

Table 2. Estimated density and abundance of fin whales identified with high, medium and low confidence from the primary platform and abundance corrected for perception bias from the primary platform ( $N_c$ ). Only effort by the dedicated vessels conducted in B-T mode is used.  $n$  - 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,  $N_s$  - 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	$D$	$N_s$	CV	LCL	UCL	$p(0)$	CV	$N_c$	CV	LCL	UCL	
FE	0																			
FS	4	5.09E-03	0.75	1.00	0.00	1063	9.40E-04	0.39	4.77E-03	356	0.77	46	2,741			481	0.83	53	4,323	
FX	0																			
IC	0																			
IN	5	1.25E-02	0.63	1.60	0.25	1063	9.40E-04	0.35	1.39E-02	1,600	0.66	274	9,336	0.73	0.11	1,620	0.66	255	10,307	
NW	3	2.76E-02	0.44	2.00	0.50	1063	9.40E-04	0.45	2.93E-02	829	0.78	106	6,494			703	0.72	97	5,102	
RN	125	1.58E-01	0.18	1.34	0.04	1678	5.96E-04	0.05	1.31E-01	14,463	0.22	8,406	24,886			20,631	0.2	13,339	31,908	
RS	3	1.10E-02	0.52	1.00	0.00	1678	5.96E-04	0.33	6.51E-03	556	0.53	119	2,586			853	0.54	189	3,846	
SC	53	2.38E-02	0.41	1.28	0.06	1178	8.49E-04	0.10	2.65E-02	4,960	0.41	2,084	11,802			6,489	0.41	2,732	15,412	
<b>TOTAL</b>	<b>193</b>					<b>1456</b>	<b>6.87E-04</b>	<b>0.05</b>	<b>3.36E-02</b>	<b>22,763</b>	<b>0.17</b>	<b>15,620</b>	<b>33,172</b>			<b>30,777</b>	<b>0.19</b>	<b>21,153</b>	<b>44,779</b>	