wagtail GU - Guillemot GV - Grey Plover GX - Gannet K - Kestrel LB - Lesser Black-backed Gull | <p>Green listed species</p> <ul style="list-style-type: none"> B - Blackbird BC - Blackcap BO - Barn Owl BT - Blue Tit BZ - Buzzard C - Carrion Crow CA - Cormorant CC - Chiffchaff CD - Collared Dove CG - Canada Goose | |

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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.6.D. Transect 1 , August - Visit 6

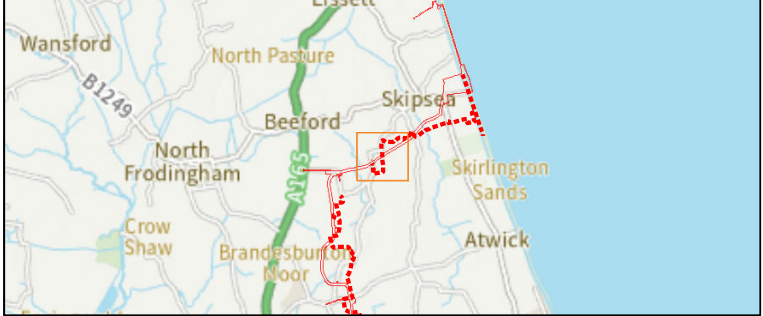
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_6	MP	CP

DRAWING NUMBER: **PeakEcology/DB2BBS2023/T1_66.D**

COLLECTIVE CONSULTANTS

Arden House,
 Deepdale Business Park,
 Bakewell,
 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pipit	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
	W. - Wheatear	MS - Mute Swan
Amber listed species	WH - Whitethroat	NH - Nuthatch
AE - Arctic Tern	WN - Wigeon	PE - Peregrine
BF - Bullfinch	WP - Wood Pigeon	PH - Pheasant
BH - Black-headed Gull	WR - Wren	PW - Pied Wagtail
CM - Common Gull	WS - Whooper Swan	R. - Robin
CN - Common Tern	WW - Willow Warbler	RH - Red-throated Diver
CS - Common Sandpiper		RL - Red-legged Partridge
D. - Dunnock		RN - Raven
F. - Fulmar	Green listed species	RW - Reed Warbler
GA - Gadwall	B. - Blackbird	SK - Siskin
GB - Great Black-backed Gull	BC - Blackcap	SL - Swallow
GE - Green Sandpiper	BO - Barn Owl	SM - Sand Martin
GJ - Greylag Goose	BT - Blue Tit	TC - Treecreeper
GL - Grey Wagtail	BZ - Buzzard	
GU - Guillemot	C. - Carrion Crow	
GV - Grey Plover	CA - Cormorant	
GX - Gannet	CC - Chiffchaff	
K. - Kestrel	CD - Collared Dove	
LB - Lesser Black-backed Gull	CG - Canada Goose	



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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 1.6.E. Transect 1 , August - Visit 6

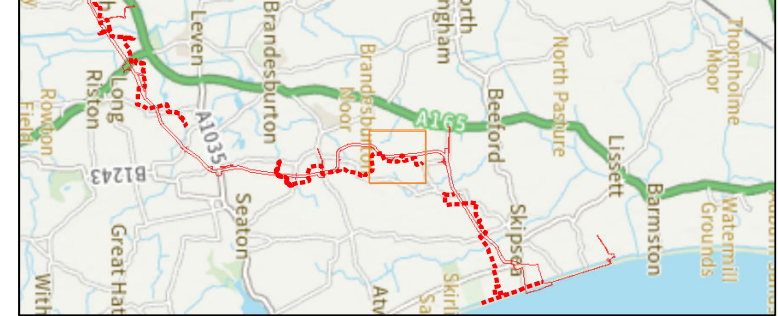
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T1_6	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T1_66.E

Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100





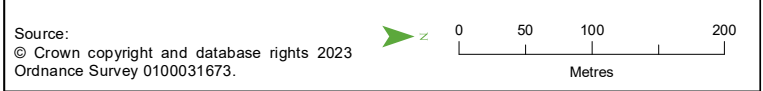
Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

<p>Red listed species</p> <ul style="list-style-type: none"> CB - Corn Bunting CU - Curlew CX - Common Scoter FF - Fieldfare GR - Greenfinch HG - Herring Gull HM - House Martin HS - House Sparrow KI - Kittiwake L - Lapwing LJ - Linnet M - Mistle Thrush MT - Marsh Tit P - Grey Partridge S - Skylark SG - Starling SI - Swift TS - Tree Sparrow WC - Whinchat Y - Yellowhammer YW - Yellow Wagtail 	<ul style="list-style-type: none"> MA - Mallard MH - Moorhen MP - Meadow Pipit PG - Pink-footed Goose RA - Razorbill RB - Reed Bunting RE - Redwing RK - Redshank RO - Rook SD - Stock Dove SE - Short-eared Owl SH - Sparrowhawk SN - Snipe SS - Sanderling ST - Song Thrush SU - Shelduck SV - Shoveler SW - Sedge Warbler T - Teal TE - Sandwich Tern TO - Tawny Owl W - Wheatear WH - Whitethroat WN - Wigeon WP - Wood Pigeon WR - Wren WS - Whooper Swan WW - Willow Warbler 	<ul style="list-style-type: none"> CH - Chaffinch CO - Coot CT - Coal Tit CW - Cetti's Warbler ET - Little Egret FP - Feral Pigeon G - Green Woodpecker GC - Goldcrest GG - Great Crested Grebe GO - Goldfinch GP - Golden Plover GS - Great Spotted Woodpecker GT - Great Tit GW - Garden Warbler H - Grey Heron HY - Hobby J - Jay JD - Jackdaw KF - Kingfisher LG - Little Grebe LT - Long-tailed Tit LW - Lesser Whitethroat MG - Magpie MS - Mute Swan NH - Nuthatch PE - Peregrine PH - Pheasant PW - Pied Wagtail R - Robin RH - Red-throated Diver RL - Red-legged Partridge RN - Raven RW - Reed Warbler SK - Siskin SL - Swallow SM - Sand Martin TC - Treecreeper
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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

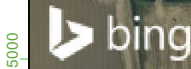
DRAWING TITLE
Figure 2.1.A. Transect 2 , March - Visit 1

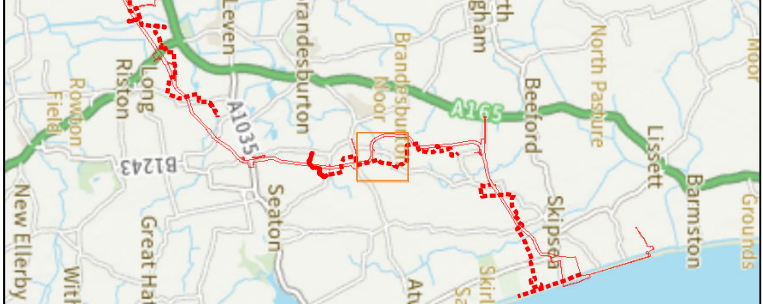
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_1	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T2_11.A

peakecology LIMITED
 Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT.
www.peakecology.co.uk

DATUM OSGB
 PROJECTION BNG
 PLOT SIZE A3
 SCALE 1:5,700





Survey Information

Onshore Development Area [Red outline]
Transect route [Dotted line]

x Bird - alarm call
x Bird sighting
x Bird calling
⊗ Bird singing
☼ Bird - aggressive encounter

