

APPENDIX FIVE: PROJECTS ALPHA AND BRAVO, NEART NA GAOITHE AND INCH CAPE DENSITY AND POPULATIONS TABLES

Fulmar

Table 1 Monthly densities of flying birds and overall populations for Fulmar at the development sites at Projects Alpha and Bravo, Neart na Gaoithe and Inch Cape during the breeding season

Month	Year	Density of flying birds				Overall population estimate			
		PA	PB	NNG	IC	PA	PB	NNG	IC
May	2010	0.170	0.061	0.000		34	12	0	
June	2010	0.967	1.289	0.000		234	407	0	
July	2010	0.107	0.113	0.000		31	32	0	
August	2010	0.639	0.447	0.133		162	126	14	
September	2010	1.955	2.500	0.067	0.000	497	505	47	45
May	2011	0.315	0.704	0.124	0.153	44	141	13	44
June	2011	0.291	0.907	0.324	0.293	68	255	34	15
July	2011	0.056	0.217	0.124	0.100	11	47	23	55
August	2011	0.212	0.113	0.133	0.293	105	42	14	26
September	2011	0.788	1.653	0.257	0.100	165	345	69	51
May	2012			0.067	0.100			7	26
June	2012			0.000	0.147			0	33
July	2012			0.266	0.093			28	14
August	2012			0.190	0.193			43	62
September	2012			0.333	0.147			66	33

Gannet

Table 2 Monthly densities of flying birds and overall populations for Gannet at the development sites at Projects Alpha and Bravo, Neart na Gaoithe and Inch Cape during the breeding season

Month	Year	Density of flying birds				Overall population estimate			
		PA	PB	NNG	IC	PA	PB	NNG	IC
April	2010	0.738	0.574	1.216		145	111	137	
May	2010	6.979	3.395	1.451		1,543	688	157	
June	2010	12.196	4.889	2.208		2,716	996	355	
July	2010	2.364	4.728	0.838		574	926	89	
August	2010	7.208	5.584	1.667		1,442	1,141	241	
September	2010	3.239	2.674	3.415	0.882	659	626	734	
April	2011	1.641	1.662	1.676	3.391	555	643	2,113	547
May	2011	8.823	2.924	7.463	3.419	1,204	586	814	708
June	2011	5.988	2.880	5.76	3.021	722	1,474	648	512
July	2011	0.450	0.812	11.913	5.381	170	168	1,539	944
August	2011	2.488	2.383	6.91	6.823	772	782	775	1,160
September	2011	1.745	1.120	5.92	2.173	388	266	932	443
April	2012			0.828	0.958			113	154
May	2012			4.322	5.237			534	873
June	2012			2.29	4.532			413	1,051
July	2012			2.61	1.876			319	291
August	2012			3.946	3.445			524	653
September	2012			4.893	1.481			611	339

Kittiwake

Table 3 Monthly densities of flying birds and overall populations for Kittiwake at the development sites at Projects Alpha and Bravo, Neart na Gaoithe and Inch Cape during the breeding season

Month	Year	Density of flying birds				Overall population estimate			
		PA	PB	NNG	IC	PA	PB	NNG	IC
April	2010	1.305	2.138	0.064		552	671	7	
May	2010	1.135	2.122	0.396		484	626	41	
June	2010	3.277	3.063	0.189		980	746	55	
July	2010	1.343	0.675	0.387		377	264	41	
August	2010	0.523	0.335	0.064		221	91	83	
April	2011	3.070	0.687	0.451	0.313	1,053	533	304	296
May	2011	1.260	3.519	0.753	0.503	387	707	213	1,153
June	2011	3.372	3.519	0.259	2.973	1,871	2,763	27	1,441
July	2011	2.646	2.111	2.125	5.68	897	597	1,451	2,344
August	2011	0.582	0.397	0.258	0.682	339	237	46	561
April	2012			0.127	0.91			24	136
May	2012			0.699	1.175			76	1,503
June	2012			0.254	1.023			165	1,894
July	2012			0.318	1.684			515	501
August	2012			0.191	0.291			3,783	459

Lesser Black-backed Gull

Table 4 Monthly densities of flying birds and overall populations for Lesser Black-backed Gull at the development sites at Projects Alpha and Bravo, Neart na Gaoithe and Inch Cape during the breeding season

