

Table 8. Number of **sea days** needed to achieve a 30% coefficient of variation for estimates of total discard and the 2004 observed sea days for fish species, by fleet and species group; see Appendix Table IV for all species.

Gear Type	Access Area (Open-Closed)	Trip Category (General/Limited)	Region	mesh groups	2004 OB FISH sea days	BLUEFISH	HERRING	SALMON	RED CRAB	SCALLOP	MACK/SQUID-BUTTERFISH	MONKFISH	NE MULT-SPP (LARGE-MESH)	NE MULT-SPP (SMALL-MESH)	SKATE	DOGFISH	FLUKE/SCUPI/BLK SEA BASS	SURF CLAM-OCEAN QUAHOG	TILEFISH	PILOT coverage	
Longline	all	all	NE	all	12	35	35	35	35	35	35	35	54	55	84	187	35	35	35		
Longline	all	all	MA	all	0	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	pilot
Otter Trawl	all	all	NE	small	449	1879	2021	211	2769	2712	666	680	864	1001	1157	1093	1431	1634	1678		
Otter Trawl	all	all	NE	large	1076	5680	4817	730	2808	3439	1557	374	501	890	906	1017	3726	6058	3827		
Otter Trawl	all	all	MA	small	471	1727	1781	196	685	2054	1875	1337	1005	1307	794	1231	974	3316	929		
Otter Trawl	all	all	MA	large	183	437	892	342	342	726	537	392	386	702	203	710	395	831	342		
Scallop Trawl	open	limited	MA	all	11	95	95	95	95	95	95	95	95	95	95	95	95	95	95	pilot	
Scallop Trawl	open	general	MA	all	56	103	51	51	404	100	132	89	82	280	78	430	404	51	51	pilot	
Shrimp Trawl	all	all	NE	all	12	42	101	42	42	388	400	25	22	136	272	384	42	42	42		
Shrimp Trawl	all	all	MA	all	2	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	pilot
Sink, Anchor, Drift Gillnet	all	all	NE	small	1	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	pilot
Sink, Anchor, Drift Gillnet	all	all	NE	large	657	1342	754	141	2808	414	2096	1156	281	1011	772	408	2022	141	141		
Sink, Anchor, Drift Gillnet	all	all	NE	xlg	533	576	1065	144	1208	1314	2244	425	504	1890	274	419	1245	144	384		
Sink, Anchor, Drift Gillnet	all	all	MA	small	3	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	pilot for fish
Sink, Anchor, Drift Gillnet	all	all	MA	large	4	103	29	29	29	29	29	29	19	29	97	93	29	29	29	29	pilot for fish
Sink, Anchor, Drift Gillnet	all	all	MA	xlg	30	113	68	68	68	246	68	92	68	68	53	55	105	68	68	68	pilot for fish
Scallop Dredge	open	limited	NE	all	344	269	269	269	1268	896	1839	685	1468	1191	337	1540	1331	1817	269		
Scallop Dredge	open	limited	MA	all	591	329	329	329	706	589	1129	462	1142	2949	305	2421	606	2446	329		
Scallop Dredge	open	general	NE	all	11	92	92	92	92	180	157	110	81	125	112	112	92	169	92	pilot	
Scallop Dredge	open	general	MA	all	33	96	96	96	96	257	268	81	198	118	77	136	270	235	96		
Scallop Dredge	closed	limited	NE	all	805	1583	3147	139	3810	475	1393	439	415	1332	198	2841	1149	4242	139		
Scallop Dredge	closed	limited	MA	all	373	477	1722	108	1470	497	766	164	612	994	337	1778	996	2662	108		
Scallop Dredge	closed	general	NE	all	0	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	pilot
Scallop Dredge	closed	general	MA	all	2	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	pilot
Mid-water paired & single Trawl	all	all	NE	all	165	420	749	56	56	467	752	484	531	924	764	280	544	56	56		
Mid-water paired & single Trawl	all	all	MA	all	39	66	235	35	35	35	51	335	379	82	35	49	319	35	35		
Fish Pots/ Traps	all	all	NE	all	0	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	pilot
Fish Pots/ Traps	all	all	MA	all	6	40	40	40	40	40	40	100	40	40	40	40	40	40	40	40	pilot
Purse Seine	all	all	NE	all	33	19	169	19	19	19	157	19	164	19	19	176	19	19	19		
Purse Seine	all	all	MA	all	0	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	pilot
Hand Line	all	all	NE	all	6	72	72	72	72	72	72	72	131	72	72	72	72	72	72	72	pilot
Hand Line	all	all	MA	all	0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	pilot
Scottish Seine	all	all	NE	all	5	12	12	12	12	12	12	12	14	12	12	12	30	12	12	12	pilot
Clam Quahog Dredge	all	all	NE	all	0	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	pilot
Clam Quahog Dredge	all	all	MA	all	0	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	pilot
Crab Pots	all	all	NE	all	0	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	pilot
Crab Pots	all	all	MA	all	0	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	pilot
Lobster Pots	all	all	NE	all	0	439	439	439	439	439	439	439	439	439	439	439	439	439	439	439	pilot
Lobster Pots	all	all	MA	all	0	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	pilot
Total Sea Days						5,913	16,828	19,864	4,573	20,193	16,314	17,592	8,916	10,282	16,544	8,316	16,802	17,193	25,472	10,109	
Total Sea Days excluding shaded cells							12,727	12,914	4,573	11,488	12,209	15,957	7,906	10,020	15,314	6,522	15,359	15,235	133	6,946	

Note: Gray-shade cells indicate unlikely species/gear combinations.

