

Table 1. Realized effort and unique sightings of cetaceans (all BSS, no truncation) in all aerial surveys. If the survey was conducted outside of June/July, the month is appended to the year. Sightings (S) and cue sightings (C) are shown for common minke whales except for 1986 when cues were not explicitly recorded. STRAT – stratum; K – number of transects; EFF – realized effort; BA – common minke whale; MN – humpback whale; LL – white-beaked dolphin; PP – harbour porpoise; BP – fin whale; GM – long finned pilot whale; OO – killer whale; PM – sperm whale; BM – blue whale; HA – northern bottlenose whale; LC – white-sided dolphin; D – unidentified dolphin; TT – common bottlenose dolphin.

YEAR	STRAT	AREA (nm ²)	K	EFFORT		BA		MN	LL	PP	BP	GM	OO	PM	BM	HA	LC	D?	TT
				(nm)	(hrs)	S	C												
1986	1	4,088	25	723	8.03	62			35	1	1		1				9	2	
1986	2	4,104	21	395	4.27	1				5							2		
1986	3	12,474	7	345	3.76	4		5	1		5						1	2	
1986	4	12,039	58	1,437	15.85	33		3	41	52			2	6	1			2	
1986	5	9,513	11	370	4.14	16			20					1					
1986	6	3,766	23	566	5.98	10			10	4			1					1	
1986	7	9,589	10	384	4.15	5		8		1						1			
1986	8	3,685	16	338	3.76	41		4	6	6			1					2	
1986	9	16,838	19	787	8.27	7		1	18	3	4	7	1	1			1	1	
1986	TOTAL	76,096	190	5,344	58.22	179		21	131	72	10	7	6	8	1	1	13	10	
1987	1	4,418	11	613	7.11	80	76	3	28	4					13		1	2	
1987	2	3,988	12	398	4.47	10	9	1	1	10									
1987	3	14,066	2	32	0.35	2	1	1											
1987	4	12,392	29	1,256	14.3	28	25		37	9				1					
1987	5	9,471	10	281	3.15	3	3		4	2									
1987	8	3,602	0	263	2.81	34	35		2	6		1							
1987	9	9,589	0	471	5.56	15	15	2	2	2		2					1		
1987	TOTAL	3,728	10	3,314	37.76	172	164	7	74	33		3		1	13		2	2	
1988	1	17,408	15	1,076	12.18	69	62	1	16	7								2	
1988	TOTAL	78,662	89	1,076	12.18	69	62	1	16	7								2	
1995	1	4,418	13	787	8.19	85	87	6	46	12			1		1				
1995	2	3,988	9	259	2.69	6	6	8	3	2									
1995	3	14,066	10	606	6.39	9	11	38	4	5	2	1		3					

YEAR	STRAT	AREA (nm ²)	K	EFFORT		BA		MN	LL	PP	BP	GM	OO	PM	BM	HA	LC	D?	TT
				(nm)	(hrs)	S	C												
1995	4	12,392	26	1,251	13.24	39	33	6	38	10		2	1	1				13	
1995	5	9,471	16	551	5.36	5	3	11	11		1		1					1	
1995	6	3,602	12	422	4.44	7	10	3					1						
1995	7	9,589	8	381	3.92	1	2	16	1		1					1			
1995	8	3,728	12	418	4.52	46	53	4	8	1								1	1
1995	9	17,408	18	779	7.98	17	15	4	23	23	9	7						1	
1995	TOTAL	78,662	124	5,453	56.71	215	220	96	134	53	13	10	4	4	1	1		16	1
2001	1	4,418	13	806	8.32	106	100	15	26	3	1		1	1	4			7	
2001	2	3,988	10	293	3.18	15	14	1	5	2								1	
2001	3	14,066	8	542	5.87	16	12	19	3	1	4	1		1	6			2	
2001	4	12,392	23	944	10.11	44	40	26	60	7			1	1				5	1
2001	5	10,782	10	369	3.86	9	8	8	8		1			1				2	
2001	6	3,602	12	356	3.9	22	23	41	3	1			1						
2001	7	14,384	9	503	5.66	3	3	63	4		2							3	
2001	8	3,728	12	419	4.4	41	37		10		1		1					4	
2001	9	18,186	16	645	6.65	12	13	1	9	2	4							1	
2001	TOTAL	85,546	113	4,877	51.94	268	250	174	128	16	13	1	4	4	10			25	1
2003.9	1	4,418	13	1,232	12.28	62	62	1		8								23	
2003.9	2	3,988	2	89	0.86				1									1	
2003.9	8	3,728	8	408	4.11	10	13			1		1				1		3	
2003.9	9	18,186	4	130	1.31					1	1	2						3	
2003.9	TOTAL	30,320	27	1,858	18.57	72	75	1	1	10	1	3				1		30	
2004	1	4,418	7	196	1.86	98	82	1		2								48	
2004	2	3,988	7	264	2.59	3	2											13	
2004	3	14,066	5	195	1.8	8	8	2		1								8	
2004	4	12,392	16	836	7.95	10	8	22		2					1			33	
2004	5	10,782	6	220	2.16	14	12	19						2				23	

