

APPENDIX I: Estimated serious injury and mortality (SI&M) of Western North Atlantic marine mammals listed by U.S. observed fisheries for 2005-2009. Marine mammal species with zero (0) observed SI&M during 2005 to 2009 are not shown in this table. (tbd = to be determined; unk = unknown).

Category, Fishery, Species	Yrs. observed	observer coverage	Est. SI by Year (CV)	Est. Mortality by Year (CV)	Mean Annual Mortality (CV)	PBR
CATEGORY I						
Gillnet Fisheries: Northeast gillnet						
Harbor porpoise - after Take Reduction Plan	2005-2009	.07, .04, .07, .05, .04		630(.23), 514(.31), 395(.38), 666 (.48), 591(.23)	559 (0.16)	701
Atlantic white sided dolphin	2005-2009	.07, .04, .07, .05, .04		59(.49), 41(.71), 0, 81(.57), 0	36(.34)	190
Short-beaked common dolphin	2005-2009	.07, .04, .07, .05, .04		26(.8), 20(1.05), 11(0.94), 34(.77), 43(.77)	26 (.39)	1,000
Risso's dolphin	2005-2009	.07, .04, .07, .05, .04		15 (.93), 0, 0, 0, 0	3.0(.93)	129
Bottlenose dolphin (offshore)	2002-2006	.02, .03, .06, .07, .04		0, 0, 0, unk, unk	unk	566
Harbor seal	2005-2009	.07, .04, .07, .05, .04		719(.20), 87(.58), 93 (.49), 243(.41), 516(.28)	332(.14)	undet.
Gray seal	2005-2009	.07, .04, .07, .05, .04		574(.44), 248(.47), 889(0.24), 618(.23), 1063(.26)	678 (0.14)	unk
Harp seal	2005-2009	.07, .04, .07, .05, .04		35(.68), 65(.66), 119(.35), 238(.38), 415(.27)	174(0.18)	unk
Gillnet Fisheries:US Mid-Atlantic gillnet						
Harbor porpoise - after Take Reduction Plan	2005-2009	.03, .04, .06, .03, .03		470(.51), 511(.32), 58(1.03), 350(.75), 201(.55)	318(.26)	701
Bottlenose dolphin (offshore)	2002-2006	.01, .01, .02, .03, .04		unk, 0, 0, unk, unk	unk	566
Short-beaked common dolphin	2005-2009	.03, .04, .06, .03, .03		0, 11(1.03), 0, 0, 0	2.2(1.03)	1,000
Risso's dolphin	2005-2009	.03, .04, .06, .03, .03		0, 0, 34(.73), 0, 0	6.6(.73)	124
Harbor seal	2005-2009	.03, .04, .06, .03, .03		63(.67), 26 (.98), 0, 88(.74), 47(.68)	45(.39)	undet.
Harp Seal	2005-2009	.03, .04, .06, .03, .03		0, 0, 38(.9), 176(.74), 70(.67)	57 (0.50)	unk
Longline Fisheries: Pelagic longline (excluding NED-E)						
Risso's dolphin	2005-2009	.06, .07, .08, .10, .14	3(1.0), 0, 9 (.65), 17(.73), 11(.71)	0, 0, 0, 0, 0	8.0 (.40)	124
Long and short-finned pilot whale ^a	2005-2009	.06, .07, .08, .14, .10	212(.21), 169(.50), 57(.65), 98(.42), 17(.70)	0, 16 (1.0), 0, 0, 0	114 (.20)	172/93 ^c

