Arklow Bank Wind Park 2

Environmental Impact Assessment Report

Volume III, Appendix 12.3: Offshore Ornithology Technical Report - Monthly Seabird Abundance (Revised March 2026)

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Arklow Bank Wind Park 2

~~Technical~~ Appendix 12.03 Offshore Ornithology Technical Report

Monthly Seabird Abundance (Revised March 2026)

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LIST OF TABLES

~~Glossary~~

~~Term~~	~~Meaning~~
~~Array Area~~	~~The Array Area is the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter-array and interconnector cabling) and foundations will be installed.~~
~~c.i.~~	~~95% confidence range~~

~~Acronyms~~

~~Term~~	~~Meaning~~
~~c.i.~~	~~Confidence Interval~~
~~JNCC~~	~~Joint Nature Conservation Committee~~

~~Units~~

~~Unit~~	~~Description~~
~~km~~	~~Kilometre (distance)~~

1 OFFSHORE ORNITHOLOGY TECHNICAL REPORT: – MONTHLY SEABIRD ABUNDANCE

1.1 Introduction

1. This Technical Report provides tables of seabird abundance in each calendar month for each species recorded in the Survey Area (Volume III, Appendix 12.1: Offshore Ornithology Technical Report – Overview).

2. The tables provide abundance estimates for species recorded within the Array Area, the Array Area plus 2 km buffer and the Array Area plus 4 km buffer. These have been derived from the complete two-year dataset including 25 surveyed months (March 2018 to April 2020)[1].

3. For each species there are three tables (a to c) showing the abundance of all birds recorded, birds recorded on the sea surface only, and birds in flight only, in the following sequence:

   a) Abundance of all birds recorded (i.e. in flight and on the sea);

   b) Abundance of birds recorded in flight only; and

   c) Abundance of birds recorded on the sea surface only.

4. A key to the table numbering is provided in Table 12.3.1.

1.2 Monthly seabird abundance

5. For each bird species, monthly abundances are summarised as the mean and 95% confidence range, derived from 1,000 nonparametric bootstrap samples. The upper and lower confidence intervals were calculated by pooling all the bootstrap samples for each month. Thus, for all months except July these have been calculated from 2,000 samples in each month, and for July 3,000 samples were used. The mean was calculated as the average of the individual monthly mean values (i.e. across two estimates for all months except July and across three estimates in July only).

6. Abundance of birds recorded within the following five high-level species groups (i.e. birds identified to family level, not to species) are also presented:

   - Arctic or common tern;
   - Large auk species (guillemot and razorbill);
   - Cormorant or shag;
   - Diver species (red-throated diver, black-throated diver, great northern diver); and
   - Small gull species (common gull, black-headed gull, little gull, kittiwake).

7. For guillemot and razorbill, adjustment was made to account for availability bias, with number recorded on the sea multiplied by a species-specific correction factor to account for individuals expected to be underwater when the image was taken. The values used were those advised by the Joint Nature Conservation Committee (JNCC) (Allen, 2013): 1.316 and 1.204 for guillemot and

[1] Twenty-five aerial surveys were carried out; three surveys in July and two in every other calendar month.

~~razorbill respectively, to account for estimates that 24% and 17% of these species are underwater at any given time.~~

Table 1. Arklow Bank. Design-based estimates of Arctic / common tern abundance in flight and on the sea in the entire consent area and buffer zones.

	Abundance					
	Wind farm		**Wind farm & 2km buffer**		**Wind farm and 4km buffer**	
Month	**Abundance**	**95% c.i.**	**Abundance**	**95% c.i.**	**Abundance**	**95% c.i.**
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	190	10-530	215	20-570	230	30-590.12
May	150	24.88-335	190	45-385	220	70-415
Jun	0	0-0	0	0-0	0	0-0
Jul	5	0-15	10	0-25	25	5-55
Aug	315	115-592.56	420	134.94-785.06	440	160-812.81
Sep	53.33	10-113.33	123.33	43.33-223.33	143.33	60-246.67
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table 2. Arklow Bank. Design-based estimates of Arctic / common tern abundance in flight only in the entire consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	Abundance	95% c.i.	Abundance	95% c.i.	Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	35	5-75	60	19.88-115	75	30-130
May	95	5-220	130	20-275	160	45-315
Jun	0	0-0	0	0-0	0	0-0
Jul	5	0-15	10	0-25	25	5-55
Aug	132.5	50-242.5	167.5	72.5-292.56	187.5	87.44-322.5
Sep	33.33	3.33-76.67	96.67	30-190	113.33	40-213.5
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table 3. Arklow Bank. Design-based estimates of Arctic / common tern abundance on the sea only in the entire consent area and buffer zones.

~~**Table 12.3.1: Key to species abundance tables. Each table is provided as 'a' 'b' or 'c' for abundance of all birds in flight and on the sea, in flight only or on the sea only respectively.**~~

~~Species~~	~~All birds in flight and on sea~~ ~~In flight~~ ~~On sea~~ Abundance					
~~Arctic skua~~	~~12.3.1 a~~Wind farm		~~12.3.1 b~~Wind farm & 2km buffer		~~12.3.1 c~~Wind farm and 4km buffer	
~~Arctic tern~~Month	Abundance	~~12.3.2 a~~95% c.i.	Abundance	~~12.3.2 b~~95% c.i.	Abundance	~~12.3.2~~95% c.i.
~~Arctic/common tern~~		~~12.3.3 a~~		~~12.3.3 b~~		~~12.3.3 c~~
~~Auk species~~Jan	0	~~12.3.4 a~~0-0	0	~~12.3.4 b~~0-0	0	~~12.3.4 c~~0-0
~~Black-headed gull~~Feb	0	~~12.3.5 a~~0-0	0	~~12.3.5 b~~0-0	0	~~12.3.5 c~~0-0
~~Common gull~~		~~12.3.6 a~~		~~12.3.6 b~~		~~12.3.6 c~~
~~Common scoter~~Mar	0	~~12.3.7 a~~0-0	0	~~12.3.7 b~~0-0	0	~~12.3.7 c~~0-0
~~Common tern~~		~~12.3.8 a~~		~~12.3.8 b~~		~~12.3.8 c~~
~~Cormorant~~Apr	155	~~12.3.9 a~~0-465	155	~~12.3.9 b~~0-465	155	~~12.3.9 c~~0-465
~~Cormorant/shag species~~		~~12.3.10 a~~		~~12.3.10 b~~		~~12.3.10 c~~
~~Diver species~~ May	55	~~12.3.11 a~~0-160	60	~~12.3.11 b~~0-165	60	~~12.3.11 c~~0-165
~~Fulmar~~Jun	0	~~12.3.12 a~~0-0	0	~~12.3.12 b~~0-0	0	~~12.3.12 c~~0-0
~~Gannet~~		~~12.3.13 a~~		~~12.3.13 b~~		~~12.3.13 c~~
~~Great black-backed gull~~Jul	0	~~12.3.14 a~~0-0	0	~~12.3.14 b~~0-0	0	~~12.3.14 c~~0-0
~~Great northern diver~~		~~12.3.15 a~~		~~12.3.15 b~~		~~12.3.15 c~~
~~Guillemot~~Aug	182.5	~~12.3.16 a~~30-430	252.5	~~12.3.16 b~~32.44-572.56	252.5	~~12.3.16 c~~30-580

Species	All birds in flight and on sea In flight On sea Abundance					
Arctic skua	12.3.1 aWind farm		12.3.1 bWind farm & 2km buffer		12.3.1 cWind farm and 4km buffer	
Arctic ternMonth	Abundance	12.3.2 a95% c.i.	Abundance	12.3.2 b95% c.i.	Abundance	12.3.295% c.i.
Herring gull		12.3.17 a		12.3.17 b		12.3.17 c
KittiwakeSep	20	12.3.18 a0-53.33	26.67	12.3.18 b3.33-63.33	30	12.3.18 c6.67-66.67
Lesser black-backed gullOct	0	12.3.19 a0-0	0	12.3.19 b0-0	0	12.3.19 c0-0
Little gull		12.3.20 a		12.3.20 b		12.3.20 c
Manx shearwaterNov	0	12.3.21 a0-0	0	12.3.21 b0-0	0	12.3.21 c0-0
Puffin		12.3.22 a		12.3.22 b		12.3.22 c
RazorbillDec	0	12.3.23 a0-0	0	12.3.23 b0-0	0	12.3.23 c0-0
Red-throated diver		12.3.24 a		12.3.24 b		12.3.24 c
Sandwich tern		12.3.25 a		12.3.25 b		12.3.25 c
Shag		12.3.26 a		12.3.26 b		12.3.26 c
Small gull species		12.3.27 a		12.3.27 b		12.3.27 c

Table ~~12.3.1 a:~~ 4. Arklow Bank. Design-based estimates of Arctic skua abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	10	0-30
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.1 b:~~ 5. Arklow Bank. Design-based estimates of Arctic skua abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	10	~~0-35.25~~0-30
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.1 c:~~ 6. Arklow Bank. Design-based estimates of Arctic skua abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.2 a:~~ 7. Arklow Bank. Design-based estimates of Arctic tern abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	~~245~~127.5	~~52.38 553.38~~22.5-300	~~295~~155	~~90 627.88~~42.5-342.5	~~310~~167.5	~~125 770.25~~50-357.5
May	~~285~~190	~~82.38 565.25~~39.92-413.42	~~350~~240	~~142.38 653.12~~79.92-470	~~380~~280	~~155 727.88~~96.67-520.08
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	~~0~~20	~~0 0~~0-60
Aug	~~3230~~1076.67	~~827.05 5474~~363.33-2093.92	~~3340~~1113.33	~~1109.50 6260.25~~419.92-2093.33	~~3640~~1226.67	~~1832.75 6881.50~~456.58-2240
Sep	~~30~~20	~~5 72.62~~0-53.33	~~130~~86.67	~~47.38 255~~26.67-170	~~210~~143.33	~~72.38 372.62~~46.67-280
Oct	20	~~0 47.62~~0-45	20	~~5 45.25~~0-45	25	0-60
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.2 b:~~ 8. Arklow Bank. Design-based estimates of Arctic tern abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	~~245~~127.5	~~39.50-634.62~~22.5-307.5	~~295~~155	~~97.38-635.50~~42.5-352.5	~~310~~167.5	~~97.38-712.62~~47.5-372.69
May	~~90~~60	~~25-197.88~~13.25-130	~~155~~110	~~60-280.25~~36.67-210	~~185~~150	~~92.12-300~~60-263.5
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	~~0~~20	~~0-0~~0-60
Aug	~~1640~~546.67	~~719.50-2685.25~~173.25-1056.83	~~1750~~583.33	~~780-3352.50~~203.33-1110	~~1870~~636.67	~~678.50-2971.50~~250-1133.42
Sep	~~30~~20	~~0-75~~0-53.33	~~130~~86.67	~~47.38-217.62~~29.92-163.33	~~210~~143.33	~~87.38-402.62~~46.58-276.67
Oct	20	~~0-47.62~~0-50	20	~~2.38-40~~0-45	25	~~0-57.62~~0-60.12
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.2 c:~~ 9. Arklow Bank. Design-based estimates of Arctic tern abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	~~195~~130	~~0-477.62~~0-306.92	~~195~~130	~~0-432.88~~0-306.67	~~195~~130	~~0-476.75~~0-306.67
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	~~1590~~530	~~133.75-3736~~50-1260.17	~~1590~~530	~~202.25-3988.25~~53.25-1356.67	~~1770~~590	~~315-4263.50~~80-1460.17
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.3 a:~~ 10. Arklow Bank. Design-based estimates of ~~Arctic/common tern~~Auk / shearwater species abundance~~,~~ in flight and on the sea in the entire consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	~~0~~10	~~0-0~~0-30
Mar	~~0~~10	~~0-0~~0-30	~~0~~10	~~0-0~~0-30	~~0~~10	~~0-0~~0-30
Apr	~~19~~55	~~12.38-522.88~~10-130	~~21~~75	~~25-572.62~~10-155	~~23~~110	~~35-590.25~~35-200
May	~~15~~40	~~20-325.5~~5-90	~~19~~150	~~47.38-360.50~~69.88-245	~~22~~280	~~75-405.25~~150-430
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	~~0~~20	~~0-0~~0-50	~~20~~26.67	~~0-60~~3.33-60
Aug	~~54~~37.5	~~228.75-887.88~~2.5-95	~~61~~115	~~286.62-1022.62~~20-250.06	~~64~~147.5	~~287.12-1158.62~~45-287.5
Sep	~~8~~30	~~20-172.62~~0-73.33	~~18~~60	~~67.38-315~~6.67-130	~~21~~76.67	~~92.38-345.50~~20-153.33
Oct	0	0-0	~~0~~10	~~0-0~~0-30.25	~~0~~20	~~0-0~~0-50
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.3 b:~~ 11. Arklow Bank. Design-based estimates of ~~Arctic/common tern~~Auk / shearwater species abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	~~0~~10	~~0-0~~0-30
Mar	0	0-0	0	0-0	0	0-0
Apr	~~3~~50	~~5-65.25~~0-0	~~6~~05	~~25-105~~0-15	~~75~~10	~~30-132.88~~0-25
May	~~95~~0	~~5-207.88~~0-0	~~130~~20	~~27.38-267.88~~0-45	~~160~~30	~~60-310.25~~5-75
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	~~0~~3.33	~~0-0~~0-10	~~20~~6.67	~~0-60~~0-16.67
Aug	~~255~~0	~~112.38-438.12~~0-0	~~305~~0	~~155-490.25~~0-0	~~335~~0	~~159.75-545.50~~0-0
Sep	~~50~~0	~~7.38-112.62~~0-0	~~145~~6.67	~~35-283.12~~0-20	~~165~~6.67	~~60-295.25~~0-20
Oct	0	0-0	0	0-0	~~0~~10	~~0-0~~0-30
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.3 c:~~ 12. Arklow Bank. Design-based estimates of ~~Arctic/common tern~~Auk / shearwater species abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	~~0~~10	~~0-0~~0-30	~~0~~10	~~0-0~~0-30	~~0~~10	~~0-0~~0-30
Apr	~~15~~55	~~0-46~~5-125.12	~~15~~70	~~0-546.38~~10-155	~~15~~100	~~0-46~~5-190
May	~~5~~40	~~0-15~~5-85.12	~~60~~130	~~0-170~~55-215.12	~~60~~250	~~2.38-215~~135-395.12
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	~~0~~16.67	~~0-0~~0-43.33	~~0~~20	~~0-0~~0-50
Aug	~~28~~5 37.5	~~59.75-58~~5 2.5-100	~~310~~115	~~52.12-648.62~~20-247.56	~~310~~147.5	~~74.75-662.62~~45-290
Sep	30	~~0-90~~0-73.33	~~40~~53.33	~~10-82.62~~6.67-120	~~45~~70	~~5-107.62~~16.67-136.67
Oct	0	0-0	~~0~~10	~~0-0~~0-30	~~0~~10	~~0-0~~0-30
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.4 a:~~ 13. Arklow Bank. Design-based estimates of Auk species abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~975~~700	~~531.88 1496.75~~350-1126.67	~~1175~~836.67	~~747.50 1805.50~~463.33-1263.42	~~1200~~856.67	~~721.62 2008.50~~466.58-1280.17
~~Feb~~2	~~385~~270	~~172.12 638.38~~97.5-492.5	~~395~~282.5	~~169.75 752.62~~112.5-505	~~425~~300	~~224 737.88~~125-522.56
~~Mar~~3	~~5~~17.5	~~0 15~~2.5-42.62	~~10~~22.5	~~0 25~~2.5-52.5	~~10~~25	~~0 25~~5-55
~~Apr~~4	~~5~~22.5	~~0 15~~2.5-50	~~30~~47.5	~~2.38 67.62~~12.5-95	~~65~~77.5	~~30 110~~30-135
~~May~~5	~~25~~62.5	~~0 65.25~~20-125	~~90~~150	~~25 157.88~~67.44-255	~~120~~197.5	~~50 192.62~~107.44-300
~~Jun~~6	~~30~~23.33	~~0 85~~0-66.67	~~40~~36.67	~~5 92.62~~0-86.67	~~45~~46.67	~~5 110.25~~6.67-96.75
~~Jul~~7	~~26.67~~25	~~1.58 58.42~~2.5-55	~~76.67~~85	~~26.67 141.75~~32.5-157.5	~~153.33~~192.5	~~83.17 238.42~~85-322.5
~~Aug~~8	~~60~~47.5	~~10 122.88~~12.5-97.5	~~125~~112.5	~~37.38 237.88~~44.94-202.56	245	~~119.75 372.62~~117.44-410.12
~~Sep~~9	~~70~~63.33	~~7.38 175.25~~10-146.67	~~135~~200	~~55 278.38~~89.92-343.33	~~210~~280	~~97.38 340~~150-446.67
~~Oct~~10	~~70~~60	~~20 120~~10-123.42	~~170~~140	~~90 240~~70-226.67	~~260~~206.67	~~170 355.25~~113.33-303.33
~~Nov~~11	~~260~~183.33	~~84.75 488.12~~59.92-356.67	~~425~~303.33	~~225 698.12~~143.25-520.08	~~560~~416.67	~~284.50 825.50~~233.33-650
~~Dec~~12	~~180~~220	~~62.38 375.50~~50-456.75	~~285~~300	~~107.38 505~~100-573.5	~~335~~346.67	~~154.50 587.62~~143.33-626.67