YEAR	STRAT	AREA (nm ²)	K	EFFORT		BA		MN	LL	PP	BP	GM	OO	PM	BM	HA	LC	D?	TT	
				(nm)	(hrs)	S	C													
2004	6	3,602	10	305	2.88	5	4	26											4	
2004	7	14,384	2	143	1.43	3	3	3		1			1						1	
2004	8	3,728	8	249	2.44	16	17												4	
2004	9	18,186	12	536	5.14	15	14				2	14							5	
2004	TOTAL	85,546	77	3,161	30.61	175	152	78		6	2	14	1	2	1				147	
2004.4	1	4,418	7	469	4.88	6	6		3				1							
2004.4	2	3,988	7	193	2.93				3	1										
2004.4	3	14,066	4	226	2.33				7		1		1						1	
2004.4	4	12,392	8	365	3.77	2	2		5				2						1	
2004.4	5	10,782	3	150	1.7				5											
2004.4	6	3,602	1	33	0.35				1											
2004.4	8	3,728	8	164	1.81			1	15		3								1	
2004.4	9	18,186	5	351	3.77	2	2		3		9	6	6			2			2	
2004.4	TOTAL	71,162	43	1,952	21.55	10	10	1	42	1	13	6	10			2			5	
2004.9	1	4,418	5	297	3.06	28	27	1	3	10			3						4	
2004.9	4	12,392	12	505	5.28	3	2			1									12	
2004.9	8	3,728	5	161	1.62															1
2004.9	9	18,186	6	190	1.93	2	2									1			1	2
2004.9	TOTAL	38,724	28	1,153	11.88	33	31	1	3	11			3			1			17	3
2005.5	1	4,418	9	567	5.75	10	7		5											
2005.5	2	3,988	11	344	3.47			1					1							
2005.5	3	14,066	4	266	2.77				1		1								1	
2005.5	4	12,392	6	301	3.05	1	1	1	5					1					2	
2005.5	5	10,782	2	111	1.18	1	1	3	3										1	
2005.5	8	3,728	4	162	1.79	7	6	8			2		1						11	
2005.5	9	18,186	6	414	4.45	2	0				3					4			8	
2005.5	TOTAL	67,560	42	2,164	22.46	21	15	13	14		6		2	1		4			23	

