

Table 10a. The maximum number of **sea days** (baseline and filtered) needed to achieve a 30% coefficient of variation on estimates of total discard for any of species groups (20 species groups) and for any of the fish and turtle species groups (15 species groups), by fleet. Filtered values exclude gray-shaded cells within a fleet. The 2004 observed sea days for fish species and protected species (PSPP) are presented for comparisons purposed.

Gear Type	Access Area (Open-Closed)	Trip Category (General/Limited)	Region	mesh groups	2004 OB		BASELINE		FILTER APPLIED	
					FISH sea days	PSPP sea days	Sea days needed for 20 species groups by fleet	Sea days needed for 15 species groups by fleet	Sea days needed for 20 species groups by fleet	Sea days needed for 15 species groups by fleet
Longline	all	all	NE	all	12	133	250	187	250	187
Longline	all	all	MA	all	0	11	76	76	76	76
Otter Trawl	all	all	NE	small	449	577	2769	2769	2769	2769
Otter Trawl	all	all	NE	large	1076	1947	6776	6058	6776	5680
Otter Trawl	all	all	MA	small	471	499	3316	3316	2054	2054
Otter Trawl	all	all	MA	large	183	186	892	892	892	892
Scallop Trawl	open	limited	MA	all	11	22	95	95	95	95
Scallop Trawl	open	general	MA	all	56	71	430	430	430	430
Shrimp Trawl	all	all	NE	all	12	12	400	400	400	400
Shrimp Trawl	all	all	MA	all	2	2	76	76	76	76
Gillnet	all	all	NE	small	1	1	12	12	12	12
Gillnet	all	all	NE	large	657	876	2831	2808	2831	2096
Gillnet	all	all	NE	xlq	533	701	2644	2244	2644	2244
Gillnet	all	all	MA	small	3	375	1025	1025	1025	1025
Gillnet	all	all	MA	large	4	85	161	107	161	107
Gillnet	all	all	MA	xlq	30	152	852	557	852	557
Scallop Dredge	open	limited	NE	all	344	457	2718	2718	2718	2718
Scallop Dredge	open	limited	MA	all	591	675	3470	3470	3470	3470
Scallop Dredge	open	general	NE	all	11	24	180	180	180	180
Scallop Dredge	open	general	MA	all	33	55	270	270	270	270
Scallop Dredge	closed	limited	NE	all	805	805	4242	4242	3810	3810
Scallop Dredge	closed	limited	MA	all	373	373	2662	2662	1778	1778
Scallop Dredge	closed	general	NE	all	0	0	24	24	24	24
Scallop Dredge	closed	general	MA	all	2	2	21	21	21	21
single Trawl	all	all	NE	all	165	242	924	924	924	924
single Trawl	all	all	MA	all	39	42	379	379	379	379
Fish Pots/ Traps	all	all	NE	all	0	0	20	20	20	20
Fish Pots/ Traps	all	all	MA	all	6	9	100	100	40	40
Purse Seine	all	all	NE	all	33	53	176	176	176	176
Purse Seine	all	all	MA	all	0	2	9	9	9	9
Hand Line	all	all	NE	all	6	18	131	131	131	131
Hand Line	all	all	MA	all	0	11	133	133	133	133
Scottish Seing	all	all	NE	all	5	8	30	30	30	30
Dredge	all	all	NE	all	0	0	50	50	50	50
Dredge	all	all	MA	all	0	0	84	84	84	84
Crab Pots	all	all	NE	all	0	0	101	101	101	101
Crab Pots	all	all	MA	all	0	0	28	28	28	28
Lobster Pots	all	all	NE	all	0	3	439	439	439	439
Lobster Pots	all	all	MA	all	0	0	89	89	89	89
Total Sea Days					5,913	8,429	38,882	37,330	36,244	33,602

Table 10b. The maximum number of **trips** (baseline and filtered) needed to achieve a 30% coefficient of variation on estimates of total discard for any of species groups (20 species groups) and for any of the fish and turtle species groups (15 species groups). Filtered values exclude gray-shaded cells within a fleet. The 2004 observed sea days for fish species and protected species (PSPP) are presented for comparisons purposed.