Table ~~12.3.4 b:~~ 14. Arklow Bank. Design-based estimates of Auk species abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~15~~30	~~0-50~~0-80.08	~~25~~36.67	~~0-65.25~~0-90	~~35~~43.33	~~10-75~~6.67-100.08
~~Feb~~2	~~15~~27.5	~~0-35~~0-72.5	~~20~~35	~~0-60~~2.5-90.06	~~20~~35	~~0-57.62~~2.5-87.5
~~Mar~~3	0	0-0	0	0-0	0	0-0
~~Apr~~4	0	0-0	0	0-0	~~10~~5	~~0-32.62~~0-15
~~May~~5	~~10~~5	~~0-30~~0-15	~~25~~12.5	~~0-55~~0-30	~~30~~15	~~5-75~~2.5-30
~~Jun~~6	0	0-0	0	0-0	0	0-0
~~Jul~~7	0	0-0	0	0-0	0	0-0
~~Aug~~8	0	0-0	0	0-0	0	0-0
~~Sep~~9	0	0-0	0	0-0	~~5~~3.33	~~0-15~~0-10
~~Oct~~10	~~20~~6.67	~~0-60~~0-20	~~20~~13.33	~~0-60~~0-40	~~50~~23.33	~~10-105.25~~0-60
~~Nov~~11	~~35~~23.33	~~0-102.88~~0-63.33	~~45~~30	~~0-102.62~~0-73.5	~~60~~40	~~10-140.25~~6.67-86.67
~~Dec~~12	0	0-0	0	0-0	0	0-0

Table ~~12.3.4 c:~~ 15. Arklow Bank. Design-based estimates of Auk species abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~960~~670	~~505-1438.38~~333.33-1110	~~1150~~800	~~666.62-1732.62~~453.25-1206.67	~~1165~~813.33	~~710.88-1853.12~~456.67-1243.5
~~Feb~~2	~~370~~242.5	~~137.12-665.25~~87.5-447.5	~~375~~247.5	~~150-718.62~~92.5-442.56	~~405~~265	~~179.75-645.25~~110-477.5
~~Mar~~3	~~5~~17.5	~~0-15~~2.5-45	~~10~~22.5	~~0-30~~2.5-50	~~10~~25	~~0-25~~5-55
~~Apr~~4	~~5~~22.5	~~0-15~~2.5-50.06	~~30~~47.5	~~5-65~~12.5-97.5	~~55~~72.5	~~22.38-100~~27.5-127.5
~~May~~5	~~15~~57.5	~~0-40~~17.5-112.5	~~65~~137.5	~~17.38-135~~67.5-225	~~90~~182.5	~~32.38-165.25~~100-280
~~Jun~~6	~~30~~23.33	~~0-80~~0-66.67	~~40~~36.67	~~0-112.62~~0-93.33	~~45~~46.67	~~5-102.62~~6.67-103.42
~~Jul~~7	~~26.67~~25	~~3.33-60~~2.5-55	~~76.67~~85	~~28.25-131.75~~30-150.06	~~153.33~~192.5	~~78.25-241.92~~90-325
~~Aug~~8	~~60~~47.5	~~15-122.62~~12.5-95.06	~~125~~110	~~42.38-265~~40-200	~~245~~242.5	~~137.38-432.88~~120-405
~~Sep~~9	~~70~~63.33	~~10-167.62~~10-146.67	~~135~~200	~~40-240.25~~93.33-343.42	~~205~~276.67	~~94.75-342.62~~150-433.33
~~Oct~~10	~~50~~53.33	~~14.75-85.25~~6.67-113.33	~~150~~126.67	~~80-210~~60-203.42	~~210~~183.33	~~120-300~~100-273.42
~~Nov~~11	~~225~~160	~~87.38-428.12~~49.92-293.33	~~380~~273.33	~~190-592.88~~130-453.42	~~500~~376.67	~~284.50-780.25~~210-580
~~Dec~~12	~~180~~220	~~50-352.62~~46.67-453.42	~~285~~300	~~94.50-490.50~~96.67-583.33	~~335~~346.67	~~169.75-527.62~~139.83-606.75

Table ~~12.3.5 a:~~ 16. Arklow Bank. Design-based estimates of Black-headed gull abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~550~~560	~~141.62 1089.12~~106.67-1103.5	~~595~~590	~~199.75 1253.62~~149.92-1160.17	~~610~~613.33	~~189 1048.88~~186.58-1196.75
Feb	~~600~~350	~~147.38 1235.12~~72.5-707.62	~~615~~370	~~226.88 1261~~104.81-747.5	~~635~~390	~~135.38 1312.25~~102.44-755.06
Mar	~~0~~36.67	~~0 0~~0-103.33	~~0~~36.67	~~0 0~~0-120	~~0~~36.67	~~0 0~~0-100
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	~~5~~3.33	~~0 15~~0-10	~~25~~16.67	~~5 52.62~~3.33-36.67	~~30~~23.33	~~7.38 72.62~~6.67-46.67
Aug	~~5~~2.5	~~0 15~~0-7.5	~~5~~17.5	~~0 15~~0-45	~~5~~17.5	~~0 15~~0-47.5
Sep	~~0~~3.33	~~0 0~~0-10	~~0~~6.67	~~0 0~~0-16.67	~~0~~10	~~0 0~~0-23.33
Oct	~~65~~66.67	~~10 137.62~~6.67-160	~~65~~66.67	~~15 130.25~~6.67-160.08	~~75~~76.67	~~15 145~~10-176.67
Nov	~~575~~396.67	~~122.12 1327.88~~53.33-916.75	~~700~~496.67	~~197.38 1328~~143.25-1013.42	~~870~~616.67	~~335.38 1623~~233.25-1156.67
Dec	~~460~~403.33	~~54.75 1292~~33.33-1016.75	~~475~~413.33	~~77.38 1310.50~~36.58-1040.17	~~510~~446.67	~~92.38 1208.38~~86.67-1066.75

Table ~~12.3.5 b:~~ 17. Arklow Bank. Design-based estimates of Black-headed gull abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~420~~463.33	~~119.75-888.12~~109.83-963.58	~~465~~493.33	~~129.5-855.75~~130-996.75	~~480~~506.67	~~172.38-1008.62~~139.92-983.67
Feb	~~370~~220	~~70-833.12~~45-497.62	~~385~~240	~~94.75-833.38~~57.5-505.06	~~405~~257.5	~~117.12-840.62~~77.44-525.06
Mar	~~0~~23.33	~~0-0~~0-70	~~0~~23.33	~~0-0~~0-70	~~0~~23.33	~~0-0~~0-70
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	~~5~~3.33	~~0-17.62~~0-13.33	~~25~~16.67	~~2.38-55~~3.33-36.67	~~30~~23.33	~~5-60~~6.67-46.67
Aug	~~5~~2.5	~~0-15~~0-7.5	5	0-15	5	~~0-15~~0-15.06
Sep	~~0~~3.33	~~0-0~~0-10	~~0~~3.33	~~0-0~~0-10	~~0~~6.67	~~0-0~~0-16.67
Oct	~~55~~43.33	~~10-120~~3.33-103.33	~~55~~43.33	~~10-135.25~~3.33-100	~~65~~53.33	~~15-165~~6.67-113.33
Nov	~~180~~130	~~42.12-365.25~~26.67-276.75	~~295~~213.33	~~111.88-532.62~~73.33-393.33	~~335~~246.67	~~147.38-548.88~~103.33-433.33
Dec	~~445~~376.67	~~67.12-1194.12~~30-983.75	~~460~~386.67	~~92.12-1036.25~~43.33-990.33	~~495~~420	~~90-1152.62~~60-973.42

Table ~~12.3.5 c:~~ 18. Arklow Bank. Design-based estimates of Black-headed gull abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~130~~96.67	~~15 302.62~~9.92-206.75	~~130~~96.67	~~12.38 242.62~~10-216.75	~~130~~106.67	~~10 277.62~~13.33-236.67
Feb	~~230~~130	~~49.75 467.62~~22.5-280	~~230~~130	~~52.38 463.62~~22.5-292.56	~~230~~132.5	~~36.88 452.88~~17.5-295.06
Mar	~~0~~13.33	~~0 0~~0-33.42	~~0~~13.33	~~0 0~~0-40	~~0~~13.33	~~0 0~~0-36.67
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	~~0~~12.5	~~0 0~~0-32.5	~~0~~12.5	~~0 0~~0-32.5
Sep	0	0-0	~~0~~3.33	~~0 0~~0-10	~~0~~3.33	~~0 0~~0-10
Oct	~~10~~23.33	~~0 25.25~~0-70	~~10~~23.33	~~0 25.25~~0-70	~~10~~23.33	~~0 30~~0-70
Nov	~~395~~266.67	~~22.38 897.62~~26.67-630.42	~~405~~283.33	~~54.75 854.12~~29.92-666.83	~~535~~370	~~78.75 1189.25~~73.33-753.42
Dec	~~15~~26.67	~~0 45~~0-90	~~15~~26.67	~~0 45~~0-80	~~15~~26.67	~~0 45~~0-80

Table ~~12.3.6 a:~~ 19. Arklow Bank. Design-based estimates of Common gull abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~1740~~1220	~~215-5082.50~~159.92-3050.25	~~2240~~1576.67	~~256.88-4948.62~~189.92-3493.92	~~2300~~1696.67	~~399-5491~~276.58-3980.58
~~Feb~~2	~~2230~~1162.5	~~716.62-5219.50~~252.5-2370.31	~~2230~~1185	~~682.12-4521.88~~282.31-2382.88	~~2245~~1207.5	~~536.75-4497~~327.44-2460.12
~~Mar~~3	~~15~~40	~~0-45~~5-92.5	~~25~~72.5	~~0-70~~19.94-145	~~35~~87.5	~~5-77.62~~32.5-160.06
~~Apr~~4	~~35~~20	~~2.38-75.25~~2.5-50.06	~~35~~27.5	~~0-85~~2.5-67.5	~~35~~30	~~5-72.62~~5-72.5
~~May~~5	0	0-0	~~15~~10	~~0-45~~0-30	~~15~~10	~~0-45~~0-30
~~Jun~~6	~~30~~15	~~0-75.75~~0-45	~~30~~15	~~0-90~~0-45	~~30~~15	~~0-90~~0-45
~~Jul~~7	0	0-0	5	0-15	5	0-15
~~Aug~~8	0	0-0	0	0-0	0	0-0
~~Sep~~9	0	0-0	0	0-0	0	0-0
~~Oct~~10	~~0~~3.33	~~0-0~~0-10	~~0~~13.33	~~0-0~~3.33-26.67	~~0~~26.67	~~0-0~~10-46.67
~~Nov~~11	~~395~~270	~~157.38-702.88~~59.92-540.08	~~580~~463.33	~~272.38-972.62~~176.67-863.42	~~615~~510	~~276.12-1078.62~~209.92-943.42
~~Dec~~12	~~505~~403.33	~~35-1372.62~~39.92-1070	~~545~~433.33	~~67.38-1402~~63.33-1093.42	~~630~~523.33	~~137.38-1457.25~~130-1216.75

