

Spiorad na Mara Offshore Wind Farm

Offshore Project

Report to Inform Appropriate Assessment

Appendix G: Offshore Ornithology In-combination Data Tables

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1 ORNITHOLOGY IN-COMBINATION DATA TABLES

1.1 INTRODUCTION

- 1.1.1.1 This appendix of the **Offshore Report to Inform Appropriate Assessment (RIAA)** presents data tables showing how the in-combination impacts in Section 13 of the **Offshore RIAA** have been calculated. For each species and impact, there are firstly tables showing each project's total project alone estimated impact on a seasonal basis, followed by tables for each relevant SPA showing how each project's impact has been apportioned to that SPA in each season. Further details of the methodology are provided in Section 2 of **Appendix D** of the **Offshore RIAA**.
- 1.1.1.2 Within this document the Spiorad na Mara Offshore Wind Farm is referred to as the 'Offshore Project'.

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1.2 DISPLACEMENT

1.2.1 KITTIWAKE

Table 1-1 Kittiwake in-combination displacement mortality calculations

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)
Aberdeen Offshore Wind Farm	663	5.97	1.99	14	0.13	0.04	23	0.21	0.07
Arklow Bank Phase 2	2,105	18.95	6.32	3,595	32.36	10.79	7,430	66.87	22.29
Awel y Mor	476	4.29	1.43	180	1.62	0.54	420	3.78	1.26
Barrow	19	0.17	0.06	21	0.19	0.06	23	0.21	0.07
Beatrice Offshore Wind Farm	1,430	12.87	4.29	1,112	10.01	3.34	1,112	10.01	3.34
Berwick Bank Offshore Wind Farm	21,141	190.27	63.42	11,190	100.71	33.57	13,766	123.89	41.30

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)
Blyth Demonstration Project (Phase 1)	591	5.32	1.77	740	6.66	2.22	740	6.66	2.22
Buchan Offshore Wind Farm	183	1.65	0.55	105	0.95	0.32	344	3.10	1.03
Burbo Bank	9	0.08	0.03	20	0.18	0.06	22	0.20	0.07
Burbo Bank Extension	468	4.21	1.40	98	0.88	0.29	50	0.45	0.15
Caledonia Offshore Wind Farm	2,039	18.35	6.12	483	4.35	1.45	115	1.04	0.35
Cenos	209	1.88	0.63	97	0.87	0.29	49	0.44	0.15
Codling Wind Park	695	6.25	2.08	1,363	12.27	4.09	521	4.69	1.56
Dogger Bank Creyke Beck A	3,479	31.31	10.44	1,530	13.77	4.59	6,938	62.44	20.81
Dogger Bank Creyke Beck B	4,420	39.78	13.26	1,920	17.28	5.76	8,544	76.90	25.63

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)
Dogger Bank South	10,915	98.24	32.75	7,353	66.18	22.06	11,307	101.76	33.92
Dogger Bank Teesside A	1,739	15.65	5.22	928	8.35	2.78	4,854	43.68	14.56
Dogger Bank Teesside B	2,701	24.31	8.10	1,255	11.29	3.76	6,689	60.20	20.07
Dublin Array	622	5.60	1.87	749	6.74	2.25	850	7.65	2.55
Dudgeon	36	0.33	0.11	20	0.18	0.06	80	0.72	0.24
Dudgeon Extension	1,155	10.40	3.47	1,455	13.10	4.37	138	1.24	0.41
East Anglia One	171	1.54	0.51	1,158	10.42	3.47	758	6.82	2.27
East Anglia One North	231	2.08	0.69	159	1.43	0.48	435	3.92	1.31
East Anglia Three	345	3.11	1.04	3,419	30.77	10.26	1,309	11.78	3.93
East Anglia Two	241	2.17	0.72	127	1.14	0.38	301	2.71	0.90
Erebus	2	0.02	0.01	2,022	18.20	6.07	508	4.57	1.52
Five Estuaries	278	2.50	0.83	238	2.14	0.71	573	5.16	1.72
Galloper	287	2.58	0.86	391	3.52	1.17	693	6.24	2.08

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)
Greater Gabbard	539	4.85	1.62	431	3.88	1.29	542	4.88	1.63
Green Volt	183	1.65	0.55	149	1.34	0.45	83	0.75	0.25
Gwynt y Mor	33	0.30	0.10	65	0.59	0.20	72	0.65	0.22
Hornsea Project One	2,946	26.51	8.84	31,481	283.33	94.44	767	6.90	2.30
Hornsea Project Two	2,903	26.13	8.71	1,449	13.04	4.35	1,975	17.78	5.93
Hornsea Three	5,320	47.88	15.96	2,550	22.95	7.65	3,795	34.16	11.39
Hornsea Four	3,771	33.94	11.31	3,608	32.47	10.82	2,626	23.63	7.88
Humber Gateway	124	1.11	0.37	17	0.15	0.05	23	0.20	0.07
Hywind	112	1.01	0.34	6	0.06	0.02		0.00	0.00
Inch Cape Offshore Wind Farm	3,866	34.79	11.60	1,069	9.62	3.21	1,069	9.62	3.21
Kincardine	229	2.06	0.69		0.00	0.00		0.00	0.00
Lynn and Inner Dowsing	41	0.37	0.12	12	0.11	0.04	15	0.14	0.05
Lincs	18	0.16	0.05	32	0.29	0.10	13	0.12	0.04

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)
London Array	24	0.22	0.07	144	1.29	0.43	134	1.21	0.40
Methil Demonstration	184	1.66	0.55		0.00	0.00		0.00	0.00
Llŷr 1	88	0.79	0.26	1,944	17.50	5.83	206	1.85	0.62
Mona	726	6.53	2.18	560	5.04	1.68	574	5.17	1.72
Mooir Vannin	571	5.14	1.71	551	4.96	1.65	992	8.93	2.98
Moray East	1,963	17.67	5.89		0.00	0.00		0.00	0.00
Moray West	6,902	62.12	20.71	1,470	13.23	4.41	1,074	9.67	3.22
Morecambe	2,625	23.63	7.88	1,717	15.45	5.15	324	2.92	0.97
Morgan	505	4.55	1.52	1,151	10.35	3.45	791	7.12	2.37
Muir Mhor	3,252	29.27	9.76	58	0.52	0.17	751	6.76	2.25
Nearr na Gaoithe Offshore Wind Farm	2,164	19.48	6.49	2,016	18.14	6.05	139	1.25	0.42
Norfolk Boreas	575	5.17	1.72	2,576	23.18	7.73	949	8.54	2.85
Norfolk Vanguard	519	4.67	1.56	916	8.24	2.75	1,294	11.65	3.88
North Falls	279	2.51	0.84	467	4.20	1.40	845	7.60	2.53
North Hoyle	17	0.15	0.05	19	0.17	0.06	21	0.19	0.06

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)
North Irish Sea Array	543	4.89	1.63	680	6.12	2.04	768	6.91	2.30
Oriel	103	0.93	0.31	161	1.45	0.48	128	1.15	0.38
Ormonde	60	0.54	0.18	20	0.18	0.06	22	0.20	0.07
Ossian	3,183	28.65	9.55	566	5.09	1.70	581	5.23	1.74
Outer Dowsing	5,207	46.86	15.62	5,207	46.86	15.62	1,760	15.84	5.28
Pentland Floating Offshore Wind Farm	546	4.91	1.64	118	1.06	0.35	41	0.37	0.12
Race Bank	125	1.13	0.38	84	0.75	0.25	46	0.41	0.14
Rampion	162	1.45	0.48	172	1.55	0.52	151	1.36	0.45
Rampion 2	5	0.05	0.02	97	0.87	0.29	286	2.57	0.86
Rhyl Flats	11	0.10	0.03	20	0.18	0.06	22	0.20	0.07
Robin Rigg	162	1.46	0.49	28	0.25	0.08	30	0.27	0.09
Salamander	3,718	33.46	11.15	142	1.28	0.43	155	1.40	0.47
Seagreen Alpha and Bravo	3,235	29.12	9.71	2,286	20.57	6.86	2,286	20.57	6.86
Sheringham Shoal	30	0.27	0.09	40	0.36	0.12	9	0.08	0.03

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)		NatureScot Upper (30% displacement / 3% mortality)	NatureScot Lower / Applicant (30% displacement / 1% mortality)
Sheringham Shoal Extension	191	1.71	0.57	150	1.35	0.45	76	0.68	0.23
Teesside	197	1.78	0.59	6	0.05	0.02	13	0.12	0.04
Thanet	2	0.02	0.01	33	0.30	0.10	9	0.08	0.03
Triton Knoll	290	2.61	0.87	332	2.99	1.00	226	2.03	0.68
Twinhub (Wave Hub Floating Wind Farm)	9	0.09	0.03	106	0.95	0.32		0.00	0.00
Walney 1 & 2	39	0.35	0.12	86	0.77	0.26	94	0.85	0.28
Walney Extension	161	1.45	0.48	645	5.80	1.93	336	3.02	1.01
West of Duddon Sands	454	4.09	1.36	62	0.56	0.19	68	0.61	0.20
West of Orkney Offshore Wind Farm	1,113	10.02	3.34	799	7.19	2.40	1,217	10.95	3.65
White Cross	100	0.90	0.30	219	1.97	0.66	1,141	10.27	3.42
Offshore Project	33	0.30	0.10	217	1.95	0.65	660	5.94	1.98

Cape Wrath SPA

Table 1-2 Kittiwake in-combination displacement mortality apportioned to Cape Wrath SPA (NatureScot Upper Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0136	0.02	0.0239	0.09	0.11
Barrow	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.01
Beatrice Offshore Wind Farm	0.0010	0.532	0.1	0.01	0.0002	0.00	0.0003	0.00	0.01
Berwick Bank Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.03	0.0003	0.04	0.07
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Burbo Bank	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.01
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0136	0.01	0.0239	0.01	0.02

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0050	0.532	0.1	0.04	0.0002	0.00	0.0003	0.00	0.05
Cenos	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.02	0.02
Dogger Bank Creyke Beck B	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.03	0.03
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0002	0.02	0.0003	0.03	0.05
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.02
Dogger Bank Teesside B	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.02	0.02
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia One	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia One North	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia Three	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
East Anglia Two	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Erebus	0.0000	0.532	0.1	0.00	0.0136	0.25	0.0239	0.11	0.36
Five Estuaries	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Galloper	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Green Volt	0.0090	0.532	0.1	0.01	0.0002	0.00	0.0003	0.00	0.01
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0136	0.01	0.0239	0.02	0.02
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0002	0.07	0.0003	0.00	0.07
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Hornsea Three	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.01	0.02
Hornsea Four	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.01	0.02
Humber Gateway	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hywind	0.0120	0.532	0.1	0.01	0.0002	0.00	0.0003	0.00	0.01
Inch Cape Offshore Wind Farm	0.0020	0.532	0.1	0.03	0.0002	0.00	0.0003	0.00	0.04
Kincardine	0.0010	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Lincs	0.0010	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
London Array	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0136	0.24	0.0239	0.04	0.28
Mona	0.0000	0.532	0.1	0.00	0.0136	0.07	0.0239	0.12	0.19
Moor Vannin	0.0000	0.532	0.1	0.00	0.0136	0.07	0.0239	0.21	0.28
Moray East	0.0030	0.532	0.1	0.03	0.0002	0.00	0.0003	0.00	0.03
Moray West	0.0040	0.532	0.1	0.12	0.0002	0.00	0.0003	0.00	0.13
Morecambe	0.0000	0.532	0.1	0.00	0.0136	0.21	0.0239	0.07	0.28
Morgan	0.0000	0.532	0.1	0.00	0.0136	0.14	0.0239	0.17	0.31
Muir Mhor	0.0050	0.532	0.1	0.07	0.0002	0.00	0.0003	0.00	0.07
Neart na Gaoithe Offshore Wind Farm	0.0010	0.532	0.1	0.01	0.0002	0.00	0.0003	0.00	0.01
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.00	0.01
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
North Falls	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
North Hoyle	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.01
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.01
Ossian	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.01	0.02

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.0070	0.532	0.1	0.02	0.0136	0.01	0.0239	0.01	0.04
Race Bank	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Rampion	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Rampion 2	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.01
Robin Rigg	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.01	0.01
Salamander	0.0037	0.532	0.1	0.06	0.0002	0.00	0.0003	0.00	0.06
Seagreen Phase 1 Wind Farm	0.0020	0.532	0.1	0.03	0.0002	0.01	0.0003	0.01	0.04
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Sheringham Shoal Extension	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Teesside	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Triton Knoll	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0136	0.01	0.0239	0.00	0.01
Walney 1 & 2	0.0000	0.532	0.1	0.00	0.0136	0.01	0.0239	0.02	0.03
Walney Extension	0.0000	0.532	0.1	0.00	0.0136	0.08	0.0239	0.07	0.15

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0136	0.01	0.0239	0.01	0.02
West of Orkney Offshore Wind Farm	0.2465	0.532	0.1	1.18	0.0136	0.10	0.0239	0.26	1.54
White Cross	0.0000	0.532	0.1	0.00	0.0136	0.03	0.0239	0.25	0.27
Offshore Project	0.0999	0.3958	0.1	0.01	0.0136	0.03	0.0239	0.14	0.18
Total mortality (with Berwick Bank Offshore Wind Farm)				1.62	1.51		1.88		5.01
Total mortality (without Berwick Bank Offshore Wind Farm)				1.62	1.49		1.84		4.95

Table 1-3 Kittiwake in-combination displacement mortality apportioned to Cape Wrath SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0136	0.01	0.0239	0.03	0.04
Barrow	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice Offshore Wind Farm	0.0010	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.01	0.02
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Burbo Bank	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.00
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.01
Caledonia Offshore Wind Farm	0.0050	0.532	0.1	0.01	0.0002	0.00	0.0003	0.00	0.02
Cenos	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Dogger Bank Creyke Beck B	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.01	0.02
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Dogger Bank Teesside B	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia One	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia One North	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia Three	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia Two	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Erebus	0.0000	0.532	0.1	0.00	0.0136	0.08	0.0239	0.04	0.12
Five Estuaries	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Galloper	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Green Volt	0.0090	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.01	0.01
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0002	0.02	0.0003	0.00	0.02

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hornsea Three	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Hornsea Four	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Humber Gateway	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hywind	0.0120	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Inch Cape Offshore Wind Farm	0.0020	0.532	0.1	0.01	0.0002	0.00	0.0003	0.00	0.01
Kincardine	0.0010	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Lincs	0.0010	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
London Array	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Methil Demonstration	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0136	0.08	0.0239	0.01	0.09
Mona	0.0000	0.532	0.1	0.00	0.0136	0.02	0.0239	0.04	0.06
Moor Vannin	0.0000	0.532	0.1	0.00	0.0136	0.02	0.0239	0.07	0.09
Moray East	0.0030	0.532	0.1	0.01	0.0002	0.00	0.0003	0.00	0.01
Moray West	0.0040	0.532	0.1	0.04	0.0002	0.00	0.0003	0.00	0.04
Morecambe	0.0000	0.532	0.1	0.00	0.0136	0.07	0.0239	0.02	0.09
Morgan	0.0000	0.532	0.1	0.00	0.0136	0.05	0.0239	0.06	0.10
Muir Mhor	0.0050	0.532	0.1	0.02	0.0002	0.00	0.0003	0.00	0.02

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0010	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
North Falls	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
North Hoyle	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.00
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.00
Ossian	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Pentland Floating Offshore Wind Farm	0.0070	0.532	0.1	0.01	0.0136	0.00	0.0239	0.00	0.01
Race Bank	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Rampion	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Rampion 2	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.00
Robin Rigg	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.00
Salamander	0.0037	0.532	0.1	0.02	0.0002	0.00	0.0003	0.00	0.02
Seagreen Phase 1 Wind Farm	0.0020	0.532	0.1	0.01	0.0002	0.00	0.0003	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Sheringham Shoal Extension	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Teesside	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Triton Knoll	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.00
Walney 1 & 2	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.01	0.01
Walney Extension	0.0000	0.532	0.1	0.00	0.0136	0.03	0.0239	0.02	0.05
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.01
West of Orkney Offshore Wind Farm	0.2465	0.532	0.1	0.39	0.0136	0.03	0.0239	0.09	0.51
White Cross	0.0000	0.532	0.1	0.00	0.0136	0.01	0.0239	0.08	0.09
Offshore Project	0.0999	0.3958	0.1	0.00	0.0136	0.01	0.0239	0.05	0.06
Total mortality (with Berwick Bank Offshore Wind Farm)				0.54	0.50		0.63		1.67
Total mortality (without Berwick Bank Offshore Wind Farm)				0.54	0.50		0.61		1.65

East Caithness Cliffs SPA

Table 1-4 Kittiwake In-combination displacement mortality apportioned to East Caithness Cliffs SPA (NatureScot Upper Approach).

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0060	0.532	0.1	0.02	0.0584	0.01	0.0772	0.02	0.04
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0177	0.03	0.0351	0.13	0.16
Barrow	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.01	0.01
Beatrice Offshore Wind Farm	0.9410	0.532	0.1	5.80	0.0584	0.58	0.0772	0.77	7.16
Berwick Bank Offshore Wind Farm	0.0310	0.532	0.1	(2.82)*	0.0584	(5.88)*	0.0772	(9.57)*	(18.28)*
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0584	0.39	0.0772	0.51	0.90
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0584	0.06	0.0772	0.24	0.29
Burbo Bank	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.01	0.01
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0177	0.02	0.0351	0.02	0.03

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.5130	0.532	0.1	4.51	0.0584	0.25	0.0772	0.08	4.84
Cenos	0.1300	0.532	0.1	0.14	0.0584	0.05	0.0772	0.03	0.23
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0584	0.80	0.0772	4.82	5.63
Dogger Bank Creyke Beck B	0.0000	0.532	0.1	0.00	0.0584	1.01	0.0772	5.94	6.95
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0584	3.87	0.0772	7.86	11.73
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0584	0.49	0.0772	3.37	3.86
Dogger Bank Teesside B	0.0000	0.532	0.1	0.00	0.0584	0.66	0.0772	4.65	5.31
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.532	0.1	0.00	0.0584	0.01	0.0772	0.06	0.07
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0584	0.77	0.0772	0.10	0.86
East Anglia One	0.0000	0.532	0.1	0.00	0.0584	0.61	0.0772	0.53	1.14
East Anglia One North	0.0000	0.532	0.1	0.00	0.0584	0.08	0.0772	0.30	0.39
East Anglia Three	0.0000	0.532	0.1	0.00	0.0584	1.80	0.0772	0.91	2.71
East Anglia Two	0.0000	0.532	0.1	0.00	0.0584	0.07	0.0772	0.21	0.28

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Erebus	0.0000	0.532	0.1	0.00	0.0177	0.32	0.0351	0.16	0.48
Five Estuaries	0.0000	0.532	0.1	0.00	0.0584	0.13	0.0772	0.40	0.52
Galloper	0.0000	0.532	0.1	0.00	0.0584	0.21	0.0772	0.48	0.69
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0584	0.23	0.0772	0.38	0.60
Green Volt	0.1760	0.532	0.1	(0.14)*	0.0584	(0.08)*	0.0772	(0.06)*	(0.27)*
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0177	0.01	0.0351	0.02	0.03
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0584	16.55	0.0772	0.53	17.09
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0584	0.76	0.0772	1.37	2.13
Hornsea Three	0.0000	0.532	0.1	0.00	0.0584	1.34	0.0772	2.64	3.98
Hornsea Four	0.0000	0.532	0.1	0.00	0.0584	1.90	0.0772	1.83	3.72
Humber Gateway	0.0000	0.532	0.1	0.00	0.0584	0.01	0.0772	0.02	0.02
Hywind	0.3330	0.532	0.1	0.16	0.0584	0.00	0.0772	0.00	0.16
Inch Cape Offshore Wind Farm	0.0240	0.532	0.1	0.40	0.0584	0.56	0.0772	0.74	1.71
Kincardine	0.0130	0.532	0.1	0.01	0.0584	0.00	0.0772	0.00	0.01
Lynn and Inner Dowsing	0.0000	0.532	0.1	0.00	0.0584	0.01	0.0772	0.01	0.02
Lincs	0.0000	0.532	0.1	0.00	0.0584	0.02	0.0772	0.01	0.03
London Array	0.0000	0.532	0.1	0.00	0.0584	0.08	0.0772	0.09	0.17
Methil Demonstration	0.0160	0.532	0.1	0.01	0.0584	0.00	0.0772	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Llŷr 1	0.0000	0.532	0.1	0.00	0.0177	0.31	0.0351	0.07	0.38
Mona	0.0000	0.532	0.1	0.00	0.0177	0.09	0.0351	0.18	0.27
Mooir Vannin	0.0000	0.532	0.1	0.00	0.0177	0.09	0.0351	0.31	0.40
Moray East	0.8240	0.532	0.1	6.97	0.0584	0.00	0.0772	0.00	6.97
Moray West	0.8570	0.532	0.1	25.48	0.0584	0.77	0.0772	0.75	27.00
Morecambe	0.0000	0.532	0.1	0.00	0.0177	0.27	0.0351	0.10	0.38
Morgan	0.0000	0.532	0.1	0.00	0.0177	0.18	0.0351	0.25	0.43
Muir Mhor	0.0910	0.532	0.1	1.28	0.0584	0.03	0.0772	0.52	1.83
Neart na Gaoithe Offshore Wind Farm	0.0100	0.532	0.1	0.09	0.0584	1.06	0.0772	0.10	1.25
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0584	1.35	0.0772	0.66	2.01
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0584	0.48	0.0772	0.90	1.38
North Falls	0.0000	0.532	0.1	0.00	0.0584	0.25	0.0772	0.59	0.83
North Hoyle	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.01	0.01
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.01	0.01
Ossian	0.0637	0.532	0.1	0.87	0.0584	0.30	0.0772	0.40	1.58
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0584	2.74	0.0772	1.22	3.96
Pentland Floating Offshore Wind Farm	0.0550	0.532	0.1	0.13	0.0177	0.02	0.0351	0.01	0.16

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Race Bank	0.0000	0.532	0.1	0.00	0.0584	0.04	0.0772	0.03	0.08
Rampion	0.0000	0.532	0.1	0.00	0.0584	0.09	0.0772	0.10	0.20
Rampion 2	0.0000	0.532	0.1	0.00	0.0584	0.05	0.0772	0.20	0.25
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.01	0.01
Robin Rigg	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.01	0.01
Salamander	0.0714	0.532	0.1	1.14	0.0584	0.07	0.0772	0.11	1.33
Seagreen Phase 1 Wind Farm	0.0220	0.532	0.1	0.31	0.0584	1.20	0.0772	1.59	3.10
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0584	0.02	0.0772	0.01	0.03
Sheringham Shoal Extension	0.0000	0.532	0.1	0.00	0.0584	0.08	0.0772	0.05	0.13
Teesside	0.0000	0.532	0.1	0.00	0.0584	0.00	0.0772	0.01	0.01
Thanet	0.0000	0.532	0.1	0.00	0.0584	0.02	0.0772	0.01	0.02
Triton Knoll	0.0000	0.532	0.1	0.00	0.0584	0.17	0.0772	0.16	0.33
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0177	0.02	0.0351	0.00	0.02
Walney 1 & 2	0.0000	0.532	0.1	0.00	0.0177	0.01	0.0351	0.03	0.04
Walney Extension	0.0000	0.532	0.1	0.00	0.0177	0.10	0.0351	0.11	0.21
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0177	0.01	0.0351	0.02	0.03
West of Orkney Offshore Wind Farm	0.2109	0.532	0.1	(1.01)*	0.0177	(0.13)*	0.0351	(0.38)*	(1.52)*

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
White Cross	0.0000	0.532	0.1	0.00	0.0177	0.03	0.0351	0.36	0.39
Offshore Project	0.1174	0.3958	0.1	0.01	0.0177	0.03	0.0351	0.21	0.26
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm, Green Volt and West of Orkney Offshore Wind Farm)				47.34	43.60		48.33		139.27

* Impacts are required to be compensated and not included in 'Total Mortality'

Table 1-5 Kittiwake in-combination displacement mortality apportioned to East Caithness Cliffs SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0060	0.532	0.1	0.01	0.0584	0.00	0.0772	0.01	0.01
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0177	0.01	0.0351	0.04	0.05
Barrow	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.00	0.00
Beatrice Offshore Wind Farm	0.9410	0.532	0.1	1.93	0.0584	0.19	0.0772	0.26	2.39

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0310	0.532	0.1	(0.94)*	0.0584	(1.96)*	0.0772	(3.19)*	(6.09)*
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0584	0.13	0.0772	0.17	0.30
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0584	0.02	0.0772	0.08	0.10
Burbo Bank	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.00	0.00
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0177	0.01	0.0351	0.01	0.01
Caledonia Offshore Wind Farm	0.5130	0.532	0.1	1.50	0.0584	0.08	0.0772	0.03	1.61
Cenos	0.1300	0.532	0.1	0.04	0.0584	0.02	0.0772	0.01	0.07
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0584	0.27	0.0772	1.61	1.88
Dogger Bank Creyke Beck B	0.0000	0.532	0.1	0.00	0.0584	0.34	0.0772	1.98	2.32
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0584	1.29	0.0772	2.62	3.91
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0584	0.16	0.0772	1.12	1.29

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside B	0.0000	0.532	0.1	0.00	0.0584	0.22	0.0772	1.55	1.77
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.532	0.1	0.00	0.0584	0.00	0.0772	0.02	0.02
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0584	0.26	0.0772	0.03	0.29
East Anglia One	0.0000	0.532	0.1	0.00	0.0584	0.20	0.0772	0.18	0.38
East Anglia One North	0.0000	0.532	0.1	0.00	0.0584	0.03	0.0772	0.10	0.13
East Anglia Three	0.0000	0.532	0.1	0.00	0.0584	0.60	0.0772	0.30	0.90
East Anglia Two	0.0000	0.532	0.1	0.00	0.0584	0.02	0.0772	0.07	0.09
Erebus	0.0000	0.532	0.1	0.00	0.0177	0.11	0.0351	0.05	0.16
Five Estuaries	0.0000	0.532	0.1	0.00	0.0584	0.04	0.0772	0.13	0.17
Galloper	0.0000	0.532	0.1	0.00	0.0584	0.07	0.0772	0.16	0.23
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0584	0.08	0.0772	0.13	0.20
Green Volt	0.1760	0.532	0.1	(0.05)*	0.0584	(0.03)*	0.0772	(0.02)*	(0.09)*
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.01	0.01
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0584	5.52	0.0772	0.18	5.70
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0584	0.25	0.0772	0.46	0.71
Hornsea Three	0.0000	0.532	0.1	0.00	0.0584	0.45	0.0772	0.88	1.33
Hornsea Four	0.0000	0.532	0.1	0.00	0.0584	0.63	0.0772	0.61	1.24
Humber Gateway	0.0000	0.532	0.1	0.00	0.0584	0.00	0.0772	0.01	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hywind	0.3330	0.532	0.1	0.05	0.0584	0.00	0.0772	0.00	0.05
Inch Cape Offshore Wind Farm	0.0240	0.532	0.1	0.13	0.0584	0.19	0.0772	0.25	0.57
Kincardine	0.0130	0.532	0.1	0.00	0.0584	0.00	0.0772	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.532	0.1	0.00	0.0584	0.00	0.0772	0.00	0.01
Lincs	0.0000	0.532	0.1	0.00	0.0584	0.01	0.0772	0.00	0.01
London Array	0.0000	0.532	0.1	0.00	0.0584	0.03	0.0772	0.03	0.06
Methil Demonstration	0.0160	0.532	0.1	0.00	0.0584	0.00	0.0772	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0177	0.10	0.0351	0.02	0.13
Mona	0.0000	0.532	0.1	0.00	0.0177	0.03	0.0351	0.06	0.09
Moor Vannin	0.0000	0.532	0.1	0.00	0.0177	0.03	0.0351	0.10	0.13
Moray East	0.8240	0.532	0.1	2.32	0.0584	0.00	0.0772	0.00	2.32
Moray West	0.8570	0.532	0.1	8.49	0.0584	0.26	0.0772	0.25	9.00
Morecambe	0.0000	0.532	0.1	0.00	0.0177	0.09	0.0351	0.03	0.13
Morgan	0.0000	0.532	0.1	0.00	0.0177	0.06	0.0351	0.08	0.14
Muir Mhor	0.0910	0.532	0.1	0.43	0.0584	0.01	0.0772	0.17	0.61
Neart na Gaoithe Offshore Wind Farm	0.0100	0.532	0.1	0.03	0.0584	0.35	0.0772	0.03	0.42
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0584	0.45	0.0772	0.22	0.67
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0584	0.16	0.0772	0.30	0.46

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
North Falls	0.0000	0.532	0.1	0.00	0.0584	0.08	0.0772	0.20	0.28
North Hoyle	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.00	0.00
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.00	0.00
Ossian	0.0637	0.532	0.1	0.29	0.0584	0.10	0.0772	0.13	0.53
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0584	0.91	0.0772	0.41	1.32
Pentland Floating Offshore Wind Farm	0.0550	0.532	0.1	0.04	0.0177	0.01	0.0351	0.00	0.05
Race Bank	0.0000	0.532	0.1	0.00	0.0584	0.01	0.0772	0.01	0.03
Rampion	0.0000	0.532	0.1	0.00	0.0584	0.03	0.0772	0.03	0.07
Rampion 2	0.0000	0.532	0.1	0.00	0.0584	0.02	0.0772	0.07	0.08
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.00	0.00
Robin Rigg	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.00	0.00
Salamander	0.0714	0.532	0.1	0.38	0.0584	0.02	0.0772	0.04	0.44
Seagreen Phase 1 Wind Farm	0.0220	0.532	0.1	0.10	0.0584	0.40	0.0772	0.53	1.03
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0584	0.01	0.0772	0.00	0.01
Sheringham Shoal Extension	0.0000	0.532	0.1	0.00	0.0584	0.03	0.0772	0.02	0.04
Teesside	0.0000	0.532	0.1	0.00	0.0584	0.00	0.0772	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0584	0.01	0.0772	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Triton Knoll	0.0000	0.532	0.1	0.00	0.0584	0.06	0.0772	0.05	0.11
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0177	0.01	0.0351	0.00	0.01
Walney 1 & 2	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.01	0.01
Walney Extension	0.0000	0.532	0.1	0.00	0.0177	0.03	0.0351	0.04	0.07
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.01	0.01
West of Orkney Offshore Wind Farm	0.2109	0.532	0.1	(0.34)*	0.0177	(0.04)*	0.0351	(0.13)*	(0.51)*
White Cross	0.0000	0.532	0.1	0.00	0.0177	0.01	0.0351	0.12	0.13
Offshore Project	0.1174	0.3958	0.1	0.00	0.0177	0.01	0.0351	0.07	0.09
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm, Green Volt and West of Orkney Offshore Wind Farm)				15.77	14.53		16.11		46.41

* Impacts are required to be compensated and not included in 'Total Mortality'

Flamborough and Filey Coast SPA

Table 1-6 Kittiwake in-combination displacement mortality apportioned to Flamborough and Filey Coast SPA (NatureScot Upper Approach).

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0544	0.01	0.0719	0.01	0.02
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0165	0.03	0.0326	0.12	0.15
Barrow	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.01	0.01
Beatrice Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0544	0.54	0.0719	0.72	1.26
Berwick Bank Offshore Wind Farm	0.0800	0.532	0.1	(7.29)*	0.0544	(5.48)*	0.0719	(8.91)*	(21.67)*
Blyth Demonstration Project (Phase 1)	0.5370	0.532	0.1	1.37	0.0544	0.36	0.0719	0.48	2.21
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0544	0.05	0.0719	0.22	0.27
Burbo Bank	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.01	0.01
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0165	0.01	0.0326	0.01	0.03

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0544	0.24	0.0719	0.07	0.31
Cenos	0.0000	0.532	0.1	0.14	0.0544	0.05	0.0719	0.03	0.22
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.9310	0.532	0.1	13.95	0.0544	0.75	0.0719	4.49	19.19
Dogger Bank Creyke Beck B	0.9310	0.532	0.1	17.73	0.0544	0.94	0.0719	5.53	24.20
Dogger Bank South	0.9660	0.532	0.1	45.43	0.0544	3.60	0.0719	7.32	56.34
Dogger Bank Teesside A	0.9540	0.532	0.1	7.15	0.0544	0.45	0.0719	3.14	10.74
Dogger Bank Teesside B	0.9540	0.532	0.1	11.10	0.0544	0.61	0.0719	4.33	16.04
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	1.0000	0.532	0.1	0.16	0.0544	0.01	0.0719	0.05	0.22
Dudgeon Extension	1.0000	0.532	0.1	4.98	0.0544	0.71	0.0719	0.09	5.78
East Anglia One	1.0000	0.532	0.1	0.74	0.0544	0.57	0.0719	0.49	1.79
East Anglia One North	1.0000	0.532	0.1	1.00	0.0544	0.08	0.0719	0.28	1.35
East Anglia Three	1.0000	0.532	0.1	1.49	0.0544	1.67	0.0719	0.85	4.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
East Anglia Two	1.0000	0.532	0.1	1.04	0.0544	0.06	0.0719	0.19	1.30
Erebus	0.0000	0.532	0.1	0.00	0.0165	0.30	0.0326	0.15	0.45
Five Estuaries	0.0000	0.532	0.1	0.00	0.0544	0.12	0.0719	0.37	0.49
Galloper	1.0000	0.532	0.1	1.24	0.0544	0.19	0.0719	0.45	1.88
Greater Gabbard	1.0000	0.532	0.1	2.32	0.0544	0.21	0.0719	0.35	2.88
Green Volt	0.0000	0.532	0.1	0.00	0.0544	0.07	0.0719	0.05	0.13
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0165	0.01	0.0326	0.02	0.03
Hornsea Project One	0.9840	0.532	0.1	12.49	0.0544	15.41	0.0719	0.50	28.40
Hornsea Project Two	0.9850	0.532	0.1	12.32	0.0544	0.71	0.0719	1.28	14.31
Hornsea Three	1.0000	0.532	0.1	22.92	0.0544	1.25	0.0719	2.46	26.63
Hornsea Four	0.9860	0.532	0.1	16.02	0.0544	1.77	0.0719	1.70	19.49
Humber Gateway	0.9920	0.532	0.1	0.53	0.0544	0.01	0.0719	0.01	0.55
Hywind	0.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Inch Cape Offshore Wind Farm	0.0290	0.532	0.1	0.48	0.0544	0.52	0.0719	0.69	1.70
Kincardine	0.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Lynn and Inner Dowsing	0.9890	0.532	0.1	0.17	0.0544	0.01	0.0719	0.01	0.19
Lincs	0.9890	0.532	0.1	0.07	0.0544	0.02	0.0719	0.01	0.10
London Array	1.0000	0.532	0.1	0.10	0.0544	0.07	0.0719	0.09	0.26

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0250	0.532	0.1	0.02	0.0544	0.00	0.0719	0.00	0.02
Llŷr 1	0.0000	0.532	0.1	0.00	0.0165	0.29	0.0326	0.06	0.35
Mona	0.0000	0.532	0.1	0.00	0.0165	0.08	0.0326	0.17	0.25
Moor Vannin	0.0000	0.532	0.1	0.00	0.0165	0.08	0.0326	0.29	0.37
Moray East	0.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Moray West	0.0000	0.532	0.1	0.00	0.0544	0.72	0.0719	0.69	1.41
Morecambe	0.0000	0.532	0.1	0.00	0.0165	0.26	0.0326	0.10	0.35
Morgan	0.0000	0.532	0.1	0.00	0.0165	0.17	0.0326	0.23	0.40
Muir Mhor	0.0000	0.532	0.1	0.00	0.0544	0.03	0.0719	0.49	0.51
Neart na Gaoithe Offshore Wind Farm	0.0180	0.532	0.1	0.17	0.0544	0.99	0.0719	0.09	1.24
Norfolk Boreas	1.0000	0.532	0.1	2.48	0.0544	1.26	0.0719	0.61	4.35
Norfolk Vanguard	1.0000	0.532	0.1	2.24	0.0544	0.45	0.0719	0.84	3.52
North Falls	0.4900	0.532	0.1	0.59	0.0544	0.23	0.0719	0.55	1.36
North Hoyle	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.01	0.01
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.01	0.01
Ossian	0.1239	0.532	0.1	1.70	0.0544	0.28	0.0719	0.38	2.35
Outer Dowsing	0.6130	0.532	0.1	13.75	0.0544	2.55	0.0719	1.14	17.44

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0165	0.02	0.0326	0.01	0.03
Race Bank	0.9890	0.532	0.1	0.53	0.0544	0.04	0.0719	0.03	0.61
Rampion	0.0000	0.532	0.1	0.00	0.0544	0.08	0.0719	0.10	0.18
Rampion 2	0.0000	0.532	0.1	0.00	0.0544	0.05	0.0719	0.19	0.23
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.01	0.01
Robin Rigg	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.01	0.01
Salamander	0.0000	0.532	0.1	0.00	0.0544	0.07	0.0719	0.10	0.17
Seagreen Phase 1 Wind Farm	0.0280	0.532	0.1	0.39	0.0544	1.12	0.0719	1.48	2.99
Sheringham Shoal	1.0000	0.532	0.1	0.13	0.0544	0.02	0.0719	0.01	0.15
Sheringham Shoal Extension	1.0000	0.532	0.1	0.82	0.0544	0.07	0.0719	0.05	0.94
Teesside	0.9270	0.532	0.1	0.79	0.0544	0.00	0.0719	0.01	0.80
Thanet	0.0000	0.532	0.1	0.00	0.0544	0.02	0.0719	0.01	0.02
Triton Knoll	0.9920	0.532	0.1	1.24	0.0544	0.16	0.0719	0.15	1.55
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0165	0.02	0.0326	0.00	0.02
Walney 1 & 2	0.0000	0.532	0.1	0.00	0.0165	0.01	0.0326	0.03	0.04
Walney Extension	0.0000	0.532	0.1	0.00	0.0165	0.10	0.0326	0.10	0.19

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0165	0.01	0.0326	0.02	0.03
West of Orkney Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0165	0.12	0.0326	0.36	0.48
White Cross	0.0000	0.532	0.1	0.00	0.0165	0.03	0.0326	0.34	0.37
Offshore Project	0.0000	0.3958	0.1	0.00	0.0165	0.03	0.0326	0.19	0.23
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm)				199.77	40.78		45.40		285.95

* Impacts are required to be compensated and not included in 'Total Mortality'

Table 1-7 Kittiwake in-combination displacement mortality apportioned to Flamborough and Filey Coast SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.01
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0165	0.01	0.0326	0.04	0.05
Barrow	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0544	0.18	0.0719	0.24	0.42
Berwick Bank Offshore Wind Farm	0.0800	0.532	0.1	(2.43)*	0.0544	(1.83)*	0.0719	(2.97)*	(7.22)*
Blyth Demonstration Project (Phase 1)	0.5370	0.532	0.1	0.46	0.0544	0.12	0.0719	0.16	0.74
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0544	0.02	0.0719	0.07	0.09
Burbo Bank	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.00	0.00
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.00	0.01
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0544	0.08	0.0719	0.02	0.10
Cenos	0.0000	0.532	0.1	0.00	0.0544	0.02	0.0719	0.01	0.03
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.9310	0.532	0.1	4.65	0.0544	0.25	0.0719	1.50	6.40
Dogger Bank Creyke Beck B	0.9310	0.532	0.1	5.91	0.0544	0.31	0.0719	1.84	8.07

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank South	0.9660	0.532	0.1	15.14	0.0544	1.20	0.0719	2.44	18.78
Dogger Bank Teesside A	0.9540	0.532	0.1	2.38	0.0544	0.15	0.0719	1.05	3.58
Dogger Bank Teesside B	0.9540	0.532	0.1	3.70	0.0544	0.20	0.0719	1.44	5.35
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	1.0000	0.532	0.1	0.05	0.0544	0.00	0.0719	0.02	0.07
Dudgeon Extension	1.0000	0.532	0.1	1.66	0.0544	0.24	0.0719	0.03	1.93
East Anglia One	1.0000	0.532	0.1	0.25	0.0544	0.19	0.0719	0.16	0.60
East Anglia One North	1.0000	0.532	0.1	0.33	0.0544	0.03	0.0719	0.09	0.45
East Anglia Three	1.0000	0.532	0.1	0.50	0.0544	0.56	0.0719	0.28	1.34
East Anglia Two	1.0000	0.532	0.1	0.35	0.0544	0.02	0.0719	0.06	0.43
Erebus	0.0000	0.532	0.1	0.00	0.0165	0.10	0.0326	0.05	0.15
Five Estuaries	0.0000	0.532	0.1	0.00	0.0544	0.04	0.0719	0.12	0.16
Galloper	1.0000	0.532	0.1	0.41	0.0544	0.06	0.0719	0.15	0.63
Greater Gabbard	1.0000	0.532	0.1	0.77	0.0544	0.07	0.0719	0.12	0.96
Green Volt	0.0000	0.532	0.1	0.00	0.0544	0.02	0.0719	0.02	0.04
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.01	0.01
Hornsea Project One	0.9840	0.532	0.1	4.16	0.0544	5.14	0.0719	0.17	9.47

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Project Two	0.9850	0.532	0.1	4.11	0.0544	0.24	0.0719	0.43	4.77
Hornsea Three	1.0000	0.532	0.1	7.64	0.0544	0.42	0.0719	0.82	8.88
Hornsea Four	0.9860	0.532	0.1	5.34	0.0544	0.59	0.0719	0.57	6.50
Humber Gateway	0.9920	0.532	0.1	0.18	0.0544	0.00	0.0719	0.00	0.18
Hywind	0.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Inch Cape Offshore Wind Farm	0.0290	0.532	0.1	0.16	0.0544	0.17	0.0719	0.23	0.57
Kincardine	0.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Lynn and Inner Dowsing	0.9890	0.532	0.1	0.06	0.0544	0.00	0.0719	0.00	0.06
Lincs	0.9890	0.532	0.1	0.02	0.0544	0.01	0.0719	0.00	0.03
London Array	1.0000	0.532	0.1	0.03	0.0544	0.02	0.0719	0.03	0.09
Methil Demonstration	0.0250	0.532	0.1	0.01	0.0544	0.00	0.0719	0.00	0.01
Llŷr 1	0.0000	0.532	0.1	0.00	0.0165	0.10	0.0326	0.02	0.12
Mona	0.0000	0.532	0.1	0.00	0.0165	0.03	0.0326	0.06	0.08
Moor Vannin	0.0000	0.532	0.1	0.00	0.0165	0.03	0.0326	0.10	0.12
Moray East	0.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Moray West	0.0000	0.532	0.1	0.00	0.0544	0.24	0.0719	0.23	0.47
Morecambe	0.0000	0.532	0.1	0.00	0.0165	0.09	0.0326	0.03	0.12
Morgan	0.0000	0.532	0.1	0.00	0.0165	0.06	0.0326	0.08	0.13
Muir Mhor	0.0000	0.532	0.1	0.00	0.0544	0.01	0.0719	0.16	0.17

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0180	0.532	0.1	0.06	0.0544	0.33	0.0719	0.03	0.41
Norfolk Boreas	1.0000	0.532	0.1	0.83	0.0544	0.42	0.0719	0.20	1.45
Norfolk Vanguard	1.0000	0.532	0.1	0.75	0.0544	0.15	0.0719	0.28	1.17
North Falls	0.4900	0.532	0.1	0.20	0.0544	0.08	0.0719	0.18	0.45
North Hoyle	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.00	0.00
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.00	0.00
Ossian	0.1239	0.532	0.1	0.57	0.0544	0.09	0.0719	0.13	0.78
Outer Dowsing	0.6130	0.532	0.1	4.58	0.0544	0.85	0.0719	0.38	5.81
Pentland Floating Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0165	0.01	0.0326	0.00	0.01
Race Bank	0.9890	0.532	0.1	0.18	0.0544	0.01	0.0719	0.01	0.20
Rampion	0.0000	0.532	0.1	0.00	0.0544	0.03	0.0719	0.03	0.06
Rampion 2	0.0000	0.532	0.1	0.00	0.0544	0.02	0.0719	0.06	0.08
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.00	0.00
Robin Rigg	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.00	0.00
Salamander	0.0000	0.532	0.1	0.00	0.0544	0.02	0.0719	0.03	0.06
Seagreen Phase 1 Wind Farm	0.0280	0.532	0.1	0.13	0.0544	0.37	0.0719	0.49	1.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	1.0000	0.532	0.1	0.04	0.0544	0.01	0.0719	0.00	0.05
Sheringham Shoal Extension	1.0000	0.532	0.1	0.27	0.0544	0.02	0.0719	0.02	0.31
Teesside	0.9270	0.532	0.1	0.26	0.0544	0.00	0.0719	0.00	0.27
Thanet	0.0000	0.532	0.1	0.00	0.0544	0.01	0.0719	0.00	0.01
Triton Knoll	0.9920	0.532	0.1	0.41	0.0544	0.05	0.0719	0.05	0.52
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0165	0.01	0.0326	0.00	0.01
Walney 1 & 2	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.01	0.01
Walney Extension	0.0000	0.532	0.1	0.00	0.0165	0.03	0.0326	0.03	0.06
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.01	0.01
West of Orkney Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0165	0.04	0.0326	0.12	0.16
White Cross	0.0000	0.532	0.1	0.00	0.0165	0.01	0.0326	0.11	0.12
Offshore Project	0.0000	0.3958	0.1	0.00	0.0165	0.01	0.0326	0.06	0.08
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm)				66.54	13.59		15.13		95.27

* Impacts are required to be compensated and not included in 'Total Mortality'

North Caithness Cliffs SPA

Table 1-8 Kittiwake in-combination displacement mortality apportioned to North Caithness Cliffs SPA (NatureScot Upper Approach).

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0010	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.01
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0045	0.01	0.0088	0.03	0.04
Barrow	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Beatrice Offshore Wind Farm	0.0300	0.532	0.1	0.18	0.0147	0.15	0.0194	0.19	0.53
Berwick Bank Offshore Wind Farm	0.0050	0.532	0.1	(0.46)*	0.0147	(1.48)*	0.0194	(2.40)*	(4.34)*
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0147	0.10	0.0194	0.13	0.23
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.06	0.07
Burbo Bank	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0147	0.06	0.0194	0.02	0.08
Cenos	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.01	0.02
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0147	0.20	0.0194	1.21	1.41
Dogger Bank Creyke Beck B	0.0000	0.532	0.1	0.00	0.0147	0.25	0.0194	1.49	1.75
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0147	0.97	0.0194	1.97	2.95
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0147	0.12	0.0194	0.85	0.97
Dogger Bank Teesside B	0.0000	0.532	0.1	0.00	0.0147	0.17	0.0194	1.17	1.33
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.01	0.02
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0147	0.19	0.0194	0.02	0.22
East Anglia One	0.0000	0.532	0.1	0.00	0.0147	0.15	0.0194	0.13	0.29
East Anglia One North	0.0000	0.532	0.1	0.00	0.0147	0.02	0.0194	0.08	0.10
East Anglia Three	0.0000	0.532	0.1	0.00	0.0147	0.45	0.0194	0.23	0.68

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
East Anglia Two	0.0000	0.532	0.1	0.00	0.0147	0.02	0.0194	0.05	0.07
Erebus	0.0000	0.532	0.1	0.00	0.0045	0.08	0.0088	0.04	0.12
Five Estuaries	0.0000	0.532	0.1	0.00	0.0147	0.03	0.0194	0.10	0.13
Galloper	0.0000	0.532	0.1	0.00	0.0147	0.05	0.0194	0.12	0.17
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0147	0.06	0.0194	0.09	0.15
Green Volt	0.0350	0.532	0.1	0.03	0.0147	0.02	0.0194	0.01	0.06
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.01	0.01
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0147	4.16	0.0194	0.13	4.29
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0147	0.19	0.0194	0.34	0.54
Hornsea Three	0.0000	0.532	0.1	0.00	0.0147	0.34	0.0194	0.66	1.00
Hornsea Four	0.0000	0.532	0.1	0.00	0.0147	0.48	0.0194	0.46	0.94
Humber Gateway	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.01
Hywind	0.0730	0.532	0.1	0.04	0.0147	0.00	0.0194	0.00	0.04
Inch Cape Offshore Wind Farm	0.0040	0.532	0.1	0.07	0.0147	0.14	0.0194	0.19	0.39
Kincardine	0.0020	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Lincs	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.01
London Array	0.0000	0.532	0.1	0.00	0.0147	0.02	0.0194	0.02	0.04

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0020	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0045	0.08	0.0088	0.02	0.09
Mona	0.0000	0.532	0.1	0.00	0.0045	0.02	0.0088	0.05	0.07
Moor Vannin	0.0000	0.532	0.1	0.00	0.0045	0.02	0.0088	0.08	0.10
Moray East	0.0680	0.532	0.1	0.58	0.0147	0.00	0.0194	0.00	0.58
Moray West	0.0430	0.532	0.1	1.28	0.0147	0.19	0.0194	0.19	1.66
Morecambe	0.0000	0.532	0.1	0.00	0.0045	0.07	0.0088	0.03	0.09
Morgan	0.0000	0.532	0.1	0.00	0.0045	0.05	0.0088	0.06	0.11
Muir Mhor	0.0680	0.532	0.1	0.95	0.0147	0.01	0.0194	0.13	1.09
Neart na Gaoithe Offshore Wind Farm	0.0020	0.532	0.1	0.02	0.0147	0.27	0.0194	0.02	0.31
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0147	0.34	0.0194	0.17	0.51
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0147	0.12	0.0194	0.23	0.35
North Falls	0.0000	0.532	0.1	0.00	0.0147	0.06	0.0194	0.15	0.21
North Hoyle	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Ossian	0.0016	0.532	0.1	0.02	0.0147	0.07	0.0194	0.10	0.20
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0147	0.69	0.0194	0.31	1.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.9190	0.532	0.1	2.16	0.0045	0.00	0.0088	0.00	2.17
Race Bank	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.01	0.02
Rampion	0.0000	0.532	0.1	0.00	0.0147	0.02	0.0194	0.03	0.05
Rampion 2	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.05	0.06
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Robin Rigg	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Salamander	0.0107	0.532	0.1	0.17	0.0147	0.02	0.0194	0.03	0.22
Seagreen Phase 1 Wind Farm	0.0040	0.532	0.1	0.06	0.0147	0.30	0.0194	0.40	0.76
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.00	0.01
Sheringham Shoal Extension	0.0000	0.532	0.1	0.00	0.0147	0.02	0.0194	0.01	0.03
Teesside	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.01
Triton Knoll	0.0000	0.532	0.1	0.00	0.0147	0.04	0.0194	0.04	0.08
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Walney 1 & 2	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.01	0.01
Walney Extension	0.0000	0.532	0.1	0.00	0.0045	0.03	0.0088	0.03	0.05
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.01	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Orkney Offshore Wind Farm	0.3360	0.532	0.1	(1.61)*	0.0045	(0.03)*	0.0088	(0.10)*	(1.74)*
White Cross	0.0000	0.532	0.1	0.00	0.0045	0.01	0.0088	0.09	0.10
Offshore Project	0.0535	0.3958	0.1	0.01	0.0045	0.01	0.0088	0.05	0.07
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm and West of Orkney Offshore Wind Farm)				5.56	10.97		12.15		28.69

* Impacts are required to be compensated and not included in 'Total Mortality'

Table 1-9 Kittiwake in-combination displacement mortality apportioned to North Caithness Cliffs SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0010	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.01	0.01
Barrow	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice Offshore Wind Farm	0.0300	0.532	0.1	0.06	0.0147	0.05	0.0194	0.06	0.18
Berwick Bank Offshore Wind Farm	0.0050	0.532	0.1	0.15	0.0147	0.49	0.0194	0.80	1.45
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0147	0.03	0.0194	0.04	0.08
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.02	0.02
Burbo Bank	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0147	0.02	0.0194	0.01	0.03
Cenos	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.01
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0147	0.07	0.0194	0.40	0.47
Dogger Bank Creyke Beck B	0.0000	0.532	0.1	0.00	0.0147	0.08	0.0194	0.50	0.58

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0147	0.32	0.0194	0.66	0.98
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0147	0.04	0.0194	0.28	0.32
Dogger Bank Teesside B	0.0000	0.532	0.1	0.00	0.0147	0.06	0.0194	0.39	0.44
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.01
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0147	0.06	0.0194	0.01	0.07
East Anglia One	0.0000	0.532	0.1	0.00	0.0147	0.05	0.0194	0.04	0.10
East Anglia One North	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.03	0.03
East Anglia Three	0.0000	0.532	0.1	0.00	0.0147	0.15	0.0194	0.08	0.23
East Anglia Two	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.02	0.02
Erebus	0.0000	0.532	0.1	0.00	0.0045	0.03	0.0088	0.01	0.04
Five Estuaries	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.03	0.04
Galloper	0.0000	0.532	0.1	0.00	0.0147	0.02	0.0194	0.04	0.06
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0147	0.02	0.0194	0.03	0.05
Green Volt	0.0350	0.532	0.1	0.01	0.0147	0.01	0.0194	0.00	0.02
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0147	1.39	0.0194	0.04	1.43

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0147	0.06	0.0194	0.11	0.18
Hornsea Three	0.0000	0.532	0.1	0.00	0.0147	0.11	0.0194	0.22	0.33
Hornsea Four	0.0000	0.532	0.1	0.00	0.0147	0.16	0.0194	0.15	0.31
Humber Gateway	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Hywind	0.0730	0.532	0.1	0.01	0.0147	0.00	0.0194	0.00	0.01
Inch Cape Offshore Wind Farm	0.0040	0.532	0.1	0.02	0.0147	0.05	0.0194	0.06	0.13
Kincardine	0.0020	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Lincs	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
London Array	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.01	0.01
Methil Demonstration	0.0020	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0045	0.03	0.0088	0.01	0.03
Mona	0.0000	0.532	0.1	0.00	0.0045	0.01	0.0088	0.02	0.02
Moor Vannin	0.0000	0.532	0.1	0.00	0.0045	0.01	0.0088	0.03	0.03
Moray East	0.0680	0.532	0.1	0.19	0.0147	0.00	0.0194	0.00	0.19
Moray West	0.0430	0.532	0.1	0.43	0.0147	0.06	0.0194	0.06	0.55
Morecambe	0.0000	0.532	0.1	0.00	0.0045	0.02	0.0088	0.01	0.03
Morgan	0.0000	0.532	0.1	0.00	0.0045	0.02	0.0088	0.02	0.04
Muir Mhor	0.0680	0.532	0.1	0.32	0.0147	0.00	0.0194	0.04	0.36

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0020	0.532	0.1	0.01	0.0147	0.09	0.0194	0.01	0.10
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0147	0.11	0.0194	0.06	0.17
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0147	0.04	0.0194	0.08	0.12
North Falls	0.0000	0.532	0.1	0.00	0.0147	0.02	0.0194	0.05	0.07
North Hoyle	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Ossian	0.0016	0.532	0.1	0.01	0.0147	0.02	0.0194	0.03	0.07
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0147	0.23	0.0194	0.10	0.33
Pentland Floating Offshore Wind Farm	0.9190	0.532	0.1	0.72	0.0045	0.00	0.0088	0.00	0.72
Race Bank	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.01
Rampion	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.01	0.02
Rampion 2	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.02	0.02
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Robin Rigg	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Salamander	0.0107	0.532	0.1	0.06	0.0147	0.01	0.0194	0.01	0.07
Seagreen Phase 1 Wind Farm	0.0040	0.532	0.1	0.02	0.0147	0.10	0.0194	0.13	0.25

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Sheringham Shoal Extension	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.00	0.01
Teesside	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Triton Knoll	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.01	0.03
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Walney 1 & 2	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Walney Extension	0.0000	0.532	0.1	0.00	0.0045	0.01	0.0088	0.01	0.02
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
West of Orkney Offshore Wind Farm	0.3360	0.532	0.1	0.54	0.0045	0.01	0.0088	0.03	0.58
White Cross	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.03	0.03
Offshore Project	0.0535	0.3958	0.1	0.00	0.0045	0.00	0.0088	0.02	0.02
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm and West of Orkney Offshore Wind Farm)				1.85	3.66		4.05		9.56

* Impacts are required to be compensated and not included in 'Total Mortality'

North Colonsay and Western Cliffs SPA

Table 1-10 Kittiwake in-combination displacement mortality apportioned to North Colonsay and Western Cliffs SPA (NatureScot Upper Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.05	0.06
Barrow	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Beatrice Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0040	0.532	0.1	0.36	0.0001	0.01	0.0002	0.02	0.40
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Burbo Bank	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.01	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Cenos	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.01	0.01
Dogger Bank Creyke Beck B	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.01	0.02
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0001	0.01	0.0002	0.02	0.03
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.01	0.01
Dogger Bank Teesside B	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.01	0.01
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
East Anglia One	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
East Anglia One North	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
East Anglia Three	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
East Anglia Two	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Erebus	0.0000	0.532	0.1	0.00	0.0073	0.13	0.0129	0.06	0.19
Five Estuaries	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Galloper	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Green Volt	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.01	0.01
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0001	0.04	0.0002	0.00	0.04
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Hornsea Three	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.01	0.01
Hornsea Four	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.01
Humber Gateway	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Hywind	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Inch Cape Offshore Wind Farm	0.0030	0.532	0.1	0.05	0.0001	0.00	0.0002	0.00	0.05
Kincardine	0.0010	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Lincs	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
London Array	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0040	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0073	0.13	0.0129	0.02	0.15
Mona	0.0080	0.532	0.1	0.03	0.0073	0.04	0.0129	0.07	0.13
Moor Vannin	0.0200	0.532	0.1	0.05	0.0073	0.04	0.0129	0.11	0.20
Moray East	0.0010	0.532	0.1	0.01	0.0001	0.00	0.0002	0.00	0.01
Moray West	0.0010	0.532	0.1	0.03	0.0001	0.00	0.0002	0.00	0.03
Morecambe	0.0000	0.532	0.1	0.00	0.0073	0.11	0.0129	0.04	0.15
Morgan	0.0000	0.532	0.1	0.00	0.0073	0.08	0.0129	0.09	0.17
Muir Mhor	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0020	0.532	0.1	0.02	0.0001	0.00	0.0002	0.00	0.02
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
North Falls	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
North Hoyle	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0100	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Ossian	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0001	0.01	0.0002	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.00	0.01
Race Bank	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Rampion	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Rampion 2	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Robin Rigg	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.01
Salamander	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Seagreen Phase 1 Wind Farm	0.0020	0.532	0.1	0.03	0.0001	0.00	0.0002	0.00	0.03
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Sheringham Shoal Extension	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Teesside	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Triton Knoll	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.00	0.01
Walney 1 & 2	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.01	0.02
Walney Extension	0.0000	0.532	0.1	0.00	0.0073	0.04	0.0129	0.04	0.08

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.01	0.01
West of Orkney Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0073	0.05	0.0129	0.14	0.19
White Cross	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.13	0.15
Offshore Project	0.0210	0.3958	0.1	0.00	0.0073	0.01	0.0129	0.08	0.09
Total mortality (with Berwick Bank Offshore Wind Farm)				0.58	0.81		1.01		2.41
Total mortality (without Berwick Bank Offshore Wind Farm)				0.22	0.80		0.99		2.01