YEAR	STRAT	AREA (nm ²)	K	EFFORT		BA		MN	LL	PP	BP	GM	OO	PM	BM	HA	LC	D?	TT
				(nm)	(hrs)	S	C												
2007	1	4,418	16	825	8.2	27	29	1	6	9	1		1						
2007	2	3,988	18	558	5.62	12	11	8	7	29			1					4	
2007	3	14,066	11	711	7.15	1	1	15	13	14			2					1	
2007	4	12,392	22	893	8.85	11	14	11	25	14			1	1			1	2	1
2007	5	10,782	11	366	3.63	2	2	16	21	6			3				2	6	
2007	6	3,602	15	406	4.08	10	8		12	11									
2007	7	14,384	7	355	3.48	3	3		1	1									
2007	8	3,728	15	457	4.46	1	1	2	8	9									
2007	9	18,186	16	746	7.46	3	2		7	24	5	9	2	1		1		2	
2007	TOTAL	85,546	131	5,371	53.46	70	71	53	103	118	6	9	10	2		1	3	15	1
2008	1	4,418	12	791	7.69	91	91	15	15	7		1	2	1				6	
2008	9	3,728	3	116	1.14														
2008	TOTAL	8,146	15	908	8.82	91	91	15	15	7		1	2	1				6	
2009	1	4,418	13	1,112	11.01	80	78	4	10	6			1					6	
2009	2	3,988	11	350	3.44	11	10	1	7	5			2						
2009	3	14,066	12	672	6.59	8	3	23	9	14								1	
2009	4	12,392	20	998	9.97	31	29	27	110	12			2	1				9	
2009	5	10,782	12	410	4.04	3	3	13	57		1		3	1				3	
2009	6	3,602	4	155	1.6	2	2	1										1	
2009	7	14,384	7	407	3.99	1	1						1	1		2			
2009	8	3,728	8	280	2.66	2	1		3	3				2					
2009	9	18,186	18	840	8.21	9	9		10	2		15	1	6				1	
2009	TOTAL	85,546	101	5,222	51.51	147	136	69	206	42	1	15	10	11		2		21	
2015	1	4,418	13	988	9.58	19	15		41	4	1	31	4					1	
2015	2	3,988	6	220	2.15	2	2	2	1	3			1						
2015	3	14,066	4	255	2.44	2	0	10	2		1	4							
2015	6	3,602	6	107	1.02	2	3	1		1								2	

YEAR	STRAT	AREA (nm ²)	K	EFFORT		BA		MN	LL	PP	BP	GM	OO	PM	BM	HA	LC	D?	TT
				(nm)	(hrs)	S	C												
2015	8	3,728	9	348	3.22	3	3		2	1									
2015	9	18,186	16	768	7.33	8	7		8	5	4	48		3	2				
2015	TOTAL	47,988	54	2,686	25.74	36	30	13	54	14	6	83	5	3	2			3	
2016	1	4,418	13	650	6.82	18	16	5	25	22		1						1	
2016	2	3,988	5	166	1.8	7	4		8	13			1					1	
2016	3	14,066	3	179	1.93	1	1	1	1	6		16						1	
2016	4	12,392	18	649	6.98	3	1	35	145	21			1			1		13	
2016	6	3,602	10	267	2.83	14	10	1	41	17								1	
2016	7	14,384	4	230	2.43	10	10		1	1						3			
2016	8	3,728	5	139	1.47	3	2					6	1						
2016	9	18,186	19	695	7.55	4	2			10	1	31		3		4			
2016	TOTAL	74,764	77	2,975	31.8	60	46	42	221	90	1	54	1	3		8		17	
ALL	TOTAL	917,996	1,121	47,513	493.22	1,618	1,347	585	1,142	480	72	206	58	40	28	21	18	339	6

Table 2. Estimated abundance of common minke whales in 2007. Blocks with subscript P are post-stratified. n – number of primary platform cue sightings after truncation; n/T – sighting rate (cue sightings per hour); edr – estimated detection radius; D – density (no. nm^{-2}); N – estimated abundance, uncorrected; N_c – estimated abundance, corrected for perception bias; $p(0)$ – proportion of visible sightings detected at radial distance 0; LCL – lower 95% confidence limit; UCL – upper 95% confidence limit.

BLOCK	n	n/T	CV	edr (m)	CV	D	N	CV	LCL	UCL	$p(0)$	CV	N_c	CV	LCL	UCL
1	21	1.96E+00	0.25			4.59E-01	2,027	0.39	756	3,749			2,870	0.39	1,059	5,430
2A	1	3.23E-01	0.97			7.41E-02	132	1.05	0	476			178	1.03	0	623
2B	2	9.05E-01	0.62			2.05E-01	452	0.69	0	1,163			616	0.69	0	1,590
3	0															
4	9	9.88E-01	0.44			2.29E-01	2,837	0.43	778	5,485			3,729	0.45	1,064	7,300
5	1	2.51E-01	0.98	421	0.09	6.04E-02	651	1.10	0	2,338	0.71	0.25	880	1.05	0	3,104
5 _p	1	2.56E-01	0.98			5.85E-02	352	1.00	0	1,153			495	1.03	0	1,707
6	7	1.76E+00	0.45			4.00E-01	1,441	0.52	260	3,116			2,007	0.53	378	4,346
7	3	8.57E-01	0.35			2.00E-01	2,876	0.48	646	5,795			4,051	0.48	941	8,661
7 _p	3	8.46E-01	0.36			1.97E-01	1,986	0.46	476	4,002			2,817	0.47	690	5,905
8	1	2.49E-01	0.96			5.85E-02	218	1.11	0	898			307	1.22	0	1,210
9	0															
9 _p	0															
TOTAL	45					1.24E-01	10,634	0.30	5,459	18,262			14,638	0.30	7,381	24,919
TOTAL_p	45					1.27E-01	9,200	0.28	4,568	14,781			13,089	0.28	6,910	21,229

