**Table S3**: Description of the final MRDS model used to model surface detectability for each survey (Shipboard or Aerial) used in the analysis of the fin whale (*Balaenoptera physalus*) density surface model. The survey specific distance sampling (DS) model, truncation distance (W), and mark-recapture (MR) model are provided. The total number fin whales sightings (NFIWH), ambiguous sighting that were either a sei whale (*Balaenoptera borealis*) or a fin whale (NFISE) and the total combined sample sizes used in the analysis (NTOTAL) are also provided.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Survey | DS Model | W (m) | MR Model | NFIWH | NFISE | NTOTAL |
| Shipboard | Distance +Beaufort + Subjective | 6000 | Distance | 111 | 33 | 144 |
| Aerial | Distance +Beaufort | 900 | None | 30 | 6 | 36 |