

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	<i>E(S)</i>	cv	<i>esw</i>	<i>f(0)</i>	cv	<i>D</i>	<i>N<sub>s</sub></i>	cv	LCL	UCL	<i>p(0)</i>	cv	<i>N<sub>c</sub></i>	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										

Table 2. Estimated density and abundance of common minke 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<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	<i>E(S)</i>	cv	<i>esw</i>	<i>f(0)</i>	cv	<i>D</i>	<i>N<sub>s</sub></i>	cv	LCL	UCL	<i>p(0)</i>	cv	<i>D<sub>c</sub></i>	<i>N<sub>c</sub></i>	cv	LCL	UCL
CG	12	1.59E-02	0.49	1.00	0.00	525.9	1.90E-03	0.17	2.79E-02	1,295	0.48	499	3,363			5.88E-02	2,726	0.52	994	7,477
CG_EG	12	1.62E-02	0.49	1.00	0.00	525.9	1.90E-03	0.17	2.86E-02	1,238	0.48	480	3,191			6.02E-02	2,606	0.52	957	7,100
FC	28	3.81E-02	0.61	1.14	0.06	472.8	2.11E-03	0.13	9.17E-02	7,779	0.67	1,867	32,411			1.52E-01	12,926	0.64	3,353	49,828
FW	8	9.49E-03	0.40	1.00	0.00	525.9	1.90E-03	0.21	1.67E-02	2,850	0.41	1,160	6,999			2.97E-02	5,072	0.43	2,071	12,423
IC	15	3.66E-02	0.41	1.07	0.06	499.7	2.00E-03	0.17	7.55E-02	6,469	0.46	2,544	16,454			1.48E-01	12,710	0.53	4,498	35,911
IE	5	1.41E-02	0.64	1.20	0.17	454.5	2.20E-03	0.32	3.76E-02	2,685	0.65	725	9,941	0.51	0.18	7.93E-02	5,655	0.73	1,364	23,441
IQ	0																			
IR	2	4.73E-03	0.81	1.50	0.33	377.5	2.65E-03	0.56	1.90E-02	1,001	0.81	163	6,131			2.30E-02	1,207	0.82	199	7,337
IW	5	5.27E-03	0.47	1.20	0.17	454.5	2.20E-03	0.32	1.43E-02	1,328	0.57	439	4,020			2.39E-02	2,218	0.53	797	6,172
SW	0																			
X	22	7.59E-02	0.82	1.18	0.09	444.5	2.25E-03	0.18	0.00E+00	0	0.00	0	0			0.00E+00	0	0.00	0	0
<b>TOTAL</b>	<b>109</b>					<b>475.3</b>	<b>2.10E-03</b>	<b>0.07</b>	<b>2.88E-02</b>	<b>23,407</b>	<b>0.28</b>	<b>13,035</b>	<b>42,032</b>			<b>5.23E-02</b>	<b>42,515</b>	<b>0.31</b>	<b>22,896</b>	<b>78,942</b>
<b>TOTAL_EG</b>	<b>109</b>					<b>475.3</b>	<b>2.10E-03</b>	<b>0.07</b>	<b>2.89E-02</b>	<b>23,350</b>	<b>0.29</b>	<b>12,988</b>	<b>41,977</b>			<b>5.24E-02</b>	<b>42,394</b>	<b>0.31</b>	<b>22,811</b>	<b>78,789</b>
<b>TOTAL-I</b>	<b>39</b>					<b>475.3</b>	<b>2.10E-03</b>	<b>0.07</b>	<b>2.29E-02</b>	<b>12,756</b>	<b>0.29</b>	<b>7,090</b>	<b>22,950</b>			<b>4.40E-02</b>	<b>24,517</b>	<b>0.37</b>	<b>12,016</b>	<b>50,026</b>
<b>TOTAL-F</b>	<b>36</b>					<b>475.3</b>	<b>2.10E-03</b>	<b>0.07</b>	<b>4.16E-01</b>	<b>10,629</b>	<b>0.50</b>	<b>3,562</b>	<b>31,715</b>			<b>7.05E-02</b>	<b>17,998</b>	<b>0.48</b>	<b>6,470</b>	<b>50,069</b>
CG_N	8	3.60E-02																		
IC_N	0	0.00E+00																		
IE_N	0	0.00E+00																		
IGIR_N	8	2.02E-02																		
CAP	1	6.90E-03																		