Table ~~12.3.6 b:~~ 20. Arklow Bank. Design-based estimates of Common gull abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~630~~463.33	~~94.75 1320.75~~69.92-1043.42	~~1130~~820	~~117.38 3290.50~~83.33-2010.25	~~1190~~880	~~157.12 2690.75~~139.92-2063.42
~~Feb~~2	~~1710~~895	~~482.12 3219~~257.44-1875.06	~~1710~~917.5	~~674.50 3188.62~~274.88-1817.94	~~1720~~935	~~403.50 3048.62~~269.88-1860.25
~~Mar~~3	~~5~~20	~~0 15~~2.5-47.5	~~15~~52.5	~~2.38 30~~15-100	~~25~~62.5	~~10 50~~20-115
~~Apr~~4	~~0~~2.5	~~0 0~~0-7.5	~~0~~10	~~0 0~~0-27.5	~~0~~12.5	~~0 0~~2.5-27.5
~~May~~5	0	0-0	0	0-0	0	0-0
~~Jun~~6	~~30~~15	~~0 90~~0-45	~~30~~15	~~0 105.75~~0-45	~~30~~15	~~0 90~~0-45
~~Jul~~7	0	0-0	5	0-15	5	0-15
~~Aug~~8	0	0-0	0	0-0	0	0-0
~~Sep~~9	0	0-0	0	0-0	0	0-0
~~Oct~~10	0	0-0	~~0~~10	~~0 0~~0-23.33	~~0~~23.33	~~0 0~~6.67-46.67
~~Nov~~11	~~190~~130	~~60 412.62~~40-266.67	~~355~~296.67	~~157.38 590.50~~116.67-560	~~385~~336.67	~~199.75 590.25~~140-626.75
~~Dec~~12	~~470~~350	~~27.38 1307.88~~23.33-953.42	~~505~~376.67	~~52.38 1307.62~~46.67-1003.67	~~590~~463.33	~~102.12 1448.38~~106.67-1090.08

Table ~~12.3.6 c:~~ 21. Arklow Bank. Design-based estimates of Common gull abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~1110~~756.67	~~102.38-3235.25~~56.67-2036.67	~~1110~~756.67	~~125.3612.25~~53.33-2377	~~1110~~816.67	~~85.3609.25~~56.67-2110.08
~~Feb~~2	~~520~~267.5	~~34.25-1294~~17.5-625	~~520~~267.5	~~96.38-1181~~22.5-617.56	~~525~~272.5	~~40-1193.88~~37.38-605
~~Mar~~3	~~10~~20	~~0-30~~0-55	~~10~~20	~~0-30~~0-55	~~10~~25	~~0-30~~0-62.5
~~Apr~~4	~~35~~17.5	~~2.38-97.88~~2.5-40	~~35~~17.5	~~10-82.62~~2.5-42.5	~~35~~17.5	~~5-92.62~~2.5-40
~~May~~5	0	0-0	~~15~~10	~~0-52.88~~0-30	~~15~~10	~~0-52.88~~0-30
~~Jun~~6	0	0-0	0	0-0	0	0-0
~~Jul~~7	0	0-0	0	0-0	0	0-0
~~Aug~~8	0	0-0	0	0-0	0	0-0
~~Sep~~9	0	0-0	0	0-0	0	0-0
~~Oct~~10	~~0~~3.33	~~0-0~~0-10	~~0~~3.33	~~0-0~~0-10	~~0~~3.33	~~0-0~~0-10
~~Nov~~11	~~205~~140	~~20-420.50~~6.67-306.67	~~225~~166.67	~~32.38-445.50~~20-346.67	~~230~~173.33	~~49.75-370~~26.67-363.42
~~Dec~~12	~~35~~53.33	~~0-92.62~~3.33-130	~~40~~56.67	~~0-97.88~~3.33-140	~~40~~60	~~0-110~~3.33-143.33

Table ~~12.3.7 a:~~ 22. Arklow Bank. Design-based estimates of Common scoter abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~10~~6.67	~~0-32.62~~0-23.33	~~10~~6.67	~~0-35~~0-20	~~10~~6.67	~~0-30~~0-20
Feb	~~0~~10	~~0-0~~0-30	~~0~~10	~~0-0~~0-30	~~0~~10	~~0-0~~0-30
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	10	0-30
May	0	0-0	0	0-0	0	0-0
Jun	10	0-30	10	0-30	10	0-30
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	~~10~~13.33	~~0-25~~0-36.67
Nov	0	0-0	0	0-0	0	0-0
Dec	~~20~~13.33	~~0-55.25~~0-36.67	~~20~~13.33	~~0-42.62~~0-36.67	~~20~~13.33	~~0-50~~0-40

Table ~~12.3.7 b:~~ 23. Arklow Bank. Design-based estimates of Common scoter abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	~~5~~10	~~0-15~~0-30
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.7 c:~~ 24. Arklow Bank. Design-based estimates of Common scoter abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~10~~6.67	~~0-35~~0-20	~~10~~6.67	~~0-30~~0-20	~~10~~6.67	~~0-32.62~~0-20
Feb	~~0~~10	~~0-0~~0-30	~~0~~10	~~0-0~~0-30	~~0~~10	~~0-0~~0-30
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	10	0-30
May	0	0-0	0	0-0	0	0-0
Jun	10	0-30	10	0-30	10	~~0-35.25~~0-30
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	~~5~~3.33	~~0-15~~0-10
Nov	0	0-0	0	0-0	0	0-0
Dec	~~20~~13.33	~~0-62.62~~0-36.67	~~20~~13.33	~~0-57.62~~0-36.75	~~20~~13.33	~~0-45~~0-36.67

Table ~~12.3.8 a:~~ 25. Arklow Bank. Design-based estimates of Common tern abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	~~65~~47.5	~~25 120.25~~10-95	~~100~~80	~~47.38 165.25~~30-145	~~140~~102.5	~~69.75 237.62~~42.5-177.5
May	~~0~~73.33	~~0 0~~0-200	~~0~~73.33	~~0 0~~0-210.08	~~5~~76.67	~~0 17.62~~0-213.33
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	20	0-60
Aug	~~870~~300	~~404.75 1330.50~~140-513.33	~~950~~343.33	~~518 1455.25~~163.33-573.33	~~1130~~403.33	~~674.25 1745.75~~223.33-650.25
Sep	~~110~~55	~~24.75 200~~15-100	~~530~~265	~~214.75 990~~90-500	~~850~~430	~~214.75 1721.50~~114.88-905
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.8 b:~~ 26. Arklow Bank. Design-based estimates of Common tern abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	~~65~~47.5	~~30 120.25~~12.5-97.5	~~90~~75	~~45 155~~27.5-142.5	~~130~~97.5	~~70 207.88~~40-172.5
May	~~0~~73.33	~~0 0~~0-210	~~0~~73.33	~~0 0~~0-210.08	~~5~~76.67	~~0 15~~0-196.75
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	20	~~0 80~~0-60
Aug	~~760~~263.33	~~294.25 1311~~116.67-466.75	~~840~~306.67	~~414.75 1376.25~~130-536.83	~~1020~~366.67	~~569.50 1690.50~~193.25-576.75
Sep	~~110~~55	~~29.5 190~~15-100	~~530~~265	~~170 1016.25~~90-490.12	~~850~~430	~~139.50 1690~~110-890
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.8 c:~~ 27. Arklow Bank. Design-based estimates of Common tern abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	~~10~~5	~~0-30~~0-15.12	~~10~~5	~~0-30~~0-15
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	~~110~~36.67	~~10-285.25~~3.33-83.33	~~110~~36.67	~~10-235.25~~3.33-80.08	~~110~~36.67	~~10-250.50~~3.33-90
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.9 a:~~ 28. Arklow Bank. Design-based estimates of Cormorant abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~5~~3.33	~~0-15~~0-10	~~5~~3.33	~~0-15~~0-10.08	~~5~~6.67	~~0-15~~0-20
Feb	0	0-0	~~5~~2.5	~~0-15~~0-7.5	5	0-15
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	~~10~~5	~~0-30~~0-15
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	~~5~~6.67	~~0-15~~0-20	~~5~~6.67	~~0-17.62~~0-20	~~5~~6.67	~~0-15~~0-20
Oct	10	0-30	10	~~0-40~~0-30	10	0-30
Nov	~~0~~5	~~0-0~~0-15	~~0~~5	~~0-0~~0-15	~~0~~5	~~0-0~~0-15
Dec	~~0~~5	~~0-0~~0-15	~~0~~5	~~0-0~~0-15	~~0~~5	~~0-0~~0-15

Table ~~12.3.9 b:~~ 29. Arklow Bank. Design-based estimates of Cormorant abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	~~0~~3.33	~~0-0~~0-10
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	~~0~~3.33	~~0-0~~0-10	~~0~~3.33	~~0-0~~0-10	~~0~~3.33	~~0-0~~0-10
Oct	10	0-30	10	0-30	10	0-30
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.9 c:~~ 30. Arklow Bank. Design-based estimates of Cormorant abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~5~~3.33	~~0-15~~0-10	~~5~~3.33	~~0-15~~0-10	~~5~~3.33	~~0-15~~0-10
Feb	0	0-0	~~5~~2.5	~~0-15~~0-7.5	5	0-15
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	~~10~~5	~~0-30~~0-15
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	~~5~~3.33	~~0-15~~0-10	~~5~~3.33	~~0-15~~0-10	~~5~~3.33	~~0-15~~0-10
Oct	0	0-0	0	0-0	0	0-0
Nov	~~0~~5	~~0-0~~0-15	~~0~~5	~~0-0~~0-15	~~0~~5	~~0-0~~0-15
Dec	~~0~~5	~~0-0~~0-15	~~0~~5	~~0-0~~0-15	~~0~~5	~~0-0~~0-15

Table ~~12.3.10 a:~~ 31. Arklow Bank. Design-based estimates of Cormorant / shag abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	10	0-30	10	0-30	10	~~0-30~~0-30.25
Apr	0	0-0	0	0-0	~~10~~5	~~0-30~~0-15
May	10	~~0-40~~0-30	10	~~0-35.25~~0-30	10	~~0-40~~0-30
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	10	0-30	10	~~0-40~~0-30	10	0-30

Table ~~12.3.10 b:~~ 32. Arklow Bank. Design-based estimates of Cormorant / shag abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.10 c:~~ 33. Arklow Bank. Design-based estimates of Cormorant / shag abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	10	0-30	10	0-30	10	~~0-35.25~~0-30
Apr	0	0-0	0	0-0	~~10~~5	~~0-30~~0-15
May	10	~~0-25.25~~0-30	10	~~0-25.25~~0-30	10	~~0-40~~0-30
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	10	0-30	10	0-30	10	0-30

Table ~~12.3.11 a:~~ 34. Arklow Bank. Design-based estimates of Diver species abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	20	0-60	20	0-60	30	~~0-90~~0-80
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.11 b:~~ 35. Arklow Bank. Design-based estimates of Diver species abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.11 c:~~ 36. Arklow Bank. Design-based estimates of Diver species abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	20	0-60	20	0-60	30	~~0-85.25~~0-80
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.12 a:~~ 37. Arklow Bank. Design-based estimates of ~~Fulmar~~European storm petrel abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	~~20~~0	~~0-60~~0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	~~5~~0	~~0-15~~0-0	~~10~~0	~~0-30~~0-0	~~15~~0	~~0-37.62~~0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	~~5~~0	~~0-15~~0-0
Jul	0	0-0	~~10~~0	~~0-22.62~~0-0	~~10~~0	~~0-25~~0-0
~~Aug~~	~~0~~	~~0-0~~	~~20~~	~~0-50~~	~~20~~	~~0-45.25~~
~~Sep~~Aug	10	0-30	10	0-30	10	0-30
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.12 b:~~ 38. Arklow Bank. Design-based estimates of ~~Fulmar~~European storm petrel abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	~~5~~0	~~0-15~~0-0	~~10~~0	~~0-32.62~~0-0	~~15~~0	~~0-37.62~~0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	~~5~~0	~~0-15~~0-0	~~5~~0	~~0-15~~0-0
~~Aug~~	~~0~~	~~0-0~~	~~10~~	~~0-35.25~~	~~10~~	~~0-40~~
~~Sep~~Aug	10	0-30	10	0-30	10	0-30
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.12 c:~~ 39. Arklow Bank. Design-based estimates of ~~Fulmar~~European storm petrel abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	~~2~~0	~~0-70.5~~0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	~~5~~0	~~0-15~~0-0
Jul	0	0-0	~~5~~0	~~0-15~~0-0	~~5~~0	~~0-15~~0-0
Aug	0	0-0	~~10~~0	~~0-30~~0-0	~~10~~0	~~0-30~~0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.13 a:~~ 40. Arklow Bank. Design-based estimates of ~~Gannet~~Fulmar abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~	~~5~~	~~0-15~~	~~10~~	~~0-22.62~~	~~15~~	~~0-42.62~~
~~Feb~~Jan	0	0-0	0	0-0	~~0~~20	~~0-0~~0-60
~~Mar~~Feb	~~10~~0	~~0-30~~0-0	10	0-30	~~30~~10	~~0-70~~0-30
~~Apr~~Mar	0	0-0	~~90~~0	~~0-250.50~~0-0	~~90~~0	~~0-296.75~~0-0
Apr	3.33	0-10	6.67	0-20	10	0-26.67
May	0	0-0	5	~~0-10~~0-15	~~10~~5	~~0-27.62~~0-15
Jun	~~20~~0	~~0-52.62~~0-0	~~25~~0	~~0-60~~0-0	~~35~~3.33	~~5-77.62~~0-10
Jul	~~10~~0	~~0-28.42~~0-0	~~16.67~~6.67	~~0-48.42~~0-16.67	~~23.33~~6.67	~~0-58.42~~0-16.67
Aug	~~30~~0	~~5-62.62~~0-0	~~45~~20	~~15-87.62~~0-50	~~60~~20	~~17.38-110.50~~0-50
Sep	~~10~~5	~~0-25~~0-15	~~30~~5	~~7.38-55~~0-15	~~50~~10	~~5-110~~0-30
Oct	~~35~~0	~~0-87.62~~0-0	~~40~~0	~~0-97.62~~0-0	~~65~~0	~~15-117.62~~0-0
Nov	~~20~~0	~~0-50~~0-0	~~20~~0	~~0-50~~0-0	~~20~~0	~~0-45.25~~0-0
Dec	~~20~~0	~~0-50~~0-0	~~30~~0	~~0-62.62~~0-0	~~40~~0	~~7.38-87.88~~0-0