Gear Type	Gear code	Access Area (Open-Closed)	Trip Category (General/Limited)	Region	mesh groups	2004 OB FISH TRIPS	2004 OB PSPP TRIPS	BASELINE		FILTER APPLIED	
								Trips needed for 20 species groups by fleet	Trips needed for 15 species groups by fleet	Trips needed for 20 species groups by fleet	Trips needed for 15 species groups by fleet
Longline	010	all	all	NE	all	12	119	215	187	215	187
Longline	010	all	all	MA	all	0	2	12	12	12	12
Otter Trawl	050	all	all	NE	small	142	200	900	900	900	900
Otter Trawl	050	all	all	NE	large	386	539	2231	2231	1973	1917
Otter Trawl	050	all	all	MA	small	194	205	1364	1364	901	901
Otter Trawl	050	all	all	MA	large	75	76	488	488	384	384
Scallop Trawl	052	open	limited	MA	all	1	3	12	12	12	12
Scallop Trawl	052	open	general	MA	all	31	39	222	222	222	222
Shrimp Trawl	058	all	all	NE	all	12	12	400	400	400	400
Shrimp Trawl	058	all	all	MA	all	2	2	13	13	13	13
Sink, Anchor, Drift Gillnet	100, 110	all	all	NE	small	1	1	12	12	12	12
Sink, Anchor, Drift Gillnet	100, 110	all	all	NE	large	577	772	2510	2503	2510	1875
Sink, Anchor, Drift Gillnet	100, 110	all	all	NE	xlg	445	569	2176	1809	2176	1809
Sink, Anchor, Drift Gillnet	100, 110	all	all	MA	small	3	358	977	977	977	977
Sink, Anchor, Drift Gillnet	100, 110	all	all	MA	large	4	81	144	105	144	105
Sink, Anchor, Drift Gillnet	100, 110	all	all	MA	xlg	27	142	796	519	796	519
Scallop Dredge	132	open	limited	NE	all	26	36	206	206	206	206
Scallop Dredge	132	open	limited	MA	all	69	78	378	378	378	378
Scallop Dredge	132	open	general	NE	all	9	20	150	150	150	150
Scallop Dredge	132	open	general	MA	all	22	39	184	184	183	183
Scallop Dredge	132	closed	limited	NE	all	86	86	458	458	405	405
Scallop Dredge	132	closed	limited	MA	all	35	35	258	258	170	170
Scallop Dredge	132	closed	general	NE	all	0	0	12	12	12	12
Scallop Dredge	132	closed	general	MA	all	1	1	15	15	15	15
Mid-water paired & single Trawl	170, 370	all	all	NE	all	66	99	350	350	350	350
Mid-water paired & single Trawl	170, 370	all	all	MA	all	13	14	132	132	132	132
Fish Pots/ Traps	181	all	all	NE	all	0	0	19	19	19	19
Fish Pots/ Traps	181	all	all	MA	all	6	8	98	98	37	37
Purse Seine	121,120	all	all	NE	all	16	26	87	87	87	87
Purse Seine	121,120	all	all	MA	all	0	2	9	9	9	9
Hand Line	020	all	all	NE	all	6	9	130	130	130	130
Hand Line	020	all	all	MA	all	0	3	126	126	126	126
Scottish Seine	360	all	all	NE	all	5	8	30	30	30	30
Clam Quahog Dredge	400	all	all	NE	all	0	0	69	69	69	69
Clam Quahog Dredge	400	all	all	MA	all	0	0	69	69	69	69
Crab Pots	300	all	all	NE	all	0	0	12	12	12	12
Crab Pots	300	all	all	MA	all	0	0	27	27	27	27
Lobster Pots	200	all	all	NE	all	0	3	353	353	353	353
Lobster Pots	200	all	all	MA	all	0	0	75	75	75	75
Total Trips						2,272	3,587	15,721	15,001	14,694	13,290