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<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	<i>E(S)</i>	cv	<i>esw</i> (m)	<i>f(0)</i>	cv	<i>D</i>	<i>N<sub>s</sub></i>	cv	LCL	UCL	<i>p(0)</i>	cv	<i>N<sub>c</sub></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																		
<b>TOTAL</b>	<b>94</b>								<b>8.18E-03</b>	<b>6,643</b>	<b>0.32</b>	<b>3,543</b>	<b>12,456</b>			<b>9,867</b>	<b>0.37</b>	<b>4,854</b>	<b>20,058</b>
<b>TOTAL_EG</b>	<b>93</b>								<b>8.11E-03</b>	<b>6,572</b>	<b>0.32</b>	<b>3,503</b>	<b>12,328</b>			<b>9,904</b>	<b>0.37</b>	<b>4,831</b>	<b>20,304</b>
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								
<b>IGIR_N</b>	<b>53</b>								<b>8.78E-02</b>		<b>0.43</b>								
<b>CAP</b>	<b>38</b>	<b>1.08E-01</b>		<b>1.36</b>	<b>0.10</b>	<b>1255.0</b>	<b>7.97E-04</b>	<b>0.13</b>	<b>1.09E-01</b>										

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<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	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																		
<b>TOTAL</b>	<b>39</b>								<b>3.06E-03</b>	<b>2,490</b>	<b>0.36</b>	<b>1,234</b>	<b>5,022</b>			<b>3,000</b>	<b>0.40</b>	<b>1,377</b>	<b>6,534</b>
<b>TOTAL_EG</b>	<b>38</b>								<b>2.93E-03</b>	<b>2,379</b>	<b>0.37</b>	<b>1,164</b>	<b>4,861</b>			<b>2,866</b>	<b>0.41</b>	<b>1,301</b>	<b>6,314</b>
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								<b>2.25E-02</b>		<b>0.76</b>								
CAP	1																		

Table 5. Estimated density and abundance of sei whales identified with high, medium and low confidence from the combined platforms using revised (non-compromised) effort sailed under acceptable conditions.  $n$ - 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.

<b>Block</b>	<b>n</b>	<b><math>n/L</math></b>	<b>cv</b>	<b><math>E(S)</math></b>	<b>cv</b>	<b><math>esw</math></b>	<b><math>f(0)</math></b>	<b>cv</b>	<b><math>D</math></b>	<b><math>N_s</math></b>	<b>cv</b>	<b>LCL</b>	<b>UCL</b>	<b><math>p(0)</math></b>	<b>cv</b>	<b><math>N_c</math></b>	<b>cv</b>	<b>LCL</b>	<b>UCL</b>
FC	0																		
FW	3	1.82E-03	0.66	1.00	0.00	795.0	1.26E-03	0.53	2.12E-03	376	0.70	92	1,527			453	0.72	110	1,867
IE	0																		
IG	12	7.07E-03	0.89	1.25	0.10	2054.2	4.87E-04	0.23	3.87E-03	364	0.83	83	1,591	0.83	0.17	438	0.85	98	1,955
IP	16	1.84E-02	0.64	2.19	0.20	2399.7	4.17E-04	0.12	1.55E-02	2,159	0.70	420	11,106			2,601	0.72	513	13,183
IQ	0																		
IR	0																		
IW	3	3.10E-03	0.70	1.67	0.20	795.0	1.26E-03	0.52	6.03E-03	228	0.72	58	897			275	0.74	69	1,104
SW	0																		
<b>TOTAL</b>	<b>34</b>					<b>1695.3</b>	<b>5.90E-04</b>	<b>0.16</b>	<b>3.85E-03</b>	<b>3,127</b>	<b>0.51</b>	<b>964</b>	<b>10,142</b>			<b>3,767</b>	<b>0.54</b>	<b>1,156</b>	<b>12,270</b>

Table 6. Estimated density and abundance of sperm whales identified with high, medium and low confidence from the combined platforms using revised (non-compromised) effort sailed under acceptable conditions. 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	Ns	cv	LCL	UCL	p(0)	cv	Nc	cv	LCL	UCL
FC	14	1.43E-02	0.51	1.43	0.10				1.74E-02	1,356	0.54	359	5,123			4,992	0.72	1,252	19,896
FW	37	2.25E-02	0.52	1.30	0.11				2.49E-02	4,402	0.53	1,430	13,554			16,204	0.71	4,370	60,086
IE	4	4.38E-03	0.51	1.00	0.00				1.50E-03	162	0.51	58	451			213	0.54	74	611
IG	13	7.66E-03	0.54	1.23	0.10				3.23E-03	304	0.58	101	915			399	0.60	129	1,239
IP	8	9.19E-03	0.87	1.25	0.13	1482.9	6.74E-04	0.08	3.94E-03	548	0.75	86	3,483	0.34	0.42	721	0.77	117	4,447
IQ	0																		
IR	8	6.08E-03	0.49	1.25	0.20				2.60E-03	283	0.48	109	731			372	0.51	139	996
IW	14	1.45E-02	0.47	1.07	0.07				5.32E-03	202	0.45	79	514			265	0.48	101	698
SW	9	7.62E-02	0.00	1.00	0.00				2.61E-02										
<b>TOTAL</b>	<b>107</b>								<b>8.93E-03</b>	<b>7,257</b>	<b>0.35</b>	<b>3,461</b>	<b>15,215</b>			<b>23,166</b>	<b>0.59</b>	<b>7,699</b>	<b>69,709</b>
IG_N	0																		
IR_N	2	7.19E-02	0.61	2.00	0.50				5.11E-03	155	0.88								
<b>IGIR_N</b>	<b>2</b>								<b>4.48E-03</b>	<b>155</b>	<b>0.88</b>								
<b>CAP</b>	<b>1</b>																		