Table ~~12.3.13 b:~~ 41. Arklow Bank. Design-based estimates of ~~Gannet~~Fulmar abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~	~~5~~	~~0-15~~	~~10~~	~~0-25~~	~~15~~	~~0-42.62~~
~~Feb~~Jan	0	0-0	0	0-0	0	0-0
~~Mar~~Feb	~~10~~0	~~0-30~~0-0	10	~~0-35.25~~0-30	~~30~~10	~~0-75.25~~0-30
~~Apr~~Mar	0	0-0	~~90~~0	~~0-286.75~~0-0	~~90~~0	~~0-255.25~~0-0
Apr	3.33	0-13.33	6.67	0-20.08	10	0-30
May	0	0-0	5	0-15	~~10~~5	~~0-25~~0-15
Jun	~~15~~0	~~0-47.62~~0-0	~~20~~0	~~0-60.25~~0-0	~~30~~0	~~5-75~~0-0
Jul	~~10~~0	~~0-25.08~~0-0	~~16.67~~3.33	~~0-40~~0-10	~~23.33~~3.33	~~0-53.5~~0-10
Aug	~~15~~0	~~0-37.62~~0-0	~~25~~10	~~5-50~~0-30	~~30~~10	~~10-55~~0-30
Sep	5	~~0-17.62~~0-15	~~20~~5	~~2.38-47.62~~0-15	~~40~~10	~~5-102.62~~0-30
Oct	~~25~~0	~~0-60~~0-0	~~25~~0	~~5-52.62~~0-0	~~40~~0	~~5-80~~0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	~~10~~0	~~0-30~~0-0	~~20~~0	~~0-50~~0-0	~~20~~0	~~0-55~~0-0

Table ~~12.3.13 c:~~ 42. Arklow Bank. Design-based estimates of ~~Gannet~~Fulmar abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	~~0~~20	~~0 0~~0-60
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	~~5~~0	~~0 17.62~~0-0	~~5~~0	~~0 15~~0-0	~~5~~3.33	~~0 15~~0-10
Jul	0	0-0	3.33	0-10	3.33	0-10
Aug	0	0-0	10	0-30	10	0-30
~~Jul~~Sep	0	0-0	0	0-0	0	0-0
~~Aug~~Oct	~~15~~0	~~0 30~~0-0	~~20~~0	~~5 42.62~~0-0	~~30~~0	~~15 55~~0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table 43. Arklow Bank. Design-based estimates of Gannet abundance in flight and on the sea in the entire consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	Abundance	95% c.i.	Abundance	95% c.i.	Abundance	95% c.i.
~~Sep~~1	5	0-15	10	~~0-27.62~~0-25	~~10~~15	~~0-20~~0-40
2	10	0-30	20	0-50	50	15-90
3	13.33	0-36.67	16.67	0-46.67	26.67	0-66.67
4	10	0-30	40	0-116.67	40	0-116.67
5	7.5	0-20	25	7.5-50.06	40	10-82.5
~~Oct~~6	~~10~~12.5	~~0-32.62~~0-35	15	0-40	~~25~~37.5	~~2.38-62.62~~2.5-92.5
7	10	0-27.5	17.5	0-45	32.5	2.5-75.06
8	45	2.5-120	72.5	15-157.5	95	27.5-190.06
9	6.67	0-16.67	20	3.33-40	33.33	6.67-73.33
10	36.67	3.33-83.33	43.33	3.33-93.5	63.33	16.58-120
~~Nov~~11	20	0-50	~~20~~25	~~0-50~~0-60	~~20~~25	~~0-45.25~~0-55
~~Dec~~12	~~10~~20	~~0-27.62~~0-50	~~10~~30	~~0-35~~0-75	~~20~~40	~~5-47.62~~5-85

Table ~~12.3.14 a:~~ 44. Arklow Bank. Design-based estimates of ~~Great black-backed gull~~Gannet abundance~~,~~ in flight ~~and on the sea~~only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
1	5	0-15	10	0-25	15	0-40
~~Jan~~2	~~20~~10	~~0-50~~0-30	~~20~~15	~~0-45.25~~0-40	20	0-50
~~Feb~~3	~~0~~13.33	~~0-0~~0-36.67	~~0~~16.67	~~0-0~~0-46.67	~~0~~26.67	~~0-0~~0-63.33
4	10	0-30	40	0-116.67	40	0-116.67
5	7.5	0-20	20	2.5-45	35	5-80
6	7.5	0-22.5	10	0-27.5	32.5	2.5-80
7	10	0-27.5	17.5	0-47.5	30	0-75
8	35	0-105	52.5	5-127.62	70	14.94-150
9	3.33	0-10.08	13.33	0-30	26.67	3.33-66.67
10	30	0-66.67	33.33	3.33-70	46.67	10-90
~~Mar~~11	~~0~~5	~~0-0~~0-15	~~5~~10	~~0-17.62~~0-25	~~5~~10	~~0-15~~0-25
12	10	0-30	20	0-55	20	0-55

Table 45. Arklow Bank. Design-based estimates of Gannet abundance on the sea only in the entire consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	Abundance	95% c.i.	Abundance	95% c.i.	Abundance	95% c.i.
Apr1	0	0-0	0	0-0	0	0-0
May2	0	0-0	5	0-0-15	30	0-0-10-55
Jun3	0	0-0	0	0-0	0	0-0
Jul4	0	0-0	0	0-0	50	0-15-0-0
Aug5	0	0-0	2.5	0-0-7.5	2.5	0-0-7.5
Sep6	5	0-15	5	0-15	5	0-15
Oct7	0	0-0	0	0-0	52.5	0-15-0-7.5
8	10	0-25	20	2.5-45	25	5-52.5
9	3.33	0-10	6.67	0-16.67	6.67	0-16.67
10	6.67	0-20	10	0-26.67	16.67	0-40
Nov11	15	0-45-0-40	15	0-45-0-40	15	0-45-0-40
Dec12	510	0-15-0-30	10	0-35.25-0-30	1020	0-30-0-50

Table ~~12.3.14 b:~~ 46. Arklow Bank. Design-based estimates of Great black-backed gull abundance~~,~~ in flight ~~only~~and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	10	~~0-30~~0-25	10	~~0-30~~0-25	10	~~0-35.25~~0-25
2	0	0-0	3.33	0-10	6.67	0-16.67
3	0	0-0	2.5	0-7.5	5	0-15
~~Feb~~4	0	0-0	0	0-0	0	0-0
~~Mar~~5	0	0-0	~~5~~0	~~0-15~~0-0	~~5~~10	~~0-15~~0-30
~~Apr~~6	0	0-0	0	0-0	0	0-0
7	0	0-0	0	0-0	3.33	0-10
8	0	0-0	0	0-0	0	0-0
9	3.33	0-10.08	6.67	0-20	6.67	0-20
10	0	0-0	0	0-0	3.33	0-10
11	10	0-30	10	0-30	23.33	0-70
12	3.33	0-10	6.67	0-20	6.67	0-20

Table 47. Arklow Bank. Design-based estimates of Great black-backed gull abundance in flight only in the entire consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	Abundance	95% c.i.	Abundance	95% c.i.	Abundance	95% c.i.
1	5	0-15	5	0-15	5	0-15
2	0	0-0	3.33	0-10	3.33	0-10
3	0	0-0	2.5	0-7.5	5	0-15
~~May~~4	0	0-0	0	0-0	0	0-0
5	0	0-0	0	0-0	10	0-30
~~Jun~~6	0	0-0	0	0-0	0	0-0
~~Jul~~7	0	0-0	0	0-0	~~5~~3.33	~~0-15~~0-10
~~Aug~~8	0	0-0	0	0-0	0	0-0
~~Sep~~9	0	0-0	0	0-0	0	0-0
~~Oct~~10	0	0-0	0	0-0	~~5~~3.33	~~0-15~~0-10
~~Nov~~11	0	0-0	0	0-0	0	0-0
~~Dec~~12	0	0-0	0	0-0	0	0-0

Table ~~12.3.14 c:~~ 48. Arklow Bank. Design-based estimates of Great black-backed gull abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~10~~5	~~0 30~~0-15	~~10~~5	~~0 40~~0-15	~~10~~5	~~0 30~~0-15
~~Feb~~2	0	0-0	0	0-0	~~0~~3.33	~~0 0~~0-13.33
~~Mar~~3	0	0-0	0	0-0	0	0-0
~~Apr~~4	0	0-0	0	0-0	0	0-0
~~May~~5	0	0-0	0	0-0	0	0-0
~~Jun~~6	0	0-0	0	0-0	0	0-0
~~Jul~~7	0	0-0	0	0-0	0	0-0
~~Aug~~8	0	0-0	0	0-0	0	0-0
~~Sep~~9	~~5~~3.33	~~0 15~~0-10	~~5~~6.67	~~0 15~~0-23.33	~~5~~6.67	~~0 15~~0-20
~~Oct~~10	0	0-0	0	0-0	0	0-0
~~Nov~~	~~15~~	~~0-45~~	~~15~~	~~0-45~~	~~15~~	~~0-45~~
~~Dec~~11	~~5~~10	~~0 15~~0-30	10	0-30	~~10~~23.33	~~0 32.62~~0-80
12	3.33	0-10	6.67	0-20	6.67	0-20

Table ~~12.3.15 a:~~ 49. Arklow Bank. Design-based estimates of Great northern diver abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	10	0-30	10	0-30	20	~~0-45.25~~0-50
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	~~0~~5	~~0-0~~0-15	~~0~~5	~~0-0~~0-15
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	10	0-30	10	0-30	10	0-30

Table ~~12.3.15 b:~~ 50. Arklow Bank. Design-based estimates of Great northern diver abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.15 c:~~ 51. Arklow Bank. Design-based estimates of Great northern diver abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	10	0-30	10	0-30	20	~~0-40~~0-50
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	~~0~~5	~~0-0~~0-15	~~0~~5	~~0-0~~0-15
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	10	0-30	10	~~0-40~~0-30	10	0-30

Table ~~12.3.16 a:~~ 52. Arklow Bank. Design-based estimates of Guillemot abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~4197.37~~3298.25	~~2801.81-6369.9~~1828.73-5149.23	~~5078.94~~3991.23	~~3532.07-6923.03~~2455.92-5710.86	~~5269.74~~4210.53	~~3581.08-7698.84~~2749.56-6026.43
~~Feb~~2	~~1578.94~~1026.32	~~686.34-2805.26~~397.94-1967.19	~~1907.89~~1286.18	~~848.36-3103.78~~565.7-2194.08	~~2078.95~~1401.32	~~1170.07-3266.45~~684.04-2368.58
~~Mar~~3	~~13.16~~32.9	~~0-32.90~~3.29-75.66	~~46.06~~88.82	~~13.16-92.11~~26.32-174.43	~~72.37~~151.32	~~26.32-125~~55.92-276.32
~~Apr~~4	~~118.43~~273.03	~~39.48-207.40~~115.05-457.4	~~296.06~~447.37	~~187.33-434.21~~250-684.29	~~572.37~~740.13	~~368.09-822.69~~493.42-1029.69
~~May~~5	~~736.84~~4230.26	~~417.6-1112.83~~973.6-9212.01	~~3032.90~~9009.87	~~2215.46-4007.56~~4900.58-14674.75	~~6342.10~~12953.95	~~4639.31-8831.58~~8407.24-19523.69
~~Jun~~6	~~52.63~~134.87	~~3.12-128.46~~46.05-243.42	~~151.32~~421.05	~~65.79-263.49~~256.58-615.13	~~309.21~~799.34	~~166.94-471.22~~562.5-1062.58
~~Jul~~7	~~548.25~~848.68	~~326.43-829.39~~519.66-1240.38	~~2008.77~~2769.74	~~1400.55-2568.97~~2065.79-3566.03	~~4192.98~~6092.11	~~3365.68-5383.77~~4946.96-7319.24
~~Aug~~8	~~2085.52~~1266.45	~~1361.18-2962.83~~746.54-1914.64	~~4953.95~~3555.92	~~3614.48-6418.26~~2552.55-4711.02	~~7736.84~~5976.97	~~6203.45-9397.04~~4693.75-7496.88
~~Sep~~9	~~927.64~~745.62	~~532.57-1460.03~~390.24-1162.39	~~2638.16~~2342.1	~~2038.82-3276.32~~1727.74-3079.06	~~4914.48~~4232.46	~~4026.32-6048.69~~3425.11-5158.22
~~Oct~~10	~~1092.11~~1144.74	~~595.23-1728.78~~635.86-1820.28	~~2144.74~~2232.46	~~1256.74-3121.05~~1526.21-3079.28	~~3348.68~~3495.61	~~2402.47-4574.34~~2684.1-4570.73
~~Nov~~11	~~1875~~1346.49	~~857.4-3331.91~~635.74-2316.01	~~4763.16~~3456.14	~~3317.59-6696.06~~2162.17-5062.06	~~6203.95~~4793.86	~~4344.41-8497.53~~3385.97-6399.45

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Dec~~12	~~605.26~~1206.14	~~229.94 - 1092.43~~451.75-2184.43	~~980.26~~1600.88	~~512.18 - 1630.10~~806.69-2671.16	~~1203.94~~2131.58	~~762.83 - 1728.45~~1319.96-3127.3

Table ~~12.3.16 b:~~ 53. Arklow Bank. Design-based estimates of Guillemot abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~296.06~~236.84	~~98.68 532.90~~61.4-491.34	~~618.42~~473.68	~~291.94 1023,85~~223.69-780.92	~~671.06~~543.86	~~393.42 1066.44~~276.21-842.1
~~Feb~~2	~~13.16~~16.45	~~0 32.90~~0-42.76	~~39.48~~46.06	~~13.16 82.40~~6.58-101.97	59.21	~~16.28 105.26~~16.45-115.13
~~Mar~~3	0	0-0	~~0~~19.74	~~0 0~~0-59.21	~~0~~42.76	~~0 0~~0-121.71
~~Apr~~4	~~19.74~~36.19	~~0 46.06~~0-108.55	~~26.31~~46.05	~~0 65,79~~3.29-118.42	~~59.21~~105.26	~~22.86 121.88~~26.32-207.24
~~May~~5	~~65.79~~49.34	~~19.74 141.94~~13.16-105.26	~~125~~121.71	~~59.21 203.94~~49.26-220.48	~~269.74~~220.4	~~125 378.78~~108.55-368.5
~~Jun~~6	~~0~~6.58	~~0 0~~0-19.74	~~6.58~~19.74	~~0 19.74~~0-49.34	~~26.31~~59.21	~~0 65.79~~13.16-121.71
~~Jul~~7	~~26.32~~32.9	~~0 63,70~~0-88.82	~~30.70~~42.76	~~4.39 65.79~~6.58-101.97	~~57.02~~72.37	~~15.24 111.95~~16.45-141.44
~~Aug~~8	0	0-0	0	0-0	0	0-0
~~Sep~~9	0	0-0	0	0-0	0	0-0
~~Oct~~10	~~0~~17.54	~~0 0~~0-35.09	~~26.32~~74.56	~~0 65,79~~13.16-166.67	~~26.32~~78.95	~~0 62.67~~17.54-171.27
~~Nov~~11	~~217.10~~149.12	~~78.62 470.89~~39.47-302.63	~~250~~175.44	~~92.11 470.89~~61.4-333.33	~~289.47~~210.52	~~121.22 497.53~~92.11-381.58
~~Dec~~12	~~26.31~~43.86	~~0 59.21~~8.66-100.88	~~46.06~~70.18	~~13.16 88.98~~21.93-131.58	~~72.37~~149.12	~~32.90 141.61~~65.79-254.38

