

Table 3. Estimated density and abundance of humpback 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	<i>E(S)</i>	cv	<i>esw</i> (m)	<i>f(0)</i>	cv	<i>D</i>	<i>N_s</i>	cv	LCL	UCL	<i>p(0)</i>	cv	<i>N_c</i>	cv	LCL	UCL
FC	5	5.11E-03	0.50	1.60	0.38				4.87E-03	379	0.63	99	1,449			571	0.72	108	3,009
FW	10	6.08E-03	0.32	1.20	0.11				4.35E-03	769	0.35	365	1,621			1,059	0.42	447	2,509
IE	7	7.66E-03	0.36	1.00	0.00				4.56E-03	493	0.37	231	1,052			966	0.52	359	2,595
IG	19	1.12E-02	0.53	1.37	0.08				9.13E-03	857	0.55	302	2,437			1,111	0.53	409	3,021
IG_EG	18	1.08E-02	0.53	1.39	0.09				8.93E-03	811	0.54	289	2,280			1,073	0.53	394	2,923
IP	0					1554.7	6.43E-04	0.09						0.69	0.21				
IQ	0																		
IR	50	3.80E-02	0.46	1.66	0.08				3.75E-02	4,076	0.48	1,598	10,396			6,051	0.50	2,335	15,686
IW	3	3.10E-03	0.71	1.00	0.00				1.85E-03	70	0.71	18	279			110	0.78	26	477
SW	0																		
TOTAL	94								8.18E-03	6,643	0.32	3,543	12,456			9,867	0.37	4,854	20,058
TOTAL_EG	93								8.11E-03	6,572	0.32	3,503	12,328			9,904	0.37	4,831	20,304
IG_N	8	5.05E-02	0.63	1.5	0.13				4.52E-02		0.65								
IR_N	45	9.20E-02	0.44	1.71	0.08				9.37E-02		0.45								
IGIR_N	53								8.78E-02		0.43								
CAP	38	1.08E-01		1.36	0.10	1255.0	7.97E-04	0.13	1.09E-01										