Table 1-11 Kittiwake in-combination displacement mortality apportioned to North Colonsay and Western Cliffs SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.02	0.02
Barrow	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0040	0.532	0.1	0.12	0.0001	0.00	0.0002	0.01	0.13
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Burbo Bank	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Cenos	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Croyke Beck A	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Dogger Bank Croyke Beck B	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.01	0.01
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Dogger Bank Teesside B	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
East Anglia One	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
East Anglia One North	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
East Anglia Three	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
East Anglia Two	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Erebus	0.0000	0.532	0.1	0.00	0.0073	0.04	0.0129	0.02	0.06
Five Estuaries	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Galloper	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Green Volt	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0001	0.01	0.0002	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Hornsea Three	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Hornsea Four	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Humber Gateway	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Hywind	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Inch Cape Offshore Wind Farm	0.0030	0.532	0.1	0.02	0.0001	0.00	0.0002	0.00	0.02
Kincardine	0.0010	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Lincs	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
London Array	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Methil Demonstration	0.0040	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0073	0.04	0.0129	0.01	0.05
Mona	0.0080	0.532	0.1	0.01	0.0073	0.01	0.0129	0.02	0.04
Moor Vannin	0.0200	0.532	0.1	0.02	0.0073	0.01	0.0129	0.04	0.07
Moray East	0.0010	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Moray West	0.0010	0.532	0.1	0.01	0.0001	0.00	0.0002	0.00	0.01
Morecambe	0.0000	0.532	0.1	0.00	0.0073	0.04	0.0129	0.01	0.05
Morgan	0.0000	0.532	0.1	0.00	0.0073	0.03	0.0129	0.03	0.06
Muir Mhor	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0020	0.532	0.1	0.01	0.0001	0.00	0.0002	0.00	0.01
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
North Falls	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
North Hoyle	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0100	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Ossian	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Race Bank	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Rampion	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Rampion 2	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Robin Rigg	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Salamander	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Seagreen Phase 1 Wind Farm	0.0020	0.532	0.1	0.01	0.0001	0.00	0.0002	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Sheringham Shoal Extension	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Teesside	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Triton Knoll	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Walney 1 & 2	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.01
Walney Extension	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.01	0.03
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0073	0.02	0.0129	0.05	0.06
White Cross	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.04	0.05
Offshore Project	0.0210	0.3958	0.1	0.00	0.0073	0.00	0.0129	0.03	0.03
Total mortality (with Berwick Bank Offshore Wind Farm)				0.19	0.27		0.34		0.80
Total mortality (without Berwick Bank Offshore Wind Farm)				0.07	0.27		0.33		0.67

Rathlin Island SPA

Table 1-12 Kittiwake in-combination displacement mortality apportioned to Rathlin Island SPA (NatureScot Upper Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0104	0.02	0.0183	0.07	0.09
Barrow	0.0400	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.01
Beatrice Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.02	0.0003	0.03	0.05
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Burbo Bank	0.0200	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.01
Burbo Bank Extension	0.0200	0.532	0.1	0.04	0.0104	0.01	0.0183	0.01	0.06

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Cenos	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Codling Wind Park	0.0275	0.532	0.1	0.08	0.0000	0.00	0.0000	0.00	0.08
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.02	0.02
Dogger Bank Creyke Beck B	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.02	0.02
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.03	0.04
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Dogger Bank Teesside B	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.02	0.02
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia One	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia One North	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia Three	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
East Anglia Two	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Erebus	0.0000	0.532	0.1	0.00	0.0104	0.19	0.0183	0.08	0.27
Five Estuaries	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Galloper	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Green Volt	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Gwynt y Mor	0.0200	0.532	0.1	0.00	0.0104	0.01	0.0183	0.01	0.02
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0002	0.05	0.0003	0.00	0.06
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Hornsea Three	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Hornsea Four	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.01	0.01
Humber Gateway	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hywind	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Kincardine	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Lincs	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
London Array	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0104	0.18	0.0183	0.03	0.22
Mona	0.0490	0.532	0.1	0.15	0.0104	0.05	0.0183	0.09	0.30
Moor Vannin	0.0950	0.532	0.1	0.23	0.0104	0.05	0.0183	0.16	0.45
Moray East	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Moray West	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Morecambe	0.0000	0.532	0.1	0.00	0.0104	0.16	0.0183	0.05	0.21
Morgan	0.0670	0.532	0.1	0.15	0.0104	0.11	0.0183	0.13	0.38
Muir Mhor	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
North Falls	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
North Hoyle	0.0200	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.01
North Irish Sea Array	0.0300	0.532	0.1	0.07	0.0000	0.00	0.0000	0.00	0.07
Oriel	0.1100	0.532	0.1	0.05	0.0000	0.00	0.0000	0.00	0.05
Ormonde	0.0400	0.532	0.1	0.01	0.0104	0.00	0.0183	0.00	0.02
Ossian	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0104	0.01	0.0183	0.01	0.02
Race Bank	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Rampion	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Rampion 2	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Rhyl Flats	0.0200	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.01
Robin Rigg	0.0400	0.532	0.1	0.03	0.0104	0.00	0.0183	0.00	0.04
Salamander	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Seagreen Phase 1 Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Sheringham Shoal Extension	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Teesside	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Triton Knoll	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0104	0.01	0.0183	0.00	0.01
Walney 1 & 2	0.0400	0.532	0.1	0.01	0.0104	0.01	0.0183	0.02	0.03
Walney Extension	0.0400	0.532	0.1	0.03	0.0104	0.06	0.0183	0.06	0.14

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Duddon Sands	0.0400	0.532	0.1	0.08	0.0104	0.01	0.0183	0.01	0.10
West of Orkney Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0104	0.07	0.0183	0.20	0.28
White Cross	0.0000	0.532	0.1	0.00	0.0104	0.02	0.0183	0.19	0.21
Offshore Project	0.0000	0.3958	0.1	0.00	0.0104	0.02	0.0183	0.11	0.13
Total mortality (with Berwick Bank Offshore Wind Farm)				0.93	1.16		1.44		3.53
Total mortality (without Berwick Bank Offshore Wind Farm)				0.93	1.14		1.41		3.48

Table 1-13 Kittiwake in-combination displacement mortality apportioned to Rathlin Island SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0104	0.01	0.0183	0.02	0.03
Barrow	0.0400	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.01	0.02
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Burbo Bank	0.0200	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.00
Burbo Bank Extension	0.0200	0.532	0.1	0.01	0.0104	0.00	0.0183	0.00	0.02
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Cenos	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Codling Wind Park	0.0275	0.532	0.1	0.03	0.0000	0.00	0.0000	0.00	0.03
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Dogger Bank Creyke Beck B	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Dogger Bank Teesside B	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia One	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia One North	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia Three	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia Two	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Erebus	0.0000	0.532	0.1	0.00	0.0104	0.06	0.0183	0.03	0.09
Five Estuaries	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Galloper	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Green Volt	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Gwynt y Mor	0.0200	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.01
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0002	0.02	0.0003	0.00	0.02

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hornsea Three	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hornsea Four	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Humber Gateway	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hywind	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Kincardine	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Lincs	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
London Array	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Methil Demonstration	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0104	0.06	0.0183	0.01	0.07
Mona	0.0490	0.532	0.1	0.05	0.0104	0.02	0.0183	0.03	0.10
Moor Vannin	0.0950	0.532	0.1	0.08	0.0104	0.02	0.0183	0.05	0.15
Moray East	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Moray West	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Morecambe	0.0000	0.532	0.1	0.00	0.0104	0.05	0.0183	0.02	0.07
Morgan	0.0670	0.532	0.1	0.05	0.0104	0.04	0.0183	0.04	0.13
Muir Mhor	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
North Falls	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
North Hoyle	0.0200	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.00
North Irish Sea Array	0.0300	0.532	0.1	0.02	0.0000	0.00	0.0000	0.00	0.02
Oriel	0.1100	0.532	0.1	0.02	0.0000	0.00	0.0000	0.00	0.02
Ormonde	0.0400	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.01
Ossian	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.01
Race Bank	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Rampion	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Rampion 2	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Rhyl Flats	0.0200	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.00
Robin Rigg	0.0400	0.532	0.1	0.01	0.0104	0.00	0.0183	0.00	0.01
Salamander	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Seagreen Phase 1 Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Sheringham Shoal Extension	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Teesside	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Triton Knoll	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.00
Walney 1 & 2	0.0400	0.532	0.1	0.00	0.0104	0.00	0.0183	0.01	0.01
Walney Extension	0.0400	0.532	0.1	0.01	0.0104	0.02	0.0183	0.02	0.05
West of Duddon Sands	0.0400	0.532	0.1	0.03	0.0104	0.00	0.0183	0.00	0.03
West of Orkney Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0104	0.02	0.0183	0.07	0.09
White Cross	0.0000	0.532	0.1	0.00	0.0104	0.01	0.0183	0.06	0.07
Offshore Project	0.0000	0.3958	0.1	0.00	0.0104	0.01	0.0183	0.04	0.04
Total mortality (with Berwick Bank Offshore Wind Farm)				0.31	0.39		0.48		1.18
Total mortality (without Berwick Bank Offshore Wind Farm)				0.31	0.38		0.47		1.16

West Westray SPA

Table 1-14 Kittiwake in-combination displacement mortality apportioned to West Westray SPA (NatureScot Upper Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.01
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0053	0.01	0.0105	0.04	0.05
Barrow	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Beatrice Offshore Wind Farm	0.0010	0.532	0.1	0.01	0.0174	0.17	0.0230	0.23	0.41
Berwick Bank Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	1.76	0.0230	2.85	4.61
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0174	0.12	0.0230	0.15	0.27
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.07	0.09
Burbo Bank	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	0.08	0.0230	0.02	0.10
Cenos	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.01	0.03
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0174	0.24	0.0230	1.44	1.68
Dogger Bank Creyke Beck B	0.0000	0.532	0.1	0.00	0.0174	0.30	0.0230	1.77	2.07
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0174	1.15	0.0230	2.34	3.50
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0174	0.15	0.0230	1.01	1.15
Dogger Bank Teesside B	0.0000	0.532	0.1	0.00	0.0174	0.20	0.0230	1.39	1.58
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.02	0.02
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0174	0.23	0.0230	0.03	0.26
East Anglia One	0.0000	0.532	0.1	0.00	0.0174	0.18	0.0230	0.16	0.34
East Anglia One North	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.09	0.12
East Anglia Three	0.0000	0.532	0.1	0.00	0.0174	0.54	0.0230	0.27	0.81

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
East Anglia Two	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.06	0.08
Erebus	0.0000	0.532	0.1	0.00	0.0053	0.10	0.0105	0.05	0.14
Five Estuaries	0.0000	0.532	0.1	0.00	0.0174	0.04	0.0230	0.12	0.16
Galloper	0.0000	0.532	0.1	0.00	0.0174	0.06	0.0230	0.14	0.21
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0174	0.07	0.0230	0.11	0.18
Green Volt	0.0110	0.532	0.1	0.01	0.0174	0.02	0.0230	0.02	0.05
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.01	0.01
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0174	4.94	0.0230	0.16	5.10
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0174	0.23	0.0230	0.41	0.64
Hornsea Three	0.0000	0.532	0.1	0.00	0.0174	0.40	0.0230	0.79	1.19
Hornsea Four	0.0000	0.532	0.1	0.00	0.0174	0.57	0.0230	0.54	1.11
Humber Gateway	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.01
Hywind	0.0230	0.532	0.1	0.01	0.0174	0.00	0.0230	0.00	0.01
Inch Cape Offshore Wind Farm	0.0010	0.532	0.1	0.02	0.0174	0.17	0.0230	0.22	0.41
Kincardine	0.0010	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.01
Lincs	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.00	0.01
London Array	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.03	0.05

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0053	0.09	0.0105	0.02	0.11
Mona	0.0000	0.532	0.1	0.00	0.0053	0.03	0.0105	0.05	0.08
Moor Vannin	0.0000	0.532	0.1	0.00	0.0053	0.03	0.0105	0.09	0.12
Moray East	0.0040	0.532	0.1	0.03	0.0174	0.00	0.0230	0.00	0.03
Moray West	0.0030	0.532	0.1	0.09	0.0174	0.23	0.0230	0.22	0.54
Morecambe	0.0000	0.532	0.1	0.00	0.0053	0.08	0.0105	0.03	0.11
Morgan	0.0000	0.532	0.1	0.00	0.0053	0.05	0.0105	0.07	0.13
Muir Mhor	0.0040	0.532	0.1	0.06	0.0174	0.01	0.0230	0.16	0.22
Neart na Gaoithe Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	0.32	0.0230	0.03	0.35
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0174	0.40	0.0230	0.20	0.60
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0174	0.14	0.0230	0.27	0.41
North Falls	0.0000	0.532	0.1	0.00	0.0174	0.07	0.0230	0.18	0.25
North Hoyle	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Ossian	0.0000	0.532	0.1	0.00	0.0174	0.09	0.0230	0.12	0.21
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0174	0.82	0.0230	0.36	1.18

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.0020	0.532	0.1	0.00	0.0053	0.01	0.0105	0.00	0.01
Race Bank	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.01	0.02
Rampion	0.0000	0.532	0.1	0.00	0.0174	0.03	0.0230	0.03	0.06
Rampion 2	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.06	0.07
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Robin Rigg	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Salamander	0.0033	0.532	0.1	0.05	0.0174	0.02	0.0230	0.03	0.11
Seagreen Phase 1 Wind Farm	0.0033	0.532	0.1	0.05	0.0174	0.36	0.0230	0.47	0.88
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.00	0.01
Sheringham Shoal Extension	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.02	0.04
Teesside	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.00	0.01
Triton Knoll	0.0000	0.532	0.1	0.00	0.0174	0.05	0.0230	0.05	0.10
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0053	0.01	0.0105	0.00	0.01
Walney 1 & 2	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.01	0.01
Walney Extension	0.0000	0.532	0.1	0.00	0.0053	0.03	0.0105	0.03	0.06

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.01	0.01
West of Orkney Offshore Wind Farm	0.0345	0.532	0.1	0.17	0.0053	0.04	0.0105	0.11	0.32
White Cross	0.0000	0.532	0.1	0.00	0.0053	0.01	0.0105	0.11	0.12
Offshore Project	0.0148	0.3958	0.1	0.00	0.0053	0.01	0.0105	0.06	0.07
Total mortality (with Berwick Bank Offshore Wind Farm)				0.49	14.82		17.40		32.72
Total mortality (without Berwick Bank Offshore Wind Farm)				0.49	13.07		14.55		28.11

Table 1-15 Kittiwake in-combination displacement mortality apportioned to West Westray SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.01	0.02
Barrow	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice Offshore Wind Farm	0.0010	0.532	0.1	0.00	0.0174	0.06	0.0230	0.08	0.14
Berwick Bank Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	0.59	0.0230	0.95	1.54
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0174	0.04	0.0230	0.05	0.09
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.02	0.03
Burbo Bank	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	0.03	0.0230	0.01	0.03
Cenos	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.00	0.01
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0174	0.08	0.0230	0.48	0.56
Dogger Bank Creyke Beck B	0.0000	0.532	0.1	0.00	0.0174	0.10	0.0230	0.59	0.69

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0174	0.38	0.0230	0.78	1.17
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0174	0.05	0.0230	0.34	0.38
Dogger Bank Teesside B	0.0000	0.532	0.1	0.00	0.0174	0.07	0.0230	0.46	0.53
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.01	0.01
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0174	0.08	0.0230	0.01	0.09
East Anglia One	0.0000	0.532	0.1	0.00	0.0174	0.06	0.0230	0.05	0.11
East Anglia One North	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.03	0.04
East Anglia Three	0.0000	0.532	0.1	0.00	0.0174	0.18	0.0230	0.09	0.27
East Anglia Two	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.02	0.03
Erebus	0.0000	0.532	0.1	0.00	0.0053	0.03	0.0105	0.02	0.05
Five Estuaries	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.04	0.05
Galloper	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.05	0.07
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.04	0.06
Green Volt	0.0110	0.532	0.1	0.00	0.0174	0.01	0.0230	0.01	0.02
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0174	1.65	0.0230	0.05	1.70

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0174	0.08	0.0230	0.14	0.21
Hornsea Three	0.0000	0.532	0.1	0.00	0.0174	0.13	0.0230	0.26	0.40
Hornsea Four	0.0000	0.532	0.1	0.00	0.0174	0.19	0.0230	0.18	0.37
Humber Gateway	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Hywind	0.0230	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Inch Cape Offshore Wind Farm	0.0010	0.532	0.1	0.01	0.0174	0.06	0.0230	0.07	0.14
Kincardine	0.0010	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Lincs	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
London Array	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.01	0.02
Methil Demonstration	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0053	0.03	0.0105	0.01	0.04
Mona	0.0000	0.532	0.1	0.00	0.0053	0.01	0.0105	0.02	0.03
Moor Vannin	0.0000	0.532	0.1	0.00	0.0053	0.01	0.0105	0.03	0.04
Moray East	0.0040	0.532	0.1	0.01	0.0174	0.00	0.0230	0.00	0.01
Moray West	0.0030	0.532	0.1	0.03	0.0174	0.08	0.0230	0.07	0.18
Morecambe	0.0000	0.532	0.1	0.00	0.0053	0.03	0.0105	0.01	0.04
Morgan	0.0000	0.532	0.1	0.00	0.0053	0.02	0.0105	0.02	0.04
Muir Mhor	0.0040	0.532	0.1	0.02	0.0174	0.00	0.0230	0.05	0.07

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	0.11	0.0230	0.01	0.12
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0174	0.13	0.0230	0.07	0.20
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0174	0.05	0.0230	0.09	0.14
North Falls	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.06	0.08
North Hoyle	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Ossian	0.0000	0.532	0.1	0.00	0.0174	0.03	0.0230	0.04	0.07
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0174	0.27	0.0230	0.12	0.39
Pentland Floating Offshore Wind Farm	0.0020	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Race Bank	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.01
Rampion	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.01	0.02
Rampion 2	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.02	0.02
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Robin Rigg	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Salamander	0.0033	0.532	0.1	0.02	0.0174	0.01	0.0230	0.01	0.04
Seagreen Phase 1 Wind Farm	0.0033	0.532	0.1	0.02	0.0174	0.12	0.0230	0.16	0.29

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Sheringham Shoal Extension	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.01	0.01
Teesside	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Triton Knoll	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.02	0.03
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Walney 1 & 2	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Walney Extension	0.0000	0.532	0.1	0.00	0.0053	0.01	0.0105	0.01	0.02
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
West of Orkney Offshore Wind Farm	0.0345	0.532	0.1	0.06	0.0053	0.01	0.0105	0.04	0.11
White Cross	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.04	0.04
Offshore Project	0.0148	0.3958	0.1	0.00	0.0053	0.00	0.0105	0.02	0.02
Total mortality (with Berwick Bank Offshore Wind Farm)				0.16	4.94		5.80		10.91
Total mortality (without Berwick Bank Offshore Wind Farm)				0.16	4.36		4.85		9.37

1.2.2 GUILLEMOT

Table 1-16 Guillemot in-combination displacement mortality calculations

Project	Breeding Season				Non-breeding Season			
	Mean-peak Abundance	Estimated displacement mortality			Mean-peak Abundance	Estimated displacement mortality		
		NatureScot Lower Displacement / Mortality (60% / 3%)	NatureScot Upper Displacement / Mortality (60% / 5%)	Applicant Displacement / Mortality (50% / 1%)		NatureScot Lower Displacement / Mortality (60% / 1%)	NatureScot Upper Displacement / Mortality (60% / 3%)	Applicant Displacement / Mortality (50% / 1%)
Aberdeen Offshore Wind Farm	547	9.85	16.41	2.74	225	1.35	4.05	1.13
Awel y Mor	1,569	28.24	47.07	7.85	2,919	17.51	52.54	14.60
Beatrice Offshore Wind Farm	13,610	244.98	408.30	68.05	2,755	16.53	49.59	13.78
Berwick Bank Offshore Wind Farm	74,154	1,334.77	2,224.62	370.77	44,171	265.03	795.08	220.86
Blyth Demonstration Project (Phase 1)	1,220	21.96	36.60	6.10	1,321	7.93	23.78	6.61
Buchan Offshore Wind Farm	7,932	142.78	237.96	39.66	7,932	47.59	142.78	39.66
Burbo Bank Extension	455	8.20	13.66	2.28	1,562	9.37	28.11	7.81

Project	Breeding Season				Non-breeding Season			
	Mean-peak Abundance	Estimated displacement mortality			Mean-peak Abundance	Estimated displacement mortality		
		NatureScot Lower Displacement / Mortality (60% / 3%)	NatureScot Upper Displacement / Mortality (60% / 5%)	Applicant Displacement / Mortality (50% / 1%)		NatureScot Lower Displacement / Mortality (60% / 1%)	NatureScot Upper Displacement / Mortality (60% / 3%)	Applicant Displacement / Mortality (50% / 1%)
Caledonia Offshore Wind Farm	16,092	289.66	482.76	80.46	6,710	40.26	120.78	33.55
Cenos	2,497	44.95	74.91	12.49	8,319	49.91	149.74	41.60
Dogger Bank Creyke Beck A	11,899	214.17	356.96	59.49	11,650	69.90	209.70	58.25
Dogger Bank Creyke Beck B	17,710	318.77	531.29	88.55	18,160	108.96	326.88	90.80
Dogger Bank South	14,928	268.70	447.83	74.64	19,243	115.46	346.38	96.22
Dogger Bank Teesside A	6,821	122.77	204.62	34.10	5,338	32.03	96.08	26.69
Dogger Bank Teesside B	10,456	188.21	313.68	52.28	8,484	50.90	152.70	42.42
Dudgeon	289	5.21	8.68	1.45	1,022	6.13	18.39	5.11
Dudgeon Extension	3,839	69.10	115.17	19.20	14,887	89.32	267.97	74.44
East Anglia One	1,366	24.58	40.97	6.83	2,905	17.43	52.29	14.52
East Anglia One North	4,183	75.30	125.50	20.92	1,888	11.33	33.99	9.44
East Anglia Three	1,669	30.04	50.07	8.35	2,859	17.15	51.46	14.30

Project	Breeding Season				Non-breeding Season			
	Mean-peak Abundance	Estimated displacement mortality			Mean-peak Abundance	Estimated displacement mortality		
		NatureScot Lower Displacement / Mortality (60% / 3%)	NatureScot Upper Displacement / Mortality (60% / 5%)	Applicant Displacement / Mortality (50% / 1%)		NatureScot Lower Displacement / Mortality (60% / 1%)	NatureScot Upper Displacement / Mortality (60% / 3%)	Applicant Displacement / Mortality (50% / 1%)
East Anglia Two	2,077	37.39	62.31	10.39	1,675	10.05	30.15	8.38
Erebus	7,001	126.02	210.03	35.01	28,338	170.03	510.08	141.69
Five Estuaries	1,201	21.61	36.02	6.00	3,698	22.19	66.56	18.49
Galloper	973	17.52	29.20	4.87	2,471	14.83	44.48	12.36
Greater Gabbard	506	9.11	15.19	2.53	1,383	8.30	24.90	6.92
Green Volt	4,429	79.72	132.87	22.15	16,105	96.63	289.89	80.53
Hornsea Project One	9,063	163.13	271.89	45.31	21,796	130.78	392.33	108.98
Hornsea Project Two	7,735	139.23	232.05	38.68	13,164	78.98	236.95	65.82
Hornsea Three	13,374	240.73	401.22	66.87	17,772	106.63	319.90	88.86
Hornsea Four	9,382	168.88	281.46	46.91	36,965	221.79	665.37	184.83
Humber Gateway	147	2.65	4.42	0.74	111	0.67	2.00	0.56
Hywind	249	4.48	7.47	1.25	2,136	12.82	38.45	10.68
Inch Cape Offshore Wind Farm	4,371	78.68	131.13	21.86	3,177	19.06	57.19	15.89
Kincardine	632	11.38	18.96	3.16	0	0.00	0.00	0.00
Lynn and Inner Dowsing	259	4.66	7.76	1.29	179	1.08	3.23	0.90
Lincs	796	14.32	23.87	3.98	651	3.90	11.71	3.25

Project	Breeding Season				Non-breeding Season			
	Mean-peak Abundance	Estimated displacement mortality			Mean-peak Abundance	Estimated displacement mortality		
		NatureScot Lower Displacement / Mortality (60% / 3%)	NatureScot Upper Displacement / Mortality (60% / 5%)	Applicant Displacement / Mortality (50% / 1%)		NatureScot Lower Displacement / Mortality (60% / 1%)	NatureScot Upper Displacement / Mortality (60% / 3%)	Applicant Displacement / Mortality (50% / 1%)
London Array	134	2.41	4.02	0.67	807	4.84	14.53	4.04
Methil Demonstration	25	0.45	0.75	0.13	0	0.00	0.00	0.00
Llŷr 1	2,026	36.47	60.78	10.13	13,009	78.05	234.16	65.05
Mona	4,220	75.96	126.60	21.10	3,756	22.54	67.61	18.78
Moor Vannin	2,112	38.01	63.35	10.56	2,308	13.85	41.54	11.54
Moray East	9,820	176.76	294.60	49.10	547	3.28	9.85	2.74
Moray West	24,426	439.67	732.78	122.13	38,174	229.04	687.13	190.87
Morecambe	6,374	114.73	191.22	31.87	8,315	49.89	149.67	41.58
Morgan	4,010	72.18	120.30	20.05	3,824	22.94	68.83	19.12
Muir Mhor	13,122	236.20	393.67	65.61	11,863	71.18	213.53	59.31
Neart na Gaoithe Offshore Wind Farm	1,755	31.59	52.65	8.78	3,761	22.57	67.70	18.81
Norfolk Boreas	7,767	139.81	233.01	38.84	13,777	82.66	247.99	68.89
Norfolk Vanguard	4,320	77.76	129.60	21.60	4,776	28.66	85.97	23.88
North Falls	866	15.59	25.98	4.33	5,365	32.19	96.57	26.83
Ormonde		0.00	0.00	0.00	912	5.47	16.42	4.56
Ossian	27,247	490.45	817.41	136.24	48,340	290.04	870.12	241.70
Pentland Floating	1,146	20.63	34.38	5.73	651	3.91	11.72	3.26

Project	Breeding Season				Non-breeding Season			
	Mean-peak Abundance	Estimated displacement mortality			Mean-peak Abundance	Estimated displacement mortality		
		NatureScot Lower Displacement / Mortality (60% / 3%)	NatureScot Upper Displacement / Mortality (60% / 5%)	Applicant Displacement / Mortality (50% / 1%)		NatureScot Lower Displacement / Mortality (60% / 1%)	NatureScot Upper Displacement / Mortality (60% / 3%)	Applicant Displacement / Mortality (50% / 1%)
Offshore Wind Farm								
Race Bank	595	10.71	17.84	2.97	870	5.22	15.67	4.35
Rampion	1,601	28.83	48.04	8.01	2,183	13.10	39.29	10.91
Rampion 2	1,734	31.21	52.02	8.67	5,723	34.34	103.01	28.62
Salamander	11,677	210.19	350.31	58.39	6,084	36.50	109.51	30.42
Seagreen Bravo	11,118	200.12	333.54	55.59	4,112	24.67	74.02	20.56
Seagreen Alpha	13,606	244.91	408.18	68.03	4,688	28.13	84.38	23.44
Sheringham Shoal	57	1.03	1.71	0.28	119	0.71	2.13	0.59
Sheringham Shoal Extension	1,095	19.71	32.85	5.48	1,085	6.51	19.53	5.43
Thanet	498	8.97	14.94	2.49	785	4.71	14.14	3.93
Thistle Wind	24	0.44	0.73	0.12	166	0.99	2.98	0.83
Twinhub (Wave Hub Floating Wind Farm)	1,987	35.77	59.61	9.94	1,890	11.34	34.03	9.45
Walney 1 & 2	39	0.69	1.16	0.19	217	1.30	3.91	1.09
Walney Extension	4,168	75.03	125.05	20.84	1,926	11.56	34.68	9.63
Westermost Rough	4,168	75.03	125.05	20.84	1,926	11.56	34.68	9.63

Project	Breeding Season				Non-breeding Season			
	Mean-peak Abundance	Estimated displacement mortality			Mean-peak Abundance	Estimated displacement mortality		
		NatureScot Lower Displacement / Mortality (60% / 3%)	NatureScot Upper Displacement / Mortality (60% / 5%)	Applicant Displacement / Mortality (50% / 1%)		NatureScot Lower Displacement / Mortality (60% / 1%)	NatureScot Upper Displacement / Mortality (60% / 3%)	Applicant Displacement / Mortality (50% / 1%)
West of Orkney Offshore Wind Farm	7,973	143.51	239.18	39.86	4,393	26.36	79.07	21.96
White Cross	3,304	59.47	99.12	16.52	1,059	6.35	19.06	5.30
Offshore Project	484	8.71	14.52	2.42	2,661	15.97	47.90	13.31

Cape Wrath SPA

Table 1-17 Guillemot in-combination displacement mortality apportioned to Cape Wrath SPA (NatureScot Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Beatrice Offshore Wind Farm	0.0020	0.587	0.07	0.27 to 0.45	0.0000	0.00 to 0.00	0.27 to 0.45
Berwick Bank Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Buchan Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Caledonia Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Cenos	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck B	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank South	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside A	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside B	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One North	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Two	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Five Estuaries	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Galloper	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Green Volt	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Project One	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Project Two	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Three	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Four	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Humber Gateway	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Kincardine	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Lincs	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
London Array	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Mona	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Moor Vannin	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Moray East	0.0050	0.587	0.07	0.48 to 0.80	0.0000	0.00 to 0.00	0.48 to 0.80
Moray West	0.0060	0.587	0.07	1.44 to 2.40	0.0000	0.00 to 0.00	1.44 to 2.40
Morecambe	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Morgan	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Boreas	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Vanguard	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
North Falls	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Ormonde	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Pentland Floating Offshore Wind Farm	0.0120	0.587	0.07	0.14 to 0.23	0.0552	0.22 to 0.65	0.35 to 0.87
Race Bank	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion 2	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Salamander	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Alpha	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Thanet	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Thistle Wind	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Walney 1 & 2	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Walney Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Westermest Rough	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
West of Orkney Offshore Wind Farm	0.0001	0.587	0.07	0.01 to 0.01	0.0552	1.45 to 4.36	1.46 to 4.38
White Cross	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Offshore Project	0.2311	0.587	0.07	1.10 to 1.83	0.1872	2.99 to 8.97	4.09 to 10.80
Total mortality				3.43 to 5.72	4.66 to 13.98		8.09 to 19.70

Table 1-18 Guillemot in-combination displacement mortality apportioned to Cape Wrath SPA (Applicant Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Beatrice Offshore Wind Farm	0.0020	0.587	0.07	0.07	0.0000	0.00	0.07
Berwick Bank Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Burbo Bank Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Cenos	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck B	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank South	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside A	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside B	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dudgeon	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia One North	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Erebus	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Five Estuaries	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Green Volt	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Project One	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Project Two	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Three	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Four	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Humber Gateway	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hywind	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Kincardine	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
London Array	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Mona	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Mooir Vannin	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Moray East	0.0050	0.587	0.07	0.13	0.0000	0.00	0.13
Moray West	0.0060	0.587	0.07	0.40	0.0000	0.00	0.40
Morecambe	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Morgan	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Muir Mhor	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Norfolk Boreas	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Ossian	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0120	0.587	0.07	0.04	0.0552	0.18	0.22
Race Bank	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Rampion	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Salamander	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Seagreen Bravo	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Seagreen Alpha	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Thanet	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Thistle Wind	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Walney 1 & 2	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Walney Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Westermest Rough	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
West of Orkney Offshore Wind Farm	0.0001	0.587	0.07	0.00	0.0552	1.21	1.21
White Cross	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Offshore Project	0.2311	0.587	0.07	0.31	0.1872	2.49	2.80
Total mortality				0.95	3.88		4.84

Flannan Isles SPA

Table 1-19 Guillemot in-combination displacement mortality apportioned to Flannan Isles SPA (NatureScot Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Beatrice Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Caledonia Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Cenos	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck B	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank South	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside A	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside B	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One North	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Two	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Five Estuaries	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Galloper	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Green Volt	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Project One	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Project Two	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Three	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Four	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Humber Gateway	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Kincardine	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Lincs	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
London Array	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Mona	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Moor Vannin	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Moray East	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Moray West	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Morecambe	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Morgan	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Boreas	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Vanguard	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
North Falls	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ormonde	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Pentland Floating Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Race Bank	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion 2	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Salamander	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Alpha	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Thanet	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Thistle Wind	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Walney 1 & 2	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Walney Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Westermest Rough	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Orkney Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
White Cross	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Offshore Project	0.1198	0.587	0.07	0.57 to 0.95	0.0277	0.44 to 1.33	1.01 to 2.27
Total mortality				0.57 to 0.95	0.44 to 1.33		1.01 to 2.27

Table 1-20 Guillemot in-combination displacement mortality apportioned to Flannan Isles SPA (Applicant Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Beatrice Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Burbo Bank Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Cenos	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck B	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank South	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside A	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside B	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia One North	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Erebus	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Five Estuaries	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Green Volt	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Project One	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Project Two	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Three	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Four	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Humber Gateway	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hywind	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Inch Cape Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Kincardine	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
London Array	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Mona	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Moor Vannin	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Moray East	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Moray West	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Morecambe	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Morgan	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Muir Mhor	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Norfolk Boreas	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Ossian	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Race Bank	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rampion	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Salamander	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Seagreen Bravo	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Seagreen Alpha	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Thistle Wind	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Walney 1 & 2	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Walney Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Westermest Rough	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
White Cross	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Offshore Project	0.1198	0.587	0.07	0.16	0.0277	0.37	0.53
Total mortality				0.16	0.37		0.53

Handa SPA

Table 1-21 Guillemot in-combination displacement mortality apportioned to Handa SPA (NatureScot Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Beatrice Offshore Wind Farm	0.0030	0.587	0.07	0.40 to 0.67	0.0000	0.00 to 0.00	0.40 to 0.67
Berwick Bank Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Caledonia Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Cenos	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck B	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank South	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside A	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside B	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dudgeon	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One North	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Two	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Five Estuaries	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Galloper	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Green Volt	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Project One	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Project Two	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Three	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Four	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Humber Gateway	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Kincardine	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Lincs	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
London Array	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Mona	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Mooir Vannin	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Moray East	0.0070	0.587	0.07	0.68 to 1.13	0.0000	0.00 to 0.00	0.68 to 1.13
Moray West	0.0090	0.587	0.07	2.16 to 3.60	0.0000	0.00 to 0.00	2.16 to 3.60
Morecambe	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Morgan	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Boreas	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Vanguard	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
North Falls	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ormonde	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Pentland Floating Offshore Wind Farm	0.0080	0.587	0.07	0.09 to 0.15	0.0791	0.31 to 0.93	0.40 to 1.08
Race Bank	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion 2	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Salamander	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Alpha	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Thanet	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Thistle Wind	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Walney 1 & 2	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Walney Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Westermest Rough	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
West of Orkney Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0791	2.08 to 6.25	2.08 to 6.25
White Cross	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Offshore Project	0.5221	0.587	0.07	2.48 to 4.14	0.2686	4.29 to 12.86	6.77 to 17.00
Total mortality				5.81 to 9.68	6.68 to 20.04		12.49 to 29.73

Table 1-22 Guillemot in-combination displacement mortality apportioned to Handa SPA (Applicant Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Beatrice Offshore Wind Farm	0.0030	0.587	0.07	0.11	0.0000	0.00	0.11

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Burbo Bank Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Cenos	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck B	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank South	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside A	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside B	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia One North	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Erebus	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Five Estuaries	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Galloper	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Green Volt	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Project One	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Project Two	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Three	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Four	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Humber Gateway	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hywind	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Kincardine	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
London Array	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Mona	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Moor Vannin	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Moray East	0.0070	0.587	0.07	0.19	0.0000	0.00	0.19
Moray West	0.0090	0.587	0.07	0.60	0.0000	0.00	0.60
Morecambe	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Morgan	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Muir Mhor	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Norfolk Boreas	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Ossian	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0080	0.587	0.07	0.03	0.0791	0.26	0.28
Race Bank	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Rampion	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Salamander	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Seagreen Bravo	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Seagreen Alpha	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Thistle Wind	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Walney 1 & 2	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Walney Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Westermest Rough	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Orkney Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0791	1.74	1.74
White Cross	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Offshore Project	0.5221	0.587	0.07	0.69	0.2686	3.57	4.26
Total mortality				1.61	5.57		7.18

North Rona and Sula Sgeir SPA

Table 1-23 Guillemot in-combination displacement mortality apportioned to North Rona and Sula Sgeir SPA (NatureScot Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Beatrice Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Berwick Bank Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Cenos	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck B	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank South	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside A	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside B	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One North	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Two	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Five Estuaries	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Galloper	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Green Volt	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Project One	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Project Two	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Three	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Four	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Humber Gateway	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Kincardine	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Lincs	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
London Array	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Mona	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Moor Vannin	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Moray East	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Moray West	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Morecambe	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Morgan	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Boreas	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Vanguard	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
North Falls	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ormonde	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0112	0.04 to 0.13	0.04 to 0.13
Race Bank	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion 2	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Salamander	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Alpha	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Thanet	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Thistle Wind	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Walney 1 & 2	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Walney Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Westermest Rough	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
West of Orkney Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0112	0.30 to 0.89	0.30 to 0.89
White Cross	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Offshore Project	0.0570	0.587	0.07	0.27 to 0.45	0.0380	0.61 to 1.82	0.88 to 2.27
Total mortality				0.27 to 0.45	0.95 to 2.84		1.22 to 3.29

Table 1-24 Guillemot in-combination displacement mortality apportioned to North Rona and Sula Sgeir SPA (Applicant Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Beatrice Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Burbo Bank Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Cenos	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck B	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank South	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside A	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside B	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
East Anglia One	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia One North	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Erebus	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Five Estuaries	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Green Volt	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Project One	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Project Two	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Three	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Four	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Humber Gateway	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hywind	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Kincardine	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
London Array	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Mona	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Moor Vannin	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Moray East	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Moray West	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Morecambe	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Morgan	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Muir Mhor	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Norfolk Boreas	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Ossian	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0112	0.04	0.04
Race Bank	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Rampion	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Salamander	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Seagreen Bravo	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Seagreen Alpha	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Thistle Wind	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Walney 1 & 2	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Walney Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Westermest Rough	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0112	0.25	0.25
White Cross	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Offshore Project	0.0570	0.587	0.07	0.08	0.0380	0.51	0.58
Total mortality				0.08	0.79		0.86

Sule Skerry and Sule Stack SPA

Table 1-25 Guillemot in-combination displacement mortality apportioned to Sule Skerry and Sule Stack SPA (NatureScot Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Beatrice Offshore Wind Farm	0.0010	0.587	0.07	0.13 to 0.22	0.0162	0.27 to 0.80	0.40 to 1.03
Berwick Bank Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Blyth Demonstration Project (Phase 1)	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Caledonia Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Cenos	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck B	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank South	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside A	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside B	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One North	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Two	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Five Estuaries	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Galloper	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Green Volt	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Project One	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Project Two	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Three	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Four	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Humber Gateway	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Kincardine	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Lincs	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
London Array	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Mona	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Moor Vannin	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Moray East	0.0020	0.587	0.07	0.19 to 0.32	0.0148	0.05 to 0.15	0.24 to 0.47
Moray West	0.0020	0.587	0.07	0.48 to 0.80	0.0156	3.57 to 10.72	4.05 to 11.52
Morecambe	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Morgan	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Boreas	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Norfolk Vanguard	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
North Falls	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ormonde	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Pentland Floating Offshore Wind Farm	0.0010	0.587	0.07	0.01 to 0.02	0.0130	0.05 to 0.15	0.06 to 0.17
Race Bank	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion 2	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Salamander	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Alpha	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Thanet	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Thistle Wind	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Walney 1 & 2	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Walney Extension	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Westermest Rough	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
West of Orkney Offshore Wind Farm	0.9997	0.587	0.07	(78.32 to 130.53)*	0.0130	(0.34 to 1.03)*	(78.66 to 131.56)*
White Cross	0.0000	0.587	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Offshore Project	0.0209	0.587	0.07	0.10 to 0.17	0.0442	0.71 to 2.12	0.81 to 2.28
Total mortality				0.92 to 1.53	4.65 to 13.94		5.56 to 15.47

* Impacts are required to be compensated and not included in 'Total Mortality'

Table 1-26 Guillemot in-combination displacement mortality apportioned to Sule Skerry and Sule Stack SPA (Applicant Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Beatrice Offshore Wind Farm	0.0010	0.587	0.07	0.04	0.0162	0.22	0.26
Berwick Bank Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Burbo Bank Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Cenos	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Creyke Beck A	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck B	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank South	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside A	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside B	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia One North	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Erebus	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Five Estuaries	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Green Volt	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Project One	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Project Two	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Three	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hornsea Four	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Humber Gateway	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Hywind	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Inch Cape Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Kincardine	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
London Array	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Mona	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Moor Vannin	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Moray East	0.0020	0.587	0.07	0.05	0.0148	0.04	0.09
Moray West	0.0020	0.587	0.07	0.13	0.0156	2.98	3.11
Morecambe	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Morgan	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Muir Mhor	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Norfolk Boreas	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Ossian	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0010	0.587	0.07	0.00	0.0130	0.04	0.05
Race Bank	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rampion	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Salamander	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Seagreen Bravo	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Seagreen Alpha	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Thistle Wind	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Walney 1 & 2	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Walney Extension	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Westermest Rough	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
West of Orkney Offshore Wind Farm	0.9997	0.587	0.07	(21.75)*	0.0130	0.29	(22.04)*
White Cross	0.0000	0.587	0.07	0.00	0.0000	0.00	0.00
Offshore Project	0.0209	0.587	0.07	0.03	0.0442	0.59	0.62
Total mortality				0.25	3.87		4.13

* Impacts are required to be compensated and not included in 'Total Mortality'

1.2.3 RAZORBILL

Table 1-27 Razorbill in-combination displacement mortality calculations. The NatureScot Approach is 60% displacement (in all seasons) and a range of 3% to 5% mortality in the breeding season and 1% to 3% mortality in other seasons. The Applicant Approach is 50% displacement and 1% mortality in all seasons.

Project	Breeding Season			Post-breeding season			Non-breeding season			Pre-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Aberdeen Offshore Wind Farm	161	2.90 to 4.83	0.81	64	0.38 to 1.15	0.32	7	0.04 to 0.13	0.04	26	0.16 to 0.47	0.13
Arklow Bank Phase 2	211	3.80 to 6.33	1.06	2,319	13.91 to 41.74	11.60	2,072	12.43 to 37.30	12.43	3,711	22.27 to 66.80	18.56
Awel y Mor	140	2.52 to 4.20	0.70	66	0.40 to 1.19	0.33	150	0.90 to 2.70	0.90	336	2.02 to 6.05	1.68
Beatrice	873	15.71 to 26.19	4.37	883	5.30 to 15.89	4.42	555	3.33 to 9.99	3.33	833	5.00 to 14.99	4.17
Berwick Bank Offshore Wind Farm	4,040	72.72 to 121.20	20.20	8,849	53.09 to 159.28	44.25	1,399	8.39 to 25.18	8.39	7,480	44.88 to 134.64	37.40
Blyth Demonstration Project (Phase 1)	121	2.18 to 3.63	0.61	91	0.55 to 1.64	0.46	61	0.37 to 1.10	0.37	91	0.55 to 1.64	0.46

Project	Breeding Season			Post-breeding season			Non-breeding season			Pre-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Buchan Offshore Wind Farm	260	4.68 to 7.81	1.30	71	0.43 to 1.29	0.36	20	0.12 to 0.36	0.12	126	0.76 to 2.28	0.63
Burbo Bank	3	0.05 to 0.09	0.02	6	0.04 to 0.11	0.03	8	0.05 to 0.14	0.05	10	0.06 to 0.18	0.05
Burbo Bank Extension	64	1.15 to 1.92	0.32	13	0.08 to 0.23	0.07	29	0.17 to 0.52	0.17	23	0.14 to 0.41	0.12
Caledonia Offshore Wind Farm	1,762	31.72 to 52.86	8.81	1,841	11.05 to 33.14	9.21	253	1.52 to 4.55	1.52	530	3.18 to 9.54	2.65
Cenos	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00
Codling Wind Park	539	9.69 to 16.16	2.69	4,360	26.16 to 78.47	21.80	640	3.84 to 11.52	3.84	409	2.45 to 7.36	2.05
Dogger Bank Creyke Beck A	1,250	22.50 to 37.50	6.25	1,576	9.46 to 28.37	7.88	1,728	10.37 to 31.10	10.37	4,149	24.89 to 74.68	20.75
Dogger Bank Creyke Beck B	1,538	27.68 to 46.14	7.69	2,097	12.58 to 37.75	10.49	2,143	12.86 to 38.57	12.86	5,119	30.71 to 92.14	25.60

Project	Breeding Season			Post-breeding season			Non-breeding season			Pre-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Dogger Bank South	8,425	151.65 to 252.75	42.13	9,931	59.59 to 178.76	49.66	8,443	50.66 to 151.97	50.66	9,280	55.68 to 167.04	46.40
Dogger Bank Teesside A	834	15.01 to 25.02	4.17	310	1.86 to 5.58	1.55	959	5.75 to 17.26	5.75	1,919	11.51 to 34.54	9.60
Dogger Bank Teesside B (Sofia)	1,153	20.75 to 34.59	5.77	592	3.55 to 10.66	2.96	1,462	8.77 to 26.32	8.77	2,953	17.72 to 53.15	14.77
Dublin Array	1,068	19.22 to 32.04	5.34	2,070	12.42 to 37.26	10.35	281	1.69 to 5.06	1.69	478	2.87 to 8.60	2.39
Dudgeon	256	4.61 to 7.68	1.28	346	2.08 to 6.23	1.73	745	4.47 to 13.41	4.47	346	2.08 to 6.23	1.73
Dudgeon Extension	316	5.69 to 9.48	1.58	759	4.55 to 13.66	3.80	686	4.12 to 12.35	4.12	144	0.86 to 2.59	0.72
East Anglia One	16	0.29 to 0.48	0.08	26	0.16 to 0.47	0.13	155	0.93 to 2.79	0.93	336	2.02 to 6.05	1.68
East Anglia One North	403	7.25 to 12.09	2.02	85	0.51 to 1.53	0.43	54	0.32 to 0.97	0.32	207	1.24 to 3.73	1.04
East Anglia Three	1,807	32.53 to 54.21	9.04	1,122	6.73 to 20.20	5.61	1,499	8.99 to 26.98	8.99	1,524	9.14 to 27.43	7.62
East Anglia Two	281	5.06 to 8.43	1.41	44	0.26 to 0.79	0.22	136	0.82 to 2.45	0.82	230	1.38 to 4.14	1.15

Project	Breeding Season			Post-breeding season			Non-breeding season			Pre-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Erebus	194	3.49 to 5.82	0.97	1,708	10.25 to 30.74	8.54	1,069	6.41 to 19.24	6.41	896	5.38 to 16.13	4.48
Five Estuaries	97	1.75 to 2.91	0.49	284	1.70 to 5.11	1.42	1,066	6.40 to 19.19	6.40	980	5.88 to 17.64	4.90
Galloper	44	0.79 to 1.32	0.22	43	0.26 to 0.77	0.22	106	0.64 to 1.91	0.64	394	2.36 to 7.09	1.97
Greater Gabbard	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00	387	2.32 to 6.97	2.32	84	0.50 to 1.51	0.42
Green Volt	457	8.23 to 13.71	2.29	56	0.34 to 1.01	0.28	15	0.09 to 0.27	0.09	28	0.17 to 0.50	0.14
Gwynt y Mor	12	0.22 to 0.36	0.06	22	0.13 to 0.40	0.11	32	0.19 to 0.58	0.19	39	0.23 to 0.70	0.20
Hornsea Project One	1,109	19.96 to 33.27	5.55	4,812	28.87 to 86.62	24.06	1,518	9.11 to 27.32	9.11	1,803	10.82 to 32.45	9.02
Hornsea Project Two	2,511	45.20 to 75.33	12.56	4,221	25.33 to 75.98	21.11	720	4.32 to 12.96	4.32	1,668	10.01 to 30.02	8.34
Hornsea Three	630	11.34 to 18.90	3.15	2,020	12.12 to 36.36	10.10	3,649	21.89 to 65.68	21.89	1,236	7.42 to 22.25	6.18
Hornsea Four	386	6.95 to 11.58	1.93	4,311	25.87 to 77.60	21.56	455	2.73 to 8.19	2.73	449	2.69 to 8.08	2.25

Project	Breeding Season			Post-breeding season			Non-breeding season			Pre-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Humber Gateway	27	0.49 to 0.81	0.14	20	0.12 to 0.36	0.10	13	0.08 to 0.23	0.08	20	0.12 to 0.36	0.10
Hywind	30	0.54 to 0.90	0.15	719	4.31 to 12.94	3.60	10	0.06 to 0.18	0.06		0.00 to 0.00	0.00
Inch Cape Offshore Wind Farm	1,436	25.85 to 43.08	7.18	2,870	17.22 to 51.66	14.35	651	3.91 to 11.72	3.91		0.00 to 0.00	0.00
Kincardine	22	0.40 to 0.66	0.11		0.00 to 0.00	0.00		0.00 to 0.00	0.00		0.00 to 0.00	0.00
Lynn and Inner Dowsing and Lincs	41	0.73 to 1.22	0.20	34	0.20 to 0.61	0.17	22	0.13 to 0.40	0.13	34	0.20 to 0.61	0.17
London Array	14	0.25 to 0.42	0.07	20	0.12 to 0.36	0.10	14	0.08 to 0.25	0.08	20	0.12 to 0.36	0.10
Methil Demonstration	4	0.07 to 0.12	0.02	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00
Llŷr 1	21	0.38 to 0.63	0.11	1,888	11.33 to 33.98	9.44	493	2.96 to 8.87	2.96	257	1.54 to 4.63	1.29

Project	Breeding Season			Post-breeding season			Non-breeding season			Pre-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Mona	83	1.49 to 2.49	0.42	91	0.55 to 1.64	0.46	421	2.53 to 7.58	2.53	1,924	11.54 to 34.63	9.62
Moor Vannin	76	1.37 to 2.28	0.38	653	3.92 to 11.75	3.27	214	1.28 to 3.84	1.07	1,194	7.16 to 21.48	5.97
Moray East	2,423	43.61 to 72.69	12.12	1,103	6.62 to 19.85	5.52	30	0.18 to 0.54	0.18	168	1.01 to 3.02	0.84
Moray West	2,808	50.54 to 84.24	14.04	3,544	21.26 to 63.79	17.72	184	1.10 to 3.31	1.10	3,585	21.51 to 64.53	17.93
Morecambe	252	4.54 to 7.56	1.26	694	4.16 to 12.49	3.47	651	3.91 to 11.72	3.91	382	2.29 to 6.88	1.91
Morgan	35	0.63 to 1.04	0.17	254	1.52 to 4.56	1.27	1,170	7.02 to 21.06	7.02	328	1.97 to 5.90	1.64
Morven	0	0.00 to 0.00	0.00		0.00 to 0.00	0.00		0.00 to 0.00	0.00		0.00 to 0.00	0.00
Muir Mhor	1,549	27.88 to 46.46	7.74	1,388	8.33 to 24.99	6.94	42	0.25 to 0.75	0.25	117	0.70 to 2.10	0.58
Near na Gaoithe Offshore Wind Farm	331	5.96 to 9.93	1.66	5,492	32.95 to 98.86	27.46	508	3.05 to 9.14	3.05	0	0.00 to 0.00	0.00

Project	Breeding Season			Post-breeding season			Non-breeding season			Pre-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Norfolk Boreas	630	11.34 to 18.90	3.15	263	1.58 to 4.73	1.32	1,065	6.39 to 19.17	6.39	345	2.07 to 6.21	1.73
Norfolk Vanguard	879	15.82 to 26.37	4.40	866	5.20 to 15.59	4.33	627	3.76 to 11.29	3.76	924	5.54 to 16.63	4.62
North Falls	104	1.87 to 3.12	0.52	248	1.49 to 4.46	1.24	1,781	10.69 to 32.06	10.69	1,741	10.45 to 31.34	8.71
North Hoyle	3	0.05 to 0.09	0.02	6	0.04 to 0.11	0.03	7	0.04 to 0.13	0.04	11	0.07 to 0.20	0.06
North Irish Sea Array	168	3.02 to 5.04	0.84	3,371	20.23 to 60.68	16.86	483	2.90 to 8.69	2.90	2,079	12.47 to 37.42	10.40
Oriel	12	0.22 to 0.36	0.06	962	5.77 to 17.32	4.81	512	3.07 to 9.22	3.07	859	5.15 to 15.46	4.30
Ormonde	174	3.13 to 5.22	0.87	6	0.04 to 0.11	0.03	8	0.05 to 0.14	0.05	10	0.06 to 0.18	0.05
Ossian	2,608	46.94 to 78.24	13.04	1,493	8.96 to 26.87	7.47	138	0.83 to 2.48	0.83	224	1.34 to 4.03	1.12
Outer Dowsing	3,942	70.96 to 118.26	19.71	2,185	13.11 to 39.33	10.93	1,779	10.67 to 32.02	10.67	5,134	30.80 to 92.41	25.67
Pentland Floating	134	2.41 to 4.02	0.67	17	0.10 to 0.31	0.09	16	0.10 to 0.29	0.10	14	0.08 to 0.25	0.07

Project	Breeding Season			Post-breeding season			Non-breeding season			Pre-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Offshore Wind Farm												
Race Bank	28	0.50 to 0.84	0.14	42	0.25 to 0.76	0.21	28	0.17 to 0.50	0.17	42	0.25 to 0.76	0.21
Rampion	630	11.34 to 18.90	3.15	66	0.40 to 1.19	0.33	1,244	7.46 to 22.39	7.46	3,327	19.96 to 59.89	16.64
Rampion 2	32	0.58 to 0.96	0.16	23	0.14 to 0.41	0.12	1,193	7.16 to 21.47	7.16	6,303	37.82 to 113.45	31.52
Rhyl Flats	4	0.07 to 0.12	0.02	7	0.04 to 0.13	0.04	10	0.06 to 0.18	0.06	12	0.07 to 0.22	0.06
Robin Rigg	63	1.13 to 1.89	0.32	11	0.07 to 0.20	0.06	14	0.08 to 0.25	0.08	15	0.09 to 0.27	0.08
Salamander	704	12.67 to 21.12	3.52	484	2.90 to 8.71	2.42	28	0.17 to 0.50	0.17	0	0.00 to 0.00	0.00
Seagreen Bravo	5,876	105.77 to 176.28	29.38		0.00 to 0.00	0.00	1,103	6.62 to 19.85	6.62		0.00 to 0.00	0.00
Seagreen Alpha	3,698	66.56 to 110.94	18.49		0.00 to 0.00	0.00	1,272	7.63 to 22.90	7.63		0.00 to 0.00	0.00
Sheringham Shoal	106	1.91 to 3.18	0.53	1,134	6.80 to 20.41	5.67	211	1.27 to 3.80	1.27	30	0.18 to 0.54	0.15

Project	Breeding Season			Post-breeding season			Non-breeding season			Pre-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Sheringham Shoal Extension	923	16.61 to 27.69	4.62	3,741	22.45 to 67.34	18.71	845	5.07 to 15.21	5.07	320	1.92 to 5.76	1.60
Teesside	16	0.29 to 0.48	0.08	61	0.37 to 1.10	0.31	2	0.01 to 0.04	0.01	20	0.12 to 0.36	0.10
Thanet	3	0.05 to 0.09	0.02	0	0.00 to 0.00	0.00	14	0.08 to 0.25	0.08	21	0.13 to 0.38	0.11
Triton Knoll	40	0.72 to 1.20	0.20	254	1.52 to 4.57	1.27	855	5.13 to 15.39	5.13	117	0.70 to 2.11	0.59
Twinhub (Wave Hub Floating Wind Farm)	12	0.22 to 0.37	0.06	3	0.02 to 0.05	0.02	53	0.32 to 0.95	0.32	11	0.07 to 0.20	0.06
Walney 1 & 2	12	0.22 to 0.36	0.06	25	0.15 to 0.45	0.13	34	0.20 to 0.61	0.20	40	0.24 to 0.72	0.20
Walney Extension	76	1.37 to 2.29	0.38	873	5.24 to 15.72	4.37	3,066	18.39 to 55.18	18.39	82	0.49 to 1.48	0.41
West of Duddon Sands	8	0.14 to 0.24	0.04	18	0.11 to 0.32	0.09	202	1.21 to 3.64	1.21	28	0.17 to 0.50	0.14

Project	Breeding Season			Post-breeding season			Non-breeding season			Pre-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Westermest Rough	91	1.64 to 2.73	0.46	121	0.73 to 2.18	0.61	152	0.91 to 2.74	0.91	91	0.55 to 1.64	0.46
West of Orkney Offshore Wind Farm	141	2.54 to 4.24	0.71	112	0.67 to 2.02	0.56	19	0.12 to 0.35	0.12	132	0.79 to 2.37	0.66
White Cross	40	0.72 to 1.20	0.20	40	0.24 to 0.72	0.20	361	2.17 to 6.50	2.17	345	2.07 to 6.21	1.73
Offshore Project	410	7.38 to 12.30	2.05	467	2.80 to 8.41	2.34	0	0.00 to 0.00	0.00	649	3.89 to 11.68	3.24

Cape Wrath SPA

Table 1-28 Razorbill in-combination displacement mortality apportioned to Cape Wrath SPA (NatureScot Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.00 to 0.01	0.0000	0.00 to 0.01	0.0000	0.01 to 0.04	0.02 to 0.06
Beatrice	0.0010	0.623	0.07	0.01 to 0.02	0.0001	0.00 to 0.00	0.0019	0.01 to 0.02	0.0001	0.00 to 0.00	0.02 to 0.04
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.01 to 0.02	0.0019	0.02 to 0.05	0.0001	0.01 to 0.02	0.03 to 0.09
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0049	0.00 to 0.00	0.0067	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0049	0.00 to 0.00	0.0067	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Burbo Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.01
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
Cenos	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.02 to 0.06	0.0001	0.00 to 0.01	0.02 to 0.07
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0019	0.02 to 0.07	0.0001	0.00 to 0.01	0.03 to 0.09
Dogger Bank South	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.01 to 0.03	0.0019	0.10 to 0.29	0.0001	0.01 to 0.02	0.11 to 0.34
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.01 to 0.03	0.0001	0.00 to 0.00	0.01 to 0.04
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.02 to 0.05	0.0001	0.00 to 0.01	0.02 to 0.06

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dublin Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0049	0.00 to 0.00	0.0067	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0049	0.01 to 0.03	0.0067	0.00 to 0.00	0.01 to 0.03
Dudgeon Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.03
East Anglia One	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
East Anglia One North	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.02 to 0.05	0.0001	0.00 to 0.00	0.02 to 0.06
East Anglia Two	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.01
Erebus	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.07 to 0.21	0.0000	0.03 to 0.09	0.0000	0.04 to 0.11	0.14 to 0.41
Five Estuaries	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.01 to 0.04	0.0001	0.00 to 0.00	0.01 to 0.04
Galloper	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
Green Volt	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Gwynt y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.01
Hornsea Project One	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0049	0.02 to 0.05	0.0067	0.00 to 0.00	0.02 to 0.07
Hornsea Project Two	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0049	0.01 to 0.02	0.0067	0.00 to 0.00	0.01 to 0.04
Hornsea Three	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0000	0.04 to 0.13	0.0000	0.00 to 0.00	0.04 to 0.13
Hornsea Four	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0019	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.03
Humber Gateway	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0049	0.00 to 0.00	0.0067	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0019	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.03
Kincardine	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
London Array	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0049	0.00 to 0.00	0.0067	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.08 to 0.23	0.0019	0.01 to 0.04	0.0001	0.01 to 0.03	0.10 to 0.30
Mona	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.00 to 0.01	0.0019	0.01 to 0.04	0.0001	0.08 to 0.23	0.09 to 0.28
Moor Vannin	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.03 to 0.08	0.0019	0.01 to 0.02	0.0001	0.05 to 0.14	0.08 to 0.24
Moray East	0.0020	0.623	0.07	0.05 to 0.08	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.05 to 0.09
Moray West	0.0030	0.623	0.07	0.09 to 0.15	0.0001	0.00 to 0.01	0.0019	0.00 to 0.01	0.0001	0.00 to 0.01	0.10 to 0.17
Morecambe	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.03 to 0.08	0.0019	0.02 to 0.06	0.0001	0.02 to 0.05	0.06 to 0.19
Morgan	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.01 to 0.03	0.0019	0.03 to 0.10	0.0001	0.01 to 0.04	0.06 to 0.17
Morven	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0049	0.00 to 0.00	0.0067	0.00 to 0.00	0.00 to 0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0019	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.03
Norfolk Boreas	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.01 to 0.04	0.0001	0.00 to 0.00	0.01 to 0.04
Norfolk Vanguard	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.03
North Falls	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.02 to 0.06	0.0001	0.00 to 0.00	0.02 to 0.07
North Hoyle	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
North Irish Sea Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Ormonde	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.01
Outer Dowsing	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0019	0.02 to 0.06	0.0001	0.00 to 0.01	0.03 to 0.08
Pentland Floating	0.1000	0.623	0.07	0.14 to 0.23	0.0067	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.14 to 0.24

