

Table 1. Estimated density and abundance of fin 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 post-stratified (PS) blocks, as well as regional estimates (Figure 1), 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<sup>-2</sup>; *N*- abundance, *N<sub>s</sub>* uncorrected for perception bias, *N<sub>c</sub>* 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	N <sub>s</sub>	cv	LCL	UCL	p(0)	cv	N <sub>c</sub>	cv	LCL	UCL
FC	31	3.17E-02	0.60	1.95	0.29	1013.1	9.87E-04	0.17	5.60E-02	4,357	0.75	706	26,904			5,014	0.75	813	30,926
FW	65	3.95E-02	0.33	1.34	0.08	1059.3	9.44E-04	0.11	4.74E-02	8,379	0.38	3,615	19,421			9,643	0.39	4,156	22,372
FW_E	20	2.92E-02	0.37	1.13	0.12	1293.9	7.73E-04	0.11	2.67E-02	1,693	0.48	589	4,866			1,948	0.48	677	5,602
FW_W	45	4.69E-02	0.37	1.42	0.07	980.3	1.02E-03	0.23	6.21E-02	7,094	0.41	2,757	18,254			8,164	0.41	3,172	21,012
IE	6	6.57E-03	0.71	1.00	0.00	1917.6	5.21E-04	0.23	3.17E-03	343	0.72	87	1,348			394	0.72	100	1,553
IG	198	1.17E-01	0.16	1.51	0.17	1636.6	6.11E-04	0.05	8.22E-02	7,722	0.16	5,588	10,670	0.87	0.03	8,887	0.16	6,395	12,349
IG_EG	196	1.18E-01	0.16	1.23	0.03	1643.7	6.08E-04	0.05	8.25E-02	7,502	0.16	5,442	10,342			8,641	0.16	6,232	11,982
IP	27	3.10E-02	0.58	1.11	0.07	1257.8	7.95E-04	0.15	2.58E-02	3,595	0.54	907	14,257			4,138	0.54	1,045	16,384
IQ	6	1.61E-02	0.25	1.17	0.14	1009.9	9.90E-04	0.35	1.64E-02	1,150	0.39	300	4,417			1,324	0.39	348	5,039
IR	40	3.04E-02	0.24	1.30	0.07	1378.6	7.25E-04	0.14	2.64E-02	2,866	0.34	1,436	5,721			3,298	0.35	1,649	6,599
IW	115	1.23E-01	0.14	1.41	0.06	1757.8	5.69E-04	0.06	9.34E-02	3,541	0.19	2,395	5,234			4,075	0.19	2,746	6,048
SW	3	2.54E-02	0.00	1.00	0.00	2000.5	5.00E-04	0.30											
<b>TOTAL</b>	<b>495</b>					<b>1448.7</b>	<b>6.90E-04</b>	<b>0.04</b>	<b>3.93E-02</b>	<b>31,953</b>	<b>0.17</b>	<b>22,536</b>	<b>45,306</b>			<b>36,773</b>	<b>0.17</b>	<b>25,811</b>	<b>52,392</b>
<b>TOTAL_PS</b>	<b>495</b>					<b>1448.7</b>	<b>6.90E-04</b>	<b>0.04</b>	<b>3.98E-02</b>	<b>32,361</b>	<b>0.16</b>	<b>23,040</b>	<b>45,453</b>			<b>37,243</b>	<b>0.17</b>	<b>26,386</b>	<b>52,568</b>
<b>TOTAL_EG</b>	<b>493</b>					<b>1448.7</b>	<b>6.90E-04</b>	<b>0.04</b>	<b>3.92E-02</b>	<b>31,719</b>	<b>0.17</b>	<b>22,300</b>	<b>45,115</b>			<b>36,536</b>	<b>0.17</b>	<b>25,564</b>	<b>52,218</b>
<b>E</b>	<b>57</b>					<b>1448.7</b>	<b>6.90E-04</b>	<b>0.04</b>	<b>2.69E-02</b>	<b>6,393</b>	<b>0.53</b>	<b>1,759</b>	<b>23,226</b>			<b>7,357</b>	<b>0.53</b>	<b>2,026</b>	<b>26,707</b>
<b>WI</b>	<b>210</b>					<b>1448.7</b>	<b>6.90E-04</b>	<b>0.04</b>	<b>4.43E-02</b>	<b>14,651</b>	<b>0.22</b>	<b>9,044</b>	<b>23,736</b>			<b>16,862</b>	<b>0.22</b>	<b>10,385</b>	<b>27,377</b>
<b>W</b>	<b>435</b>					<b>1448.7</b>	<b>6.90E-04</b>	<b>0.04</b>	<b>4.94E-02</b>	<b>27,843</b>	<b>0.17</b>	<b>19,693</b>	<b>39,366</b>			<b>32,043</b>	<b>0.17</b>	<b>22,552</b>	<b>45,526</b>
<b>EG</b>	<b>225</b>					<b>1448.7</b>	<b>6.90E-04</b>	<b>0.04</b>	<b>4.85E-02</b>	<b>11,317</b>	<b>0.21</b>	<b>7,110</b>	<b>18,013</b>			<b>13,024</b>	<b>0.21</b>	<b>8,166</b>	<b>20,773</b>
IG_N	7	4.42E-02	0.32	1.00	0.00	1643.0	6.48E-04	0.27	3.94E-02		0.55								
IR_N	10	2.04E-02	0.54	1.55	0.16	1522.2	6.57E-04	0.24	1.59E-02		0.50								
IGIR_N	17								1.88E-02		0.40								
CAP	38	1.08E-01		1.23	0.07	2131.0	4.69E-04	0.15	5.80E-02										