



Code: UKCAL-CWF-CON-EIA-RPT-00007-7E17

Volume 7E Proposed Development (Onshore) Appendices

Appendix 3-7 Wintering Bird Survey Report Annex 1 Supporting Figures

Caledonia Offshore Wind Farm Ltd

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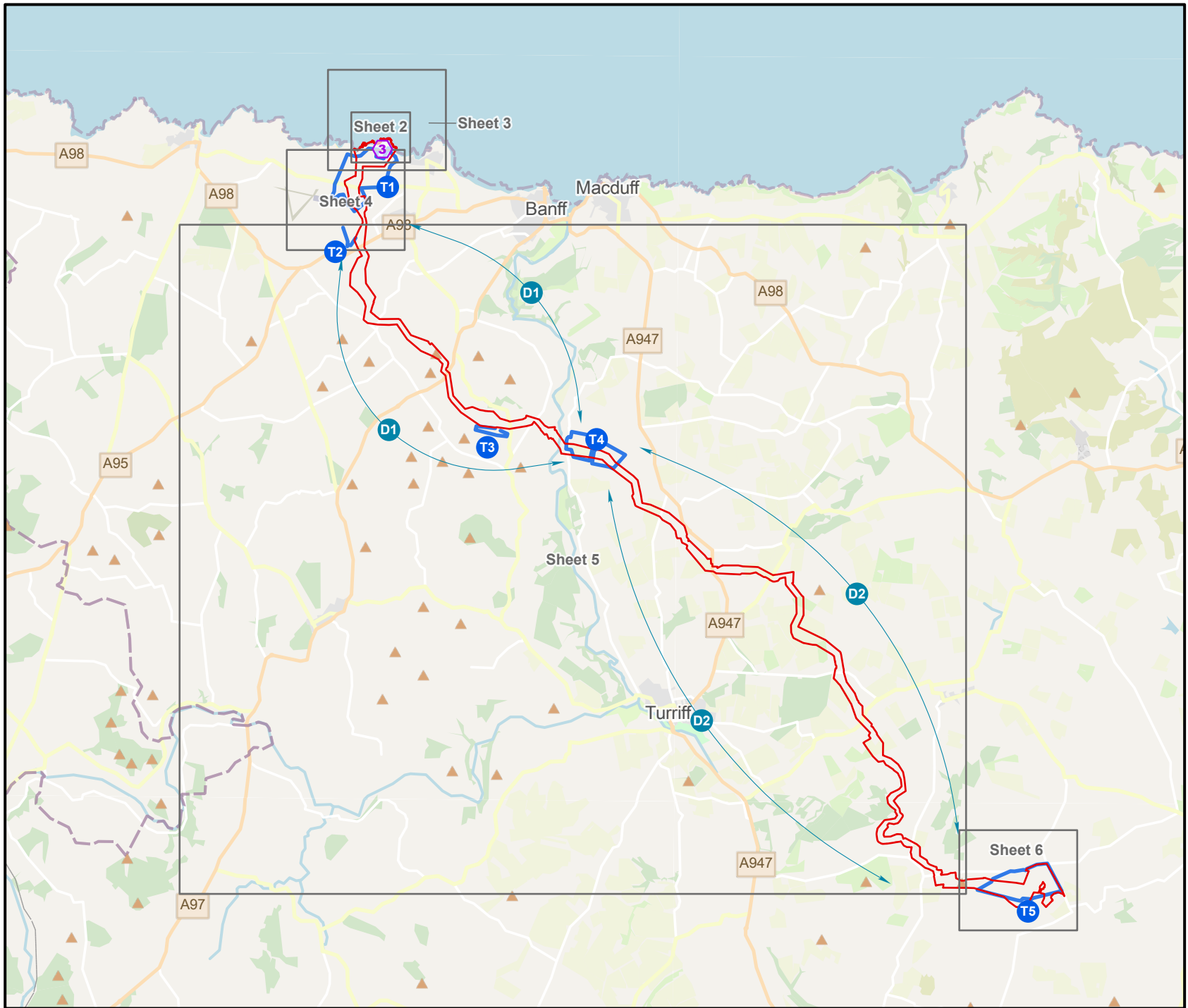
Volume 7E Appendix 3-7 Annex 1

Supporting Figures

Code	UKCAL-CWF-CON-EIA-RPT-00007-7E17
Revision	Issued
Date	18 October 2024

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Figure 3-7.1: Wintering Birds Survey Results

