

Appendix Table II. Ranking of total discards **within fleet** (fish and protected species ranked separately) based on 2004 observer data.

Gear Type	Access Area (Open-Closed)	Trip Category (General/Limited)	Region	mesh groups	BLUEFISH	HERRING	SALMON	RED CRAB	SCALLOP	Mackerel	Illex	Loligo	Butterfish	MONKFISH
Longline	all	all	NE	all	8	8	*	8	8	8	8	8	8	8
Longline	all	all	MA	all										
Otter Trawl	all	all	NE	small	16	12	*	25	29	6	5	8	4	7
Otter Trawl	all	all	NE	large	22	23	*	12	20	29	27	31	30	3
Otter Trawl	all	all	MA	small	14	22	*	26	15	5	7	11	4	13
Otter Trawl	all	all	MA	large	16	24	*	26	6	21	20	12	15	8
Scallop Trawl	open	limited	MA	all	8	8	*	8	1	8	8	6	8	4
Scallop Trawl	open	general	MA	all	15	20	*	12	2	20	16	9	11	4
Shrimp Trawl	all	all	NE	all	20	1	*	20	17	20	20	20	19	14
Shrimp Trawl	all	all	MA	all	*	*	*	*	*	*	*	*	*	*
Sink, Anchor, Drift Gillnet	all	all	NE	small	3	3	*	3	3	2	3	3	3	3
Sink, Anchor, Drift Gillnet	all	all	NE	large	9	15	*	22	24	12	23	27	25	8
Sink, Anchor, Drift Gillnet	all	all	NE	xlq	6	19	*	21	18	8	27	27	23	3
Sink, Anchor, Drift Gillnet	all	all	MA	small	4	4	*	4	4	4	4	4	2	4
Sink, Anchor, Drift Gillnet	all	all	MA	large	2	5	*	5	5	5	5	5	5	5
Sink, Anchor, Drift Gillnet	all	all	MA	xlq	4	7	*	7	6	7	7	7	7	3
Scallop Dredge	open	limited	NE	all	26	26	*	24	1	26	17	16	18	3
Scallop Dredge	open	limited	MA	all	24	24	*	22	1	23	14	12	18	3
Scallop Dredge	open	general	NE	all	17	17	*	17	3	17	14	17	17	1
Scallop Dredge	open	general	MA	all	16	16	*	16	2	16	16	13	16	3
Scallop Dredge	closed	limited	NE	all	19	28	*	25	1	27	20	13	24	3
Scallop Dredge	closed	limited	MA	all	20	19	*	24	1	15	14	12	23	3
Scallop Dredge	closed	general	NE	all										
Scallop Dredge	closed	general	MA	all	5	5	*	5	1	5	5	5	5	3
Mid-water paired & single Trawl	all	all	NE	all	9	3	*	23	21	1	10	15	7	12
Mid-water paired & single Trawl	all	all	MA	all	11	10	*	15	15	14	2	7	9	3
Fish Pots/ Traps	all	all	NE	all										
Fish Pots/ Traps	all	all	MA	all	4	4	*	4	4	4	4	4	4	3
Purse Seine	all	all	NE	all	5	2	*	5	5	5	4	5	5	5
Purse Seine	all	all	MA	all										
Hand Line	all	all	NE	all	2	2	*	2	2	2	2	2	2	2
Hand Line	all	all	MA	all										
Scottish Seine	all	all	NE	all	13	13	*	13	13	13	13	13	13	13
Clam Quahog Dredge	all	all	NE	all										
Clam Quahog Dredge	all	all	MA	all										
Crab Pots	all	all	NE	all										
Crab Pots	all	all	MA	all										
Lobster Pots	all	all	NE	all										
Lobster Pots	all	all	MA	all										

Gray-shaded cells indicate unlikely combinations of species/gear; \* indicate no discards of these species.

Appendix Table II *continued*. Ranking of total discards **within fleet** (fish and protected species ranked separately) based on 2004 observer data.