Month	Year	Density of flying birds				Overall population estimate			
		PA	PB	NNG	IC	PA	PB	NNG	IC
April	2010	0.057	0.052	0.064		11	10		
May	2010	0.000	0.000	0.066			0		
June	2010	0.054	0.698	0.000		98	135		
July	2010	0.000	0.000	0.064		0	0		
August	2010	0.000	0.000	0.000		0			
April	2011	0.000	0.000	0.000		0			
May	2011	0.105	0.054	0.000		14	15		
June	2011	0.058	0.053	0.000		11	35		
July	2011	0.000	0.000	0.000			0		
August	2011	0.000	0.000	0.000					
April	2012			0.000					
May	2012			0.127					
June	2012			0.000					
July	2012			0.000					
August	2012			0.000					

Herring Gull

Table 5 Monthly densities of flying birds and overall populations for Herring Gull at the development sites at Projects Alpha and Bravo, Neart na Gaoithe and Inch Cape during the breeding season

Month	Year	Density of flying birds				Overall population estimate			
		PA	PB	NNG	IC	PA	PB	NNG	IC
April	2010	0.057	0.000	0.064		11			
May	2010	0.227	0.000	0.000		45	5		
June	2010	0.269	0.376	0.063		121	83		
July	2010	0.000	0.000	0.000			0		
August	2010	0.000	0.000	0.000		10			
April	2011	0.053	0.000	0.000	0.000	10			
May	2011	0.105	0.108	0.000	0.000	20	21		
June	2011	0.000	0.000	0.194	0.247	26	193		
July	2011	0.113	0.000	0.000	0.000	22			
August	2011	0.000	0.000	0.000	0.000				
April	2012			0.064	0.000				
May	2012			0.254	0.047				
June	2012			0.000	0.000				
July	2012			0.127	0.000				
August	2012			0.000	0.047				

Guillemot

Table 6 Monthly densities of flying birds and overall populations for Guillemot at the development sites at Projects Alpha and Bravo, Neart na Gaoithe and Inch Cape during the breeding season

Month	Year	Density of flying birds				Overall population estimate			
		PA	PB	NNG	IC	PA	PB	NNG	IC
April	2010	0.284	0.156			289	251	272	
May	2010	0.397	0.788			937	706	120	
June	2010	4.083	1.021			5,202	1,986	387	
July	2010	1.128	0.169			777	971	145	
April	2011	1.270	1.496			1,786	1,486	3,789	137
May	2011	1.050	0.704			880	531	409	1,466
June	2011	3.255	0.533			6,627	14,074	110	4,545
July	2011	1.126	0.325			6,889	2,013	1,129	2,396
April	2012							1,511	532
May	2012							1,477	1,270
June	2012							750	2,843
July	2012							1,186	3,549

Razorbill

Table 7 Monthly densities of flying birds and overall populations for Razorbill at the development sites at Projects Alpha and Bravo, Neart na Gaoithe and Inch Cape during the breeding season

Month	Year	Density of flying birds				Overall population estimate			
		PA	PB	NNG	IC	PA	PB	NNG	IC
April	2010		0.156			687	376	20	
May	2010	0.489	0.242			246	176	27	
June	2010		0.000			288	98	44	
July	2010	0.463	0.000			333	590	7	
April	2011	2.737	0.000			1,193	410	120	110
May	2011	0.948	0.054			523	158	364	198
June	2011	0.501	0.000			531	445	35	367
July	2011	0.485	0.000			2,187	517	367	2,686
April	2012							84	293
May	2012							227	345
June	2012							36	205
July	2012							267	2,495

Puffin

Table 8 Monthly densities of flying birds and overall populations for Puffin at the development sites at Projects Alpha and Bravo, Neart na Gaoithe and Inch Cape during the breeding season

Month	Year	Density of flying birds				Overall population estimate			
		PA	PB	NNG	IC	PA	PB	NNG	IC
April	2010	0.820	0.052			317	209	1,632	
May	2010		0.000			68	83	208	
June	2010	3.104	0.215			2,066	613	258	
July	2010	2.328	0.169			837	714	284	
August	2010	2.519	0.279			2,278	1,571	3,507	
April	2011	4.587	0.332			1,414	250	1,769	155
May	2011		0.000			65	79	1,842	2,050
June	2011	4.198	0.213			3,367	5,583	391	1,224
July	2011	0.407	0.054			691	447	2,481	1,364
August	2011	0.764	0.000			956	617	496	1,196
April	2012							3,812	407
May	2012							1,313	2,804
June	2012							689	1,358
July	2012							3,719	1,217
August	2012							526	4,152