

Table 8. Estimated density and abundance of sperm 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^{-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	N_s	CV	LCL	UCL	$p(0)$	CV	N_c	CV	LCL	UCL
FE	4	8.92E-03	0.16	1.00	0.00				9.49E-03	587	0.20	381	905			1,173	0.38	559	2,462
FS	2	2.54E-03	1.05	1.50	0.33				4.06E-03	326	1.06	21	4,970			497	1.09	35	6,987
FX	0																		
IC	0																		
IN	0					871	1.15E-03	0.12						0.57	0.28				
NW	1	9.20E-03	0.63	1.00	0.00				9.79E-03	169	0.64	28	1,028			337	0.72	64	1,780
RN	10	1.27E-02	0.32	1.20	0.11				1.62E-02	2,003	0.33	890	4,509			3,531	0.43	1,439	8,664
RS	4	1.47E-02	0.15	1.25	0.20				1.95E-02	1,785	0.24	965	3,302			3,062	0.34	1,564	5,995
SC	14	6.28E-03	0.45	1.93	0.22				1.29E-02	2,664	0.62	746	9,512			3,666	0.57	1,152	11,673
TOTAL	35								1.03E-02	7,534	0.27	4,353	13,040			12,268	0.33	6,386	23,568

Supplementary File to Pike, D.G., Gunnlaugsson, T., Mikkelsen, B., Halldórsson, S.D., Víkingsson, G.A., Acquarone, M. & Desportes, G. (2020). Estimates of the abundance of cetaceans in the Central North Atlantic from the T-NASS Icelandic and Faroese ship surveys conducted in 2007. NAMMCO Scientific Publications 11. <https://doi.org/10.7557/3.5269>