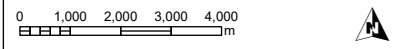
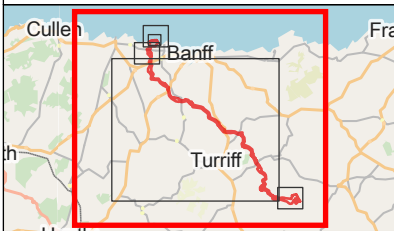


Onshore Transmission Infrastructure Red Line Boundary

Survey Transect Walking Driving **Vantage Point**

Bird Species Observation
Flock **Single** **Pair**

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REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP

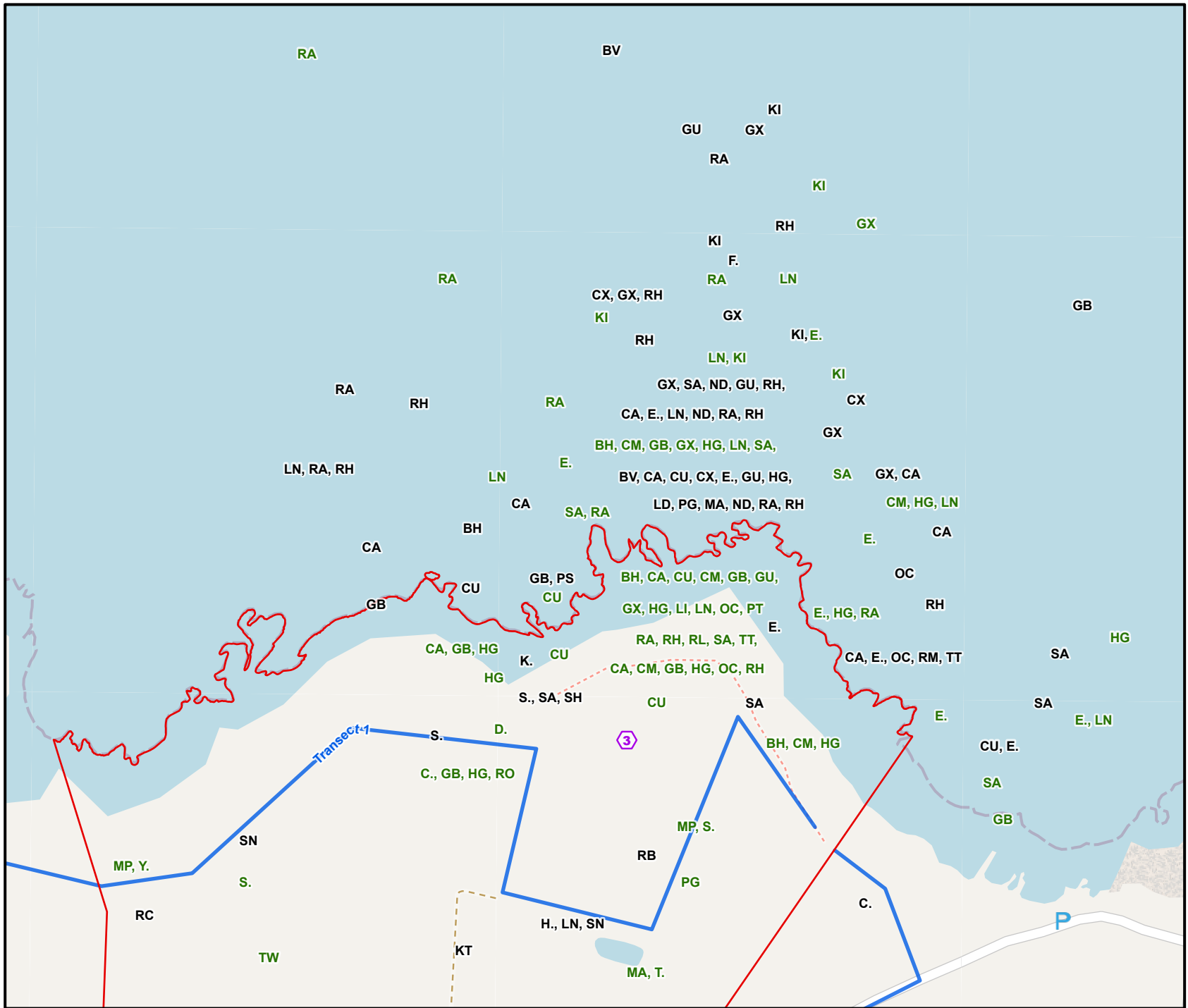
CALEDONIA Offshore Wind Farm **ARUP**

CONTRACTOR DRAWING NO UKCAL1_ARP_WNF_ENV_MAP_00358	CONTRACTOR REV 03
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GEODETIC PARAMETERS
OSGB36 / British National Grid (EPSG:27700)