Table 3. Abundance of common minke whales in 2007, estimated using sightings from primary observer P2 only. Blocks with subscript P are post-stratified. n – number of primary platform cue sightings after truncation; n/T – sighting rate (cue sightings per hour); edr – estimated detection radius; D – density (no. nm^{-2}); N – estimated abundance, uncorrected; N_c – estimated abundance, corrected for perception bias; $p(0)$ – proportion of visible sightings detected at radial distance 0; LCL – lower 95% confidence limit; UCL – upper 95% confidence limit.

BLOCK	n	n/T	CV	edr (m)	CV	D	N	CV	LCL	UCL	$p(0)$	CV	N_c	CV	LCL	UCL
1	11	1.01E+00	0.31			4.90E-01	2,166	0.46	659	4,529			2,974	0.47	888	6,316
2A	1	2.96E-01	1.02			1.50E-01	267	1.22	0	1,004			367	1.11	0	1,339
2B	2	8.83E-01	0.64			4.13E-01	913	0.69	0	2,314			1,239	0.68	0	3,117
3	0															
4	2	2.15E-01	0.67			1.06E-01	1,311	0.78	0	3,917			1,834	0.81	0	5,444
5	1	2.58E-01	0.98	417	0.12	1.19E-01	1,278	0.99	0	4,182	0.72	0.24	1,855	1.00	0	6,331
5 _p	1	2.69E-01	0.98			1.24E-01	747	1.05	0	2,488			1,040	0.95	0	3,459
6	7	1.65E+00	0.46			7.75E-01	2,793	0.51	456	5,884			3,991	0.51	760	8,661
7	3	8.45E-01	0.37			4.09E-01	5,880	0.49	1,449	12,119			7,946	0.49	1,877	16,438
7 _p	3	8.66E-01	0.35			4.19E-01	4,215	0.47	1,096	8,487			5,578	0.49	1,020	11,126
8	1	2.35E-01	0.99			1.20E-01	446	1.12	0	1,831			628	1.05	0	2,325
9	0															
9 _p	0															
TOTAL	28					1.76E-01	15,055	0.36	6,357	27,278			20,834	0.35	9,808	37,042
TOTAL_p	28					1.81E-01	13,091	0.33	5,792	23,035			17,650	0.34	7,220	30,695

Table 4. Estimated abundance of humpback whales in 2007. Blocks with subscript P are post-stratified. n – number of primary platform sightings after truncation; n/L – sighting rate (sightings nm^{-1}); esw – estimated strip half-width (m); $E(S)$ – expected cluster size; D – density (no. nm^{-2}); N – estimated abundance, uncorrected; N_c – estimated abundance, corrected for perception bias; $p(0)$ – proportion of visible sightings detected at perpendicular distance 0; LCL – lower 95% confidence limit; UCL – upper 95% confidence limit.

BLOCK	n	n/L	CV	$E(S)$	CV	esw	CV	D	N	CV	LCL	UCL	$p(0)$	CV	N_c	CV	LCL	UCL	
1	0																		
2	6	1.12E-02	0.59	1.34	0.08			1.07E-02	43	0.61	13	139			64	0.62	19	212	
3	10	1.43E-02	0.40	1.13	0.12			1.92E-02	270	0.53	91	802			405	0.54	135	1,221	
4	6	7.04E-03	0.57	1.42	0.07			1.01E-02	125	0.61	39	399			188	0.62	58	609	
5	15	3.91E-02	0.60	1.00	0.22	969.0	0.14	5.23E-02	564	0.55	180	1,767	0.87	0.13	848	0.56	268	2,685	
5 _p	15	3.91E-02	0.60	1.00	0.22			5.23E-02	314	0.55	100	985			472	0.57	149	1,496	
6	0																		
7	0																		
7 _p	0																		
8	1	2.26E-03	0.99	1.27	0.06			2.16E-03	8	1.00	1	48			12	1.00	2	73	
9	0																		
9 _p	0																		
TOTAL	38							1.18E-02	1,010	0.36	483	2,110			1,518	0.38	705	3,266	
TOTAL_p	38							1.05E-02	760	0.33	393	1,471			1,142	0.35	569	2,293	

