

Species	SPA	Buchan connectivity	Aspen connectivity
Gannet	Fair Isle	Y	Y
Gannet	Flamborough and Filey Coast	Y	Y
Gannet	Forth Islands	Y	Y
Gannet	Hermaness, Saxa Vord and Valla Field	Y	Y
Gannet	North Rona and Sula Sgeir	Y	Y
Gannet	Noss	Y	Y
Gannet	St Kilda	Y	Y
Gannet	Sule Skerry and Sule Stack	Y	Y
Guillemot	Buchan Ness to Collieston Coast	Y	Y
Guillemot	Calf of Eday	Y	N
Guillemot	Copinsay	Y	N
Guillemot	Fair Isle	Y	N
Guillemot	Hoy	Y	N
Guillemot	Marwick Head	Y	N
Guillemot	Rousay	Y	N
Guillemot	Sumburgh Head	Y	N
Guillemot	Troup, Pennan and Lion's Heads	Y	Y
Guillemot	West Westray	Y	N
Kittiwake	Buchan Ness to Collieston Coast	Y	Y
Kittiwake	Calf of Eday	Y	Y
Kittiwake	Cape Wrath	Y	Y
Kittiwake	Copinsay	Y	N
Kittiwake	East Caithness Cliffs	Y	Y
Kittiwake	Fair Isle	Y	N
Kittiwake	Farne Islands	Y	Y
Kittiwake	Forth Islands	Y	Y
Kittiwake	Foula	Y	N
Kittiwake	Fowlsheugh	Y	Y
Kittiwake	Handa	Y	N
Kittiwake	Hermaness, Saxa Vord and Valla Field	Y	N
Kittiwake	Hoy	Y	Y
Kittiwake	Marwick Head	Y	Y
Kittiwake	North Caithness Cliffs	Y	Y
Kittiwake	North Rona and Sula Sgeir	Y	N
Kittiwake	Noss	Y	Y
Kittiwake	Rousay	Y	Y
Kittiwake	St Abb's Head to Fast Castle	Y	Y
Kittiwake	Sumburgh Head	Y	Y
Kittiwake	Troup, Pennan and Lion's Heads	Y	Y
Kittiwake	West Westray	Y	Y
Puffin	Cape Wrath	Y	Y
Puffin	Fair Isle	Y	Y
Puffin	Forth Islands	Y	N
Puffin	Foula	Y	Y
Puffin	Hoy	Y	Y
Puffin	North Caithness Cliffs	Y	Y

Puffin	Noss	Y	Y
Puffin	Sule Skerry and Sule Stack	Y	Y
Razorbill	East Caithness Cliffs	Y	Y
Razorbill	Fair Isle	Y	Y
Razorbill	North Caithness Cliffs	Y	Y
Razorbill	Troup, Pennan and Lion's Heads	Y	Y
Razorbill	West Westray	Y	Y
Herring gull	Troup, Pennan and Lion's Heads	Y	N

Impact source information	
Buchan	AEIR
	RIAA
Aspen	AEIR
	RIAA
Ayre	RIAA
Marram	RIAA
Spriorad na	RIAA
Bellrock	RIAA
All others impact source information	
	Total impact from MMOC
	Total impact from interim CEF

**Step 1 - exclude features impacted by only one project**

Ayre connectivity	Marram connectivity	SnM connectivity	Bellrock connectivity	Step 1
Y	Y	Y	N	Include
Y	Y	Y	Y	Include
Y	N	Y	Y	Include
Y	Y	Y	Y	Include
Y	Y	Y	Y	Include
Y	Y	Y	Y	Include
Y	N	Y	Y	Include
Y	Y	Y	Y	Include
N	Y	N	N	Include
Y	N	N	N	Include
Y	N	N	N	Include
Y	N	N	N	Include
Y	N	N	N	Include
Y	N	N	N	Include
Y	N	N	N	Include
Y	N	N	N	Include
Y	N	N	N	Include
N	Y	N	N	Include
Y	N	N	N	Include
Y	Y	N	Y	Include
Y	Y	Y	N	Include
Y	Y	Y	N	Include
Y	Y	Y	Y	Include
Y	N	Y	Y	Include
Y	Y	N	Y	Include
Y	Y	N	Y	Include
Y	Y	N	N	Include
Y	N	N	Y	Include
Y	N	Y	N	Include
Y	Y	N	N	Include
Y	Y	Y	Y	Include
Y	Y	Y	N	Include
Y	Y	Y	Y	Include
Y	N	Y	N	Include
Y	Y	N	N	Include
Y	Y	Y	N	Include
Y	Y	N	Y	Include
Y	Y	N	N	Include
Y	Y	N	Y	Include
Y	N	Y	Y	Include
Y	N	Y	N	Include
Y	Y	N	N	Include
N	N	N	Y	Include
Y	Y	N	N	Include
Y	Y	Y	N	Include
Y	Y	Y	Y	Include