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Offshore Wind Farm											
Race Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.01 to 0.04	0.0001	0.00 to 0.01	0.02 to 0.05
Rampion 2	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.01 to 0.04	0.0001	0.01 to 0.02	0.02 to 0.06
Rhyl Flats	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.00 to 0.00	0.0049	0.00 to 0.00	0.0067	0.00 to 0.00	0.00 to 0.00
Robin Rigg	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.00 to 0.00	0.0049	0.00 to 0.00	0.0067	0.00 to 0.00	0.00 to 0.00
Salamander	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0049	0.00 to 0.00	0.0067	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.01 to 0.04	0.0001	0.00 to 0.00	0.01 to 0.04
Seagreen Alpha	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0049	0.01 to 0.04	0.0067	0.00 to 0.00	0.01 to 0.04
Sheringham Shoal	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0019	0.01 to 0.03	0.0001	0.00 to 0.00	0.01 to 0.04

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Teesside	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0049	0.00 to 0.00	0.0067	0.00 to 0.00	0.00 to 0.00
Thanet	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0049	0.00 to 0.00	0.0067	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.01 to 0.03	0.0001	0.00 to 0.00	0.01 to 0.03
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.01
Walney 1 & 2	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.00 to 0.00	0.0019	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.01
Walney Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.04 to 0.11	0.0019	0.09 to 0.27	0.0001	0.00 to 0.01	0.13 to 0.39
West of Duddon Sands	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.00 to 0.00	0.0019	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.02
Westermest Rough	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0019	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
West of Orkney Offshore Wind Farm	0.2550	0.623	0.07	0.38 to 0.63	0.0067	0.00 to 0.01	0.0049	0.00 to 0.00	0.0067	0.01 to 0.02	0.39 to 0.66

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
White Cross	0.0000	0.623	0.07	0.00 to 0.00	0.0067	0.00 to 0.00	0.0000	0.01 to 0.03	0.0000	0.01 to 0.04	0.03 to 0.08
Offshore Project	0.0943	0.623	0.07	0.40 to 0.67	0.0067	0.02 to 0.06	0.0000	0.00 to 0.00	0.0000	0.03 to 0.08	0.45 to 0.81
Total mortality (with Berwick Bank Offshore Wind Farm)				1.07 to 1.78	0.34 to 1.03		0.72 to 2.15		0.33 to 0.98		2.45 to 5.94
Total mortality (without Berwick Bank Offshore Wind Farm)				1.07 to 1.78	0.34 to 1.01		0.70 to 2.11		0.32 to 0.96		2.42 to 5.85

Table 1-29 Razorbill in-combination displacement mortality apportioned to Cape Wrath SPA (Applicant Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.623	0.07	0.00	0.0067	0.00	0.0000	0.00	0.0000	0.01	0.02
Beatrice	0.0010	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.01	0.0019	0.01	0.0001	0.01	0.02
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0049	0.00	0.0067	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0049	0.00	0.0067	0.00	0.00
Burbo Bank	0.0000	0.623	0.07	0.00	0.0067	0.00	0.0019	0.00	0.0001	0.00	0.00
Burbo Bank Extension	0.0000	0.623	0.07	0.00	0.0067	0.00	0.0019	0.00	0.0001	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
Cenos	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
Codling Wind Park	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0019	0.00	0.0001	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.02	0.0001	0.00	0.02

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.02	0.0001	0.00	0.03
Dogger Bank South	0.0000	0.623	0.07	0.00	0.0001	0.01	0.0019	0.08	0.0001	0.01	0.09
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.01
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.02
Dublin Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0049	0.00	0.0067	0.00	0.00
Dudgeon	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0049	0.01	0.0067	0.00	0.01
Dudgeon Extension	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.01
East Anglia One	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
East Anglia One North	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
East Anglia Three	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.02
East Anglia Two	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
Erebus	0.0000	0.623	0.07	0.00	0.0067	0.06	0.0000	0.03	0.0000	0.03	0.11

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.01
Galloper	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
Greater Gabbard	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
Green Volt	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
Gwynt y Mor	0.0000	0.623	0.07	0.00	0.0067	0.00	0.0019	0.00	0.0001	0.00	0.00
Hornsea Project One	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0049	0.01	0.0067	0.00	0.02
Hornsea Project Two	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0049	0.01	0.0067	0.00	0.01
Hornsea Three	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0000	0.03	0.0000	0.00	0.04
Hornsea Four	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.01
Humber Gateway	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
Hywind	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0049	0.00	0.0067	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.01
Kincardine	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
London Array	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
Methil Demonstration	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0049	0.00	0.0067	0.00	0.00
Llŷr 1	0.0000	0.623	0.07	0.00	0.0067	0.06	0.0019	0.01	0.0001	0.01	0.08
Mona	0.0000	0.623	0.07	0.00	0.0067	0.00	0.0019	0.01	0.0001	0.06	0.08
Moor Vannin	0.0000	0.623	0.07	0.00	0.0067	0.02	0.0019	0.01	0.0001	0.04	0.07
Moray East	0.0020	0.623	0.07	0.01	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.02
Moray West	0.0030	0.623	0.07	0.02	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.03
Morecambe	0.0000	0.623	0.07	0.00	0.0067	0.02	0.0019	0.02	0.0001	0.01	0.05
Morgan	0.0000	0.623	0.07	0.00	0.0067	0.01	0.0019	0.03	0.0001	0.01	0.05
Morven	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
Muir Mhor	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0049	0.00	0.0067	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Norfolk Boreas	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.01
Norfolk Vanguard	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.01
North Falls	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.02	0.0001	0.00	0.02
North Hoyle	0.0000	0.623	0.07	0.00	0.0067	0.00	0.0019	0.00	0.0001	0.00	0.00
North Irish Sea Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0019	0.00	0.0001	0.00	0.00
Oriel	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0019	0.00	0.0001	0.00	0.00
Ormonde	0.0000	0.623	0.07	0.00	0.0067	0.00	0.0000	0.00	0.0000	0.00	0.00
Ossian	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
Outer Dowsing	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.02	0.0001	0.00	0.02
Pentland Floating Offshore Wind Farm	0.1000	0.623	0.07	0.04	0.0067	0.00	0.0019	0.00	0.0001	0.00	0.04
Race Bank	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
Rampion	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.01
Rampion 2	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.02
Rhyl Flats	0.0000	0.623	0.07	0.00	0.0067	0.00	0.0049	0.00	0.0067	0.00	0.00
Robin Rigg	0.0000	0.623	0.07	0.00	0.0067	0.00	0.0049	0.00	0.0067	0.00	0.00
Salamander	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0049	0.00	0.0067	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Seagreen Bravo	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.01
Seagreen Alpha	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0049	0.01	0.0067	0.00	0.01
Sheringham Shoal	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.01
Teesside	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0049	0.00	0.0067	0.00	0.00
Thanet	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0049	0.00	0.0067	0.00	0.00
Triton Knoll	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.01	0.0001	0.00	0.01
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00	0.0067	0.00	0.0019	0.00	0.0001	0.00	0.00
Walney 1 & 2	0.0000	0.623	0.07	0.00	0.0067	0.00	0.0019	0.00	0.0001	0.00	0.00
Walney Extension	0.0000	0.623	0.07	0.00	0.0067	0.03	0.0019	0.08	0.0001	0.00	0.11
West of Duddon Sands	0.0000	0.623	0.07	0.00	0.0067	0.00	0.0019	0.00	0.0001	0.00	0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Westermost Rough	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0019	0.00	0.0001	0.00	0.00
West of Orkney Offshore Wind Farm	0.2550	0.623	0.07	0.10	0.0067	0.00	0.0049	0.00	0.0067	0.00	0.11
White Cross	0.0000	0.623	0.07	0.00	0.0067	0.00	0.0000	0.01	0.0000	0.01	0.02
Offshore Project	0.0943	0.623	0.07	0.11	0.0067	0.02	0.0000	0.00	0.0000	0.02	0.15
Total mortality (with Berwick Bank Offshore Wind Farm)				0.30	0.29		0.60		0.27		1.45
Total mortality (without Berwick Bank Offshore Wind Farm)				0.30	0.28		0.58		0.27		1.43

Flannan Isles SPA

Table 1-30 Razorbill in-combination displacement mortality apportioned to Flannan Isles SPA (NatureScot Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.00	0.0025	0.00 to 0.01	0.0034	0.01 to 0.02	0.01 to 0.03
Beatrice	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0010	0.01 to 0.02	0.0001	0.00 to 0.01	0.02 to 0.05
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Burbo Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.00	0.0025	0.00 to 0.00	0.0034	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.00	0.0025	0.00 to 0.00	0.0034	0.00 to 0.00	0.00 to 0.00
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.01
Cenos	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.01 to 0.03	0.0001	0.00 to 0.01	0.01 to 0.04
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.01 to 0.04	0.0001	0.00 to 0.01	0.02 to 0.05
Dogger Bank South	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0010	0.05 to 0.15	0.0001	0.00 to 0.01	0.06 to 0.17
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.02
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.01 to 0.03	0.0001	0.00 to 0.00	0.01 to 0.03

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dublin Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
Dudgeon Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
East Anglia One	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
East Anglia One North	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.01 to 0.03	0.0001	0.00 to 0.00	0.01 to 0.03
East Anglia Two	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.03 to 0.10	0.0025	0.02 to 0.05	0.0034	0.02 to 0.05	0.07 to 0.21
Five Estuaries	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.02
Galloper	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
Green Volt	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Gwynt y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.00	0.0025	0.00 to 0.00	0.0034	0.00 to 0.00	0.00 to 0.01
Hornsea Project One	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0010	0.01 to 0.03	0.0001	0.00 to 0.00	0.01 to 0.03
Hornsea Project Two	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0010	0.00 to 0.01	0.0001	0.00 to 0.00	0.01 to 0.02
Hornsea Three	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.02 to 0.06	0.0001	0.00 to 0.00	0.02 to 0.07
Hornsea Four	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0010	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
Humber Gateway	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
Kincardine	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
London Array	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.04 to 0.12	0.0025	0.01 to 0.02	0.0034	0.01 to 0.02	0.05 to 0.15
Mona	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.01	0.0025	0.01 to 0.02	0.0034	0.04 to 0.12	0.05 to 0.14
Moor Vannin	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.01 to 0.04	0.0025	0.00 to 0.01	0.0034	0.02 to 0.07	0.04 to 0.12
Moray East	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Moray West	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.01
Morecambe	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.01 to 0.04	0.0025	0.01 to 0.03	0.0034	0.01 to 0.02	0.03 to 0.09
Morgan	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.01 to 0.02	0.0025	0.02 to 0.05	0.0034	0.01 to 0.02	0.03 to 0.09
Morven	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0010	0.00 to 0.01	0.0001	0.00 to 0.00	0.01 to 0.02
Norfolk Boreas	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.02
Norfolk Vanguard	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
North Falls	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.01 to 0.03	0.0001	0.00 to 0.00	0.01 to 0.03
North Hoyle	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.00	0.0025	0.00 to 0.00	0.0034	0.00 to 0.00	0.00 to 0.00
North Irish Sea Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ormonde	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.00	0.0025	0.00 to 0.00	0.0034	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Outer Dowsing	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.01 to 0.03	0.0001	0.00 to 0.01	0.01 to 0.04
Pentland Floating	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.00	0.0025	0.00 to 0.00	0.0034	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Offshore Wind Farm											
Race Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.03
Rampion 2	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.01 to 0.02	0.0001	0.00 to 0.01	0.01 to 0.03
Rhyl Flats	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.00	0.0025	0.00 to 0.00	0.0034	0.00 to 0.00	0.00 to 0.00
Robin Rigg	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.00	0.0025	0.00 to 0.00	0.0034	0.00 to 0.00	0.00 to 0.00
Salamander	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.02
Seagreen Alpha	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.02
Sheringham Shoal	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.01
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.01	0.0001	0.00 to 0.00	0.01 to 0.02

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Teesside	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Thanet	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.01	0.0001	0.00 to 0.00	0.01 to 0.02
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.00	0.0025	0.00 to 0.00	0.0034	0.00 to 0.00	0.00 to 0.00
Walney 1 & 2	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.00	0.0025	0.00 to 0.00	0.0034	0.00 to 0.00	0.00 to 0.01
Walney Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.02 to 0.05	0.0025	0.05 to 0.14	0.0034	0.00 to 0.01	0.06 to 0.19
West of Duddon Sands	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.00	0.0025	0.00 to 0.01	0.0034	0.00 to 0.00	0.00 to 0.01
Westermest Rough	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0010	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
West of Orkney Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.01	0.0025	0.00 to 0.00	0.0034	0.00 to 0.01	0.01 to 0.02

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
White Cross	0.0000	0.623	0.07	0.00 to 0.00	0.0034	0.00 to 0.00	0.0025	0.01 to 0.02	0.0034	0.01 to 0.02	0.01 to 0.04
Offshore Project	0.1190	0.623	0.07	0.51 to 0.85	0.0034	0.01 to 0.03	0.0025	0.00 to 0.00	0.0034	0.01 to 0.04	0.53 to 0.92
Total mortality (with Berwick Bank Offshore Wind Farm)				0.51 to 0.85	0.16 to 0.52		0.36 to 1.08		0.16 to 0.49		1.21 to 2.94
Total mortality (without Berwick Bank Offshore Wind Farm)				0.51 to 0.85	0.16 to 0.51		0.35 to 1.06		0.16 to 0.48		1.19 to 2.90

Table 1-31 Razorbill in-combination displacement mortality apportioned to Flannan Isles SPA (Applicant Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.01	0.01
Beatrice	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Burbo Bank	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.00	0.00
Burbo Bank Extension	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Cenos	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Codling Wind Park	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01
Dogger Bank South	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.04	0.0001	0.00	0.05
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.01
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01
Dublin Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Dudgeon Extension	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
East Anglia One	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
East Anglia One North	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
East Anglia Three	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01
East Anglia Two	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Erebus	0.0000	0.623	0.07	0.00	0.0034	0.03	0.0025	0.01	0.0034	0.02	0.06

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01
Galloper	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Greater Gabbard	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Green Volt	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Gwynt y Mor	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.00	0.00
Hornsea Project One	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01
Hornsea Project Two	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.01
Hornsea Three	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.02	0.0001	0.00	0.02
Hornsea Four	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Humber Gateway	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Hywind	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Kincardine	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
London Array	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Methil Demonstration	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Llŷr 1	0.0000	0.623	0.07	0.00	0.0034	0.03	0.0025	0.01	0.0034	0.00	0.04
Mona	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.01	0.0034	0.03	0.04
Moor Vannin	0.0000	0.623	0.07	0.00	0.0034	0.01	0.0025	0.00	0.0034	0.02	0.03
Moray East	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Moray West	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Morecambe	0.0000	0.623	0.07	0.00	0.0034	0.01	0.0025	0.01	0.0034	0.01	0.03
Morgan	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.01	0.0034	0.01	0.02
Morven	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Muir Mhor	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Norfolk Boreas	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01
Norfolk Vanguard	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
North Falls	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01
North Hoyle	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.00	0.00
North Irish Sea Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.00	0.00
Ossian	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Outer Dowsing	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01
Pentland Floating Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.00	0.00
Race Bank	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Rampion	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01
Rampion 2	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01
Rhyl Flats	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.00	0.00
Robin Rigg	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.00	0.00
Salamander	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Seagreen Bravo	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01
Seagreen Alpha	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.01	0.0001	0.00	0.01
Sheringham Shoal	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.01
Teesside	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Thanet	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Triton Knoll	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.00	0.00
Walney 1 & 2	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.00	0.00
Walney Extension	0.0000	0.623	0.07	0.00	0.0034	0.01	0.0025	0.04	0.0034	0.00	0.05
West of Duddon Sands	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Westermost Rough	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0010	0.00	0.0001	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.00	0.00
White Cross	0.0000	0.623	0.07	0.00	0.0034	0.00	0.0025	0.00	0.0034	0.01	0.01
Offshore Project	0.1190	0.623	0.07	0.14	0.0034	0.01	0.0025	0.00	0.0034	0.01	0.16
Total mortality (with Berwick Bank Offshore Wind Farm)				0.14	0.14		0.30		0.14		0.72
Total mortality (without Berwick Bank Offshore Wind Farm)				0.14	0.14		0.29		0.13		0.71

Handa SPA

Table 1-32 Razorbill in-combination displacement mortality apportioned to Handa SPA (NatureScot Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.01 to 0.02	0.0121	0.01 to 0.03	0.0167	0.03 to 0.10	0.05 to 0.15
Beatrice	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0047	0.02 to 0.05	0.0003	0.00 to 0.01	0.02 to 0.06
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.02 to 0.06	0.0047	0.04 to 0.12	0.0003	0.02 to 0.05	0.07 to 0.22
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.01	0.0003	0.00 to 0.00	0.00 to 0.01
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Burbo Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.00 to 0.00	0.0121	0.00 to 0.00	0.0167	0.00 to 0.00	0.00 to 0.01
Burbo Bank Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.00 to 0.00	0.0121	0.00 to 0.01	0.0167	0.00 to 0.01	0.01 to 0.02
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0047	0.01 to 0.02	0.0003	0.00 to 0.00	0.01 to 0.04
Cenos	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0047	0.05 to 0.15	0.0003	0.01 to 0.03	0.06 to 0.18
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0047	0.06 to 0.18	0.0003	0.01 to 0.03	0.08 to 0.23
Dogger Bank South	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.02 to 0.06	0.0047	0.24 to 0.72	0.0003	0.02 to 0.06	0.28 to 0.84
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.03 to 0.08	0.0003	0.00 to 0.01	0.03 to 0.10
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.04 to 0.12	0.0003	0.01 to 0.02	0.05 to 0.15

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dublin Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.02 to 0.06	0.0003	0.00 to 0.00	0.02 to 0.07
Dudgeon Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.02 to 0.06	0.0003	0.00 to 0.00	0.02 to 0.06
East Anglia One	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.01	0.0003	0.00 to 0.00	0.01 to 0.02
East Anglia One North	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.01
East Anglia Three	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0047	0.04 to 0.13	0.0003	0.00 to 0.01	0.05 to 0.14
East Anglia Two	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.01	0.0003	0.00 to 0.00	0.00 to 0.01
Erebus	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.17 to 0.51	0.0121	0.08 to 0.23	0.0167	0.09 to 0.27	0.34 to 1.01
Five Estuaries	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.03 to 0.09	0.0003	0.00 to 0.01	0.03 to 0.10
Galloper	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.01	0.0003	0.00 to 0.00	0.00 to 0.01
Greater Gabbard	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.01 to 0.03	0.0003	0.00 to 0.00	0.01 to 0.03
Green Volt	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Gwynt y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.00 to 0.01	0.0121	0.00 to 0.01	0.0167	0.00 to 0.01	0.01 to 0.03
Hornsea Project One	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.01 to 0.03	0.0047	0.04 to 0.13	0.0003	0.00 to 0.01	0.06 to 0.17
Hornsea Project Two	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.01 to 0.03	0.0047	0.02 to 0.06	0.0003	0.00 to 0.01	0.03 to 0.10
Hornsea Three	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0047	0.10 to 0.31	0.0003	0.00 to 0.01	0.11 to 0.33
Hornsea Four	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.01 to 0.03	0.0047	0.01 to 0.04	0.0003	0.00 to 0.00	0.02 to 0.07
Humber Gateway	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.01
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.01 to 0.02	0.0047	0.02 to 0.06	0.0003	0.00 to 0.00	0.02 to 0.07
Kincardine	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
London Array	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.19 to 0.57	0.0121	0.04 to 0.11	0.0167	0.03 to 0.08	0.25 to 0.75
Mona	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.01 to 0.03	0.0121	0.03 to 0.09	0.0167	0.19 to 0.58	0.23 to 0.70
Moor Vannin	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.07 to 0.20	0.0121	0.02 to 0.05	0.0167	0.12 to 0.36	0.20 to 0.60
Moray East	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.01
Moray West	0.0070	0.623	0.07	0.20 to 0.34	0.0003	0.01 to 0.02	0.0047	0.01 to 0.02	0.0003	0.01 to 0.02	0.23 to 0.40
Morecambe	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.07 to 0.21	0.0121	0.05 to 0.14	0.0167	0.04 to 0.11	0.15 to 0.46
Morgan	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.03 to 0.08	0.0121	0.08 to 0.25	0.0167	0.03 to 0.10	0.14 to 0.43
Morven	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.01 to 0.03	0.0047	0.01 to 0.04	0.0003	0.00 to 0.00	0.03 to 0.08
Norfolk Boreas	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.03 to 0.09	0.0003	0.00 to 0.00	0.03 to 0.09
Norfolk Vanguard	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0047	0.02 to 0.05	0.0003	0.00 to 0.01	0.02 to 0.06
North Falls	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.05 to 0.15	0.0003	0.00 to 0.01	0.05 to 0.16
North Hoyle	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.00 to 0.00	0.0121	0.00 to 0.00	0.0167	0.00 to 0.00	0.00 to 0.01
North Irish Sea Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ormonde	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.00 to 0.00	0.0121	0.00 to 0.00	0.0167	0.00 to 0.00	0.00 to 0.01
Ossian	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0047	0.00 to 0.01	0.0003	0.00 to 0.00	0.01 to 0.02
Outer Dowsing	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0047	0.05 to 0.15	0.0003	0.01 to 0.03	0.07 to 0.20
Pentland Floating	0.0120	0.623	0.07	0.02 to 0.03	0.0167	0.00 to 0.01	0.0121	0.00 to 0.00	0.0167	0.00 to 0.00	0.02 to 0.04

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Offshore Wind Farm											
Race Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.04 to 0.11	0.0003	0.01 to 0.02	0.04 to 0.13
Rampion 2	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.03 to 0.10	0.0003	0.01 to 0.04	0.05 to 0.14
Rhyl Flats	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.00 to 0.00	0.0121	0.00 to 0.00	0.0167	0.00 to 0.00	0.00 to 0.01
Robin Rigg	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.00 to 0.00	0.0121	0.00 to 0.00	0.0167	0.00 to 0.00	0.00 to 0.01
Salamander	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.01
Seagreen Bravo	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.03 to 0.09	0.0003	0.00 to 0.00	0.03 to 0.09
Seagreen Alpha	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.04 to 0.11	0.0003	0.00 to 0.00	0.04 to 0.11
Sheringham Shoal	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0047	0.01 to 0.02	0.0003	0.00 to 0.00	0.01 to 0.03
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.01 to 0.02	0.0047	0.02 to 0.07	0.0003	0.00 to 0.00	0.03 to 0.10

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Teesside	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Thanet	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.02 to 0.07	0.0003	0.00 to 0.00	0.03 to 0.08
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.00 to 0.00	0.0121	0.00 to 0.01	0.0167	0.00 to 0.00	0.01 to 0.02
Walney 1 & 2	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.00 to 0.01	0.0121	0.00 to 0.01	0.0167	0.00 to 0.01	0.01 to 0.03
Walney Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.09 to 0.26	0.0121	0.22 to 0.67	0.0167	0.01 to 0.02	0.32 to 0.95
West of Duddon Sands	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.00 to 0.01	0.0121	0.01 to 0.04	0.0167	0.00 to 0.01	0.02 to 0.06
Westermest Rough	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0047	0.00 to 0.01	0.0003	0.00 to 0.00	0.00 to 0.01
West of Orkney Offshore Wind Farm	0.1398	0.623	0.07	0.21 to 0.34	0.0167	0.01 to 0.03	0.0121	0.00 to 0.00	0.0167	0.01 to 0.04	0.23 to 0.42

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
White Cross	0.0000	0.623	0.07	0.00 to 0.00	0.0167	0.00 to 0.01	0.0121	0.03 to 0.08	0.0167	0.03 to 0.10	0.06 to 0.19
Offshore Project	0.3663	0.623	0.07	1.57 to 2.61	0.0167	0.05 to 0.14	0.0121	0.00 to 0.00	0.0167	0.06 to 0.19	1.68 to 2.94
Total mortality (with Berwick Bank Offshore Wind Farm)				1.99 to 3.32	0.85 to 2.54		1.77 to 5.32		0.81 to 2.43		5.42 to 13.61
Total mortality (without Berwick Bank Offshore Wind Farm)				1.99 to 3.32	0.83 to 2.48		1.73 to 5.20		0.79 to 2.38		5.35 to 13.39

Table 1-33 Razorbill in-combination displacement mortality apportioned to Handa SPA (Applicant Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.623	0.07	0.00	0.0167	0.01	0.0121	0.01	0.0167	0.03	0.04
Beatrice	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.01	0.0003	0.00	0.02

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0003	0.02	0.0047	0.03	0.0003	0.01	0.06
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Burbo Bank	0.0000	0.623	0.07	0.00	0.0167	0.00	0.0121	0.00	0.0167	0.00	0.00
Burbo Bank Extension	0.0000	0.623	0.07	0.00	0.0167	0.00	0.0121	0.00	0.0167	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.01	0.0003	0.00	0.01
Cenos	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Codling Wind Park	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.04	0.0003	0.01	0.05

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.05	0.0003	0.01	0.06
Dogger Bank South	0.0000	0.623	0.07	0.00	0.0003	0.02	0.0047	0.20	0.0003	0.02	0.23
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.02	0.0003	0.00	0.03
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.03	0.0003	0.01	0.04
Dublin Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.02	0.0003	0.00	0.02
Dudgeon Extension	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.02	0.0003	0.00	0.02
East Anglia One	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
East Anglia One North	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
East Anglia Three	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.04	0.0003	0.00	0.04
East Anglia Two	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Erebus	0.0000	0.623	0.07	0.00	0.0167	0.14	0.0121	0.06	0.0167	0.07	0.28

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.03	0.0003	0.00	0.03
Galloper	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Greater Gabbard	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.01	0.0003	0.00	0.01
Green Volt	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Gwynt y Mor	0.0000	0.623	0.07	0.00	0.0167	0.00	0.0121	0.00	0.0167	0.00	0.01
Hornsea Project One	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0047	0.04	0.0003	0.00	0.05
Hornsea Project Two	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0047	0.02	0.0003	0.00	0.03
Hornsea Three	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.09	0.0003	0.00	0.09
Hornsea Four	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0047	0.01	0.0003	0.00	0.02
Humber Gateway	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Hywind	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0047	0.02	0.0003	0.00	0.02
Kincardine	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
London Array	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Methil Demonstration	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Llŷr 1	0.0000	0.623	0.07	0.00	0.0167	0.16	0.0121	0.03	0.0167	0.02	0.21
Mona	0.0000	0.623	0.07	0.00	0.0167	0.01	0.0121	0.03	0.0167	0.16	0.19
Moor Vannin	0.0000	0.623	0.07	0.00	0.0167	0.05	0.0121	0.01	0.0167	0.10	0.17
Moray East	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Moray West	0.0070	0.623	0.07	0.06	0.0003	0.01	0.0047	0.00	0.0003	0.01	0.07
Morecambe	0.0000	0.623	0.07	0.00	0.0167	0.06	0.0121	0.04	0.0167	0.03	0.13
Morgan	0.0000	0.623	0.07	0.00	0.0167	0.02	0.0121	0.07	0.0167	0.03	0.12
Morven	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Muir Mhor	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0047	0.01	0.0003	0.00	0.02

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Norfolk Boreas	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.03	0.0003	0.00	0.03
Norfolk Vanguard	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.01	0.0003	0.00	0.02
North Falls	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.04	0.0003	0.00	0.05
North Hoyle	0.0000	0.623	0.07	0.00	0.0167	0.00	0.0121	0.00	0.0167	0.00	0.00
North Irish Sea Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.623	0.07	0.00	0.0167	0.00	0.0121	0.00	0.0167	0.00	0.00
Ossian	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.01
Outer Dowsing	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.04	0.0003	0.01	0.05
Pentland Floating Offshore Wind Farm	0.0120	0.623	0.07	0.00	0.0167	0.00	0.0121	0.00	0.0167	0.00	0.01
Race Bank	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Rampion	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.03	0.0003	0.01	0.04
Rampion 2	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.03	0.0003	0.01	0.04
Rhyl Flats	0.0000	0.623	0.07	0.00	0.0167	0.00	0.0121	0.00	0.0167	0.00	0.00
Robin Rigg	0.0000	0.623	0.07	0.00	0.0167	0.00	0.0121	0.00	0.0167	0.00	0.00
Salamander	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Seagreen Bravo	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.03	0.0003	0.00	0.03
Seagreen Alpha	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.03	0.0003	0.00	0.03
Sheringham Shoal	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.01
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0047	0.02	0.0003	0.00	0.03
Teesside	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Thanet	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
Triton Knoll	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.02	0.0003	0.00	0.02
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00	0.0167	0.00	0.0121	0.00	0.0167	0.00	0.00
Walney 1 & 2	0.0000	0.623	0.07	0.00	0.0167	0.00	0.0121	0.00	0.0167	0.00	0.01
Walney Extension	0.0000	0.623	0.07	0.00	0.0167	0.07	0.0121	0.19	0.0167	0.01	0.27
West of Duddon Sands	0.0000	0.623	0.07	0.00	0.0167	0.00	0.0121	0.01	0.0167	0.00	0.02

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Westermost Rough	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0047	0.00	0.0003	0.00	0.00
West of Orkney Offshore Wind Farm	0.1398	0.623	0.07	0.06	0.0167	0.01	0.0121	0.00	0.0167	0.01	0.08
White Cross	0.0000	0.623	0.07	0.00	0.0167	0.00	0.0121	0.02	0.0167	0.03	0.05
Offshore Project	0.3663	0.623	0.07	0.43	0.0167	0.04	0.0121	0.00	0.0167	0.05	0.53
Total mortality (with Berwick Bank Offshore Wind Farm)				0.55	0.71		1.48		0.67		3.41
Total mortality (without Berwick Bank Offshore Wind Farm)				0.55	0.69		1.45		0.66		3.35

Mingulay and Berneray SPA

Table 1-34 Razorbill in-combination displacement mortality apportioned to Mingulay and Berneray SPA (NatureScot Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.01 to 0.04	0.0237	0.02 to 0.06	0.0327	0.07 to 0.20	0.10 to 0.30
Beatrice	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.01	0.0092	0.03 to 0.09	0.0007	0.00 to 0.01	0.04 to 0.11
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.04 to 0.11	0.0092	0.08 to 0.23	0.0007	0.03 to 0.09	0.14 to 0.43
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.01	0.0007	0.00 to 0.00	0.00 to 0.01
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Burbo Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.00 to 0.00	0.0237	0.00 to 0.00	0.0327	0.00 to 0.01	0.00 to 0.01
Burbo Bank Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.00 to 0.01	0.0237	0.00 to 0.01	0.0327	0.00 to 0.01	0.01 to 0.03
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.01 to 0.02	0.0092	0.01 to 0.04	0.0007	0.00 to 0.01	0.02 to 0.07
Cenos	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.01 to 0.02	0.0092	0.10 to 0.29	0.0007	0.02 to 0.05	0.12 to 0.36
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.01 to 0.03	0.0092	0.12 to 0.36	0.0007	0.02 to 0.06	0.15 to 0.45
Dogger Bank South	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.04 to 0.12	0.0092	0.47 to 1.41	0.0007	0.04 to 0.11	0.55 to 1.64
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.05 to 0.16	0.0007	0.01 to 0.02	0.06 to 0.19
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.01	0.0092	0.08 to 0.24	0.0007	0.01 to 0.04	0.10 to 0.29

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dublin Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.04 to 0.12	0.0007	0.00 to 0.00	0.04 to 0.13
Dudgeon Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.01	0.0092	0.04 to 0.11	0.0007	0.00 to 0.00	0.04 to 0.13
East Anglia One	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.01 to 0.03	0.0007	0.00 to 0.00	0.01 to 0.03
East Anglia One North	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.01	0.0007	0.00 to 0.00	0.00 to 0.01
East Anglia Three	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.01	0.0092	0.08 to 0.25	0.0007	0.01 to 0.02	0.09 to 0.28
East Anglia Two	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.01 to 0.02	0.0007	0.00 to 0.00	0.01 to 0.03
Erebus	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.33 to 1.00	0.0237	0.15 to 0.46	0.0327	0.18 to 0.53	0.66 to 1.99
Five Estuaries	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.06 to 0.18	0.0007	0.00 to 0.01	0.06 to 0.19
Galloper	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.01 to 0.02	0.0007	0.00 to 0.00	0.01 to 0.02
Greater Gabbard	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.02 to 0.06	0.0007	0.00 to 0.00	0.02 to 0.07
Green Volt	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Gwynt y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.00 to 0.01	0.0237	0.00 to 0.01	0.0327	0.01 to 0.02	0.02 to 0.05
Hornsea Project One	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.02 to 0.06	0.0092	0.08 to 0.25	0.0007	0.01 to 0.02	0.11 to 0.33
Hornsea Project Two	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.02 to 0.05	0.0092	0.04 to 0.12	0.0007	0.01 to 0.02	0.06 to 0.19
Hornsea Three	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.01 to 0.02	0.0092	0.20 to 0.61	0.0007	0.01 to 0.02	0.22 to 0.65
Hornsea Four	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.02 to 0.05	0.0092	0.03 to 0.08	0.0007	0.00 to 0.01	0.04 to 0.13
Humber Gateway	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.01	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.01
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.01 to 0.04	0.0092	0.04 to 0.11	0.0007	0.00 to 0.00	0.05 to 0.14
Kincardine	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
London Array	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.37 to 1.11	0.0237	0.07 to 0.21	0.0327	0.05 to 0.15	0.49 to 1.47
Mona	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.02 to 0.05	0.0237	0.06 to 0.18	0.0327	0.38 to 1.13	0.45 to 1.36
Moor Vannin	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.13 to 0.38	0.0237	0.03 to 0.09	0.0327	0.23 to 0.70	0.39 to 1.18
Moray East	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.01	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.01 to 0.02
Moray West	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.01 to 0.04	0.0092	0.01 to 0.03	0.0007	0.01 to 0.04	0.04 to 0.12
Morecambe	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.14 to 0.41	0.0237	0.09 to 0.28	0.0327	0.07 to 0.22	0.30 to 0.91
Morgan	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.05 to 0.15	0.0237	0.17 to 0.50	0.0327	0.06 to 0.19	0.28 to 0.84
Morven	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.01 to 0.02	0.0092	0.00 to 0.01	0.0007	0.00 to 0.00	0.01 to 0.03

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.02 to 0.07	0.0092	0.03 to 0.08	0.0007	0.00 to 0.00	0.05 to 0.15
Norfolk Boreas	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.06 to 0.18	0.0007	0.00 to 0.00	0.06 to 0.18
Norfolk Vanguard	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.01	0.0092	0.03 to 0.10	0.0007	0.00 to 0.01	0.04 to 0.13
North Falls	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.10 to 0.30	0.0007	0.01 to 0.02	0.11 to 0.32
North Hoyle	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.00 to 0.00	0.0237	0.00 to 0.00	0.0327	0.00 to 0.01	0.00 to 0.01
North Irish Sea Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ormonde	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.00 to 0.00	0.0237	0.00 to 0.00	0.0327	0.00 to 0.01	0.00 to 0.01
Ossian	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.01 to 0.02	0.0092	0.01 to 0.02	0.0007	0.00 to 0.00	0.01 to 0.04
Outer Dowsing	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.01 to 0.03	0.0092	0.10 to 0.30	0.0007	0.02 to 0.06	0.13 to 0.39
Pentland Floating	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.00 to 0.01	0.0237	0.00 to 0.01	0.0327	0.00 to 0.01	0.01 to 0.03

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Offshore Wind Farm											
Race Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.01
Rampion	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.07 to 0.21	0.0007	0.01 to 0.04	0.08 to 0.25
Rampion 2	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.07 to 0.20	0.0007	0.03 to 0.08	0.09 to 0.28
Rhyl Flats	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.00 to 0.00	0.0237	0.00 to 0.00	0.0327	0.00 to 0.01	0.01 to 0.02
Robin Rigg	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.00 to 0.01	0.0237	0.00 to 0.01	0.0327	0.00 to 0.01	0.01 to 0.02
Salamander	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.01	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.01
Seagreen Bravo	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.06 to 0.18	0.0007	0.00 to 0.00	0.06 to 0.18
Seagreen Alpha	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.07 to 0.21	0.0007	0.00 to 0.00	0.07 to 0.21
Sheringham Shoal	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.01	0.0092	0.01 to 0.04	0.0007	0.00 to 0.00	0.02 to 0.05
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.02 to 0.05	0.0092	0.05 to 0.14	0.0007	0.00 to 0.00	0.06 to 0.19

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Teesside	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.00
Thanet	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.00 to 0.00	0.0007	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.05 to 0.14	0.0007	0.00 to 0.00	0.05 to 0.15
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.00 to 0.00	0.0237	0.01 to 0.02	0.0327	0.00 to 0.01	0.01 to 0.03
Walney 1 & 2	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.00 to 0.01	0.0237	0.00 to 0.01	0.0327	0.01 to 0.02	0.02 to 0.05
Walney Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.17 to 0.51	0.0237	0.44 to 1.31	0.0327	0.02 to 0.05	0.62 to 1.87
West of Duddon Sands	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.00 to 0.01	0.0237	0.03 to 0.09	0.0327	0.01 to 0.02	0.04 to 0.11
Westermest Rough	0.0000	0.623	0.07	0.00 to 0.00	0.0007	0.00 to 0.00	0.0092	0.01 to 0.03	0.0007	0.00 to 0.00	0.01 to 0.03
West of Orkney Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.02 to 0.07	0.0237	0.00 to 0.01	0.0327	0.03 to 0.08	0.05 to 0.15

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
White Cross	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.01 to 0.02	0.0237	0.05 to 0.15	0.0327	0.07 to 0.20	0.13 to 0.38
Offshore Project	0.0000	0.623	0.07	0.00 to 0.00	0.0327	0.09 to 0.27	0.0237	0.00 to 0.00	0.0327	0.13 to 0.38	0.22 to 0.66
Total mortality (with Berwick Bank Offshore Wind Farm)				0.00 to 0.00	1.66 to 4.97		3.47 to 10.42		1.58 to 4.75		6.71 to 20.14
Total mortality (without Berwick Bank Offshore Wind Farm)				0.00 to 0.00	1.62 to 4.86		3.40 to 10.19		1.55 to 4.66		6.57 to 19.71

Table 1-35 Razorbill in-combination displacement mortality apportioned to Mingulay and Berneray SPA (Applicant Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.623	0.07	0.00	0.0327	0.01	0.0237	0.02	0.0327	0.05	0.08
Beatrice	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.03	0.0007	0.00	0.03

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0007	0.03	0.0092	0.06	0.0007	0.03	0.12
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
Burbo Bank	0.0000	0.623	0.07	0.00	0.0327	0.00	0.0237	0.00	0.0327	0.00	0.00
Burbo Bank Extension	0.0000	0.623	0.07	0.00	0.0327	0.00	0.0237	0.00	0.0327	0.00	0.01
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0007	0.01	0.0092	0.01	0.0007	0.00	0.02
Cenos	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
Codling Wind Park	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00	0.0007	0.01	0.0092	0.08	0.0007	0.01	0.10

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00	0.0007	0.01	0.0092	0.10	0.0007	0.02	0.12
Dogger Bank South	0.0000	0.623	0.07	0.00	0.0007	0.03	0.0092	0.39	0.0007	0.03	0.46
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.04	0.0007	0.01	0.05
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.07	0.0007	0.01	0.08
Dublin Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.03	0.0007	0.00	0.04
Dudgeon Extension	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.03	0.0007	0.00	0.03
East Anglia One	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.01	0.0007	0.00	0.01
East Anglia One North	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
East Anglia Three	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.07	0.0007	0.01	0.08
East Anglia Two	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.01	0.0007	0.00	0.01
Erebus	0.0000	0.623	0.07	0.00	0.0327	0.28	0.0237	0.13	0.0327	0.15	0.55

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.05	0.0007	0.00	0.05
Galloper	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.01
Greater Gabbard	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.02	0.0007	0.00	0.02
Green Volt	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
Gwynt y Mor	0.0000	0.623	0.07	0.00	0.0327	0.00	0.0237	0.00	0.0327	0.01	0.01
Hornsea Project One	0.0000	0.623	0.07	0.00	0.0007	0.02	0.0092	0.07	0.0007	0.01	0.09
Hornsea Project Two	0.0000	0.623	0.07	0.00	0.0007	0.01	0.0092	0.03	0.0007	0.01	0.05
Hornsea Three	0.0000	0.623	0.07	0.00	0.0007	0.01	0.0092	0.17	0.0007	0.00	0.18
Hornsea Four	0.0000	0.623	0.07	0.00	0.0007	0.01	0.0092	0.02	0.0007	0.00	0.04
Humber Gateway	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
Hywind	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0007	0.01	0.0092	0.03	0.0007	0.00	0.04
Kincardine	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
London Array	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
Methil Demonstration	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
Llŷr 1	0.0000	0.623	0.07	0.00	0.0327	0.31	0.0237	0.06	0.0327	0.04	0.41
Mona	0.0000	0.623	0.07	0.00	0.0327	0.01	0.0237	0.05	0.0327	0.31	0.38
Moor Vannin	0.0000	0.623	0.07	0.00	0.0327	0.11	0.0237	0.03	0.0327	0.19	0.33
Moray East	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.01
Moray West	0.0000	0.623	0.07	0.00	0.0007	0.01	0.0092	0.01	0.0007	0.01	0.03
Morecambe	0.0000	0.623	0.07	0.00	0.0327	0.11	0.0237	0.08	0.0327	0.06	0.25
Morgan	0.0000	0.623	0.07	0.00	0.0327	0.04	0.0237	0.14	0.0327	0.05	0.23
Morven	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
Muir Mhor	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.01
Near na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0007	0.02	0.0092	0.02	0.0007	0.00	0.04

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Norfolk Boreas	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.05	0.0007	0.00	0.05
Norfolk Vanguard	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.03	0.0007	0.00	0.04
North Falls	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.08	0.0007	0.01	0.09
North Hoyle	0.0000	0.623	0.07	0.00	0.0327	0.00	0.0237	0.00	0.0327	0.00	0.00
North Irish Sea Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.623	0.07	0.00	0.0327	0.00	0.0237	0.00	0.0327	0.00	0.00
Ossian	0.0000	0.623	0.07	0.00	0.0007	0.01	0.0092	0.01	0.0007	0.00	0.01
Outer Dowsing	0.0000	0.623	0.07	0.00	0.0007	0.01	0.0092	0.08	0.0007	0.02	0.11
Pentland Floating Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0327	0.00	0.0237	0.00	0.0327	0.00	0.01
Race Bank	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
Rampion	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.06	0.0007	0.01	0.07
Rampion 2	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.06	0.0007	0.02	0.08
Rhyl Flats	0.0000	0.623	0.07	0.00	0.0327	0.00	0.0237	0.00	0.0327	0.00	0.00
Robin Rigg	0.0000	0.623	0.07	0.00	0.0327	0.00	0.0237	0.00	0.0327	0.00	0.01
Salamander	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Seagreen Bravo	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.05	0.0007	0.00	0.05
Seagreen Alpha	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.06	0.0007	0.00	0.06
Sheringham Shoal	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.01	0.0007	0.00	0.01
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00	0.0007	0.01	0.0092	0.04	0.0007	0.00	0.05
Teesside	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
Thanet	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.00	0.0007	0.00	0.00
Triton Knoll	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.04	0.0007	0.00	0.04
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00	0.0327	0.00	0.0237	0.01	0.0327	0.00	0.01
Walney 1 & 2	0.0000	0.623	0.07	0.00	0.0327	0.00	0.0237	0.00	0.0327	0.01	0.01
Walney Extension	0.0000	0.623	0.07	0.00	0.0327	0.14	0.0237	0.36	0.0327	0.01	0.52
West of Duddon Sands	0.0000	0.623	0.07	0.00	0.0327	0.00	0.0237	0.02	0.0327	0.00	0.03

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Westermest Rough	0.0000	0.623	0.07	0.00	0.0007	0.00	0.0092	0.01	0.0007	0.00	0.01
West of Orkney Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0327	0.02	0.0237	0.00	0.0327	0.02	0.04
White Cross	0.0000	0.623	0.07	0.00	0.0327	0.01	0.0237	0.04	0.0327	0.06	0.11
Offshore Project	0.0000	0.623	0.07	0.00	0.0327	0.08	0.0237	0.00	0.0327	0.11	0.18
Total mortality (with Berwick Bank Offshore Wind Farm)				0.00	1.38		2.89		1.32		5.60
Total mortality (without Berwick Bank Offshore Wind Farm)				0.00	1.35		2.83		1.29		5.47

Rathlin Island SPA

Table 1-36 Razorbill in-combination displacement mortality apportioned to Rathlin Island SPA (NatureScot Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.02 to 0.06	0.0361	0.03 to 0.10	0.0497	0.10 to 0.30	0.15 to 0.46
Beatrice	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.01 to 0.02	0.0070	0.02 to 0.07	0.0010	0.01 to 0.02	0.03 to 0.10
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.06 to 0.17	0.0070	0.06 to 0.18	0.0010	0.05 to 0.14	0.16 to 0.48
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.01	0.0010	0.00 to 0.00	0.00 to 0.01
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Burbo Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.00 to 0.01	0.0361	0.00 to 0.01	0.0497	0.00 to 0.01	0.01 to 0.02
Burbo Bank Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.00 to 0.01	0.0361	0.01 to 0.02	0.0497	0.01 to 0.02	0.02 to 0.05
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.01 to 0.03	0.0070	0.01 to 0.03	0.0010	0.00 to 0.01	0.03 to 0.08
Cenos	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.01 to 0.03	0.0070	0.07 to 0.22	0.0010	0.03 to 0.08	0.11 to 0.33
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.01 to 0.04	0.0070	0.09 to 0.27	0.0010	0.03 to 0.10	0.14 to 0.41
Dogger Bank South	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.06 to 0.19	0.0070	0.36 to 1.07	0.0010	0.06 to 0.17	0.48 to 1.43
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.01	0.0070	0.04 to 0.12	0.0010	0.01 to 0.04	0.05 to 0.16
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.01	0.0070	0.06 to 0.19	0.0010	0.02 to 0.06	0.08 to 0.25

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dublin Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.01	0.0070	0.03 to 0.09	0.0010	0.00 to 0.01	0.04 to 0.11
Dudgeon Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.01	0.0070	0.03 to 0.09	0.0010	0.00 to 0.00	0.03 to 0.10
East Anglia One	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.01 to 0.02	0.0010	0.00 to 0.01	0.01 to 0.03
East Anglia One North	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.01	0.0010	0.00 to 0.00	0.00 to 0.01
East Anglia Three	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.01 to 0.02	0.0070	0.06 to 0.19	0.0010	0.01 to 0.03	0.08 to 0.24
East Anglia Two	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.01 to 0.02	0.0010	0.00 to 0.00	0.01 to 0.02
Erebus	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.51 to 1.53	0.0361	0.23 to 0.69	0.0497	0.27 to 0.80	1.01 to 3.02
Five Estuaries	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.01	0.0070	0.05 to 0.14	0.0010	0.01 to 0.02	0.05 to 0.16
Galloper	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.01	0.0010	0.00 to 0.01	0.01 to 0.02
Greater Gabbard	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.02 to 0.05	0.0010	0.00 to 0.00	0.02 to 0.05
Green Volt	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Gwynt y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.01 to 0.02	0.0361	0.01 to 0.02	0.0497	0.01 to 0.03	0.03 to 0.08
Hornsea Project One	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.03 to 0.09	0.0070	0.06 to 0.19	0.0010	0.01 to 0.03	0.11 to 0.32
Hornsea Project Two	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.03 to 0.08	0.0070	0.03 to 0.09	0.0010	0.01 to 0.03	0.07 to 0.20
Hornsea Three	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.01 to 0.04	0.0070	0.15 to 0.46	0.0010	0.01 to 0.02	0.17 to 0.52
Hornsea Four	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.03 to 0.08	0.0070	0.02 to 0.06	0.0010	0.00 to 0.01	0.05 to 0.15
Humber Gateway	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.01	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.01
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.02 to 0.05	0.0070	0.03 to 0.08	0.0010	0.00 to 0.00	0.05 to 0.14
Kincardine	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
London Array	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.56 to 1.69	0.0361	0.11 to 0.32	0.0497	0.08 to 0.23	0.75 to 2.24
Mona	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.03 to 0.08	0.0361	0.09 to 0.27	0.0497	0.57 to 1.72	0.69 to 2.08
Moor Vannin	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.19 to 0.58	0.0361	0.05 to 0.14	0.0497	0.36 to 1.07	0.60 to 1.79
Moray East	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.01 to 0.02	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.01 to 0.03
Moray West	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.02 to 0.07	0.0070	0.01 to 0.02	0.0010	0.02 to 0.07	0.05 to 0.16
Morecambe	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.21 to 0.62	0.0361	0.14 to 0.42	0.0497	0.11 to 0.34	0.46 to 1.39
Morgan	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.08 to 0.23	0.0361	0.25 to 0.76	0.0497	0.10 to 0.29	0.43 to 1.28
Morven	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.01 to 0.03	0.0070	0.00 to 0.01	0.0010	0.00 to 0.00	0.01 to 0.03

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.03 to 0.10	0.0070	0.02 to 0.06	0.0010	0.00 to 0.00	0.06 to 0.17
Norfolk Boreas	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.04 to 0.13	0.0010	0.00 to 0.01	0.05 to 0.15
Norfolk Vanguard	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.01 to 0.02	0.0070	0.03 to 0.08	0.0010	0.01 to 0.02	0.04 to 0.11
North Falls	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.08 to 0.23	0.0010	0.01 to 0.03	0.09 to 0.26
North Hoyle	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.00 to 0.01	0.0361	0.00 to 0.00	0.0497	0.00 to 0.01	0.01 to 0.02
North Irish Sea Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Oriel	0.1600	0.623	0.07	0.02 to 0.03	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.02 to 0.03
Ormonde	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.00 to 0.01	0.0361	0.00 to 0.01	0.0497	0.00 to 0.01	0.01 to 0.02
Ossian	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.01 to 0.03	0.0070	0.01 to 0.02	0.0010	0.00 to 0.00	0.02 to 0.05
Outer Dowsing	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.01 to 0.04	0.0070	0.08 to 0.23	0.0010	0.03 to 0.10	0.12 to 0.36
Pentland Floating	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.01 to 0.02	0.0361	0.00 to 0.01	0.0497	0.00 to 0.01	0.01 to 0.04

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Offshore Wind Farm											
Race Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.01
Rampion	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.05 to 0.16	0.0010	0.02 to 0.06	0.07 to 0.22
Rampion 2	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.05 to 0.15	0.0010	0.04 to 0.12	0.09 to 0.27
Rhyl Flats	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.00 to 0.01	0.0361	0.00 to 0.01	0.0497	0.00 to 0.01	0.01 to 0.02
Robin Rigg	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.00 to 0.01	0.0361	0.00 to 0.01	0.0497	0.00 to 0.01	0.01 to 0.03
Salamander	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.01	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.01
Seagreen Bravo	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.05 to 0.14	0.0010	0.00 to 0.00	0.05 to 0.14
Seagreen Alpha	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.05 to 0.16	0.0010	0.00 to 0.00	0.05 to 0.16
Sheringham Shoal	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.01 to 0.02	0.0070	0.01 to 0.03	0.0010	0.00 to 0.00	0.02 to 0.05
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.02 to 0.07	0.0070	0.04 to 0.11	0.0010	0.00 to 0.01	0.06 to 0.18

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Teesside	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.00
Thanet	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.00 to 0.00	0.0010	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.04 to 0.11	0.0010	0.00 to 0.00	0.04 to 0.12
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.00 to 0.00	0.0361	0.01 to 0.03	0.0497	0.00 to 0.01	0.02 to 0.05
Walney 1 & 2	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.01 to 0.02	0.0361	0.01 to 0.02	0.0497	0.01 to 0.04	0.03 to 0.08
Walney Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.26 to 0.78	0.0361	0.66 to 1.99	0.0497	0.02 to 0.07	0.95 to 2.85
West of Duddon Sands	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.01 to 0.02	0.0361	0.04 to 0.13	0.0497	0.01 to 0.03	0.06 to 0.17
Westermest Rough	0.0000	0.623	0.07	0.00 to 0.00	0.0010	0.00 to 0.00	0.0070	0.01 to 0.02	0.0010	0.00 to 0.00	0.01 to 0.02
West of Orkney Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.03 to 0.10	0.0361	0.00 to 0.01	0.0497	0.04 to 0.12	0.08 to 0.23

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
White Cross	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.01 to 0.04	0.0361	0.08 to 0.23	0.0497	0.10 to 0.31	0.19 to 0.58
Offshore Project	0.0000	0.623	0.07	0.00 to 0.00	0.0497	0.14 to 0.42	0.0361	0.00 to 0.00	0.0497	0.19 to 0.58	0.33 to 1.00
Total mortality (with Berwick Bank Offshore Wind Farm)				0.02 to 0.03	2.52 to 7.57		3.51 to 10.54		2.41 to 7.24		8.47 to 25.38
Total mortality (without Berwick Bank Offshore Wind Farm)				0.02 to 0.03	2.47 to 7.40		3.45 to 10.36		2.37 to 7.10		8.31 to 24.89

Table 1-37 Razorbill in-combination displacement mortality apportioned to Rathlin Island SPA (Applicant Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.623	0.07	0.00	0.0497	0.02	0.0361	0.03	0.0497	0.08	0.13
Beatrice	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.02	0.0010	0.00	0.03

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0010	0.05	0.0070	0.05	0.0010	0.04	0.13
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
Burbo Bank	0.0000	0.623	0.07	0.00	0.0497	0.00	0.0361	0.00	0.0497	0.00	0.01
Burbo Bank Extension	0.0000	0.623	0.07	0.00	0.0497	0.00	0.0361	0.01	0.0497	0.01	0.01
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0010	0.01	0.0070	0.01	0.0010	0.00	0.02
Cenos	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
Codling Wind Park	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00	0.0010	0.01	0.0070	0.06	0.0010	0.02	0.09

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00	0.0010	0.01	0.0070	0.08	0.0010	0.03	0.11
Dogger Bank South	0.0000	0.623	0.07	0.00	0.0010	0.05	0.0070	0.30	0.0010	0.05	0.40
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.03	0.0010	0.01	0.05
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.05	0.0010	0.02	0.07
Dublin Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.03	0.0010	0.00	0.03
Dudgeon Extension	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.02	0.0010	0.00	0.03
East Anglia One	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.01	0.0010	0.00	0.01
East Anglia One North	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
East Anglia Three	0.0000	0.623	0.07	0.00	0.0010	0.01	0.0070	0.05	0.0010	0.01	0.07
East Anglia Two	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.01
Erebus	0.0000	0.623	0.07	0.00	0.0497	0.42	0.0361	0.19	0.0497	0.22	0.84

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.04	0.0010	0.01	0.04
Galloper	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.01
Greater Gabbard	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.01	0.0010	0.00	0.01
Green Volt	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
Gwynt y Mor	0.0000	0.623	0.07	0.00	0.0497	0.01	0.0361	0.01	0.0497	0.01	0.02
Hornsea Project One	0.0000	0.623	0.07	0.00	0.0010	0.03	0.0070	0.05	0.0010	0.01	0.09
Hornsea Project Two	0.0000	0.623	0.07	0.00	0.0010	0.02	0.0070	0.03	0.0010	0.01	0.06
Hornsea Three	0.0000	0.623	0.07	0.00	0.0010	0.01	0.0070	0.13	0.0010	0.01	0.15
Hornsea Four	0.0000	0.623	0.07	0.00	0.0010	0.02	0.0070	0.02	0.0010	0.00	0.04
Humber Gateway	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
Hywind	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0010	0.01	0.0070	0.02	0.0010	0.00	0.04
Kincardine	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
London Array	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
Methil Demonstration	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
Llŷr 1	0.0000	0.623	0.07	0.00	0.0497	0.47	0.0361	0.09	0.0497	0.06	0.62
Mona	0.0000	0.623	0.07	0.00	0.0497	0.02	0.0361	0.08	0.0497	0.48	0.58
Moor Vannin	0.0000	0.623	0.07	0.00	0.0497	0.16	0.0361	0.04	0.0497	0.30	0.50
Moray East	0.0000	0.623	0.07	0.00	0.0010	0.01	0.0070	0.00	0.0010	0.00	0.01
Moray West	0.0000	0.623	0.07	0.00	0.0010	0.02	0.0070	0.01	0.0010	0.02	0.04
Morecambe	0.0000	0.623	0.07	0.00	0.0497	0.17	0.0361	0.12	0.0497	0.09	0.38
Morgan	0.0000	0.623	0.07	0.00	0.0497	0.06	0.0361	0.21	0.0497	0.08	0.36
Morven	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
Muir Mhor	0.0000	0.623	0.07	0.00	0.0010	0.01	0.0070	0.00	0.0010	0.00	0.01
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0010	0.03	0.0070	0.02	0.0010	0.00	0.05

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Norfolk Boreas	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.04	0.0010	0.00	0.04
Norfolk Vanguard	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.02	0.0010	0.00	0.03
North Falls	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.06	0.0010	0.01	0.07
North Hoyle	0.0000	0.623	0.07	0.00	0.0497	0.00	0.0361	0.00	0.0497	0.00	0.01
North Irish Sea Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.1600	0.623	0.07	0.01	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.01
Ormonde	0.0000	0.623	0.07	0.00	0.0497	0.00	0.0361	0.00	0.0497	0.00	0.01
Ossian	0.0000	0.623	0.07	0.00	0.0010	0.01	0.0070	0.00	0.0010	0.00	0.01
Outer Dowsing	0.0000	0.623	0.07	0.00	0.0010	0.01	0.0070	0.06	0.0010	0.03	0.10
Pentland Floating Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0497	0.00	0.0361	0.00	0.0497	0.00	0.01
Race Bank	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
Rampion	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.04	0.0010	0.02	0.06
Rampion 2	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.04	0.0010	0.03	0.07
Rhyl Flats	0.0000	0.623	0.07	0.00	0.0497	0.00	0.0361	0.00	0.0497	0.00	0.01
Robin Rigg	0.0000	0.623	0.07	0.00	0.0497	0.00	0.0361	0.00	0.0497	0.00	0.01
Salamander	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Seagreen Bravo	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.04	0.0010	0.00	0.04
Seagreen Alpha	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.04	0.0010	0.00	0.04
Sheringham Shoal	0.0000	0.623	0.07	0.00	0.0010	0.01	0.0070	0.01	0.0010	0.00	0.01
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00	0.0010	0.02	0.0070	0.03	0.0010	0.00	0.05
Teesside	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
Thanet	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.00	0.0010	0.00	0.00
Triton Knoll	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.03	0.0010	0.00	0.03
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00	0.0497	0.00	0.0361	0.01	0.0497	0.00	0.01
Walney 1 & 2	0.0000	0.623	0.07	0.00	0.0497	0.01	0.0361	0.01	0.0497	0.01	0.02
Walney Extension	0.0000	0.623	0.07	0.00	0.0497	0.22	0.0361	0.55	0.0497	0.02	0.79
West of Duddon Sands	0.0000	0.623	0.07	0.00	0.0497	0.00	0.0361	0.04	0.0497	0.01	0.05