Table ~~12.3.16 c:~~ 54. Arklow Bank. Design-based estimates of Guillemot abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~3901.32~~3061.4	~~2241.45-6012.17~~1670.94-4737.06	~~4460.52~~3517.54	~~2995.4-6453.12~~2069.96-5149.23	~~4598.69~~3666.67	~~2493.09-6303.29~~2271.71-5456.91
~~Feb~~2	~~1565.79~~1009.87	~~610.52-3395.72~~384.79-1921.13	~~1868.42~~1240.13	~~828.29-3143.92~~565.79-2279.77	~~2019.74~~1342.11	~~1109.21-3395.89~~631.41-2345.56
~~Mar~~3	~~13.16~~32.9	~~0-32.90~~3.29-72.37	~~46.06~~69.08	~~16.28-88.98~~23.03-131.58	~~72.37~~108.55	~~22.86-138.16~~42.76-181
~~Apr~~4	~~98.68~~236.84	~~32.89-187.67~~92.11-421.13	~~269.74~~401.32	~~147.86-385.03~~217.02-628.29	~~513.16~~634.87	~~318.59-733.72~~397.86-891.53
~~May~~5	~~671.05~~4180.92	~~407.24-1024.84~~979.77-8824.26	~~2907.90~~8888.16	~~2158.39-3958.06~~4825.24-14586.27	~~6072.37~~12733.55	~~4566.94-7780.26~~8253.21-19076.32
~~Jun~~6	~~52.63~~128.29	~~6.58-115.30~~46.06-236.84	~~144.74~~401.32	~~45.73-270.40~~236.76-588.9	~~282.90~~740.13	~~141.28-431.09~~509.87-1000.08
~~Jul~~7	~~521.93~~815.79	~~315.57-846.71~~489.97-1197.53	~~1978.07~~2726.98	~~1417.65-2624.12~~2016.29-3516.7	~~4135.96~~6019.74	~~3118.53-5130.59~~4927.22-7217.68
~~Aug~~8	~~2085.52~~1266.45	~~1242.77-2959.04~~730.18-1921.05	~~4953.95~~3555.92	~~3675.99-6505.92~~2582.24-4731	~~7736.84~~5976.97	~~6456.08-9454.94~~4703.62-7477.38
~~Sep~~9	~~927.64~~745.62	~~565.14-1352.80~~416.45-1171.27	~~2638.16~~2342.1	~~1890.62-3566.78~~1697.26-3022.04	~~4914.48~~4232.46	~~3882.73-5861.02~~3385.86-5149.24
~~Oct~~10	~~1092.11~~1127.19	~~625-1790.46~~600.88-1829.17	~~2118.42~~2157.89	~~1363.98-2863.16~~1482.35-3070.29	~~3322.37~~3416.67	~~2512.18-4431.58~~2591.89-4451.75
~~Nov~~11	~~1657.89~~1197.37	~~775.66-2885.36~~543.75-2075.11	~~4513.16~~3280.7	~~2872.37-6418.09~~2043.75-4750.44	~~5914.48~~4583.33	~~3965.46-7762.01~~3245.18-6162.5

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Dec~~12	~~578.95~~1162.28	~~223.02-1062.99~~429.61-2100.88	~~934.21~~1530.7	~~499.02-1491.61~~767.44-2517.76	~~1131.58~~1982.46	~~610.86-1671.71~~1184.21-2951.87

Table ~~12.3.17 a:~~ 55. Arklow Bank. Design-based estimates of Herring gull abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~0~~3.33	~~0-0~~0-10	~~0~~3.33	~~0-0~~0-10	~~5~~10	~~0-15~~0-26.67
~~Feb~~2	~~10~~5	~~0-35~~0-17.5	10	0-30	~~10~~12.5	~~0-32.62~~0-35
~~Mar~~3	~~0~~2.5	~~0-0~~0-7.5	~~5~~10	~~0-15~~0-22.56	~~5~~22.5	~~0-15~~2.5-52.5
~~Apr~~4	~~0~~5	~~0-0~~0-12.5	~~0~~7.5	~~0-0~~0-20	~~0~~7.5	~~0-0~~0-20
~~May~~5	0	0-0	~~0~~7.5	~~0-0~~0-20	~~0~~10	~~0-0~~0-22.5
~~Jun~~6	0	0-0	5	~~0-17.62~~0-15	~~15~~10	~~0-30~~0-27.5
~~Jul~~7	0	0-0	~~6.67~~5	~~0-16.67~~0-12.5	10	~~0-26.67~~0-25
~~Aug~~8	~~0~~7.5	~~0-0~~0-20	~~0~~7.5	~~0-0~~0-20	~~0~~12.5	~~0-0~~0-32.5
~~Sep~~9	0	0-0	0	0-0	~~0~~6.67	~~0-0~~0-20
~~Oct~~10	0	0-0	0	0-0	~~0~~3.33	~~0-0~~0-10
~~Nov~~11	~~15~~10	~~0-40~~0-26.67	~~20~~23.33	~~2.38-50~~0-56.75	~~30~~36.67	~~5-70~~0-90.08
~~Dec~~12	0	0-0	0	0-0	~~0~~3.33	~~0-0~~0-10

Table ~~12.3.17 b:~~ 56. Arklow Bank. Design-based estimates of Herring gull abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	0	0-0	0	0-0	~~5~~6.67	~~0-15~~0-20
~~Feb~~2	~~5~~2.5	~~0-17.62~~0-7.5	~~5~~7.5	~~0-15~~0-20	~~5~~10	~~0-17.62~~0-27.5
~~Mar~~3	~~0~~2.5	~~0-0~~0-7.5	~~5~~10	~~0-15~~0-25	~~5~~12.5	~~0-15~~2.5-27.5
~~Apr~~4	~~0~~5	~~0-0~~0-12.5	~~0~~7.5	~~0-0~~0-20	~~0~~7.5	~~0-0~~0-20
~~May~~5	0	0-0	0	0-0	~~0~~2.5	~~0-0~~0-7.5
~~Jun~~6	0	0-0	~~5~~2.5	~~0-15~~0-7.56	~~5~~2.5	~~0-15~~0-7.5
~~Jul~~7	0	0-0	~~6.67~~5	~~0-16.67~~0-12.5	10	~~0-26.67~~0-25
~~Aug~~8	~~0~~7.5	~~0-0~~0-20	~~0~~7.5	~~0-0~~0-20	~~0~~12.5	~~0-0~~0-32.5
~~Sep~~9	0	0-0	0	0-0	~~0~~6.67	~~0-0~~0-20
~~Oct~~10	0	0-0	0	0-0	~~0~~3.33	~~0-0~~0-10
~~Nov~~11	~~5~~3.33	~~0-15~~0-10	~~5~~10	~~0-12.62~~0-30	~~15~~23.33	~~0-42.62~~0-66.67
~~Dec~~12	0	0-0	0	0-0	~~0~~3.33	~~0-0~~0-10

Table ~~12.3.17 c:~~ 57. Arklow Bank. Design-based estimates of Herring gull abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~0~~3.33	~~0-0~~0-10	~~0~~3.33	~~0-0~~0-10	~~0~~3.33	~~0-0~~0-10
~~Feb~~2	~~5~~2.5	~~0-12.62~~0-7.5	~~5~~2.5	~~0-17.62~~0-7.5	~~5~~2.5	~~0-15~~0-7.5
~~Mar~~3	0	0-0	0	0-0	~~0~~10	~~0-0~~0-30
~~Apr~~4	0	0-0	0	0-0	0	0-0
~~May~~5	0	0-0	~~0~~7.5	~~0-0~~0-20	~~0~~7.5	~~0-0~~0-20
~~Jun~~6	0	0-0	~~0~~2.5	~~0-0~~0-7.5	~~10~~7.5	~~0-30~~0-22.5
~~Jul~~7	0	0-0	0	0-0	0	0-0
~~Aug~~8	0	0-0	0	0-0	0	0-0
~~Sep~~9	0	0-0	0	0-0	0	0-0
~~Oct~~10	0	0-0	0	0-0	0	0-0
~~Nov~~11	~~10~~6.67	~~0-25.25~~0-20	~~15~~13.33	~~0-35~~0-36.67	~~15~~13.33	~~0-40~~0-36.67
~~Dec~~12	0	0-0	0	0-0	0	0-0

Table ~~12.3.18 a:~~ 58. Arklow Bank. Design-based estimates of Kittiwake abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~5320~~3790	~~2122 10659.12~~1289.17-6940.5	~~5435~~3883.33	~~1938 9330.62~~1289.17-6946.92	~~5480~~3970	~~1967.38 9526.38~~1466.33-7253.33
~~Feb~~2	~~7390~~4002.5	~~2895.50 12815.62~~1524.31-6885.88	~~7430~~4075	~~1887.25 12875.88~~1661.94-6968.69	~~7460~~4127.5	~~2989.25 11564.12~~1712.06-7052.5
~~Mar~~3	~~185~~3540	~~50 355.50~~839.5-7565.19	~~360~~3682.5	~~179.50 582.62~~969.44-7761.75	~~535~~3827.5	~~279.5 783.12~~1104.62-7815.62
~~Apr~~4	~~1880~~3077.5	~~755.38 3042.88~~1487.31-5222.81	~~2105~~3732.5	~~1201.38 3376.75~~1972.31-5938.06	~~2275~~4000	~~1176.38 3603.25~~2234.5-6183.12
~~May~~5	~~735~~477.5	~~229.25 1383.38~~165-940.25	~~1185~~805	~~672.38 1912~~407.5-1330.12	~~1495~~1025	~~934 2178.62~~617.5-1545.12
~~Jun~~6	~~60~~337.5	~~20 117.62~~134.94-607.5	~~65~~412.5	~~20 130.75~~202.44-705	~~135~~510	~~67.38 222.62~~250-852.56
~~Jul~~7	~~150~~130	~~54.92 271.92~~40-245	~~386.67~~352.5	~~176.33 712.42~~157.5-605.12	~~503.33~~487.5	~~248.25 879.08~~245-830.06
~~Aug~~8	~~710~~372.5	~~114.50 1668.12~~67.44-805.31	~~785~~420	~~203.75 1338.62~~117.44-850.06	~~920~~515	~~331.62 1595.25~~177.5-970.31
~~Sep~~9	~~65~~53.33	~~15 140~~3.33-113.33	~~120~~106.67	~~50 205.25~~40-190	~~145~~173.33	~~70 240.25~~79.92-286.75
~~Oct~~10	~~980~~1023.33	~~57.38 2735.5~~153.25-2520.17	~~1060~~1246.67	~~102.12 2858.88~~280-2840.42	~~1095~~1283.33	~~146.88 2890.50~~286.58-2880.17
~~Nov~~11	~~3240~~2166.67	~~455.75 6864.62~~316.67-4714.67	~~3595~~2483.33	~~1090.12 7183.38~~529.92-5423.83	~~3790~~2636.67	~~1554.88 7231.75~~703.17-5320.33
~~Dec~~12	~~1530~~1860	~~353 3495.75~~599.42-3636.67	~~3240~~3020	~~517.38 7276.12~~819.83-6370.67	~~3295~~3083.33	~~418.5 8093.75~~839.58-6334.08

Table ~~12.3.18 b:~~ 59. Arklow Bank. Design-based estimates of Kittiwake abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~970~~803.33	~~394.5 1559.25~~313.25-1450.25	~~1075~~883.33	~~486.88 1927.62~~363.25-1520.17	~~1120~~950	~~566.88 1875.25~~436.67-1613.5
~~Feb~~2	~~5115~~2717.5	~~2148.88 9578.88~~1047.38-4725.19	~~5155~~2765	~~2193.88 8707.62~~1142.44-4777.88	~~5180~~2807.5	~~2313.5 9125.25~~1259.75-4920.12
~~Mar~~3	~~120~~740	~~27.38 282.62~~299.88-1307.56	~~225~~822.5	~~112.38 402.88~~344.88-1385.12	~~360~~947.5	~~187.38 587.62~~459.88-1535.12
~~Apr~~4	~~100~~557.5	~~20 210.50~~290-902.56	~~175~~882.5	~~80 305.25~~532.44-1287.56	~~225~~1047.5	~~117.37 340.25~~667.44-1467.62
~~May~~5	~~225~~182.5	~~82.12 445.25~~72.44-332.56	~~430~~350	~~247.38 627.62~~187.5-542.56	~~600~~482.5	~~404.75 843.12~~307.44-682.56
~~Jun~~6	~~25~~162.5	~~2.38 62.62~~69.94-287.5	~~30~~232.5	~~10 65~~122.5-365.06	~~80~~290	~~37.38 135~~155-457.62
~~Jul~~7	~~80~~70	~~11.58 166.67~~15-150	~~133.33~~142.5	~~63.33 243.83~~57.5-242.56	~~163.33~~205	~~79.67 280.17~~105-320.12
~~Aug~~8	~~85~~57.5	~~37.38 142.88~~17.5-117.5	~~135~~92.5	~~75 202.62~~35-162.56	~~220~~152.5	~~135 322.88~~80-237.5
~~Sep~~9	~~60~~50	~~15 122.62~~3.33-113.33	~~110~~100	~~40 192.62~~33.33-183.33	~~135~~156.67	~~57.38 215~~70-270
~~Oct~~10	~~150~~186.67	~~45 282.62~~70-343.42	~~225~~320	~~102.12 390.50~~159.92-536.75	~~255~~353.33	~~100 422.62~~183.33-573.33
~~Nov~~11	~~580~~390	~~222.38 1078.62~~133.25-756.83	~~935~~630	~~438.88 1558.12~~286.58-1090	~~985~~683.33	~~555 1673.38~~316.58-1153.58
~~Dec~~12	~~1140~~1233.33	~~234 2693.88~~290-2656.75	~~1250~~1320	~~251.88 3037.25~~370-2733.5	~~1300~~1380	~~291.88 2969.75~~416.5-2884.08