Red
Amber
Green
Same bird
In song at same time

Additional Information
Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:
Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard CB - Corn Bunting CU - Curlew CX - Common Scoter FF - Fieldfare GR - Greenfinch HG - Herring Gull HM - House Martin HS - House Sparrow KI - Kittiwake L - Lapwing LI - Linnets M - Mistle Thrush MT - Marsh Tit P - Grey Partridge S - Skylark SG - Starling SI - Swift TS - Tree Sparrow WC - Whinchat Y - Yellowhammer YW - Yellow Wagtail	MP - Meadow Pipit OC - Oystercatcher PG - Pink-footed Goose RA - Razorbill RB - Reed Bunting RE - Redwing RK - Redshank RO - Rook SD - Stock Dove SE - Short-eared Owl SH - Sparrowhawk SN - Snipe SS - Sanderling ST - Song Thrush SU - Shelduck SV - Shoveler SW - Sedge Warbler T - Teal TE - Sandwich Tern TO - Tawny Owl W - Wheatear WH - Whitethroat WN - Wigeon WP - Wood Pigeon WR - Wren WS - Whooper Swan WW - Willow Warbler	CH - Chaffinch CO - Coot CT - Coal Tit CW - Cetti's Warbler ET - Little Egret FP - Feral Pigeon G - Green Woodpecker GC - Goldcrest GG - Great Crested Grebe GO - Goldfinch GP - Golden Plover GS - Great Spotted Woodpecker GT - Great Tit GW - Garden Warbler H - Grey Heron HY - Hobby J - Jay JD - Jackdaw KF - Kingfisher LG - Little Grebe LT - Long-tailed Tit LW - Lesser Whitethroat MG - Magpie MS - Mute Swan NH - Nuthatch PE - Peregrine PH - Pheasant PW - Pied Wagtail R - Robin RH - Red-throated Diver RL - Red-legged Partridge RN - Raven RW - Reed Warbler SK - Siskin SL - Swallow SM - Sand Martin TC - Treecreeper
Amber listed species	AE - Arctic Tern BF - Bullfinch BH - Black-headed Gull CM - Common Gull CN - Common Tern CS - Common Sandpiper D - Dunnock F - Fulmar GA - Gadwall GB - Great Black-backed Gull GE - Green Sandpiper GJ - Greylag Goose GL - Grey Wagtail GU - Guillemot GV - Grey Plover GX - Gannet K - Kestrel LB - Lesser Black-backed Gull	W - Wheatear WH - Whitethroat WN - Wigeon WP - Wood Pigeon WR - Wren WS - Whooper Swan WW - Willow Warbler	Green listed species B - Blackbird BC - Blackcap BO - Barn Owl BT - Blue Tit BL - Bullfinch BZ - Buzzard C - Carrion Crow CA - Cormorant CC - Chiffchaff CD - Collared Dove CG - Canada Goose

Source:
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Ordnance Survey 0100031673.

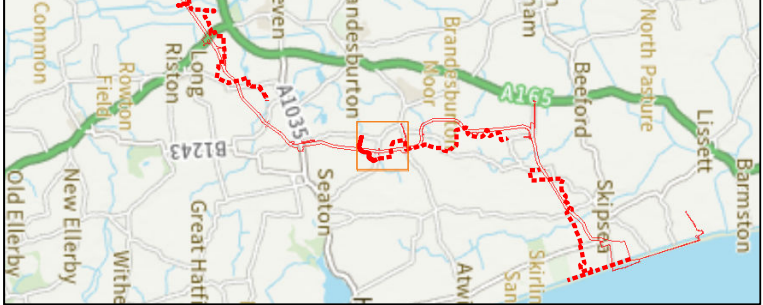
PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 2.1.B. Transect 2, March - Visit 1

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_1	MP	CP

DRAWING NUMBER:
PeakEcology/DB2BBS2023/T2_11.B

peakecology - COLLEGE CONSULTANTS -	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM OSGB PROJECTION BNG PLOT SIZE A3 SCALE 1:5,100
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Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- ☀ Bird - aggressive encounter
- ➔ Red
- ➔ Amber
- ➔ Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|-------------------------------|-----------------------------|-------------------------------|
| Red listed species | MA - Mallard | CH - Chaffinch |
| CB - Corn Bunting | MH - Moorhen | CO - Coot |
| CU - Curlew | MP - Meadow Pipit | CT - Coal Tit |
| CX - Common Scoter | | CW - Cetti's Warbler |
| FF - Fieldfare | | ET - Little Egret |
| GR - Greenfinch | PG - Pink-footed Goose | FP - Feral Pigeon |
| HG - Herring Gull | RA - Razorbill | G. - Green Woodpecker |
| HM - House Martin | RB - Reed Bunting | GC - Goldcrest |
| HS - House Sparrow | RE - Redwing | GG - Great Crested Grebe |
| KI - Kittiwake | RK - Redshank | GO - Goldfinch |
| L - Lapwing | RO - Rook | GP - Golden Plover |
| LJ - Linnet | SD - Stock Dove | GS - Great Spotted Woodpecker |
| M. - Mistle Thrush | SE - Short-eared Owl | GT - Great Tit |
| MT - Marsh Tit | SH - Sparrowhawk | GW - Garden Warbler |
| P. - Grey Partridge | SN - Snipe | H. - Grey Heron |
| S. - Skylark | SS - Sanderling | HY - Hobby |
| SG - Starling | ST - Song Thrush | J. - Jay |
| SI - Swift | SU - Shelduck | JD - Jackdaw |
| TS - Tree Sparrow | SV - Shoveler | KF - Kingfisher |
| WC - Whinchat | SW - Sedge Warbler | LG - Little Grebe |
| Y. - Yellowhammer | T. - Teal | LT - Long-tailed Tit |
| YW - Yellow Wagtail | TE - Sandwich Tern | LW - Lesser Whitethroat |
| | TO - Tawny Owl | MG - Magpie |
| | W. - Wheatear | MS - Mute Swan |
| Amber listed species | WH - Whitethroat | NH - Nuthatch |
| AE - Arctic Tern | WN - Wigeon | PE - Peregrine |
| BF - Bullfinch | WP - Wood Pigeon | PH - Pheasant |
| BH - Black-headed Gull | WR - Wren | PW - Pied Wagtail |
| CM - Common Gull | WS - Whooper Swan | R. - Robin |
| CN - Common Tern | WW - Willow Warbler | RH - Red-throated Diver |
| CS - Common Sandpiper | | RL - Red-legged Partridge |
| D. - Dunnock | | RN - Raven |
| F. - Fulmar | | RW - Reed Warbler |
| GA - Gadwall | | SK - Siskin |
| GB - Great Black-backed Gull | | SL - Swallow |
| GE - Green Sandpiper | | SM - Sand Martin |
| GJ - Greylag Goose | | TC - Treecreeper |
| GL - Grey Wagtail | | |
| GU - Guillemot | | |
| GV - Grey Plover | | |
| GX - Gannet | | |
| K. - Kestrel | | |
| LB - Lesser Black-backed Gull | | |
| | Green listed species | |
| | B. - Blackbird | |
| | BC - Blackcap | |
| | BO - Barn Owl | |
| | BT - Blue Tit | |
| | BZ - Buzzard | |
| | C. - Carrion Crow | |
| | CA - Cormorant | |
| | CC - Chiffchaff | |
| | CD - Collared Dove | |
| | CG - Canada Goose | |

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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

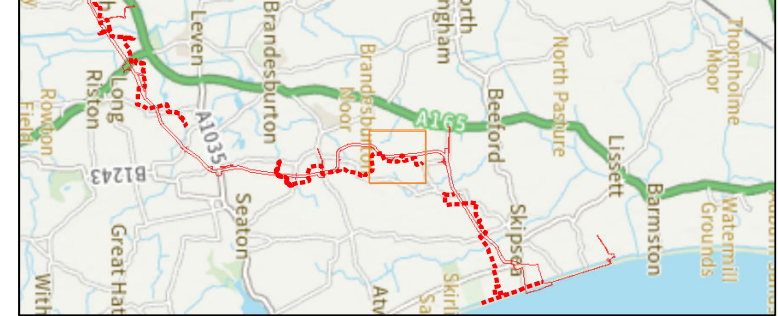
DRAWING TITLE
Figure 2.1.C. Transect 2 , March - Visit 1

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_1	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T2_11.C

