

Attachment

Table 1 – Authorized Level B harassment take levels.

Species	Proposed Take Authorization ²
North Atlantic right whale	3
Humpback whale	2
Common minke whale	2
Sei whale	2
Fin whale	2
Blue whale	17
Sperm whale	18
Dwarf sperm whale	3
Pygmy sperm whale	3
Cuvier's beaked whale	4
Gervais' beaked whale	4
Sowerby's beaked whale	4
Unidentified Mesoplodon or Ziphid: True's, Blainville, Northern bottlenose whale	4
Rough-toothed dolphin	0
Bottlenose dolphin (pelagic)	349
Bottlenose dolphin (coastal)	
Pantropical spotted dolphin	0
Atlantic spotted dolphin	113
Spinner dolphin	0
Striped dolphin	59
Short-beaked common dolphin	23
White-beaked dolphin	0
Atlantic white-sided dolphin	19
Risso's dolphin	44
False killer whale	0
Pygmy killer whale	0
Killer whale	0
Long-finned pilot whale	12
Short-finned pilot whale	12
Harbor porpoise	3
Gray seal	15
Harbor seal	140
Harp seal	5

Table 2 –Exclusion zones (EZ) for marine mammals in the survey area.

Source and Volume (in ³)	Tow Depth (m)	Water Depth (m)	Predicted RMS Distances ¹ (m)		
			187 dB	177 dB	160 dB
Single Bolt airgun (40 in ³)	6	< 100	31	109	995
4-Airgun subarray (700 in ³)	4.5	< 100	151	561	5,240
4-Airgun subarray (700 in ³)	6	< 100	175	651	6,100
8-Airgun subarray (1,400 in ³)	4.5	< 100	190	709	6,670
8-Airgun subarray (1,400 in ³)	6	< 100	234	886	8,150