Gear Type	Access Area (Open-Closed)	Trip Category (General/Limited)	Region	mesh groups	Species													
					Cod	Had-duck	Yellowtail flid	American plaice	Witch flid	Winter flid	Pollock	Redfish	White hake	Window-pane	Hallibut	Ocean pout		
Longline	all	all	NE	all	2	4	8	8	8	8	6	8	8	8	8	5		
Longline	all	all	MA	all														
Otter Trawl	all	all	NE	small	18	13	22	20	14	15	28	24	17	26	30	21		
Otter Trawl	all	all	NE	large	8	10	7	9	5	14	16	13	18	4	21	11		
Otter Trawl	all	all	MA	small	28	28	24	25	17	16	28	21	23	12	28	19		
Otter Trawl	all	all	MA	large	22	26	17	26	9	10	19	25	23	7	26	11		
Scallop Trawl	open	limited	MA	all	8	8	8	8	8	8	8	8	8	3	8	8		
Scallop Trawl	open	general	MA	all	20	20	18	20	17	8	20	20	13	5	20	20		
Shrimp Trawl	all	all	NE	all	8	15	7	3	13	5	6	12	11	9	20	16		
Shrimp Trawl	all	all	MA	all	*	*	*	*	*	*	*	*	*	*	*	*		
Sink, Anchor, Drift Gillnet	all	all	NE	small	3	3	3	3	3	3	3	3	3	3	3	3		
Sink, Anchor, Drift Gillnet	all	all	NE	large	2	10	5	13	21	7	4	11	6	20	18	17		
Sink, Anchor, Drift Gillnet	all	all	NE	xlg	4	13	10	20	26	15	7	22	9	25	17	12		
Sink, Anchor, Drift Gillnet	all	all	MA	small	4	4	4	4	4	4	4	4	4	4	4	4		
Sink, Anchor, Drift Gillnet	all	all	MA	large	5	5	5	5	5	5	5	5	5	4	5	5		
Sink, Anchor, Drift Gillnet	all	all	MA	xlg	7	7	7	7	7	7	7	7	7	7	7	7		
Scallop Dredge	open	limited	NE	all	19	22	11	23	7	6	25	26	20	10	26	15		
Scallop Dredge	open	limited	MA	all	24	24	16	21	8	15	24	24	10	6	24	17		
Scallop Dredge	open	general	NE	all	13	17	4	12	10	5	17	17	17	8	17	14		
Scallop Dredge	open	general	MA	all	16	16	13	13	11	6	16	16	10	4	16	16		
Scallop Dredge	closed	limited	NE	all	15	14	4	10	11	9	29	29	16	6	26	21		
Scallop Dredge	closed	limited	MA	all	25	25	6	18	7	11	25	25	16	8	25	22		
Scallop Dredge	closed	general	NE	all														
Scallop Dredge	closed	general	MA	all	5	5	5	5	5	5	5	5	5	5	5	5		
Mid-water paired & single Trawl	all	all	NE	all	16	6	23	13	18	19	8	5	14	23	23	23		
Mid-water paired & single Trawl	all	all	MA	all	15	15	15	15	13	15	15	15	12	15	15	15		
Fish Pots/ Traps	all	all	NE	all														
Fish Pots/ Traps	all	all	MA	all	4	4	4	4	4	4	4	4	4	4	4	4		
Purse Seine	all	all	NE	all	5	5	5	5	5	5	5	3	5	5	5	5		
Purse Seine	all	all	MA	all														
Hand Line	all	all	NE	all	1	2	2	2	2	2	2	2	2	2	2	2		
Hand Line	all	all	MA	all														
Scottish Seine	all	all	NE	all	7	11	13	8	13	9	13	13	11	2	13	13		
Clam Quahog Dredge	all	all	NE	all														
Clam Quahog Dredge	all	all	MA	all														
Crab Pots	all	all	NE	all														
Crab Pots	all	all	MA	all														
Lobster Pots	all	all	NE	all														
Lobster Pots	all	all	MA	all														

Gray-shaded cells indicate unlikely combinations of species/gear; \* indicate no discards of these species.

Appendix Table II *continued*. Ranking of total discards **within fleet** (fish and protected species ranked separately) based on 2004 observer data.