	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:5,100





Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pipit	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P - Grey Partridge	SN - Snipe	H - Grey Heron
S - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y - Yellowhammer	T - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
	W - Wheatear	MS - Mute Swan
Amber listed species	WH - Whitethroat	NH - Nuthatch
AE - Arctic Tern	WN - Wigeon	PE - Peregrine
BF - Bullfinch	WP - Wood Pigeon	PH - Pheasant
BH - Black-headed Gull	WR - Wren	PW - Pied Wagtail
CM - Common Gull	WS - Whooper Swan	R - Robin
CN - Common Tern	WW - Willow Warbler	RH - Red-throated Diver
CS - Common Sandpiper		RL - Red-legged Partridge
D - Duncock		RN - Raven
F - Fulmar		RW - Reed Warbler
GA - Gadwall		SK - Siskin
GB - Great Black-backed Gull		SL - Swallow
GE - Green Sandpiper		SM - Sand Martin
GJ - Greylag Goose		TC - Treecreeper
GL - Grey Wagtail		
GU - Guillemot		
GV - Grey Plover		
GX - Gannet		
K - Kestrel		
LB - Lesser Black-backed Gull		
	Green listed species	
	B - Blackbird	
	BC - Blackcap	
	BO - Barn Owl	
	BT - Blue Tit	
	BZ - Buzzard	
	C - Carrion Crow	
	CA - Cormorant	
	CG - Canada Goose	
	CC - Chiffchaff	
	CD - Collared Dove	
	CG - Canada Goose	



PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 2.2.A. Transect 2 , April - Visit 2

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_2	MP	CP

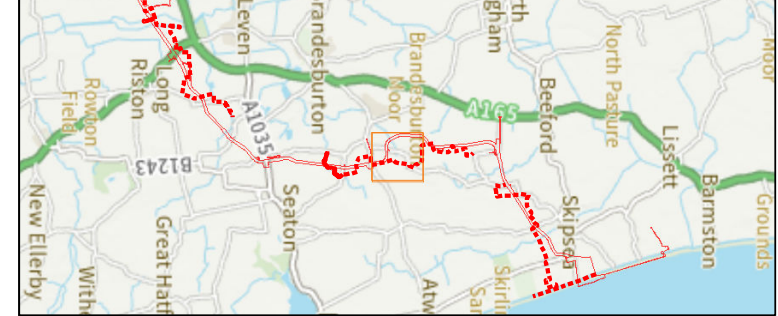
DRAWING NUMBER:
PeakEcology/DB2BBS2023/T2_22.A

peakecology LIMITED
COLLEGE COTTAGES

Arden House,
Deepdale Business Park,
Bakewell,
Derbyshire,
DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,700





Survey Information

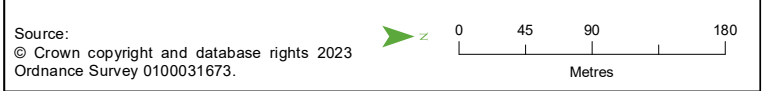
- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

<p>Red listed species</p> <ul style="list-style-type: none"> CB - Corn Bunting CU - Curlew FF - Fieldfare GR - Greenfinch HM - House Martin HS - House Sparrow KI - Kittiwake L - Lapwing LJ - Linnet M - Mistle Thrush MT - Marsh Tit P - Grey Partridge S - Skylark SG - Starling SI - Swift TS - Tree Sparrow WC - Whinchat Y - Yellowhammer YW - Yellow Wagtail 	<ul style="list-style-type: none"> MA - Mallard MH - Moorhen MP - Meadow Pipit OC - Oystercatcher PG - Pink-footed Goose RA - Razorbill RB - Reed Bunting RE - Redwing RK - Redshank RO - Rook SD - Stock Dove SE - Short-eared Owl SH - Sparrowhawk SN - Snipe SS - Sanderling ST - Song Thrush SU - Shelduck SV - Shoveler SW - Sedge Warbler T - Teal TE - Sandwich Tern TO - Tawny Owl W - Wheatear WH - Whitethroat WN - Wigeon WP - Wood Pigeon WR - Wren WS - Whooper Swan WW - Willow Warbler 	<ul style="list-style-type: none"> CH - Chaffinch CO - Coot CT - Coal Tit CW - Cetti's Warbler ET - Little Egret FP - Feral Pigeon G - Green Woodpecker GC - Goldcrest GG - Great Crested Grebe GO - Goldfinch GP - Golden Plover GS - Great Spotted Woodpecker GT - Great Tit GW - Garden Warbler H - Grey Heron HY - Hobby J - Jay JD - Jackdaw KF - Kingfisher LG - Little Grebe LT - Long-tailed Tit LW - Lesser Whitethroat MG - Magpie MS - Mute Swan NH - Nuthatch PE - Peregrine PH - Pheasant PW - Pied Wagtail R - Robin RH - Red-throated Diver RL - Red-legged Partridge RN - Raven RW - Reed Warbler SK - Siskin SL - Swallow SM - Sand Martin TC - Treecreeper
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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 2.2.B. Transect 2 , April - Visit 2

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_2	MP	CP

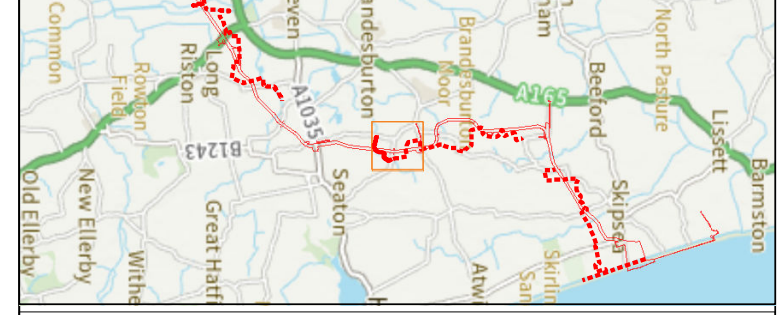
DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T2_22.B

peakecology LIMITED
 COLLEGE CONSULTANTS

Arden House,
 Deepdale Business Park,
 Bakewell,
 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100





Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- ⋯ In song at same time

Additional Information
Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pipit	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
	W. - Wheatear	MS - Mute Swan
Amber listed species	WH - Whitethroat	NH - Nuthatch
AE - Arctic Tern	VN - Wigeon	PE - Peregrine
BF - Bullfinch	WP - Wood Pigeon	PH - Pheasant
BH - Black-headed Gull	WR - Wren	PW - Pied Wagtail
CM - Common Gull	WS - Whooper Swan	R. - Robin
CN - Common Tern	WW - Willow Warbler	RH - Red-throated Diver
CS - Common Sandpiper		RL - Red-legged Partridge
D. - Dunnock		RN - Raven
F. - Fulmar		RW - Reed Warbler
GA - Gadwall		SK - Siskin
GB - Great Black-backed Gull		SL - Swallow
GE - Green Sandpiper		SM - Sand Martin
GJ - Greylag Goose		TC - Treecreeper
GL - Grey Wagtail		
GU - Guillemot		
GV - Grey Plover		
GX - Gannet		
K. - Kestrel		
LB - Lesser Black-backed Gull		



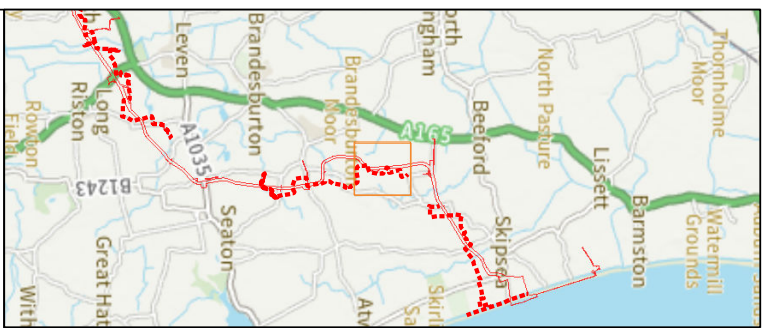
PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 2.2.C. Transect 2 , April - Visit 2