Table 7. Estimated density and abundance of long-finned pilot whales identified with high, medium and low confidence from the combined platforms using revised (non-compromised) effort sailed under acceptable conditions. *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	<i>E(S)</i>	cv	<i>esw</i>	<i>f(0)</i>	cv	<i>D</i>	<i>N<sub>s</sub></i>	cv	LCL	UCL	<i>p(0)</i>	cv	<i>N<sub>c</sub></i>	cv	LCL	UCL
FC	21	2.27E-02	0.47	4.67	0.28				2.33E-01	18,114	0.54	4,924	66,637			24,427	0.55	6,740	88,525
FW	25	1.75E-02	0.21	2.64	0.34				1.11E-01	19,594	0.58	5,973	64,282			26,177	0.56	8,323	82,333
IE	14	2.31E-02	0.64	15.79	0.26				3.11E-01	33,641	0.60	10,178	111,199			42,528	0.60	12,935	139,824
IG	12	9.38E-03	0.43	18.17	0.24				1.77E-01	16,592	0.45	6,856	40,155			21,327	0.46	8,723	52,143
IP	8	1.35E-02	0.61	17.88	0.39	495.5	2.02E-03	0.07	6.95E-01	96,721	0.85	13,934	671,398	0.74	0.09	116,543	0.84	17,370	781,932
IQ	0																		
IR	24	2.03E-02	0.40	15.33	0.40				4.43E-01	48,110	0.42	21,138	109,495			60,428	0.42	26,541	137,580
IW	25	3.04E-02	0.33	32.52	0.27				1.20E+00	45,382	0.41	19,624	104,947			52,718	0.41	22,990	120,886
SW	5	4.23E-02	0.00	55.00	0.66														
X	20	1.08E-01	0.57	17.95	0.29														
<b>TOTAL</b>	<b>154</b>								<b>3.42E-01</b>	<b>278,153</b>	<b>0.35</b>	<b>128,948</b>	<b>600,002</b>			<b>344,148</b>	<b>0.35</b>	<b>162,795</b>	<b>727,527</b>

Table 8. Estimated density and abundance of northern bottlenose whales identified with high, medium and low confidence from the combined platforms using revised (non-compromised) effort sailed under acceptable conditions. *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	<i>n</i>	<i>n/L</i>	<i>cv</i>	<i>E(S)</i>	<i>cv</i>	<i>esw</i>	<i>f(0)</i>	<i>cv</i>	<i>D</i>	<i>N<sub>s</sub></i>	<i>cv</i>	LCL	UCL	<i>p(0)</i>	<i>cv</i>	<i>N<sub>c</sub></i>	<i>cv</i>	LCL	UCL
FC	17	2.50E-02	0.78	2.76	0.20	529.5	1.89E-03	0.22	1.35E-01	10,472	0.94	1,367	80,213			11,384	0.94	1,492	86,861
FW	7	7.71E-03	0.79	1.00	0.00	544.1	1.84E-03	0.34	1.31E-02	2,320	0.84	443	12,167			2,522	0.84	480	13,249
IE	0																		
IG	2	2.09E-03	1.04	3.50	0.14	616.2	1.62E-03	0.50	1.10E-02	1,031	1.04	175	6,075	0.92	0.09	1,121	1.05	190	6,626
IP	0																		
IQ	0																		
IR	3	3.36E-03	0.89	4.67	0.40	616.2	1.62E-03	0.41	2.35E-02	2,555	0.90	512	12,739			2,777	0.90	555	13,905
IW	4	5.93E-03	0.77	4.75	0.18	500.1	2.00E-03	0.49	5.27E-02	1,996	0.78	453	8,797			2,170	0.79	490	9,606
SW	0																		
X	1	7.57E-03	1.09	3.00	0.00	616.2	1.62E-03	0.00											
<b>TOTAL</b>	<b>34</b>					<b>542.2</b>	<b>1.84E-03</b>	<b>0.15</b>	<b>2.26E-02</b>	<b>18,375</b>	<b>0.59</b>	<b>5,128</b>	<b>65,834</b>			<b>19,975</b>	<b>0.60</b>	<b>5,562</b>	<b>71,737</b>