Table ~~12.3.18 c:~~ 60. Arklow Bank. Design-based estimates of Kittiwake abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~4350~~2986.67	~~1201.12-7969.75~~839.33-5800.67	~~4360~~3000	~~1593.75-9236.38~~886.58-5804.25	~~4360~~3020	~~1399-7229.12~~879.92-5575.17
~~Feb~~2	~~2275~~1285	~~796.62-4087.62~~422.38-2405.25	~~2275~~1310	~~726.38-4169.88~~449.69-2412.75	~~2280~~1320	~~708.25-4399.38~~522.44-2447.75
~~Mar~~3	~~65~~2800	~~12.38-130.25~~459.88-6488.12	~~135~~2860	~~36.88-225~~549.94-6475.44	~~175~~2880	~~80-272.62~~549.94-6405.81
~~Apr~~4	~~1780~~2520	~~713.75-3227.75~~1054.88-4545.25	~~1930~~2850	~~1011.62-3083.12~~1339.88-4898.06	~~2050~~2952.5	~~928.5-3233.12~~1414.94-4990.88
~~May~~5	~~510~~295	~~107.12-1156.12~~54.94-652.56	~~755~~455	~~279.75-1554.38~~165-900.19	~~895~~542.5	~~454.25-1658.38~~237.5-992.62
~~Jun~~6	~~35~~175	~~5-80~~47.44-347.5	~~35~~180	~~2.38-95.25~~55-362.56	~~55~~220	~~15-117.62~~70-440
~~Jul~~7	~~70~~60	~~6.67-148.58~~7.5-130.06	~~253.33~~210	~~76.5-495.58~~57.5-432.56	~~340~~282.5	~~143.33-745.08~~84.94-555.12
~~Aug~~8	~~625~~315	~~93.75-1340.25~~42.44-697.56	~~650~~327.5	~~238.75-1439~~54.88-685.31	~~700~~362.5	~~125-1423.12~~87.44-750
~~Sep~~9	~~5~~3.33	~~0-15~~0-10	~~10~~6.67	~~0-32.62~~0-20	~~10~~13.33	~~0-27.62~~0-36.67
~~Oct~~10	~~830~~836.67	~~0-2490~~43.33-2296.67	~~835~~926.67	~~0-2505~~63.25-2420	~~840~~930	~~0-2515~~56.67-2430.08
~~Nov~~11	~~2660~~1776.67	~~309.38-5726.88~~193-4260.75	~~2660~~1853.33	~~489.75-6514.75~~186.5-4713.42	~~2805~~1953.33	~~460.62-5052.50~~283.25-4546.83
~~Dec~~12	~~390~~626.67	~~20-1073.62~~123.25-1370.17	~~1990~~1700	~~32.38-4379.75~~186.58-4228.42	~~1995~~1703.33	~~36.88-4934~~189.92-4136.83

Table ~~12.3.19 a:~~ 61. Arklow Bank. Design-based estimates of Lesser black-backed gull abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	0	0-0	0	0-0	0	0-0
~~Feb~~2	0	0-0	0	0-0	0	0-0
~~Mar~~3	~~5~~7.5	~~0 15~~0-20	~~5~~12.5	~~0 17.62~~0-32.5	25	~~0 75~~0-67.5
~~Apr~~4	0	0-0	0	0-0	~~0~~3.33	~~0 0~~0-13.33
~~May~~5	0	0-0	0	0-0	0	0-0
~~Jun~~6	0	0-0	0	0-0	0	0-0
~~Jul~~7	0	0-0	0	0-0	~~0~~3.33	~~0 0~~0-10
~~Aug~~8	0	0-0	0	0-0	~~0~~7.5	~~0 0~~0-22.5
~~Sep~~9	0	0-0	0	0-0	0	0-0
~~Oct~~10	0	0-0	0	0-0	0	0-0
~~Nov~~11	0	0-0	~~0~~5	~~0 0~~0-15	~~0~~5	~~0 0~~0-15
~~Dec~~12	0	0-0	0	0-0	0	0-0

Table ~~12.3.19 b:~~ 62. Arklow Bank. Design-based estimates of Lesser black-backed gull abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	0	0-0	0	0-0	0	0-0
~~Feb~~2	0	0-0	0	0-0	0	0-0
~~Mar~~3	~~5~~7.5	~~0 17.62~~0-20	~~5~~12.5	~~0 20~~0-30.06	25	~~0 75~~0-70
~~Apr~~4	0	0-0	0	0-0	~~0~~3.33	~~0 0~~0-10
~~May~~5	0	0-0	0	0-0	0	0-0
~~Jun~~6	0	0-0	0	0-0	0	0-0
~~Jul~~7	0	0-0	0	0-0	0	0-0
~~Aug~~8	0	0-0	0	0-0	~~0~~7.5	~~0 0~~0-20
~~Sep~~9	0	0-0	0	0-0	0	0-0
~~Oct~~10	0	0-0	0	0-0	0	0-0
~~Nov~~11	0	0-0	0	0-0	0	0-0
~~Dec~~12	0	0-0	0	0-0	0	0-0

Table ~~12.3.19 c:~~ 63. Arklow Bank. Design-based estimates of Lesser black-backed gull abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	0	0-0	0	0-0	0	0-0
~~Feb~~2	0	0-0	0	0-0	0	0-0
~~Mar~~3	0	0-0	0	0-0	0	0-0
~~Apr~~4	0	0-0	0	0-0	0	0-0
~~May~~5	0	0-0	0	0-0	0	0-0
~~Jun~~6	0	0-0	0	0-0	0	0-0
~~Jul~~7	0	0-0	0	0-0	~~0~~3.33	~~0-0~~0-10
~~Aug~~8	0	0-0	0	0-0	0	0-0
~~Sep~~9	0	0-0	0	0-0	0	0-0
~~Oct~~10	0	0-0	0	0-0	0	0-0
~~Nov~~11	0	0-0	~~0~~5	~~0-0~~0-15	~~0~~5	~~0-0~~0-15
~~Dec~~12	0	0-0	0	0-0	0	0-0

Table ~~12.3.20 a:~~ 64. Arklow Bank. Design-based estimates of Little gull abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~760~~1006.67	~~20 1557.88~~66.67-2420.42	~~760~~1010	~~20 1806~~76.67-2390	~~760~~1023.33	~~17.38 1837.88~~83.33-2376.92
Feb	~~370~~357.5	~~15 1028.12~~50-877.62	~~380~~365	~~22.38 1010~~52.44-892.56	~~385~~367.5	~~17.38 1055.50~~52.5-892.62
Mar	~~230~~126.67	~~10 570~~3.33-313.33	~~420~~193.33	~~154.75 745.25~~50-406.75	~~450~~203.33	~~198 820~~60-423.33
Apr	~~0~~25	~~0 0~~0-60	~~0~~30	~~0 0~~0-75	~~0~~30	~~0 0~~0-70
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	~~10~~20	~~0 30~~0-55	~~10~~20	~~0 45.25~~0-50.12
Aug	25	~~0 77.62~~0-65	30	5-65	35	~~7.38 72.62~~10-75
Sep	~~250~~173.33	~~15 599.38~~6.67-420	~~290~~203.33	~~34.25 624.62~~30-456.67	~~320~~236.67	~~92.38 642.25~~49.92-543.33
Oct	~~535~~473.33	~~67.38 1116.25~~80-1010.17	~~625~~550	~~105 1293.12~~133.25-1120.17	~~655~~570	~~164.25 1450.25~~150-1140
Nov	~~780~~760	~~309 1420.25~~260-1383.67	~~815~~783.33	~~269 1506.38~~286.67-1436.92	~~1045~~936.67	~~476.38 1674.12~~396.58-1646.75
Dec	~~1045~~1140	~~166.12 2389.88~~226.67-2313.75	~~1340~~1336.67	~~44.25 3616.25~~240-2810.5	~~1350~~1343.33	~~109.75 3203.38~~239.92-2817.17

Table ~~12.3.20 b:~~ 65. Arklow Bank. Design-based estimates of Little gull abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~500~~766.67	~~20 1238.38~~76.67-1820	~~500~~770	~~14.75 1230.75~~63.33-1783.67	~~500~~783.33	~~22.38 1276.50~~90-1790.42
Feb	~~85~~145	~~5 225~~32.5-315	~~90~~150	~~10 230.50~~30-335.06	~~90~~150	~~5 240.75~~32.5-335
Mar	~~220~~90	~~0 641~~0-223.33	~~350~~136.67	~~100 691~~40-276.75	~~360~~140	~~144.75 705.25~~43.33-276.67
Apr	~~0~~5	~~0 0~~0-20	~~0~~10	~~0 0~~0-25	~~0~~10	~~0 0~~0-25
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	~~10~~20	~~0 30~~0-55	~~10~~20	~~0 30~~0-55
Aug	25	0-60	25	~~0 62.62~~0-60	30	~~5 60~~5-65
Sep	~~160~~113.33	~~5 390.50~~3.33-313.42	~~195~~136.67	~~17.38 525.50~~13.33-336.67	~~225~~156.67	~~57.38 485.50~~30-373.33
Oct	~~185~~206.67	~~10 450.25~~29.92-476.67	~~270~~276.67	~~42.38 583.38~~66.67-610	~~295~~293.33	~~50 658.62~~73.33-623.5
Nov	~~515~~506.67	~~127.38 1033.62~~130-1023.5	~~535~~520	~~137.12 1010.25~~156.58-1023.42	~~585~~553.33	~~201.88 1223,88~~179.92-1070.08
Dec	~~970~~1066.67	~~57.38 1917.75~~213.25-2150.33	~~1120~~1166.67	~~57.38 2634.75~~219.92-2453.42	~~1130~~1173.33	~~103.25 2671.12~~213.33-2526.92

Table ~~12.3.20 c:~~ 66. Arklow Bank. Design-based estimates of Little gull abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~260~~240	~~0-625~~0-640.17	~~260~~240	~~0-767.62~~0-600.33	~~260~~240	~~5-634.38~~0-623.5
Feb	~~285~~212.5	~~10-909.75~~5-592.5	~~290~~215	~~10-770.75~~7.5-595.12	~~295~~217.5	~~17.38-815.25~~10-602.69
Mar	~~10~~36.67	~~0-30~~0-110	~~70~~56.67	~~10-135.25~~3.33-153.33	~~90~~63.33	~~10-175.75~~6.67-163.33
Apr	~~0~~20	~~0-0~~0-45	~~0~~20	~~0-0~~0-50	~~0~~20	~~0-0~~0-45
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	5	0-15	5	0-15
Sep	~~90~~60	~~19.5-220.25~~0-150	~~95~~66.67	~~12.38-220.25~~3.33-166.75	~~95~~80	~~2.38-213.12~~3.33-203.33
Oct	~~350~~266.67	~~27.38-1029.62~~16.67-666.75	~~355~~273.33	~~27.12-969.38~~20-683.42	~~360~~276.67	~~30-950.25~~26.67-723.42
Nov	~~265~~253.33	~~105-455.25~~70-486.67	~~280~~263.33	~~107.12-483.12~~73.33-496.75	~~460~~383.33	~~209.75-748.62~~123.25-686.75
Dec	70	~~0-195.25~~0-180.08	~~215~~166.67	~~4.75-495~~6.67-413.33	~~215~~166.67	~~30-492.5~~6.67-410.17