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Westermost Rough	0.0000	0.623	0.07	0.00	0.0010	0.00	0.0070	0.01	0.0010	0.00	0.01
West of Orkney Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0497	0.03	0.0361	0.00	0.0497	0.03	0.06
White Cross	0.0000	0.623	0.07	0.00	0.0497	0.01	0.0361	0.07	0.0497	0.09	0.16
Offshore Project	0.0000	0.623	0.07	0.00	0.0497	0.12	0.0361	0.00	0.0497	0.16	0.28
Total mortality (with Berwick Bank Offshore Wind Farm)				0.01	2.10		2.93		2.01		7.05
Total mortality (without Berwick Bank Offshore Wind Farm)				0.01	2.06		2.88		1.97		6.91

Shiant Isles SPA

Table 1-38 Razorbill in-combination displacement mortality apportioned to Shiant Isles SPA (NatureScot Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.01 to 0.02	0.0100	0.01 to 0.03	0.0137	0.03 to 0.08	0.04 to 0.13
Beatrice	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.01 to 0.04	0.0003	0.00 to 0.00	0.02 to 0.05
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.02 to 0.05	0.0039	0.03 to 0.10	0.0003	0.01 to 0.04	0.06 to 0.18
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.01
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Burbo Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.00 to 0.00	0.0100	0.00 to 0.00	0.0137	0.00 to 0.00	0.00 to 0.01
Burbo Bank Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.00 to 0.00	0.0100	0.00 to 0.01	0.0137	0.00 to 0.01	0.00 to 0.01
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0039	0.01 to 0.02	0.0003	0.00 to 0.00	0.01 to 0.03
Cenos	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0039	0.04 to 0.12	0.0003	0.01 to 0.02	0.05 to 0.15
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0039	0.05 to 0.15	0.0003	0.01 to 0.03	0.06 to 0.19
Dogger Bank South	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.02 to 0.05	0.0039	0.20 to 0.59	0.0003	0.02 to 0.05	0.23 to 0.69
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.02 to 0.07	0.0003	0.00 to 0.01	0.03 to 0.08
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.03 to 0.10	0.0003	0.01 to 0.02	0.04 to 0.12

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dublin Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.02 to 0.05	0.0003	0.00 to 0.00	0.02 to 0.06
Dudgeon Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.02 to 0.05	0.0003	0.00 to 0.00	0.02 to 0.05
East Anglia One	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.01	0.0003	0.00 to 0.00	0.00 to 0.01
East Anglia One North	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.01
East Anglia Three	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0039	0.03 to 0.10	0.0003	0.00 to 0.01	0.04 to 0.12
East Anglia Two	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.01	0.0003	0.00 to 0.00	0.00 to 0.01
Erebus	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.14 to 0.42	0.0100	0.06 to 0.19	0.0137	0.07 to 0.22	0.28 to 0.83
Five Estuaries	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.02 to 0.07	0.0003	0.00 to 0.01	0.03 to 0.08
Galloper	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.01	0.0003	0.00 to 0.00	0.00 to 0.01
Greater Gabbard	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.01 to 0.03	0.0003	0.00 to 0.00	0.01 to 0.03
Green Volt	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Gwynt y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.00 to 0.01	0.0100	0.00 to 0.01	0.0137	0.00 to 0.01	0.01 to 0.02
Hornsea Project One	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.01 to 0.02	0.0039	0.04 to 0.11	0.0003	0.00 to 0.01	0.05 to 0.14
Hornsea Project Two	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.01 to 0.02	0.0039	0.02 to 0.05	0.0003	0.00 to 0.01	0.03 to 0.08
Hornsea Three	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0039	0.09 to 0.26	0.0003	0.00 to 0.01	0.09 to 0.27
Hornsea Four	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.01 to 0.02	0.0039	0.01 to 0.03	0.0003	0.00 to 0.00	0.02 to 0.06
Humber Gateway	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0039	0.02 to 0.05	0.0003	0.00 to 0.00	0.02 to 0.06
Kincardine	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
London Array	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.16 to 0.47	0.0100	0.03 to 0.09	0.0137	0.02 to 0.06	0.21 to 0.62
Mona	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.01 to 0.02	0.0100	0.03 to 0.08	0.0137	0.16 to 0.48	0.19 to 0.57
Moor Vannin	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.05 to 0.16	0.0100	0.01 to 0.04	0.0137	0.10 to 0.29	0.16 to 0.49
Moray East	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.01
Moray West	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.01 to 0.02	0.0039	0.00 to 0.01	0.0003	0.01 to 0.02	0.02 to 0.05
Morecambe	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.06 to 0.17	0.0100	0.04 to 0.12	0.0137	0.03 to 0.09	0.13 to 0.38
Morgan	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.02 to 0.06	0.0100	0.07 to 0.21	0.0137	0.03 to 0.08	0.12 to 0.35
Morven	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.01 to 0.03	0.0039	0.01 to 0.04	0.0003	0.00 to 0.00	0.02 to 0.06
Norfolk Boreas	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.02 to 0.07	0.0003	0.00 to 0.00	0.03 to 0.08
Norfolk Vanguard	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.01 to 0.04	0.0003	0.00 to 0.00	0.02 to 0.05
North Falls	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.04 to 0.12	0.0003	0.00 to 0.01	0.04 to 0.13
North Hoyle	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.00 to 0.00	0.0100	0.00 to 0.00	0.0137	0.00 to 0.00	0.00 to 0.01
North Irish Sea Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ormonde	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.00 to 0.00	0.0100	0.00 to 0.00	0.0137	0.00 to 0.00	0.00 to 0.01
Ossian	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0039	0.00 to 0.01	0.0003	0.00 to 0.00	0.01 to 0.02
Outer Dowsing	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0039	0.04 to 0.12	0.0003	0.01 to 0.03	0.05 to 0.16
Pentland Floating	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.00 to 0.00	0.0100	0.00 to 0.00	0.0137	0.00 to 0.00	0.00 to 0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Offshore Wind Farm											
Race Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.03 to 0.09	0.0003	0.01 to 0.02	0.03 to 0.10
Rampion 2	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.03 to 0.08	0.0003	0.01 to 0.03	0.04 to 0.12
Rhyl Flats	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.00 to 0.00	0.0100	0.00 to 0.00	0.0137	0.00 to 0.00	0.00 to 0.01
Robin Rigg	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.00 to 0.00	0.0100	0.00 to 0.00	0.0137	0.00 to 0.00	0.00 to 0.01
Salamander	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.03 to 0.08	0.0003	0.00 to 0.00	0.03 to 0.08
Seagreen Alpha	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.03 to 0.09	0.0003	0.00 to 0.00	0.03 to 0.09
Sheringham Shoal	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.01	0.0039	0.00 to 0.01	0.0003	0.00 to 0.00	0.01 to 0.02
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.01 to 0.02	0.0039	0.02 to 0.06	0.0003	0.00 to 0.00	0.03 to 0.08

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Teesside	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Thanet	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.00	0.0003	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.02 to 0.06	0.0003	0.00 to 0.00	0.02 to 0.06
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.00 to 0.00	0.0100	0.00 to 0.01	0.0137	0.00 to 0.00	0.00 to 0.01
Walney 1 & 2	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.00 to 0.01	0.0100	0.00 to 0.01	0.0137	0.00 to 0.01	0.01 to 0.02
Walney Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.07 to 0.22	0.0100	0.18 to 0.55	0.0137	0.01 to 0.02	0.26 to 0.79
West of Duddon Sands	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.00 to 0.00	0.0100	0.01 to 0.04	0.0137	0.00 to 0.01	0.02 to 0.05
Westermest Rough	0.0000	0.623	0.07	0.00 to 0.00	0.0003	0.00 to 0.00	0.0039	0.00 to 0.01	0.0003	0.00 to 0.00	0.00 to 0.01
West of Orkney Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.01 to 0.03	0.0100	0.00 to 0.00	0.0137	0.01 to 0.03	0.02 to 0.06

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
White Cross	0.0000	0.623	0.07	0.00 to 0.00	0.0137	0.00 to 0.01	0.0100	0.02 to 0.06	0.0137	0.03 to 0.09	0.05 to 0.16
Offshore Project	0.2912	0.623	0.07	1.24 to 2.07	0.0137	0.04 to 0.12	0.0100	0.00 to 0.00	0.0137	0.05 to 0.16	1.34 to 2.35
Total mortality (with Berwick Bank Offshore Wind Farm)				1.24 to 2.07	0.70 to 2.09		1.46 to 4.38		0.67 to 2.00		4.07 to 10.54
Total mortality (without Berwick Bank Offshore Wind Farm)				1.24 to 2.07	0.68 to 2.04		1.43 to 4.28		0.65 to 1.96		4.01 to 10.36

Table 1-39 Razorbill in-combination displacement mortality apportioned to Shiant Isles SPA (Applicant Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.623	0.07	0.00	0.0137	0.00	0.0100	0.01	0.0137	0.02	0.04
Beatrice	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.01	0.0003	0.00	0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0039	0.03	0.0003	0.01	0.05
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Burbo Bank	0.0000	0.623	0.07	0.00	0.0137	0.00	0.0100	0.00	0.0137	0.00	0.00
Burbo Bank Extension	0.0000	0.623	0.07	0.00	0.0137	0.00	0.0100	0.00	0.0137	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.01
Cenos	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Codling Wind Park	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.03	0.0003	0.01	0.04

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.04	0.0003	0.01	0.05
Dogger Bank South	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0039	0.16	0.0003	0.01	0.19
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.02	0.0003	0.00	0.02
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.03	0.0003	0.00	0.03
Dublin Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.01	0.0003	0.00	0.02
Dudgeon Extension	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.01	0.0003	0.00	0.01
East Anglia One	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
East Anglia One North	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
East Anglia Three	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.03	0.0003	0.00	0.03
East Anglia Two	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Erebus	0.0000	0.623	0.07	0.00	0.0137	0.12	0.0100	0.05	0.0137	0.06	0.23

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.02	0.0003	0.00	0.02
Galloper	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Greater Gabbard	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.01	0.0003	0.00	0.01
Green Volt	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Gwynt y Mor	0.0000	0.623	0.07	0.00	0.0137	0.00	0.0100	0.00	0.0137	0.00	0.01
Hornsea Project One	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0039	0.03	0.0003	0.00	0.04
Hornsea Project Two	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0039	0.01	0.0003	0.00	0.02
Hornsea Three	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.07	0.0003	0.00	0.08
Hornsea Four	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0039	0.01	0.0003	0.00	0.02
Humber Gateway	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Hywind	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.01	0.0003	0.00	0.02
Kincardine	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
London Array	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Methil Demonstration	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Llŷr 1	0.0000	0.623	0.07	0.00	0.0137	0.13	0.0100	0.02	0.0137	0.02	0.17
Mona	0.0000	0.623	0.07	0.00	0.0137	0.01	0.0100	0.02	0.0137	0.13	0.16
Moor Vannin	0.0000	0.623	0.07	0.00	0.0137	0.04	0.0100	0.01	0.0137	0.08	0.14
Moray East	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Moray West	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0039	0.00	0.0003	0.01	0.01
Morecambe	0.0000	0.623	0.07	0.00	0.0137	0.05	0.0100	0.03	0.0137	0.03	0.11
Morgan	0.0000	0.623	0.07	0.00	0.0137	0.02	0.0100	0.06	0.0137	0.02	0.10
Morven	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Muir Mhor	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0039	0.01	0.0003	0.00	0.02

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Norfolk Boreas	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.02	0.0003	0.00	0.02
Norfolk Vanguard	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.01	0.0003	0.00	0.01
North Falls	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.03	0.0003	0.00	0.04
North Hoyle	0.0000	0.623	0.07	0.00	0.0137	0.00	0.0100	0.00	0.0137	0.00	0.00
North Irish Sea Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.623	0.07	0.00	0.0137	0.00	0.0100	0.00	0.0137	0.00	0.00
Ossian	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.01
Outer Dowsing	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.03	0.0003	0.01	0.05
Pentland Floating Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0137	0.00	0.0100	0.00	0.0137	0.00	0.00
Race Bank	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Rampion	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.02	0.0003	0.00	0.03
Rampion 2	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.02	0.0003	0.01	0.03
Rhyl Flats	0.0000	0.623	0.07	0.00	0.0137	0.00	0.0100	0.00	0.0137	0.00	0.00
Robin Rigg	0.0000	0.623	0.07	0.00	0.0137	0.00	0.0100	0.00	0.0137	0.00	0.00
Salamander	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Seagreen Bravo	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.02	0.0003	0.00	0.02
Seagreen Alpha	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.02	0.0003	0.00	0.02
Sheringham Shoal	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.01
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00	0.0003	0.01	0.0039	0.02	0.0003	0.00	0.02
Teesside	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Thanet	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
Triton Knoll	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.02	0.0003	0.00	0.02
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00	0.0137	0.00	0.0100	0.00	0.0137	0.00	0.00
Walney 1 & 2	0.0000	0.623	0.07	0.00	0.0137	0.00	0.0100	0.00	0.0137	0.00	0.01
Walney Extension	0.0000	0.623	0.07	0.00	0.0137	0.06	0.0100	0.15	0.0137	0.01	0.22
West of Duddon Sands	0.0000	0.623	0.07	0.00	0.0137	0.00	0.0100	0.01	0.0137	0.00	0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Westermost Rough	0.0000	0.623	0.07	0.00	0.0003	0.00	0.0039	0.00	0.0003	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0137	0.01	0.0100	0.00	0.0137	0.01	0.02
White Cross	0.0000	0.623	0.07	0.00	0.0137	0.00	0.0100	0.02	0.0137	0.02	0.04
Offshore Project	0.2912	0.623	0.07	0.35	0.0137	0.03	0.0100	0.00	0.0137	0.04	0.42
Total mortality (with Berwick Bank Offshore Wind Farm)				0.35	0.58		1.22		0.55		2.70
Total mortality (without Berwick Bank Offshore Wind Farm)				0.35	0.57		1.19		0.54		2.65

Skomer, Skokholm and the Seas off Pembrokeshire SPA

Table 1-40 Razorbill in-combination displacement mortality apportioned to Skomer, Skokholm and the Seas off Pembrokeshire SPA (NatureScot Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.01 to 0.02	0.0105	0.01 to 0.03	0.0194	0.04 to 0.12	0.06 to 0.17
Beatrice	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.01	0.0027	0.01 to 0.03	0.0004	0.00 to 0.01	0.01 to 0.04
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.02 to 0.06	0.0027	0.02 to 0.07	0.0004	0.02 to 0.05	0.06 to 0.19
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Burbo Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.00 to 0.00	0.0105	0.00 to 0.00	0.0194	0.00 to 0.00	0.00 to 0.01
Burbo Bank Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.00 to 0.00	0.0105	0.00 to 0.01	0.0194	0.00 to 0.01	0.01 to 0.02
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.01	0.0027	0.00 to 0.01	0.0004	0.00 to 0.00	0.01 to 0.03
Cenos	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.01	0.0027	0.03 to 0.09	0.0004	0.01 to 0.03	0.04 to 0.13
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.01 to 0.02	0.0027	0.04 to 0.11	0.0004	0.01 to 0.04	0.05 to 0.16
Dogger Bank South	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.02 to 0.07	0.0027	0.14 to 0.42	0.0004	0.02 to 0.07	0.19 to 0.56
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.02 to 0.05	0.0004	0.00 to 0.01	0.02 to 0.06
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.02 to 0.07	0.0004	0.01 to 0.02	0.03 to 0.10

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dublin Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.01 to 0.04	0.0004	0.00 to 0.00	0.01 to 0.04
Dudgeon Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.01	0.0027	0.01 to 0.03	0.0004	0.00 to 0.00	0.01 to 0.04
East Anglia One	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.01	0.0004	0.00 to 0.00	0.00 to 0.01
East Anglia One North	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.01	0.0027	0.02 to 0.07	0.0004	0.00 to 0.01	0.03 to 0.09
East Anglia Two	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.01	0.0004	0.00 to 0.00	0.00 to 0.01
Erebus	0.8920	0.623	0.07	1.80 to 3.01	0.0194	0.20 to 0.60	0.0105	0.07 to 0.20	0.0194	0.10 to 0.31	2.18 to 4.12
Five Estuaries	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.02 to 0.05	0.0004	0.00 to 0.01	0.02 to 0.06
Galloper	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.01	0.0004	0.00 to 0.00	0.00 to 0.01
Greater Gabbard	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.01 to 0.02	0.0004	0.00 to 0.00	0.01 to 0.02
Green Volt	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Gwynt y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.00 to 0.01	0.0105	0.00 to 0.01	0.0194	0.00 to 0.01	0.01 to 0.03
Hornsea Project One	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.01 to 0.04	0.0027	0.02 to 0.07	0.0004	0.00 to 0.01	0.04 to 0.12
Hornsea Project Two	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.01 to 0.03	0.0027	0.01 to 0.04	0.0004	0.00 to 0.01	0.03 to 0.08
Hornsea Three	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.01	0.0027	0.06 to 0.18	0.0004	0.00 to 0.01	0.07 to 0.20
Hornsea Four	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.01 to 0.03	0.0027	0.01 to 0.02	0.0004	0.00 to 0.00	0.02 to 0.06
Humber Gateway	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.01	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.01
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.01 to 0.02	0.0027	0.01 to 0.03	0.0004	0.00 to 0.00	0.02 to 0.05
Kincardine	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
London Array	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.6390	0.623	0.07	0.14 to 0.23	0.0194	0.22 to 0.66	0.0105	0.03 to 0.09	0.0194	0.03 to 0.09	0.42 to 1.08
Mona	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.01 to 0.03	0.0105	0.03 to 0.08	0.0194	0.22 to 0.67	0.26 to 0.78
Moor Vannin	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.08 to 0.23	0.0105	0.01 to 0.04	0.0194	0.14 to 0.42	0.23 to 0.68
Moray East	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.01	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.01
Moray West	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.01 to 0.03	0.0027	0.00 to 0.01	0.0004	0.01 to 0.03	0.02 to 0.06
Morecambe	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.08 to 0.24	0.0105	0.04 to 0.12	0.0194	0.04 to 0.13	0.17 to 0.50
Morgan	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.03 to 0.09	0.0105	0.07 to 0.22	0.0194	0.04 to 0.11	0.14 to 0.42
Morven	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.01	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.01 to 0.04	0.0027	0.01 to 0.03	0.0004	0.00 to 0.00	0.02 to 0.07
Norfolk Boreas	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.02 to 0.05	0.0004	0.00 to 0.00	0.02 to 0.06
Norfolk Vanguard	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.01	0.0027	0.01 to 0.03	0.0004	0.00 to 0.01	0.01 to 0.04
North Falls	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.03 to 0.09	0.0004	0.00 to 0.01	0.03 to 0.10
North Hoyle	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.00 to 0.00	0.0105	0.00 to 0.00	0.0194	0.00 to 0.00	0.00 to 0.01
North Irish Sea Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ormonde	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.00 to 0.00	0.0105	0.00 to 0.00	0.0194	0.00 to 0.00	0.00 to 0.01
Ossian	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.01	0.0027	0.00 to 0.01	0.0004	0.00 to 0.00	0.01 to 0.02
Outer Dowsing	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.01 to 0.02	0.0027	0.03 to 0.09	0.0004	0.01 to 0.04	0.05 to 0.14
Pentland Floating	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.00 to 0.01	0.0105	0.00 to 0.00	0.0194	0.00 to 0.00	0.00 to 0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Offshore Wind Farm											
Race Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.02 to 0.06	0.0004	0.01 to 0.02	0.03 to 0.09
Rampion 2	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.02 to 0.06	0.0004	0.02 to 0.05	0.04 to 0.11
Rhyl Flats	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.00 to 0.00	0.0105	0.00 to 0.00	0.0194	0.00 to 0.00	0.00 to 0.01
Robin Rigg	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.00 to 0.00	0.0105	0.00 to 0.00	0.0194	0.00 to 0.01	0.00 to 0.01
Salamander	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.02 to 0.05	0.0004	0.00 to 0.00	0.02 to 0.05
Seagreen Alpha	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.02 to 0.06	0.0004	0.00 to 0.00	0.02 to 0.06
Sheringham Shoal	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.01	0.0027	0.00 to 0.01	0.0004	0.00 to 0.00	0.01 to 0.02
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.01 to 0.03	0.0027	0.01 to 0.04	0.0004	0.00 to 0.00	0.02 to 0.07

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Teesside	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00
Thanet	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.00	0.0004	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.01 to 0.04	0.0004	0.00 to 0.00	0.01 to 0.04
Twinhub (Wave Hub Floating Wind Farm)	0.6390	0.623	0.07	0.08 to 0.14	0.0194	0.00 to 0.00	0.0105	0.00 to 0.01	0.0194	0.00 to 0.00	0.09 to 0.15
Walney 1 & 2	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.00 to 0.01	0.0105	0.00 to 0.01	0.0194	0.00 to 0.01	0.01 to 0.03
Walney Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.10 to 0.30	0.0105	0.19 to 0.58	0.0194	0.01 to 0.03	0.31 to 0.92
West of Duddon Sands	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.00 to 0.01	0.0105	0.01 to 0.04	0.0194	0.00 to 0.01	0.02 to 0.05
Westermest Rough	0.0000	0.623	0.07	0.00 to 0.00	0.0004	0.00 to 0.00	0.0027	0.00 to 0.01	0.0004	0.00 to 0.00	0.00 to 0.01
West of Orkney Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.01 to 0.04	0.0105	0.00 to 0.00	0.0194	0.02 to 0.05	0.03 to 0.09

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
White Cross	0.6390	0.623	0.07	0.27 to 0.44	0.0194	0.00 to 0.01	0.0105	0.02 to 0.07	0.0194	0.04 to 0.12	0.33 to 0.65
Offshore Project	0.0000	0.623	0.07	0.00 to 0.00	0.0194	0.05 to 0.16	0.0105	0.00 to 0.00	0.0194	0.08 to 0.23	0.13 to 0.39
Total mortality (with Berwick Bank Offshore Wind Farm)				2.29 to 3.82	0.98 to 2.95		1.20 to 3.60		0.94 to 2.82		5.42 to 13.19
Total mortality (without Berwick Bank Offshore Wind Farm)				2.29 to 3.82	0.96 to 2.89		1.18 to 3.53		0.92 to 2.77		5.35 to 13.01

Table 1-41 Razorbill in-combination displacement mortality apportioned to Skomer, Skokholm and the Seas off Pembrokeshire SPA (Applicant Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.623	0.07	0.00	0.0194	0.01	0.0105	0.01	0.0194	0.03	0.05
Beatrice	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.01	0.0004	0.00	0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0004	0.02	0.0027	0.02	0.0004	0.02	0.05
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Burbo Bank	0.0000	0.623	0.07	0.00	0.0194	0.00	0.0105	0.00	0.0194	0.00	0.00
Burbo Bank Extension	0.0000	0.623	0.07	0.00	0.0194	0.00	0.0105	0.00	0.0194	0.00	0.01
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.01
Cenos	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Codling Wind Park	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.02	0.0004	0.01	0.04

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.03	0.0004	0.01	0.04
Dogger Bank South	0.0000	0.623	0.07	0.00	0.0004	0.02	0.0027	0.12	0.0004	0.02	0.15
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.01	0.0004	0.00	0.02
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.02	0.0004	0.01	0.03
Dublin Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.01	0.0004	0.00	0.01
Dudgeon Extension	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.01	0.0004	0.00	0.01
East Anglia One	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
East Anglia One North	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
East Anglia Three	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.02	0.0004	0.00	0.03
East Anglia Two	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Erebus	0.8920	0.623	0.07	0.50	0.0194	0.17	0.0105	0.06	0.0194	0.09	0.81

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.01	0.0004	0.00	0.02
Galloper	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Greater Gabbard	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.01	0.0004	0.00	0.01
Green Volt	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Gwynt y Mor	0.0000	0.623	0.07	0.00	0.0194	0.00	0.0105	0.00	0.0194	0.00	0.01
Hornsea Project One	0.0000	0.623	0.07	0.00	0.0004	0.01	0.0027	0.02	0.0004	0.00	0.03
Hornsea Project Two	0.0000	0.623	0.07	0.00	0.0004	0.01	0.0027	0.01	0.0004	0.00	0.02
Hornsea Three	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.05	0.0004	0.00	0.06
Hornsea Four	0.0000	0.623	0.07	0.00	0.0004	0.01	0.0027	0.01	0.0004	0.00	0.02
Humber Gateway	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Hywind	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0004	0.01	0.0027	0.01	0.0004	0.00	0.01
Kincardine	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
London Array	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Methil Demonstration	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Llŷr 1	0.6390	0.623	0.07	0.04	0.0194	0.18	0.0105	0.03	0.0194	0.02	0.27
Mona	0.0000	0.623	0.07	0.00	0.0194	0.01	0.0105	0.02	0.0194	0.19	0.22
Moor Vannin	0.0000	0.623	0.07	0.00	0.0194	0.06	0.0105	0.01	0.0194	0.12	0.19
Moray East	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Moray West	0.0000	0.623	0.07	0.00	0.0004	0.01	0.0027	0.00	0.0004	0.01	0.02
Morecambe	0.0000	0.623	0.07	0.00	0.0194	0.07	0.0105	0.03	0.0194	0.04	0.14
Morgan	0.0000	0.623	0.07	0.00	0.0194	0.02	0.0105	0.06	0.0194	0.03	0.12
Morven	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Muir Mhor	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0004	0.01	0.0027	0.01	0.0004	0.00	0.02

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Norfolk Boreas	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.01	0.0004	0.00	0.02
Norfolk Vanguard	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.01	0.0004	0.00	0.01
North Falls	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.02	0.0004	0.00	0.03
North Hoyle	0.0000	0.623	0.07	0.00	0.0194	0.00	0.0105	0.00	0.0194	0.00	0.00
North Irish Sea Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.623	0.07	0.00	0.0194	0.00	0.0105	0.00	0.0194	0.00	0.00
Ossian	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.01
Outer Dowsing	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.02	0.0004	0.01	0.04
Pentland Floating Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0194	0.00	0.0105	0.00	0.0194	0.00	0.00
Race Bank	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Rampion	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.02	0.0004	0.01	0.02
Rampion 2	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.02	0.0004	0.01	0.03
Rhyl Flats	0.0000	0.623	0.07	0.00	0.0194	0.00	0.0105	0.00	0.0194	0.00	0.00
Robin Rigg	0.0000	0.623	0.07	0.00	0.0194	0.00	0.0105	0.00	0.0194	0.00	0.00
Salamander	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Seagreen Bravo	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.02	0.0004	0.00	0.02
Seagreen Alpha	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.02	0.0004	0.00	0.02
Sheringham Shoal	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.01
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00	0.0004	0.01	0.0027	0.01	0.0004	0.00	0.02
Teesside	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Thanet	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
Triton Knoll	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.01	0.0004	0.00	0.01
Twinhub (Wave Hub Floating Wind Farm)	0.6390	0.623	0.07	0.02	0.0194	0.00	0.0105	0.00	0.0194	0.00	0.03
Walney 1 & 2	0.0000	0.623	0.07	0.00	0.0194	0.00	0.0105	0.00	0.0194	0.00	0.01
Walney Extension	0.0000	0.623	0.07	0.00	0.0194	0.08	0.0105	0.16	0.0194	0.01	0.25
West of Duddon Sands	0.0000	0.623	0.07	0.00	0.0194	0.00	0.0105	0.01	0.0194	0.00	0.02

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Westermost Rough	0.0000	0.623	0.07	0.00	0.0004	0.00	0.0027	0.00	0.0004	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0194	0.01	0.0105	0.00	0.0194	0.01	0.02
White Cross	0.6390	0.623	0.07	0.07	0.0194	0.00	0.0105	0.02	0.0194	0.03	0.13
Offshore Project	0.0000	0.623	0.07	0.00	0.0194	0.05	0.0105	0.00	0.0194	0.06	0.11
Total mortality (with Berwick Bank Offshore Wind Farm)				0.64	0.82		1.00		0.78		3.24
Total mortality (without Berwick Bank Offshore Wind Farm)				0.64	0.80		0.98		0.77		3.19

St Kilda SPA

Table 1-42 Razorbill in-combination displacement mortality apportioned to St Kilda SPA (NatureScot Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.01	0.0040	0.00 to 0.01	0.0055	0.01 to 0.03	0.02 to 0.05
Beatrice	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.02
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.01 to 0.02	0.0016	0.01 to 0.04	0.0001	0.01 to 0.02	0.02 to 0.07
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Burbo Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.00	0.0040	0.00 to 0.00	0.0055	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.00	0.0040	0.00 to 0.00	0.0055	0.00 to 0.00	0.00 to 0.01
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
Cenos	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.02 to 0.05	0.0001	0.00 to 0.01	0.02 to 0.06
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.02 to 0.06	0.0001	0.00 to 0.01	0.02 to 0.07
Dogger Bank South	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.01 to 0.02	0.0016	0.08 to 0.24	0.0001	0.01 to 0.02	0.09 to 0.28
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.03	0.0001	0.00 to 0.00	0.01 to 0.03
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.04	0.0001	0.00 to 0.01	0.02 to 0.05

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dublin Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.02
Dudgeon Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.02
East Anglia One	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.01
East Anglia One North	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.04	0.0001	0.00 to 0.00	0.02 to 0.05
East Anglia Two	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.06 to 0.17	0.0040	0.03 to 0.08	0.0055	0.03 to 0.09	0.11 to 0.33
Five Estuaries	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.03	0.0001	0.00 to 0.00	0.01 to 0.03
Galloper	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
Green Volt	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Gwynt y Mor	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.00	0.0040	0.00 to 0.00	0.0055	0.00 to 0.00	0.00 to 0.01
Hornsea Project One	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0016	0.01 to 0.04	0.0001	0.00 to 0.00	0.02 to 0.06
Hornsea Project Two	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0016	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.03
Hornsea Three	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.03 to 0.10	0.0001	0.00 to 0.00	0.04 to 0.11
Hornsea Four	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0016	0.00 to 0.01	0.0001	0.00 to 0.00	0.01 to 0.02
Humber Gateway	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0016	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.02
Kincardine	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
London Array	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.06 to 0.19	0.0040	0.01 to 0.04	0.0055	0.01 to 0.03	0.08 to 0.25
Mona	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.01	0.0040	0.01 to 0.03	0.0055	0.06 to 0.19	0.08 to 0.23
Moor Vannin	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.02 to 0.06	0.0040	0.01 to 0.02	0.0055	0.04 to 0.12	0.07 to 0.20
Moray East	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Moray West	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0016	0.00 to 0.01	0.0001	0.00 to 0.01	0.01 to 0.02
Morecambe	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.02 to 0.07	0.0040	0.02 to 0.05	0.0055	0.01 to 0.04	0.05 to 0.15
Morgan	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.01 to 0.03	0.0040	0.03 to 0.08	0.0055	0.01 to 0.03	0.05 to 0.14
Morven	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0016	0.00 to 0.01	0.0001	0.00 to 0.00	0.01 to 0.03
Norfolk Boreas	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.03	0.0001	0.00 to 0.00	0.01 to 0.03
Norfolk Vanguard	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.02
North Falls	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.02 to 0.05	0.0001	0.00 to 0.00	0.02 to 0.05
North Hoyle	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.00	0.0040	0.00 to 0.00	0.0055	0.00 to 0.00	0.00 to 0.00
North Irish Sea Array	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.623	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ormonde	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.00	0.0040	0.00 to 0.00	0.0055	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.01
Outer Dowsing	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.02 to 0.05	0.0001	0.00 to 0.01	0.02 to 0.06
Pentland Floating	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.00	0.0040	0.00 to 0.00	0.0055	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Offshore Wind Farm											
Race Bank	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.03	0.0001	0.00 to 0.01	0.01 to 0.04
Rampion 2	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.03	0.0001	0.00 to 0.01	0.02 to 0.05
Rhyl Flats	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.00	0.0040	0.00 to 0.00	0.0055	0.00 to 0.00	0.00 to 0.00
Robin Rigg	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.00	0.0040	0.00 to 0.00	0.0055	0.00 to 0.00	0.00 to 0.00
Salamander	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.03	0.0001	0.00 to 0.00	0.01 to 0.03
Seagreen Alpha	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.04	0.0001	0.00 to 0.00	0.01 to 0.04
Sheringham Shoal	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.01	0.0001	0.00 to 0.00	0.00 to 0.01
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.0016	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.03

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Teesside	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Thanet	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.01 to 0.02	0.0001	0.00 to 0.00	0.01 to 0.02
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.00	0.0040	0.00 to 0.00	0.0055	0.00 to 0.00	0.00 to 0.01
Walney 1 & 2	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.00	0.0040	0.00 to 0.00	0.0055	0.00 to 0.00	0.00 to 0.01
Walney Extension	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.03 to 0.09	0.0040	0.07 to 0.22	0.0055	0.00 to 0.01	0.10 to 0.31
West of Duddon Sands	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.00	0.0040	0.00 to 0.01	0.0055	0.00 to 0.00	0.01 to 0.02
Westermest Rough	0.0000	0.623	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.0016	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
West of Orkney Offshore Wind Farm	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.01	0.0040	0.00 to 0.00	0.0055	0.00 to 0.01	0.01 to 0.03

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
White Cross	0.0000	0.623	0.07	0.00 to 0.00	0.0055	0.00 to 0.00	0.0040	0.01 to 0.03	0.0055	0.01 to 0.03	0.02 to 0.06
Offshore Project	0.0132	0.623	0.07	0.06 to 0.09	0.0055	0.02 to 0.05	0.0040	0.00 to 0.00	0.0055	0.02 to 0.06	0.09 to 0.20
Total mortality (with Berwick Bank Offshore Wind Farm)				0.06 to 0.09	0.28 to 0.84		0.58 to 1.75		0.27 to 0.80		1.19 to 3.48
Total mortality (without Berwick Bank Offshore Wind Farm)				0.06 to 0.09	0.27 to 0.82		0.57 to 1.71		0.26 to 0.78		1.16 to 3.41

Table 1-43 Razorbill in-combination displacement mortality apportioned to St Kilda SPA (Applicant Approach)

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Arklow Bank Phase 2	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.00	0.0055	0.01	0.01
Beatrice	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.01	0.0016	0.01	0.0001	0.00	0.02
Blyth Demonstration Project (Phase 1)	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Burbo Bank	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.00	0.0055	0.00	0.00
Burbo Bank Extension	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.00	0.0055	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Cenos	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Codling Wind Park	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.02

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Creyke Beck B	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.02	0.0001	0.00	0.02
Dogger Bank South	0.0000	0.623	0.07	0.00	0.0001	0.01	0.0016	0.07	0.0001	0.01	0.08
Dogger Bank Teesside A	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
Dogger Bank Teesside B (Sofia)	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
Dublin Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
Dudgeon Extension	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
East Anglia One	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
East Anglia One North	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
East Anglia Three	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
East Anglia Two	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Erebus	0.0000	0.623	0.07	0.00	0.0055	0.05	0.0040	0.02	0.0055	0.02	0.09

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
Galloper	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Greater Gabbard	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Green Volt	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Gwynt y Mor	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.00	0.0055	0.00	0.00
Hornsea Project One	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.02
Hornsea Project Two	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
Hornsea Three	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.03	0.0001	0.00	0.03
Hornsea Four	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.01
Humber Gateway	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Hywind	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
Kincardine	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Lynn and Inner Dowsing and Lincs	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
London Array	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Methil Demonstration	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Llŷr 1	0.0000	0.623	0.07	0.00	0.0055	0.05	0.0040	0.01	0.0055	0.01	0.07
Mona	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.01	0.0055	0.05	0.06
Moor Vannin	0.0000	0.623	0.07	0.00	0.0055	0.02	0.0040	0.00	0.0055	0.03	0.05
Moray East	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Moray West	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.01
Morecambe	0.0000	0.623	0.07	0.00	0.0055	0.02	0.0040	0.01	0.0055	0.01	0.04
Morgan	0.0000	0.623	0.07	0.00	0.0055	0.01	0.0040	0.02	0.0055	0.01	0.04
Morven	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Muir Mhor	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Norfolk Boreas	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
Norfolk Vanguard	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.01
North Falls	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
North Hoyle	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.00	0.0055	0.00	0.00
North Irish Sea Array	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.623	0.07	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.00	0.0055	0.00	0.00
Ossian	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Outer Dowsing	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.02
Pentland Floating Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.00	0.0055	0.00	0.00
Race Bank	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Rampion	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
Rampion 2	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
Rhyl Flats	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.00	0.0055	0.00	0.00
Robin Rigg	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.00	0.0055	0.00	0.00
Salamander	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Seagreen Bravo	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
Seagreen Alpha	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
Sheringham Shoal	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Sheringham Shoal Extension	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
Teesside	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Thanet	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
Triton Knoll	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.01	0.0001	0.00	0.01
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.00	0.0055	0.00	0.00
Walney 1 & 2	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.00	0.0055	0.00	0.00
Walney Extension	0.0000	0.623	0.07	0.00	0.0055	0.02	0.0040	0.06	0.0055	0.00	0.09
West of Duddon Sands	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.00	0.0055	0.00	0.01

Project	Breeding Season				Post-breeding season		Non-breeding Season		Pre-breeding season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Westermost Rough	0.0000	0.623	0.07	0.00	0.0001	0.00	0.0016	0.00	0.0001	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.00	0.0055	0.00	0.01
White Cross	0.0000	0.623	0.07	0.00	0.0055	0.00	0.0040	0.01	0.0055	0.01	0.02
Offshore Project	0.0132	0.623	0.07	0.02	0.0055	0.01	0.0040	0.00	0.0055	0.02	0.05
Total mortality (with Berwick Bank Offshore Wind Farm)				0.02	0.23		0.58		0.22		0.96
Total mortality (without Berwick Bank Offshore Wind Farm)				0.02	0.23		0.57		0.22		0.94

1.2.4 PUFFIN

Table 1-44 Puffin in-combination displacement mortality calculations. the NatureScot Approach is 60% displacement (in all seasons) and a range of 3% to 5% mortality in the breeding season and 1% to 3% mortality in other seasons. The Applicant Approach is 50% displacement and 1% mortality in all seasons.

Project	Breeding Season			Non-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Aberdeen Offshore Wind Farm	42	0.76 to 1.26	0.21	82	0.49 to 1.48	0.41
Awel y Mor	8	0.14 to 0.24	0.04	7	0.04 to 0.12	0.03
Beatrice	2,858	51.44 to 85.74	14.29	2,435	14.61 to 43.83	12.18
Berwick Bank Offshore Wind Farm	4,513	81.23 to 135.39	22.57	8,892	53.35 to 160.06	44.46
Blyth Demonstration Project (Phase 1)	235	4.23 to 7.05	1.18	123	0.74 to 2.21	0.62
Buchan Offshore Wind Farm	938	16.88 to 28.13	4.69	524	3.14 to 9.43	2.62
Burbo Bank	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00
Burbo Bank Extension	10	0.18 to 0.30	0.05	10	0.06 to 0.18	0.05
Caledonia Offshore Wind Farm	2,061	37.10 to 61.83	10.31	1,336	8.02 to 24.05	6.68
Cenos	221	3.98 to 6.63	1.11	16	0.10 to 0.29	0.08
Codling Wind Park	95	1.72 to 2.86	0.48	45	0.27 to 0.80	0.22
Dogger Bank Creyke Beck A	37	0.67 to 1.11	0.19	295	1.77 to 5.31	1.48
Dogger Bank Creyke Beck B	102	1.84 to 3.06	0.51	743	4.46 to 13.37	3.72
Dogger Bank South	147	2.65 to 4.41	0.74	373	2.24 to 6.71	1.87
Dogger Bank Teesside A	34	0.61 to 1.02	0.17	273	1.64 to 4.91	1.37
Dogger Bank Teesside B (Sofia)	35	0.63 to 1.05	0.18	329	1.97 to 5.92	1.65
Dublin Array	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00
Dudgeon	1	0.02 to 0.03	0.01	3	0.02 to 0.05	0.02
Dudgeon Extension	24	0.43 to 0.72	0.12	46	0.28 to 0.83	0.23
East Anglia One	16	0.29 to 0.48	0.08	32	0.19 to 0.58	0.16
East Anglia One North	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00
East Anglia Three	181	3.26 to 5.43	0.91	307	1.84 to 5.53	1.54
East Anglia Two	15	0.27 to 0.45	0.08	0	0.00 to 0.00	0.00

Project	Breeding Season			Non-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Erebus	1,416	25.49 to 42.48	7.08	160	0.96 to 2.88	0.80
Five Estuaries	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00
Galloper	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00
Greater Gabbard	0	0.00 to 0.00	0.00	1	0.01 to 0.02	0.01
Green Volt	250	4.50 to 7.50	1.25	41	0.25 to 0.74	0.21
Gwynt y Mor		0.00 to 0.00	0.00	1	0.00 to 0.01	0.00
Hornsea Project One	1,070	19.26 to 32.10	5.35	1,257	7.54 to 22.63	6.29
Hornsea Project Two	468	8.42 to 14.04	2.34	2,039	12.23 to 36.70	10.20
Hornsea Three	253	4.55 to 7.59	1.27	67	0.40 to 1.21	0.34
Hornsea Four	203	3.65 to 6.09	1.02	442	2.65 to 7.96	2.21
Humber Gateway	15	0.27 to 0.45	0.08	10	0.06 to 0.18	0.05
Hywind	119	2.14 to 3.57	0.60	85	0.51 to 1.53	0.43
Inch Cape Offshore Wind Farm	2,956	53.21 to 88.68	14.78	2,688	16.13 to 48.38	13.44
Kentish Flats	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00
Kentish Flats Extension	3	0.05 to 0.09	0.02	6	0.04 to 0.11	0.03
Kincardine	19	0.34 to 0.57	0.10	0	0.00 to 0.00	0.00
Lynn and Inner Dowsing and Linc	3	0.05 to 0.09	0.02	6	0.04 to 0.11	0.03
London Array	0	0.00 to 0.00	0.00	1	0.01 to 0.02	0.01
Methil Demonstration	8	0.14 to 0.24	0.04	0	0.00 to 0.00	0.00
Llŷr 1	152	2.74 to 4.56	0.76	592	3.55 to 10.66	2.96
Mona	15	0.27 to 0.45	0.08	22	0.13 to 0.40	0.11
Moor Vannin	88	1.58 to 2.63	0.44	12	0.07 to 0.22	0.06
Moray East	2,795	50.31 to 83.85	13.98	656	3.94 to 11.81	3.28
Moray West	1,115	20.07 to 33.45	5.58	3,966	23.80 to 71.39	19.83

Project	Breeding Season			Non-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Morecambe	39	0.70 to 1.17	0.20	20	0.12 to 0.36	0.10
Morgan	9	0.16 to 0.27	0.05	5	0.03 to 0.09	0.03
Muir Mhor	1,812	32.62 to 54.36	9.06	1,812	10.87 to 32.62	9.06
Neart na Gaoithe Offshore Wind Farm	2,562	46.12 to 76.86	12.81	2,103	12.62 to 37.85	10.52
Norfolk Boreas	0	0.00 to 0.00	0.00	23	0.14 to 0.41	0.12
Norfolk Vanguard	67	1.21 to 2.01	0.34	112	0.67 to 2.02	0.56
North Falls	3	0.05 to 0.09	0.02	1	0.01 to 0.02	0.01
Oriel	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00
Ossian	1,928	34.70 to 57.84	9.64	1,178	7.07 to 21.20	5.89
Outer Dowsing	666	11.99 to 19.98	3.33	696	4.18 to 12.53	3.48
Pentland Floating Offshore Wind Farm	6,521	117.38 to 195.63	32.61	6	0.04 to 0.11	0.03
Race Bank	1	0.02 to 0.03	0.01	10	0.06 to 0.18	0.05
Rampion	7	0.13 to 0.21	0.04	0	0.00 to 0.00	0.00
Rampion 2	6	0.11 to 0.18	0.03	0	0.00 to 0.00	0.00
Rhyl Flats		0.00 to 0.00	0.00	0	0.00 to 0.01	0.00
Robin Rigg	0	0.00 to 0.00	0.00	0	0.00 to 0.00	0.00
Salamander	1,679	30.22 to 50.37	8.40	422	2.53 to 7.60	2.11
Seagreen Bravo	3,582	64.48 to 107.46	17.91	3,863	23.18 to 69.53	19.32
Seagreen Alpha	2,572	46.30 to 77.16	12.86	1,526	9.16 to 27.47	7.63
Sheringham Shoal	4	0.07 to 0.12	0.02	26	0.16 to 0.47	0.13
Sheringham Shoal Extension	10	0.18 to 0.30	0.05	18	0.11 to 0.32	0.09
Teesside	35	0.63 to 1.05	0.18	18	0.11 to 0.32	0.09

Project	Breeding Season			Non-breeding season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Approach	Applicant Approach		NatureScot Approach	Applicant Approach
Triton Knoll	23	0.41 to 0.69	0.12	71	0.43 to 1.28	0.36
Twinhub (Wave Hub Floating Wind Farm)		0.00 to 0.00	0.00	0	0.00 to 0.00	0.00
Walney 1 & 2		0.00 to 0.00	0.00	2	0.01 to 0.03	0.01
Walney Extension	87	1.57 to 2.62	0.44	40	0.24 to 0.72	0.20
West of Duddon Sands		0.00 to 0.00	0.00	35	0.21 to 0.63	0.18
Westermest Rough	61	1.10 to 1.83	0.31	35	0.21 to 0.63	0.18
West of Orkney Offshore Wind Farm	5,272	94.89 to 158.16	26.36	2,136	12.82 to 38.45	10.68
White Cross	49	0.88 to 1.47	0.25	31	0.19 to 0.56	0.16
Offshore Project	3,917	70.50 to 117.50	19.58	374	2.24 to 6.73	1.87

Canna and Sanday SPA

Table 1-45 Puffin in-combination displacement mortality apportioned to Canna and Sanday SPA (NatureScot Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Beatrice	0.0100	0.544	0.07	0.26 to 0.43	0.0000	0.00 to 0.00	0.26 to 0.43

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Burbo Bank	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Caledonia Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Cenos	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank South	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dublin Array	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One North	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
East Anglia Three	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Two	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Five Estuaries	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Galloper	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Green Volt	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Gwynt y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Hornsea Project One	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Project Two	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Three	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Four	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Humber Gateway	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0010	0.544	0.07	0.03 to 0.04	0.0000	0.00 to 0.00	0.03 to 0.05
Kentish Flats	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Kincardine	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
London Array	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.01	0.00 to 0.01
Mona	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Moor Vannin	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Moray East	0.0120	0.544	0.07	0.31 to 0.51	0.0000	0.00 to 0.00	0.31 to 0.51
Moray West	0.0140	0.544	0.07	0.14 to 0.24	0.0000	0.00 to 0.00	0.14 to 0.24
Morecambe	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Morgan	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Near na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Boreas	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
North Falls	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Outer Dowsing	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Pentland Floating Offshore Wind Farm	0.0010	0.544	0.07	0.06 to 0.10	0.0011	0.00 to 0.00	0.06 to 0.10
Race Bank	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion 2	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rhyl Flats	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Robin Rigg	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Salamander	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Alpha	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Teesside	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Walney Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
West of Duddon Sands	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Westmost Rough	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
West of Orkney Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.01 to 0.04	0.01 to 0.04
White Cross	0.0000	0.544	0.07	0.00 to 0.00	0.0011	0.00 to 0.00	0.00 to 0.00
Offshore Project	0.0064	0.544	0.07	0.23 to 0.38	0.0011	0.00 to 0.01	0.23 to 0.39
Total mortality (with Berwick Bank Offshore Wind Farm)				1.02 to 1.71	0.03 to 0.08		1.05 to 1.78
Total mortality (without Berwick Bank Offshore Wind Farm)				1.02 to 1.71	0.02 to 0.07		1.05 to 1.78

Table 1-46 Puffin in-combination displacement mortality apportioned to Canna and Sanday SPA (Applicant Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice	0.0100	0.544	0.07	0.07	0.0000	0.00	0.07
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Burbo Bank	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Cenos	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Codling Wind Park	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank South	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dublin Array	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
East Anglia One North	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Erebus	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Five Estuaries	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Green Volt	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Gwynt y Mor	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Hornsea Project One	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Hornsea Project Two	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Hornsea Three	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Hornsea Four	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Humber Gateway	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Hywind	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0010	0.544	0.07	0.01	0.0000	0.00	0.01
Kentish Flats	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Kincardine	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
London Array	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Mona	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Mooir Vannin	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Moray East	0.0120	0.544	0.07	0.08	0.0000	0.00	0.08
Moray West	0.0140	0.544	0.07	0.04	0.0000	0.00	0.04
Morecambe	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Morgan	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Muir Mhor	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Norfolk Boreas	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Ossian	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Outer Dowsing	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0010	0.544	0.07	0.02	0.0011	0.00	0.02
Race Bank	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Rampion	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Rhyl Flats	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Robin Rigg	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Salamander	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Seagreen Bravo	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Seagreen Alpha	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Teesside	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Triton Knoll	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Walney Extension	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
West of Duddon Sands	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Westermest Rough	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0011	0.01	0.01
White Cross	0.0000	0.544	0.07	0.00	0.0011	0.00	0.00
Offshore Project	0.0064	0.544	0.07	0.06	0.0011	0.00	0.07
Total mortality (with Berwick Bank Offshore Wind Farm)				0.28	0.02		0.31
Total mortality (without Berwick Bank Offshore Wind Farm)				0.28	0.02		0.30

Cape Wrath SPA

Table 1-47 Puffin in-combination displacement mortality apportioned to Cape Wrath SPA (NatureScot Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0050	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Beatrice	0.0180	0.544	0.07	0.47 to 0.78	0.0000	0.00 to 0.00	0.47 to 0.78
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Burbo Bank	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Caledonia Offshore Wind Farm	0.0010	0.544	0.07	0.02 to 0.03	0.0000	0.00 to 0.00	0.02 to 0.03
Cenos	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank South	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dublin Array	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One North	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Two	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.01	0.00 to 0.01
Five Estuaries	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Galloper	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Green Volt	0.0100	0.544	0.07	0.02 to 0.04	0.0000	0.00 to 0.00	0.02 to 0.04
Gwynt y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Hornsea Project One	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Project Two	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Three	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Four	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Humber Gateway	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hywind	0.0120	0.544	0.07	0.01 to 0.02	0.0000	0.00 to 0.00	0.01 to 0.02
Inch Cape Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Kentish Flats	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kincardine	0.0040	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
London Array	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.01 to 0.02	0.01 to 0.02
Mona	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Moor Vannin	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Moray East	0.0180	0.544	0.07	0.46 to 0.76	0.0000	0.00 to 0.00	0.46 to 0.76
Moray West	0.0220	0.544	0.07	0.22 to 0.37	0.0000	0.00 to 0.00	0.22 to 0.37
Morecambe	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Morgan	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Boreas	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
North Falls	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Outer Dowsing	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Pentland Floating Offshore Wind Farm	0.0080	0.544	0.07	0.48 to 0.79	0.0019	0.00 to 0.00	0.48 to 0.79
Race Bank	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rampion 2	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rhyl Flats	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Robin Rigg	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Salamander	0.0075	0.544	0.07	0.11 to 0.19	0.0000	0.00 to 0.00	0.11 to 0.19
Seagreen Bravo	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Alpha	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Teesside	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Walney Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
West of Duddon Sands	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Westermest Rough	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
West of Orkney Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.02 to 0.07	0.02 to 0.07
White Cross	0.0000	0.544	0.07	0.00 to 0.00	0.0019	0.00 to 0.00	0.00 to 0.00
Offshore Project	0.0057	0.544	0.07	0.20 to 0.34	0.0019	0.00 to 0.01	0.21 to 0.35
Total mortality (with Berwick Bank Offshore Wind Farm)				2.00 to 3.33	0.04 to 0.13		2.04 to 3.46
Total mortality (without Berwick Bank Offshore Wind Farm)				2.00 to 3.33	0.04 to 0.12		2.04 to 3.46

Table 1-48 Puffin in-combination displacement mortality apportioned to Cape Wrath SPA (Applicant Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0050	0.544	0.07	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Beatrice	0.0180	0.544	0.07	0.13	0.0000	0.00	0.13
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Burbo Bank	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Caledonia Offshore Wind Farm	0.0010	0.544	0.07	0.01	0.0000	0.00	0.01
Cenos	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Codling Wind Park	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank South	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dublin Array	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
East Anglia One North	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Erebus	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Five Estuaries	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Green Volt	0.0100	0.544	0.07	0.01	0.0000	0.00	0.01
Gwynt y Mor	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Hornsea Project One	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Hornsea Project Two	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Hornsea Three	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Hornsea Four	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Humber Gateway	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Hywind	0.0120	0.544	0.07	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Kentish Flats	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Kincardine	0.0040	0.544	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
London Array	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.544	0.07	0.00	0.0019	0.01	0.01
Mona	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Mooir Vannin	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Moray East	0.0180	0.544	0.07	0.13	0.0000	0.00	0.13
Moray West	0.0220	0.544	0.07	0.06	0.0000	0.00	0.06
Morecambe	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Morgan	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Muir Mhor	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Norfolk Boreas	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Ossian	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Outer Dowsing	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0080	0.544	0.07	0.13	0.0019	0.00	0.13
Race Bank	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Rampion	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rhyl Flats	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Robin Rigg	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Salamander	0.0075	0.544	0.07	0.03	0.0000	0.00	0.03
Seagreen Bravo	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Seagreen Alpha	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Teesside	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Triton Knoll	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Walney Extension	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
West of Duddon Sands	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Westermest Rough	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0019	0.02	0.02
White Cross	0.0000	0.544	0.07	0.00	0.0019	0.00	0.00
Offshore Project	0.0057	0.544	0.07	0.06	0.0019	0.00	0.06
Total mortality (with Berwick Bank Offshore Wind Farm)				0.56	0.04		0.59
Total mortality (without Berwick Bank Offshore Wind Farm)				0.56	0.03		0.59

Flannan Isles SPA

Table 1-49 Puffin in-combination displacement mortality apportioned to Flannan Isles SPA (NatureScot Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.00	0.00 to 0.00
Beatrice	0.0660	0.544	0.07	1.72 to 2.86	0.0001	0.00 to 0.01	1.72 to 2.87
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.01 to 0.02	0.01 to 0.02
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Burbo Bank	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.00	0.00 to 0.00
Caledonia Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Cenos	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Dogger Bank South	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Dublin Array	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
East Anglia One	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
East Anglia One North	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
East Anglia Two	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.02 to 0.05	0.02 to 0.05
Five Estuaries	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Galloper	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Green Volt	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Gwynt y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.00	0.00 to 0.00
Hornsea Project One	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Hornsea Project Two	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Hornsea Three	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Hornsea Four	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Humber Gateway	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.00 to 0.01
Kentish Flats	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kincardine	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
London Array	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.07 to 0.20	0.07 to 0.20
Mona	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.01	0.00 to 0.01
Moor Vannin	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.00	0.00 to 0.00
Moray East	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Moray West	0.0830	0.544	0.07	0.84 to 1.40	0.0001	0.00 to 0.01	0.85 to 1.41
Morecambe	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.01	0.00 to 0.01
Morgan	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.00 to 0.01
Norfolk Boreas	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
North Falls	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Outer Dowsing	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Pentland Floating Offshore Wind Farm	0.0100	0.544	0.07	0.59 to 0.99	0.0184	0.00 to 0.00	0.59 to 0.99
Race Bank	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rampion 2	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Rhyl Flats	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.00	0.00 to 0.00
Robin Rigg	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.00	0.00 to 0.00
Salamander	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.01	0.00 to 0.01
Seagreen Alpha	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Teesside	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.00	0.00 to 0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.00	0.00 to 0.00
Walney Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.01	0.00 to 0.01
West of Duddon Sands	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.01	0.00 to 0.01
Westermest Rough	0.0000	0.544	0.07	0.00 to 0.00	0.0001	0.00 to 0.00	0.00 to 0.00
West of Orkney Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.24 to 0.71	0.24 to 0.71
White Cross	0.0000	0.544	0.07	0.00 to 0.00	0.0184	0.00 to 0.01	0.00 to 0.01
Offshore Project	0.5361	0.544	0.07	19.12 to 31.87	0.0184	0.04 to 0.12	19.16 to 31.99
Total mortality (with Berwick Bank Offshore Wind Farm)				22.28 to 37.13	0.41 to 1.24		22.69 to 38.37
Total mortality (without Berwick Bank Offshore Wind Farm)				22.28 to 37.13	0.41 to 1.22		22.68 to 38.35

Table 1-50 Puffin in-combination displacement mortality apportioned to Flannan Isles SPA (Applicant Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Awel y Mor	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Beatrice	0.0660	0.544	0.07	0.48	0.0001	0.00	0.48
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0001	0.01	0.01
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Burbo Bank	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Cenos	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Codling Wind Park	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Dogger Bank South	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Dublin Array	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
East Anglia One	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
East Anglia One North	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
East Anglia Three	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
East Anglia Two	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Erebus	0.0000	0.544	0.07	0.00	0.0184	0.01	0.01
Five Estuaries	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Galloper	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Greater Gabbard	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Green Volt	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Gwynt y Mor	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Hornsea Project One	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Hornsea Project Two	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Hornsea Three	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Hornsea Four	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Humber Gateway	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Hywind	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Kentish Flats	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kincardine	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
London Array	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Methil Demonstration	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Llŷr 1	0.0000	0.544	0.07	0.00	0.0184	0.05	0.05
Mona	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Moor Vannin	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Moray East	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Moray West	0.0830	0.544	0.07	0.23	0.0001	0.00	0.24
Morecambe	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Morgan	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Muir Mhor	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Norfolk Boreas	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
North Falls	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Oriel	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Ossian	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Outer Dowsing	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0100	0.544	0.07	0.16	0.0184	0.00	0.17
Race Bank	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Rampion	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rampion 2	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Rhyl Flats	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Robin Rigg	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Salamander	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Seagreen Bravo	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Seagreen Alpha	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Sheringham Shoal	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Teesside	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Triton Knoll	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Walney Extension	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
West of Duddon Sands	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Westermest Rough	0.0000	0.544	0.07	0.00	0.0001	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0184	0.20	0.20
White Cross	0.0000	0.544	0.07	0.00	0.0184	0.00	0.00
Offshore Project	0.5361	0.544	0.07	5.31	0.0184	0.03	5.35
Total mortality (with Berwick Bank Offshore Wind Farm)				6.19	0.34		6.53
Total mortality (without Berwick Bank Offshore Wind Farm)				6.19	0.34		6.53

North Rona and Sula Sgeir SPA

Table 1-51 Puffin in-combination displacement mortality apportioned to North Rona and Sula Sgeir SPA (NatureScot Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Beatrice	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Burbo Bank	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Caledonia Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Cenos	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank South	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dublin Array	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia One North	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
East Anglia Two	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.01	0.00 to 0.01
Five Estuaries	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Galloper	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Green Volt	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Gwynt y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Hornsea Project One	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Project Two	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Three	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hornsea Four	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Humber Gateway	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0010	0.544	0.07	0.03 to 0.04	0.0000	0.00 to 0.00	0.03 to 0.04
Kentish Flats	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kincardine	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
London Array	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.02 to 0.07	0.02 to 0.07
Mona	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Moor Vannin	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Moray East	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Moray West	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Morecambe	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Morgan	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Muir Mhor	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Boreas	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
North Falls	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Outer Dowsing	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Pentland Floating Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Race Bank	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rampion 2	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Rhyl Flats	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Robin Rigg	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Salamander	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0010	0.544	0.07	0.03 to 0.05	0.0000	0.00 to 0.00	0.03 to 0.05
Seagreen Alpha	0.0010	0.544	0.07	0.02 to 0.04	0.0000	0.00 to 0.00	0.02 to 0.04
Sheringham Shoal	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Teesside	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Walney Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
West of Duddon Sands	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Westermest Rough	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
West of Orkney Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.08 to 0.25	0.08 to 0.25
White Cross	0.0000	0.544	0.07	0.00 to 0.00	0.0064	0.00 to 0.00	0.00 to 0.00
Offshore Project	0.0097	0.544	0.07	0.35 to 0.58	0.0064	0.01 to 0.04	0.36 to 0.62
Total mortality (with Berwick Bank Offshore Wind Farm)				0.43 to 0.71	0.14 to 0.43		0.57 to 1.15
Total mortality (without Berwick Bank Offshore Wind Farm)				0.43 to 0.71	0.14 to 0.43		0.57 to 1.14