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_2	MP	CP

DRAWING NUMBER: **PeakEcology/DB2BBS2023/T2_22.C**

	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:5,100



Survey Information

- Onshore Development Area
- ⋯ Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|--|---|---|
| <p>Red listed species</p> <ul style="list-style-type: none"> CB - Corn Bunting CU - Curlew CX - Common Scoter FF - Fieldfare GR - Greenfinch HG - Herring Gull HM - House Martin HS - House Sparrow KI - Kittiwake L - Lapwing LJ - Linnet M - Mistle Thrush MT - Marsh Tit P - Grey Partridge S - Skylark SG - Starling SI - Swift TS - Tree Sparrow WC - Whinchat Y - Yellowhammer YW - Yellow Wagtail | <ul style="list-style-type: none"> MA - Mallard MH - Moorhen MP - Meadow Pipit PG - Pink-footed Goose RA - Razorbill RE - Redwing RK - Redshank RO - Rook SD - Stock Dove SE - Short-eared Owl SH - Sparrowhawk SN - Snipe SS - Sanderling ST - Song Thrush SU - Shelduck SV - Shoveler SW - Sedge Warbler T - Teal TE - Sandwich Tern TO - Tawny Owl W - Wheatear WH - Whitethroat WN - Wigeon WP - Wood Pigeon WR - Wren WS - Whooper Swan WW - Willow Warbler | <ul style="list-style-type: none"> CH - Chaffinch CO - Coot CT - Coal Tit CW - Cetti's Warbler ET - Little Egret FP - Feral Pigeon G - Green Woodpecker GC - Goldcrest GG - Great Crested Grebe GO - Goldfinch GP - Golden Plover GS - Great Spotted Woodpecker GT - Great Tit GW - Garden Warbler H - Grey Heron HY - Hobby J - Jay JD - Jackdaw KF - Kingfisher LG - Little Grebe LT - Long-tailed Tit LW - Lesser Whitethroat MG - Magpie MS - Mute Swan NH - Nuthatch PE - Peregrine PH - Pheasant PW - Pied Wagtail R - Robin RH - Red-throated Diver RL - Red-legged Partridge RN - Raven RW - Reed Warbler SK - Siskin SL - Swallow SM - Sand Martin TC - Treecreeper |
|--|---|---|

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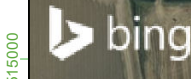
PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

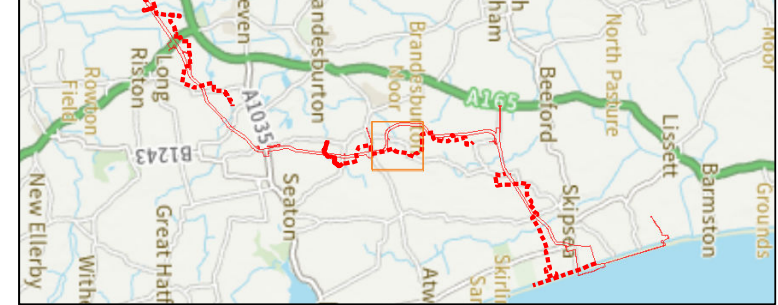
DRAWING TITLE
Figure 2.3.A. Transect 2 , May - Visit 3

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_3	MP	CP

DRAWING NUMBER:
PeakEcology/DB2BBS2023/T2_33.A

<p style="font-size: 0.8em; margin-top: 5px;">COLLEGIUM CONSULTANTS</p>	<p style="font-size: 0.8em; margin: 0;">Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk</p>	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:5,700





Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pint	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KF - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
	W. - Wheatear	MS - Mute Swan
	WH - Whitethroat	NH - Nuthatch
	VN - Wigeon	PE - Peregrine
	WP - Wood Pigeon	PH - Pheasant
	WR - Wren	PW - Pied Wagtail
	WS - Whooper Swan	R. - Robin
	WW - Willow Warbler	RH - Red-throated Diver
		RL - Red-legged Partridge
		RN - Raven
		RW - Reed Warbler
		SK - Siskin
		SL - Swallow
		SM - Sand Martin
		TC - Treecreeper
Amber listed species		
AE - Arctic Tern		
BF - Bullfinch		
BH - Black-headed Gull		
CM - Common Gull		
CN - Common Tern		
CS - Common Sandpiper		
D. - Dunnock		
F. - Fulmar		
GA - Gadwall		
GB - Great Black-backed Gull		
GE - Green Sandpiper		
GJ - Greylag Goose		
GL - Grey Wagtail		
GU - Guillemot		
GV - Grey Plover		
GX - Gannet		
K. - Kestrel		
LB - Lesser Black-backed Gull		
Green listed species		
B. - Blackbird		
BC - Blackcap		
BO - Barn Owl		
BT - Blue Tit		
BZ - Buzzard		
C. - Carrion Crow		
CA - Cormorant		
CC - Chiffchaff		
CD - Collared Dove		
CG - Canada Goose		



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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 2.3.B. Transect 2 , May - Visit 3

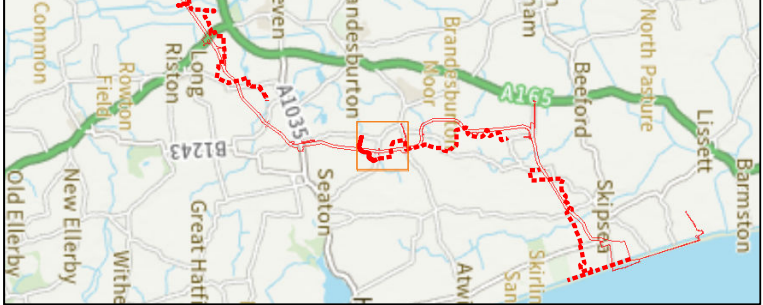
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_3	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T2_33.B

peakecology LIMITED
 Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT.
www.peakecology.co.uk

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100





Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|-------------------------------|------------------------|-------------------------------|
| Red listed species | MA - Mallard | CH - Chaffinch |
| CB - Corn Bunting | MH - Moorhen | CO - Coot |
| CU - Curlew | MP - Meadow Pipit | CT - Coal Tit |
| CX - Common Scoter | | CW - Cetti's Warbler |
| FF - Fieldfare | | ET - Little Egret |
| GR - Greenfinch | PG - Pink-footed Goose | FP - Feral Pigeon |
| HG - Herring Gull | RA - Razorbill | G - Green Woodpecker |
| HM - House Martin | RB - Reed Bunting | GC - Goldcrest |
| HS - House Sparrow | RE - Redwing | GG - Great Crested Grebe |
| KI - Kittiwake | RK - Redshank | GO - Goldfinch |
| L - Lapwing | RO - Rook | GP - Golden Plover |
| LJ - Linnet | SD - Stock Dove | GS - Great Spotted Woodpecker |
| M - Mistle Thrush | SE - Short-eared Owl | GT - Great Tit |
| MT - Marsh Tit | SH - Sparrowhawk | GW - Garden Warbler |
| P - Grey Partridge | SN - Snipe | H - Grey Heron |
| S - Skylark | SS - Sanderling | HY - Hobby |
| SG - Starling | ST - Song Thrush | J - Jay |
| SI - Swift | SU - Shelduck | JD - Jackdaw |
| TS - Tree Sparrow | SV - Shoveler | JD - Jackdaw |
| WC - Whinchat | SW - Sedge Warbler | KF - Kingfisher |
| Y - Yellowhammer | T - Teal | LG - Little Grebe |
| YW - Yellow Wagtail | TE - Sandwich Tern | LT - Long-tailed Tit |
| | TO - Tawny Owl | LW - Lesser Whitethroat |
| | W - Wheatear | MG - Magpie |
| | WH - Whitethroat | MS - Mute Swan |
| | WN - Wigeon | NH - Nuthatch |
| | WP - Wood Pigeon | PE - Peregrine |
| | WR - Wren | PH - Pheasant |
| | WS - Whooper Swan | PW - Pied Wagtail |
| | WW - Willow Warbler | R - Robin |
| | | RH - Red-throated Diver |
| | | RL - Red-legged Partridge |
| | | RN - Raven |
| | | RW - Reed Warbler |
| | | SK - Siskin |
| | | SL - Swallow |
| | | SM - Sand Martin |
| | | TC - Treecreeper |
| Amber listed species | | |
| AE - Arctic Tern | | |
| BF - Bullfinch | | |
| BH - Black-headed Gull | | |
| CM - Common Gull | | |
| CN - Common Tern | | |
| CS - Common Sandpiper | | |
| D - Dunnock | | |
| F - Fulmar | | |
| GA - Gadwall | | |
| GB - Great Black-backed Gull | | |
| GE - Green Sandpiper | | |
| GJ - Greylag Goose | | |
| GL - Grey Wagtail | | |
| GU - Guillemot | | |
| GV - Grey Plover | | |
| GX - Gannet | | |
| K - Kestrel | | |
| LB - Lesser Black-backed Gull | | |
| Green listed species | | |
| B - Blackbird | | |
| BC - Blackcap | | |
| BO - Barn Owl | | |
| BT - Blue Tit | | |
| BZ - Buzzard | | |
| C - Carrion Crow | | |
| CA - Cormorant | | |
| CC - Chiffchaff | | |
| CD - Collared Dove | | |
| CG - Canada Goose | | |



PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

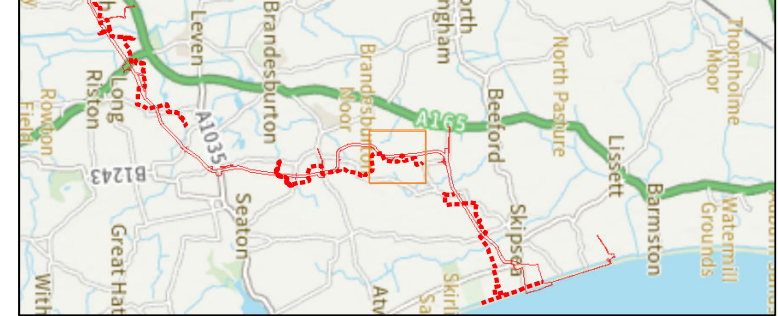
DRAWING TITLE
Figure 2.3.C. Transect 2 , May - Visit 3

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_3	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T2_33.C

	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:5,100





Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|---|--|---|
| <p>Red listed species</p> <ul style="list-style-type: none"> CB - Corn Bunting CU - Curlew FF - Fieldfare GR - Greenfinch HG - Herring Gull HM - House Martin HS - House Sparrow KI - Kittiwake L - Lapwing LJ - Linnet M - Mistle Thrush MT - Marsh Tit P - Grey Partridge S - Skylark SG - Starling SI - Swift TS - Tree Sparrow WC - Whinchat Y - Yellowhammer YW - Yellow Wagtail | <p>Amber listed species</p> <ul style="list-style-type: none"> AE - Arctic Tern BF - Bullfinch BH - Black-headed Gull CM - Common Gull CN - Common Tern CS - Common Sandpiper D - Dunnock F - Fulmar GA - Gadwall GB - Great Black-backed Gull GE - Green Sandpiper GJ - Greylag Goose GL - Grey Wagtail GU - Guillemot GV - Grey Plover GX - Gannet K - Kestrel LB - Lesser Black-backed Gull | <p>Green listed species</p> <ul style="list-style-type: none"> B - Blackbird BC - Blackcap BO - Barn Owl BT - Blue Tit GL - Grey Wagtail GU - Guillemot GV - Grey Plover GX - Gannet K - Kestrel LB - Lesser Black-backed Gull |
| <p>Red listed species</p> <ul style="list-style-type: none"> MA - Mallard MH - Moorhen MP - Meadow Pipit PG - Pink-footed Goose RA - Razorbill RB - Reed Bunting RE - Redwing RK - Redshank RO - Rook SD - Stock Dove SE - Short-eared Owl SH - Sparrowhawk SN - Snipe SS - Sanderling ST - Song Thrush SU - Shelduck SV - Shoveler SW - Sedge Warbler T - Teal TE - Sandwich Tern TO - Tawny Owl W - Wheatear WH - Whitethroat WN - Wigeon WP - Wood Pigeon WR - Wren WS - Whooper Swan WW - Willow Warbler | <p>Green listed species</p> <ul style="list-style-type: none"> CH - Chaffinch CO - Coot CT - Coal Tit CW - Cetti's Warbler ET - Little Egret FP - Feral Pigeon G - Green Woodpecker GC - Goldcrest GG - Great Crested Grebe GO - Goldfinch GP - Golden Plover GS - Great Spotted Woodpecker GT - Great Tit GW - Garden Warbler H - Grey Heron HY - Hobby J - Jay JD - Jackdaw KF - Kingfisher LG - Little Grebe LT - Long-tailed Tit LW - Lesser Whitethroat MG - Magpie MS - Mute Swan NH - Nuthatch PE - Peregrine PH - Pheasant PW - Pied Wagtail R - Robin RH - Red-throated Diver RL - Red-legged Partridge RN - Raven RW - Reed Warbler SK - Siskin SL - Swallow SM - Sand Martin TC - Treecreeper | |

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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

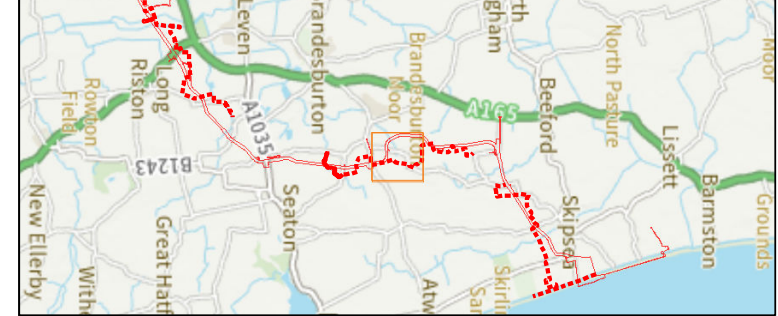
DRAWING TITLE
Figure 2.4.A. Transect 2 , June - Visit 4

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_4	MP	CP

DRAWING NUMBER: **PeakEcology/DB2BBS2023/T2_44.A**

<p>peakecology LIMITED Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DATUM</td> <td>OSGB</td> </tr> <tr> <td>PROJECTION</td> <td>BNG</td> </tr> <tr> <td>PLOT SIZE</td> <td>A3</td> </tr> <tr> <td>SCALE</td> <td>1:5,700</td> </tr> </table>	DATUM	OSGB	PROJECTION	BNG	PLOT SIZE	A3	SCALE	1:5,700
DATUM	OSGB								
PROJECTION	BNG								
PLOT SIZE	A3								
SCALE	1:5,700								





Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|-------------------------------|-----------------------------|-------------------------------|
| Red listed species | MA - Mallard | CH - Chaffinch |
| CB - Corn Bunting | MH - Moorhen | CO - Coot |
| CU - Curlew | MP - Meadow Pipit | CT - Coal Tit |
| CX - Common Scoter | | CW - Cetti's Warbler |
| FF - Fieldfare | | ET - Little Egret |
| GR - Greenfinch | PG - Pink-footed Goose | FP - Feral Pigeon |
| HG - Herring Gull | RA - Razorbill | G. - Green Woodpecker |
| HM - House Martin | RB - Reed Bunting | GC - Goldcrest |
| HS - House Sparrow | RE - Redwing | GG - Great Crested Grebe |
| KI - Kittiwake | RK - Redshank | GO - Goldfinch |
| L - Lapwing | RO - Rook | GP - Golden Plover |
| LJ - Linnet | SD - Stock Dove | GS - Great Spotted Woodpecker |
| M. - Mistle Thrush | SE - Short-eared Owl | GT - Great Tit |
| MT - Marsh Tit | SH - Sparrowhawk | GW - Garden Warbler |
| P. - Grey Partridge | SN - Snipe | H. - Grey Heron |
| S. - Skylark | SS - Sanderling | HY - Hobby |
| SG - Starling | ST - Song Thrush | J. - Jay |
| SI - Swift | SU - Shelduck | JD - Jackdaw |
| TS - Tree Sparrow | SV - Shoveler | KF - Kingfisher |
| WC - Whinchat | SW - Sedge Warbler | LG - Little Grebe |
| Y. - Yellowhammer | T. - Teal | LT - Long-tailed Tit |
| YW - Yellow Wagtail | TE - Sandwich Tern | LW - Lesser Whitethroat |
| | TO - Tawny Owl | MG - Magpie |
| | W. - Wheatear | MS - Mute Swan |
| | WH - Whitethroat | NH - Nuthatch |
| | VN - Wigeon | PE - Peregrine |
| | WP - Wood Pigeon | PH - Pheasant |
| | WR - Wren | PW - Pied Wagtail |
| | WS - Whooper Swan | R. - Robin |
| | WW - Willow Warbler | RH - Red-throated Diver |
| | | RL - Red-legged Partridge |
| | | RN - Raven |
| | | RW - Reed Warbler |
| | | SK - Siskin |
| | | SL - Swallow |
| | | SM - Sand Martin |
| | | TC - Treecreeper |
| Amber listed species | Green listed species | |
| AE - Arctic Tern | B. - Blackbird | |
| BF - Bullfinch | BC - Blackcap | |
| BH - Black-headed Gull | BO - Barn Owl | |
| CM - Common Gull | BT - Blue Tit | |
| CN - Common Tern | BZ - Buzzard | |
| CS - Common Sandpiper | C. - Carrion Crow | |
| D. - Dunnock | CA - Cormorant | |
| F. - Fulmar | CC - Chiffchaff | |
| GA - Gadwall | CD - Collared Dove | |
| GB - Great Black-backed Gull | CG - Canada Goose | |
| GE - Green Sandpiper | | |
| GJ - Greylag Goose | | |
| GL - Grey Wagtail | | |
| GU - Guillemot | | |
| GV - Grey Plover | | |
| GX - Gannet | | |
| K. - Kestrel | | |
| LB - Lesser Black-backed Gull | | |



PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

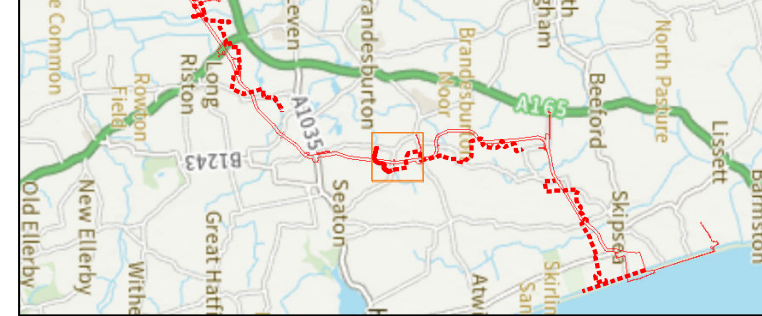
DRAWING TITLE
Figure 2.4.B. Transect 2 , June - Visit 4

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_4	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T2_44.B

	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:5,100





Survey Information

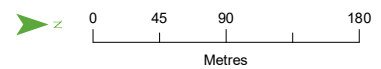
- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- x Bird singing
- ⊗ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:
 Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pipit	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P - Grey Partridge	SN - Snipe	H - Grey Heron
S - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	JD - Jackdaw
WC - Whinchat	SW - Sedge Warbler	KF - Kingfisher
Y - Yellowhammer	T - Teal	LG - Little Grebe
YW - Yellow Wagtail	TE - Sandwich Tern	LT - Long-tailed Tit
	TO - Tawny Owl	LW - Lesser Whitethroat
	W - Wheatear	MG - Magpie
	WH - Whitethroat	MS - Mute Swan
	WN - Wigeon	NH - Nuthatch
	WP - Wood Pigeon	PE - Peregrine
	WR - Wren	PH - Pheasant
	WS - Whooper Swan	PW - Pied Wagtail
	WW - Willow Warbler	R - Robin
		RH - Red-throated Diver
		RL - Red-legged Partridge
		RN - Raven
		RW - Reed Warbler
		SK - Siskin
		SL - Swallow
		SM - Sand Martin
		TC - Treecreeper
Amber listed species		
AE - Arctic Tern		
GA - Gadwall		
GB - Great Black-backed Gull		
GE - Green Sandpiper		
GJ - Greylag Goose		
GL - Grey Wagtail		
GU - Guillemot		
GV - Grey Plover		
GX - Gannet		
K - Kestrel		
LB - Lesser Black-backed Gull		
Green listed species		
B - Blackbird		
BC - Blackcap		
BO - Barn Owl		
BT - Blue Tit		
BZ - Buzzard		
C - Carrion Crow		
CA - Cormorant		
CC - Chiffchaff		
CD - Collared Dove		
CG - Canada Goose		

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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

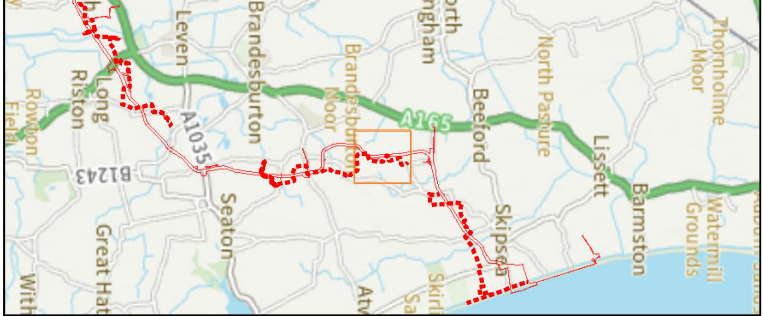
DRAWING TITLE
Figure 2.4.C. Transect 2 , June - Visit 4

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_4	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T2_44.C

peakecology LIMITED
 Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT.
www.peakecology.co.uk

DATUM OSGB
 PROJECTION BNG
 PLOT SIZE A3
 SCALE 1:5,100



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|-------------------------------|-------------------------------|-------------------------------|
| Red listed species | MA - Mallard | CH - Chaffinch |
| CB - Corn Bunting | MH - Moorhen | CO - Coot |
| CU - Curlew | MP - Meadow Pipit | CT - Coal Tit |
| CX - Common Scoter | | CW - Cetti's Warbler |
| FF - Fieldfare | | ET - Little Egret |
| GR - Greenfinch | PG - Pink-footed Goose | FP - Feral Pigeon |
| HG - Herring Gull | RA - Razorbill | G. - Green Woodpecker |
| HM - House Martin | RB - Reed Bunting | GC - Goldcrest |
| HS - House Sparrow | RE - Redwing | GG - Great Crested Grebe |
| KI - Kittiwake | RK - Redshank | GO - Goldfinch |
| L - Lapwing | RO - Rook | GP - Golden Plover |
| LJ - Linnet | SD - Stock Dove | GS - Great Spotted Woodpecker |
| M. - Mistle Thrush | SE - Short-eared Owl | GT - Great Tit |
| MT - Marsh Tit | SH - Sparrowhawk | GW - Garden Warbler |
| P. - Grey Partridge | SN - Snipe | H. - Grey Heron |
| S. - Skylark | SS - Sanderling | HY - Hobby |
| SG - Starling | ST - Song Thrush | J. - Jay |
| SI - Swift | SU - Shelduck | JD - Jackdaw |
| TS - Tree Sparrow | SV - Shoveler | KF - Kingfisher |
| WC - Whinchat | SW - Sedge Warbler | LG - Little Grebe |
| Y. - Yellowhammer | T. - Teal | LT - Long-tailed Tit |
| YW - Yellow Wagtail | TE - Sandwich Tern | LW - Lesser Whitethroat |
| | TO - Tawny Owl | MG - Magpie |
| | W. - Wheatear | MS - Mute Swan |
| | WH - Whitethroat | NH - Nuthatch |
| | WN - Wigeon | PE - Peregrine |
| | WP - Wood Pigeon | PH - Pheasant |
| | WR - Wren | PW - Pied Wagtail |
| | WS - Whooper Swan | R. - Robin |
| | WW - Willow Warbler | RH - Red-throated Diver |
| | | RL - Red-legged Partridge |
| | | RN - Raven |
| | | RW - Reed Warbler |
| | | SK - Siskin |
| | | SL - Swallow |
| | | SM - Sand Martin |
| | | TC - Treecreeper |
| Amber listed species | Green listed species | |
| AE - Arctic Tern | B. - Blackbird | |
| BF - Bullfinch | BC - Blackcap | |
| BH - Black-headed Gull | BO - Barn Owl | |
| CM - Common Gull | BT - Blue Tit | |
| CN - Common Tern | GL - Grey Wagtail | |
| CS - Common Sandpiper | GU - Guillemot | |
| D. - Dunnock | C. - Carrion Crow | |
| F. - Fulmar | CA - Cormorant | |
| GA - Gadwall | GX - Gannet | |
| GB - Great Black-backed Gull | K. - Kestrel | |
| GE - Green Sandpiper | LB - Lesser Black-backed Gull | |
| GJ - Greylag Goose | | |
| GL - Grey Wagtail | | |
| GU - Guillemot | | |
| GV - Grey Plover | | |
| GX - Gannet | | |
| K. - Kestrel | | |
| LB - Lesser Black-backed Gull | | |