Table ~~12.3.21 a:~~ 67. Arklow Bank. Design-based estimates of Manx shearwater abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	~~0~~5	~~0-0~~0-15
Apr	~~410~~240	~~77.38-857.62~~49.94-512.5	~~675~~460	~~241.62-1174.88~~177.5-867.56	~~1155~~740	~~671.62-1766~~372.5-1227.5
May	~~80~~287.5	~~17.12-167.62~~12.5-770.06	~~1660~~1120	~~582.12-3107.88~~254.94-2415.38	~~3145~~1907.5	~~1464.38-5113.12~~774.75-3410.5
Jun	~~475~~292.5	~~112.38-1053.50~~65-615.12	~~480~~452.5	~~64.25-1198.88~~147.44-887.5	~~490~~567.5	~~120-1119~~234.94-1030.19
Jul	~~16.67~~92.5	~~0-46.67~~12.5-207.5	~~146.67~~262.5	~~9.83-328.42~~82.5-525.06	~~820~~912.5	~~135.50-1859.42~~267.38-1840.38
Aug	~~1015~~520	~~127.38-2387.25~~82.5-1140.19	~~1375~~805	~~409.25-2902~~254.81-1482.56	~~1755~~1135	~~627.75-3205.38~~457.5-2020.44
Sep	~~110~~93.33	~~0-330~~3.33-283.33	~~195~~186.67	~~27.38-473.38~~33.25-416.67	~~250~~260	~~52.38-560.50~~86.67-506.67
Oct	0	0-0	~~0~~10	~~0-0~~0-40	~~0~~10	~~0-0~~0-30
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.21 b:~~ 68. Arklow Bank. Design-based estimates of Manx shearwater abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	~~0~~5	~~0-0~~0-15
Apr	~~75~~70	~~27.38-125~~22.5-127.5	210	~~84.75-347.88~~95-365.06	~~375~~320	~~194.75-670.25~~157.5-545.06
May	~~35~~27.5	~~0-85.25~~0-70	~~620~~322.5	~~167.12-1310.50~~77.5-710.25	~~1215~~645	~~539.2128.75~~260-1175.06
Jun	~~310~~195	~~19.75-765.50~~27.44-467.56	~~315~~287.5	~~32.38-821.75~~85-610	~~325~~380	~~32.38-822.62~~145-798
Jul	~~16.67~~70	~~0-43.50~~10-160	~~46.67~~150	~~4.92-113.50~~60-280	~~253.33~~337.5	~~33.33-665.25~~105-725
Aug	~~30~~22.5	~~0-82.62~~0-62.5	~~100~~112.5	~~0-267.62~~30-245	~~150~~180	~~37.38-322.88~~77.5-327.5
Sep	~~0~~16.67	~~0-0~~3.33-36.67	~~40~~73.33	~~0-87.62~~20-153.33	~~60~~120	~~17.38-122.62~~43.33-216.67
Oct	0	0-0	~~0~~10	~~0-0~~0-30	~~0~~10	~~0-0~~0-30
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.21 c:~~ 69. Arklow Bank. Design-based estimates of Manx shearwater abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	~~335~~170	~~57.38 775~~15-415.06	~~465~~250	~~109.25 972.25~~42.5-537.5	~~780~~420	~~269.75 1331.75~~155-757.5
May	~~45~~260	~~5 102.62~~7.5-732.62	~~1040~~797.5	~~253.50 2176.50~~84.88-1927.56	~~1930~~1262.5	~~760.62 3559.12~~395-2548.25
Jun	~~165~~97.5	~~22.38 376~~5-230.06	165	~~17.38 327.62~~17.5-390.06	~~165~~187.5	~~12.38 367.88~~22.5-397.62
Jul	~~0~~22.5	~~0 0~~0-60	~~100~~112.5	~~0 249.08~~5-280	~~566.67~~575	~~36.67 1454.17~~75-1365.25
Aug	~~985~~497.5	~~67.38 2046.88~~80-1102.69	~~1275~~692.5	~~416.88 2238.62~~209.94-1367.56	~~1605~~955	~~596.62 3052.62~~309.81-1783.06
Sep	~~110~~76.67	~~0 330~~0-230	~~155~~113.33	~~5 440~~0-300	~~190~~140	~~10 458.38~~6.67-343.42
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.22 a:~~ 70. Arklow Bank. Design-based estimates of Puffin abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	10	0-30	10	0-30	10	0-30
Mar	20	~~0-60~~0-50	20	0-50	20	0-50
Apr	0	0-0	0	0-0	~~10~~15	0-40
May	~~0~~5	~~0-0~~0-15	~~0~~15	~~0-0~~0-35	~~10~~40	~~0-40~~10-80
Jun	~~10~~3.33	~~0-30~~0-10	10	0-30	~~30~~16.67	~~0-75.25~~0-46.67
Jul	~~3.33~~5	~~0-10~~0-15	~~10~~17.5	~~0-26.67~~0-42.5	~~10~~45	~~0-28.42~~7.5-102.5
Aug	5	~~0-17.62~~0-15	~~10~~12.5	~~0-20~~0-32.5	~~30~~42.5	~~0-80~~4.94-102.56
Sep	0	0-0	0	0-0	10	~~0-35.25~~0-30
Oct	~~0~~10	~~0-0~~0-30	~~0~~10	~~0-0~~0-30	~~0~~10	~~0-0~~0-30
Nov	0	0-0	5	~~0-20~~0-15	5	0-15
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.22 b:~~ 71. Arklow Bank. Design-based estimates of Puffin abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	~~10~~3.33	~~0-30~~0-10	~~10~~3.33	~~0-30~~0-10	~~10~~3.33	~~0-30~~0-10
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.22 c:~~ 72. Arklow Bank. Design-based estimates of Puffin abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	10	0-30	10	0-30	10	~~0 35.25~~0-30
Mar	20	0-50	20	0-50	20	~~0 45.25~~0-50
Apr	0	0-0	0	0-0	~~10~~15	~~0 30~~0-40
May	~~0~~5	~~0 0~~0-15	~~0~~15	~~0 0~~0-35	~~10~~40	~~0 30~~10-80
Jun	0	0-0	~~0~~6.67	~~0 0~~0-20	~~20~~13.33	~~0 60~~0-40
Jul	~~3.33~~5	~~0 10~~0-15	~~10~~17.5	~~0 25.08~~0-40	~~10~~45	~~0 30~~5-102.5
Aug	5	0-15	~~10~~12.5	~~0 25~~0-32.5	~~30~~42.5	~~0 80~~2.5-102.5
Sep	0	0-0	0	0-0	10	0-30
Oct	~~0~~10	~~0 0~~0-30	~~0~~10	~~0 0~~0-30	~~0~~10	~~0 0~~0-30
Nov	0	0-0	5	0-15	5	0-15
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.23 a:~~ 73. Arklow Bank. Design-based estimates of Razorbill abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~3313.25~~2975.9	~~1718.53-5006.92~~1353.01-5205.32	~~3710.84~~3341.37	~~2139.91-6166.27~~1614.25-5591.26	~~3753.02~~3393.58	~~2327.56-5729.97~~1650.4-5635.14
~~Feb~~2	~~1421.68~~1204.82	~~528.92-2417.62~~409.49-2292.16	~~1524.10~~1430.72	~~526.36-2698.35~~584.19-2539.46	~~1572.29~~1530.12	~~633.58-2702.10~~668.45-2698.95
~~Mar~~3	~~48.2~~319.28	~~8.88-87.5~~108.44-584.41	~~78.32~~430.72	~~20.93-141.72~~201.8-698.94	~~162.65~~524.1	~~78.01-280.28~~274.02-840.43
~~Apr~~4	~~66.26~~207.83	~~12.05-144.88~~90.36-364.46	~~150.60~~424.7	~~66.26-259.04~~237.95-662.65	~~313.26~~590.36	~~171.24-467.32~~355.2-873.64
~~May~~5	~~36.15~~159.64	~~12.05-69.42~~24.1-361.6	~~210.84~~487.95	~~78.01-379.82~~231.93-816.26	~~421.68~~716.86	~~234.64-654.67~~409.64-1102.41
~~Jun~~6	~~18.07~~30.12	~~0-54.22~~0-84.34	~~18.07~~75.3	~~0-54.22~~24.1-147.82	~~24.09~~96.39	~~0-60.24~~39.08-177.71
~~Jul~~7	~~8.03~~75.3	~~0-24.10~~21.09-144.73	~~52.21~~334.34	~~5.92-122.79~~192.77-512.05	~~160.64~~740.96	~~60.04-309.44~~517.92-1018.15
~~Aug~~8	~~1186.74~~804.22	~~403.02-2202.86~~273.95-1623.64	~~2246.99~~2024.1	~~1309.48-3736.90~~1204.82-3081.48	~~3367.47~~3759.04	~~2150.3-4761.44~~2542.02-5187.42
~~Sep~~9	~~602.41~~546.18	~~279.97-985.39~~261.04-923.9	~~2319.28~~2570.28	~~1515.66-3181.62~~1642.47-3586.64	~~4174.70~~4550.2	~~2958.58-5760.84~~3272.79-5964.56
~~Oct~~10	~~126.50~~385.54	~~42.17-234.94~~168.68-698.8	~~379.52~~634.54	~~210.54-536.14~~345.38-984.03	~~512.04~~843.37	~~337.05-729.22~~542.17-1225
~~Nov~~11	~~1602.41~~1180.72	~~824.40-2906.33~~505.82-2169.08	~~2072.29~~1602.41	~~984.48-3403.76~~815.26-2566.57	~~2734.94~~2116.47	~~1719.88-4081.32~~1216.66-3261.54

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Dec~~12	~~626.50~~2204.82	~~102.11-1290.06~~610.44-4390.86	~~1144.58~~2558.23	~~318.68-2239.01~~799.09-4984.34	~~1319.28~~2738.96	~~568.53-2609.34~~995.38-5048.19

Table ~~12.3.23 b:~~ 74. Arklow Bank. Design-based estimates of Razorbill abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~66.26~~124.5	~~12.05 162.65~~12.05-293.27	~~126.51~~164.66	~~42.17 271.08~~28.11-349.5	~~132.53~~168.67	~~57.08 253.32~~36.15-357.43
~~Feb~~2	~~30.12~~96.39	~~0 87.5~~18.07-198.87	~~66.26~~141.57	~~18.07 150.9~~45.18-274.1	~~72.28~~186.74	~~8.88 138.56~~72.29-328.32
~~Mar~~3	~~0~~12.05	~~0 0~~0-30.12	~~0~~24.09	~~0 0~~3.01-48.19	~~18.07~~45.18	~~0 48.20~~6.03-99.4
~~Apr~~4	~~30.12~~24.1	~~0 75.45~~0-66.26	~~42.17~~36.15	~~12.05 90.36~~3.01-87.35	~~60.24~~51.2	~~18.07 105.57~~9.04-111.45
~~May~~5	0	0-0	~~0~~9.04	~~0 0~~0-27.11	~~42.17~~33.13	~~0 108.74~~0-90.36
~~Jun~~6	0	0-0	~~0~~6.03	~~0 0~~0-15.06	~~6.03~~12.05	~~0 18.07~~0-33.21
~~Jul~~7	~~8.03~~6.03	~~0 24.10~~0-18.07	~~8.03~~6.03	~~0 24.10~~0-18.07	~~8.03~~9.04	~~0 24.10~~0-27.11
~~Aug~~8	0	0-0	0	0-0	0	0-0
~~Sep~~9	0	0-0	~~0~~12.05	~~0 0~~0-28.11	~~0~~28.11	~~0 0~~8.03-56.22
~~Oct~~10	~~18.07~~68.27	~~0 54.22~~4.02-160.64	~~66.26~~112.45	~~6.03 148.05~~20.08-249.1	~~78.31~~124.5	~~6.03 162.66~~24.1-269.07
~~Nov~~11	~~138.56~~100.4	~~26.96 295.18~~24.1-204.82	~~144.58~~116.47	~~18.07 277.10~~20.08-236.95	~~162.65~~136.55	~~42.17 316.72~~40.16-265.16
~~Dec~~12	~~18.07~~108.43	~~0 48.49~~28.11-212.85	~~24.09~~116.46	~~0 63.41~~32.13-220.98	~~42.17~~136.55	~~6.03 90.67~~44.18-273.09

Table ~~12.3.23 c:~~ 75. Arklow Bank. Design-based estimates of Razorbill abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~3246.99~~2851.41	~~1313.26-5407.23~~1252.81-5004.62	~~3584.34~~3176.71	~~1992.17-5881.92~~1542.07-5345.78	~~3620.48~~3224.9	~~2014.76-5534.19~~1586.15-5397.99
~~Feb~~2	~~1391.57~~1108.43	~~535.84-2277.71~~331.25-2139.08	~~1457.83~~1289.15	~~681.48-2553.47~~469.88-2352.56	~~1500~~1343.37	~~670.93-2663.55~~517.84-2446.01
~~Mar~~3	~~48.20~~307.23	~~12.05-114.76~~93.37-560.32	~~78.32~~406.63	~~14.91-169.58~~186.75-665.74	~~144.57~~478.91	~~51.06-250.15~~237.95-768.07
~~Apr~~4	~~36.14~~183.74	~~2.86-78.32~~72.29-310.24	~~108.44~~388.56	~~48.2-183.88~~213.78-596.46	~~253.01~~539.16	~~108.13-391.56~~322.29-792.17
~~May~~5	~~36.15~~159.64	~~8.88-75.45~~30.12-361.44	~~210.84~~478.92	~~84.03-379.82~~225.9-828.39	~~379.52~~683.73	~~207.68-582.08~~388.48-1072.44
~~Jun~~6	~~18.07~~30.12	~~0-54.22~~0-93.38	~~18.07~~69.28	~~0-54.22~~21.09-135.54	~~18.07~~84.33	~~0-54.22~~33.13-156.7
~~Jul~~7	~~0~~69.28	~~0-0~~18.07-129.52	~~44.18~~328.31	~~4.02-100.60~~186.75-497.06	~~152.61~~731.93	~~62.15-259.14~~506.02-994.05
~~Aug~~8	~~1186.74~~804.22	~~388.4-2592.92~~265.06-1653.76	~~2246.99~~2024.1	~~1209.34-3349.24~~1186.67-3000.38	~~3367.47~~3759.04	~~2363.7-4639.16~~2617.4-5183.81
~~Sep~~9	~~602.41~~546.18	~~289.16-1018.97~~257.03-899.6	~~2319.28~~2558.23	~~1550.46-3202.41~~1610.14-3570.68	~~4174.70~~4522.09	~~3064.61-5636.59~~3280.92-5960.14
~~Oct~~10	~~108.44~~317.27	~~36.15-189.90~~120.48-582.33	~~313.25~~522.09	~~153.46-527.56~~277.11-831.53	~~433.74~~718.88	~~258.44-653.77~~429.72-1076.41
~~Nov~~11	~~1463.86~~1080.32	~~472.14-2575.30~~389.46-2032.13	~~1927.71~~1485.94	~~866.26-2966.11~~730.72-2534.54	~~2572.29~~1979.92	~~1437.65-4007.38~~1128.41-3080.52

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Dec~~12	~~608.43~~2096.39	~~104.97-1305.42~~493.68-4249.2	~~1120.48~~2441.77	~~402.71-2264.46~~686.34-4892.17	~~1277.11~~2602.41	~~469.28-2261.14~~855.22-4964.16

Table ~~12.3.24 a:~~ 76. Arklow Bank. Design-based estimates of Red-throated diver abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~115~~163.33	~~29.75 227.62~~60-300	~~140~~183.33	~~44.75 255.50~~70-323.33	~~165~~200	~~85 285.25~~83.33-346.67
Feb	~~90~~102.5	~~24.75 165~~32.5-195.06	~~115~~132.5	~~45 210.25~~50-232.5	~~130~~142.5	~~52.38 230.25~~59.94-250
Mar	~~20~~77.5	~~2.38 40~~27.5-135.06	~~25~~100	~~0 60~~42.5-170	~~30~~110	~~5 60~~50-187.5
Apr	~~35~~127.5	~~0 87.62~~32.5-257.56	~~50~~140	~~7.38 102.62~~47.44-270	~~70~~152.5	~~22.38 130~~52.5-302.5
May	~~25~~56.67	~~5 55~~13.33-113.42	~~30~~66.67	~~5 60.25~~20-126.67	~~35~~73.33	~~7.38 75~~23.33-140
Jun	~~0~~10	~~0 0~~0-30	~~0~~10	~~0 0~~0-30	~~0~~10	~~0 0~~0-30
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	~~0~~5	~~0 0~~0-15	~~0~~5	~~0 0~~0-15	~~0~~5	~~0 0~~0-15
Oct	~~45~~40	~~10 92.62~~3.33-90	~~45~~40	~~10 107.88~~3.33-90.08	~~45~~40	~~10 102.88~~3.33-86.67
Nov	~~5~~16.67	~~0 15~~3.33-36.67	~~10~~23.33	~~0 25~~3.33-50	~~25~~36.67	~~0 67.62~~6.67-80
Dec	~~60~~90	~~22.38 102.62~~33.33-156.67	~~65~~106.67	~~27.38 117.62~~50-180	~~90~~143.33	~~22.12 162.62~~66.67-236.67