Table 1-52 Puffin in-combination displacement mortality apportioned to North Rona and Sula Sgeir SPA (Applicant Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Beatrice	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Burbo Bank	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Cenos	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Codling Wind Park	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank South	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dublin Array	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
East Anglia One North	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Erebus	0.0000	0.544	0.07	0.00	0.0064	0.01	0.01
Five Estuaries	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Green Volt	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Gwynt y Mor	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Hornsea Project One	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Hornsea Project Two	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Hornsea Three	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Hornsea Four	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Humber Gateway	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Hywind	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0010	0.544	0.07	0.01	0.0000	0.00	0.01
Kentish Flats	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Kincardine	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
London Array	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.544	0.07	0.00	0.0064	0.02	0.02
Mona	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Mooir Vannin	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Moray East	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Moray West	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Morecambe	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Morgan	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Muir Mhor	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Norfolk Boreas	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Ossian	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Outer Dowsing	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Race Bank	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Rampion	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rhyl Flats	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Robin Rigg	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Salamander	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Seagreen Bravo	0.0010	0.544	0.07	0.01	0.0000	0.00	0.01
Seagreen Alpha	0.0010	0.544	0.07	0.01	0.0000	0.00	0.01
Sheringham Shoal	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Teesside	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Triton Knoll	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Walney Extension	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
West of Duddon Sands	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Westermest Rough	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0064	0.07	0.07
White Cross	0.0000	0.544	0.07	0.00	0.0064	0.00	0.00
Offshore Project	0.0097	0.544	0.07	0.10	0.0064	0.01	0.11
Total mortality (with Berwick Bank Offshore Wind Farm)				0.12	0.12		0.24
Total mortality (without Berwick Bank Offshore Wind Farm)				0.12	0.12		0.24

Shiant Isles SPA

Table 1-53 Puffin in-combination displacement mortality apportioned to Shiant Isles SPA (NatureScot Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.00 to 0.01	0.00 to 0.01
Beatrice	0.1380	0.544	0.07	3.59 to 5.99	0.0006	0.01 to 0.02	3.60 to 6.01
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.03 to 0.09	0.03 to 0.09
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.01	0.00 to 0.01
Burbo Bank	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.00 to 0.01	0.00 to 0.01
Caledonia Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.01	0.00 to 0.01
Cenos	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.01	0.00 to 0.01
Dogger Bank South	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Dublin Array	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
East Anglia One	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
East Anglia One North	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
East Anglia Two	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.07 to 0.22	0.07 to 0.22
Five Estuaries	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Galloper	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Green Volt	0.2980	0.544	0.07	0.68 to 1.13	0.0006	0.00 to 0.00	0.68 to 1.13
Gwynt y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.00 to 0.00	0.00 to 0.00
Hornsea Project One	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.01	0.00 to 0.01
Hornsea Project Two	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.01 to 0.02	0.01 to 0.02
Hornsea Three	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Hornsea Four	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Humber Gateway	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Hywind	0.5010	0.544	0.07	0.54 to 0.90	0.0006	0.00 to 0.00	0.54 to 0.91
Inch Cape Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.01 to 0.03	0.01 to 0.03
Kentish Flats	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kincardine	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
London Array	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.27 to 0.82	0.27 to 0.82
Mona	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.01 to 0.03	0.01 to 0.03
Moor Vannin	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.01 to 0.02	0.01 to 0.02
Moray East	0.1620	0.544	0.07	4.12 to 6.87	0.0006	0.00 to 0.01	4.13 to 6.88
Moray West	0.1450	0.544	0.07	1.47 to 2.45	0.0006	0.01 to 0.04	1.49 to 2.49
Morecambe	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.01 to 0.03	0.01 to 0.03
Morgan	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.00 to 0.01	0.00 to 0.01
Muir Mhor	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.01 to 0.02	0.01 to 0.02
Neart na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.01 to 0.02	0.01 to 0.02
Norfolk Boreas	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
North Falls	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.01	0.00 to 0.01
Outer Dowsing	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.01	0.00 to 0.01
Pentland Floating Offshore Wind Farm	0.0130	0.544	0.07	0.77 to 1.29	0.0770	0.00 to 0.01	0.77 to 1.29
Race Bank	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rampion 2	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Rhyl Flats	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.00 to 0.00	0.00 to 0.00
Robin Rigg	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.00 to 0.00	0.00 to 0.00
Salamander	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Seagreen Bravo	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.01 to 0.04	0.01 to 0.04
Seagreen Alpha	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.01 to 0.02	0.01 to 0.02
Sheringham Shoal	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Teesside	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.00 to 0.00	0.00 to 0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.00 to 0.00	0.00 to 0.00
Walney Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.02 to 0.06	0.02 to 0.06
West of Duddon Sands	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.02 to 0.05	0.02 to 0.05
Westermest Rough	0.0000	0.544	0.07	0.00 to 0.00	0.0006	0.00 to 0.00	0.00 to 0.00
West of Orkney Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.99 to 2.96	0.99 to 2.96
White Cross	0.0000	0.544	0.07	0.00 to 0.00	0.0770	0.01 to 0.04	0.01 to 0.04
Offshore Project	0.2026	0.544	0.07	7.22 to 12.04	0.0770	0.17 to 0.52	7.40 to 12.56
Total mortality (with Berwick Bank Offshore Wind Farm)				18.40 to 30.67	1.73 to 5.18		20.13 to 35.86
Total mortality (without Berwick Bank Offshore Wind Farm)				18.40 to 30.67	1.70 to 5.09		20.10 to 35.77

Table 1-54 Puffin in-combination displacement mortality apportioned to Shiant Isles SPA (Applicant Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Awel y Mor	0.0000	0.544	0.07	0.00	0.0770	0.00	0.00
Beatrice	0.1380	0.544	0.07	1.00	0.0006	0.01	1.00
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0006	0.02	0.02
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Burbo Bank	0.0000	0.544	0.07	0.00	0.0770	0.00	0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00	0.0770	0.00	0.00
Caledonia Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Cenos	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Codling Wind Park	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Dogger Bank South	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Dublin Array	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
East Anglia One	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
East Anglia One North	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
East Anglia Three	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
East Anglia Two	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Erebus	0.0000	0.544	0.07	0.00	0.0770	0.06	0.06
Five Estuaries	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Galloper	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Greater Gabbard	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Green Volt	0.2980	0.544	0.07	0.19	0.0006	0.00	0.19
Gwynt y Mor	0.0000	0.544	0.07	0.00	0.0770	0.00	0.00
Hornsea Project One	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Hornsea Project Two	0.0000	0.544	0.07	0.00	0.0006	0.01	0.01
Hornsea Three	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Hornsea Four	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Humber Gateway	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Hywind	0.5010	0.544	0.07	0.15	0.0006	0.00	0.15
Inch Cape Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0006	0.01	0.01
Kentish Flats	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kincardine	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
London Array	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Methil Demonstration	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Llŷr 1	0.0000	0.544	0.07	0.00	0.0770	0.23	0.23
Mona	0.0000	0.544	0.07	0.00	0.0770	0.01	0.01
Moor Vannin	0.0000	0.544	0.07	0.00	0.0770	0.00	0.00
Moray East	0.1620	0.544	0.07	1.15	0.0006	0.00	1.15
Moray West	0.1450	0.544	0.07	0.41	0.0006	0.01	0.42
Morecambe	0.0000	0.544	0.07	0.00	0.0770	0.01	0.01
Morgan	0.0000	0.544	0.07	0.00	0.0770	0.00	0.00
Muir Mhor	0.0000	0.544	0.07	0.00	0.0006	0.01	0.01
Neart na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0006	0.01	0.01
Norfolk Boreas	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
North Falls	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Oriel	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Ossian	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Outer Dowsing	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0130	0.544	0.07	0.21	0.0770	0.00	0.22
Race Bank	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Rampion	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rampion 2	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Rhyl Flats	0.0000	0.544	0.07	0.00	0.0770	0.00	0.00
Robin Rigg	0.0000	0.544	0.07	0.00	0.0770	0.00	0.00
Salamander	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Seagreen Bravo	0.0000	0.544	0.07	0.00	0.0006	0.01	0.01
Seagreen Alpha	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Sheringham Shoal	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Teesside	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Triton Knoll	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00	0.0770	0.00	0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00	0.0770	0.00	0.00
Walney Extension	0.0000	0.544	0.07	0.00	0.0770	0.02	0.02
West of Duddon Sands	0.0000	0.544	0.07	0.00	0.0770	0.01	0.01
Westermest Rough	0.0000	0.544	0.07	0.00	0.0006	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0770	0.82	0.82
White Cross	0.0000	0.544	0.07	0.00	0.0770	0.01	0.01
Offshore Project	0.2026	0.544	0.07	2.01	0.0770	0.14	2.15
Total mortality (with Berwick Bank Offshore Wind Farm)				5.11	1.44		6.55
Total mortality (without Berwick Bank Offshore Wind Farm)				5.11	1.41		6.53

St Kilda SPA

Table 1-55 Puffin in-combination displacement mortality apportioned to St Kilda SPA (NatureScot Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.1440	0.544	0.07	0.06 to 0.09	0.0012	0.00 to 0.00	0.06 to 0.09
Awel y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.01 to 0.02	0.01 to 0.02
Beatrice	0.2320	0.544	0.07	6.04 to 10.06	0.0012	0.02 to 0.05	6.06 to 10.12
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.07 to 0.20	0.07 to 0.20
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.01	0.00 to 0.01
Burbo Bank	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.01 to 0.03	0.01 to 0.03
Caledonia Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.01 to 0.03	0.01 to 0.03
Cenos	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.01	0.00 to 0.01
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.01 to 0.02	0.01 to 0.02
Dogger Bank South	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.01	0.00 to 0.01
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.01	0.00 to 0.01

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.01	0.00 to 0.01
Dublin Array	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
East Anglia One	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
East Anglia One North	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.01	0.00 to 0.01
East Anglia Two	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.16 to 0.48	0.16 to 0.48
Five Estuaries	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Galloper	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Green Volt	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Gwynt y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.00 to 0.00	0.00 to 0.00
Hornsea Project One	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.01 to 0.03	0.01 to 0.03
Hornsea Project Two	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.02 to 0.05	0.02 to 0.05
Hornsea Three	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Hornsea Four	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.01	0.00 to 0.01
Humber Gateway	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.02 to 0.06	0.02 to 0.06
Kentish Flats	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kincardine	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
London Array	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.60 to 1.79	0.60 to 1.79
Mona	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.02 to 0.07	0.02 to 0.07
Moor Vannin	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.01 to 0.04	0.01 to 0.04
Moray East	0.2560	0.544	0.07	6.52 to 10.86	0.0012	0.00 to 0.01	6.52 to 10.87
Moray West	0.3140	0.544	0.07	3.19 to 5.31	0.0012	0.03 to 0.09	3.22 to 5.40
Morecambe	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.02 to 0.06	0.02 to 0.06
Morgan	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.01 to 0.02	0.01 to 0.02
Muir Mhor	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.01 to 0.04	0.01 to 0.04
Neart na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.02 to 0.05	0.02 to 0.05
Norfolk Boreas	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
North Falls	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.01 to 0.03	0.01 to 0.03
Outer Dowsing	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.01 to 0.02	0.01 to 0.02
Pentland Floating Offshore Wind Farm	0.0330	0.544	0.07	1.96 to 3.27	0.1682	0.01 to 0.02	1.97 to 3.28
Race Bank	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rampion 2	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Rhyl Flats	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.00 to 0.00	0.00 to 0.00
Robin Rigg	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.00 to 0.00	0.00 to 0.00
Salamander	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.01	0.00 to 0.01
Seagreen Bravo	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.03 to 0.09	0.03 to 0.09
Seagreen Alpha	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.01 to 0.03	0.01 to 0.03
Sheringham Shoal	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Teesside	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.00 to 0.00	0.00 to 0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.00 to 0.01	0.00 to 0.01
Walney Extension	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.04 to 0.12	0.04 to 0.12
West of Duddon Sands	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.04 to 0.11	0.04 to 0.11
Westermest Rough	0.0000	0.544	0.07	0.00 to 0.00	0.0012	0.00 to 0.00	0.00 to 0.00
West of Orkney Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.1682	2.16 to 6.47	2.16 to 6.47
White Cross	0.0000	0.544	0.07	0.00 to 0.00	0.1682	0.03 to 0.09	0.03 to 0.09
Offshore Project	0.1675	0.544	0.07	5.98 to 9.96	0.1682	0.38 to 1.13	6.35 to 11.09
Total mortality (with Berwick Bank Offshore Wind Farm)				23.73 to 39.55	3.77 to 11.31		27.50 to 50.87
Total mortality (without Berwick Bank Offshore Wind Farm)				23.73 to 39.55	3.71 to 11.12		27.44 to 50.67

Table 1-56 Puffin in-combination displacement mortality apportioned to St Kilda SPA (Applicant Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.1440	0.544	0.07	0.02	0.0012	0.00	0.02
Awel y Mor	0.0000	0.544	0.07	0.00	0.1682	0.01	0.01
Beatrice	0.2320	0.544	0.07	1.68	0.0012	0.01	1.69
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0012	0.05	0.05
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Burbo Bank	0.0000	0.544	0.07	0.00	0.1682	0.00	0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00	0.1682	0.01	0.01
Caledonia Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0012	0.01	0.01
Cenos	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Codling Wind Park	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Dogger Bank South	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Dublin Array	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
East Anglia One	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
East Anglia One North	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
East Anglia Three	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
East Anglia Two	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Erebus	0.0000	0.544	0.07	0.00	0.1682	0.13	0.13
Five Estuaries	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Galloper	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Greater Gabbard	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Green Volt	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Gwynt y Mor	0.0000	0.544	0.07	0.00	0.1682	0.00	0.00
Hornsea Project One	0.0000	0.544	0.07	0.00	0.0012	0.01	0.01
Hornsea Project Two	0.0000	0.544	0.07	0.00	0.0012	0.01	0.01
Hornsea Three	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Hornsea Four	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Humber Gateway	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Hywind	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0012	0.02	0.02
Kentish Flats	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kincardine	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
London Array	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Methil Demonstration	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Llŷr 1	0.0000	0.544	0.07	0.00	0.1682	0.50	0.50
Mona	0.0000	0.544	0.07	0.00	0.1682	0.02	0.02
Moor Vannin	0.0000	0.544	0.07	0.00	0.1682	0.01	0.01
Moray East	0.2560	0.544	0.07	1.81	0.0012	0.00	1.81
Moray West	0.3140	0.544	0.07	0.89	0.0012	0.02	0.91
Morecambe	0.0000	0.544	0.07	0.00	0.1682	0.02	0.02
Morgan	0.0000	0.544	0.07	0.00	0.1682	0.00	0.00
Muir Mhor	0.0000	0.544	0.07	0.00	0.0012	0.01	0.01
Neart na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0012	0.01	0.01
Norfolk Boreas	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
North Falls	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Oriel	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Ossian	0.0000	0.544	0.07	0.00	0.0012	0.01	0.01
Outer Dowsing	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0330	0.544	0.07	0.54	0.1682	0.01	0.55
Race Bank	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Rampion	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rampion 2	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Rhyl Flats	0.0000	0.544	0.07	0.00	0.1682	0.00	0.00
Robin Rigg	0.0000	0.544	0.07	0.00	0.1682	0.00	0.00
Salamander	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Seagreen Bravo	0.0000	0.544	0.07	0.00	0.0012	0.02	0.02
Seagreen Alpha	0.0000	0.544	0.07	0.00	0.0012	0.01	0.01
Sheringham Shoal	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Teesside	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Triton Knoll	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00	0.1682	0.00	0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00	0.1682	0.00	0.00
Walney Extension	0.0000	0.544	0.07	0.00	0.1682	0.03	0.03
West of Duddon Sands	0.0000	0.544	0.07	0.00	0.1682	0.03	0.03
Westermest Rough	0.0000	0.544	0.07	0.00	0.0012	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.1682	1.80	1.80
White Cross	0.0000	0.544	0.07	0.00	0.1682	0.03	0.03
Offshore Project	0.1675	0.544	0.07	1.66	0.1682	0.31	1.97
Total mortality (with Berwick Bank Offshore Wind Farm)				6.59	3.14		9.73
Total mortality (without Berwick Bank Offshore Wind Farm)				6.59	3.09		9.68

Sule Skerry and Sule Stack SPA

Table 1-57 Puffin in-combination displacement mortality apportioned to Sule Skerry and Sule Stack SPA (NatureScot Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Awel y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.00 to 0.01	0.00 to 0.01
Beatrice	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.01 to 0.02	0.01 to 0.02
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.03 to 0.08	0.03 to 0.08
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Burbo Bank	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.00 to 0.00	0.00 to 0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.00 to 0.01	0.00 to 0.01
Caledonia Offshore Wind Farm	0.5810	0.544	0.07	10.90 to 18.17	0.0005	0.00 to 0.01	10.91 to 18.19
Cenos	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Codling Wind Park	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.01	0.00 to 0.01
Dogger Bank South	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Dublin Array	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Dudgeon	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
East Anglia One	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
East Anglia One North	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
East Anglia Three	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
East Anglia Two	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Erebus	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.07 to 0.20	0.07 to 0.20
Five Estuaries	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Galloper	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Greater Gabbard	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Green Volt	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Gwynt y Mor	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.00 to 0.00	0.00 to 0.00
Hornsea Project One	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.01	0.00 to 0.01
Hornsea Project Two	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.01 to 0.02	0.01 to 0.02
Hornsea Three	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Hornsea Four	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Humber Gateway	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Hywind	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Inch Cape Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.01 to 0.02	0.01 to 0.02
Kentish Flats	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kincardine	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
London Array	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Methil Demonstration	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Llŷr 1	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.25 to 0.75	0.25 to 0.75
Mona	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.01 to 0.03	0.01 to 0.03
Moor Vannin	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.01 to 0.02	0.01 to 0.02
Moray East	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.01	0.00 to 0.01
Moray West	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.01 to 0.04	0.01 to 0.04
Morecambe	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.01 to 0.03	0.01 to 0.03
Morgan	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.00 to 0.01	0.00 to 0.01
Muir Mhor	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.01 to 0.02	0.01 to 0.02
Neart na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.01 to 0.02	0.01 to 0.02
Norfolk Boreas	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
North Falls	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Oriel	0.0000	0.544	0.07	0.00 to 0.00	0.0000	0.00 to 0.00	0.00 to 0.00
Ossian	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.01	0.00 to 0.01
Outer Dowsing	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.01	0.00 to 0.01
Pentland Floating Offshore Wind Farm	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.00 to 0.01	0.00 to 0.01
Race Bank	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Rampion	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rampion 2	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Rhyl Flats	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.00 to 0.00	0.00 to 0.00
Robin Rigg	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.00 to 0.00	0.00 to 0.00
Salamander	0.1454	0.544	0.07	2.22 to 3.71	0.0005	0.00 to 0.00	2.22 to 3.71
Seagreen Bravo	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.01 to 0.04	0.01 to 0.04
Seagreen Alpha	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.01	0.00 to 0.01
Sheringham Shoal	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Teesside	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Triton Knoll	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.00 to 0.00	0.00 to 0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.00 to 0.00	0.00 to 0.00
Walney Extension	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.02 to 0.05	0.02 to 0.05
West of Duddon Sands	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.01 to 0.04	0.01 to 0.04
Westermest Rough	0.0000	0.544	0.07	0.00 to 0.00	0.0005	0.00 to 0.00	0.00 to 0.00
West of Orkney Offshore Wind Farm	1.0000	0.544	0.07	48.01 to 80.01	0.0703	0.90 to 2.70	48.91 to 82.72
White Cross	0.0000	0.544	0.07	0.00 to 0.00	0.0703	0.01 to 0.04	0.01 to 0.04
Offshore Project	0.0539	0.544	0.07	1.92 to 3.20	0.0703	0.16 to 0.47	2.08 to 3.68
Total mortality (with Berwick Bank Offshore Wind Farm)				63.06 to 105.10	1.58 to 4.73		64.63 to 109.83
Total mortality (without Berwick Bank Offshore Wind Farm)				63.06 to 105.10	1.55 to 4.65		64.61 to 109.74

Table 1-58 Puffin in-combination displacement mortality apportioned to Sule Skerry and Sule Stack SPA (Applicant Approach)

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Awel y Mor	0.0000	0.544	0.07	0.00	0.0703	0.00	0.00
Beatrice	0.0000	0.544	0.07	0.00	0.0005	0.01	0.01
Berwick Bank Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0005	0.02	0.02
Blyth Demonstration Project (Phase 1)	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Burbo Bank	0.0000	0.544	0.07	0.00	0.0703	0.00	0.00
Burbo Bank Extension	0.0000	0.544	0.07	0.00	0.0703	0.00	0.00
Caledonia Offshore Wind Farm	0.5810	0.544	0.07	3.03	0.0005	0.00	3.03
Cenos	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Codling Wind Park	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Dogger Bank Creyke Beck B	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Dogger Bank South	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Dogger Bank Teesside A	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside B (Sofia)	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Dublin Array	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Dudgeon Extension	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
East Anglia One	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
East Anglia One North	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
East Anglia Three	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
East Anglia Two	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Erebus	0.0000	0.544	0.07	0.00	0.0703	0.06	0.06
Five Estuaries	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Galloper	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Greater Gabbard	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Green Volt	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Gwynt y Mor	0.0000	0.544	0.07	0.00	0.0703	0.00	0.00
Hornsea Project One	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Hornsea Project Two	0.0000	0.544	0.07	0.00	0.0005	0.01	0.01
Hornsea Three	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Hornsea Four	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Humber Gateway	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Hywind	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0005	0.01	0.01
Kentish Flats	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Kentish Flats Extension	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kincardine	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Lynn and Inner Dowsing and Linc	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
London Array	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Methil Demonstration	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Llŷr 1	0.0000	0.544	0.07	0.00	0.0703	0.21	0.21
Mona	0.0000	0.544	0.07	0.00	0.0703	0.01	0.01
Moor Vannin	0.0000	0.544	0.07	0.00	0.0703	0.00	0.00
Moray East	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Moray West	0.0000	0.544	0.07	0.00	0.0005	0.01	0.01
Morecambe	0.0000	0.544	0.07	0.00	0.0703	0.01	0.01
Morgan	0.0000	0.544	0.07	0.00	0.0703	0.00	0.00
Muir Mhor	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0005	0.01	0.01
Norfolk Boreas	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Norfolk Vanguard	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
North Falls	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Oriel	0.0000	0.544	0.07	0.00	0.0000	0.00	0.00
Ossian	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Outer Dowsing	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0000	0.544	0.07	0.00	0.0703	0.00	0.00
Race Bank	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Rampion	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00

Project	Breeding Season				Non-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Rampion 2	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Rhyl Flats	0.0000	0.544	0.07	0.00	0.0703	0.00	0.00
Robin Rigg	0.0000	0.544	0.07	0.00	0.0703	0.00	0.00
Salamander	0.1454	0.544	0.07	0.62	0.0005	0.00	0.62
Seagreen Bravo	0.0000	0.544	0.07	0.00	0.0005	0.01	0.01
Seagreen Alpha	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Sheringham Shoal	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Sheringham Shoal Extension	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Teesside	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Triton Knoll	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.544	0.07	0.00	0.0703	0.00	0.00
Walney 1 & 2	0.0000	0.544	0.07	0.00	0.0703	0.00	0.00
Walney Extension	0.0000	0.544	0.07	0.00	0.0703	0.01	0.01
West of Duddon Sands	0.0000	0.544	0.07	0.00	0.0703	0.01	0.01
Westermest Rough	0.0000	0.544	0.07	0.00	0.0005	0.00	0.00
West of Orkney Offshore Wind Farm	1.0000	0.544	0.07	13.34	0.0703	0.75	14.09
White Cross	0.0000	0.544	0.07	0.00	0.0703	0.01	0.01
Offshore Project	0.0539	0.544	0.07	0.53	0.0703	0.13	0.67
Total mortality (with Berwick Bank Offshore Wind Farm)				17.52	1.31		18.83
Total mortality (without Berwick Bank Offshore Wind Farm)				17.52	1.29		18.81

1.2.5 GANNET

Table 1-59 Gannet in-combination displacement mortality calculations

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)
Aberdeen Offshore Wind Farm	35	0.74	0.25	5	0.11	0.04	0	0.00	0.00
Arklow Bank Phase 2	90	1.89	0.63	40	0.84	0.28	30	0.63	0.21
Awel y Mor	328	6.89	2.30	201	4.22	1.41	0	0.00	0.00
Barrow	8	0.17	0.06	5	0.11	0.04	3	0.06	0.02
Beatrice	151	3.17	1.06	0	0.00	0.00	0	0.00	0.00
Berwick Bank Offshore Wind Farm	4,735	99.44	33.15	1,500	31.50	10.50	269	5.65	1.88
Blyth Demonstration Project (Phase 1)	34	0.71	0.24	63	1.31	0.44	3	0.06	0.02

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)
Buchan Offshore Wind Farm	235	4.93	1.64	187	3.92	1.31	53	1.12	0.37
Burbo Bank	6	0.13	0.04	5	0.11	0.04	3	0.06	0.02
Burbo Bank Extension	230	4.83	1.61	9	0.19	0.06	8	0.17	0.06
Caledonia Offshore Wind Farm	909	19.09	6.36	315	6.62	2.21	29	0.61	0.20
Cenos	216	4.54	1.51	264	5.53	1.84	18	0.38	0.13
Codling Wind Park	105	2.20	0.73	32	0.67	0.22	105	2.20	0.73
Dogger Bank Creyke Beck A + B	1,155	24.26	8.09	2,048	43.01	14.34	394	8.27	2.76
Dogger Bank South	1,560	32.77	10.92	1,574	33.05	11.02	900	18.90	6.30
Dogger Bank Teesside A + B (C and Sofia)	2,250	47.25	15.75	887	18.63	6.21	464	9.74	3.25

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)
Dublin Array	700	14.70	4.90	21	0.44	0.15	27	0.57	0.19
Dudgeon	53	1.11	0.37	25	0.53	0.18	11	0.23	0.08
Dudgeon Extension	417	8.76	2.92	343	7.20	2.40	47	0.99	0.33
East Anglia One	161	3.38	1.13	3,638	76.40	25.47	76	1.60	0.53
East Anglia One North	149	3.13	1.04	468	9.83	3.28	44	0.92	0.31
East Anglia Three	412	8.65	2.88	1,269	26.65	8.88	524	11.00	3.67
East Anglia Two	192	4.03	1.34	891	18.71	6.24	192	4.03	1.34
Erebus	224	4.70	1.57	334	7.01	2.34	100	2.10	0.70
Five Estuaries	294	6.17	2.06	657	13.79	4.60	102	2.15	0.72
Galloper	360	7.56	2.52	907	19.05	6.35	276	5.80	1.93
Greater Gabbard	252	5.29	1.76	69	1.45	0.48	105	2.21	0.74
Green Volt	198	4.16	1.39	24	0.50	0.17	102	2.14	0.71
Gunfleet Sands I	0	0.00	0.00	12	0.25	0.08	9	0.19	0.06
Gwynt y Mor	27	0.57	0.19	20	0.42	0.14	13	0.27	0.09

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)
Hornsea Project One	671	14.09	4.70	694	14.57	4.86	250	5.25	1.75
Hornsea Project Two	457	9.60	3.20	1,140	23.94	7.98	124	2.60	0.87
Hornsea Three	1,333	27.99	9.33	984	20.66	6.89	524	11.00	3.67
Hornsea Four	976	20.50	6.83	790	16.59	5.53	401	8.42	2.81
Humber Gateway	63	1.33	0.44	1	0.03	0.01	0	0.00	0.00
Hywind	10	0.21	0.07	0	0.00	0.00	4	0.08	0.03
Inch Cape Offshore Wind Farm	2,398	50.36	16.79	703	14.76	4.92	212	4.45	1.48
Kentish Flats Extension	0	0.00	0.00	13	0.27	0.09	0	0.00	0.00
Kincardine	120	2.52	0.84	0	0.00	0.00	0	0.00	0.00
Lynn and Inner Dowsing	208	4.37	1.46	79	1.65	0.55	0	0.00	0.00
Lincs	12	0.25	0.08	12	0.24	0.08	0	0.00	0.00
London Array	64	1.34	0.45	103	2.15	0.72	6	0.12	0.04

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)
Methil Demonstration	23	0.48	0.16	0	0.00	0.00	0	0.00	0.00
Llŷr 1	246	5.17	1.72	715	15.02	5.01	65	1.37	0.46
Mona	251	5.27	1.76	58	1.22	0.41	28	0.59	0.20
Moor Vannin	319	6.69	2.23	161	3.37	1.12	21	0.43	0.14
Moray East	564	11.84	3.95	292	6.13	2.04	27	0.57	0.19
Moray West	2,827	59.37	19.79	439	9.22	3.07	144	3.02	1.01
Morecambe	541	11.36	3.79	14	0.29	0.10	0	0.00	0.00
Morgan	154	3.23	1.08	65	1.37	0.46	35	0.74	0.25
Muir Mhor	597	12.55	4.18	593	12.45	4.15	74	1.56	0.52
Neart na Gaoithe Offshore Wind Farm	1,987	41.73	13.91	552	11.59	3.86	281	5.90	1.97
Norfolk Boreas	1,229	25.81	8.60	1,723	36.18	12.06	526	11.05	3.68
Norfolk Vanguard	271	5.69	1.90	2,453	51.51	17.17	437	9.18	3.06
North Falls	69	1.45	0.48	287	6.03	2.01	196	4.12	1.37
North Hoyle	7	0.15	0.05	5	0.11	0.04	3	0.06	0.02

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)
North Irish Sea Array	304	6.38	2.13	265	5.57	1.86	13	0.27	0.09
Oriel	264	5.54	1.85	336	7.06	2.35	43	0.90	0.30
Ormonde	199	4.18	1.39		0.00	0.00		0.00	0.00
Ossian	1,393	29.25	9.75	775	16.28	5.43	42	0.88	0.29
Outer Dowsing	554	11.63	3.88	496	10.42	3.47	283	5.93	1.98
Pentland Floating Offshore Wind Farm	166	3.49	1.16	24	0.50	0.17	8	0.17	0.06
Race Bank	92	1.93	0.64	32	0.67	0.22	29	0.61	0.20
Rampion	0	0.00	0.00	590	12.39	4.13	0	0.00	0.00
Rampion 2	111	2.33	0.78	102	2.14	0.71	123	2.58	0.86
Rhyl Flats	8	0.17	0.06	6	0.13	0.04	4	0.08	0.03
Robin Rigg	11	0.23	0.08	7	0.15	0.05	4	0.08	0.03
Salamander	442	9.28	3.09	363	7.61	2.54	9	0.18	0.06
Seagreen Phase 1 Wind Farm	2,956	62.08	20.69	664	13.94	4.65	332	6.97	2.32
Sheringham Shoal	47	0.99	0.33	31	0.65	0.22	2	0.04	0.01

Project	Breeding Season			Post-breeding Season			Pre-breeding Season		
	Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality		Mean-peak Abundance	Estimated displacement mortality	
		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)		NatureScot Upper (70% displacement / 3% mortality)	NatureScot Lower / Applicant (70% displacement / 1% mortality)
Sheringham Shoal Extension	23	0.48	0.16	295	6.20	2.07	11	0.23	0.08
Teesside	1	0.02	0.01	0	0.00	0.00	0	0.00	0.00
Thanet	37	0.77	0.26	13	0.27	0.09	0	0.00	0.00
Triton Knoll	211	4.43	1.48	15	0.32	0.11	24	0.50	0.17
Twinhub (Wave Hub Floating Wind Farm)	244	5.11	1.70	153	3.21	1.07	10	0.21	0.07
Walney 1&2	36	0.76	0.25	26	0.55	0.18	15	0.32	0.11
Walney Extension	150	3.16	1.05	259	5.44	1.81	24	0.50	0.17
West of Duddon Sands	431	9.05	3.02	18	0.38	0.13	11	0.23	0.08
West of Orkney Offshore Wind Farm	852	17.89	5.96	1,171	24.59	8.20	140	2.93	0.98
White Cross	239	5.02	1.67	141	2.96	0.99	57	1.20	0.40
Offshore Project	431	9.06	3.02	158	3.32	1.11	29	0.61	0.20

Aisla Craig SPA

Table 1-60 Gannet in-combination displacement mortality apportioned to Ailsa Craig SPA (NatureScot Upper Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0730	0.552	0.1	0.03	0.0000	0.00	0.0000	0.00	0.03
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.4620	0.552	0.1	1.58	0.0994	0.42	0.0820	0.00	2.00
Barrow	0.5680	0.552	0.1	0.05	0.0994	0.01	0.0820	0.01	0.06
Beatrice	0.0960	0.552	0.1	0.15	0.0000	0.00	0.0000	0.00	0.15
Berwick Bank Offshore Wind Farm	0.0300	0.552	0.1	1.48	0.0000	0.00	0.0000	0.00	1.48
Blyth Demonstration Project (Phase 1)	0.1190	0.552	0.1	0.04	0.0000	0.00	0.0000	0.00	0.04
Buchan Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Burbo Bank	0.4620	0.552	0.1	0.03	0.0994	0.01	0.0820	0.01	0.04
Burbo Bank Extension	0.4620	0.552	0.1	1.11	0.0994	0.02	0.0820	0.01	1.14

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Cenos	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Codling Wind Park	0.0748	0.552	0.1	0.08	0.0000	0.00	0.0000	0.00	0.08
Dogger Bank Creyke Beck A + B	0.1210	0.552	0.1	1.46	0.0000	0.00	0.0000	0.00	1.46
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Teesside A + B (C and Sofia)	0.1500	0.552	0.1	3.52	0.0000	0.00	0.0000	0.00	3.52
Dublin Array	0.1640	0.552	0.1	1.20	0.0000	0.00	0.0000	0.00	1.20
Dudgeon	0.1260	0.552	0.1	0.07	0.0000	0.00	0.0000	0.00	0.07
Dudgeon Extension	0.1170	0.552	0.1	0.51	0.0000	0.00	0.0000	0.00	0.51
East Anglia One	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia One North	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Erebus	0.0000	0.552	0.1	0.00	0.0994	0.70	0.0820	0.17	0.87

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Green Volt	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Gwynt y Mor	0.4620	0.552	0.1	0.13	0.0994	0.04	0.0820	0.02	0.19
Hornsea Project One	0.1170	0.552	0.1	0.82	0.0000	0.00	0.0000	0.00	0.82
Hornsea Project Two	0.1070	0.552	0.1	0.51	0.0000	0.00	0.0000	0.00	0.51
Hornsea Three	0.1340	0.552	0.1	1.87	0.0000	0.00	0.0000	0.00	1.87
Hornsea Four	0.0630	0.552	0.1	0.64	0.0000	0.00	0.0000	0.00	0.64
Humber Gateway	0.0470	0.552	0.1	0.03	0.0000	0.00	0.0000	0.00	0.03
Hywind	0.0840	0.552	0.1	0.01	0.0000	0.00	0.0000	0.00	0.01
Inch Cape Offshore Wind Farm	0.0100	0.552	0.1	0.25	0.0000	0.00	0.0000	0.00	0.25
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Kincardine	0.0580	0.552	0.1	0.07	0.0000	0.00	0.0000	0.00	0.07
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Lincs	0.1100	0.552	0.1	0.01	0.0000	0.00	0.0000	0.00	0.01
London Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0050	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Llŷr 1	0.0070	0.552	0.1	0.02	0.0994	1.49	0.0820	0.11	1.62
Mona	0.5620	0.552	0.1	1.47	0.0994	0.12	0.0820	0.05	1.64
Mooir Vannin	0.7980	0.552	0.1	2.65	0.0994	0.33	0.0820	0.04	3.02
Moray East	0.0980	0.552	0.1	0.58	0.0000	0.00	0.0000	0.00	0.58
Moray West	0.1040	0.552	0.1	3.07	0.0000	0.00	0.0000	0.00	3.07
Morecambe	0.5078	0.552	0.1	2.87	0.0994	0.03	0.0820	0.00	2.90
Morgan	0.5680	0.552	0.1	0.91	0.0994	0.14	0.0820	0.06	1.11
Muir Mhor	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0020	0.552	0.1	0.04	0.0000	0.00	0.0000	0.00	0.04
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
North Hoyle	0.4620	0.552	0.1	0.03	0.0994	0.01	0.0820	0.01	0.05
North Irish Sea Array	0.2110	0.552	0.1	0.67	0.0000	0.00	0.0000	0.00	0.67
Oriel	0.4600	0.552	0.1	1.27	0.0000	0.00	0.0000	0.00	1.27
Ormonde	0.0000	0.552	0.1	0.00	0.0994	0.00	0.0820	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.0052	0.552	0.1	0.01	0.0994	0.05	0.0820	0.01	0.07
Race Bank	0.1060	0.552	0.1	0.10	0.0000	0.00	0.0000	0.00	0.10
Rampion	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Rhyl Flats	0.4620	0.552	0.1	0.04	0.0994	0.01	0.0820	0.01	0.06
Robin Rigg	0.5680	0.552	0.1	0.07	0.0994	0.01	0.0820	0.01	0.09
Salamander	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Seagreen Phase 1 Wind Farm	0.0220	0.552	0.1	0.68	0.0000	0.00	0.0000	0.00	0.68
Sheringham Shoal	0.1310	0.552	0.1	0.06	0.0000	0.00	0.0000	0.00	0.06
Sheringham Shoal Extension	0.1170	0.552	0.1	0.03	0.0000	0.00	0.0000	0.00	0.03
Teesside	0.0990	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Triton Knoll	0.0810	0.552	0.1	0.18	0.0000	0.00	0.0000	0.00	0.18
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.0994	0.32	0.0820	0.02	0.34
Walney 1&2	0.5680	0.552	0.1	0.21	0.0994	0.05	0.0820	0.03	0.29
Walney Extension	0.5680	0.552	0.1	0.89	0.0994	0.54	0.0820	0.04	1.47

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Duddon Sands	0.5680	0.552	0.1	2.56	0.0994	0.04	0.0820	0.02	2.61
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0994	2.44	0.0820	0.24	2.68
White Cross	0.0000	0.552	0.1	0.00	0.0994	0.29	0.0820	0.10	0.39
Offshore Project	0.0298	0.946	0.1	0.23	0.0994	0.33	0.0820	0.05	0.61
Total mortality (with Berwick Bank Offshore Wind Farm)				34.30	7.428		1.00		42.72
Total mortality (without Berwick Bank Offshore Wind Farm)				32.82	7.42		1.00		41.24

Table 1-61 Gannet in-combination displacement mortality apportioned to Ailsa Craig SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0730	0.552	0.1	0.01	0.0000	0.00	0.0000	0.00	0.01
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.4620	0.552	0.1	0.53	0.0994	0.14	0.0820	0.00	0.67
Barrow	0.5680	0.552	0.1	0.02	0.0994	0.00	0.0820	0.00	0.02

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice	0.0960	0.552	0.1	0.05	0.0000	0.00	0.0000	0.00	0.05
Berwick Bank Offshore Wind Farm	0.0300	0.552	0.1	0.49	0.0000	0.00	0.0000	0.00	0.49
Blyth Demonstration Project (Phase 1)	0.1190	0.552	0.1	0.01	0.0000	0.00	0.0000	0.00	0.01
Buchan Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Burbo Bank	0.4620	0.552	0.1	0.01	0.0994	0.00	0.0820	0.00	0.01
Burbo Bank Extension	0.4620	0.552	0.1	0.37	0.0994	0.01	0.0820	0.00	0.38
Caledonia Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Cenos	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Codling Wind Park	0.0748	0.552	0.1	0.03	0.0000	0.00	0.0000	0.00	0.03
Dogger Bank Creyke Beck A + B	0.1210	0.552	0.1	0.49	0.0000	0.00	0.0000	0.00	0.49
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside A + B (C and Sofia)	0.1500	0.552	0.1	1.17	0.0000	0.00	0.0000	0.00	1.17
Dublin Array	0.1640	0.552	0.1	0.40	0.0000	0.00	0.0000	0.00	0.40
Dudgeon	0.1260	0.552	0.1	0.02	0.0000	0.00	0.0000	0.00	0.02
Dudgeon Extension	0.1170	0.552	0.1	0.17	0.0000	0.00	0.0000	0.00	0.17
East Anglia One	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia One North	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Erebus	0.0000	0.552	0.1	0.00	0.0994	0.23	0.0820	0.06	0.29
Five Estuaries	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Green Volt	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Gwynt y Mor	0.4620	0.552	0.1	0.04	0.0994	0.01	0.0820	0.01	0.06
Hornsea Project One	0.1170	0.552	0.1	0.27	0.0000	0.00	0.0000	0.00	0.27
Hornsea Project Two	0.1070	0.552	0.1	0.17	0.0000	0.00	0.0000	0.00	0.17
Hornsea Three	0.1340	0.552	0.1	0.62	0.0000	0.00	0.0000	0.00	0.62

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Four	0.0630	0.552	0.1	0.21	0.0000	0.00	0.0000	0.00	0.21
Humber Gateway	0.0470	0.552	0.1	0.01	0.0000	0.00	0.0000	0.00	0.01
Hywind	0.0840	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0100	0.552	0.1	0.08	0.0000	0.00	0.0000	0.00	0.08
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Kincardine	0.0580	0.552	0.1	0.02	0.0000	0.00	0.0000	0.00	0.02
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Lincs	0.1100	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
London Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0050	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Llŷr 1	0.0070	0.552	0.1	0.01	0.0994	0.50	0.0820	0.04	0.54
Mona	0.5620	0.552	0.1	0.49	0.0994	0.04	0.0820	0.02	0.55
Moor Vannin	0.7980	0.552	0.1	0.88	0.0994	0.11	0.0820	0.01	1.01
Moray East	0.0980	0.552	0.1	0.19	0.0000	0.00	0.0000	0.00	0.19
Moray West	0.1040	0.552	0.1	1.02	0.0000	0.00	0.0000	0.00	1.02
Morecambe	0.5078	0.552	0.1	0.96	0.0994	0.01	0.0820	0.00	0.97
Morgan	0.5680	0.552	0.1	0.30	0.0994	0.05	0.0820	0.02	0.37
Muir Mhor	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0020	0.552	0.1	0.01	0.0000	0.00	0.0000	0.00	0.01
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
North Hoyle	0.4620	0.552	0.1	0.01	0.0994	0.00	0.0820	0.00	0.02
North Irish Sea Array	0.2110	0.552	0.1	0.22	0.0000	0.00	0.0000	0.00	0.22
Oriel	0.4600	0.552	0.1	0.42	0.0000	0.00	0.0000	0.00	0.42
Ormonde	0.0000	0.552	0.1	0.00	0.0994	0.00	0.0820	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0052	0.552	0.1	0.00	0.0994	0.02	0.0820	0.00	0.02
Race Bank	0.1060	0.552	0.1	0.03	0.0000	0.00	0.0000	0.00	0.03
Rampion	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Rhyl Flats	0.4620	0.552	0.1	0.01	0.0994	0.00	0.0820	0.00	0.02
Robin Rigg	0.5680	0.552	0.1	0.02	0.0994	0.00	0.0820	0.00	0.03
Salamander	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Seagreen Phase 1 Wind Farm	0.0220	0.552	0.1	0.23	0.0000	0.00	0.0000	0.00	0.23

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.1310	0.552	0.1	0.02	0.0000	0.00	0.0000	0.00	0.02
Sheringham Shoal Extension	0.1170	0.552	0.1	0.01	0.0000	0.00	0.0000	0.00	0.01
Teesside	0.0990	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Triton Knoll	0.0810	0.552	0.1	0.06	0.0000	0.00	0.0000	0.00	0.06
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.0994	0.11	0.0820	0.01	0.11
Walney 1&2	0.5680	0.552	0.1	0.07	0.0994	0.02	0.0820	0.01	0.10
Walney Extension	0.5680	0.552	0.1	0.30	0.0994	0.18	0.0820	0.01	0.49
West of Duddon Sands	0.5680	0.552	0.1	0.85	0.0994	0.01	0.0820	0.01	0.87
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0994	0.81	0.0820	0.08	0.89
White Cross	0.0000	0.552	0.1	0.00	0.0994	0.10	0.0820	0.03	0.13
Offshore Project	0.0298	0.946	0.1	0.08	0.0994	0.11	0.0820	0.02	0.20
Total mortality (with Berwick Bank Offshore Wind Farm)				11.43	2.47		0.33		14.24
Total mortality (without Berwick Bank Offshore Wind Farm)				10.94	2.47		0.33		13.75

Forth Islands SPA

Table 1-62 Gannet in-combination displacement mortality apportioned to Forth Islands SPA (NatureScot Upper Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.8070	0.552	0.1	0.29	0.2432	0.03	0.3127	0.00	0.32
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Barrow	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Beatrice	0.4270	0.552	0.1	0.67	0.2432	0.00	0.3127	0.00	0.67
Berwick Bank Offshore Wind Farm	0.9380	0.552	0.1	(46.38)*	0.2432	(7.66)*	0.3127	(1.77)*	(55.80)*
Blyth Demonstration Project (Phase 1)	0.7190	0.552	0.1	0.25	0.2432	0.32	0.3127	0.02	0.59
Buchan Offshore Wind Farm	0.3540	0.552	0.1	0.87	0.2432	0.95	0.3127	0.35	2.17
Burbo Bank	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.01	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.4080	0.552	0.1	3.87	0.2432	1.61	0.3127	0.19	5.67
Cenos	0.8000	0.552	0.1	1.80	0.2432	1.35	0.3127	0.12	3.27
Codling Wind Park	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A + B	0.4370	0.552	0.1	5.27	0.2432	10.46	0.3127	2.59	18.32
Dogger Bank South	0.0000	0.552	0.1	0.00	0.2432	8.04	0.3127	5.91	13.95
Dogger Bank Teesside A + B (C and Sofia)	0.5400	0.552	0.1	12.69	0.2432	4.53	0.3127	3.05	20.26
Dublin Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.3080	0.552	0.1	0.17	0.2432	0.13	0.3127	0.07	0.37
Dudgeon Extension	0.2870	0.552	0.1	1.25	0.2432	1.75	0.3127	0.31	3.31
East Anglia One	0.0000	0.552	0.1	0.00	0.2432	18.58	0.3127	0.50	19.08
East Anglia One North	0.0000	0.552	0.1	0.00	0.2432	2.39	0.3127	0.29	2.68
East Anglia Three	0.5470	0.552	0.1	2.35	0.2432	6.48	0.3127	3.44	12.27
East Anglia Two	0.0000	0.552	0.1	0.00	0.2432	4.55	0.3127	1.26	5.81
Erebus	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.11	0.11
Five Estuaries	0.0000	0.552	0.1	0.00	0.2432	3.35	0.3127	0.67	4.03
Galloper	0.0000	0.552	0.1	0.00	0.2432	4.63	0.3127	1.81	6.44

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Greater Gabbard	0.0000	0.552	0.1	0.00	0.2432	0.35	0.3127	0.69	1.04
Green Volt	0.5500	0.552	0.1	(1.14)*	0.2432	(0.12)*	0.3127	(0.67)*	(1.93)*
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.2432	0.06	0.3127	0.06	0.12
Gwynt y Mor	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.01	0.01
Hornsea Project One	0.3300	0.552	0.1	2.31	0.2432	3.54	0.3127	1.64	7.50
Hornsea Project Two	0.3090	0.552	0.1	1.47	0.2432	5.82	0.3127	0.81	8.11
Hornsea Three	0.3840	0.552	0.1	5.34	0.2432	5.03	0.3127	3.44	13.81
Hornsea Four	0.1890	0.552	0.1	1.93	0.2432	4.03	0.3127	2.63	8.59
Humber Gateway	0.1170	0.552	0.1	0.08	0.2432	0.01	0.3127	0.00	0.08
Hywind	0.4250	0.552	0.1	0.04	0.2432	0.00	0.3127	0.03	0.07
Inch Cape Offshore Wind Farm	0.9960	0.552	0.1	24.94	0.2432	3.59	0.3127	1.39	29.92
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.2432	0.07	0.3127	0.00	0.07
Kincardine	0.8610	0.552	0.1	1.08	0.2432	0.00	0.3127	0.00	1.08
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.2432	0.40	0.3127	0.00	0.40
Lincs	0.2530	0.552	0.1	0.03	0.2432	0.06	0.3127	0.00	0.09
London Array	0.0000	0.552	0.1	0.00	0.2432	0.52	0.3127	0.04	0.56
Methil Demonstration	0.9930	0.552	0.1	0.24	0.2432	0.00	0.3127	0.00	0.24

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Llŷr 1	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.07	0.07
Mona	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.03	0.03
Mooir Vannin	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.02	0.02
Moray East	0.4580	0.552	0.1	2.70	0.2432	1.49	0.3127	0.18	4.37
Moray West	0.4670	0.552	0.1	13.79	0.2432	2.24	0.3127	0.95	16.97
Morecambe	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Morgan	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.04	0.04
Muir Mhor	0.6210	0.552	0.1	3.87	0.2432	3.03	0.3127	0.49	7.39
Neart na Gaoithe Offshore Wind Farm	0.9960	0.552	0.1	20.67	0.2432	2.82	0.3127	1.85	25.33
Norfolk Boreas	0.5280	0.552	0.1	6.78	0.2432	8.80	0.3127	3.45	19.03
Norfolk Vanguard	0.5010	0.552	0.1	1.42	0.2432	12.53	0.3127	2.87	16.81
North Falls	0.0000	0.552	0.1	0.00	0.2432	1.47	0.3127	1.29	2.75
North Hoyle	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.2432	3.96	0.3127	0.28	4.23
Outer Dowsing	0.0000	0.552	0.1	0.00	0.2432	2.53	0.3127	1.86	4.39
Pentland Floating Offshore Wind Farm	0.1680	0.552	0.1	0.29	0.0000	0.00	0.0503	0.01	0.30

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Race Bank	0.2520	0.552	0.1	0.24	0.2432	0.16	0.3127	0.19	0.60
Rampion	0.0000	0.552	0.1	0.00	0.2432	3.01	0.3127	0.00	3.01
Rampion 2	0.0000	0.552	0.1	0.00	0.2432	0.52	0.3127	0.81	1.33
Rhyl Flats	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Robin Rigg	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Salamander	0.4587	0.552	0.1	(2.12)*	0.2432	(1.85)*	0.3127	(0.06)*	(4.02)*
Seagreen Phase 1 Wind Farm	0.9540	0.552	0.1	29.45	0.2432	3.39	0.3127	2.18	35.02
Sheringham Shoal	0.3070	0.552	0.1	0.15	0.2432	0.16	0.3127	0.01	0.32
Sheringham Shoal Extension	0.2870	0.552	0.1	0.07	0.2432	1.51	0.3127	0.07	1.65
Teesside	0.3570	0.552	0.1	0.00	0.2432	0.00	0.3127	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.2432	0.06	0.3127	0.00	0.06
Triton Knoll	0.2030	0.552	0.1	0.45	0.2432	0.08	0.3127	0.16	0.68
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.01	0.01
Walney 1&2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.02	0.02
Walney Extension	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.03	0.03
West of Duddon Sands	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.01	0.01
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.15	0.15

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
White Cross	0.0000	0.552	0.1	(0.00)*	0.0000	(0.00)*	0.0503	(0.06)*	(0.06)*
Offshore Project	0.0341	0.946	0.1	0.26	0.0000	0.00	0.0503	0.03	0.29
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm, Green Volt, Salamander and West of Orkney Offshore Wind Farm)				147.09	140.38		48.40		335.88
* Impacts are required to be compensated and not included in 'Total Mortality'									

Table 1-63 Gannet in-combination displacement mortality apportioned to Forth Islands SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.8070	0.552	0.1	0.10	0.2432	0.01	0.3127	0.00	0.11
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Barrow	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Beatrice	0.4270	0.552	0.1	0.22	0.2432	0.00	0.3127	0.00	0.22
Berwick Bank Offshore Wind Farm	0.9380	0.552	0.1	15.46	0.2432	2.55	0.3127	0.59	18.60

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Blyth Demonstration Project (Phase 1)	0.7190	0.552	0.1	0.08	0.2432	0.11	0.3127	0.01	0.20
Buchan Offshore Wind Farm	0.3540	0.552	0.1	0.29	0.2432	0.32	0.3127	0.12	0.72
Burbo Bank	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Caledonia Offshore Wind Farm	0.4080	0.552	0.1	1.29	0.2432	0.54	0.3127	0.06	1.89
Cenos	0.8000	0.552	0.1	0.60	0.2432	0.45	0.3127	0.04	1.09
Codling Wind Park	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A + B	0.4370	0.552	0.1	1.76	0.2432	3.49	0.3127	0.86	6.11
Dogger Bank South	0.0000	0.552	0.1	0.00	0.2432	2.68	0.3127	1.97	4.65
Dogger Bank Teesside A + B (C and Sofia)	0.5400	0.552	0.1	4.23	0.2432	1.51	0.3127	1.02	6.75
Dublin Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.3080	0.552	0.1	0.06	0.2432	0.04	0.3127	0.02	0.12
Dudgeon Extension	0.2870	0.552	0.1	0.42	0.2432	0.58	0.3127	0.10	1.10

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
East Anglia One	0.0000	0.552	0.1	0.00	0.2432	6.19	0.3127	0.17	6.36
East Anglia One North	0.0000	0.552	0.1	0.00	0.2432	0.80	0.3127	0.10	0.89
East Anglia Three	0.5470	0.552	0.1	0.78	0.2432	2.16	0.3127	1.15	4.09
East Anglia Two	0.0000	0.552	0.1	0.00	0.2432	1.52	0.3127	0.42	1.94
Erebus	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.04	0.04
Five Estuaries	0.0000	0.552	0.1	0.00	0.2432	1.12	0.3127	0.22	1.34
Galloper	0.0000	0.552	0.1	0.00	0.2432	1.54	0.3127	0.60	2.15
Greater Gabbard	0.0000	0.552	0.1	0.00	0.2432	0.12	0.3127	0.23	0.35
Green Volt	0.5500	0.552	0.1	0.38	0.2432	0.04	0.3127	0.22	0.64
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.2432	0.02	0.3127	0.02	0.04
Gwynt y Mor	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Hornsea Project One	0.3300	0.552	0.1	0.77	0.2432	1.18	0.3127	0.55	2.50
Hornsea Project Two	0.3090	0.552	0.1	0.49	0.2432	1.94	0.3127	0.27	2.70
Hornsea Three	0.3840	0.552	0.1	1.78	0.2432	1.68	0.3127	1.15	4.60
Hornsea Four	0.1890	0.552	0.1	0.64	0.2432	1.34	0.3127	0.88	2.86
Humber Gateway	0.1170	0.552	0.1	0.03	0.2432	0.00	0.3127	0.00	0.03
Hywind	0.4250	0.552	0.1	0.01	0.2432	0.00	0.3127	0.01	0.02
Inch Cape Offshore Wind Farm	0.9960	0.552	0.1	8.31	0.2432	1.20	0.3127	0.46	9.97

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.2432	0.02	0.3127	0.00	0.02
Kincardine	0.8610	0.552	0.1	0.36	0.2432	0.00	0.3127	0.00	0.36
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.2432	0.13	0.3127	0.00	0.13
Lincs	0.2530	0.552	0.1	0.01	0.2432	0.02	0.3127	0.00	0.03
London Array	0.0000	0.552	0.1	0.00	0.2432	0.17	0.3127	0.01	0.19
Methil Demonstration	0.9930	0.552	0.1	0.08	0.2432	0.00	0.3127	0.00	0.08
Llŷr 1	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.02	0.02
Mona	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.01	0.01
Moor Vannin	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.01	0.01
Moray East	0.4580	0.552	0.1	0.90	0.2432	0.50	0.3127	0.06	1.46
Moray West	0.4670	0.552	0.1	4.60	0.2432	0.75	0.3127	0.32	5.66
Morecambe	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Morgan	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.01	0.01
Muir Mhor	0.6210	0.552	0.1	1.29	0.2432	1.01	0.3127	0.16	2.46
Neart na Gaoithe Offshore Wind Farm	0.9960	0.552	0.1	6.89	0.2432	0.94	0.3127	0.62	8.44
Norfolk Boreas	0.5280	0.552	0.1	2.26	0.2432	2.93	0.3127	1.15	6.34
Norfolk Vanguard	0.5010	0.552	0.1	0.47	0.2432	4.18	0.3127	0.96	5.60
North Falls	0.0000	0.552	0.1	0.00	0.2432	0.49	0.3127	0.43	0.92
North Hoyle	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
North Irish Sea Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.2432	1.32	0.3127	0.09	1.41
Outer Dowsing	0.0000	0.552	0.1	0.00	0.2432	0.84	0.3127	0.62	1.46
Pentland Floating Offshore Wind Farm	0.1680	0.552	0.1	0.10	0.0000	0.00	0.0503	0.00	0.10
Race Bank	0.2520	0.552	0.1	0.08	0.2432	0.05	0.3127	0.06	0.20
Rampion	0.0000	0.552	0.1	0.00	0.2432	1.00	0.3127	0.00	1.00
Rampion 2	0.0000	0.552	0.1	0.00	0.2432	0.17	0.3127	0.27	0.44
Rhyl Flats	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Robin Rigg	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Salamander	0.4587	0.552	0.1	0.71	0.2432	0.62	0.3127	0.02	1.34
Seagreen Phase 1 Wind Farm	0.9540	0.552	0.1	9.82	0.2432	1.13	0.3127	0.73	11.67
Sheringham Shoal	0.3070	0.552	0.1	0.05	0.2432	0.05	0.3127	0.00	0.11
Sheringham Shoal Extension	0.2870	0.552	0.1	0.02	0.2432	0.50	0.3127	0.02	0.55
Teesside	0.3570	0.552	0.1	0.00	0.2432	0.00	0.3127	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.2432	0.02	0.3127	0.00	0.02
Triton Knoll	0.2030	0.552	0.1	0.15	0.2432	0.03	0.3127	0.05	0.23

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
Walney 1&2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.01	0.01
Walney Extension	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.01	0.01
West of Duddon Sands	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.05	0.05
White Cross	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0503	0.02	0.02
Offshore Project	0.0341	0.946	0.1	0.09	0.0000	0.00	0.0503	0.01	0.10
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm, Green Volt, Salamander and West of Orkney Offshore Wind Farm)				49.03	46.79		16.13		111.96
* Impacts are required to be compensated and not included in 'Total Mortality'									

Grassholm SPA

Table 1-64 Gannet in-combination displacement mortality apportioned to Grassholm SPA (NatureScot Upper Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.3670	0.552	0.1	1.26	0.1439	0.61	0.1187	0.00	1.86
Barrow	0.2160	0.552	0.1	0.02	0.1439	0.02	0.1187	0.01	0.04
Beatrice	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Burbo Bank	0.3450	0.552	0.1	0.02	0.1439	0.02	0.1187	0.01	0.04
Burbo Bank Extension	0.3450	0.552	0.1	0.83	0.1439	0.03	0.1187	0.02	0.88

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Cenos	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Codling Wind Park	0.2474	0.552	0.1	0.27	0.0000	0.00	0.0000	0.00	0.27
Dogger Bank Creyke Beck A + B	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Teesside A + B (C and Sofia)	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dublin Array	0.2640	0.552	0.1	1.93	0.0000	0.00	0.0000	0.00	1.93
Dudgeon	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia One North	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Erebus	0.9950	0.552	0.1	2.33	0.1439	1.01	0.1187	0.25	3.59