Table 9. Estimated density and abundance of white-beaked dolphins identified with high, medium and low confidence from the combined platforms using revised (non-compromised) effort sailed under acceptable conditions. Density and abundance are corrected by including a proportion of the abundance of *L. spp.* based on the proportions of *L. albirostris* and *L. acutus* observed in each stratum. 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<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	0																			
FW	0																			
IE	1	2.69E-03	1.11	10.00	0.00				3.70E-02	4,000	1.13	504	31,767			13,046	1.26	1,588	107,171	
IG	3	3.13E-03	0.76	10.00	0.29				4.97E-02	4,666	0.78	1,123	19,379			15,216	0.96	3,001	77,141	
IG_EG	6	6.67E-03	0.51	6.50	0.33				5.29E-02	4,809	0.78	1,158	19,959			15,682	0.96	3,096	79,466	
IP	1	2.57E-03	1.09	15.00	0.00	673.0	1.49E-03	0.17	6.10E-02	8,499	0.96	953	75,838	0.31	0.55	27,721	1.11	3,425	224,357	
IQ	1	7.28E-03	0.56	8.00	0.00				8.01E-02	5,616	0.58	48	659,486			18,317	0.80	2,686	124,887	
IR	8	8.95E-03	0.61	7.38	0.33				2.04E-01	22,107	0.39	10,394	47,019			72,102	0.68	21,236	244,808	
IW	6	8.89E-03	0.61	8.33	0.40				1.02E-01	3,863	0.70	974	15,316			12,599	0.90	2,624	60,495	
SW	0																			
X	2	1.51E-02	0.89	3.00	0.33															
<b>TOTAL</b>	<b>39</b>								<b>6.00E-02</b>	<b>48,752</b>	<b>0.31</b>	<b>26,562</b>	<b>89,478</b>			<b>159,000</b>	<b>0.63</b>	<b>49,957</b>	<b>506,054</b>	
<b>TOTAL_EG</b>	<b>39</b>								<b>6.04E-02</b>	<b>48,894</b>	<b>0.31</b>	<b>26,653</b>	<b>89,696</b>			<b>159,466</b>	<b>0.63</b>	<b>50,111</b>	<b>507,467</b>	
IG_N	0																			
IR_N	0																			
<b>IGIR_N</b>	<b>0</b>																			
<b>CAP</b>	<b>12</b>	<b>6.38E-02</b>																		

Table 10. Estimated density and abundance of white-sided dolphins identified with high, medium and low confidence from the combined platforms using revised (non-compromised) effort sailed under acceptable conditions. Density and abundance are corrected by including a proportion of the abundance of *L. spp.* based on the proportions of *L. albirostris* and *L. acutus* observed in each stratum. Totals are shown for original and with block IG post-stratified to eliminate overlap with the East Greenland survey (\_EG).. *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	5	7.34E-03	0.26	1.60	0.25				2.15E-02	1,675	0.40	651	4,310			5,463	0.68	1,550	19,258
FW	9	9.91E-03	0.51	8.22	0.59				1.49E-01	26,385	0.62	7,328	94,999			86,052	0.83	19,436	380,990
IE	0																		
IG	2	2.09E-03	0.73	4.50	0.33				2.04E-02	1,921	0.68	544	6,783			6,267	0.88	1,385	28,354
IG_EG	2			3.60	0.29				2.18E-02	1,983	0.68	563	6,984			6,468	0.88	1,432	29,220
IP	1	2.57E-03	0.86	15.00	0.00	506.0	1.98E-03	0.17	7.32E-02	10,192	0.84	1,427	72,791	0.31	0.55				
IQ	0																		
IR	0																		
IW	0																		
SW	0																		
X	3	2.27E-02	0.64	4.67	0.26											0	0.00	0	0
<b>TOTAL</b>	<b>20</b>								4.94E-02	<b>40,173</b>	<b>0.48</b>	<b>15,334</b>	<b>105,248</b>			<b>131,022</b>	<b>0.73</b>	<b>35,251</b>	<b>486,981</b>
<b>TOTAL_EG</b>	<b>20</b>								4.97E-02	<b>40,235</b>	<b>0.48</b>	<b>15,376</b>	<b>105,286</b>			<b>131,244</b>	<b>0.73</b>	<b>35,327</b>	<b>487,430</b>