DRAWING TITLE
**Figure 3-7.1:
Wintering Birds
Survey Results**

STATUS Approved	SCALE 1:150,000
DRAWING NUMBER N/A	SHEET NO 01 of 06
	REV N/A



Onshore Transmission Infrastructure Red Line Boundary

Survey Transect Walking Driving **Vantage Point**

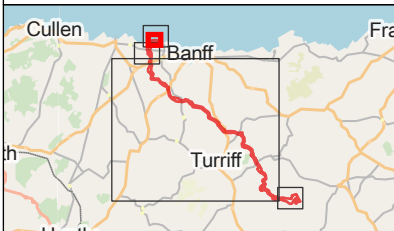
Bird Species Observation

Flock Single / Pair

BH - Black-headed Gull (<i>Larus ridibundus</i>)	ND - Great Northern Diver (<i>Gavia immer</i>)
BV - Black-throated Diver (<i>Gavia arctica</i>)	OC - Oystercatcher (<i>Haematopus ostralegus</i>)
C. - Carrion Crow (<i>Corvus corone corone</i>)	PG - Pink-footed Goose (<i>Anser brachyrhynchus</i>)
CA - Cormorant (<i>Phalacrocorax carbo</i>)	PS - Purple Sandpiper (<i>Calidris maritima</i>)
CM - Common Gull (<i>Larus canus</i>)	PT - Pintail (<i>Anas acuta</i>)
CU - Curlew (<i>Numenius arquata</i>)	RA - Razorbill (<i>Alca torda</i>)
CX - Common Scoter (<i>Melanitta nigra</i>)	RB - Reed Bunting (<i>Emberiza schoeniclus</i>)
D. - Dunnock (<i>Prunella modularis</i>)	RC - Rock Pipit (<i>Anthus petrosus</i>)
E. - Eider (<i>Somateria mollissima</i>)	RH - Red-throated Diver (<i>Gavia stellata</i>)
F. - Fulmar (<i>Fulmarus glacialis</i>)	RK - Redshank (<i>Tringa totanus</i>)
GB - Great Black-backed Gull (<i>Larus marinus</i>)	RL - Red-legged Partridge (<i>Alectoris rufa</i>)
GU - Guillemot (<i>Uria aalge</i>)	RM - Red-breasted Merganser (<i>Mergus serrator</i>)
GX - Gannet (<i>Morus bassanus</i>)	RO - Rook (<i>Corvus frugilegus</i>)
HG - Herring Gull (<i>Larus argentatus</i>)	S. - Sky lark (<i>Alauda arvensis</i>)
K. - Kestrel (<i>Falco tinnunculus</i>)	SA - Shag (<i>Phalacrocorax aristotelis</i>)
KI - Kittiwake (<i>Rissa tridactyla</i>)	SN - Common Snipe (<i>Gallinago gallinago</i>)
LD - Long-billed Dowitcher (<i>Limnodromus scolopaceus</i>)	T. - Teal (<i>Anas crecca</i>)
LI - Linnet (<i>Carduelis cannabina</i>)	TT - Turnstone (<i>Arenaria interpres</i>)
LN - Long-tailed Duck (<i>Clangula hyemalis</i>)	TW - Twite (<i>Carduelis flavirostris</i>)
MA - Mallard (<i>Anas platyrhynchos</i>)	Y. - Yellowhammer (<i>Emberiza citrinella</i>)
MP - Meadow Pipit (<i>Anthus pratensis</i>)	