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Green Volt	0.0100	0.552	0.1	0.02	0.0000	0.00	0.0000	0.00	0.02
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Gwynt y Mor	0.3670	0.552	0.1	0.10	0.1439	0.06	0.1187	0.03	0.20
Hornsea Project One	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Hornsea Project Two	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Hornsea Three	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Hornsea Four	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Humber Gateway	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Hywind	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Kincardine	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
London Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Llŷr 1	0.9690	0.552	0.1	2.49	0.1439	2.16	0.1187	0.16	4.81
Mona	0.1760	0.552	0.1	0.46	0.1439	0.18	0.1187	0.07	0.71
Moor Vannin	0.0810	0.552	0.1	0.27	0.1439	0.49	0.1187	0.05	0.81
Moray East	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Moray West	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Morecambe	0.3140	0.552	0.1	1.77	0.1439	0.04	0.1187	0.00	1.82
Morgan	0.2160	0.552	0.1	0.35	0.1439	0.20	0.1187	0.09	0.63
Muir Mhor	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
North Hoyle	0.3450	0.552	0.1	0.03	0.1439	0.02	0.1187	0.01	0.05
North Irish Sea Array	0.1270	0.552	0.1	0.40	0.0000	0.00	0.0000	0.00	0.40
Oriel	0.2400	0.552	0.1	0.66	0.0000	0.00	0.0000	0.00	0.66
Ormonde	0.2160	0.552	0.1	0.45	0.1439	0.00	0.1187	0.00	0.45
Ossian	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.1439	0.07	0.1187	0.02	0.09
Race Bank	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Rampion	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Rhyl Flats	0.3450	0.552	0.1	0.03	0.1439	0.02	0.1187	0.01	0.06
Robin Rigg	0.2160	0.552	0.1	0.02	0.1439	0.02	0.1187	0.01	0.06
Salamander	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Seagreen Phase 1 Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Sheringham Shoal	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Teesside	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Triton Knoll	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	1.0000	0.552	0.1	2.54	0.1439	0.46	0.1187	0.02	3.03
Walney 1&2	0.2160	0.552	0.1	0.08	0.1439	0.08	0.1187	0.04	0.20
Walney Extension	0.2160	0.552	0.1	0.34	0.1439	0.78	0.1187	0.06	1.18

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Duddon Sands	0.2160	0.552	0.1	0.97	0.1439	0.05	0.1187	0.03	1.05
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.1439	3.54	0.1187	0.35	3.89
White Cross	0.5210	0.552	0.1	1.30	0.1439	0.43	0.1187	0.14	1.87
Offshore Project	0.0000	0.946	0.1	0.00	0.1439	0.48	0.1187	0.07	0.55
Total mortality				18.95	10.74		1.45		31.14

Table 1-65 Gannet in-combination displacement mortality apportioned to Grassholm SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.3670	0.552	0.1	0.42	0.1439	0.20	0.1187	0.00	0.62
Barrow	0.2160	0.552	0.1	0.01	0.1439	0.01	0.1187	0.00	0.01
Beatrice	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Burbo Bank	0.3450	0.552	0.1	0.01	0.1439	0.01	0.1187	0.00	0.01
Burbo Bank Extension	0.3450	0.552	0.1	0.28	0.1439	0.01	0.1187	0.01	0.29
Caledonia Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Cenos	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Codling Wind Park	0.2474	0.552	0.1	0.09	0.0000	0.00	0.0000	0.00	0.09
Dogger Bank Creyke Beck A + B	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside A + B (C and Sofia)	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dublin Array	0.2640	0.552	0.1	0.64	0.0000	0.00	0.0000	0.00	0.64
Dudgeon	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia One North	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Erebus	0.9950	0.552	0.1	0.78	0.1439	0.34	0.1187	0.08	1.20
Five Estuaries	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Green Volt	0.0100	0.552	0.1	0.01	0.0000	0.00	0.0000	0.00	0.01
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Gwynt y Mor	0.3670	0.552	0.1	0.03	0.1439	0.02	0.1187	0.01	0.07
Hornsea Project One	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Hornsea Project Two	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Hornsea Three	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Four	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Humber Gateway	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Hywind	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Kincardine	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
London Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Llŷr 1	0.9690	0.552	0.1	0.83	0.1439	0.72	0.1187	0.05	1.60
Mona	0.1760	0.552	0.1	0.15	0.1439	0.06	0.1187	0.02	0.24
Moor Vannin	0.0810	0.552	0.1	0.09	0.1439	0.16	0.1187	0.02	0.27
Moray East	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Moray West	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Morecambe	0.3140	0.552	0.1	0.59	0.1439	0.01	0.1187	0.00	0.61
Morgan	0.2160	0.552	0.1	0.12	0.1439	0.07	0.1187	0.03	0.21
Muir Mhor	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
North Hoyle	0.3450	0.552	0.1	0.01	0.1439	0.01	0.1187	0.00	0.02
North Irish Sea Array	0.1270	0.552	0.1	0.13	0.0000	0.00	0.0000	0.00	0.13
Oriel	0.2400	0.552	0.1	0.22	0.0000	0.00	0.0000	0.00	0.22
Ormonde	0.2160	0.552	0.1	0.15	0.1439	0.00	0.1187	0.00	0.15
Ossian	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.1439	0.02	0.1187	0.01	0.03
Race Bank	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Rampion	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Rhyl Flats	0.3450	0.552	0.1	0.01	0.1439	0.01	0.1187	0.00	0.02
Robin Rigg	0.2160	0.552	0.1	0.01	0.1439	0.01	0.1187	0.00	0.02
Salamander	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Seagreen Phase 1 Wind Farm	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Teesside	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Triton Knoll	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	1.0000	0.552	0.1	0.85	0.1439	0.15	0.1187	0.01	1.01
Walney 1&2	0.2160	0.552	0.1	0.03	0.1439	0.03	0.1187	0.01	0.07
Walney Extension	0.2160	0.552	0.1	0.11	0.1439	0.26	0.1187	0.02	0.39
West of Duddon Sands	0.2160	0.552	0.1	0.32	0.1439	0.02	0.1187	0.01	0.35
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.1439	1.18	0.1187	0.12	1.30
White Cross	0.5210	0.552	0.1	0.43	0.1439	0.14	0.1187	0.05	0.62
Offshore Project	0.0000	0.946	0.1	0.00	0.1439	0.16	0.1187	0.02	0.18
Total mortality				6.32	3.58		0.48		10.38

Hermaness, Saxa Vord and Valla Field SPA

Table 1-66 Gannet in-combination displacement mortality apportioned to Hermaness, Saxa Vord and Valla Field SPA (NatureScot Upper Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0170	0.552	0.1	0.01	0.0854	0.01	0.1373	0.00	0.02
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.1	0.00	0.0178	0.08	0.0221	0.00	0.08
Barrow	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
Beatrice	0.0600	0.552	0.1	0.09	0.0854	0.00	0.1373	0.00	0.09
Berwick Bank Offshore Wind Farm	0.0030	0.552	0.1	(0.15)*	0.0854	(2.69)*	0.1373	(0.78)*	(3.61)*
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.1	0.00	0.0854	0.11	0.1373	0.01	0.12
Buchan Offshore Wind Farm	0.0710	0.552	0.1	(0.17)*	0.0854	(0.33)*	0.1373	(0.15)*	(0.66)*
Burbo Bank	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0330	0.552	0.1	0.31	0.0854	0.56	0.1373	0.08	0.96
Cenos	0.0600	0.552	0.1	0.14	0.0854	0.47	0.1373	0.05	0.66
Codling Wind Park	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A + B	0.0000	0.552	0.1	0.00	0.0854	3.67	0.1373	1.14	4.81
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0854	2.82	0.1373	2.59	5.42
Dogger Bank Teesside A + B (C and Sofia)	0.0000	0.552	0.1	0.00	0.0854	1.59	0.1373	1.34	2.93
Dublin Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.1	0.00	0.0854	0.04	0.1373	0.03	0.08
Dudgeon Extension	0.0000	0.552	0.1	0.00	0.0854	0.62	0.1373	0.14	0.75
East Anglia One	0.0000	0.552	0.1	0.00	0.0854	6.52	0.1373	0.22	6.74
East Anglia One North	0.0000	0.552	0.1	0.00	0.0854	0.84	0.1373	0.13	0.97
East Anglia Three	0.0000	0.552	0.1	0.00	0.0854	2.28	0.1373	1.51	3.79
East Anglia Two	0.0000	0.552	0.1	0.00	0.0854	1.60	0.1373	0.55	2.15
Erebus	0.0000	0.552	0.1	0.00	0.0178	0.13	0.0221	0.05	0.17
Five Estuaries	0.0000	0.552	0.1	0.00	0.0854	1.18	0.1373	0.30	1.47

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Galloper	0.0000	0.552	0.1	0.00	0.0854	1.63	0.1373	0.80	2.42
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0854	0.12	0.1373	0.30	0.43
Green Volt	0.0500	0.552	0.1	0.10	0.0854	0.04	0.1373	0.29	0.44
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0854	0.02	0.1373	0.03	0.05
Gwynt y Mor	0.0000	0.552	0.1	0.00	0.0178	0.01	0.0221	0.01	0.01
Hornsea Project One	0.0000	0.552	0.1	0.00	0.0854	1.24	0.1373	0.72	1.97
Hornsea Project Two	0.0000	0.552	0.1	0.00	0.0854	2.04	0.1373	0.36	2.40
Hornsea Three	0.0000	0.552	0.1	0.00	0.0854	1.76	0.1373	1.51	3.28
Hornsea Four	0.0000	0.552	0.1	0.00	0.0854	1.42	0.1373	1.16	2.57
Humber Gateway	0.0000	0.552	0.1	0.00	0.0854	0.00	0.1373	0.00	0.00
Hywind	0.1010	0.552	0.1	0.01	0.0854	0.00	0.1373	0.01	0.02
Inch Cape Offshore Wind Farm	0.0010	0.552	0.1	0.03	0.0854	1.26	0.1373	0.61	1.90
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0854	0.02	0.1373	0.00	0.02
Kincardine	0.0110	0.552	0.1	0.01	0.0854	0.00	0.1373	0.00	0.01
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0854	0.14	0.1373	0.00	0.14
Lincs	0.0000	0.552	0.1	0.00	0.0854	0.02	0.1373	0.00	0.02
London Array	0.0000	0.552	0.1	0.00	0.0854	0.18	0.1373	0.02	0.20

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0000	0.552	0.1	0.00	0.0854	0.00	0.1373	0.00	0.00
Llŷr 1	0.0000	0.552	0.1	0.00	0.0178	0.27	0.0221	0.03	0.30
Mona	0.0000	0.552	0.1	0.00	0.0178	0.02	0.0221	0.01	0.03
Moor Vannin	0.0000	0.552	0.1	0.00	0.0178	0.06	0.0221	0.01	0.07
Moray East	0.0590	0.552	0.1	0.35	0.0854	0.52	0.1373	0.08	0.95
Moray West	0.0520	0.552	0.1	1.54	0.0854	0.79	0.1373	0.42	2.74
Morecambe	0.0000	0.552	0.1	0.00	0.0178	0.01	0.0221	0.00	0.01
Morgan	0.0000	0.552	0.1	0.00	0.0178	0.02	0.0221	0.02	0.04
Muir Mhor	0.0500	0.552	0.1	0.31	0.0854	1.06	0.1373	0.21	1.59
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0854	0.99	0.1373	0.81	1.80
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0854	3.09	0.1373	1.52	4.61
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0854	4.40	0.1373	1.26	5.66
North Falls	0.0000	0.552	0.1	0.00	0.0854	0.51	0.1373	0.56	1.08
North Hoyle	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.0854	1.39	0.1373	0.12	1.51
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0854	0.89	0.1373	0.81	1.70

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.0410	0.552	0.1	0.07	0.0178	0.01	0.0221	0.00	0.08
Race Bank	0.0000	0.552	0.1	0.00	0.0854	0.06	0.1373	0.08	0.14
Rampion	0.0000	0.552	0.1	0.00	0.0854	1.06	0.1373	0.00	1.06
Rampion 2	0.0000	0.552	0.1	0.00	0.0854	0.18	0.1373	0.35	0.54
Rhyl Flats	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
Robin Rigg	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
Salamander	0.0441	0.552	0.1	0.20	0.0854	0.65	0.1373	0.02	0.88
Seagreen Phase 1 Wind Farm	0.0030	0.552	0.1	0.09	0.0854	1.19	0.1373	0.96	2.24
Sheringham Shoal	0.0000	0.552	0.1	0.00	0.0854	0.06	0.1373	0.01	0.06
Sheringham Shoal Extension	0.0000	0.552	0.1	0.00	0.0854	0.53	0.1373	0.03	0.56
Teesside	0.0000	0.552	0.1	0.00	0.0854	0.00	0.1373	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.0854	0.02	0.1373	0.00	0.02
Triton Knoll	0.0000	0.552	0.1	0.00	0.0854	0.03	0.1373	0.07	0.10
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.0178	0.06	0.0221	0.00	0.06
Walney 1&2	0.0000	0.552	0.1	0.00	0.0178	0.01	0.0221	0.01	0.02
Walney Extension	0.0000	0.552	0.1	0.00	0.0178	0.10	0.0221	0.01	0.11
West of Duddon Sands	0.0000	0.552	0.1	0.00	0.0178	0.01	0.0221	0.01	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	(0.00)*	0.0178	(0.44)*	0.0221	(0.06)*	(0.50)*
White Cross	0.0000	0.552	0.1	0.00	0.0178	0.05	0.0221	0.03	0.08
Offshore Project	0.0179	0.946	0.1	0.14	0.0178	0.06	0.0221	0.01	0.21
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm and West of Orkney Offshore Wind Farm)				3.58	50.88		21.56		76.02
* Impacts are required to be compensated and not included in 'Total Mortality'									

Table 1-67 Gannet in-combination displacement mortality apportioned to Hermaness, Saxa Vord and Valla Field SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0170	0.552	0.1	0.00	0.0854	0.00	0.1373	0.00	0.01
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.1	0.00	0.0178	0.03	0.0221	0.00	0.03
Barrow	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
Beatrice	0.0600	0.552	0.1	0.03	0.0854	0.00	0.1373	0.00	0.03

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Berwick Bank Offshore Wind Farm	0.0030	0.552	0.1	(0.05)*	0.0854	(0.90)*	0.1373	(0.26)*	(1.20)*
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.1	0.00	0.0854	0.04	0.1373	0.00	0.04
Buchan Offshore Wind Farm	0.0710	0.552	0.1	(0.06)*	0.0854	(0.11)*	0.1373	(0.05)*	(0.22)*
Burbo Bank	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
Caledonia Offshore Wind Farm	0.0330	0.552	0.1	0.10	0.0854	0.19	0.1373	0.03	0.32
Cenos	0.0600	0.552	0.1	0.05	0.0854	0.16	0.1373	0.02	0.22
Codling Wind Park	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A + B	0.0000	0.552	0.1	0.00	0.0854	1.22	0.1373	0.38	1.60
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0854	0.94	0.1373	0.86	1.81
Dogger Bank Teesside A + B (C and Sofia)	0.0000	0.552	0.1	0.00	0.0854	0.53	0.1373	0.45	0.98

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dublin Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.1	0.00	0.0854	0.01	0.1373	0.01	0.03
Dudgeon Extension	0.0000	0.552	0.1	0.00	0.0854	0.21	0.1373	0.05	0.25
East Anglia One	0.0000	0.552	0.1	0.00	0.0854	2.17	0.1373	0.07	2.25
East Anglia One North	0.0000	0.552	0.1	0.00	0.0854	0.28	0.1373	0.04	0.32
East Anglia Three	0.0000	0.552	0.1	0.00	0.0854	0.76	0.1373	0.50	1.26
East Anglia Two	0.0000	0.552	0.1	0.00	0.0854	0.53	0.1373	0.18	0.72
Erebus	0.0000	0.552	0.1	0.00	0.0178	0.04	0.0221	0.02	0.06
Five Estuaries	0.0000	0.552	0.1	0.00	0.0854	0.39	0.1373	0.10	0.49
Galloper	0.0000	0.552	0.1	0.00	0.0854	0.54	0.1373	0.27	0.81
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0854	0.04	0.1373	0.10	0.14
Green Volt	0.0500	0.552	0.1	0.03	0.0854	0.01	0.1373	0.10	0.15
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0854	0.01	0.1373	0.01	0.02
Gwynt y Mor	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
Hornsea Project One	0.0000	0.552	0.1	0.00	0.0854	0.41	0.1373	0.24	0.66
Hornsea Project Two	0.0000	0.552	0.1	0.00	0.0854	0.68	0.1373	0.12	0.80
Hornsea Three	0.0000	0.552	0.1	0.00	0.0854	0.59	0.1373	0.50	1.09
Hornsea Four	0.0000	0.552	0.1	0.00	0.0854	0.47	0.1373	0.39	0.86
Humber Gateway	0.0000	0.552	0.1	0.00	0.0854	0.00	0.1373	0.00	0.00
Hywind	0.1010	0.552	0.1	0.00	0.0854	0.00	0.1373	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Inch Cape Offshore Wind Farm	0.0010	0.552	0.1	0.01	0.0854	0.42	0.1373	0.20	0.63
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0854	0.01	0.1373	0.00	0.01
Kincardine	0.0110	0.552	0.1	0.00	0.0854	0.00	0.1373	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0854	0.05	0.1373	0.00	0.05
Lincs	0.0000	0.552	0.1	0.00	0.0854	0.01	0.1373	0.00	0.01
London Array	0.0000	0.552	0.1	0.00	0.0854	0.06	0.1373	0.01	0.07
Methil Demonstration	0.0000	0.552	0.1	0.00	0.0854	0.00	0.1373	0.00	0.00
Llŷr 1	0.0000	0.552	0.1	0.00	0.0178	0.09	0.0221	0.01	0.10
Mona	0.0000	0.552	0.1	0.00	0.0178	0.01	0.0221	0.00	0.01
Moor Vannin	0.0000	0.552	0.1	0.00	0.0178	0.02	0.0221	0.00	0.02
Moray East	0.0590	0.552	0.1	0.12	0.0854	0.17	0.1373	0.03	0.32
Moray West	0.0520	0.552	0.1	0.51	0.0854	0.26	0.1373	0.14	0.91
Morecambe	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
Morgan	0.0000	0.552	0.1	0.00	0.0178	0.01	0.0221	0.01	0.01
Muir Mhor	0.0500	0.552	0.1	0.10	0.0854	0.35	0.1373	0.07	0.53
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0854	0.33	0.1373	0.27	0.60
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0854	1.03	0.1373	0.51	1.54

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0854	1.47	0.1373	0.42	1.89
North Falls	0.0000	0.552	0.1	0.00	0.0854	0.17	0.1373	0.19	0.36
North Hoyle	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.0854	0.46	0.1373	0.04	0.50
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0854	0.30	0.1373	0.27	0.57
Pentland Floating Offshore Wind Farm	0.0410	0.552	0.1	0.02	0.0178	0.00	0.0221	0.00	0.03
Race Bank	0.0000	0.552	0.1	0.00	0.0854	0.02	0.1373	0.03	0.05
Rampion	0.0000	0.552	0.1	0.00	0.0854	0.35	0.1373	0.00	0.35
Rampion 2	0.0000	0.552	0.1	0.00	0.0854	0.06	0.1373	0.12	0.18
Rhyl Flats	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
Robin Rigg	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
Salamander	0.0441	0.552	0.1	0.07	0.0854	0.22	0.1373	0.01	0.29
Seagreen Phase 1 Wind Farm	0.0030	0.552	0.1	0.03	0.0854	0.40	0.1373	0.32	0.75
Sheringham Shoal	0.0000	0.552	0.1	0.00	0.0854	0.02	0.1373	0.00	0.02
Sheringham Shoal Extension	0.0000	0.552	0.1	0.00	0.0854	0.18	0.1373	0.01	0.19
Teesside	0.0000	0.552	0.1	0.00	0.0854	0.00	0.1373	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Thanet	0.0000	0.552	0.1	0.00	0.0854	0.01	0.1373	0.00	0.01
Triton Knoll	0.0000	0.552	0.1	0.00	0.0854	0.01	0.1373	0.02	0.03
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.0178	0.02	0.0221	0.00	0.02
Walney 1&2	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.01
Walney Extension	0.0000	0.552	0.1	0.00	0.0178	0.03	0.0221	0.00	0.04
West of Duddon Sands	0.0000	0.552	0.1	0.00	0.0178	0.00	0.0221	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	(0.00)*	0.0178	(0.15)*	0.0221	(0.02)*	(0.17)*
White Cross	0.0000	0.552	0.1	0.00	0.0178	0.02	0.0221	0.01	0.03
Offshore Project	0.0179	0.946	0.1	0.05	0.0178	0.02	0.0221	0.00	0.07
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm and West of Orkney Offshore Wind Farm)				1.19	16.96		7.19		25.34
* Impacts are required to be compensated and not included in 'Total Mortality'									

North Rona and Sula Sgeir SPA

Table 1-68 Gannet in-combination displacement mortality apportioned to North Rona and Sula Sgeir SPA (NatureScot Upper Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0130	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.01
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.1	0.00	0.0304	0.13	0.0279	0.00	0.13
Barrow	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.00
Beatrice	0.0680	0.552	0.1	0.11	0.0040	0.00	0.0000	0.00	0.11
Berwick Bank Offshore Wind Farm	0.0020	0.552	0.1	0.10	0.0040	0.13	0.0000	0.00	0.23
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.1	0.00	0.0040	0.01	0.0000	0.00	0.01
Buchan Offshore Wind Farm	0.0320	0.552	0.1	0.08	0.0040	0.02	0.0000	0.00	0.09
Burbo Bank	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.1	0.00	0.0304	0.01	0.0279	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0450	0.552	0.1	0.43	0.0040	0.03	0.0000	0.00	0.45
Cenos	0.0000	0.552	0.1	0.00	0.0040	0.02	0.0000	0.00	0.02
Codling Wind Park	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A + B	0.0000	0.552	0.1	0.00	0.0040	0.17	0.0000	0.00	0.17
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0040	0.13	0.0000	0.00	0.13
Dogger Bank Teesside A + B (C and Sofia)	0.0000	0.552	0.1	0.00	0.0040	0.08	0.0000	0.00	0.08
Dublin Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.552	0.1	0.00	0.0040	0.03	0.0000	0.00	0.03
East Anglia One	0.0000	0.552	0.1	0.00	0.0040	0.31	0.0000	0.00	0.31
East Anglia One North	0.0000	0.552	0.1	0.00	0.0040	0.04	0.0000	0.00	0.04
East Anglia Three	0.0000	0.552	0.1	0.00	0.0040	0.11	0.0000	0.00	0.11
East Anglia Two	0.0000	0.552	0.1	0.00	0.0040	0.08	0.0000	0.00	0.08
Erebus	0.0000	0.552	0.1	0.00	0.0304	0.21	0.0279	0.06	0.27

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.552	0.1	0.00	0.0040	0.06	0.0000	0.00	0.06
Galloper	0.0000	0.552	0.1	0.00	0.0040	0.08	0.0000	0.00	0.08
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0040	0.01	0.0000	0.00	0.01
Green Volt	0.0200	0.552	0.1	0.04	0.0040	0.00	0.0000	0.00	0.04
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Gwynt y Mor	0.0000	0.552	0.1	0.00	0.0304	0.01	0.0279	0.01	0.02
Hornsea Project One	0.0000	0.552	0.1	0.00	0.0040	0.06	0.0000	0.00	0.06
Hornsea Project Two	0.0000	0.552	0.1	0.00	0.0040	0.10	0.0000	0.00	0.10
Hornsea Three	0.0000	0.552	0.1	0.00	0.0040	0.08	0.0000	0.00	0.08
Hornsea Four	0.0000	0.552	0.1	0.00	0.0040	0.07	0.0000	0.00	0.07
Humber Gateway	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Hywind	0.0400	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0010	0.552	0.1	0.03	0.0040	0.06	0.0000	0.00	0.08
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Kincardine	0.0080	0.552	0.1	0.01	0.0040	0.00	0.0000	0.00	0.01
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0040	0.01	0.0000	0.00	0.01
Lincs	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
London Array	0.0000	0.552	0.1	0.00	0.0040	0.01	0.0000	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.552	0.1	0.00	0.0304	0.46	0.0279	0.04	0.49
Mona	0.0000	0.552	0.1	0.00	0.0304	0.04	0.0279	0.02	0.05
Moor Vannin	0.0000	0.552	0.1	0.00	0.0304	0.10	0.0279	0.01	0.11
Moray East	0.0610	0.552	0.1	0.36	0.0040	0.02	0.0000	0.00	0.38
Moray West	0.0630	0.552	0.1	1.86	0.0040	0.04	0.0000	0.00	1.90
Morecambe	0.0000	0.552	0.1	0.00	0.0304	0.01	0.0279	0.00	0.01
Morgan	0.0000	0.552	0.1	0.00	0.0304	0.04	0.0279	0.02	0.06
Muir Mhor	0.0180	0.552	0.1	0.11	0.0040	0.05	0.0000	0.00	0.16
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0040	0.05	0.0000	0.00	0.05
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0040	0.15	0.0000	0.00	0.15
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0040	0.21	0.0000	0.00	0.21
North Falls	0.0000	0.552	0.1	0.00	0.0040	0.02	0.0000	0.00	0.02
North Hoyle	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.0040	0.07	0.0000	0.00	0.07
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0040	0.04	0.0000	0.00	0.04

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.1110	0.552	0.1	0.19	0.0304	0.02	0.0279	0.00	0.21
Race Bank	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Rampion	0.0000	0.552	0.1	0.00	0.0040	0.05	0.0000	0.00	0.05
Rampion 2	0.0000	0.552	0.1	0.00	0.0040	0.01	0.0000	0.00	0.01
Rhyl Flats	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.01
Robin Rigg	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.01
Salamander	0.0210	0.552	0.1	0.10	0.0040	0.03	0.0000	0.00	0.13
Seagreen Phase 1 Wind Farm	0.0020	0.552	0.1	0.06	0.0040	0.06	0.0000	0.00	0.12
Sheringham Shoal	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.552	0.1	0.00	0.0040	0.03	0.0000	0.00	0.03
Teesside	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Triton Knoll	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.0304	0.10	0.0279	0.01	0.10
Walney 1&2	0.0000	0.552	0.1	0.00	0.0304	0.02	0.0279	0.01	0.03
Walney Extension	0.0000	0.552	0.1	0.00	0.0304	0.17	0.0279	0.01	0.18

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Duddon Sands	0.0000	0.552	0.1	0.00	0.0304	0.01	0.0279	0.01	0.02
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0304	0.75	0.0279	0.08	0.83
White Cross	0.0000	0.552	0.1	0.00	0.0304	0.09	0.0279	0.03	0.12
Offshore Project	0.1835	0.946	0.1	1.42	0.0304	0.10	0.0279	0.02	1.53
Total mortality (with Berwick Bank Offshore Wind Farm)				4.89	4.76		0.34		10.00
Total mortality (without Berwick Bank Offshore Wind Farm)				4.80	4.64		0.34		9.77

Table 1-69 Gannet in-combination displacement mortality apportioned to North Rona and Sula Sgeir SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0130	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.1	0.00	0.0304	0.04	0.0279	0.00	0.04
Barrow	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice	0.0680	0.552	0.1	0.04	0.0040	0.00	0.0000	0.00	0.04
Berwick Bank Offshore Wind Farm	0.0020	0.552	0.1	0.03	0.0040	0.04	0.0000	0.00	0.08
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0320	0.552	0.1	0.03	0.0040	0.01	0.0000	0.00	0.03
Burbo Bank	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.00
Caledonia Offshore Wind Farm	0.0450	0.552	0.1	0.14	0.0040	0.01	0.0000	0.00	0.15
Cenos	0.0000	0.552	0.1	0.00	0.0040	0.01	0.0000	0.00	0.01
Codling Wind Park	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A + B	0.0000	0.552	0.1	0.00	0.0040	0.06	0.0000	0.00	0.06
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0040	0.04	0.0000	0.00	0.04

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside A + B (C and Sofia)	0.0000	0.552	0.1	0.00	0.0040	0.03	0.0000	0.00	0.03
Dublin Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.552	0.1	0.00	0.0040	0.01	0.0000	0.00	0.01
East Anglia One	0.0000	0.552	0.1	0.00	0.0040	0.10	0.0000	0.00	0.10
East Anglia One North	0.0000	0.552	0.1	0.00	0.0040	0.01	0.0000	0.00	0.01
East Anglia Three	0.0000	0.552	0.1	0.00	0.0040	0.04	0.0000	0.00	0.04
East Anglia Two	0.0000	0.552	0.1	0.00	0.0040	0.03	0.0000	0.00	0.03
Erebus	0.0000	0.552	0.1	0.00	0.0304	0.07	0.0279	0.02	0.09
Five Estuaries	0.0000	0.552	0.1	0.00	0.0040	0.02	0.0000	0.00	0.02
Galloper	0.0000	0.552	0.1	0.00	0.0040	0.03	0.0000	0.00	0.03
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Green Volt	0.0200	0.552	0.1	0.01	0.0040	0.00	0.0000	0.00	0.01
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Gwynt y Mor	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.01
Hornsea Project One	0.0000	0.552	0.1	0.00	0.0040	0.02	0.0000	0.00	0.02
Hornsea Project Two	0.0000	0.552	0.1	0.00	0.0040	0.03	0.0000	0.00	0.03
Hornsea Three	0.0000	0.552	0.1	0.00	0.0040	0.03	0.0000	0.00	0.03

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Four	0.0000	0.552	0.1	0.00	0.0040	0.02	0.0000	0.00	0.02
Humber Gateway	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Hywind	0.0400	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0010	0.552	0.1	0.01	0.0040	0.02	0.0000	0.00	0.03
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Kincardine	0.0080	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
London Array	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.552	0.1	0.00	0.0304	0.15	0.0279	0.01	0.16
Mona	0.0000	0.552	0.1	0.00	0.0304	0.01	0.0279	0.01	0.02
Moor Vannin	0.0000	0.552	0.1	0.00	0.0304	0.03	0.0279	0.00	0.04
Moray East	0.0610	0.552	0.1	0.12	0.0040	0.01	0.0000	0.00	0.13
Moray West	0.0630	0.552	0.1	0.62	0.0040	0.01	0.0000	0.00	0.63
Morecambe	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.00
Morgan	0.0000	0.552	0.1	0.00	0.0304	0.01	0.0279	0.01	0.02
Muir Mhor	0.0180	0.552	0.1	0.04	0.0040	0.02	0.0000	0.00	0.05

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0040	0.02	0.0000	0.00	0.02
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0040	0.05	0.0000	0.00	0.05
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0040	0.07	0.0000	0.00	0.07
North Falls	0.0000	0.552	0.1	0.00	0.0040	0.01	0.0000	0.00	0.01
North Hoyle	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.0040	0.02	0.0000	0.00	0.02
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0040	0.01	0.0000	0.00	0.01
Pentland Floating Offshore Wind Farm	0.1110	0.552	0.1	0.06	0.0304	0.01	0.0279	0.00	0.07
Race Bank	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Rampion	0.0000	0.552	0.1	0.00	0.0040	0.02	0.0000	0.00	0.02
Rampion 2	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Rhyl Flats	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.00
Robin Rigg	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.00
Salamander	0.0210	0.552	0.1	0.03	0.0040	0.01	0.0000	0.00	0.04
Seagreen Phase 1 Wind Farm	0.0020	0.552	0.1	0.02	0.0040	0.02	0.0000	0.00	0.04

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.552	0.1	0.00	0.0040	0.01	0.0000	0.00	0.01
Teesside	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Triton Knoll	0.0000	0.552	0.1	0.00	0.0040	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.0304	0.03	0.0279	0.00	0.03
Walney 1&2	0.0000	0.552	0.1	0.00	0.0304	0.01	0.0279	0.00	0.01
Walney Extension	0.0000	0.552	0.1	0.00	0.0304	0.06	0.0279	0.00	0.06
West of Duddon Sands	0.0000	0.552	0.1	0.00	0.0304	0.00	0.0279	0.00	0.01
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0304	0.25	0.0279	0.03	0.28
White Cross	0.0000	0.552	0.1	0.00	0.0304	0.03	0.0279	0.01	0.04
Offshore Project	0.1835	0.946	0.1	0.47	0.0304	0.03	0.0279	0.01	0.51
Total mortality (with Berwick Bank Offshore Wind Farm)				1.63	1.59		0.11		3.33
Total mortality (without Berwick Bank Offshore Wind Farm)				1.60	1.55		0.11		3.26

Noss SPA

Table 1-70 Gannet in-combination displacement mortality apportioned to Noss SPA (NatureScot Upper Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0120	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.01
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.1	0.00	0.0072	0.03	0.0089	0.00	0.03
Barrow	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Beatrice	0.0480	0.552	0.1	0.08	0.0342	0.00	0.0551	0.00	0.08
Berwick Bank Offshore Wind Farm	0.0020	0.552	0.1	0.10	0.0342	1.08	0.0551	0.31	1.49
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.1	0.00	0.0342	0.05	0.0551	0.00	0.05
Buchan Offshore Wind Farm	0.0990	0.552	0.1	0.24	0.0342	0.13	0.0551	0.06	0.44
Burbo Bank	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0420	0.552	0.1	0.40	0.0342	0.23	0.0551	0.03	0.66
Cenos	0.0500	0.552	0.1	0.11	0.0342	0.19	0.0551	0.02	0.32
Codling Wind Park	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A + B	0.0000	0.552	0.1	0.00	0.0342	1.47	0.0551	0.46	1.93
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0342	1.13	0.0551	1.04	2.17
Dogger Bank Teesside A + B (C and Sofia)	0.0000	0.552	0.1	0.00	0.0342	0.64	0.0551	0.54	1.17
Dublin Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.1	0.00	0.0342	0.02	0.0551	0.01	0.03
Dudgeon Extension	0.0000	0.552	0.1	0.00	0.0342	0.25	0.0551	0.05	0.30
East Anglia One	0.0000	0.552	0.1	0.00	0.0342	2.62	0.0551	0.09	2.70
East Anglia One North	0.0000	0.552	0.1	0.00	0.0342	0.34	0.0551	0.05	0.39
East Anglia Three	0.0000	0.552	0.1	0.00	0.0342	0.91	0.0551	0.61	1.52
East Anglia Two	0.0000	0.552	0.1	0.00	0.0342	0.64	0.0551	0.22	0.86
Erebus	0.0000	0.552	0.1	0.00	0.0072	0.05	0.0089	0.02	0.07

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.552	0.1	0.00	0.0342	0.47	0.0551	0.12	0.59
Galloper	0.0000	0.552	0.1	0.00	0.0342	0.65	0.0551	0.32	0.97
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0342	0.05	0.0551	0.12	0.17
Green Volt	0.0500	0.552	0.1	0.10	0.0342	0.02	0.0551	0.12	0.24
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0342	0.01	0.0551	0.01	0.02
Gwynt y Mor	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.01
Hornsea Project One	0.0000	0.552	0.1	0.00	0.0342	0.50	0.0551	0.29	0.79
Hornsea Project Two	0.0000	0.552	0.1	0.00	0.0342	0.82	0.0551	0.14	0.96
Hornsea Three	0.0000	0.552	0.1	0.00	0.0342	0.71	0.0551	0.61	1.31
Hornsea Four	0.0000	0.552	0.1	0.00	0.0342	0.57	0.0551	0.46	1.03
Humber Gateway	0.0000	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.00
Hywind	0.0930	0.552	0.1	0.01	0.0342	0.00	0.0551	0.00	0.01
Inch Cape Offshore Wind Farm	0.0010	0.552	0.1	0.03	0.0342	0.51	0.0551	0.25	0.78
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0342	0.01	0.0551	0.00	0.01
Kincardine	0.0070	0.552	0.1	0.01	0.0342	0.00	0.0551	0.00	0.01
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0342	0.06	0.0551	0.00	0.06
Lincs	0.0000	0.552	0.1	0.00	0.0342	0.01	0.0551	0.00	0.01
London Array	0.0000	0.552	0.1	0.00	0.0342	0.07	0.0551	0.01	0.08

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0000	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.00
Llŷr 1	0.0000	0.552	0.1	0.00	0.0072	0.11	0.0089	0.01	0.12
Mona	0.0000	0.552	0.1	0.00	0.0072	0.01	0.0089	0.01	0.01
Moor Vannin	0.0000	0.552	0.1	0.00	0.0072	0.02	0.0089	0.00	0.03
Moray East	0.0470	0.552	0.1	0.28	0.0342	0.21	0.0551	0.03	0.52
Moray West	0.0400	0.552	0.1	1.18	0.0342	0.32	0.0551	0.17	1.66
Morecambe	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Morgan	0.0000	0.552	0.1	0.00	0.0072	0.01	0.0089	0.01	0.02
Muir Mhor	0.0350	0.552	0.1	0.22	0.0342	0.43	0.0551	0.09	0.73
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0342	0.40	0.0551	0.32	0.72
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0342	1.24	0.0551	0.61	1.85
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0342	1.76	0.0551	0.51	2.27
North Falls	0.0000	0.552	0.1	0.00	0.0342	0.21	0.0551	0.23	0.43
North Hoyle	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.0342	0.56	0.0551	0.05	0.61
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0342	0.36	0.0551	0.33	0.68

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.0300	0.552	0.1	0.05	0.0072	0.00	0.0089	0.00	0.06
Race Bank	0.0000	0.552	0.1	0.00	0.0342	0.02	0.0551	0.03	0.06
Rampion	0.0000	0.552	0.1	0.00	0.0342	0.42	0.0551	0.00	0.42
Rampion 2	0.0000	0.552	0.1	0.00	0.0342	0.07	0.0551	0.14	0.22
Rhyl Flats	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Robin Rigg	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Salamander	0.0339	0.552	0.1	0.16	0.0342	0.26	0.0551	0.01	0.43
Seagreen Phase 1 Wind Farm	0.0020	0.552	0.1	0.06	0.0342	0.48	0.0551	0.38	0.92
Sheringham Shoal	0.0000	0.552	0.1	0.00	0.0342	0.02	0.0551	0.00	0.02
Sheringham Shoal Extension	0.0000	0.552	0.1	0.00	0.0342	0.21	0.0551	0.01	0.22
Teesside	0.0000	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.0342	0.01	0.0551	0.00	0.01
Triton Knoll	0.0000	0.552	0.1	0.00	0.0342	0.01	0.0551	0.03	0.04
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.0072	0.02	0.0089	0.00	0.02
Walney 1&2	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.01
Walney Extension	0.0000	0.552	0.1	0.00	0.0072	0.04	0.0089	0.00	0.04

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Duddon Sands	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0072	0.18	0.0089	0.03	0.20
White Cross	0.0000	0.552	0.1	0.00	0.0072	0.02	0.0089	0.01	0.03
Offshore Project	0.0100	0.946	0.1	0.08	0.0072	0.02	0.0089	0.01	0.11
Total mortality (with Berwick Bank Offshore Wind Farm)				3.10	21.66		8.98		33.75
Total mortality (without Berwick Bank Offshore Wind Farm)				3.00	20.58		8.67		32.26

Table 1-71 Gannet in-combination displacement mortality apportioned to Noss SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0120	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.00
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.1	0.00	0.0072	0.01	0.0089	0.00	0.01
Barrow	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice	0.0480	0.552	0.1	0.03	0.0342	0.00	0.0551	0.00	0.03
Berwick Bank Offshore Wind Farm	0.0020	0.552	0.1	0.03	0.0342	0.36	0.0551	0.10	0.50
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.1	0.00	0.0342	0.02	0.0551	0.00	0.02
Buchan Offshore Wind Farm	0.0990	0.552	0.1	0.08	0.0342	0.04	0.0551	0.02	0.15
Burbo Bank	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Caledonia Offshore Wind Farm	0.0420	0.552	0.1	0.13	0.0342	0.08	0.0551	0.01	0.22
Cenos	0.0500	0.552	0.1	0.04	0.0342	0.06	0.0551	0.01	0.11
Codling Wind Park	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A + B	0.0000	0.552	0.1	0.00	0.0342	0.49	0.0551	0.15	0.64
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0342	0.38	0.0551	0.35	0.72

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside A + B (C and Sofia)	0.0000	0.552	0.1	0.00	0.0342	0.21	0.0551	0.18	0.39
Dublin Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.1	0.00	0.0342	0.01	0.0551	0.00	0.01
Dudgeon Extension	0.0000	0.552	0.1	0.00	0.0342	0.08	0.0551	0.02	0.10
East Anglia One	0.0000	0.552	0.1	0.00	0.0342	0.87	0.0551	0.03	0.90
East Anglia One North	0.0000	0.552	0.1	0.00	0.0342	0.11	0.0551	0.02	0.13
East Anglia Three	0.0000	0.552	0.1	0.00	0.0342	0.30	0.0551	0.20	0.51
East Anglia Two	0.0000	0.552	0.1	0.00	0.0342	0.21	0.0551	0.07	0.29
Erebus	0.0000	0.552	0.1	0.00	0.0072	0.02	0.0089	0.01	0.02
Five Estuaries	0.0000	0.552	0.1	0.00	0.0342	0.16	0.0551	0.04	0.20
Galloper	0.0000	0.552	0.1	0.00	0.0342	0.22	0.0551	0.11	0.32
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0342	0.02	0.0551	0.04	0.06
Green Volt	0.0500	0.552	0.1	0.03	0.0342	0.01	0.0551	0.04	0.08
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.01
Gwynt y Mor	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Hornsea Project One	0.0000	0.552	0.1	0.00	0.0342	0.17	0.0551	0.10	0.26
Hornsea Project Two	0.0000	0.552	0.1	0.00	0.0342	0.27	0.0551	0.05	0.32
Hornsea Three	0.0000	0.552	0.1	0.00	0.0342	0.24	0.0551	0.20	0.44

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Four	0.0000	0.552	0.1	0.00	0.0342	0.19	0.0551	0.15	0.34
Humber Gateway	0.0000	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.00
Hywind	0.0930	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.00
Inch Cape Offshore Wind Farm	0.0010	0.552	0.1	0.01	0.0342	0.17	0.0551	0.08	0.26
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.00
Kincardine	0.0070	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0342	0.02	0.0551	0.00	0.02
Lincs	0.0000	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.00
London Array	0.0000	0.552	0.1	0.00	0.0342	0.02	0.0551	0.00	0.03
Methil Demonstration	0.0000	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.00
Llŷr 1	0.0000	0.552	0.1	0.00	0.0072	0.04	0.0089	0.00	0.04
Mona	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Moor Vannin	0.0000	0.552	0.1	0.00	0.0072	0.01	0.0089	0.00	0.01
Moray East	0.0470	0.552	0.1	0.09	0.0342	0.07	0.0551	0.01	0.17
Moray West	0.0400	0.552	0.1	0.39	0.0342	0.11	0.0551	0.06	0.55
Morecambe	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Morgan	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.01
Muir Mhor	0.0350	0.552	0.1	0.07	0.0342	0.14	0.0551	0.03	0.24

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0342	0.13	0.0551	0.11	0.24
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0342	0.41	0.0551	0.20	0.62
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0342	0.59	0.0551	0.17	0.76
North Falls	0.0000	0.552	0.1	0.00	0.0342	0.07	0.0551	0.08	0.14
North Hoyle	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.0342	0.19	0.0551	0.02	0.20
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0342	0.12	0.0551	0.11	0.23
Pentland Floating Offshore Wind Farm	0.0300	0.552	0.1	0.02	0.0072	0.00	0.0089	0.00	0.02
Race Bank	0.0000	0.552	0.1	0.00	0.0342	0.01	0.0551	0.01	0.02
Rampion	0.0000	0.552	0.1	0.00	0.0342	0.14	0.0551	0.00	0.14
Rampion 2	0.0000	0.552	0.1	0.00	0.0342	0.02	0.0551	0.05	0.07
Rhyl Flats	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Robin Rigg	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Salamander	0.0339	0.552	0.1	0.05	0.0342	0.09	0.0551	0.00	0.14
Seagreen Phase 1 Wind Farm	0.0020	0.552	0.1	0.02	0.0342	0.16	0.0551	0.13	0.31

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.552	0.1	0.00	0.0342	0.01	0.0551	0.00	0.01
Sheringham Shoal Extension	0.0000	0.552	0.1	0.00	0.0342	0.07	0.0551	0.00	0.07
Teesside	0.0000	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.0342	0.00	0.0551	0.00	0.00
Triton Knoll	0.0000	0.552	0.1	0.00	0.0342	0.00	0.0551	0.01	0.01
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.0072	0.01	0.0089	0.00	0.01
Walney 1&2	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
Walney Extension	0.0000	0.552	0.1	0.00	0.0072	0.01	0.0089	0.00	0.01
West of Duddon Sands	0.0000	0.552	0.1	0.00	0.0072	0.00	0.0089	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0072	0.06	0.0089	0.01	0.07
White Cross	0.0000	0.552	0.1	0.00	0.0072	0.01	0.0089	0.00	0.01
Offshore Project	0.0100	0.946	0.1	0.03	0.0072	0.01	0.0089	0.00	0.04
Total mortality (with Berwick Bank Offshore Wind Farm)				1.03	7.22		2.99		11.25
Total mortality (without Berwick Bank Offshore Wind Farm)				1.00	6.86		2.89		10.75

St Kilda SPA

Table 1-72 Gannet in-combination displacement mortality apportioned to St Kilda SPA (NatureScot Upper Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0390	0.552	0.1	0.01	0.0261	0.00	0.0000	0.00	0.02
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.1	0.00	0.1966	0.83	0.1802	0.00	0.83
Barrow	0.0000	0.552	0.1	0.00	0.1966	0.02	0.1802	0.01	0.03
Beatrice	0.1120	0.552	0.1	0.18	0.0261	0.00	0.0000	0.00	0.18
Berwick Bank Offshore Wind Farm	0.0090	0.552	0.1	0.44	0.0261	0.82	0.0000	0.00	1.27
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.1	0.00	0.0261	0.03	0.0000	0.00	0.03
Buchan Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0261	0.10	0.0000	0.00	0.10
Burbo Bank	0.0000	0.552	0.1	0.00	0.1966	0.02	0.1802	0.01	0.03
Burbo Bank Extension	0.0000	0.552	0.1	0.00	0.1966	0.04	0.1802	0.03	0.07

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0261	0.17	0.0000	0.00	0.17
Cenos	0.0000	0.552	0.1	0.00	0.0261	0.14	0.0000	0.00	0.14
Codling Wind Park	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A + B	0.0000	0.552	0.1	0.00	0.0261	1.12	0.0000	0.00	1.12
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0261	0.86	0.0000	0.00	0.86
Dogger Bank Teesside A + B (C and Sofia)	0.0000	0.552	0.1	0.00	0.0261	0.49	0.0000	0.00	0.49
Dublin Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.1	0.00	0.0261	0.01	0.0000	0.00	0.01
Dudgeon Extension	0.0000	0.552	0.1	0.00	0.0261	0.19	0.0000	0.00	0.19
East Anglia One	0.0000	0.552	0.1	0.00	0.0261	2.00	0.0000	0.00	2.00
East Anglia One North	0.0000	0.552	0.1	0.00	0.0261	0.26	0.0000	0.00	0.26
East Anglia Three	0.0000	0.552	0.1	0.00	0.0261	0.70	0.0000	0.00	0.70
East Anglia Two	0.0000	0.552	0.1	0.00	0.0261	0.49	0.0000	0.00	0.49
Erebus	0.0000	0.552	0.1	0.00	0.1966	1.38	0.1802	0.38	1.76

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.552	0.1	0.00	0.0261	0.36	0.0000	0.00	0.36
Galloper	0.0000	0.552	0.1	0.00	0.0261	0.50	0.0000	0.00	0.50
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0261	0.04	0.0000	0.00	0.04
Green Volt	0.0600	0.552	0.1	0.12	0.0261	0.01	0.0000	0.00	0.14
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0261	0.01	0.0000	0.00	0.01
Gwynt y Mor	0.0000	0.552	0.1	0.00	0.1966	0.08	0.1802	0.05	0.13
Hornsea Project One	0.0000	0.552	0.1	0.00	0.0261	0.38	0.0000	0.00	0.38
Hornsea Project Two	0.0000	0.552	0.1	0.00	0.0261	0.63	0.0000	0.00	0.63
Hornsea Three	0.0000	0.552	0.1	0.00	0.0261	0.54	0.0000	0.00	0.54
Hornsea Four	0.0000	0.552	0.1	0.00	0.0261	0.43	0.0000	0.00	0.43
Humber Gateway	0.0000	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.00
Hywind	0.0780	0.552	0.1	0.01	0.0261	0.00	0.0000	0.00	0.01
Inch Cape Offshore Wind Farm	0.0030	0.552	0.1	0.08	0.0261	0.39	0.0000	0.00	0.46
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0261	0.01	0.0000	0.00	0.01
Kincardine	0.0270	0.552	0.1	0.03	0.0261	0.00	0.0000	0.00	0.03
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0261	0.04	0.0000	0.00	0.04
Lincs	0.0000	0.552	0.1	0.00	0.0261	0.01	0.0000	0.00	0.01
London Array	0.0000	0.552	0.1	0.00	0.0261	0.06	0.0000	0.00	0.06

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0010	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.552	0.1	0.00	0.1966	2.95	0.1802	0.25	3.20
Mona	0.0000	0.552	0.1	0.00	0.1966	0.24	0.1802	0.11	0.35
Moor Vannin	0.0660	0.552	0.1	0.22	0.1966	0.66	0.1802	0.08	0.96
Moray East	0.1040	0.552	0.1	0.61	0.0261	0.16	0.0000	0.00	0.77
Moray West	0.1140	0.552	0.1	3.37	0.0261	0.24	0.0000	0.00	3.61
Morecambe	0.0000	0.552	0.1	0.00	0.1966	0.06	0.1802	0.00	0.06
Morgan	0.0000	0.552	0.1	0.00	0.1966	0.27	0.1802	0.13	0.40
Muir Mhor	0.0570	0.552	0.1	0.36	0.0261	0.33	0.0000	0.00	0.68
Neart na Gaoithe Offshore Wind Farm	0.0010	0.552	0.1	0.02	0.0261	0.30	0.0000	0.00	0.32
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0261	0.95	0.0000	0.00	0.95
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0261	1.35	0.0000	0.00	1.35
North Falls	0.0000	0.552	0.1	0.00	0.0261	0.16	0.0000	0.00	0.16
North Hoyle	0.0000	0.552	0.1	0.00	0.1966	0.02	0.1802	0.01	0.03
North Irish Sea Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.1	0.00	0.1966	0.00	0.1802	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.0261	0.43	0.0000	0.00	0.43
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0261	0.27	0.0000	0.00	0.27

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.0960	0.552	0.1	0.17	0.1966	0.10	0.1802	0.03	0.30
Race Bank	0.0000	0.552	0.1	0.00	0.0261	0.02	0.0000	0.00	0.02
Rampion	0.0000	0.552	0.1	0.00	0.0261	0.32	0.0000	0.00	0.32
Rampion 2	0.0000	0.552	0.1	0.00	0.0261	0.06	0.0000	0.00	0.06
Rhyl Flats	0.0000	0.552	0.1	0.00	0.1966	0.02	0.1802	0.02	0.04
Robin Rigg	0.0000	0.552	0.1	0.00	0.1966	0.03	0.1802	0.02	0.04
Salamander	0.0000	0.552	0.1	0.00	0.0261	0.20	0.0000	0.00	0.20
Seagreen Phase 1 Wind Farm	0.0080	0.552	0.1	0.25	0.0261	0.36	0.0000	0.00	0.61
Sheringham Shoal	0.0000	0.552	0.1	0.00	0.0261	0.02	0.0000	0.00	0.02
Sheringham Shoal Extension	0.0000	0.552	0.1	0.00	0.0261	0.16	0.0000	0.00	0.16
Teesside	0.0000	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.0261	0.01	0.0000	0.00	0.01
Triton Knoll	0.0000	0.552	0.1	0.00	0.0261	0.01	0.0000	0.00	0.01
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.1966	0.63	0.1802	0.04	0.67
Walney 1&2	0.0000	0.552	0.1	0.00	0.1966	0.11	0.1802	0.06	0.16
Walney Extension	0.0000	0.552	0.1	0.00	0.1966	1.07	0.1802	0.09	1.16

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Duddon Sands	0.0000	0.552	0.1	0.00	0.1966	0.07	0.1802	0.04	0.12
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.1966	4.83	0.1802	0.53	5.36
White Cross	0.0000	0.552	0.1	0.00	0.1966	0.58	0.1802	0.22	0.80
Offshore Project	0.4543	0.946	0.1	3.50	0.1966	0.65	0.1802	0.11	4.27
Total mortality (with Berwick Bank Offshore Wind Farm)				9.37	30.79		2.19		42.36
Total mortality (without Berwick Bank Offshore Wind Farm)				8.92	29.97		2.19		41.09

Table 1-73 Gannet in-combination displacement mortality apportioned to St Kilda SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0390	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.01
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.1	0.00	0.1966	0.28	0.1802	0.00	0.28
Barrow	0.0000	0.552	0.1	0.00	0.1966	0.01	0.1802	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice	0.1120	0.552	0.1	0.06	0.0261	0.00	0.0000	0.00	0.06
Berwick Bank Offshore Wind Farm	0.0090	0.552	0.1	0.15	0.0261	0.27	0.0000	0.00	0.42
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.1	0.00	0.0261	0.01	0.0000	0.00	0.01
Buchan Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0261	0.03	0.0000	0.00	0.03
Burbo Bank	0.0000	0.552	0.1	0.00	0.1966	0.01	0.1802	0.00	0.01
Burbo Bank Extension	0.0000	0.552	0.1	0.00	0.1966	0.01	0.1802	0.01	0.02
Caledonia Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0261	0.06	0.0000	0.00	0.06
Cenos	0.0000	0.552	0.1	0.00	0.0261	0.05	0.0000	0.00	0.05
Codling Wind Park	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A + B	0.0000	0.552	0.1	0.00	0.0261	0.37	0.0000	0.00	0.37
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0261	0.29	0.0000	0.00	0.29

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside A + B (C and Sofia)	0.0000	0.552	0.1	0.00	0.0261	0.16	0.0000	0.00	0.16
Dublin Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.552	0.1	0.00	0.0261	0.06	0.0000	0.00	0.06
East Anglia One	0.0000	0.552	0.1	0.00	0.0261	0.67	0.0000	0.00	0.67
East Anglia One North	0.0000	0.552	0.1	0.00	0.0261	0.09	0.0000	0.00	0.09
East Anglia Three	0.0000	0.552	0.1	0.00	0.0261	0.23	0.0000	0.00	0.23
East Anglia Two	0.0000	0.552	0.1	0.00	0.0261	0.16	0.0000	0.00	0.16
Erebus	0.0000	0.552	0.1	0.00	0.1966	0.46	0.1802	0.13	0.59
Five Estuaries	0.0000	0.552	0.1	0.00	0.0261	0.12	0.0000	0.00	0.12
Galloper	0.0000	0.552	0.1	0.00	0.0261	0.17	0.0000	0.00	0.17
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0261	0.01	0.0000	0.00	0.01
Green Volt	0.0600	0.552	0.1	0.04	0.0261	0.00	0.0000	0.00	0.05
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.00
Gwynt y Mor	0.0000	0.552	0.1	0.00	0.1966	0.03	0.1802	0.02	0.04
Hornsea Project One	0.0000	0.552	0.1	0.00	0.0261	0.13	0.0000	0.00	0.13
Hornsea Project Two	0.0000	0.552	0.1	0.00	0.0261	0.21	0.0000	0.00	0.21
Hornsea Three	0.0000	0.552	0.1	0.00	0.0261	0.18	0.0000	0.00	0.18

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Four	0.0000	0.552	0.1	0.00	0.0261	0.14	0.0000	0.00	0.14
Humber Gateway	0.0000	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.00
Hywind	0.0780	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0030	0.552	0.1	0.03	0.0261	0.13	0.0000	0.00	0.15
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.00
Kincardine	0.0270	0.552	0.1	0.01	0.0261	0.00	0.0000	0.00	0.01
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0261	0.01	0.0000	0.00	0.01
Lincs	0.0000	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.00
London Array	0.0000	0.552	0.1	0.00	0.0261	0.02	0.0000	0.00	0.02
Methil Demonstration	0.0010	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.552	0.1	0.00	0.1966	0.98	0.1802	0.08	1.07
Mona	0.0000	0.552	0.1	0.00	0.1966	0.08	0.1802	0.04	0.12
Moor Vannin	0.0660	0.552	0.1	0.07	0.1966	0.22	0.1802	0.03	0.32
Moray East	0.1040	0.552	0.1	0.20	0.0261	0.05	0.0000	0.00	0.26
Moray West	0.1140	0.552	0.1	1.12	0.0261	0.08	0.0000	0.00	1.20
Morecambe	0.0000	0.552	0.1	0.00	0.1966	0.02	0.1802	0.00	0.02
Morgan	0.0000	0.552	0.1	0.00	0.1966	0.09	0.1802	0.04	0.13
Muir Mhor	0.0570	0.552	0.1	0.12	0.0261	0.11	0.0000	0.00	0.23

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0010	0.552	0.1	0.01	0.0261	0.10	0.0000	0.00	0.11
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0261	0.32	0.0000	0.00	0.32
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0261	0.45	0.0000	0.00	0.45
North Falls	0.0000	0.552	0.1	0.00	0.0261	0.05	0.0000	0.00	0.05
North Hoyle	0.0000	0.552	0.1	0.00	0.1966	0.01	0.1802	0.00	0.01
North Irish Sea Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.1	0.00	0.1966	0.00	0.1802	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.0261	0.14	0.0000	0.00	0.14
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0261	0.09	0.0000	0.00	0.09
Pentland Floating Offshore Wind Farm	0.0960	0.552	0.1	0.06	0.1966	0.03	0.1802	0.01	0.10
Race Bank	0.0000	0.552	0.1	0.00	0.0261	0.01	0.0000	0.00	0.01
Rampion	0.0000	0.552	0.1	0.00	0.0261	0.11	0.0000	0.00	0.11
Rampion 2	0.0000	0.552	0.1	0.00	0.0261	0.02	0.0000	0.00	0.02
Rhyl Flats	0.0000	0.552	0.1	0.00	0.1966	0.01	0.1802	0.01	0.01
Robin Rigg	0.0000	0.552	0.1	0.00	0.1966	0.01	0.1802	0.01	0.01
Salamander	0.0000	0.552	0.1	0.00	0.0261	0.07	0.0000	0.00	0.07
Seagreen Phase 1 Wind Farm	0.0080	0.552	0.1	0.08	0.0261	0.12	0.0000	0.00	0.20

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.552	0.1	0.00	0.0261	0.01	0.0000	0.00	0.01
Sheringham Shoal Extension	0.0000	0.552	0.1	0.00	0.0261	0.05	0.0000	0.00	0.05
Teesside	0.0000	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.00
Triton Knoll	0.0000	0.552	0.1	0.00	0.0261	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.1966	0.21	0.1802	0.01	0.22
Walney 1&2	0.0000	0.552	0.1	0.00	0.1966	0.04	0.1802	0.02	0.05
Walney Extension	0.0000	0.552	0.1	0.00	0.1966	0.36	0.1802	0.03	0.39
West of Duddon Sands	0.0000	0.552	0.1	0.00	0.1966	0.02	0.1802	0.01	0.04
West of Orkney Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.1966	1.61	0.1802	0.18	1.79
White Cross	0.0000	0.552	0.1	0.00	0.1966	0.19	0.1802	0.07	0.27
Offshore Project	0.4543	0.946	0.1	1.17	0.1966	0.22	0.1802	0.04	1.42
Total mortality (with Berwick Bank Offshore Wind Farm)				3.12	10.26		0.73		14.12
Total mortality (without Berwick Bank Offshore Wind Farm)				2.97	9.99		0.73		13.70