Y	Y	N	N	Include
Y	Y	Y	N	Include
Y	Y	N	Y	Include
Y	Y	N	N	Include
Y	Y	N	Y	Include
Y	Y	N	Y	Include
Y	Y	N	N	Include
N	N	N	N	Include

Step 2 - in-combination impact exceed				
Breeding population (adults)	Buchan impact	Aspen impact	Ayre impact	Marram impact
9,654	0.5	0.6	1.12	1.8
26,784	1.36	1.18	0.19	0.47
150,518	12.2	11.0	2.15	
39,606	2.2	1.6	1.18	3.7
18,990	0.29	0.24	0.36	0.99
24,670	1.1	1.0	0.95	2.9
120,580	1.1	0.9	0.6	
15,648	0.4	0.3	0.73	1.3
39,440	28.7	15.2		119.6
7,402	2.70		3.18	
10,967	8.0		60.3	
24,515	9.90		6.46	
12,390	5.20		5.77	
12,800	3.40		5.91	
7,921	2.60		4.00	
3,677	0.90		2.72	
47,719	42.4	15.2		121.3
40,673	10.00		14.75	
22,590	10	1.31	0.68	3.99
290	0.02	0.01	0.10	0.06
6,520	0.04	0.03	0.11	0.18
592	0.02	0.01	0.81	0.16
48,958	1.46	0.82	3.21	
896	0.02	0.04	0.06	0.07
5,790	0.08	0.09	0.10	0.39
9,084	0.11	0.24	0.13	0.57
850	0.01	0.01	0.02	0.03
30,966	0.51	1.14	0.50	
9,178	0.04		0.08	
166	0.01		0.01	0.02
532	0.01	0.02	0.05	0.04
2,878	0.03	0.02	0.13	0.08
11,142	0.37	0.50	1.05	0.94
1,424	0.00		0.01	
172	0.01	0.00	0.02	0.02
962	0.04	0.06	0.11	0.08
9,158	0.10	0.19	0.10	0.52
636	0.01	0.01	0.43	0.08
21,232	0.93	0.41	0.91	3.93
4,838	0.22	0.16	0.72	
4,488	0.4		0.1	
13,332	2.72	0.17	1.05	1.11
85,846	6.8	3.7		
8,468	0.68	0.39	0.21	0.35
860	0.15		0.12	0.05
6,078	1.2	0.1	0.7	0.6

2,348	0.20	0.01	0.05	0.10
95,484	8.93		3.26	3.92
45,194	2.2	0.0	8.2	0.2
2,888	0.1	0.0	0.4	0.3
14,952	0.6	0.0	1.3	0.1
6,054	0.6	0.6	0.5	2.3
3,198	0.05	0.00	0.70	0.03
1,106	1.00	0.70		

s change in adult survival of >0.02 percentage points				
SnM impact	Bellrock impact	All others impact	Total impact	% change in adult survival
0.2		13.6	17.8	0.185
0.02	2.00	399.20	404.41	1.510
0.9	16.0	863.7	906.0	0.602
0.6	2.0	75.8	87.1	0.220
4.72	0.31	6.73	13.65	0.072
0.3	1.0	39.9	47.1	0.191
12.6	1.0	4.9	21.0	0.017
1.1	0.4	34.8	39.0	0.249
		518.7	682.3	1.730
		2.37	8.25	0.111
		14.7	83.0	0.757
		6.95	23.31	0.095
		9.26	20.23	0.163
		6.99	16.30	0.127
		2.77	9.37	0.118
		0.00	3.62	0.098
		271.8	450.7	0.945
		15.59	40.34	0.099
	2.03	91.63	109.6	0.485
0.00		4.20	4.39	1.513
0.17		4.41	4.94	0.076
0.00	0.01	3.76	4.8	0.808
0.24	0.36	237.47	243.6	0.497
	0.01	4.20	4.4	0.492
	0.54	21.68	22.9	0.395
	0.46	48.52	50.0	0.551
		1.95	2.02	0.238
	2.42	142.35	146.9	0.474
0.05		0.96	1.1	0.012
		2.15	2.19	1.317
0.00	0.02	2.62	2.8	0.519
0.00		3.37	3.64	0.126
0.06	0.31	61.57	64.8	0.582
0.02		0.17	0.2	0.014
		2.83	2.87	1.671
0.01		9.38	9.68	1.006
	0.63	34.33	35.9	0.392
		1.25	1.78	0.280
	1.19	103.97	111.3	0.524
0.07	0.17	55.86	57.2	1.182
0.1		0.3	0.9	0.020
		12.09	17.14	0.129
	1.6	385.6	397.7	0.463
		21.85	23.48	0.277
0.01		3.50	3.83	0.445
0.0	0.0	54.0	56.5	0.930