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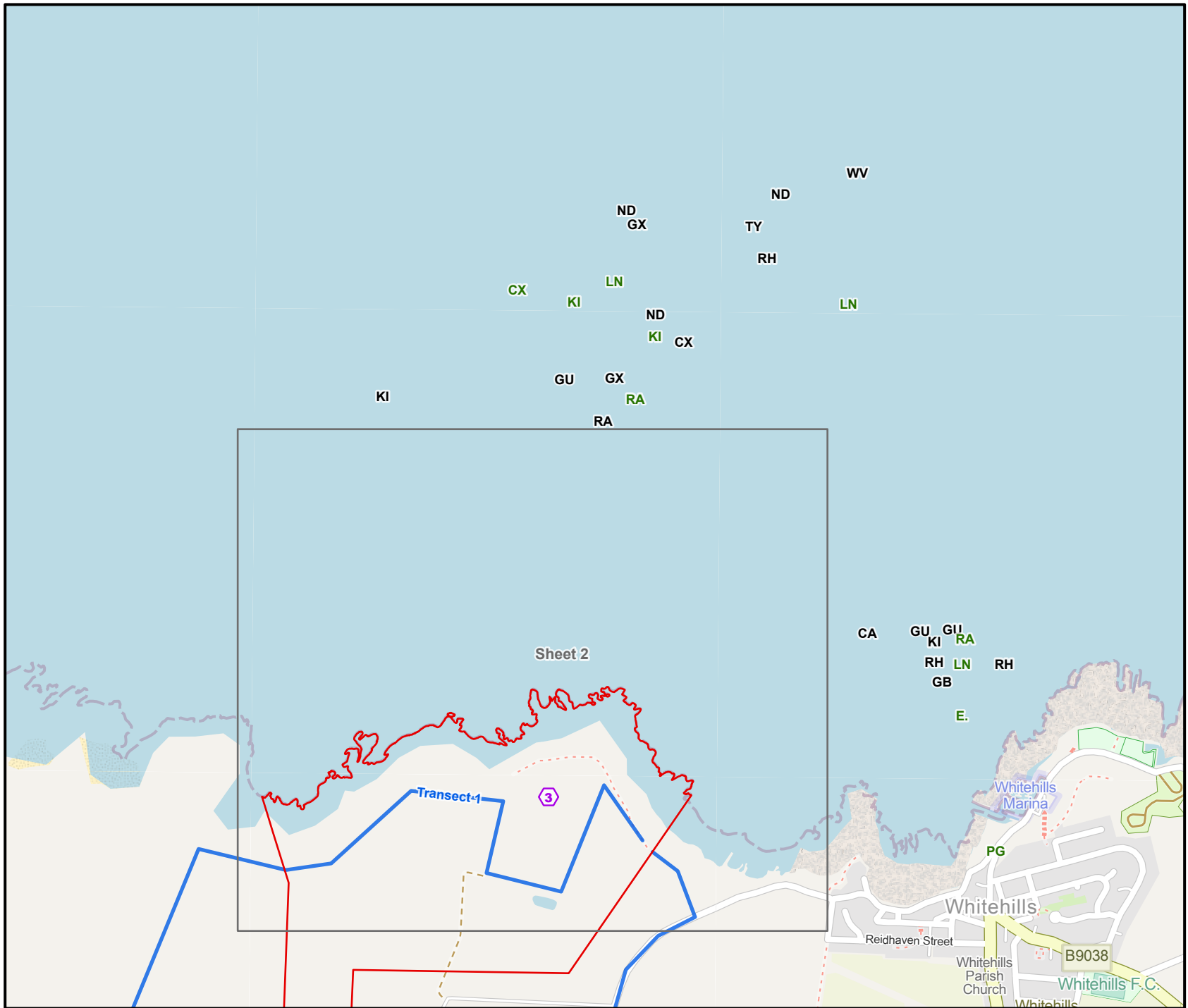
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Wintering Birds
Survey Results**

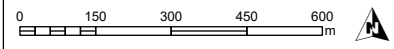
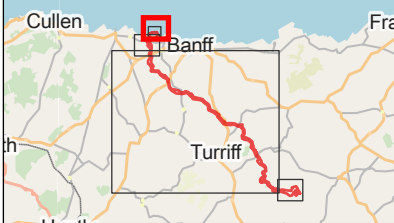
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Onshore Transmission Infrastructure Red Line Boundary
 Survey Transect ① Walking ② Driving ③ Vantage Point
Bird Species Observation
█ Flock █ Single / Pair

- CA - Cormorant (*Phalacrocorax carbo*)
- CX - Common Scoter (*Melanitta nigra*)
- E. - Eider (*Somateria mollissima*)
- GB - Great Black-backed Gull (*Larus marinus*)
- GU - Guillemot (*Uria aalge*)
- GX - Gannet (*Morus bassanus*)
- KI - Kittiwake (*Rissa tridactyla*)
- LN - Long-tailed Duck (*Clangula hyemalis*)
- ND - Great Northern Diver (*Gavia immer*)
- PG - Pink-footed Goose (*Anser brachyrhynchus*)
- RA - Razorbill (*Alca torda*)
- RH - Red-throated Diver (*Gavia stellata*)
- TY - Black Guillemot (*Cephus grylle*)
- WV - White-billed Diver (*Gavia adamsii*)