Sule Skerry and Sule Stack SPA

Table 1-74 Gannet in-combination displacement mortality apportioned to Sule Skerry and Sule Stack SPA (NatureScot Upper Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0160	0.552	0.1	0.01	0.0020	0.00	0.0000	0.00	0.01
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.1	0.00	0.0154	0.07	0.0141	0.00	0.07
Barrow	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Beatrice	0.1280	0.552	0.1	0.20	0.0020	0.00	0.0000	0.00	0.20
Berwick Bank Offshore Wind Farm	0.0020	0.552	0.1	0.10	0.0020	0.06	0.0000	0.00	0.16
Blyth Demonstration Project (Phase 1)	0.0050	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0770	0.552	0.1	0.19	0.0020	0.01	0.0000	0.00	0.20
Burbo Bank	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0770	0.552	0.1	0.73	0.0020	0.01	0.0000	0.00	0.74
Cenos	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
Codling Wind Park	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A + B	0.0000	0.552	0.1	0.00	0.0020	0.09	0.0000	0.00	0.09
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0020	0.07	0.0000	0.00	0.07
Dogger Bank Teesside A + B (C and Sofia)	0.0000	0.552	0.1	0.00	0.0020	0.04	0.0000	0.00	0.04
Dublin Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
East Anglia One	0.0000	0.552	0.1	0.00	0.0020	0.16	0.0000	0.00	0.16
East Anglia One North	0.0000	0.552	0.1	0.00	0.0020	0.02	0.0000	0.00	0.02
East Anglia Three	0.0000	0.552	0.1	0.00	0.0020	0.05	0.0000	0.00	0.05
East Anglia Two	0.0000	0.552	0.1	0.00	0.0020	0.04	0.0000	0.00	0.04
Erebus	0.0000	0.552	0.1	0.00	0.0154	0.11	0.0141	0.03	0.14

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.552	0.1	0.00	0.0020	0.03	0.0000	0.00	0.03
Galloper	0.0000	0.552	0.1	0.00	0.0020	0.04	0.0000	0.00	0.04
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Green Volt	0.0300	0.552	0.1	0.06	0.0020	0.00	0.0000	0.00	0.06
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Gwynt y Mor	0.0000	0.552	0.1	0.00	0.0154	0.01	0.0141	0.00	0.01
Hornsea Project One	0.0000	0.552	0.1	0.00	0.0020	0.03	0.0000	0.00	0.03
Hornsea Project Two	0.0000	0.552	0.1	0.00	0.0020	0.05	0.0000	0.00	0.05
Hornsea Three	0.0000	0.552	0.1	0.00	0.0020	0.04	0.0000	0.00	0.04
Hornsea Four	0.0000	0.552	0.1	0.00	0.0020	0.03	0.0000	0.00	0.03
Humber Gateway	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Hywind	0.0600	0.552	0.1	0.01	0.0020	0.00	0.0000	0.00	0.01
Inch Cape Offshore Wind Farm	0.0010	0.552	0.1	0.03	0.0020	0.03	0.0000	0.00	0.06
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Kincardine	0.0090	0.552	0.1	0.01	0.0020	0.00	0.0000	0.00	0.01
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
London Array	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.552	0.1	0.00	0.0154	0.23	0.0141	0.02	0.25
Mona	0.0000	0.552	0.1	0.00	0.0154	0.02	0.0141	0.01	0.03
Moor Vannin	0.0000	0.552	0.1	0.00	0.0154	0.05	0.0141	0.01	0.06
Moray East	0.1120	0.552	0.1	0.66	0.0020	0.01	0.0000	0.00	0.67
Moray West	0.1070	0.552	0.1	3.16	0.0020	0.02	0.0000	0.00	3.18
Morecambe	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Morgan	0.0000	0.552	0.1	0.00	0.0154	0.02	0.0141	0.01	0.03
Muir Mhor	0.0290	0.552	0.1	0.18	0.0020	0.03	0.0000	0.00	0.21
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0020	0.02	0.0000	0.00	0.02
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0020	0.07	0.0000	0.00	0.07
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0020	0.11	0.0000	0.00	0.11
North Falls	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
North Hoyle	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.0020	0.03	0.0000	0.00	0.03
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0020	0.02	0.0000	0.00	0.02

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.4770	0.552	0.1	0.83	0.0154	0.01	0.0141	0.00	0.84
Race Bank	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Rampion	0.0000	0.552	0.1	0.00	0.0020	0.03	0.0000	0.00	0.03
Rampion 2	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Rhyl Flats	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Robin Rigg	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Salamander	0.0279	0.552	0.1	0.13	0.0020	0.02	0.0000	0.00	0.14
Seagreen Phase 1 Wind Farm	0.0020	0.552	0.1	0.06	0.0020	0.03	0.0000	0.00	0.09
Sheringham Shoal	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
Teesside	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Triton Knoll	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.0154	0.05	0.0141	0.00	0.05
Walney 1&2	0.0000	0.552	0.1	0.00	0.0154	0.01	0.0141	0.00	0.01
Walney Extension	0.0000	0.552	0.1	0.00	0.0154	0.08	0.0141	0.01	0.09

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Duddon Sands	0.0000	0.552	0.1	0.00	0.0154	0.01	0.0141	0.00	0.01
West of Orkney Offshore Wind Farm	1.0000	0.552	0.1	8.89	0.0154	0.38	0.0141	0.04	9.31
White Cross	0.0000	0.552	0.1	0.00	0.0154	0.05	0.0141	0.02	0.06
Offshore Project	0.0405	0.946	0.1	0.31	0.0154	0.05	0.0141	0.01	0.37
Total mortality (with Berwick Bank Offshore Wind Farm)				15.55	2.41		0.17		18.14
Total mortality (without Berwick Bank Offshore Wind Farm)				15.46	2.35		0.17		17.98

Table 1-75 Gannet in-combination displacement mortality apportioned to Sule Skerry and Sule Stack SPA (NatureScot Lower/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0160	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Arklow Bank Phase 2	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.1	0.00	0.0154	0.02	0.0141	0.00	0.02
Barrow	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice	0.1280	0.552	0.1	0.07	0.0020	0.00	0.0000	0.00	0.07
Berwick Bank Offshore Wind Farm	0.0020	0.552	0.1	0.03	0.0020	0.02	0.0000	0.00	0.05
Blyth Demonstration Project (Phase 1)	0.0050	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0770	0.552	0.1	0.06	0.0020	0.00	0.0000	0.00	0.07
Burbo Bank	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Caledonia Offshore Wind Farm	0.0770	0.552	0.1	0.24	0.0020	0.00	0.0000	0.00	0.25
Cenos	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Codling Wind Park	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A + B	0.0000	0.552	0.1	0.00	0.0020	0.03	0.0000	0.00	0.03
Dogger Bank South	0.0000	0.552	0.1	0.00	0.0020	0.02	0.0000	0.00	0.02

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside A + B (C and Sofia)	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
Dublin Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.552	0.1	0.00	0.0020	0.05	0.0000	0.00	0.05
East Anglia One North	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
East Anglia Three	0.0000	0.552	0.1	0.00	0.0020	0.02	0.0000	0.00	0.02
East Anglia Two	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
Erebus	0.0000	0.552	0.1	0.00	0.0154	0.04	0.0141	0.01	0.05
Five Estuaries	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
Galloper	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
Greater Gabbard	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Green Volt	0.0300	0.552	0.1	0.02	0.0020	0.00	0.0000	0.00	0.02
Gunfleet Sands I	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Gwynt y Mor	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Hornsea Project One	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
Hornsea Project Two	0.0000	0.552	0.1	0.00	0.0020	0.02	0.0000	0.00	0.02
Hornsea Three	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Four	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
Humber Gateway	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Hywind	0.0600	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0010	0.552	0.1	0.01	0.0020	0.01	0.0000	0.00	0.02
Kentish Flats Extension	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Kincardine	0.0090	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
London Array	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.552	0.1	0.00	0.0154	0.08	0.0141	0.01	0.08
Mona	0.0000	0.552	0.1	0.00	0.0154	0.01	0.0141	0.00	0.01
Moor Vannin	0.0000	0.552	0.1	0.00	0.0154	0.02	0.0141	0.00	0.02
Moray East	0.1120	0.552	0.1	0.22	0.0020	0.00	0.0000	0.00	0.22
Moray West	0.1070	0.552	0.1	1.05	0.0020	0.01	0.0000	0.00	1.06
Morecambe	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Morgan	0.0000	0.552	0.1	0.00	0.0154	0.01	0.0141	0.00	0.01
Muir Mhor	0.0290	0.552	0.1	0.06	0.0020	0.01	0.0000	0.00	0.07

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
Norfolk Boreas	0.0000	0.552	0.1	0.00	0.0020	0.02	0.0000	0.00	0.02
Norfolk Vanguard	0.0000	0.552	0.1	0.00	0.0020	0.04	0.0000	0.00	0.04
North Falls	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
North Hoyle	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Ossian	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
Outer Dowsing	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
Pentland Floating Offshore Wind Farm	0.4770	0.552	0.1	0.28	0.0154	0.00	0.0141	0.00	0.28
Race Bank	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Rampion	0.0000	0.552	0.1	0.00	0.0020	0.01	0.0000	0.00	0.01
Rampion 2	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Rhyl Flats	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Robin Rigg	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Salamander	0.0279	0.552	0.1	0.04	0.0020	0.01	0.0000	0.00	0.05
Seagreen Phase 1 Wind Farm	0.0020	0.552	0.1	0.02	0.0020	0.01	0.0000	0.00	0.03

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Teesside	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Triton Knoll	0.0000	0.552	0.1	0.00	0.0020	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.1	0.00	0.0154	0.02	0.0141	0.00	0.02
Walney 1&2	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
Walney Extension	0.0000	0.552	0.1	0.00	0.0154	0.03	0.0141	0.00	0.03
West of Duddon Sands	0.0000	0.552	0.1	0.00	0.0154	0.00	0.0141	0.00	0.00
West of Orkney Offshore Wind Farm	1.0000	0.552	0.1	2.96	0.0154	0.13	0.0141	0.01	3.10
White Cross	0.0000	0.552	0.1	0.00	0.0154	0.02	0.0141	0.01	0.02
Offshore Project	0.0405	0.946	0.1	0.10	0.0154	0.02	0.0141	0.00	0.12
Total mortality (with Berwick Bank Offshore Wind Farm)				5.18	0.80		0.06		6.05
Total mortality (without Berwick Bank Offshore Wind Farm)				5.15	0.78		0.06		5.99

1.3 COLLISION

1.3.1 KITTIWAKE

Table 1-76 Kittiwake in-combination collision mortality calculations

Project	Seasonal Collision Mortality		
	Breeding	Post-breeding	Pre-breeding
Aberdeen Offshore Wind Farm	10.10	3.36	0.70
Arklow Bank Phase 2	14.10	48.08	150.01
Awel y Mor	12.78	7.89	15.09
Barrow	0.01	0.01	0.01
Beatrice	73.15	6.20	25.33
Beatrice Demonstrator	1.30	1.15	1.01
Berwick Bank Offshore Wind Farm	398.17	138.18	130.18
Blyth Demonstration Project (Phase 1)	1.41	1.33	0.89
Buchan Offshore Wind Farm	2.62	0.78	3.28
Burbo Bank	0.48	0.74	0.73
Burbo Bank Extension	21.34	1.96	1.34
Caledonia Offshore Wind Farm	56.06	6.99	4.75
Cenos	8.04	3.00	2.05
Codling Wind Park	6.29	8.40	3.86
Dogger Bank Creyke Beck A	198.04	78.25	187.98
Dogger Bank South	122.52	79.32	99.84
Dogger Bank Teesside A	89.81	52.57	138.03
Dolphyn Project	0.00	0.00	0.00
Dublin Array	23.82	13.02	5.89
Dudgeon Extension	3.94	3.00	2.78

Project	Seasonal Collision Mortality		
	Breeding	Post-breeding	Pre-breeding
East Anglia One	0.77	92.97	29.78
East Anglia One North	18.44	5.89	2.55
East Anglia Three	5.25	32.81	19.54
East Anglia Two	15.05	3.93	5.38
Erebus	1.19	23.60	12.33
Five Estuaries	5.28	7.88	12.16
Galloper	6.91	16.11	20.24
Greater Gabbard	2.52	8.69	7.25
Gunfleet Sands I	0.00	0.00	0.00
Gunfleet Sands II	0.00	0.00	0.00
Gwynt y Mor	8.64	11.80	11.69
Green Volt	5.53	5.95	3.55
Hornsea Four	43.25	10.11	3.35
Hornsea Project One	6.51	5.63	2.31
Hornsea Project Two	11.34	5.22	1.91
Hornsea Three	37.83	27.98	22.30
Humber Gateway	1.88	1.85	1.21
Hywind	10.46	0.52	0.57
Inch Cape Offshore Wind Farm	27.31	18.91	4.36
Kentish Flats Extension	0.71	0.00	1.40
Kincardine	14.35	5.22	1.91
Methil Demonstration	0.50	0.45	0.39
Lincs	0.72	0.70	0.45
Llŷr 1	0.22	20.94	3.03
London Array	0.24	1.33	1.15
Mona	8.06	8.29	15.87

Project	Seasonal Collision Mortality		
	Breeding	Post-breeding	Pre-breeding
Mooir Vannin	4.76	16.53	25.63
Moray East	15.18	1.45	3.64
Moray West	54.85	16.73	5.09
Morecambe	13.20	8.62	3.99
Morgan	6.11	18.05	15.28
Muir Mhor	65.66	0.95	8.35
Neart na Gaoithe Offshore Wind Farm	4.99	12.36	1.45
Norfolk Boreas	6.81	23.42	8.65
Norfolk Vanguard	7.26	11.93	14.04
North Falls	5.32	3.64	11.20
North Irish Sea Array	3.96	6.59	9.03
Oriel	5.78	23.70	27.15
Ormonde	0.74	0.97	0.66
Ossian	28.53	5.35	6.24
Outer Dowsing	16.54	3.64	13.81
Pentland Floating Offshore Wind Farm	4.90	0.73	0.00
Race Bank	6.28	13.85	3.56
Rampion	46.46	21.68	18.90
Rhyl Flats	0.88	1.16	1.18
Robin Rigg	0.99	1.39	1.27
Rampion 2	1.23	9.78	17.25
Scroby Sands	0.00	0.00	0.00
Salamander	9.04	0.00	0.00
Seagreen Phase 1 Wind Farm	83.58	103.50	56.40
Sheringham Shoal	0.29	0.00	0.00
Thanet	0.00	0.29	0.25

Project	Seasonal Collision Mortality		
	Breeding	Post-breeding	Pre-breeding
Teesside	41.53	13.91	1.59
Walney 1&2	3.88	2.84	3.52
Triton Knoll	28.39	80.57	28.89
West of Duddon Sands	2.89	4.54	4.29
Twinhub (Wave Hub Floating Wind Farm)	1.10	3.23	6.07
Walney Extension	17.51	61.95	51.82
West of Orkney Offshore Wind Farm	17.61	16.31	21.87
Westermest Rough	0.12	0.12	0.06
White Cross	0.20	1.83	12.58
Offshore Project	0.89	6.69	13.97

Cape Wrath SPA

Table 1-77 Kittiwake in-combination collision mortality apportioned to Cape Wrath SPA

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0136	0.11	0.0239	0.36	0.47
Barrow	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice Offshore Wind Farm	0.0010	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Beatrice Demonstrator	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.03	0.0003	0.04	0.08
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Burbo Bank	0.0000	0.532	0.1	0.00	0.0136	0.01	0.0239	0.02	0.03
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0136	0.03	0.0239	0.03	0.06
Caledonia Offshore Wind Farm	0.0050	0.532	0.1	0.14	0.0002	0.00	0.0003	0.00	0.14
Cenos	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0002	0.02	0.0003	0.06	0.08

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0002	0.02	0.0003	0.03	0.05
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.05	0.06
Dolphyn Project	0.0000	0.532	0.1	0.00	0.0136	0.00	0.0239	0.00	0.00
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia One	0.0000	0.532	0.1	0.00	0.0002	0.02	0.0003	0.01	0.03
East Anglia One North	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia Three	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.01	0.01
East Anglia Two	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Erebus	0.0000	0.532	0.1	0.00	0.0136	0.32	0.0239	0.30	0.62
Five Estuaries	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Galloper	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Gunfleet Sands I	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Gunfleet Sands II	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0136	0.16	0.0239	0.28	0.44
Green Volt	0.0090	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hornsea Four	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hornsea Three	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.01	0.01
Humber Gateway	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hywind	0.0120	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Kentish Flats	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Inch Cape Offshore Wind Farm	0.0020	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Kentish Flats Extension	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Kincardine	0.0010	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Methil Demonstration	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Lincs	0.0010	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0136	0.29	0.0239	0.07	0.36
London Array	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Mona	0.0000	0.532	0.1	0.00	0.0136	0.11	0.0239	0.38	0.49
Moor Vannin	0.0000	0.532	0.1	0.00	0.0136	0.23	0.0239	0.61	0.84
Moray East	0.0030	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Moray West	0.0040	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Morecambe	0.0000	0.532	0.1	0.00	0.0136	0.12	0.0239	0.10	0.21
Morgan	0.0000	0.532	0.1	0.00	0.0136	0.25	0.0239	0.37	0.61
Muir Mhor	0.0050	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0010	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.00	0.01
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
North Falls	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0136	0.09	0.0239	0.22	0.31
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0136	0.01	0.0239	0.02	0.03
Ossian	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Pentland Floating Offshore Wind Farm	0.0070	0.532	0.1	0.02	0.0136	0.01	0.0239	0.00	0.03
Race Bank	0.0000	0.532	0.1	0.13	0.0002	0.00	0.0003	0.00	0.13
Rampion	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.01	0.01
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0136	0.02	0.0239	0.03	0.04
Robin Rigg	0.0000	0.532	0.1	0.00	0.0136	0.02	0.0239	0.03	0.05
Rampion 2	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Salamander	0.0037	0.532	0.1	0.04	0.0002	0.00	0.0003	0.00	0.04
Seagreen Phase 1 Wind Farm	0.0020	0.532	0.1	0.00	0.0002	0.03	0.0003	0.02	0.04

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Teesside	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Walney 1&2	0.0000	0.532	0.1	0.00	0.0136	0.04	0.0239	0.08	0.12
Triton Knoll	0.0000	0.532	0.1	0.00	0.0002	0.02	0.0003	0.01	0.03
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0136	0.06	0.0239	0.10	0.16
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0136	0.04	0.0239	0.15	0.19
Walney Extension	0.0000	0.532	0.1	0.00	0.0136	0.84	0.0239	1.24	2.08
West of Orkney Offshore Wind Farm	0.2465	0.532	0.1	2.10	0.0136	0.22	0.0239	0.52	2.85
Westermest Rough	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
White Cross	0.0000	0.532	0.1	0.00	0.0136	0.02	0.0239	0.30	0.33
Offshore Project	0.0999	0.3958	0.1	0.03	0.0136	0.09	0.0239	0.33	0.46
Total mortality (with Berwick Bank Offshore Wind Farm)				2.46	3.32		5.84		11.63
Total mortality (without Berwick Bank Offshore Wind Farm)				2.46	3.29		5.80		11.55

East Caithness Cliffs SPA

Table 1-78 Kittiwake in-combination collision mortality apportioned to East Caithness Cliffs SPA

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0060	0.532	0.1	0.00	0.0584	0.20	0.0772	0.05	0.25
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0177	0.14	0.0351	0.53	0.67
Barrow	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.00	0.00
Beatrice Offshore Wind Farm	0.9410	0.532	0.1	18.08	0.0584	0.36	0.0772	1.96	20.40
Beatrice Demonstrator	0.0000	0.532	0.1	0.00	0.0584	0.07	0.0772	0.08	0.15
Berwick Bank Offshore Wind Farm	0.0310	0.532	0.1	(0.36)*	0.0584	(8.07)*	0.0772	(10.05)*	(18.49)*
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0584	0.08	0.0772	0.07	0.15
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0584	0.05	0.0772	0.25	0.30
Burbo Bank	0.0000	0.532	0.1	0.00	0.0177	0.01	0.0351	0.03	0.04

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0177	0.03	0.0351	0.05	0.08
Caledonia Offshore Wind Farm	0.5130	0.532	0.1	13.53	0.0584	0.41	0.0772	0.37	14.31
Cenos	0.1300	0.532	0.1	0.92	0.0584	0.18	0.0772	0.16	1.25
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0584	4.57	0.0772	14.52	19.09
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0584	4.63	0.0772	7.71	12.35
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0584	3.07	0.0772	10.66	13.73
Dolphyn Project	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.00	0.00
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0584	0.18	0.0772	0.21	0.39
East Anglia One	0.0000	0.532	0.1	0.00	0.0584	5.43	0.0772	2.30	7.73
East Anglia One North	0.0000	0.532	0.1	0.00	0.0584	0.34	0.0772	0.20	0.54
East Anglia Three	0.0000	0.532	0.1	0.00	0.0584	1.92	0.0772	1.51	3.43
East Anglia Two	0.0000	0.532	0.1	0.00	0.0584	0.23	0.0772	0.42	0.65
Erebus	0.0000	0.532	0.1	0.00	0.0177	0.42	0.0351	0.43	0.85
Five Estuaries	0.0000	0.532	0.1	0.00	0.0584	0.46	0.0772	0.94	1.40

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Galloper	0.0000	0.532	0.1	0.00	0.0584	0.94	0.0772	1.56	2.50
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0584	0.51	0.0772	0.56	1.07
Gunfleet Sands I	0.0000	0.532	0.1	0.00	0.0584	0.00	0.0772	0.00	0.00
Gunfleet Sands II	0.0000	0.532	0.1	0.00	0.0584	0.00	0.0772	0.00	0.00
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0177	0.21	0.0351	0.41	0.62
Green Volt	0.1760	0.532	0.1	(0.60)*	0.0584	(0.35)*	0.0772	(0.27)*	(1.22)*
Hornsea Four	0.0000	0.532	0.1	0.00	0.0584	0.59	0.0772	0.26	0.85
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0584	0.33	0.0772	0.18	0.51
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0584	0.30	0.0772	0.15	0.45
Hornsea Three	0.0000	0.532	0.1	0.00	0.0584	1.63	0.0772	1.72	3.36
Humber Gateway	0.0000	0.532	0.1	0.00	0.0584	0.11	0.0772	0.09	0.20
Hywind	0.3330	0.532	0.1	0.00	0.0584	0.03	0.0772	0.04	0.07
Kentish Flats	0.0000	0.532	0.1	0.00	0.0584	0.03	0.0772	0.03	0.07
Inch Cape Offshore Wind Farm	0.0240	0.532	0.1	0.00	0.0584	1.10	0.0772	0.34	1.44
Kentish Flats Extension	0.0000	0.532	0.1	0.00	0.0584	0.00	0.0772	0.11	0.11
Kincardine	0.0130	0.532	0.1	0.00	0.0584	0.30	0.0772	0.15	0.45
Methil Demonstration	0.0160	0.532	0.1	0.00	0.0584	0.03	0.0772	0.03	0.06
Lincs	0.0000	0.532	0.1	0.00	0.0584	0.04	0.0772	0.03	0.08

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Llŷr 1	0.0000	0.532	0.1	0.00	0.0177	0.37	0.0351	0.11	0.48
London Array	0.0000	0.532	0.1	0.00	0.0584	0.08	0.0772	0.09	0.17
Mona	0.0000	0.532	0.1	0.00	0.0584	0.15	0.0772	0.56	0.70
Moor Vannin	0.0000	0.532	0.1	0.00	0.0584	0.29	0.0772	0.90	1.19
Moray East	0.8240	0.532	0.1	11.64	0.0584	0.08	0.0772	0.28	12.01
Moray West	0.8570	0.532	0.1	36.41	0.0584	0.98	0.0772	0.39	37.78
Morecambe	0.0000	0.532	0.1	0.00	0.0177	0.15	0.0351	0.14	0.29
Morgan	0.0000	0.532	0.1	0.00	0.0177	0.32	0.0351	0.54	0.86
Muir Mhor	0.0910	0.532	0.1	2.30	0.0584	0.06	0.0772	0.64	3.00
Neart na Gaoithe Offshore Wind Farm	0.0100	0.532	0.1	0.00	0.0584	0.72	0.0772	0.11	0.83
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0584	1.37	0.0772	0.67	2.04
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0584	0.70	0.0772	1.08	1.78
North Falls	0.0000	0.532	0.1	0.00	0.0177	0.00	0.0351	0.00	0.00
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0177	0.12	0.0351	0.32	0.43
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0177	0.02	0.0351	0.02	0.04
Ossian	0.0637	0.532	0.1	1.40	0.0584	0.31	0.0772	0.48	2.19
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0584	0.21	0.0772	1.07	1.28
Pentland Floating Offshore Wind Farm	0.0550	0.532	0.1	0.39	0.0177	0.01	0.0351	0.00	0.40

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Race Bank	0.0000	0.532	0.1	0.00	0.0584	0.81	0.0772	0.27	1.08
Rampion	0.0000	0.532	0.1	0.00	0.0584	1.27	0.0772	1.46	2.73
Rampion 2	0.0000	0.532	0.1	0.00	0.0584	0.57	0.0772	1.33	1.90
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0177	0.02	0.0351	0.04	0.06
Robin Rigg	0.0000	0.532	0.1	0.00	0.0177	0.02	0.0351	0.04	0.07
Salamander	0.0714	0.532	0.1	0.73	0.0584	0.00	0.0772	0.00	0.73
Seagreen Phase 1 Wind Farm	0.0220	0.532	0.1	0.00	0.0584	6.05	0.0772	4.36	10.40
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0584	0.00	0.0772	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0584	0.02	0.0772	0.02	0.04
Teesside	0.0000	0.532	0.1	0.00	0.0584	0.81	0.0772	0.12	0.94
Triton Knoll	0.0000	0.532	0.1	0.00	0.0584	4.71	0.0772	2.23	6.94
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0177	0.06	0.0351	0.21	0.27
Walney 1&2	0.0000	0.532	0.1	0.00	0.0177	0.05	0.0351	0.12	0.17
Walney Extension	0.0000	0.532	0.1	0.00	0.0177	1.10	0.0351	1.82	2.92
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0177	0.08	0.0351	0.15	0.23
West of Orkney Offshore Wind Farm	0.2109	0.532	0.1	(1.80)*	0.0177	(0.29)*	0.0351	(0.77)*	(2.86)*
Westermest Rough	0.0000	0.532	0.1	0.00	0.0584	0.01	0.0772	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
White Cross	0.0000	0.532	0.1	0.00	0.0177	0.02	0.0351	0.04	0.07
Offshore Project	0.1174	0.3958	0.1	0.04	0.0177	0.12	0.0351	0.32	0.43
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm, Green Volt and West of Orkney Offshore Wind Farm)				85.44	50.81		69.49		205.75
* Impacts are required to be compensated and not included in 'Total Mortality'									

Flamborough and Filey Coast SPA

Table 1-79 Kittiwake in-combination collision mortality apportioned to Flamborough and Filey Coast SPA

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0544	0.18	0.0719	0.05	0.23
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0165	0.13	0.0326	0.49	0.62
Barrow	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.00	0.00
Beatrice Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0544	0.34	0.0719	1.82	2.16

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice Demonstrator	0.0000	0.532	0.1	0.00	0.0544	0.06	0.0719	0.07	0.14
Berwick Bank Offshore Wind Farm	0.0800	0.532	0.1	(0.40)*	0.0544	(7.52)*	0.0719	(9.36)*	(17.28)*
Blyth Demonstration Project (Phase 1)	0.5370	0.532	0.1	0.00	0.0544	0.07	0.0719	0.06	0.14
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0544	0.04	0.0719	0.24	0.28
Burbo Bank	0.0000	0.532	0.1	0.00	0.0165	0.01	0.0326	0.02	0.04
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0165	0.03	0.0326	0.04	0.08
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0544	0.38	0.0719	0.34	0.72
Cenos	0.0000	0.532	0.1	0.00	0.0544	0.16	0.0719	0.15	0.31
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A (Dogger Bank A)	0.9310	0.532	0.1	40.60	0.0544	4.26	0.0719	13.52	58.37

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Creyke Beck B (Dogger Bank B)	0.9310	0.532	0.1	N/A - NEEOG combines with Dogger Bank A	0.0544	0.00	0.0719	0.00	0.00
Dogger Bank South	0.9660	0.532	0.1	184.60	0.0544	4.31	0.0719	7.18	196.09
Dogger Bank Teesside A (Dogger Bank C)	0.9540	0.532	0.1	19.20	0.0544	2.86	0.0719	9.92	31.98
Dogger Bank Teesside B (Sofia)	0.9540	0.532	0.1	N/A - NEEOG combines with Dogger Bank C (formerly known as Dogger Bank Teesside A)	0.0544	0.00	0.0719	0.00	0.00
Dolphyn Project	0.0000	0.532	0.1	0.00	0.0165	0.00	0.0326	0.00	0.00
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	1.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Dudgeon Extension	1.0000	0.532	0.1	5.60	0.0544	0.16	0.0719	0.20	5.96
East Anglia One	1.0000	0.532	0.1	0.00	0.0544	5.06	0.0719	2.14	7.20
East Anglia One North	1.0000	0.532	0.1	0.00	0.0544	0.32	0.0719	0.18	0.50
East Anglia Three	1.0000	0.532	0.1	0.00	0.0544	1.78	0.0719	1.40	3.19

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
East Anglia Two	1.0000	0.532	0.1	0.00	0.0544	0.21	0.0719	0.39	0.60
Erebus	0.0000	0.532	0.1	0.00	0.0165	0.39	0.0326	0.40	0.79
Five Estuaries	0.0000	0.532	0.1	0.00	0.0544	0.43	0.0719	0.87	1.30
Galloper	1.0000	0.532	0.1	0.00	0.0544	0.88	0.0719	1.46	2.33
Greater Gabbard	1.0000	0.532	0.1	0.00	0.0544	0.47	0.0719	0.52	0.99
Gunfleet Sands I	1.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Gunfleet Sands II	1.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Gunfleet Sands III	1.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0165	0.19	0.0326	0.38	0.58
Green Volt	0.0000	0.532	0.1	0.00	0.0544	0.32	0.0719	0.26	0.58
Hornsea Four	0.9860	0.532	0.1	(51.10)*	0.0544	(0.55)*	0.0719	(0.24)*	(51.89)*
Hornsea Project One	0.9840	0.532	0.1	4.60	0.0544	0.31	0.0719	0.17	5.07
Hornsea Project Two	0.9850	0.532	0.1	9.70	0.0544	0.28	0.0719	0.14	10.12
Hornsea Three	1.0000	0.532	0.1	(36.70)*	0.0544	(1.52)*	0.0719	(1.60)*	(39.83)*
Humber Gateway	0.9920	0.532	0.1	1.40	0.0544	0.10	0.0719	0.09	1.59
Hywind	0.0000	0.532	0.1	0.00	0.0544	0.03	0.0719	0.04	0.07
Kentish Flats	0.0000	0.532	0.1	0.00	0.0544	0.03	0.0719	0.03	0.06
Inch Cape Offshore Wind Farm	0.0290	0.532	0.1	0.00	0.0544	1.03	0.0719	0.31	1.34

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kentish Flats Extension	0.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.10	0.10
Lynn and Inner Dowsing	0.9890	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Kincardine	0.0000	0.532	0.1	0.00	0.0544	0.28	0.0719	0.14	0.42
Methil Demonstration	0.0250	0.532	0.1	0.00	0.0544	0.02	0.0719	0.03	0.05
Lincs	0.9890	0.532	0.1	0.50	0.0544	0.04	0.0719	0.03	0.57
Llŷr 1	0.0000	0.532	0.1	0.00	0.0165	0.35	0.0326	0.10	0.44
London Array	1.0000	0.532	0.1	0.00	0.0544	0.07	0.0719	0.08	0.16
Mona	0.0000	0.532	0.1	0.00	0.0165	0.14	0.0326	0.52	0.65
Moor Vannin	0.0000	0.532	0.1	0.00	0.0165	0.27	0.0326	0.84	1.11
Moray East	0.0000	0.532	0.1	0.00	0.0544	0.08	0.0719	0.26	0.34
Moray West	0.0000	0.532	0.1	0.00	0.0544	0.91	0.0719	0.37	1.28
Morecambe	0.0000	0.532	0.1	0.00	0.0165	0.14	0.0326	0.13	0.27
Morgan	0.0000	0.532	0.1	0.00	0.0165	0.30	0.0326	0.50	0.80
Muir Mhor	0.0000	0.532	0.1	0.00	0.0544	0.05	0.0719	0.60	0.65
Neart na Gaoithe Offshore Wind Farm	0.0180	0.532	0.1	0.00	0.0544	0.67	0.0719	0.10	0.78
Norfolk Boreas	1.0000	0.532	0.1	8.30	0.0544	1.27	0.0719	0.62	10.20
Norfolk Vanguard	1.0000	0.532	0.1	13.60	0.0544	0.65	0.0719	1.01	15.26
North Falls	0.4900	0.532	0.1	0.00	0.0544	0.20	0.0719	0.81	1.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0165	0.11	0.0326	0.29	0.40
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0165	0.02	0.0326	0.02	0.04
Ossian	0.1239	0.532	0.1	2.70	0.0544	0.29	0.0719	0.45	3.44
Outer Dowsing	0.6130	0.532	0.1	15.20	0.0544	0.20	0.0719	0.99	16.39
Pentland Floating Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0165	0.01	0.0326	0.00	0.01
Race Bank	0.9890	0.532	0.1	1.40	0.0544	0.75	0.0719	0.26	2.41
Rampion	0.0000	0.532	0.1	0.00	0.0544	1.18	0.0719	1.36	2.54
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0165	0.02	0.0326	0.04	0.06
Robin Rigg	0.0000	0.532	0.1	0.00	0.0165	0.02	0.0326	0.04	0.06
Rampion 2	0.0000	0.532	0.1	0.00	0.0544	0.53	0.0719	1.24	1.77
Scroby Sands	0.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Salamander	0.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Seagreen Phase 1 Wind Farm	0.0280	0.532	0.1	0.00	0.0544	5.63	0.0719	4.06	9.68
Sheringham Shoal Extension	1.0000	0.532	0.1	0.60	0.0544	0.00	0.0719	0.00	0.60
Sheringham Shoal	1.0000	0.532	0.1	0.00	0.0544	0.00	0.0719	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0544	0.02	0.0719	0.02	0.03

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Teesside	0.9270	0.532	0.1	0.00	0.0544	0.76	0.0719	0.11	0.87
Walney 1&2	0.0000	0.532	0.1	0.00	0.0165	0.05	0.0326	0.11	0.16
Triton Knoll	0.9920	0.532	0.1	17.90	0.0544	4.38	0.0719	2.08	24.36
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0165	0.07	0.0326	0.14	0.21
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0165	0.05	0.0326	0.20	0.25
Walney Extension	0.0000	0.532	0.1	0.00	0.0165	1.02	0.0326	1.69	2.71
West of Orkney Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0165	0.27	0.0326	0.71	0.98
Westermest Rough	0.9970	0.532	0.1	0.10	0.0544	0.01	0.0719	0.00	0.11
White Cross	0.0000	0.532	0.1	0.00	0.0165	0.03	0.0326	0.41	0.44
Offshore Project	0.0000	0.3958	0.1	0.00	0.0165	0.11	0.0326	0.46	0.57
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm)				326.00	45.82		63.81		435.64

* Impacts are required to be compensated and not included in 'Total Mortality'

North Caithness Cliffs SPA

Table 1-80 Kittiwake in-combination collision mortality apportioned to North Caithness Cliffs SPA

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0010	0.532	0.1	0.00	0.0147	0.05	0.0194	0.01	0.06
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0045	0.04	0.0088	0.13	0.17
Barrow	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Beatrice Offshore Wind Farm	0.0300	0.532	0.1	1.29	0.0147	0.09	0.0194	0.49	1.87
Beatrice Demonstrator	0.0000	0.532	0.1	0.00	0.0147	0.02	0.0194	0.02	0.04
Berwick Bank Offshore Wind Farm	0.0050	0.532	0.1	(0.00)*	0.0147	(2.03)*	0.0194	(2.53)*	(4.55)*
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0147	0.02	0.0194	0.02	0.04
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.06	0.08
Burbo Bank	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.01	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0045	0.01	0.0088	0.01	0.02
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	1.52	0.0147	0.10	0.0194	0.09	1.71
Cenos	0.0000	0.532	0.1	0.29	0.0147	0.04	0.0194	0.04	0.37
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0147	1.15	0.0194	3.65	4.80
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0147	1.16	0.0194	1.94	3.10
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0147	0.77	0.0194	2.68	3.45
Dolphyn Project	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.00	0.00
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0147	0.04	0.0194	0.05	0.10
East Anglia One	0.0000	0.532	0.1	0.00	0.0147	1.36	0.0194	0.58	1.94
East Anglia One North	0.0000	0.532	0.1	0.00	0.0147	0.09	0.0194	0.05	0.14
East Anglia Three	0.0000	0.532	0.1	0.00	0.0147	0.48	0.0194	0.38	0.86
East Anglia Two	0.0000	0.532	0.1	0.00	0.0147	0.06	0.0194	0.10	0.16
Erebus	0.0000	0.532	0.1	0.00	0.0045	0.11	0.0088	0.11	0.21

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.532	0.1	0.00	0.0147	0.12	0.0194	0.24	0.35
Galloper	0.0000	0.532	0.1	0.00	0.0147	0.24	0.0194	0.39	0.63
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0147	0.13	0.0194	0.14	0.27
Gunfleet Sands I	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Gunfleet Sands II	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0045	0.05	0.0088	0.10	0.16
Green Volt	0.0350	0.532	0.1	0.10	0.0147	0.09	0.0194	0.07	0.26
Hornsea Four	0.0000	0.532	0.1	0.00	0.0147	0.15	0.0194	0.06	0.21
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0147	0.08	0.0194	0.04	0.13
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0147	0.08	0.0194	0.04	0.11
Hornsea Three	0.0000	0.532	0.1	0.00	0.0147	0.41	0.0194	0.43	0.84
Humber Gateway	0.0000	0.532	0.1	0.00	0.0147	0.03	0.0194	0.02	0.05
Hywind	0.0730	0.532	0.1	0.00	0.0147	0.01	0.0194	0.01	0.02
Kentish Flats	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.01	0.02
Inch Cape Offshore Wind Farm	0.0040	0.532	0.1	0.00	0.0147	0.28	0.0194	0.08	0.36
Kentish Flats Extension	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.03	0.03
Kincardine	0.0020	0.532	0.1	0.00	0.0147	0.08	0.0194	0.04	0.11
Methil Demonstration	0.0020	0.532	0.1	0.00	0.0147	0.01	0.0194	0.01	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Lincs	0.0000	0.532	0.1	0.00	0.0147	0.01	0.0194	0.01	0.02
Llŷr 1	0.0000	0.532	0.1	0.00	0.0045	0.09	0.0088	0.03	0.12
London Array	0.0000	0.532	0.1	0.00	0.0147	0.02	0.0194	0.02	0.04
Mona	0.0000	0.532	0.1	0.00	0.0045	0.04	0.0088	0.14	0.18
Mooir Vannin	0.0000	0.532	0.1	0.00	0.0045	0.07	0.0088	0.23	0.30
Moray East	0.0680	0.532	0.1	0.00	0.0147	0.02	0.0194	0.07	0.09
Moray West	0.0430	0.532	0.1	1.43	0.0147	0.25	0.0194	0.10	1.77
Morecambe	0.0000	0.532	0.1	0.00	0.0045	0.04	0.0088	0.04	0.07
Morgan	0.0000	0.532	0.1	0.00	0.0045	0.08	0.0088	0.13	0.21
Muir Mhor	0.0680	0.532	0.1	0.37	0.0147	0.01	0.0194	0.16	0.55
Neart na Gaoithe Offshore Wind Farm	0.0020	0.532	0.1	0.00	0.0147	0.18	0.0194	0.03	0.21
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0147	0.34	0.0194	0.17	0.51
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0147	0.18	0.0194	0.27	0.45
North Falls	0.0000	0.532	0.1	0.00	0.0147	0.05	0.0194	0.22	0.27
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0045	0.03	0.0088	0.08	0.11
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0045	0.00	0.0088	0.01	0.01
Ossian	0.0016	0.532	0.1	0.00	0.0147	0.08	0.0194	0.12	0.20
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0147	0.05	0.0194	0.27	0.32

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.9190	0.532	0.1	3.50	0.0045	0.00	0.0088	0.00	3.50
Race Bank	0.0000	0.532	0.1	0.00	0.0147	0.20	0.0194	0.07	0.27
Rampion	0.0000	0.532	0.1	0.00	0.0147	0.32	0.0194	0.37	0.68
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0045	0.01	0.0088	0.01	0.02
Robin Rigg	0.0000	0.532	0.1	0.00	0.0045	0.01	0.0088	0.01	0.02
Rampion 2	0.0000	0.532	0.1	0.00	0.0147	0.14	0.0194	0.33	0.48
Salamander	0.0107	0.532	0.1	0.11	0.0147	0.00	0.0194	0.00	0.11
Seagreen Phase 1 Wind Farm	0.0040	0.532	0.1	0.00	0.0147	1.52	0.0194	1.09	2.61
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.01
Teesside	0.0000	0.532	0.1	0.00	0.0147	0.20	0.0194	0.03	0.23
Walney 1&2	0.0000	0.532	0.1	0.00	0.0045	0.01	0.0088	0.03	0.04
Triton Knoll	0.0000	0.532	0.1	0.00	0.0147	1.18	0.0194	0.56	1.74
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0045	0.02	0.0088	0.04	0.06
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0045	0.01	0.0088	0.05	0.07
Walney Extension	0.0000	0.532	0.1	0.00	0.0045	0.28	0.0088	0.46	0.73

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Orkney Offshore Wind Farm	0.3360	0.532	0.1	(2.86)*	0.0045	(0.07)*	0.0088	(0.19)*	(3.13)*
Westermest Rough	0.0000	0.532	0.1	0.00	0.0147	0.00	0.0194	0.00	0.00
White Cross	0.0000	0.532	0.1	0.00	0.0045	0.01	0.0088	0.11	0.12
Offshore Project	0.0535	0.3958	0.1	0.02	0.0045	0.03	0.0088	0.12	0.17
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm)				8.63	12.85		17.52		39.00
* Impacts are required to be compensated and not included in 'Total Mortality'									

North Colonsay and Western Cliffs SPA

Table 1-81 Kittiwake in-combination collision mortality apportioned to North Colonsay and Western Cliffs SPA

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0073	0.06	0.0129	0.19	0.25

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Barrow	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Beatrice Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.01
Beatrice Demonstrator	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0040	0.532	0.1	0.76	0.0001	0.02	0.0002	0.02	0.80
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Burbo Bank	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.01	0.01
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.02	0.03
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Cenos	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0001	0.01	0.0002	0.03	0.04

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0001	0.01	0.0002	0.02	0.03
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0001	0.01	0.0002	0.02	0.03
Dolphyn Project	0.0000	0.532	0.1	0.00	0.0073	0.00	0.0129	0.00	0.00
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
East Anglia One	0.0000	0.532	0.1	0.00	0.0001	0.01	0.0002	0.01	0.02
East Anglia One North	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
East Anglia Three	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.01
East Anglia Two	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Erebus	0.0000	0.532	0.1	0.00	0.0073	0.17	0.0129	0.16	0.33
Five Estuaries	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Galloper	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.01
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Gunfleet Sands I	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Gunfleet Sands II	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0073	0.09	0.0129	0.15	0.24
Green Volt	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Hornsea Four	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Hornsea Three	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.01
Humber Gateway	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Hywind	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Kentish Flats	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Inch Cape Offshore Wind Farm	0.0030	0.532	0.1	0.04	0.0001	0.00	0.0002	0.00	0.04
Kentish Flats Extension	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Kincardine	0.0010	0.532	0.1	0.01	0.0001	0.00	0.0002	0.00	0.01
Methil Demonstration	0.0040	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Lincs	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0073	0.15	0.0129	0.04	0.19
London Array	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Mona	0.0080	0.532	0.1	0.03	0.0073	0.06	0.0129	0.20	0.30
Moor Vannin	0.0200	0.532	0.1	0.05	0.0073	0.12	0.0129	0.33	0.50
Moray East	0.0010	0.532	0.1	0.01	0.0001	0.00	0.0002	0.00	0.01
Moray West	0.0010	0.532	0.1	0.03	0.0001	0.00	0.0002	0.00	0.03
Morecambe	0.0000	0.532	0.1	0.00	0.0073	0.06	0.0129	0.05	0.11
Morgan	0.0000	0.532	0.1	0.00	0.0073	0.13	0.0129	0.20	0.33
Muir Mhor	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0020	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.01
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
North Falls	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0073	0.05	0.0129	0.12	0.16
Oriel	0.0100	0.532	0.1	0.03	0.0000	0.00	0.0000	0.00	0.03
Ormonde	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.01	0.02
Ossian	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.00	0.01
Race Bank	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Rampion	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.01
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.02	0.02
Robin Rigg	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.02	0.03
Rampion 2	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Salamander	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Seagreen Phase 1 Wind Farm	0.0020	0.532	0.1	0.08	0.0001	0.01	0.0002	0.01	0.10

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Teesside	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
Walney 1&2	0.0000	0.532	0.1	0.00	0.0073	0.02	0.0129	0.05	0.07
Triton Knoll	0.0000	0.532	0.1	0.00	0.0001	0.01	0.0002	0.01	0.02
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0073	0.03	0.0129	0.06	0.09
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0073	0.02	0.0129	0.08	0.10
Walney Extension	0.0000	0.532	0.1	0.00	0.0073	0.45	0.0129	0.67	1.12
West of Orkney Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0073	0.12	0.0129	0.28	0.40
Westermest Rough	0.0000	0.532	0.1	0.00	0.0001	0.00	0.0002	0.00	0.00
White Cross	0.0000	0.532	0.1	0.00	0.0073	0.01	0.0129	0.16	0.18
Offshore Project	0.0210	0.3958	0.1	0.01	0.0073	0.05	0.0129	0.18	0.24
Total mortality (with Berwick Bank Offshore Wind Farm)				1.04	1.79		3.14		5.97
Total mortality (without Berwick Bank Offshore Wind Farm)				0.28	1.77		3.12		5.16

Rathlin Island SPA

Table 1-82 Kittiwake in-combination collision mortality apportioned to Rathlin Island SPA

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0104	0.08	0.0183	0.28	0.36
Barrow	0.0400	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.00
Beatrice Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Beatrice Demonstrator	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.03	0.0003	0.03	0.06
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Burbo Bank	0.0200	0.532	0.1	0.00	0.0104	0.01	0.0183	0.01	0.03

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Burbo Bank Extension	0.0200	0.532	0.1	0.20	0.0104	0.02	0.0183	0.02	0.25
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Cenos	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Codling Wind Park	0.0275	0.532	0.1	0.08	0.0000	0.00	0.0000	0.00	0.08
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.05	0.06
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0002	0.02	0.0003	0.03	0.04
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.03	0.04
Dolphyn Project	0.0000	0.532	0.1	0.00	0.0104	0.00	0.0183	0.00	0.00
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia One	0.0000	0.532	0.1	0.00	0.0002	0.02	0.0003	0.01	0.03
East Anglia One North	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
East Anglia Three	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.00	0.01
East Anglia Two	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Erebus	0.0000	0.532	0.1	0.00	0.0104	0.25	0.0183	0.23	0.47

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Galloper	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.01	0.01
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Gunfleet Sands I	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Gunfleet Sands II	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Gwynt y Mor	0.0200	0.532	0.1	0.08	0.0104	0.12	0.0183	0.21	0.42
Green Volt	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hornsea Four	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hornsea Three	0.0000	0.532	0.1	0.00	0.0002	0.01	0.0003	0.01	0.01
Humber Gateway	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Hywind	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Kentish Flats	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Kentish Flats Extension	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Kincardine	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Methil Demonstration	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Lincs	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Llŷr 1	0.0000	0.532	0.1	0.00	0.0104	0.22	0.0183	0.06	0.27
London Array	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Mona	0.0490	0.532	0.1	0.19	0.0104	0.09	0.0183	0.29	0.57
Mooir Vannin	0.0950	0.532	0.1	0.22	0.0104	0.17	0.0183	0.47	0.86
Moray East	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Moray West	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Morecambe	0.0000	0.532	0.1	0.00	0.0104	0.09	0.0183	0.07	0.16
Morgan	0.0670	0.532	0.1	0.20	0.0104	0.19	0.0183	0.28	0.66
Muir Mhor	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
North Falls	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
North Irish Sea Array	0.0300	0.532	0.1	0.06	0.0104	0.07	0.0183	0.17	0.29
Oriel	0.1100	0.532	0.1	0.30	0.0000	0.00	0.0000	0.00	0.30
Ormonde	0.0400	0.532	0.1	0.01	0.0104	0.01	0.0183	0.01	0.04
Ossian	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0104	0.01	0.0183	0.00	0.01
Race Bank	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Rampion	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Rhyl Flats	0.0200	0.532	0.1	0.01	0.0104	0.01	0.0183	0.02	0.04
Robin Rigg	0.0400	0.532	0.1	0.02	0.0104	0.01	0.0183	0.02	0.06
Rampion 2	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.01
Salamander	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Seagreen Phase 1 Wind Farm	0.0000	0.532	0.1	0.00	0.0002	0.02	0.0003	0.01	0.03
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Teesside	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
Walney 1&2	0.0400	0.532	0.1	0.07	0.0104	0.03	0.0183	0.06	0.17
Triton Knoll	0.0000	0.532	0.1	0.00	0.0002	0.02	0.0003	0.01	0.02
West of Duddon Sands	0.0400	0.532	0.1	0.06	0.0104	0.05	0.0183	0.08	0.18
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0104	0.03	0.0183	0.11	0.14
Walney Extension	0.0400	0.532	0.1	0.34	0.0104	0.65	0.0183	0.95	1.93

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Orkney Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0104	0.17	0.0183	0.40	0.57
Westermest Rough	0.0000	0.532	0.1	0.00	0.0002	0.00	0.0003	0.00	0.00
White Cross	0.0000	0.532	0.1	0.00	0.0104	0.02	0.0183	0.23	0.25
Offshore Project	0.0000	0.3958	0.1	0.00	0.0104	0.07	0.0183	0.26	0.33
Total mortality (with Berwick Bank Offshore Wind Farm)				1.84	2.54		4.47		8.86
Total mortality (without Berwick Bank Offshore Wind Farm)				1.84	2.52		4.44		8.80

West Westray SPA

Table 1-83 Kittiwake in-combination collision mortality apportioned to West Westray SPA

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	0.06	0.0230	0.02	0.07
Arklow Bank Phase 2	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.532	0.1	0.00	0.0053	0.04	0.0105	0.16	0.20

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Barrow	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Beatrice Offshore Wind Farm	0.0010	0.532	0.1	0.00	0.0174	0.11	0.0230	0.58	0.69
Beatrice Demonstrator	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.02	0.04
Berwick Bank Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	2.41	0.0230	3.00	5.41
Blyth Demonstration Project (Phase 1)	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.02	0.04
Buchan Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.08	0.09
Burbo Bank	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.01	0.01
Burbo Bank Extension	0.0000	0.532	0.1	0.00	0.0053	0.01	0.0105	0.01	0.02
Caledonia Offshore Wind Farm	0.0000	0.532	0.1	0.15	0.0174	0.12	0.0230	0.11	0.38
Cenos	0.0000	0.532	0.1	0.00	0.0174	0.05	0.0230	0.05	0.10
Codling Wind Park	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A	0.0000	0.532	0.1	0.00	0.0174	1.36	0.0230	4.33	5.70

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank South	0.0000	0.532	0.1	0.00	0.0174	1.38	0.0230	2.30	3.68
Dogger Bank Teesside A	0.0000	0.532	0.1	0.00	0.0174	0.92	0.0230	3.18	4.10
Dolphyn Project	0.0000	0.532	0.1	0.00	0.0053	0.00	0.0105	0.00	0.00
Dublin Array	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.532	0.1	0.00	0.0174	0.05	0.0230	0.06	0.12
East Anglia One	0.0000	0.532	0.1	0.00	0.0174	1.62	0.0230	0.69	2.31
East Anglia One North	0.0000	0.532	0.1	0.00	0.0174	0.10	0.0230	0.06	0.16
East Anglia Three	0.0000	0.532	0.1	0.00	0.0174	0.57	0.0230	0.45	1.02
East Anglia Two	0.0000	0.532	0.1	0.00	0.0174	0.07	0.0230	0.12	0.19
Erebus	0.0000	0.532	0.1	0.00	0.0053	0.12	0.0105	0.13	0.25
Five Estuaries	0.0000	0.532	0.1	0.00	0.0174	0.14	0.0230	0.28	0.42
Galloper	0.0000	0.532	0.1	0.00	0.0174	0.28	0.0230	0.47	0.75
Greater Gabbard	0.0000	0.532	0.1	0.00	0.0174	0.15	0.0230	0.17	0.32
Gunfleet Sands I	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Gunfleet Sands II	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Gwynt y Mor	0.0000	0.532	0.1	0.00	0.0053	0.06	0.0105	0.12	0.18
Green Volt	0.0110	0.532	0.1	0.00	0.0174	0.10	0.0230	0.08	0.19
Hornsea Four	0.0000	0.532	0.1	0.00	0.0174	0.18	0.0230	0.08	0.25
Hornsea Project One	0.0000	0.532	0.1	0.00	0.0174	0.10	0.0230	0.05	0.15

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Project Two	0.0000	0.532	0.1	0.00	0.0174	0.09	0.0230	0.04	0.13
Hornsea Three	0.0000	0.532	0.1	0.00	0.0174	0.49	0.0230	0.51	1.00
Humber Gateway	0.0000	0.532	0.1	0.00	0.0174	0.03	0.0230	0.03	0.06
Hywind	0.0230	0.532	0.1	0.00	0.0174	0.01	0.0230	0.01	0.02
Kentish Flats	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.01	0.02
Inch Cape Offshore Wind Farm	0.0010	0.532	0.1	0.00	0.0174	0.33	0.0230	0.10	0.43
Kentish Flats Extension	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.03	0.03
Kincardine	0.0010	0.532	0.1	0.00	0.0174	0.09	0.0230	0.04	0.13
Methil Demonstration	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.01	0.02
Lincs	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.01	0.02
Llŷr 1	0.0000	0.532	0.1	0.00	0.0053	0.11	0.0105	0.03	0.14
London Array	0.0000	0.532	0.1	0.00	0.0174	0.02	0.0230	0.03	0.05
Mona	0.0000	0.532	0.1	0.00	0.0053	0.04	0.0105	0.17	0.21
Moor Vannin	0.0000	0.532	0.1	0.00	0.0053	0.09	0.0105	0.27	0.36
Moray East	0.0040	0.532	0.1	0.00	0.0174	0.03	0.0230	0.08	0.11
Moray West	0.0030	0.532	0.1	0.00	0.0174	0.29	0.0230	0.12	0.41
Morecambe	0.0000	0.532	0.1	0.00	0.0053	0.05	0.0105	0.04	0.09
Morgan	0.0000	0.532	0.1	0.00	0.0053	0.10	0.0105	0.16	0.26
Muir Mhor	0.0040	0.532	0.1	0.11	0.0174	0.02	0.0230	0.19	0.32

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0000	0.532	0.1	0.00	0.0174	0.22	0.0230	0.03	0.25
Norfolk Boreas	0.0000	0.532	0.1	0.00	0.0174	0.41	0.0230	0.20	0.61
Norfolk Vanguard	0.0000	0.532	0.1	0.00	0.0174	0.21	0.0230	0.32	0.53
North Falls	0.0000	0.532	0.1	0.00	0.0174	0.06	0.0230	0.26	0.32
North Irish Sea Array	0.0000	0.532	0.1	0.00	0.0053	0.03	0.0105	0.09	0.13
Oriel	0.0000	0.532	0.1	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.532	0.1	0.00	0.0053	0.01	0.0105	0.01	0.01
Ossian	0.0000	0.532	0.1	0.00	0.0174	0.09	0.0230	0.14	0.24
Outer Dowsing	0.0000	0.532	0.1	0.00	0.0174	0.06	0.0230	0.32	0.38
Pentland Floating Offshore Wind Farm	0.0020	0.532	0.1	0.31	0.0053	0.00	0.0105	0.00	0.31
Race Bank	0.0000	0.532	0.1	0.00	0.0174	0.24	0.0230	0.08	0.32
Rampion	0.0000	0.532	0.1	0.00	0.0174	0.38	0.0230	0.44	0.81
Rhyl Flats	0.0000	0.532	0.1	0.00	0.0053	0.01	0.0105	0.01	0.02
Robin Rigg	0.0000	0.532	0.1	0.00	0.0053	0.01	0.0105	0.01	0.02
Rampion 2	0.0000	0.532	0.1	0.00	0.0174	0.17	0.0230	0.40	0.57
Salamander	0.0033	0.532	0.1	0.03	0.0174	0.00	0.0230	0.00	0.03
Seagreen Phase 1 Wind Farm	0.0033	0.532	0.1	0.00	0.0174	1.80	0.0230	1.30	3.10

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
Thanet	0.0000	0.532	0.1	0.00	0.0174	0.01	0.0230	0.01	0.01
Teesside	0.0000	0.532	0.1	0.00	0.0174	0.24	0.0230	0.04	0.28
Walney 1&2	0.0000	0.532	0.1	0.00	0.0053	0.02	0.0105	0.04	0.05
Triton Knoll	0.0000	0.532	0.1	0.00	0.0174	1.40	0.0230	0.67	2.07
West of Duddon Sands	0.0000	0.532	0.1	0.00	0.0053	0.02	0.0105	0.04	0.07
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.532	0.1	0.00	0.0053	0.02	0.0105	0.06	0.08
Walney Extension	0.0000	0.532	0.1	0.00	0.0053	0.33	0.0105	0.54	0.87
West of Orkney Offshore Wind Farm	0.0345	0.532	0.1	0.29	0.0053	0.09	0.0105	0.23	0.61
Westermest Rough	0.0000	0.532	0.1	0.00	0.0174	0.00	0.0230	0.00	0.00
White Cross	0.0000	0.532	0.1	0.00	0.0053	0.01	0.0105	0.13	0.14
Offshore Project	0.0148	0.3958	0.1	0.00	0.0053	0.04	0.0105	0.15	0.19
Total mortality (with Berwick Bank Offshore Wind Farm)				0.89	17.76		24.04		42.69
Total mortality (without Berwick Bank Offshore Wind Farm)				0.89	15.35		21.04		37.28

1.3.2 GANNET

Table 1-84 Gannet in-combination collision mortality

Project	Seasonal Collision Mortality		
	Breeding	Post-breeding	Pre-breeding
Aberdeen Offshore Wind Farm	2.94	1.08	0.03
Arklow Bank Phase 2	1.69	0.41	0.10
Awel y Mor	7.57	1.61	0.09
Barrow	0.42	0.07	0.03
Beatrice	26.18	35.69	7.98
Beatrice Demonstrator	0.72	0.19	0.17
Berwick Bank Offshore Wind Farm	109.73	12.89	2.10
Blyth Demonstration Project (Phase 1)	2.21	0.59	0.52
Buchan Offshore Wind Farm	2.98	0.16	6.30
Burbo Bank	0.00	0.02	0.02
Burbo Bank Extension	12.06	0.05	0.04
Caledonia Offshore Wind Farm	12.35	3.07	0.34
Cenos	17.15	1.78	0.84
Codling Wind Park	0.40	0.08	0.07
Dogger Bank Creyke Beck A and B	3.68	1.49	0.87
Dogger Bank South	4.57	1.53	0.77
Dogger Bank Teesside A and B	9.28	2.38	2.33
Dublin Array	2.34	0.15	0.19
Dudgeon	14.46	8.12	4.28
Dudgeon Extension	0.10	0.12	0.02
East Anglia One	1.86	28.52	0.53
East Anglia One North	5.66	2.49	0.95

Project	Seasonal Collision Mortality		
	Breeding	Post-breeding	Pre-breeding
East Anglia Three	2.42	8.99	0.57
East Anglia Two	5.61	6.27	0.37
Erebus	3.04	0.19	0.26
Five Estuaries	0.01	0.01	0.00
Galloper	8.33	6.65	2.58
Greater Gabbard	6.96	1.89	1.80
Green Volt	14.90	0.76	0.57
Gwynt y Mor	5.29	0.33	0.28
Hornsea Project One	1.42	1.66	1.15
Hornsea Project Two	4.71	3.24	1.01
Hornsea Three	5.21	2.13	0.34
Hornsea Four	8.32	1.43	0.39
Humber Gateway	1.01	0.27	0.24
Hywind	3.92	0.50	0.44
Inch Cape Offshore Wind Farm	75.60	2.92	2.53
Kentish Flats	0.00	0.00	0.00
Kentish Flats Extension	0.06	0.06	0.05
Kincardine	2.10	1.66	0.11
Lynn and Inner Dowsing	0.14	0.04	0.03
Lincs	1.30	0.35	0.30
London Array	1.97	0.52	0.05
Methil Demonstration	0.63	0.17	0.15
Llŷr 1	2.12	0.49	0.27
Mona	0.77	0.56	0.34
Moor Vannin	11.30	1.44	0.15
Moray East	56.42	2.74	1.52