Table 5. Estimated abundance of white-beaked dolphins in 2007. Blocks with subscript P are post-stratified. n – number of primary platform sightings after truncation; n/L – sighting rate (sightings nm^{-1}); esw – estimated strip half-width (m); $E(S)$ – expected cluster size; D – density (no. nm^{-2}); N – estimated abundance, uncorrected; N_c – estimated abundance, corrected for perception bias; $p(0)$ – proportion of visible sightings detected at perpendicular distance 0; LCL – lower 95% confidence limit; UCL – upper 95% confidence limit.

BLOCK	n	n/L	CV	$E(S)$	CV	esw	CV	D	N	CV	LCL	UCL	$p(0)$	CV	N_c	CV	LCL	UCL
1	3	3.88E-03	0.55	1.67	0.20	287.4	0.26	2.11E-02	93	0.60	29	301			95	0.60	29	310
2	5	9.35E-03	0.51	1.34	0.08	207.4	0.30	2.38E-01	950	0.50	351	2,570			977	0.50	360	2,651
3	10	1.43E-02	0.47	1.13	0.12	169.8	0.24	3.89E-01	5,467	0.44	2,161	13,828			5,590	0.45	2,208	14,153
4	23	2.70E-02	0.31	1.42	0.07	216.0	0.14	5.57E-01	6,900	0.29	3,819	12,468			7,063	0.30	3,892	12,814
5	14	3.65E-02	0.37	1.00	0.22	191.2	0.20	1.24E+00	13,418	0.41	5,630	31,979	0.98	0.04	13,783	0.41	5,760	32,980
5 _p	14	3.65E-02	0.37	1.00	0.22	191.2	0.20	1.24E+00	7,477	0.41	3,137	17,820			7,680	0.41	3,210	18,377
6	9	2.33E-02	0.46	1.51	0.17	212.4	0.26	5.85E-01	2,108	0.48	787	5,650			2,153	0.49	803	5,775
7	1	3.00E-03	0.91	1.13	0.06	117.9	0.26	4.71E-02	677	0.94	93	4,908			696	0.94	96	5,043
7 _p	1	3.00E-03	0.91	1.13	0.06	117.9	0.26	4.71E-02	473	0.94	65	3,434			487	0.94	67	3,529
8	4	9.02E-03	0.43	1.27	0.06	278.9	0.24	1.59E-01	594	0.56	196	1,803			602	0.55	199	1,819
9	4	5.59E-03	0.68	1.30	0.07	161.5	0.43	8.41E-01	15,290	0.97	2,775	84,260			15,725	0.97	2,851	86,743
9 _p	4	5.59E-03	0.68	1.30	0.07	161.5	0.43	8.41E-01	11,942	0.97	2,167	65,810			12,282	0.97	2,226	67,750
TOTAL	73					203.1	0.09	5.32E-01	45,497	0.37	21,966	94,237			46,683	0.37	22,409	97,251
TOTAL_p	73					203.1	0.09	4.97E-01	36,005	0.36	17,689	73,286			36,929	0.36	18,037	75,607

Table 6. Abundance of common minke whales in 2009. Blocks with subscript P are post-stratified. n – number of primary platform cue sightings after truncation; n/T – sighting rate (cue sightings per hour); edr – estimated detection radius; D – density (no. nm^{-2}); N – estimated abundance, uncorrected; N_c – estimated abundance, corrected for perception bias; $p(0)$ – proportion of visible sightings detected at radial distance 0; LCL – lower 95% confidence limit; UCL – upper 95% confidence limit.