Table 8 *continued*. Number of **sea days** needed to achieve a 30% coefficient of variation on estimates of total discard and the 2004 observed sea days for protected species, by fleet and species group; *see Appendix Table IV for all species*.

Gear Type	Access Area (Open-Closed)	Trip Category (General/Limited)	Region	mesh groups	2004 OB PSPP sea days	TURTLES	SEALS	WHALES	DOLPHINS/PORPOISE	SEA BIRDS (ALL)	ALL SPECIES	PILOT coverage
Longline	all	all	NE	all	133	35	35	35	35	250	107	
Longline	all	all	MA	all	11	76	76	76	76	76	76	pilot
Otter Trawl	all	all	NE	small	577	211	211	1464	1432	2157	484	
Otter Trawl	all	all	NE	large	1947	730	730	5591	3001	6776	537	
Otter Trawl	all	all	MA	small	499	1886	196	196	1661	1014	561	
Otter Trawl	all	all	MA	large	186	342	342	342	342	481	137	
Scallop Trawl	open	limited	MA	all	22	95	95	95	95	95	95	pilot
Scallop Trawl	open	general	MA	all	71	51	51	51	51	51	35	pilot
Shrimp Trawl	all	all	NE	all	12	42	42	42	42	42	43	
Shrimp Trawl	all	all	MA	all	2	76	76	76	76	76	55	pilot
Sink, Anchor, Drift Gillnet	all	all	NE	small	1	12	12	12	12	12	12	pilot
Sink, Anchor, Drift Gillnet	all	all	NE	large	876	141	971	141	1081	2831	209	
Sink, Anchor, Drift Gillnet	all	all	NE	xlg	701	144	1249	144	1322	2644	162	
Sink, Anchor, Drift Gillnet	all	all	MA	small	375	1025	62	62	62	411	62	pilot for fish
Sink, Anchor, Drift Gillnet	all	all	MA	large	85	107	29	29	29	161	93	pilot for fish
Sink, Anchor, Drift Gillnet	all	all	MA	xlg	152	557	849	68	445	852	50	pilot for fish
Scallop Dredge	open	limited	NE	all	457	2718	269	269	269	1054	323	
Scallop Dredge	open	limited	MA	all	675	3470	329	329	329	329	218	
Scallop Dredge	open	general	NE	all	24	92	92	92	92	92	86	pilot
Scallop Dredge	open	general	MA	all	55	96	96	96	96	96	20	
Scallop Dredge	closed	limited	NE	all	805	2431	139	139	139	2444	241	
Scallop Dredge	closed	limited	MA	all	373	108	108	108	108	108	223	
Scallop Dredge	closed	general	NE	all	0	24	24	24	24	24	24	pilot
Scallop Dredge	closed	general	MA	all	2	21	21	21	21	21	21	pilot
Mid-water paired & single Trawl	all	all	NE	all	242	56	56	548	367	567	322	
Mid-water paired & single Trawl	all	all	MA	all	42	35	35	35	35	35	95	
Fish Pots/ Traps	all	all	NE	all	0	20	20	20	20	20	20	pilot
Fish Pots/ Traps	all	all	MA	all	9	40	40	40	40	40	36	pilot
Purse Seine	all	all	NE	all	53	19	19	19	19	19	123	
Purse Seine	all	all	MA	all	2	9	9	9	9	9	9	pilot
Hand Line	all	all	NE	all	18	72	72	72	72	72	131	pilot
Hand Line	all	all	MA	all	11	133	133	133	133	133	133	pilot
Scottish Seine	all	all	NE	all	8	12	12	12	12	12	21	pilot
Clam Quahog Dredge	all	all	NE	all	0	50	50	50	50	50	50	pilot
Clam Quahog Dredge	all	all	MA	all	0	84	84	84	84	84	84	pilot
Crab Pots	all	all	NE	all	0	101	101	101	101	101	101	pilot
Crab Pots	all	all	MA	all	0	28	28	28	28	28	28	pilot
Lobster Pots	all	all	NE	all	3	439	439	439	439	439	439	pilot
Lobster Pots	all	all	MA	all	0	89	89	89	89	89	89	pilot
Total Sea Days					8,429	15,676	7,289	11,180	12,335	23,792	5,554	
Total Sea Days excluding shaded cells						15,676	6,006	10,103	12,335	23,792	5,554	

Note: Gray-shade cells indicate unlikely species/gear combinations.