Project	Seasonal Collision Mortality		
	Breeding	Post-breeding	Pre-breeding
Moray West	6.86	1.35	0.13
Morecambe	3.73	0.14	0.02
Morgan	0.94	0.31	0.15
Muir Mhor	9.73	1.66	0.25
Neart na Gaoithe Offshore Wind Farm	62.30	5.64	3.38
Norfolk Boreas	7.62	3.43	0.23
Norfolk Vanguard	3.61	4.86	0.25
North Falls	0.41	0.30	0.20
North Hoyle	0.52	0.08	0.05
North Irish Sea Array	1.42	0.94	0.12
Oriel	4.60	1.27	0.40
Ormonde	3.99	2.75	0.51
Ossian	28.58	1.83	0.74
Outer Dowsing	0.52	0.09	0.08
Pentland Floating Offshore Wind Farm	1.40	0.21	0.00
Race Bank	23.58	2.47	0.86
Rampion	24.11	13.61	0.50
Rampion 2	2.44	0.53	0.24
Rhyl Flats	0.65	0.11	0.18
Robin Rigg	0.51	0.08	0.04
Salamander	6.50	0.61	0.00
Seagreen Alpha and Bravo	200.60	10.52	8.62
Sheringham Shoal	9.88	0.73	0.00
Sheringham Shoal Extension	0.02	0.02	0.00
Teesside	3.37	0.36	0.02
Thanet	0.65	0.04	0.00

Project	Seasonal Collision Mortality		
	Breeding	Post-breeding	Pre-breeding
Triton Knoll	11.76	14.94	7.06
Twinhub (Wave Hub Floating Wind Farm)	10.34	10.59	7.00
Walney 1&2	1.37	0.09	0.07
Walney Extension	8.34	4.37	0.98
West of Duddon Sands	1.42	0.09	0.07
Westermest Rough	0.08	0.02	0.02
West of Orkney Offshore Wind Farm	35.30	4.62	1.55
White Cross	0.66	0.51	0.25
Offshore Project	19.73	2.65	0.94

Ailsa Craig SPA

Table 1-85 Gannet in-combination collision mortality apportioned to Ailsa Craig SPA (NatureScot/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0730	0.552	0.10	0.11	0.0000	0.00	0.0000	0.00	0.11
Arklow Bank Phase 2	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.4620	0.552	0.10	1.74	0.0994	0.16	0.0820	0.01	1.91
Barrow	0.5680	0.552	0.10	0.12	0.0994	0.01	0.0820	0.00	0.13
Beatrice	0.0960	0.552	0.10	1.25	0.0000	0.00	0.0000	0.00	1.25

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Beatrice Demonstrator	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0300	0.552	0.10	1.64	0.0000	0.00	0.0000	0.00	1.64
Blyth Demonstration Project (Phase 1)	0.1190	0.552	0.10	0.13	0.0000	0.00	0.0000	0.00	0.13
Buchan Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Burbo Bank	0.0000	0.552	0.10	0.00	0.0994	0.00	0.0820	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.10	0.00	0.0994	0.00	0.0820	0.00	0.01
Caledonia Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Cenos	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Codling Wind Park	0.0748	0.552	0.10	0.01	0.0000	0.00	0.0000	0.00	0.01
Dogger Bank Creyke Beck A and B	0.1210	0.552	0.10	0.22	0.0000	0.00	0.0000	0.00	0.22
Dogger Bank South	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Teesside A and B	0.1500	0.552	0.10	0.69	0.0000	0.00	0.0000	0.00	0.69
Dublin Array	0.1640	0.552	0.10	0.19	0.0000	0.00	0.0000	0.00	0.19
Dudgeon	0.1260	0.552	0.10	0.91	0.0000	0.00	0.0000	0.00	0.91
Dudgeon Extension	0.1170	0.552	0.10	0.01	0.0000	0.00	0.0000	0.00	0.01
East Anglia One	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia One North	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Erebus	0.0000	0.552	0.10	0.00	0.0994	0.02	0.0820	0.02	0.04
Five Estuaries	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Green Volt	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Gwynt y Mor	0.4620	0.552	0.10	1.22	0.0994	0.03	0.0820	0.02	1.27
Hornsea Project One	0.1170	0.552	0.10	0.08	0.0000	0.00	0.0000	0.00	0.08
Hornsea Project Two	0.1070	0.552	0.10	0.25	0.0000	0.00	0.0000	0.00	0.25
Hornsea Three	0.1340	0.552	0.10	0.35	0.0000	0.00	0.0000	0.00	0.35
Hornsea Four	0.0630	0.552	0.10	0.26	0.0000	0.00	0.0000	0.00	0.26
Humber Gateway	0.0470	0.552	0.10	0.02	0.0000	0.00	0.0000	0.00	0.02

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hywind	0.0840	0.552	0.10	0.16	0.0000	0.00	0.0000	0.00	0.16
Inch Cape Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Kentish Flats	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Kentish Flats Extension	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Kincardine	0.0580	0.552	0.10	0.06	0.0000	0.00	0.0000	0.00	0.06
Lynn and Inner Dowsing	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Lincs	0.1100	0.552	0.10	0.07	0.0000	0.00	0.0000	0.00	0.07
London Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0050	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Llŷr 1	0.0070	0.552	0.10	0.01	0.0994	0.05	0.0820	0.02	0.08
Mona	0.5620	0.552	0.10	0.21	0.0994	0.06	0.0820	0.03	0.30
Moor Vannin	0.7980	0.552	0.10	4.48	0.0994	0.14	0.0820	0.01	4.64
Moray East	0.0980	0.552	0.10	2.75	0.0000	0.00	0.0000	0.00	2.75
Moray West	0.1040	0.552	0.10	0.35	0.0000	0.00	0.0000	0.00	0.35
Morecambe	0.5078	0.552	0.10	0.94	0.0994	0.01	0.0820	0.00	0.96
Morgan	0.5680	0.552	0.10	0.26	0.0994	0.03	0.0820	0.01	0.31
Muir Mhor	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Neart na Gaoithe Offshore Wind Farm	0.0020	0.552	0.10	0.06	0.0000	0.00	0.0000	0.00	0.06
Norfolk Boreas	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
North Hoyle	0.4620	0.552	0.10	0.12	0.0994	0.01	0.0820	0.00	0.13
North Irish Sea Array	0.2110	0.552	0.10	0.15	0.0000	0.00	0.0000	0.00	0.15
Oriel	0.4600	0.552	0.10	1.05	0.0000	0.00	0.0000	0.00	1.05
Ormonde	0.5680	0.552	0.10	1.13	0.0994	0.27	0.0820	0.04	1.44
Ossian	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Outer Dowsing	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0052	0.552	0.10	0.00	0.0994	0.02	0.0820	0.00	0.02
Race Bank	0.1060	0.552	0.10	1.24	0.0000	0.00	0.0000	0.00	1.24
Rampion	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Rhyl Flats	0.4620	0.552	0.10	0.15	0.0994	0.01	0.0820	0.01	0.18
Robin Rigg	0.5680	0.552	0.10	0.14	0.0994	0.01	0.0820	0.00	0.16
Salamander	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Seagreen Alpha and Bravo	0.0220	0.552	0.10	2.19	0.0000	0.00	0.0000	0.00	2.19

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Sheringham Shoal	0.1310	0.552	0.10	0.64	0.0000	0.00	0.0000	0.00	0.64
Sheringham Shoal Extension	0.1170	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Teesside	0.0990	0.552	0.10	0.17	0.0000	0.00	0.0000	0.00	0.17
Thanet	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Triton Knoll	0.0810	0.552	0.10	0.47	0.0000	0.00	0.0000	0.00	0.47
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.10	0.00	0.0994	1.05	0.0820	0.57	1.63
Walney 1&2	0.5680	0.552	0.10	0.39	0.0994	0.01	0.0820	0.01	0.40
Walney Extension	0.5680	0.552	0.10	2.36	0.0994	0.43	0.0820	0.08	2.87
West of Duddon Sands	0.5680	0.552	0.10	0.40	0.0994	0.01	0.0820	0.01	0.42
Westermest Rough	0.0210	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0994	0.46	0.0820	0.13	0.59
White Cross	0.0000	0.552	0.10	0.00	0.0994	0.05	0.0820	0.02	0.07
Offshore Project	0.0298	0.946	0.10	0.50	0.0994	0.26	0.0820	0.08	0.84
Total mortality (with Berwick Bank Offshore Wind Farm)				29.38	3.12		1.09		33.88
Total mortality (without Berwick Bank Offshore Wind Farm)				28.04	3.12		1.09		32.24

Forth Islands SPA

Table 1-86 Gannet in-combination collision mortality apportioned to Forth Islands SPA (NatureScot/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.8070	0.552	0.10	1.20	0.2432	0.14	0.3127	0.01	1.35
Arklow Bank Phase 2	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.00	0.00
Barrow	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.00	0.00
Beatrice	0.4270	0.552	0.10	0.00	0.2432	1.33	0.3127	0.59	1.92
Beatrice Demonstrator	0.0000	0.552	0.10	0.00	0.2432	0.05	0.3127	0.05	0.10
Berwick Bank Offshore Wind Farm	0.9380	0.552	0.10	(106.80)*	0.2432	(0.99)*	0.3127	(0.22)*	(108.01)*
Blyth Demonstration Project (Phase 1)	0.7190	0.552	0.10	2.50	0.2432	0.08	0.3127	0.11	2.69
Buchan Offshore Wind Farm	0.3540	0.552	0.10	0.52	0.2432	0.04	0.3127	1.97	2.53
Burbo Bank	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Burbo Bank Extension	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.00	0.00
Caledonia Offshore Wind Farm	0.4080	0.552	0.10	2.50	0.2432	0.11	0.3127	0.03	2.64
Cenos	0.0000	0.552	0.10	12.10	0.2432	0.18	0.3127	0.13	12.41
Codling Wind Park	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A and B	0.4370	0.552	0.10	5.70	0.2432	3.08	0.3127	2.12	10.90
Dogger Bank South	0.0000	0.552	0.10	0.00	0.2432	0.94	0.3127	0.12	1.06
Dogger Bank Teesside A and B	0.5400	0.552	0.10	1.00	0.2432	0.37	0.3127	0.42	1.79
Dublin Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.3080	0.552	0.10	2.21	0.2432	1.36	0.3127	0.74	4.31
Dudgeon Extension	0.2870	0.552	0.10	0.01	0.2432	0.03	0.3127	0.01	0.05
East Anglia One	0.0000	0.552	0.10	0.00	0.2432	4.57	0.3127	0.24	4.81
East Anglia One North	0.0000	0.552	0.10	0.00	0.2432	0.57	0.3127	0.05	0.62
East Anglia Three	0.5470	0.552	0.10	0.66	0.2432	0.99	0.3127	0.32	1.97
East Anglia Two	0.0000	0.552	0.10	0.00	0.2432	1.20	0.3127	0.18	1.38
Erebus	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.01	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Five Estuaries	0.0000	0.552	0.10	0.00	0.2432	0.54	0.3127	0.06	0.60
Galloper	0.0000	0.552	0.10	0.00	0.2432	1.08	0.3127	0.48	1.56
Greater Gabbard	0.0000	0.552	0.10	0.00	0.2432	0.31	0.3127	0.18	0.49
Green Volt	0.5500	0.552	0.10	(5.10)*	0.2432	(0.03)*	0.3127	(0.24)*	(5.37)*
Gwynt y Mor	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.01	0.01
Hornsea Project One	0.3300	0.552	0.10	0.23	0.2432	0.25	0.3127	0.20	0.68
Hornsea Project Two	0.3090	0.552	0.10	0.72	0.2432	0.49	0.3127	0.23	1.44
Hornsea Three	0.3840	0.552	0.10	1.00	0.2432	0.24	0.3127	0.22	1.46
Hornsea Four	0.1890	0.552	0.10	0.00	0.2432	0.27	0.3127	0.06	0.33
Humber Gateway	0.1170	0.552	0.10	0.06	0.2432	0.04	0.3127	0.06	0.16
Hywind	0.4250	0.552	0.10	2.80	0.2432	0.02	0.3127	0.05	2.87
Inch Cape Offshore Wind Farm	0.9960	0.552	0.10	68.40	0.2432	0.20	0.3127	0.30	68.90
Kentish Flats	0.0000	0.552	0.10	0.00	0.2432	0.13	0.3127	0.19	0.32
Kentish Flats Extension	0.0000	0.552	0.10	0.00	0.2432	0.01	0.3127	0.02	0.03
Kincardine	0.8610	0.552	0.10	1.40	0.2432	0.00	0.3127	0.00	1.40
Lynn and Inner Dowsing	0.0000	0.552	0.10	0.00	0.2432	0.02	0.3127	0.01	0.03
Lincs	0.2530	0.552	0.10	0.16	0.2432	0.15	0.3127	0.30	0.61
London Array	0.0000	0.552	0.10	0.00	0.2432	0.16	0.3127	0.32	0.48

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.9930	0.552	0.10	5.80	0.2432	0.00	0.3127	0.00	5.80
Llŷr 1	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.01	0.01
Mona	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.02	0.02
Moor Vannin	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.01	0.01
Moray East	0.4580	0.552	0.10	0.00	0.2432	0.97	0.3127	0.55	1.52
Moray West	0.4670	0.552	0.10	0.00	0.2432	0.06	0.3127	0.05	0.11
Morecambe	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.00	0.00
Morgan	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.01	0.01
Muir Mhor	0.6210	0.552	0.10	2.90	0.2432	0.13	0.3127	0.05	3.08
Neart na Gaoithe Offshore Wind Farm	0.9960	0.552	0.10	64.70	0.2432	0.28	0.3127	0.52	65.50
Norfolk Boreas	0.5280	0.552	0.10	2.00	0.2432	0.66	0.3127	0.17	2.83
Norfolk Vanguard	0.5010	0.552	0.10	0.90	0.2432	0.97	0.3127	0.23	2.10
North Falls	0.0000	0.552	0.10	0.00	0.2432	0.21	0.3127	0.14	0.35
North Hoyle	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.03	0.03
Ossian	0.0000	0.552	0.10	19.90	0.2432	0.21	0.3127	0.02	20.13
Outer Dowsing	0.0000	0.552	0.10	0.00	0.2432	0.10	0.3127	0.03	0.13

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.1680	0.552	0.10	0.10	0.0000	0.00	0.0503	0.00	0.10
Race Bank	0.2520	0.552	0.10	2.95	0.2432	0.41	0.3127	0.16	3.52
Rampion	0.0000	0.552	0.10	0.00	0.2432	2.21	0.3127	0.08	2.29
Rampion 2	0.0000	0.552	0.10	0.00	0.2432	0.34	0.3127	0.12	0.46
Rhyl Flats	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.01	0.01
Robin Rigg	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.00	0.00
Salamander	0.4587	0.552	0.10	(0.20)*	0.2432	(0.11)*	0.3127	(0.05)*	(0.36)*
Seagreen Alpha and Bravo	0.9540	0.552	0.10	181.20	0.2432	0.57	0.3127	1.20	182.97
Sheringham Shoal	0.3070	0.552	0.10	1.51	0.2432	0.56	0.3127	0.00	2.07
Sheringham Shoal Extension	0.2870	0.552	0.10	0.00	0.2432	0.01	0.3127	0.00	0.01
Teesside	0.3570	0.552	0.10	0.60	0.2432	0.06	0.3127	0.00	0.66
Thanet	0.0000	0.552	0.10	0.00	0.2432	0.00	0.3127	0.00	0.00
Triton Knoll	0.2030	0.552	0.10	1.19	0.2432	2.25	0.3127	1.17	4.61
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.35	0.35
Walney 1&2	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.00	0.00
Walney Extension	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.05	0.05
West of Duddon Sands	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Westermost Rough	0.0540	0.552	0.10	0.00	0.2432	0.00	0.3127	0.01	0.01
West of Orkney Offshore Wind Farm	0.0000	0.552	0.10	(0.00)*	0.0000	(0.43)*	0.0503	(0.20)*	(0.63)*
White Cross	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0503	0.01	0.01
Offshore Project	0.0341	0.946	0.10	0.57	0.0000	0.00	0.0503	0.05	0.62
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm, Green Volt, Salamander and West of Orkney Offshore Wind Farm)				387.51	28.94		14.86		431.31

* Impacts are required to be compensated and not included in 'Total Mortality'

Grassholm SPA

Table 1-87 Gannet in-combination collision mortality apportioned to Grassholm SPA (NatureScot/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Arklow Bank Phase 2	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Awel y Mor	0.3670	0.552	0.10	1.38	0.1439	0.23	0.1187	0.01	1.62
Barrow	0.2160	0.552	0.10	0.04	0.1439	0.01	0.1187	0.00	0.06
Beatrice	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Beatrice Demonstrator	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Burbo Bank	0.3450	0.552	0.10	0.00	0.1439	0.00	0.1187	0.00	0.01
Burbo Bank Extension	0.3450	0.552	0.10	2.07	0.1439	0.01	0.1187	0.00	2.08
Caledonia Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Cenos	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Codling Wind Park	0.2474	0.552	0.10	0.05	0.0000	0.00	0.0000	0.00	0.05

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Creyke Beck A and B	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank South	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Teesside A and B	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dublin Array	0.2640	0.552	0.10	0.31	0.0000	0.00	0.0000	0.00	0.31
Dudgeon	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon Extension	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia One North	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia Three	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
East Anglia Two	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Erebus	0.9950	0.552	0.10	1.50	0.1439	0.03	0.1187	0.03	1.56
Five Estuaries	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Greater Gabbard	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Green Volt	0.0100	0.552	0.10	0.07	0.0000	0.00	0.0000	0.00	0.07
Gwynt y Mor	0.3670	0.552	0.10	0.97	0.1439	0.05	0.1187	0.03	1.05
Hornsea Project One	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Project Two	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Hornsea Three	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Hornsea Four	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Humber Gateway	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Hywind	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Inch Cape Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Kentish Flats	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Kentish Flats Extension	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Kincardine	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Lynn and Inner Dowsing	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
London Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Methil Demonstration	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Llŷr 1	0.9690	0.552	0.10	1.02	0.1439	0.07	0.1187	0.03	1.13
Mona	0.1760	0.552	0.10	0.07	0.1439	0.08	0.1187	0.04	0.19
Mooir Vannin	0.0810	0.552	0.10	0.45	0.1439	0.21	0.1187	0.02	0.68
Moray East	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Moray West	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Morecambe	0.3140	0.552	0.10	0.58	0.1439	0.02	0.1187	0.00	0.60
Morgan	0.2160	0.552	0.10	0.10	0.1439	0.04	0.1187	0.02	0.16
Muir Mhor	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Norfolk Boreas	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Norfolk Vanguard	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
North Falls	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
North Hoyle	0.3450	0.552	0.10	0.09	0.1439	0.01	0.1187	0.01	0.11
North Irish Sea Array	0.1270	0.552	0.10	0.09	0.0000	0.00	0.0000	0.00	0.09
Oriel	0.2400	0.552	0.10	0.55	0.0000	0.00	0.0000	0.00	0.55
Ormonde	0.2160	0.552	0.10	0.43	0.1439	0.40	0.1187	0.06	0.88
Ossian	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Outer Dowsing	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.1439	0.03	0.1187	0.00	0.03
Race Bank	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Rampion	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Rampion 2	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Rhyl Flats	0.3450	0.552	0.10	0.11	0.1439	0.02	0.1187	0.02	0.15
Robin Rigg	0.2160	0.552	0.10	0.05	0.1439	0.01	0.1187	0.00	0.07

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Salamander	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Seagreen Alpha and Bravo	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Sheringham Shoal	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Sheringham Shoal Extension	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Teesside	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Triton Knoll	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Twinhub (Wave Hub Floating Wind Farm)	1.0000	0.552	0.10	5.14	0.1439	1.52	0.1187	0.83	7.50
Walney 1&2	0.2160	0.552	0.10	0.15	0.1439	0.01	0.1187	0.01	0.17
Walney Extension	0.2160	0.552	0.10	0.90	0.1439	0.63	0.1187	0.12	1.64
West of Duddon Sands	0.2160	0.552	0.10	0.15	0.1439	0.01	0.1187	0.01	0.17
Westermest Rough	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.1439	0.66	0.1187	0.18	0.85
White Cross	0.5210	0.552	0.10	0.17	0.1439	0.07	0.1187	0.03	0.27
Offshore Project	0.0000	0.946	0.10	0.00	0.1439	0.38	0.1187	0.11	0.49

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Total mortality				16.45	4.51		1.58		22.54

Hermaness, Saxa Vord and Valla Field SPA

Table 1-88 Gannet in-combination collision mortality apportioned to Hermaness, Saxa Vord and Valla Field SPA (NatureScot/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0170	0.552	0.10	0.02	0.0854	0.06	0.1373	0.00	0.08
Arklow Bank Phase 2	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.10	0.00	0.0178	0.03	0.0221	0.00	0.03
Barrow	0.0000	0.552	0.10	0.00	0.0178	0.00	0.0221	0.00	0.00
Beatrice	0.0600	0.552	0.10	0.78	0.0854	0.61	0.1373	0.14	1.53
Beatrice Demonstrator	0.0000	0.552	0.10	0.00	0.0854	0.02	0.1373	0.02	0.04
Berwick Bank Offshore Wind Farm	0.0030	0.552	0.10	(0.60)*	0.0854	(0.27)*	0.1373	(0.05)*	(0.92)*

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.10	0.00	0.0854	0.02	0.1373	0.07	0.09
Buchan Offshore Wind Farm	0.0710	0.552	0.10	0.11	0.0854	0.01	0.1373	0.86	0.98
Burbo Bank	0.0000	0.552	0.10	0.00	0.0178	0.00	0.0221	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.10	0.00	0.0178	0.00	0.0221	0.00	0.00
Caledonia Offshore Wind Farm	0.0330	0.552	0.10	0.20	0.0854	0.05	0.1373	0.01	0.26
Cenos	0.0000	0.552	0.10	0.90	0.0854	0.08	0.1373	0.03	1.01
Codling Wind Park	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A and B	0.0000	0.552	0.10	0.00	0.0854	0.83	0.1373	1.33	2.16
Dogger Bank South	0.0000	0.552	0.10	0.00	0.0854	0.25	0.1373	0.07	0.32
Dogger Bank Teesside A and B	0.0000	0.552	0.10	0.00	0.0854	0.10	0.1373	0.26	0.36
Dublin Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.10	0.00	0.0854	0.37	0.1373	0.47	0.84

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dudgeon Extension	0.0000	0.552	0.10	0.00	0.0854	0.01	0.1373	0.00	0.01
East Anglia One	0.0000	0.552	0.10	0.00	0.0854	1.23	0.1373	0.15	1.38
East Anglia One North	0.0000	0.552	0.10	0.00	0.0854	0.15	0.1373	0.03	0.18
East Anglia Three	0.0000	0.552	0.10	0.00	0.0854	0.27	0.1373	0.20	0.47
East Anglia Two	0.0000	0.552	0.10	0.00	0.0854	0.32	0.1373	0.11	0.43
Erebus	0.0000	0.552	0.10	0.00	0.0178	0.00	0.0221	0.01	0.01
Five Estuaries	0.0000	0.552	0.10	0.00	0.0854	0.15	0.1373	0.04	0.19
Galloper	0.0000	0.552	0.10	0.00	0.0854	0.29	0.1373	0.31	0.60
Greater Gabbard	0.0000	0.552	0.10	0.00	0.0854	0.08	0.1373	0.12	0.20
Green Volt	0.0500	0.552	0.10	0.50	0.0854	0.02	0.1373	0.06	0.58
Gwynt y Mor	0.0000	0.552	0.10	0.00	0.0178	0.01	0.0221	0.01	0.01
Hornsea Project One	0.0000	0.552	0.10	0.00	0.0854	0.07	0.1373	0.13	0.20
Hornsea Project Two	0.0000	0.552	0.10	0.00	0.0854	0.13	0.1373	0.15	0.28
Hornsea Three	0.0000	0.552	0.10	0.00	0.0854	0.06	0.1373	0.14	0.20
Hornsea Four	0.0000	0.552	0.10	0.00	0.0854	0.07	0.1373	0.04	0.11
Humber Gateway	0.0000	0.552	0.10	0.00	0.0854	0.01	0.1373	0.04	0.05
Hywind	0.1010	0.552	0.10	0.20	0.0854	0.01	0.1373	0.01	0.22
Inch Cape Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0854	0.09	0.1373	0.07	0.16

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kentish Flats	0.0000	0.552	0.10	0.00	0.0854	0.03	0.1373	0.12	0.15
Kentish Flats Extension	0.0000	0.552	0.10	0.00	0.0854	0.00	0.1373	0.01	0.01
Kincardine	0.0110	0.552	0.10	0.01	0.0854	0.00	0.1373	0.00	0.01
Lynn and Inner Dowsing	0.0000	0.552	0.10	0.00	0.0854	0.00	0.1373	0.00	0.00
Lincs	0.0000	0.552	0.10	0.00	0.0854	0.04	0.1373	0.19	0.23
London Array	0.0000	0.552	0.10	0.00	0.0854	0.04	0.1373	0.20	0.24
Methil Demonstration	0.0000	0.552	0.10	0.00	0.0854	0.00	0.1373	0.00	0.00
Llŷr 1	0.0000	0.552	0.10	0.00	0.0178	0.01	0.0221	0.01	0.01
Mona	0.0000	0.552	0.10	0.00	0.0178	0.01	0.0221	0.01	0.02
Moor Vannin	0.0000	0.552	0.10	0.00	0.0178	0.03	0.0221	0.00	0.03
Moray East	0.0590	0.552	0.10	1.66	0.0854	0.44	0.1373	0.13	2.23
Moray West	0.0520	0.552	0.10	0.18	0.0854	0.03	0.1373	0.01	0.22
Morecambe	0.0000	0.552	0.10	0.00	0.0178	0.00	0.0221	0.00	0.00
Morgan	0.0000	0.552	0.10	0.00	0.0178	0.01	0.0221	0.00	0.01
Muir Mhor	0.0500	0.552	0.10	0.20	0.0854	0.06	0.1373	0.01	0.27
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0854	0.13	0.1373	0.12	0.25
Norfolk Boreas	0.0000	0.552	0.10	0.00	0.0854	0.18	0.1373	0.11	0.29
Norfolk Vanguard	0.0000	0.552	0.10	0.00	0.0854	0.26	0.1373	0.15	0.41
North Falls	0.0000	0.552	0.10	0.00	0.0854	0.06	0.1373	0.03	0.09

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
North Hoyle	0.0000	0.552	0.10	0.00	0.0178	0.00	0.0221	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.10	0.00	0.0178	0.05	0.0221	0.01	0.06
Ossian	0.0000	0.552	0.10	0.70	0.0854	0.09	0.1373	0.01	0.80
Outer Dowsing	0.0000	0.552	0.10	0.00	0.0854	0.01	0.1373	0.02	0.03
Pentland Floating Offshore Wind Farm	0.0410	0.552	0.10	0.00	0.0178	0.00	0.0221	0.00	0.00
Race Bank	0.0000	0.552	0.10	0.00	0.0854	0.11	0.1373	0.10	0.21
Rampion	0.0000	0.552	0.10	0.00	0.0854	0.60	0.1373	0.05	0.65
Rampion 2	0.0000	0.552	0.10	0.00	0.0854	0.09	0.1373	0.08	0.17
Rhyl Flats	0.0000	0.552	0.10	0.00	0.0178	0.00	0.0221	0.00	0.01
Robin Rigg	0.0000	0.552	0.10	0.00	0.0178	0.00	0.0221	0.00	0.00
Salamander	0.0441	0.552	0.10	0.60	0.0854	0.05	0.1373	0.01	0.66
Seagreen Alpha and Bravo	0.0030	0.552	0.10	0.30	0.0854	0.26	0.1373	0.28	0.84
Sheringham Shoal	0.0000	0.552	0.10	0.00	0.0854	0.15	0.1373	0.00	0.15
Sheringham Shoal Extension	0.0000	0.552	0.10	0.00	0.0854	0.00	0.1373	0.00	0.00
Teesside	0.0000	0.552	0.10	0.00	0.0854	0.02	0.1373	0.00	0.02
Thanet	0.0000	0.552	0.10	0.00	0.0854	0.00	0.1373	0.00	0.00
Triton Knoll	0.0000	0.552	0.10	0.00	0.0854	0.61	0.1373	0.74	1.35

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.10	0.00	0.0178	0.19	0.0221	0.15	0.34
Walney 1&2	0.0000	0.552	0.10	0.00	0.0178	0.00	0.0221	0.00	0.00
Walney Extension	0.0000	0.552	0.10	0.00	0.0178	0.08	0.0221	0.02	0.10
West of Duddon Sands	0.0000	0.552	0.10	0.00	0.0178	0.00	0.0221	0.00	0.00
Westermest Rough	0.0000	0.552	0.10	0.00	0.0854	0.00	0.1373	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.552	0.10	(0.00)*	0.0178	(0.20)*	0.0221	(0.05)*	(0.25)*
White Cross	0.0000	0.552	0.10	0.00	0.0178	0.01	0.0221	0.01	0.01
Offshore Project	0.0179	0.946	0.10	0.30	0.0178	0.05	0.0221	0.02	0.37
Total mortality (compensated birds removed for Berwick Bank Offshore Wind Farm and West of Orkney Offshore Wind Farm)				6.65	9.03		7.43		22.01
* Impacts are required to be compensated and not included in 'Total Mortality'									

North Rona and Sula Sgeir SPA

Table 1-89 Gannet in-combination collision mortality apportioned to North Rona and Sula Sgeir SPA (NatureScot/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0130	0.552	0.10	0.02	0.0040	0.01	0.0000	0.00	0.03
Arklow Bank Phase 2	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.10	0.00	0.0304	0.05	0.0279	0.00	0.05
Barrow	0.0000	0.552	0.10	0.00	0.0304	0.00	0.0279	0.00	0.00
Beatrice	0.0680	0.552	0.10	0.89	0.0040	0.05	0.0000	0.00	0.94
Beatrice Demonstrator	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0020	0.552	0.10	0.00	0.0040	0.02	0.0000	0.00	0.02
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
Buchan Offshore Wind Farm	0.0320	0.552	0.10	0.05	0.0040	0.00	0.0000	0.00	0.05
Burbo Bank	0.0000	0.552	0.10	0.00	0.0304	0.00	0.0279	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.10	0.00	0.0304	0.00	0.0279	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0450	0.552	0.10	0.30	0.0040	0.00	0.0000	0.00	0.30
Cenos	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01
Codling Wind Park	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A and B	0.0000	0.552	0.10	0.00	0.0040	0.07	0.0000	0.00	0.07
Dogger Bank South	0.0000	0.552	0.10	0.00	0.0040	0.02	0.0000	0.00	0.02
Dogger Bank Teesside A and B	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01
Dublin Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.10	0.00	0.0040	0.03	0.0000	0.00	0.03
Dudgeon Extension	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.552	0.10	0.00	0.0040	0.11	0.0000	0.00	0.11
East Anglia One North	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01
East Anglia Three	0.0000	0.552	0.10	0.00	0.0040	0.02	0.0000	0.00	0.02
East Anglia Two	0.0000	0.552	0.10	0.00	0.0040	0.03	0.0000	0.00	0.03
Erebus	0.0000	0.552	0.10	0.00	0.0304	0.01	0.0279	0.01	0.01
Five Estuaries	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Galloper	0.0000	0.552	0.10	0.00	0.0040	0.03	0.0000	0.00	0.03
Greater Gabbard	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01
Green Volt	0.0200	0.552	0.10	0.20	0.0040	0.00	0.0000	0.00	0.20
Gwynt y Mor	0.0000	0.552	0.10	0.00	0.0304	0.01	0.0279	0.01	0.02
Hornsea Project One	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01
Hornsea Project Two	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01
Hornsea Three	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01
Hornsea Four	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01
Humber Gateway	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
Hywind	0.0400	0.552	0.10	0.08	0.0040	0.00	0.0000	0.00	0.08
Inch Cape Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01
Kentish Flats	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
Kentish Flats Extension	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
Kincardine	0.0080	0.552	0.10	0.01	0.0040	0.00	0.0000	0.00	0.01
Lynn and Inner Dowsing	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
London Array	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.552	0.10	0.00	0.0304	0.01	0.0279	0.01	0.02
Mona	0.0000	0.552	0.10	0.00	0.0304	0.02	0.0279	0.01	0.03
Moor Vannin	0.0000	0.552	0.10	0.00	0.0304	0.04	0.0279	0.00	0.05
Moray East	0.0610	0.552	0.10	1.71	0.0040	0.04	0.0000	0.00	1.75
Moray West	0.0630	0.552	0.10	0.21	0.0040	0.00	0.0000	0.00	0.21
Morecambe	0.0000	0.552	0.10	0.00	0.0304	0.00	0.0279	0.00	0.00
Morgan	0.0000	0.552	0.10	0.00	0.0304	0.01	0.0279	0.00	0.01
Muir Mhor	0.0180	0.552	0.10	0.10	0.0040	0.01	0.0000	0.00	0.11
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01
Norfolk Boreas	0.0000	0.552	0.10	0.00	0.0040	0.02	0.0000	0.00	0.02
Norfolk Vanguard	0.0000	0.552	0.10	0.00	0.0040	0.02	0.0000	0.00	0.02
North Falls	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01
North Hoyle	0.0000	0.552	0.10	0.00	0.0304	0.00	0.0279	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.10	0.00	0.0304	0.08	0.0279	0.01	0.10
Ossian	0.0000	0.552	0.10	0.30	0.0040	0.01	0.0000	0.00	0.31
Outer Dowsing	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.1110	0.552	0.10	0.10	0.0304	0.00	0.0279	0.00	0.10
Race Bank	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01
Rampion	0.0000	0.552	0.10	0.00	0.0040	0.05	0.0000	0.00	0.05
Rampion 2	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
Rhyl Flats	0.0000	0.552	0.10	0.00	0.0304	0.00	0.0279	0.00	0.01
Robin Rigg	0.0000	0.552	0.10	0.00	0.0304	0.00	0.0279	0.00	0.00
Salamander	0.0210	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
Seagreen Alpha and Bravo	0.0020	0.552	0.10	0.20	0.0040	0.02	0.0000	0.00	0.22
Sheringham Shoal	0.0000	0.552	0.10	0.00	0.0040	0.01	0.0000	0.00	0.01
Sheringham Shoal Extension	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
Teesside	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
Triton Knoll	0.0000	0.552	0.10	0.00	0.0040	0.05	0.0000	0.00	0.05
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.10	0.00	0.0304	0.32	0.0279	0.20	0.52
Walney 1&2	0.0000	0.552	0.10	0.00	0.0304	0.00	0.0279	0.00	0.00
Walney Extension	0.0000	0.552	0.10	0.00	0.0304	0.13	0.0279	0.03	0.16

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Duddon Sands	0.0000	0.552	0.10	0.00	0.0304	0.00	0.0279	0.00	0.00
Westermest Rough	0.0000	0.552	0.10	0.00	0.0040	0.00	0.0000	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0304	0.02	0.0279	0.00	0.02
White Cross	0.0000	0.552	0.10	0.00	0.0304	0.02	0.0279	0.01	0.02
Offshore Project	0.1835	0.946	0.10	3.08	0.0304	0.08	0.0279	0.03	3.19
Total mortality (with Berwick Bank Offshore Wind Farm)				7.25	1.58		0.33		9.16
Total mortality (without Berwick Bank Offshore Wind Farm)				7.25	1.56		0.33		9.14

Noss SPA

Table 1-90 Gannet in-combination collision mortality apportioned to Noss SPA (NatureScot/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0120	0.552	0.10	0.02	0.0342	0.03	0.0551	0.00	0.05

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Arklow Bank Phase 2	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.10	0.00	0.0072	0.01	0.0089	0.00	0.01
Barrow	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.00
Beatrice	0.0480	0.552	0.10	0.62	0.0342	0.28	0.0551	0.06	0.96
Beatrice Demonstrator	0.0000	0.552	0.10	0.00	0.0342	0.01	0.0551	0.01	0.02
Berwick Bank Offshore Wind Farm	0.0020	0.552	0.10	0.40	0.0342	0.12	0.0551	0.02	0.54
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.10	0.00	0.0342	0.01	0.0551	0.03	0.04
Buchan Offshore Wind Farm	0.0990	0.552	0.10	0.15	0.0342	0.01	0.0551	0.35	0.50
Burbo Bank	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.00
Caledonia Offshore Wind Farm	0.4200	0.552	0.10	0.30	0.0342	0.02	0.0551	0.00	0.32
Cenos	0.0000	0.552	0.10	0.80	0.0342	0.04	0.0551	0.01	0.85
Codling Wind Park	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dogger Bank Creyke Beck A and B	0.0000	0.552	0.10	0.00	0.0342	0.38	0.0551	0.61	0.99
Dogger Bank South	0.0000	0.552	0.10	0.00	0.0342	0.12	0.0551	0.03	0.15
Dogger Bank Teesside A and B	0.0000	0.552	0.10	0.00	0.0342	0.05	0.0551	0.12	0.17
Dublin Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.10	0.00	0.0342	0.17	0.0551	0.22	0.39
Dudgeon Extension	0.0000	0.552	0.10	0.00	0.0342	0.00	0.0551	0.00	0.01
East Anglia One	0.0000	0.552	0.10	0.00	0.0342	0.57	0.0551	0.07	0.64
East Anglia One North	0.0000	0.552	0.10	0.00	0.0342	0.07	0.0551	0.01	0.08
East Anglia Three	0.0000	0.552	0.10	0.00	0.0342	0.12	0.0551	0.09	0.21
East Anglia Two	0.0000	0.552	0.10	0.00	0.0342	0.15	0.0551	0.05	0.20
Erebus	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.00
Five Estuaries	0.0000	0.552	0.10	0.00	0.0342	0.07	0.0551	0.02	0.09
Galloper	0.0000	0.552	0.10	0.00	0.0342	0.13	0.0551	0.14	0.27
Greater Gabbard	0.0000	0.552	0.10	0.00	0.0342	0.04	0.0551	0.05	0.09
Green Volt	0.0500	0.552	0.10	0.50	0.0342	0.01	0.0551	0.03	0.54
Gwynt y Mor	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.00
Hornsea Project One	0.0000	0.552	0.10	0.00	0.0342	0.03	0.0551	0.02	0.05

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Hornsea Project Two	0.0000	0.552	0.10	0.00	0.0342	0.06	0.0551	0.07	0.13
Hornsea Three	0.0000	0.552	0.10	0.00	0.0342	0.03	0.0551	0.06	0.09
Hornsea Four	0.0000	0.552	0.10	0.00	0.0342	0.03	0.0551	0.02	0.05
Humber Gateway	0.0000	0.552	0.10	0.00	0.0342	0.00	0.0551	0.02	0.02
Hywind	0.0930	0.552	0.10	0.18	0.0342	0.00	0.0551	0.01	0.19
Inch Cape Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0342	0.04	0.0551	0.03	0.07
Kentish Flats	0.0000	0.552	0.10	0.00	0.0342	0.02	0.0551	0.06	0.08
Kentish Flats Extension	0.0000	0.552	0.10	0.00	0.0342	0.00	0.0551	0.00	0.00
Kincardine	0.0070	0.552	0.10	0.01	0.0342	0.00	0.0551	0.00	0.01
Lynn and Inner Dowsing	0.0000	0.552	0.10	0.00	0.0342	0.00	0.0551	0.01	0.01
Lincs	0.0000	0.552	0.10	0.00	0.0342	0.02	0.0551	0.09	0.11
London Array	0.0000	0.552	0.10	0.00	0.0342	0.02	0.0551	0.09	0.11
Methil Demonstration	0.0000	0.552	0.10	0.00	0.0342	0.00	0.0551	0.00	0.00
Llŷr 1	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.01
Mona	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.01
Moor Vannin	0.0000	0.552	0.10	0.00	0.0072	0.01	0.0089	0.00	0.01
Moray East	0.0470	0.552	0.10	1.32	0.0342	0.20	0.0551	0.06	1.58
Moray West	0.0400	0.552	0.10	0.14	0.0342	0.01	0.0551	0.01	0.16

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Morecambe	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.00
Morgan	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.00
Muir Mhor	0.0350	0.552	0.10	0.20	0.0342	0.03	0.0551	0.01	0.24
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0342	0.06	0.0551	0.06	0.12
Norfolk Boreas	0.0000	0.552	0.10	0.00	0.0342	0.08	0.0551	0.05	0.13
Norfolk Vanguard	0.0000	0.552	0.10	0.00	0.0342	0.12	0.0551	0.07	0.19
North Falls	0.0000	0.552	0.10	0.00	0.0342	0.03	0.0551	0.04	0.07
North Hoyle	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.10	0.00	0.0072	0.02	0.0089	0.00	0.02
Ossian	0.0000	0.552	0.10	0.50	0.0342	0.04	0.0551	0.00	0.54
Outer Dowsing	0.0000	0.552	0.10	0.00	0.0342	0.01	0.0551	0.00	0.01
Pentland Floating Offshore Wind Farm	0.0300	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.00
Race Bank	0.0000	0.552	0.10	0.00	0.0342	0.05	0.0551	0.05	0.10
Rampion	0.0000	0.552	0.10	0.00	0.0342	0.28	0.0551	0.02	0.30
Rampion 2	0.0000	0.552	0.10	0.00	0.0342	0.04	0.0551	0.04	0.08
Rhyl Flats	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.00
Robin Rigg	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Salamander	0.0339	0.552	0.10	0.40	0.0342	0.02	0.0551	0.01	0.43
Seagreen Alpha and Bravo	0.0020	0.552	0.10	0.20	0.0342	0.12	0.0551	0.13	0.45
Sheringham Shoal	0.0000	0.552	0.10	0.00	0.0342	0.07	0.0551	0.00	0.07
Sheringham Shoal Extension	0.0000	0.552	0.10	0.00	0.0342	0.00	0.0551	0.00	0.00
Teesside	0.0000	0.552	0.10	0.00	0.0342	0.01	0.0551	0.00	0.01
Thanet	0.0000	0.552	0.10	0.00	0.0342	0.00	0.0551	0.00	0.00
Triton Knoll	0.0000	0.552	0.10	0.00	0.0342	0.28	0.0551	0.34	0.62
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.10	0.00	0.0072	0.08	0.0089	0.06	0.14
Walney 1&2	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.00
Walney Extension	0.0000	0.552	0.10	0.00	0.0072	0.03	0.0089	0.01	0.04
West of Duddon Sands	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.00
Westermest Rough	0.0000	0.552	0.10	0.00	0.0342	0.00	0.0551	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0072	0.09	0.0089	0.02	0.11
White Cross	0.0000	0.552	0.10	0.00	0.0072	0.00	0.0089	0.00	0.01
Offshore Project	0.0100	0.946	0.10	0.17	0.0072	0.02	0.0089	0.01	0.19

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Total mortality (with Berwick Bank Offshore Wind Farm)				5.90		4.38		3.42	13.70
Total mortality (without Berwick Bank Offshore Wind Farm)				5.50		4.26		3.40	13.16

St Kilda SPA

Table 1-91 Gannet in-combination collision mortality apportioned to St Kilda SPA (NatureScot/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0390	0.552	0.10	0.06	0.0261	0.03	0.0000	0.00	0.09
Arklow Bank Phase 2	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.10	0.00	0.1966	0.32	0.1802	0.02	0.33
Barrow	0.0000	0.552	0.10	0.00	0.1966	0.01	0.1802	0.01	0.02
Beatrice	0.1120	0.552	0.10	1.46	0.0261	0.93	0.0000	0.00	2.39
Beatrice Demonstrator	0.0000	0.552	0.10	0.00	0.0261	0.01	0.0000	0.00	0.01
Berwick Bank Offshore Wind Farm	0.0090	0.552	0.10	0.00	0.0261	0.34	0.0000	0.00	0.34

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Blyth Demonstration Project (Phase 1)	0.0000	0.552	0.10	0.00	0.0261	0.02	0.0000	0.00	0.02
Buchan Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0261	0.00	0.0000	0.00	0.00
Burbo Bank	0.0000	0.552	0.10	0.00	0.1966	0.00	0.1802	0.00	0.01
Burbo Bank Extension	0.0000	0.552	0.10	0.00	0.1966	0.01	0.1802	0.01	0.02
Caledonia Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0261	0.08	0.0000	0.00	0.08
Cenos	0.0000	0.552	0.10	0.00	0.0261	0.05	0.0000	0.00	0.05
Codling Wind Park	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A and B	0.0000	0.552	0.10	0.00	0.0261	0.04	0.0000	0.00	0.04
Dogger Bank South	0.0000	0.552	0.10	0.00	0.0261	0.04	0.0000	0.00	0.04
Dogger Bank Teesside A and B	0.0000	0.552	0.10	0.00	0.0261	0.06	0.0000	0.00	0.06
Dublin Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.10	0.00	0.0261	0.21	0.0000	0.00	0.21

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Dudgeon Extension	0.0000	0.552	0.10	0.00	0.0261	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.552	0.10	0.00	0.0261	0.75	0.0000	0.00	0.75
East Anglia One North	0.0000	0.552	0.10	0.00	0.0261	0.07	0.0000	0.00	0.07
East Anglia Three	0.0000	0.552	0.10	0.00	0.0261	0.23	0.0000	0.00	0.23
East Anglia Two	0.0000	0.552	0.10	0.00	0.0261	0.16	0.0000	0.00	0.16
Erebus	0.0000	0.552	0.10	0.00	0.1966	0.04	0.1802	0.05	0.08
Five Estuaries	0.0000	0.552	0.10	0.00	0.0261	0.00	0.0000	0.00	0.00
Galloper	0.0000	0.552	0.10	0.00	0.0261	0.17	0.0000	0.00	0.17
Greater Gabbard	0.0000	0.552	0.10	0.00	0.0261	0.05	0.0000	0.00	0.05
Green Volt	0.0600	0.552	0.10	0.60	0.0261	0.02	0.0000	0.00	0.62
Gwynt y Mor	0.0000	0.552	0.10	0.00	0.1966	0.06	0.1802	0.05	0.12
Hornsea Project One	0.0000	0.552	0.10	0.00	0.0261	0.04	0.0000	0.00	0.04
Hornsea Project Two	0.0000	0.552	0.10	0.00	0.0261	0.08	0.0000	0.00	0.08
Hornsea Three	0.0000	0.552	0.10	0.00	0.0261	0.06	0.0000	0.00	0.06
Hornsea Four	0.0000	0.552	0.10	0.00	0.0261	0.04	0.0000	0.00	0.04
Humber Gateway	0.0000	0.552	0.10	0.00	0.0261	0.01	0.0000	0.00	0.01
Hywind	0.0780	0.552	0.10	0.15	0.0261	0.01	0.0000	0.00	0.17
Inch Cape Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0261	0.08	0.0000	0.00	0.08

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Kentish Flats	0.0000	0.552	0.10	0.00	0.0261	0.00	0.0000	0.00	0.00
Kentish Flats Extension	0.0000	0.552	0.10	0.00	0.0261	0.00	0.0000	0.00	0.00
Kincardine	0.0270	0.552	0.10	0.03	0.0261	0.04	0.0000	0.00	0.07
Lynn and Inner Dowsing	0.0000	0.552	0.10	0.00	0.0261	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.552	0.10	0.00	0.0261	0.01	0.0000	0.00	0.01
London Array	0.0000	0.552	0.10	0.00	0.0261	0.01	0.0000	0.00	0.01
Methil Demonstration	0.0010	0.552	0.10	0.00	0.0261	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.552	0.10	0.00	0.1966	0.10	0.1802	0.05	0.14
Mona	0.0000	0.552	0.10	0.00	0.1966	0.11	0.1802	0.06	0.17
Moor Vannin	0.0660	0.552	0.10	0.37	0.1966	0.28	0.1802	0.03	0.68
Moray East	0.1040	0.552	0.10	2.92	0.0261	0.07	0.0000	0.00	2.99
Moray West	0.1140	0.552	0.10	0.39	0.0261	0.04	0.0000	0.00	0.42
Morecambe	0.0000	0.552	0.10	0.00	0.1966	0.03	0.1802	0.00	0.03
Morgan	0.0000	0.552	0.10	0.00	0.1966	0.06	0.1802	0.03	0.09
Muir Mhor	0.0570	0.552	0.10	0.30	0.0261	0.04	0.0000	0.00	0.34
Neart na Gaoithe Offshore Wind Farm	0.0010	0.552	0.10	0.03	0.0261	0.15	0.0000	0.00	0.18
Norfolk Boreas	0.0000	0.552	0.10	0.00	0.0261	0.09	0.0000	0.00	0.09
Norfolk Vanguard	0.0000	0.552	0.10	0.00	0.0261	0.13	0.0000	0.00	0.13
North Falls	0.0000	0.552	0.10	0.00	0.0261	0.01	0.0000	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
North Hoyle	0.0000	0.552	0.10	0.00	0.1966	0.02	0.1802	0.01	0.02
North Irish Sea Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.10	0.00	0.1966	0.54	0.1802	0.09	0.63
Ossian	0.0000	0.552	0.10	0.80	0.0261	0.05	0.0000	0.00	0.85
Outer Dowsing	0.0000	0.552	0.10	0.00	0.0261	0.00	0.0000	0.00	0.00
Pentland Floating Offshore Wind Farm	0.0960	0.552	0.10	0.10	0.1966	0.04	0.1802	0.00	0.14
Race Bank	0.0000	0.552	0.10	0.00	0.0261	0.06	0.0000	0.00	0.06
Rampion	0.0000	0.552	0.10	0.00	0.0261	0.36	0.0000	0.00	0.36
Rampion 2	0.0000	0.552	0.10	0.00	0.0261	0.01	0.0000	0.00	0.01
Rhyl Flats	0.0000	0.552	0.10	0.00	0.1966	0.02	0.1802	0.03	0.05
Robin Rigg	0.0000	0.552	0.10	0.00	0.1966	0.02	0.1802	0.01	0.02
Salamander	0.0000	0.552	0.10	0.00	0.0261	0.02	0.0000	0.00	0.02
Seagreen Alpha and Bravo	0.0080	0.552	0.10	0.80	0.0261	0.27	0.0000	0.00	1.07
Sheringham Shoal	0.0000	0.552	0.10	0.00	0.0261	0.02	0.0000	0.00	0.02
Sheringham Shoal Extension	0.0000	0.552	0.10	0.00	0.0261	0.00	0.0000	0.00	0.00
Teesside	0.0000	0.552	0.10	0.00	0.0261	0.01	0.0000	0.00	0.01
Thanet	0.0000	0.552	0.10	0.00	0.0261	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Triton Knoll	0.0000	0.552	0.10	0.00	0.0261	0.39	0.0000	0.00	0.39
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.10	0.00	0.1966	2.08	0.1802	1.26	3.34
Walney 1&2	0.0000	0.552	0.10	0.00	0.1966	0.02	0.1802	0.01	0.03
Walney Extension	0.0000	0.552	0.10	0.00	0.1966	0.86	0.1802	0.18	1.04
West of Duddon Sands	0.0000	0.552	0.10	0.00	0.1966	0.02	0.1802	0.01	0.03
Westermest Rough	0.0000	0.552	0.10	0.00	0.0261	0.00	0.0000	0.00	0.00
West of Orkney Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.1966	0.91	0.1802	0.28	1.19
White Cross	0.0000	0.552	0.10	0.00	0.1966	0.10	0.1802	0.05	0.15
Offshore Project	0.4543	0.946	0.10	7.63	0.1966	0.52	0.1802	0.17	8.32
Total mortality (with Berwick Bank Offshore Wind Farm)				15.64	11.53		2.39		29.56
Total mortality (without Berwick Bank Offshore Wind Farm)				15.64	11.19		2.39		29.22

Sule Skerry and Sule Stack SPA

Table 1-92 Gannet in-combination collision mortality apportioned to Sule Skerry and Sule Stack SPA (NatureScot/Applicant Approach)

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Aberdeen Offshore Wind Farm	0.0160	0.552	0.10	0.02	0.0020	0.00	0.0000	0.00	0.02
Arklow Bank Phase 2	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Awel y Mor	0.0000	0.552	0.10	0.00	0.0154	0.02	0.0141	0.00	0.03
Barrow	0.0000	0.552	0.10	0.00	0.0154	0.00	0.0141	0.00	0.00
Beatrice	0.1280	0.552	0.10	1.67	0.0020	0.03	0.0000	0.00	1.70
Beatrice Demonstrator	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Berwick Bank Offshore Wind Farm	0.0020	0.552	0.10	0.40	0.0020	0.01	0.0000	0.00	0.41
Blyth Demonstration Project (Phase 1)	0.0050	0.552	0.10	0.01	0.0020	0.00	0.0000	0.00	0.01
Buchan Offshore Wind Farm	0.0770	0.552	0.10	0.11	0.0020	0.00	0.0000	0.00	0.11
Burbo Bank	0.0000	0.552	0.10	0.00	0.0154	0.00	0.0141	0.00	0.00
Burbo Bank Extension	0.0000	0.552	0.10	0.00	0.0154	0.00	0.0141	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Caledonia Offshore Wind Farm	0.0770	0.552	0.10	0.50	0.0020	0.00	0.0000	0.00	0.50
Cenos	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Codling Wind Park	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dogger Bank Creyke Beck A and B	0.0000	0.552	0.10	0.00	0.0020	0.04	0.0000	0.00	0.04
Dogger Bank South	0.0000	0.552	0.10	0.00	0.0020	0.01	0.0000	0.00	0.01
Dogger Bank Teesside A and B	0.0000	0.552	0.10	0.00	0.0020	0.01	0.0000	0.00	0.01
Dublin Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Dudgeon	0.0000	0.552	0.10	0.00	0.0020	0.02	0.0000	0.00	0.02
Dudgeon Extension	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
East Anglia One	0.0000	0.552	0.10	0.00	0.0020	0.06	0.0000	0.00	0.06
East Anglia One North	0.0000	0.552	0.10	0.00	0.0020	0.01	0.0000	0.00	0.01
East Anglia Three	0.0000	0.552	0.10	0.00	0.0020	0.01	0.0000	0.00	0.01
East Anglia Two	0.0000	0.552	0.10	0.00	0.0020	0.02	0.0000	0.00	0.02
Erebus	0.0000	0.552	0.10	0.00	0.0154	0.00	0.0141	0.00	0.01
Five Estuaries	0.0000	0.552	0.10	0.00	0.0020	0.01	0.0000	0.00	0.01

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Galloper	0.0000	0.552	0.10	0.00	0.0020	0.01	0.0000	0.00	0.01
Greater Gabbard	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Green Volt	0.0300	0.552	0.10	0.30	0.0020	0.00	0.0000	0.00	0.30
Gwynt y Mor	0.0000	0.552	0.10	0.00	0.0154	0.01	0.0141	0.00	0.01
Hornsea Project One	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Hornsea Project Two	0.0000	0.552	0.10	0.00	0.0020	0.01	0.0000	0.00	0.01
Hornsea Three	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Hornsea Four	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Humber Gateway	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Hywind	0.0600	0.552	0.10	0.12	0.0020	0.00	0.0000	0.00	0.12
Inch Cape Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Kentish Flats	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Kentish Flats Extension	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Kincardine	0.0090	0.552	0.10	0.01	0.0020	0.00	0.0000	0.00	0.01
Lynn and Inner Dowsing	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Lincs	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
London Array	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Methil Demonstration	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Llŷr 1	0.0000	0.552	0.10	0.00	0.0154	0.01	0.0141	0.00	0.01
Mona	0.0000	0.552	0.10	0.00	0.0154	0.01	0.0141	0.00	0.01
Moor Vannin	0.0000	0.552	0.10	0.00	0.0154	0.02	0.0141	0.00	0.02
Moray East	0.1120	0.552	0.10	3.14	0.0020	0.02	0.0000	0.00	3.16
Moray West	0.1070	0.552	0.10	0.36	0.0020	0.00	0.0000	0.00	0.36
Morecambe	0.0000	0.552	0.10	0.00	0.0154	0.00	0.0141	0.00	0.00
Morgan	0.0000	0.552	0.10	0.00	0.0154	0.00	0.0141	0.00	0.01
Muir Mhor	0.0290	0.552	0.10	0.10	0.0020	0.00	0.0000	0.00	0.10
Neart na Gaoithe Offshore Wind Farm	0.0000	0.552	0.10	0.00	0.0020	0.01	0.0000	0.00	0.01
Norfolk Boreas	0.0000	0.552	0.10	0.00	0.0020	0.01	0.0000	0.00	0.01
Norfolk Vanguard	0.0000	0.552	0.10	0.00	0.0020	0.01	0.0000	0.00	0.01
North Falls	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
North Hoyle	0.0000	0.552	0.10	0.00	0.0154	0.00	0.0141	0.00	0.00
North Irish Sea Array	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Oriel	0.0000	0.552	0.10	0.00	0.0000	0.00	0.0000	0.00	0.00
Ormonde	0.0000	0.552	0.10	0.00	0.0154	0.04	0.0141	0.01	0.05
Ossian	0.0000	0.552	0.10	0.30	0.0020	0.00	0.0000	0.00	0.30
Outer Dowsing	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
Pentland Floating Offshore Wind Farm	0.4770	0.552	0.10	0.60	0.0154	0.00	0.0141	0.00	0.60
Race Bank	0.0000	0.552	0.10	0.00	0.0020	0.01	0.0000	0.00	0.01
Rampion	0.0000	0.552	0.10	0.00	0.0020	0.03	0.0000	0.00	0.03
Rampion 2	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Rhyl Flats	0.0000	0.552	0.10	0.00	0.0154	0.00	0.0141	0.00	0.00
Robin Rigg	0.0000	0.552	0.10	0.00	0.0154	0.00	0.0141	0.00	0.00
Salamander	0.0279	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Seagreen Alpha and Bravo	0.0020	0.552	0.10	0.20	0.0020	0.01	0.0000	0.00	0.21
Sheringham Shoal	0.0000	0.552	0.10	0.00	0.0020	0.01	0.0000	0.00	0.01
Sheringham Shoal Extension	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Teesside	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Thanet	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
Triton Knoll	0.0000	0.552	0.10	0.00	0.0020	0.03	0.0000	0.00	0.03
Twinhub (Wave Hub Floating Wind Farm)	0.0000	0.552	0.10	0.00	0.0154	0.16	0.0141	0.10	0.26
Walney 1&2	0.0000	0.552	0.10	0.00	0.0154	0.00	0.0141	0.00	0.00
Walney Extension	0.0000	0.552	0.10	0.00	0.0154	0.07	0.0141	0.01	0.08

Project	Breeding Season				Post-breeding Season		Pre-breeding Season		Annual Adult Mortality
	Apportioning Value	Proportion Adult	Proportion Sabbaticals	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	Apportioning Value	Apportioned Adult Mortality	
West of Duddon Sands	0.0000	0.552	0.10	0.00	0.0154	0.00	0.0141	0.00	0.00
Westermest Rough	0.0000	0.552	0.10	0.00	0.0020	0.00	0.0000	0.00	0.00
West of Orkney Offshore Wind Farm	1.0000	0.552	0.10	17.50	0.0154	0.09	0.0141	0.02	17.61
White Cross	0.0000	0.552	0.10	0.00	0.0154	0.01	0.0141	0.00	0.01
Offshore Project	0.0405	0.946	0.10	0.68	0.0154	0.04	0.0141	0.01	0.73
Total mortality (with Berwick Bank Offshore Wind Farm)				26.02	0.89		0.19		27.10
Total mortality (without Berwick Bank Offshore Wind Farm)				25.62	0.88		0.19		26.69