		0.79	1.15	0.049
0.67		166.10	182.87	0.192
	0.1	272.6	283.4	0.627
		9.2	10.1	0.349
	0.0	23.5	25.5	0.170
	0.0	22.9	27.0	0.446
		6.43	7.21	0.225
		0.49	2.19	0.198

Step 3 - existing AESI in-comb			
PVA needed?	Buchan compensation?	Aspen compensation?	Ayre compensation?
Y	Y		
Y			
Y	Y	Y	Y
Y	Y		
Y			
Y	Y		
N			
Y	Y		
Y	Y	Y	
Y			
Y			Y
Y			
Y			
Y			
Y			
Y	Y	Y	
Y			
Y	Y		Y
Y			
Y			Y
Y	Y	Y	Y
Y			
Y			
Y	Y		
Y			
Y	Y	Y	Y
N			
Y			
Y			
Y			
Y	Y		Y
Y	Y		Y
N			
Y			
Y			
Y			
Y	Y		Y
Y	Y		Y
N			
Y			
Y	Y	Y	
Y			
Y			
Y	Y		Y

Y			
Y			
Y	Y		Y
Y			Y
Y			Y
Y		Y	Y
Y			
Y			

ination (i.e. compensation provided)				Final
Marram compensation?	SnM compensation?	Bellrock compensation?	Step 3	PVA run for AA?
Y		Y	Exclude	N
			Include	Y
Y	Y	Y	Exclude	N
Y		Y	Exclude	N
			Include	Y
			Exclude	N
			Exclude	N
			Exclude	N
Y			Exclude	N
			Include	Y
Y			Exclude	N
			Include	Y
			Include	Y
			Include	Y
			Include	Y
			Include	Y
Y			Exclude	N
			Include	Y
Y		Y	Exclude	N
			Include	Y
			Include	Y
			Exclude	N
Y	Y	Y	Exclude	N
		Y	Exclude	N
		Y	Exclude	N
Y		Y	Exclude	N
			Include	Y
Y		Y	Exclude	N
			Exclude	N
			Include	Y
		Y	Exclude	N
			Include	Y
Y	Y	Y	Exclude	N
			Exclude	N
			Include	Y
			Include	Y
Y		Y	Exclude	N
			Include	Y
Y		Y	Exclude	N
Y	Y	Y	Exclude	N
			Exclude	N
			Include	Y
Y		Y	Exclude	N
			Include	Y
			Include	Y
		Y	Exclude	N

			Include	Y
			Include	Y
Y		Y	Exclude	N
			Exclude	N
			Exclude	N
Y		Y	Exclude	N
			Include	Y
			Include	Y

In-combination predicted collision impacts and sources for herri

Project	Predicted collision mortality	Source
Salamander	0.437	Buchan CEA
Green Volt	0.029	Buchan CEA
Caledonia South	0.010	RIAA
Caledonia North	0.010	RIAA
<b>TOTAL</b>	<b>0.486</b>	

ng gull

Link
<a href="#">bow_eia_volume_3_appendix_09.4_apportioning_derivation_pva_screening.pdf</a>
<a href="#">bow_eia_volume_3_appendix_09.4_apportioning_derivation_pva_screening.pdf</a>
<a href="#">241118 - caledonia - eia_app - app_doc 14 2- caledonia south - raa - redacted.pdf</a>
<a href="#">241118 - caledonia - eia_app - app_doc 13 2 - caledonia north - raa.pdf</a>

Project	Report	Link
Buchan	AEIR	This report
	RIAA	
Aspen	AEIR	<a href="#">additional_information_-_appendix_2_-_eiar_and_riaa_updates.pdf</a>
	RIAA	<a href="#">aspen_owf_riaa_chapter_3_ornithology_final.pdf</a>
Ayre	RIAA	<a href="#">Ayre Offshore Wind Farm Report to Inform Appropriate Assessment</a>
Marram	RIAA	<a href="#">Report to Inform Appropriate Assessment</a>
Spiorad na Mara	RIAA	<a href="#">Spiorad na Mara Offshore Windfarm</a>
Bellrock	RIAA	<a href="#">RIAA Part 3 Special Protection Area and Ramsar Assessments - Ornithology.pdf</a>

Number	Description
1	Filter "Step 1" column = "include"
2	Filter "Step 2" column = "include"
3	Filter "Step 3" column = "include"
4	Y* = compensation provided without prejudice in Additiional Information submission