Common dolphin	2005-2009	.06, .07, .08, .14, .10	0, 0, 0, 0, 0	0, 0, 0, 0, 8.5(1.0)	1.7(1.0)	1,000
CATEGORY II						
Mid-Atlantic Mid-Water Trawl – Including Pair Trawl						
Risso's dolphin	2005-2009	.084, .089, .039, .13, .13	0, 0, 0, 0, 0	0, 0, 0, unk, 0	unk	124
White-sided dolphin	2005-2009	.084, .089, .039, .13, .13	0, 0, 0, 0, 0	58(1.02), 29(.74), 12(.98), 15(.73), 4.3(.92)	24(.55)	190
Short-beaked common dolphin	2005-2009	.084, .089, .039, .13, .13	0, 0, 0, 0, 0	0, 0, 3.2(.70), 0, 0	0.6 (.70)	1,000
Long and short-finned pilot whale	2005-2009	.084, .089, .039, .13, .13	0, 0, 0, 0, 0	0, 0, 12 (.99), 0, 0	2.4(.99)	172/93 ^c
Trawl Fisheries:Northeast bottom trawl						
Harp seal	2005-2009	.12, .06, .06, .08, .09	0, 0, 0, 0, 0	unk, 0, 0, 0, unk	unk	unk
Harbor seal	2005-2009	.12, .06, .06, .08, .09	0, 0, 0, 0, 0	unk, 0, unk, 0, unk	unk	undet.
Gray Seal	2005-2009	.12, .06, .06, .08, .09	0, 0, 0, 0, 0	unk, 0, unk, unk, unk	unk	unk
Long and short-finned pilot whale ^a	2005-2009	.12, .06, .06, .08, .09	0, 0, 0, 0, 0	15(.30), 14(.28), 12 (.35), 10(.34), 8.6(.35)	12(0.14)	172/93 ^c
Short-beaked common dolphin	2005-2009	.12, .06, .06, .08, .09	0, 0, 0, 0, 0	32(.28), 25(.28), 24(.28), 17(.29), 19(.30)	23 (.13)	1,000
Atlantic white-sided dolphin	2005-2009	.12, .06, .06, .08, .09	0, 0, 0, 0, 0	213(.28), 164(.34), 147(.35), 147(.32), 131(.26)	160 (0.14)	190
Minke whale	2005-2009	.12, .06, .06, .08, .09	0, 0, 0, 0, 0	4.8 (.75), 3.7 (.73), 3.2(.72), 2.9(.73), 2.9(.75)	3.5 (0.34)	69
Harbor porpoise	2005-2009	.12, .06, .06, .08, .09	0, 0, 0, 0, 0	7.2(.48), 6.5(.49), 5.6(.46), 5.3(.47), 5.1(.50)	6.0 (0.22)	701
Mid-Atlantic Bottom Trawl						
Atlantic white-sided dolphin	2005-2009	.03, .02, .03, .03, .05	0, 0, 0, 0, 0	38(.29), 26(.25), 21(.24), 16(.18), 16(.16)	23 (.12)	190
Long and short-finned pilot whale ^a	2005-2009	.03, .02, .03, .03, .05	0, 0, 0, 0, 0	31(.31), 37(.34), 36(.38), 24(.36), 23(.36)	30(.16)	172/93 ^c
Short-beaked common dolphin	2005-2009	.03, .02, .03, .03, .05	0, 0, 0, 0, 0	141(.29), 131(.28), 66(.27), 108(.28), 104(.29)	110 (.13)	1,000
Northeast Mid-Water Trawl Including Pair Trawl						
Long and short-finned pilot whale	2005-2009	.199, .031, .08, .20, .42	0, 0, 0, 0, 0	0, 0, 0, 16(.61), 0	3.2(.61)	172/93 ^c
White-sided dolphin	2005-2009	.199, .031, .08, .20, .42	0, 0, 0, 0, 0	0, 9.4(1.03), 0, 0, 0	1.9(1.03)	190
Harbor seal	2005-2009	.199, .031, .08, .20, .42	0, 0, 0, 0, 0	0, 0, 0, 0, 1.3 (.81)	0.3(.81)	undet.

NOTES:

a. As of 2010, the PBR for pilot whales has been split. Short-finned pilot whale PBR is 172 and long-finned pilot whale is 93.