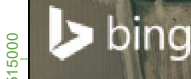
PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

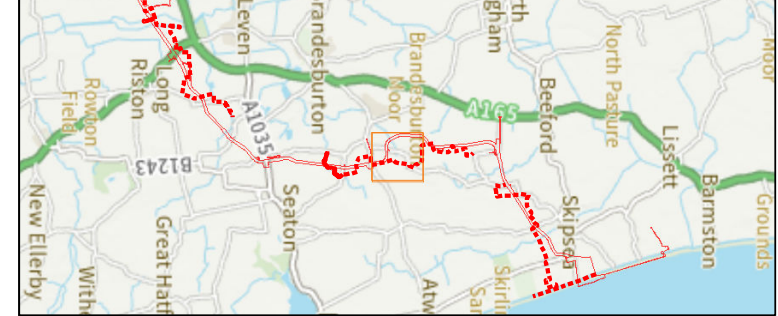
DRAWING TITLE
Figure 2.5.A. Transect 2 , July - Visit 5

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_5	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T2_55.A

	Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk	DATUM	OSGB
		PROJECTION	BNG
		PLOT SIZE	A3
		SCALE	1:5,700





Survey Information

Onshore Development Area
 Transect route

x Bird - alarm call → Red
x Bird sighting → Amber
x Bird calling → Green
x Bird singing Same bird
☼ Bird - aggressive encounter In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:
 Red Status = Red, Amber Status = Amber, Green/No Status = Green

Where more than one bird is observed then the size of the flock is in text alongside the record.

Red listed species	MA - Mallard	CH - Chaffinch
CB - Corn Bunting	MH - Moorhen	CO - Coot
CU - Curlew	MP - Meadow Pipit	CT - Coal Tit
CX - Common Scoter		CW - Cetti's Warbler
FF - Fieldfare		ET - Little Egret
GR - Greenfinch	PG - Pink-footed Goose	FP - Feral Pigeon
HG - Herring Gull	RA - Razorbill	G. - Green Woodpecker
HM - House Martin	RB - Reed Bunting	GC - Goldcrest
HS - House Sparrow	RE - Redwing	GG - Great Crested Grebe
KI - Kittiwake	RK - Redshank	GO - Goldfinch
L - Lapwing	RO - Rook	GP - Golden Plover
LJ - Linnet	SD - Stock Dove	GS - Great Spotted Woodpecker
M. - Mistle Thrush	SE - Short-eared Owl	GT - Great Tit
MT - Marsh Tit	SH - Sparrowhawk	GW - Garden Warbler
P. - Grey Partridge	SN - Snipe	H. - Grey Heron
S. - Skylark	SS - Sanderling	HY - Hobby
SG - Starling	ST - Song Thrush	J. - Jay
SI - Swift	SU - Shelduck	JD - Jackdaw
TS - Tree Sparrow	SV - Shoveler	KE - Kingfisher
WC - Whinchat	SW - Sedge Warbler	LG - Little Grebe
Y. - Yellowhammer	T. - Teal	LT - Long-tailed Tit
YW - Yellow Wagtail	TE - Sandwich Tern	LW - Lesser Whitethroat
	TO - Tawny Owl	MG - Magpie
	W. - Wheatear	MS - Mute Swan
	WH - Whitethroat	NH - Nuthatch
	WN - Wigeon	PE - Peregrine
	WP - Wood Pigeon	PH - Pheasant
	WR - Wren	PW - Pied Wagtail
	WS - Whooper Swan	R. - Robin
	WW - Willow Warbler	RH - Red-throated Diver
		RL - Red-legged Partridge
		RN - Raven
		RW - Reed Warbler
		SK - Siskin
		SL - Swallow
		SM - Sand Martin
		TC - Treecreeper

Amber listed species

AE - Arctic Tern	WH - Whitethroat	MS - Mute Swan
BF - Bullfinch	WN - Wigeon	NH - Nuthatch
BH - Black-headed Gull	WP - Wood Pigeon	PE - Peregrine
CM - Common Gull	WR - Wren	PH - Pheasant
CN - Common Tern	WS - Whooper Swan	PW - Pied Wagtail
CS - Common Sandpiper	WW - Willow Warbler	R. - Robin
D. - Dunnock		RH - Red-throated Diver
F. - Fulmar		RL - Red-legged Partridge
GA - Gadwall		RN - Raven
GB - Great Black-backed Gull		RW - Reed Warbler
GE - Green Sandpiper		SK - Siskin
GJ - Greylag Goose		SL - Swallow
GL - Grey Wagtail		SM - Sand Martin
GU - Guillemot		TC - Treecreeper
GV - Grey Plover		
GX - Gannet		
K. - Kestrel		
LB - Lesser Black-backed Gull		

Green listed species

B. - Blackbird	BC - Blackcap	RN - Raven
BO - Barn Owl	BT - Blue Tit	RW - Reed Warbler
BT - Blue Tit	BZ - Buzzard	SK - Siskin
CA - Cormorant	C. - Carrion Crow	SL - Swallow
CA - Cormorant	CA - Carrion Crow	SM - Sand Martin
CC - Chiffchaff	CD - Collared Dove	TC - Treecreeper
CD - Collared Dove	CG - Canada Goose	

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Scale: 0 45 90 180 Metres

PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

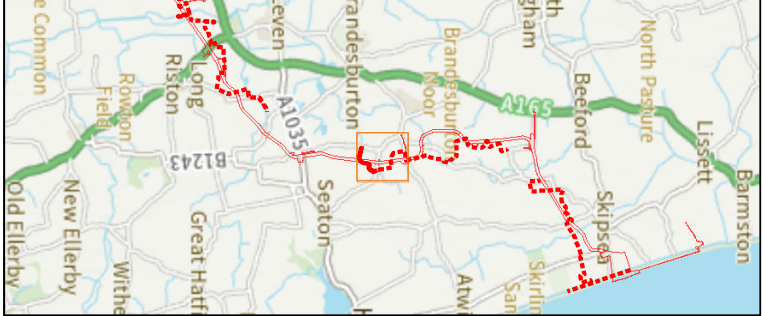
DRAWING TITLE
Figure 2.5.B. Transect 2 , July - Visit 5

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_5	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T2_55.B

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100

Arden House,
 Deepdale Business Park,
 Bakewell,
 Derbyshire,
 DE45 1GT.
www.peakecology.co.uk



Survey Information

- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
- Red
- Amber
- Green
- Same bird
- ⋯ In song at same time

Additional Information
 Letter codes within each circle refer to the corresponding BTO reference code and coloured according to their status:

Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|-------------------------------|-----------------------------|-------------------------------|
| Red listed species | MA - Mallard | CH - Chaffinch |
| CB - Corn Bunting | MH - Moorhen | CO - Coot |
| CU - Curlew | MP - Meadow Pipit | CT - Coal Tit |
| CX - Common Scoter | | CW - Cetti's Warbler |
| FF - Fieldfare | | ET - Little Egret |
| GR - Greenfinch | PG - Pink-footed Goose | FP - Feral Pigeon |
| HG - Herring Gull | RA - Razorbill | G - Green Woodpecker |
| HM - House Martin | RB - Reed Bunting | GC - Goldcrest |
| HS - House Sparrow | RE - Redwing | GG - Great Crested Grebe |
| KI - Kittiwake | RK - Redshank | GO - Goldfinch |
| L - Lapwing | RO - Rook | GP - Golden Plover |
| LJ - Linnet | SD - Stock Dove | GS - Great Spotted Woodpecker |
| M - Mistle Thrush | SE - Short-eared Owl | GT - Great Tit |
| MT - Marsh Tit | SH - Sparrowhawk | GW - Garden Warbler |
| P - Grey Partridge | SN - Snipe | H - Grey Heron |
| S - Skylark | SS - Sanderling | HY - Hobby |
| SG - Starling | ST - Song Thrush | J - Jay |
| SI - Swift | SU - Shelduck | JD - Jackdaw |
| TS - Tree Sparrow | SV - Shoveler | JD - Jackdaw |
| WC - Whinchat | SW - Sedge Warbler | KF - Kingfisher |
| Y - Yellowhammer | T - Teal | LG - Little Grebe |
| YW - Yellow Wagtail | TE - Sandwich Tern | LT - Long-tailed Tit |
| | TO - Tawny Owl | LW - Lesser Whitethroat |
| | W - Wheatear | MG - Magpie |
| Amber listed species | WH - Whitethroat | MS - Mute Swan |
| AE - Arctic Tern | WN - Wigeon | NH - Nuthatch |
| BF - Bullfinch | WP - Wood Pigeon | PE - Peregrine |
| BH - Black-headed Gull | WR - Wren | PH - Pheasant |
| CM - Common Gull | WS - Whooper Swan | PW - Pied Wagtail |
| CN - Common Tern | WW - Willow Warbler | R - Robin |
| CS - Common Sandpiper | | RH - Red-throated Diver |
| D - Dunnock | | RL - Red-legged Partridge |
| F - Fulmar | | RN - Raven |
| GA - Gadwall | | RW - Reed Warbler |
| GB - Great Black-backed Gull | | SK - Siskin |
| GE - Green Sandpiper | | SL - Swallow |
| GJ - Greylag Goose | | SM - Sand Martin |
| GL - Grey Wagtail | | TC - Treecreeper |
| GU - Guillemot | | |
| GV - Grey Plover | | |
| GX - Gannet | | |
| K - Kestrel | | |
| LB - Lesser Black-backed Gull | | |
| | Green listed species | |
| | B - Blackbird | |
| | BC - Blackcap | |
| | BO - Barn Owl | |
| | BT - Blue Tit | |
| | BZ - Buzzard | |
| | C - Carrion Crow | |
| | CA - Cormorant | |
| | CC - Chiffchaff | |
| | CD - Collared Dove | |
| | CG - Canada Goose | |



PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 2.5.C. Transect 2 , July - Visit 5

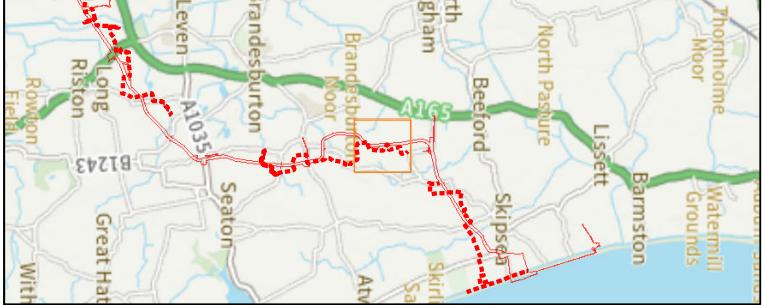
VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_5	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T2_55.C

DATUM	OSGB
PROJECTION	BNG
PLOT SIZE	A3
SCALE	1:5,100

peakecology LIMITED
 Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk





Survey Information

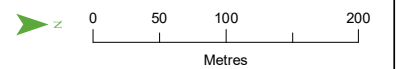
- Onshore Development Area
- Transect route
- x Bird - alarm call
- x Bird sighting
- x Bird calling
- (x) Bird singing
- ☀ Bird - aggressive encounter
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- ⋯ In song at same time

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Red Status = Red, Amber Status = Amber, Green/No Status = Green
 Where more than one bird is observed then the size of the flock is in text alongside the record.

- | | | |
|--|--|---|
| <p>Red listed species</p> <ul style="list-style-type: none"> CB - Corn Bunting CU - Curlew CX - Common Scoter FF - Fieldfare GR - Greenfinch HG - Herring Gull HM - House Martin HS - House Sparrow KI - Kittiwake L - Lapwing LJ - Linnet M - Mistle Thrush MT - Marsh Tit P - Grey Partridge S - Skylark SG - Starling SI - Swift TS - Tree Sparrow WC - Whinchat Y - Yellowhammer YW - Yellow Wagtail | <ul style="list-style-type: none"> MA - Mallard MH - Moorhen MP - Meadow Pipit PG - Pink-footed Goose RA - Razorbill RB - Reed Bunting RE - Redwing RK - Redshank RO - Rook SD - Stock Dove SE - Short-eared Owl SH - Sparrowhawk SN - Snipe SS - Sanderling ST - Song Thrush SU - Shelduck SV - Shoveler SW - Sedge Warbler T - Teal TE - Sandwich Tern TO - Tawny Owl W - Wheatear WH - Whitethroat WN - Wigeon WP - Wood Pigeon WR - Wren WS - Whooper Swan WW - Willow Warbler | <ul style="list-style-type: none"> CH - Chaffinch CO - Coot CT - Coal Tit CW - Cetti's Warbler ET - Little Egret FP - Feral Pigeon G - Green Woodpecker GC - Goldcrest GG - Great Crested Grebe GO - Goldfinch GP - Golden Plover GS - Great Spotted Woodpecker GT - Great Tit GW - Garden Warbler H - Grey Heron HY - Hobby J - Jay JD - Jackdaw KF - Kingfisher LG - Little Grebe LT - Long-tailed Tit LW - Lesser Whitethroat MG - Magpie MS - Mute Swan NH - Nuthatch PE - Peregrine PH - Pheasant PW - Pied Wagtail R - Robin RH - Red-throated Diver RL - Red-legged Partridge RN - Raven RW - Reed Warbler SK - Siskin SL - Swallow SM - Sand Martin TC - Treecreeper |
|--|--|---|

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PROJECT TITLE
DOGGER BANK SOUTH - BREEDING BIRD SURVEY

DRAWING TITLE
Figure 2.6.A. Transect 2 , August - Visit 6

VER	DATE	REMARKS	Drawn	Checked
2.1	25/04/24	T2_6	MP	CP

DRAWING NUMBER:
 PeakEcology/DB2BBS2023/T2_66.A

<p>peakecology LIMITED Arden House, Deepdale Business Park, Bakewell, Derbyshire, DE45 1GT. www.peakecology.co.uk</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DATUM</td> <td>OSGB</td> </tr> <tr> <td>PROJECTION</td> <td>BNG</td> </tr> <tr> <td>PLOT SIZE</td> <td>A3</td> </tr> <tr> <td>SCALE</td> <td>1:5,700</td> </tr> </table>	DATUM	OSGB	PROJECTION	BNG	PLOT SIZE	A3	SCALE	1:5,700
DATUM	OSGB								
PROJECTION	BNG								
PLOT SIZE	A3								
SCALE	1:5,700								