BLOCK	n	n/T	CV	edr (m)	CV	$E(s)$	CV	D	N	CV	LCL	UCL	$p(0)$	CV	N_c	CV	LCL	UCL
1	53	4.93	0.31					2.93E-01	1,292	0.41	353	2,395			2,326	0.40	780	4,372
2	4	1.45	0.25					8.22E-02	328	0.32	116	527			590	0.33	205	959
3	3	0.50	0.63					3.01E-02	423	0.56	0	959			776	0.54	0	1,726
4	19	2.31	0.45					1.34E-01	1,662	0.41	560	3,196			3,006	0.42	1,089	6,103
5	3	0.91	0.58	849	0.05	1.01	0.02	5.42E-02	585	0.59	0	1386	0.55	0.10	1,074	0.54	0	2,436
6	1	1.25	0.91					7.46E-02	269	0.83	0	751			475	0.85	0	1,374
6 _p	1	1.25	0.91					7.44E-02	142	0.85	0	404			252	0.84	0	737
7	0																	
8	0																	
9	5	0.69	0.41					3.99E-02	725	0.52	127	1577			1,341	0.51	232	2,848
9 _p	5	0.69	0.41					4.00E-02	567	0.49	110	1216			1,060	0.50	175	2,211
TOTAL	88							6.18E-02	5,284	0.24	2,915	7,822			9,588	0.24	5,274	14,420
TOTAL_p	88							6.24E-02	4,978	0.25	2,691	7,569			9,129	0.24	5,084	13,766

Table 7. Estimated abundance of humpback whales in 2009. Blocks with subscript P are post-stratified. n – number of primary platform sightings after truncation; n/L – sighting rate (sightings nm^{-1}); esw – estimated strip half-width (m); $E(S)$ – expected cluster size; D – density (no. nm^{-2}); N – estimated abundance, uncorrected; N_c – estimated abundance, corrected for perception bias; $p(0)$ – proportion of visible sightings detected at perpendicular distance 0; LCL – lower 95% confidence limit; UCL – upper 95% confidence limit.

BLOCK	n	n/L	CV	$E(S)$	CV	esw	CV	D	Ns	CV	LCL	UCL	$p(0)$	CV	N_c	CV	LCL	UCL
1	2	1.84E-03	0.94	1.50	0.33	485.9	0.56	5.25E-03	23	0.95	4	128			26	0.97	5	146
2	1	3.57E-03	1.06	1.00	0.00	903.0	0.56	3.66E-03	15	1.08	2	102			17	1.10	2	116
3	15	2.44E-02	0.48	1.80	0.18	702.1	0.19	5.79E-02	815	0.57	263	2,526			921	0.60	289	2,937
4	19	2.34E-02	0.28	1.09	0.08	622.0	0.18	4.45E-02	551	0.38	256	1,186			622	0.42	273	1,419
5	10	3.25E-02	0.29	0.90	0.05	672.2	0.24	5.10E-02	550	0.46	213	1,422	0.89	0.18	621	0.49	232	1,666
6	1	1.30E-02	0.96	1.00	0.00	903.0	0.24	1.33E-02	48	0.99	4	582			54	1.00	5	627
6 _p	1	1.30E-02	0.96	1.00	0.00	903.0	0.24	1.33E-02	25	0.99	2	308			29	1.00	2	331
7	0																	
8	0																	
9	0																	
9 _p	0																	
TOTAL	48					656.4	0.11	2.34E-02	2,002	0.30	1,096	3,655			2,261	0.35	1,142	4,477
TOTAL_p	48					656.4	0.11	2.48E-02	1,979	0.31	1,079	3,629			2,235	0.35	1,124	4,442

Table 8. Estimated abundance of white-beaked dolphins in 2009. Blocks with subscript P are post-stratified. n – number of primary platform sightings after truncation; n/L – sighting rate (sightings nm^{-1}); esw – estimated strip half-width (m); $E(S)$ – expected cluster size; D – density (no. nm^{-2}); N – estimated abundance, uncorrected; N_c – estimated abundance, corrected for perception bias; $p(0)$ – proportion of visible sightings detected at perpendicular distance 0; LCL – lower 95% confidence limit; UCL – upper 95% confidence limit.

