

Table 4. Estimated density and abundance of blue whales identified with high, medium and low confidence from the combined platforms using revised (non-compromised) effort sailed under acceptable conditions. Totals are shown for original and with block IG post-stratified to eliminate overlap with the East Greenland survey (_EG). IGIR_N covers the overlap area between the core survey and the fall capelin survey (CAP). *n*- number of sightings; *L* – effort (nm); *E(S)*- group size; *esw* – effective search half width (m); *f(0)* – probability density of the detection function at distance 0; *D*- density of animals (number nm⁻²; *N*- abundance, *N_s* uncorrected for perception bias, *N_c* corrected for perception bias; LCL and UCL – upper and lower confidence limits; *p(0)* – probability of detection at distance 0.

Block	n	n/L	cv	E(S)	cv	esw	f(0)	cv	D	Ns	cv	LCL	UCL	p(0)	cv	Nc	cv	LCL	UCL
FC	0	0.00E+00	0.00						0.00E+00	0	0.00	0	0			0	0.00	0	0
FW	3	1.82E-03	0.92	1.00					1.28E-03	227	0.93	37	1,376			273	0.95	45	1,665
IE	0																		
IG	12	7.07E-03	0.48	1.17	0.14				5.79E-03	544	0.53	198	1,498			656	0.56	228	1,884
IG_EG	11	6.62E-03	0.50	1.18	0.15				5.35E-03	486	0.56	170	1,389			586	0.59	197	1,743
IP	2	2.30E-03	0.93	1.00	0.00	1318.5	7.58E-04	0.18	1.61E-03	225	0.95	26	1,954	0.83	0.15	271	0.96	32	2,296
IQ	0																		
IR	16	1.22E-02	0.51	1.38	0.13				1.17E-02	1,274	0.56	441	3,680			1,535	0.58	511	4,609
IW	6	6.21E-03	0.41	1.33	0.16				5.81E-03	220	0.48	86	564			266	0.51	99	711
SW	0																		
TOTAL	39								3.06E-03	2,490	0.36	1,234	5,022			3,000	0.40	1,377	6,534
TOTAL_EG	38								2.93E-03	2,379	0.37	1,164	4,861			2,866	0.41	1,301	6,314
IG_N	2	1.26E-02	0.6	1	0				8.87E-03		0.62								
IR_N	11	2.25E-02	0.76	1.55	0.16				2.44E-02		0.79								
IGIR_N	13								2.25E-02		0.76								
CAP	1																		