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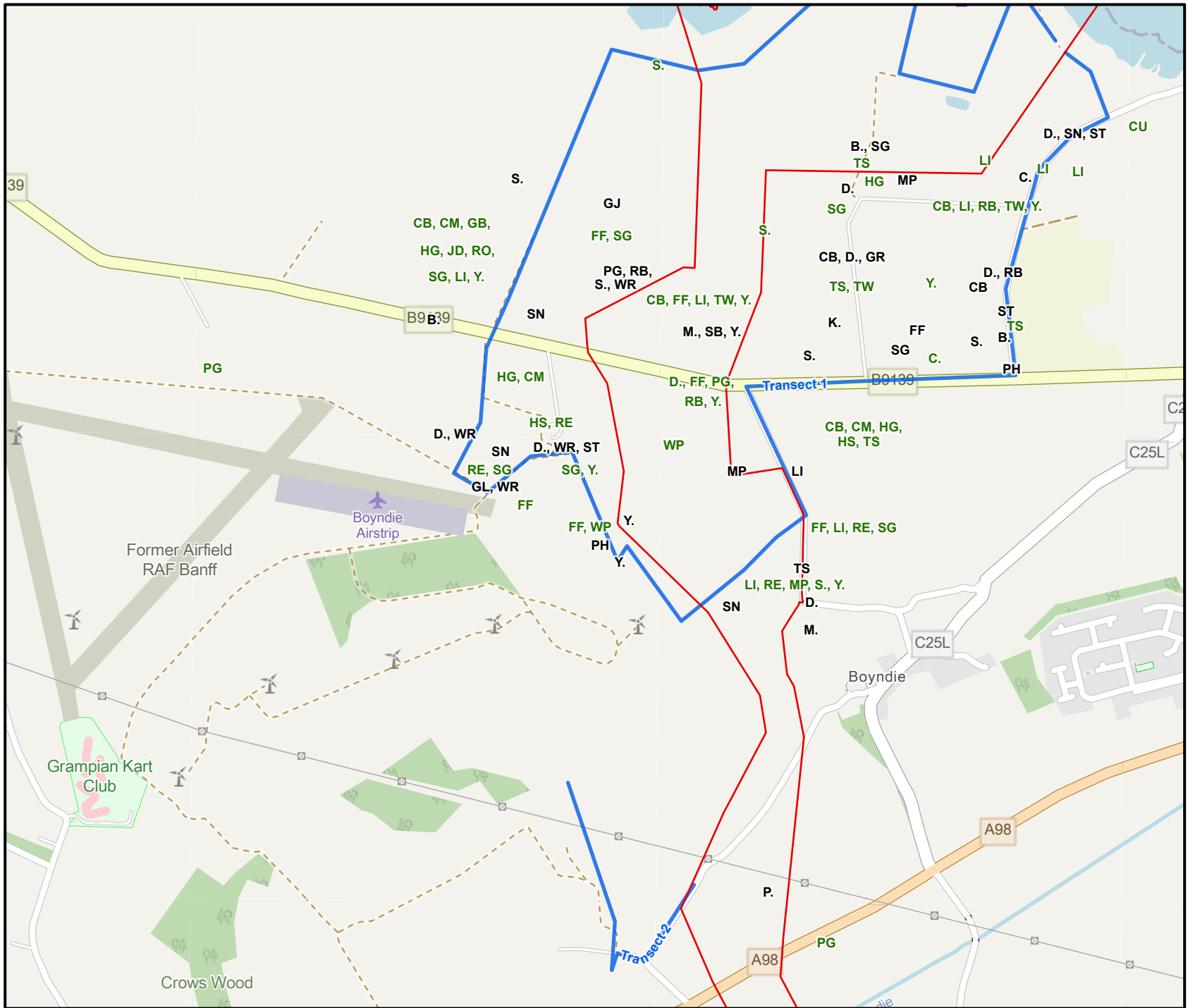
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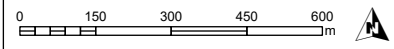
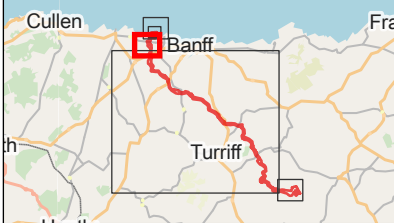
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- Onshore Transmission Infrastructure Red Line Boundary**
- Survey Transect** Walking Driving **Vantage Point**
- Bird Species Observation**
- Flock Single / Pair**
- B. - Blackbird (*Turdus merula*)
 - C. - Carrion Crow (*Corvus corone corone*)
 - CB - Corn Bunting (*Miliaria calandria*)
 - CM - Common Gull (*Larus canus*)
 - CU - Curlew (*Numenius arquata*)
 - D. - Dunnock (*Prunella modularis*)
 - FF - Fieldfare (*Turdus pilaris*)
 - GB - Great Black-backed Gull (*Larus marinus*)
 - GJ - Greylag Goose (*Anser anser*)
 - GL - Grey Wagtail (*Motacilla cinerea*)
 - GP - Golden Plover (*Pluvialis aprinaria*)
 - GR - Greenfinch (*Carduelis chloris*)
 - HG - Herring Gull (*Larus argentatus*)
 - HS - House Sparrow (*Passer domesticus*)
 - JD - Jackdaw (*Corvus monedula*)
 - K. - Kestrel (*Falco tinnunculus*)
 - KT - Red Kite (*Milvus milvus*)
 - LI - Linnet (*Carduelis cannabina*)
 - M. - Mistle Thrush (*Turdus viscivorus*)
 - MA - Mallard (*Anas platyrhynchos*)
 - MP - Meadow Pipit (*Anthus pratensis*)
 - P. - Grey Partridge (*Perdix perdix*)
 - PG - Pink-footed Goose (*Anser brachyrhynchus*)
 - PH - Pheasant (*Phasianus colchicus*)
 - RB - Reed Bunting (*Emberiza schoeniclus*)
 - RE - Redwing (*Turdus iliacus*)
 - RO - Rook (*Corvus frugilegus*)
 - S. - Sky lark (*Alauda arvensis*)
 - SB - Snow Bunting (*Plectrophenax nivalis*)
 - SG - Starling (*Sturnus vulgaris*)
 - SN - Common Snipe (*Gallinago gallinago*)
 - ST - Song Thrush (*Turdus philomelos*)
 - T. - Teal (*Anas crecca*)
 - TS - Tree Sparrow (*Passer montanus*)
 - TW - Twite (*Carduelis flavirostris*)
 - WP - Woodpigeon (*Columba palumbus*)
 - WR - Wren (*Troglodytes troglodytes*)
 - Y. - Yellowhammer (*Emberiza citrinella*)