BLOCK	n	n/L	CV	$E(S)$	CV	esw	CV	D	N	CV	LCL	UCL	$p(0)$	CV	N_c	CV	LCL	UCL
1	6	5.51E-03	0.45	2.00	0.22			3.82E-02	169	0.58	54	524			336	0.67	97	1,168
2	2	7.15E-03	0.71	5.00	0.40			1.24E-01	494	0.81	102	2,379			983	0.88	195	4,960
3	6	9.76E-03	0.40	2.50	0.31			8.46E-02	1,189	0.47	459	3,083			2,369	0.58	790	7,105
4	57	7.03E-02	0.28	4.42	0.10			1.08E+00	13,336	0.31	7,207	24,677			26,562	0.46	11,111	63,499
5	38	1.24E-01	0.73	4.42	0.10	267.3	0.10	1.89E+00	20,408	0.78	4,521	92,122	0.50	0.35	40,648	0.85	8,522	193,891
6	0																	
6 _p	0																	
7	0																	
8	1	3.69E-03	0.95	2.00	0.00			2.56E-02	95	0.95	14	672			190	1.01	27	1,324
9	7	9.06E-03	0.35	5.29	0.61			1.34E-01	2,446	0.65	707	8,464			4,871	0.74	1,272	18,661
9 _p	7	9.06E-03	0.35	5.29	0.61			1.35E-01	1,903	0.65	550	6,586			3,790	0.74	989	14,519
TOTAL	117							4.46E-01	38,136	0.44	15,499	93,831			75,959	0.56	26,366	218,834
TOTAL_p	117							4.71E-01	37,593	0.44	15,117	93,483			74,878	0.56	25,790	217,400

Table 9. Abundance of common minke whales in 2016. Blocks with subscript P are post-stratified. n – number of primary platform cue sightings after truncation; n/T – sighting rate (cue sightings per hour); edr – estimated detection radius; D – density (no. nm^{-2}); N – estimated abundance, uncorrected; N_c – estimated abundance, corrected for perception bias; $p(0)$ – proportion of visible sightings detected at radial distance 0; LCL – lower 95% confidence limit; UCL – upper 95% confidence limit.

BLOCK	n	n/T	CV	$E(S)$	CV	edr	CV	D	N	CV	LCL	UCL	$p(0)$	CV	N_c	CV	LCL	UCL
1	10	4.59E-04	0.44					2.23E-01	987	0.48	369	2,644			1,028	0.50	372	2,838
2	3	4.71E-04	0.83					2.29E-01	914	0.85	97	8,589			952	0.87	105	8,600
2 _p	3	4.71E-04	0.83					2.29E-01	481	0.85	51	4,523			501	0.87	55	4,529
3	0																	
3 _p	0																	
4	0			0.03	0.03	577	0.09						0.96	0.19				
6	9	7.88E-04	0.67					3.83E-01	1,381	0.70	343	5,565			1,438	0.71	352	5,868
7	10	1.13E-03	0.68					5.48E-01	7,878	0.71	701	88,499			8,201	0.72	818	82,231
7 _p	10	1.13E-03	0.68					2.16E-01	4,842	0.71	431	54,389			5,040	0.72	503	50,537
8	2	4.43E-04	1.15					2.16E-01	805	1.16	18	35,774			838	1.17	21	34,024
9	2	1.13E-04	0.67					5.50E-02	1,000	0.70	252	3,969			1,041	0.71	258	4,191
TOTAL	36							1.73E-01	12,966	0.47	3,384	49,688			13,497	0.50	3,312	55,007
TOTAL_p	36							1.68E-01	9,497	0.43	3,200	28,183			9,885	0.45	3,132	31,197

Table 10. Estimated abundance of white-beaked dolphins in 2016. Blocks with subscript P are post-stratified. n – number of primary platform sightings after truncation; n/L – sighting rate (sightings nm^{-1}); esw – estimated strip half-width (m); $E(S)$ – expected cluster size; D – density (no. nm^{-2}); N – estimated abundance, uncorrected; N_c – estimated abundance, corrected for perception bias; $p(0)$ – proportion of visible sightings detected at perpendicular distance 0; LCL – lower 95% confidence limit; UCL – upper 95% confidence limit.