Gear Type	Access Area (Open-Closed)	Trip Category (General/Limited)	Region	mesh groups	Silver hake	Offshore hake	Red hake	SKATE	DOG FISH	Fluke	Scup	Black sea bass	SURF CLAM: OCEAN QUAHOG	TILE FISH
Longline	all	all	NE	all	8	8	7	3	1	8	8	8	8	8
Longline	all	all	MA	all										
Otter Trawl	all	all	NE	small	2	23	9	1	3	10	11	19	31	27
Otter Trawl	all	all	NE	large	15	26	19	1	2	6	17	24	28	25
Otter Trawl	all	all	MA	small	6	20	8	1	2	10	3	9	18	27
Otter Trawl	all	all	MA	large	14	26	18	1	2	3	4	5	13	26
Scallop Trawl	open	limited	MA	all	8	8	8	2	8	5	8	7	8	8
Scallop Trawl	open	general	MA	all	7	20	14	1	3	6	10	19	20	20
Shrimp Trawl	all	all	NE	all	2	20	10	4	18	20	20	20	20	20
Shrimp Trawl	all	all	MA	all	*	*	*	*	*	*	*	*	*	*
Sink, Anchor, Drift Gillnet	all	all	NE	small	3	3	3	3	1	3	3	3	3	3
Sink, Anchor, Drift Gillnet	all	all	NE	large	14	27	16	3	1	19	27	26	27	27
Sink, Anchor, Drift Gillnet	all	all	NE	xlq	16	27	11	2	1	5	23	27	27	14
Sink, Anchor, Drift Gillnet	all	all	MA	small	4	4	4	4	1	3	4	4	4	4
Sink, Anchor, Drift Gillnet	all	all	MA	large	5	5	5	3	1	5	5	5	5	5
Sink, Anchor, Drift Gillnet	all	all	MA	xlq	7	7	7	2	1	5	7	7	7	7
Scallop Dredge	open	limited	NE	all	13	14	8	2	9	4	21	12	5	26
Scallop Dredge	open	limited	MA	all	9	20	13	2	5	4	19	11	7	24
Scallop Dredge	open	general	NE	all	16	17	9	2	6	7	17	17	11	17
Scallop Dredge	open	general	MA	all	9	16	12	1	8	5	16	16	7	16
Scallop Dredge	closed	limited	NE	all	12	22	7	2	8	5	23	17	18	29
Scallop Dredge	closed	limited	MA	all	10	25	13	2	5	4	17	9	21	25
Scallop Dredge	closed	general	NE	all										
Scallop Dredge	closed	general	MA	all	5	5	5	2	5	4	5	5	5	5
Mid-water paired & single Trawl	all	all	NE	all	4	23	17	11	2	23	20	22	23	23
Mid-water paired & single Trawl	all	all	MA	all	6	15	5	15	1	8	15	4	15	15
Fish Pots/ Traps	all	all	NE	all										
Fish Pots/ Traps	all	all	MA	all	4	4	4	4	4	4	2	1	4	4
Purse Seine	all	all	NE	all	5	5	5	5	1	5	5	5	5	5
Purse Seine	all	all	MA	all										
Hand Line	all	all	NE	all	2	2	2	2	2	2	2	2	2	2
Hand Line	all	all	MA	all										
Scottish Seine	all	all	NE	all	5	13	3	4	13	1	10	6	13	13
Clam Quahog Dredge	all	all	NE	all										
Clam Quahog Dredge	all	all	MA	all										
Crab Pots	all	all	NE	all										
Crab Pots	all	all	MA	all										
Lobster Pots	all	all	NE	all										
Lobster Pots	all	all	MA	all										

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Appendix Table II *continued*. Ranking of total discards **within fleet** (fish and protected species ranked separately) based on 2004 observer data.