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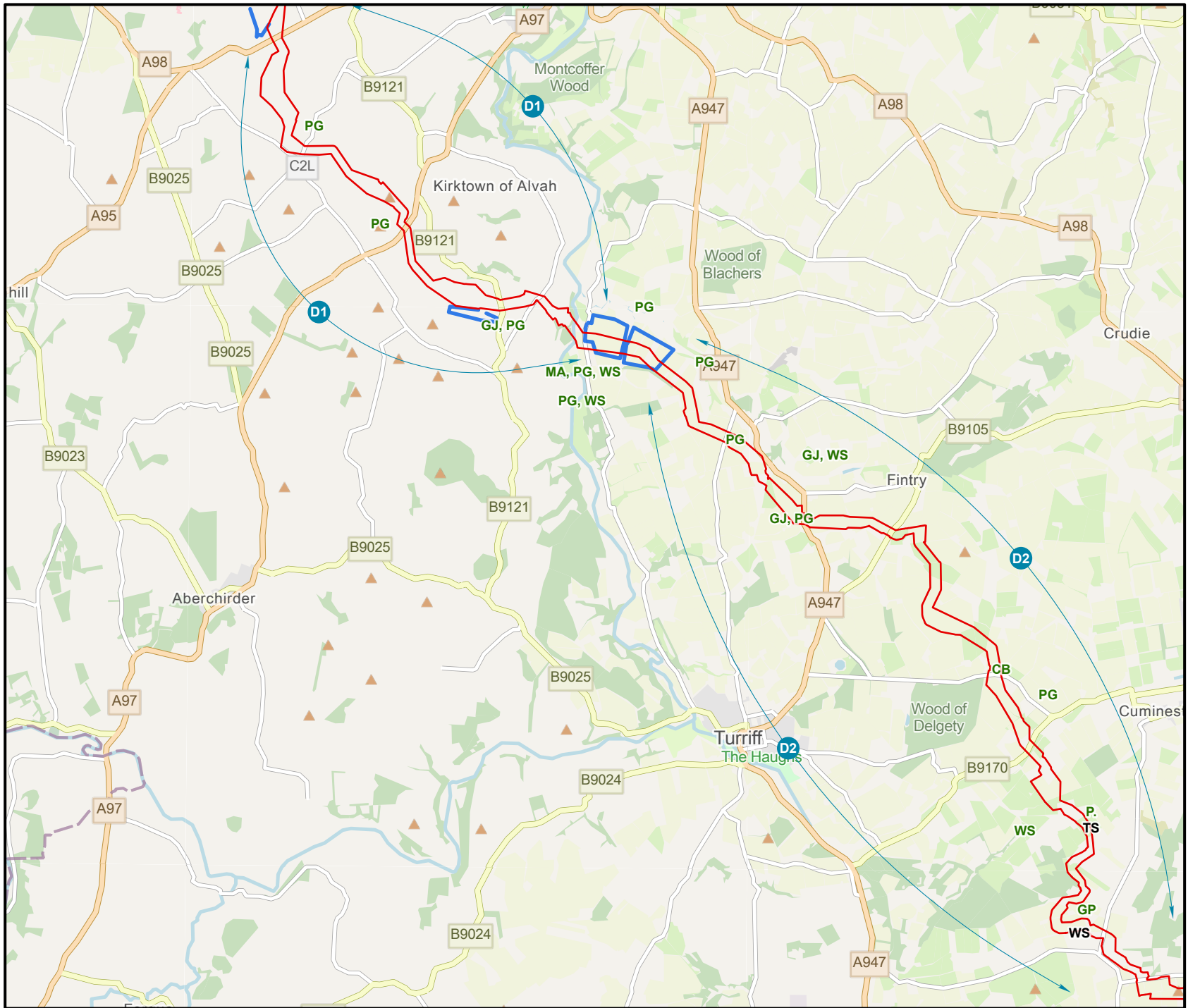
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Survey Results**