BLOCK	n	n/L	CV	$E(S)$	CV	esw	$f(0)$	CV	D	N_s	CV	LCL	UCL	$p(0_p)$	CV	N_c	CV	LCL	UCL
1	19	3.31E-02	0.52	3.05	0.16	231	4.32E-03	0.16	3.48E-01	1,536	0.48	555	4,251			2,035	0.49	733	5,650
2	6	3.65E-02	0.98	3.17	0.17	261	3.83E-03	0.45	3.98E-01	1,588	0.98	117	21,484			2,212	0.99	169	28,945
2P	6	3.65E-02	0.98	3.17	0.17	261	3.83E-03	0.45	3.98E-01	836	0.98	62	11,313			1,165	0.99	89	15,242
3	0																		
3 _p	0																		
4	96	1.45E-01	0.23	5.84	0.17	249	4.01E-03	0.09	2.90E+00	35,996	0.49	13,538	95,707	0.72	0.13	50,582	0.52	18,409	138,984
6	20	6.71E-02	0.33	4.55	0.18	400	2.50E-03	0.23	1.05E+00	3,787	0.35	1,782	8,052			5,137	0.37	2367	11151
7	0																		
7 _p	0																		
8	0																		
9	0																		
TOTAL	141			5.16	0.135	269	3.72E-03	0.07	5.74E-01	42,908	0.42	18,536	99,328			59,966	0.44	24,907	144,377
TOTAL	141			5.16	0.135	269	3.72E-03	0.07	7.46E-01	42,156	0.42	17,994	98,764			58,919	0.45	24,191	143,499

Table 11. Estimated abundance of harbour porpoises in 2016. Blocks with subscript P are post-stratified. n – number of primary platform sightings after truncation; n/L – sighting rate (sightings nm^{-1}); esw – estimated strip half-width (m); $E(S)$ – expected cluster size; D – density (no. nm^{-2}); N – estimated abundance, uncorrected; N_c – estimated abundance, corrected for perception bias; $p(0)$ – proportion of visible sightings detected at perpendicular distance 0; LCL – lower 95% confidence limit; UCL – upper 95% confidence limit.

BLOCK	n	n/T	CV	$E(S)$	CV	esw	CV	D	N	CV	LCL	UCL	$p(0)$	CV	N_c	CV	LCL	UCL
1	15	2.61E-02	0.54	1.44	0.21	216.9	0.16	1.60E-01	708	0.37	325	1,545			1,537	0.55	548	4,310
2	11	6.70E-02	1.00	1.09	0.08	265.3	0.11	2.55E-01	1,016	0.15	754	1,372			2,207	0.43	968	5,033
2 _p	11	6.70E-02	1.00	1.09	0.08	265.3	0.11	2.55E-01	535	0.15	397	722			1,162	0.43	510	2,650
3	3	1.66E-02	0.23	1	0	121.4	0.59	1.26E-01	1,778	0.77	119	26,508			3,860	0.87	428	34,802
3 _p	3	1.66E-02	0.23	1	0	121.4	0.59	1.26E-01	414	0.77	28	6,175			899	0.87	100	8,107
4	19	2.87E-02	0.09	1.48	0.11	182.1	0.19	2.16E-01	2,677	0.36	1,289	5,563	0.45	0.41	5,812	0.54	2,105	16,048
6	9	3.02E-02	0.33	1.68	0.21	152.3	0.29	3.08E-01	1,110	0.37	513	2,401			2,410	0.54	863	6,727
7	1	4.30E-03	0.29	1	0	174.4	0.29	2.30E-02	328	1.01	10	10,473			712	1.09	38	13,346
7 _p	1	4.30E-03	0.29	1	0	174.4	0.29	2.30E-02	202	1.01	6	6,438			438	1.09	23	8,204
8	0																	
9	7	1.54E-02	0.46	1.78	0.27	160.1	0.36	1.59E-01	2,887	0.64	792	10,521			6,266	0.76	1,538	25,529
TOTAL	65			1.38	0.11	186.7	0.10	1.41E-01	10,506	0.26	6,120	18,036			22,806	0.48	9,166	56,746
TOTAL_p	65			1.38	0.11	186.7	0.10	1.51E-01	8,534	0.27	4,920	17,804			18,527	0.49	7,395	46,414