Table ~~12.3.24 b:~~ 77. Arklow Bank. Design-based estimates of Red-throated diver abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	~~0~~3.33	~~0-0~~0-10	~~0~~3.33	~~0-0~~0-10
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	~~0~~3.33	~~0-0~~0-10
Dec	0	0-0	0	0-0	~~5~~3.33	~~0-17.62~~0-10

Table ~~12.3.24 c:~~ 78. Arklow Bank. Design-based estimates of Red-throated diver abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~115~~163.33	~~35 215~~56.67-296.67	~~140~~180	~~49.75 262.88~~70-326.67	~~165~~196.67	~~72.38 285.25~~83.25-336.75
Feb	~~90~~102.5	~~25 172.62~~30-195.06	~~115~~132.5	~~42.38 190~~55-232.5	~~130~~142.5	~~57.38 245.75~~60-242.56
Mar	~~20~~77.5	~~2.38 47.62~~27.5-135	~~25~~100	~~0 62.62~~42.44-172.5	~~30~~110	~~5 65~~52.5-182.5
Apr	~~35~~127.5	~~0 85~~32.5-262.62	~~50~~140	~~10 107.62~~47.5-272.5	~~70~~152.5	~~20 120.25~~55-290.06
May	~~25~~56.67	~~2.38 57.62~~13.33-113.42	~~30~~66.67	~~5 60~~20-130	~~35~~73.33	~~5 75~~23.33-136.67
Jun	~~0~~10	~~0 0~~0-30	~~0~~10	~~0 0~~0-30	~~0~~10	~~0 0~~0-30
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	~~0~~5	~~0 0~~0-15	~~0~~5	~~0 0~~0-15	~~0~~5	~~0 0~~0-15
Oct	~~45~~40	~~10 97.62~~3.33-90	~~45~~40	~~7.38 97.62~~6.67-86.67	~~45~~40	~~10 95.50~~3.33-90
Nov	~~5~~16.67	~~0 15~~3.33-40	~~10~~23.33	~~0 25~~3.33-50	~~25~~33.33	~~0 65~~3.33-76.67
Dec	~~60~~90	~~17.38 105.25~~36.67-153.33	~~65~~106.67	~~20 115~~50-176.67	~~85~~140	~~35 145.25~~66.67-223.33

Table ~~12.3.25 a:~~ 79. Arklow Bank. Design-based estimates of ~~Sandwich~~Roseate Tern abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	~~1~~0	~~0-3~~0-0	~~2~~5	~~5-47.62~~0-0
May	~~5~~0	~~0-15~~0-0	~~5~~0	~~0-15~~0-0	~~5~~0	~~0-15~~0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	~~1~~0	~~0-3~~0-0	20	~~0-5~~0-60	~~4~~020	~~10-100~~0-60
Sep	~~1~~5~~0~~	~~5-3~~0-0	~~1~~5~~0~~	~~5-3~~5~~0~~-0	~~1~~5~~0~~	~~0-3~~5~~0~~-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.25 b:~~ 80. Arklow Bank. Design-based estimates of ~~Sandwich~~Roseate Tern abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	~~10~~0	~~0-20~~0-0	~~25~~0	~~5-47.62~~0-0
May	~~5~~0	~~0-15~~0-0	~~5~~0	~~0-15~~0-0	~~5~~0	~~0-15~~0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	~~10~~0	~~0-30~~0-0	20	~~0-50~~0-60	~~40~~20	~~10-80~~0-60
Sep	~~15~~0	~~0-30~~0-0	~~15~~0	~~0-32.62~~0-0	~~15~~0	~~0-35~~0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.25 c:~~ 81. Arklow Bank. Design-based estimates of ~~Sandwich~~Roseate Tern abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	0	0-0	0	0-0	0	0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	0	0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	0	0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	0	0-0	0	0-0

Table ~~12.3.26 a:~~ 82. Arklow Bank. Design-based estimates of ~~Shag~~Sandwich tern abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~2~~50	~~0 72.62~~0-0	~~2~~50	~~2.38 70.25~~0-0	~~2~~50	~~0 57.62~~0-0
Feb	~~3~~50	~~5 77.62~~0-0	~~3~~50	~~5 75.25~~0-0	~~3~~50	~~5 72.88~~0-0
~~Mar~~	~~10~~	~~0 30~~	~~10~~	~~0 35.25~~	~~10~~	~~0 40~~
~~Apr~~Mar	0	0-0	0	0-0	0	0-0
~~May~~Apr	0	0-0	~~0~~7.5	~~0 0~~0-22.5	~~10~~15	~~0 22.62~~2.5-35
May	5	0-15	5	0-15	5	0-15
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	~~0~~10	~~0 0~~0-26.67
Aug	3.33	0-10	10	0-26.67	16.67	3.33-36.67
Sep	10	0-23.33	10	0-23.33	10	0-23.33
~~Aug~~Oct	0	0-0	0	0-0	~~20~~0	~~0 40~~0-0
~~Sep~~Nov	0	0-0	0	0-0	0	0-0
~~Oct~~	~~10~~	~~0 30~~	~~10~~	~~0 37.62~~	~~10~~	~~0 30~~
~~Nov~~	~~5~~	~~0 17.62~~	~~5~~	~~0 20~~	~~5~~	~~0 15~~
Dec	~~1~~50	~~0 37.62~~0-0	~~2~~50	~~0 65~~0-0	~~2~~50	~~0 65~~0-0

Table ~~12.3.26 b:~~ 83. Arklow Bank. Design-based estimates of ~~Shag~~Sandwich tern abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	0	0-0	0	0-0	0	0-0
Feb	~~5~~0	~~0-15~~0-0	~~5~~0	~~0-17.62~~0-0	~~5~~0	~~0-15~~0-0
Mar	0	0-0	0	0-0	0	0-0
Apr	0	0-0	~~0~~7.5	~~0-0~~0-22.5	~~0~~15	~~0-0~~0-32.5
May	~~0~~5	~~0-0~~0-15	~~0~~5	~~0-0~~0-15	5	0-15
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	~~0~~10	~~0-0~~0-26.67
Aug	~~0~~3.33	~~0-0~~0-10	~~0~~10	~~0-0~~0-26.67	~~0~~16.67	~~0-0~~3.33-36.67
Sep	~~0~~10	~~0-0~~0-23.33	~~0~~10	~~0-0~~0-23.33	~~0~~10	~~0-0~~0-23.33
Oct	0	0-0	0	0-0	0	0-0
Nov	0	0-0	0	0-0	0	0-0
Dec	0	0-0	~~10~~0	~~0-30~~0-0	~~10~~0	~~0-32.62~~0-0

Table ~~12.3.26 c:~~ 84. Arklow Bank. Design-based estimates of ~~Shag~~Sandwich tern abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
Jan	~~2~~50	~~5-62.62~~0-0	~~2~~50	~~0-70.25~~0-0	~~2~~50	~~0-57.62~~0-0
Feb	~~3~~00	~~2.38-80~~0-0	~~3~~00	~~5-70.25~~0-0	~~3~~00	~~2.38-70.25~~0-0
Mar	~~1~~00	~~0-30~~0-0	~~1~~00	~~0-30~~0-0	~~1~~00	~~0-30~~0-0
Apr	0	0-0	0	0-0	0	0-0
May	0	0-0	0	0-0	~~5~~0	~~0-15~~0-0
Jun	0	0-0	0	0-0	0	0-0
Jul	0	0-0	0	0-0	0	0-0
Aug	0	0-0	0	0-0	~~2~~00	~~0-50~~0-0
Sep	0	0-0	0	0-0	0	0-0
Oct	~~1~~00	~~0-37.62~~0-0	~~1~~00	~~0-35~~0-0	~~1~~00	~~0-30~~0-0
Nov	~~5~~0	~~0-15~~0-0	~~5~~0	~~0-15~~0-0	~~5~~0	~~0-15~~0-0
Dec	~~1~~50	~~0-35~~0-0	~~1~~50	~~0-35~~0-0	~~1~~50	~~0-37.62~~0-0

Table ~~12.3.27 a:~~ 85. Arklow Bank. Design-based estimates of ~~Small gull species~~Shag abundance~~,~~ in flight and on the sea in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~535~~46.67	~~99.75 1299.62~~10-100	~~540~~46.67	~~164.25 1215.50~~10-100	~~545~~46.67	~~111.38 1178.38~~10-96.67
~~Feb~~2	~~495~~57.5	~~126.62 980.25~~5-132.5	~~495~~57.5	~~147.12 1012.50~~5-135	~~495~~57.5	~~159.5 918.12~~5-137.5
3	50	6.67-120	50	6.67-120	50	10-120
4	3.33	0-10	3.33	0-10	3.33	0-10
5	6.67	0-16.67	10	0-23.33	20	3.33-43.33
6	3.33	0-10	3.33	0-10	6.67	0-16.67
~~Mar~~7	0	0-0	0	0-0	~~10~~3.33	~~0 30~~0-10
~~Apr~~8	~~75~~16.67	~~20 155~~0-43.33	~~80~~16.67	~~25 157.62~~0-40	~~80~~26.67	~~25 150~~0-70
~~May~~9	0	0-0	~~30~~20	~~0 70~~0-60	~~30~~20	~~0 70~~0-55.12
~~Jun~~10	10	0-30	10	0-30	10	0-30
~~Jul~~	~~0~~	~~0 0~~	~~0~~	~~0 0~~	~~0~~	~~0 0~~
~~Aug~~	~~0~~	~~0 0~~	~~0~~	~~0 0~~	~~0~~	~~0 0~~
~~Sep~~11	~~10~~16.67	~~0 20~~0-43.33	~~10~~16.67	~~0 25~~0-40	~~15~~16.67	~~0 40~~0-40.08
~~Oct~~12	~~5~~30	~~0 17.62~~0-73.42	~~5~~36.67	~~0 15~~0-86.67	~~10~~36.67	~~0 25~~0-86.83
~~Nov~~	~~370~~	~~71.88 940.50~~	~~390~~	~~75 926.25~~	~~445~~	~~157.38 880.75~~
~~Dec~~	~~165~~	~~14.75 390.50~~	~~175~~	~~40 400.25~~	~~195~~	~~42.38 405.25~~

Table ~~12.3.27 b:~~ 86. Arklow Bank. Design-based estimates of ~~Small gull species~~Shag abundance~~,~~ in flight only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~50~~3.33	~~10 97.62~~0-10	~~55~~3.33	~~0 122.62~~0-10	~~60~~3.33	~~10 125~~0-10
~~Feb~~2	~~75~~2.5	~~25 132.88~~0-7.5	~~75~~2.5	~~14.75 147.62~~0-7.5	~~75~~2.5	~~30 142.62~~0-7.5
3	16.67	0-50	16.67	0-50	16.67	0-50
~~Mar~~4	0	0-0	0	0-0	~~10~~0	~~0 30~~0-0
5	3.33	0-10	6.67	0-16.67	10	0-26.67
~~Apr~~6	0	0-0	0	0-0	0	0-0
~~May~~7	0	0-0	0	0-0	0	0-0
~~Jun~~8	0	0-0	0	0-0	~~0~~3.33	~~0 0~~0-10
9	0	0-0	20	0-60	20	0-55.12
~~Jul~~10	0	0-0	0	0-0	0	0-0
~~Aug~~11	0	0-0	0	0-0	0	0-0
~~Sep~~12	~~5~~0	~~0 15~~0-0	~~5~~6.67	~~0 15~~0-20	~~5~~6.67	~~0 15~~0-20
~~Oct~~	~~5~~	~~0 17.62~~	~~5~~	~~0 15~~	~~5~~	~~0 15~~
~~Nov~~	~~45~~	~~5 117.62~~	~~50~~	~~0 117.62~~	~~80~~	~~12.38 147.62~~
~~Dec~~	~~80~~	~~25 170.25~~	~~85~~	~~25 167.88~~	~~95~~	~~37.38 182.88~~

Table ~~12.3.27 c:~~ 87. Arklow Bank. Design-based estimates of ~~Small gull species~~Shag abundance~~,~~ on the sea only in the entire ~~Array~~consent area and buffer zones.

	Abundance					
	Wind farm		Wind farm & 2km buffer		Wind farm and 4km buffer	
Month	~~Array Area~~ Abundance	95% c.i.	~~Array Area and 2 km buffer~~ Abundance	95% c.i.	~~Array Area and 4 km buffer~~ Abundance	95% c.i.
~~Jan~~1	~~485~~43.33	~~105 1033.88~~6.67-93.33	~~485~~43.33	~~99.75 1126.12~~6.67-93.33	~~485~~43.33	~~57.12 1072.75~~6.67-93.33
~~Feb~~2	~~420~~55	~~147.38 808.12~~2.5-127.5	~~420~~55	~~122.38 763.12~~2.5-125.12	~~420~~55	~~114.75 856~~2.5-132.5
~~Mar~~3	~~0~~33.33	~~0 0~~6.67-70	~~0~~33.33	~~0 0~~6.67-66.67	~~0~~33.33	~~0 0~~6.67-66.75
~~Apr~~4	~~75~~3.33	~~17.38 138.12~~0-10	~~80~~3.33	~~27.38 142.88~~0-10	~~80~~3.33	~~30 157.88~~0-10
~~May~~5	~~0~~3.33	~~0 0~~0-10	~~30~~3.33	~~0 90~~0-10	~~30~~10	~~0 75.25~~0-26.67
~~Jun~~6	~~10~~3.33	~~0 25.25~~0-10	~~10~~3.33	~~0 30~~0-10	~~10~~6.67	~~0 30~~0-16.67
~~Jul~~7	0	0-0	0	0-0	~~0~~3.33	~~0 0~~0-13.33
8	16.67	0-43.33	16.67	0-43.33	23.33	0-60
~~Aug~~9	0	0-0	0	0-0	0	0-0
~~Sep~~10	~~5~~10	~~0 15~~0-33.33	~~5~~10	~~0 15~~0-30	10	~~0 32.62~~0-30
~~Oct~~11	~~0~~16.67	~~0 0~~0-40	~~0~~16.67	~~0 0~~0-40	~~5~~16.67	~~0 15~~0-43.33
~~Nov~~12	~~325~~30	~~20 688.12~~0-73.33	~~340~~30	~~70 751.25~~0-73.33	~~365~~30	~~69.75 690.25~~0-73.33
~~Dec~~	~~85~~	~~0 240~~	~~90~~	~~0 255.25~~	~~100~~	~~5 267.88~~

~~1.3~~ REFERENCES

Allen, S. (2013) JNCC expert statement on ornithological issues for written representations in respect of East Anglia One offshore windfarm.