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Onshore Transmission Infrastructure Red Line Boundary

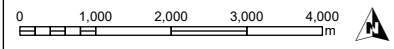
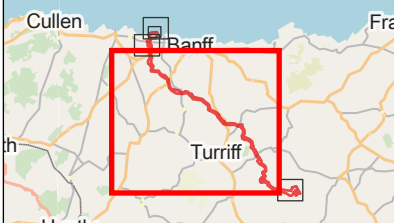
Survey Transect Walking Driving **Vantage Point**

Bird Species Observation

Flock Single / Pair

CB - Corn Bunting (*Miliaria calandra*)
 GJ - Greylag Goose (*Anser anser*)
 GP - Golden Plover (*Pluvialis apricaria*)
 MA - Mallard (*Anas platyrhynchos*)
 P - Grey Partridge (*Perdix perdix*)
 PG - Pink-footed Goose (*Anser brachyrhynchus*)
 TS - Tree Sparrow (*Passer montanus*)
 WS - Whooper Swan (*Cygnus cygnus*)

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CONTRACTOR REV
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 Wintering Birds
 Survey Results**

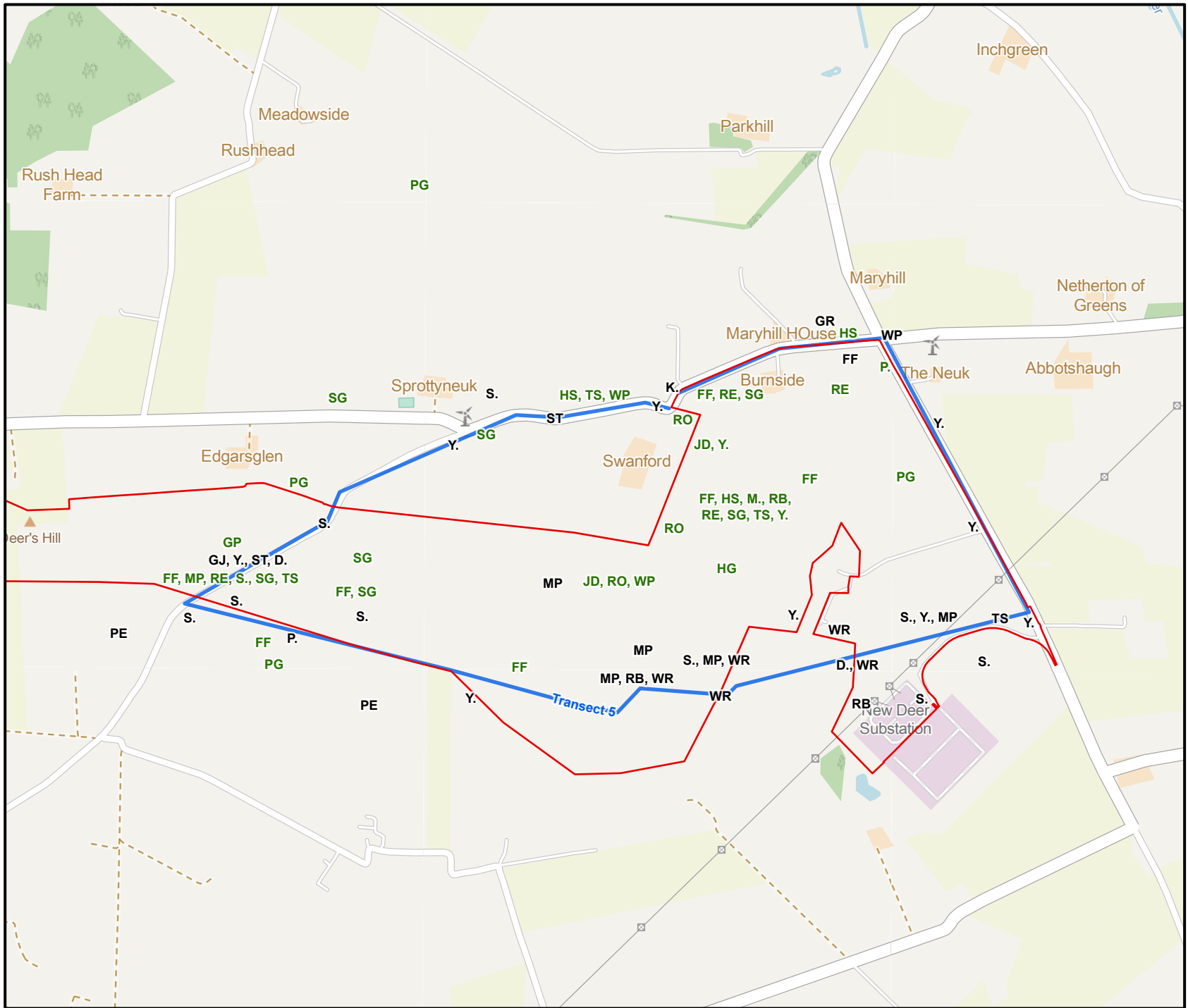
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SHEET NO
 05 of 06

REV
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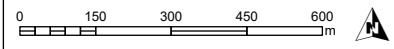
Survey Transect Walking Driving **Vantage Point**

Bird Species Observation

Flock Single / Pair

D. - Dunnoek (*Prunella modularis*) WP - Woodpigeon (*Columba palumbus*)
 FF - Fieldfare (*Turdus pilaris*) GJ - Greylag Goose (*Anser anser*) WR - Wren (*Troglodytes troglodytes*)
 GP - Golden Plover (*Pluvialis apricaria*) Y. - Yellowhammer (*Emberiza citrinella*)
 GR - Greenfinch (*Carduelis chloris*)
 HG - Herring Gull (*Larus argentatus*)
 HS - House Sparrow (*Passer domesticus*)
 JD - Jackdaw (*Corvus monedula*)
 K. - Kestrel (*Falco tinnunculus*)
 M. - Mistle Thrush (*Turdus viscivorus*)
 MA - Mallard (*Anas platyrhynchos*)
 MP - Meadow Pipit (*Anthus pratensis*)
 P. - Grey Partridge (*Perdix perdix*)
 PE - Peregrine (*Falco peregrinus*)
 PG - Pink-footed Goose (*Anser brachyrhynchus*)
 RB - Reed Bunting (*Emberiza schoeniclus*)
 RE - Redwing (*Turdus iliacus*)
 RO - Rook (*Corvus frugilegus*)
 S. - Sky lark (*Alauda arvensis*)
 SG - Starling (*Sturnus vulgaris*)
 ST - Song Thrush (*Turdus philomelos*)
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**Figure 3-7.1:
Wintering Birds
Survey Results**

STATUS Approved	SCALE 1:15,000
DRAWING NUMBER N/A	SHEET NO / REV 06 of 06 / N/A

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