Gear Type	Access Area (Open-Closed)	Trip Category (General/Limited)	Region	mesh groups	TURTLE, GREEN	TURTLE, LEATHERBACK	TURTLE, LOGGERHEAD	TURTLE, KEMPS RIDLEY	TURTLE, NK	SEAL, HARP	SEAL, HOODED	SEAL, HARBOR	SEAL, GRAY	SEAL, NK
Longline	all	all	NE	all	2	2	2	*	2	2	2	2	2	*
Longline	all	all	MA	all	*	*	*	*	*	*	*	*	*	*
Otter Trawl	all	all	NE	small	5	5	5	*	5	5	5	5	5	*
Otter Trawl	all	all	NE	large	4	4	4	*	4	4	4	4	4	*
Otter Trawl	all	all	MA	small	4	4	2	*	4	4	4	4	4	*
Otter Trawl	all	all	MA	large	2	2	2	*	2	2	2	2	2	*
Scallop Trawl	open	limited	MA	all	2	2	1	*	2	2	2	2	2	*
Scallop Trawl	open	general	MA	all	*	*	*	*	*	*	*	*	*	*
Shrimp Trawl	all	all	NE	all	*	*	*	*	*	*	*	*	*	*
Shrimp Trawl	all	all	MA	all	*	*	*	*	*	*	*	*	*	*
Sink, Anchor, Drift Gillnet	all	all	NE	small	*	*	*	*	*	*	*	*	*	*
Sink, Anchor, Drift Gillnet	all	all	NE	large	7	7	7	*	7	2	7	3	4	*
Sink, Anchor, Drift Gillnet	all	all	NE	xlg	8	8	8	*	8	4	6	1	3	*
Sink, Anchor, Drift Gillnet	all	all	MA	small	4	2	4	*	3	4	4	4	4	*
Sink, Anchor, Drift Gillnet	all	all	MA	large	2	4	2	*	4	4	4	4	4	*
Sink, Anchor, Drift Gillnet	all	all	MA	xlg	7	4	1	*	7	7	7	6	5	*
Scallop Dredge	open	limited	NE	all	3	3	1	*	3	3	3	3	3	*
Scallop Dredge	open	limited	MA	all	2	2	1	*	2	2	2	2	2	*
Scallop Dredge	open	general	NE	all	*	*	*	*	*	*	*	*	*	*
Scallop Dredge	open	general	MA	all	*	*	*	*	*	*	*	*	*	*
Scallop Dredge	closed	limited	NE	all	3	3	2	*	3	3	3	3	3	*
Scallop Dredge	closed	limited	MA	all	*	*	*	*	*	*	*	*	*	*
Scallop Dredge	closed	general	NE	all										
Scallop Dredge	closed	general	MA	all	*	*	*	*	*	*	*	*	*	*
Mid-water paired & single Trawl	all	all	NE	all	4	4	4	*	4	4	4	4	4	*
Mid-water paired & single Trawl	all	all	MA	all	*	*	*	*	*	*	*	*	*	*
Fish Pots/ Traps	all	all	NE	all										
Fish Pots/ Traps	all	all	MA	all	*	*	*	*	*	*	*	*	*	*
Purse Seine	all	all	NE	all	*	*	*	*	*	*	*	*	*	*
Purse Seine	all	all	MA	all	*	*	*	*	*	*	*	*	*	*
Hand Line	all	all	NE	all	*	*	*	*	*	*	*	*	*	*
Hand Line	all	all	MA	all	*	*	*	*	*	*	*	*	*	*
Scottish Seine	all	all	NE	all	*	*	*	*	*	*	*	*	*	*
Clam Quahog Dredge	all	all	NE	all										
Clam Quahog Dredge	all	all	MA	all										
Crab Pots	all	all	NE	all										
Crab Pots	all	all	MA	all										
Lobster Pots	all	all	NE	all	*	*	*	*	*	*	*	*	*	*
Lobster Pots	all	all	MA	all										

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Appendix Table II *continued*. Ranking of total discards **within fleet** (fish and protected species ranked separately) based on 2004 observer data.

Gear Type	Access Area (Open-Closed)	Trip Category (General/Limited)	Region	mesh groups	WHALE, PILOT-LONG-FIN	WHALE, MINKE	WHALE, NK	DOLPHIN WHITE-SIDED	DOLPHIN-COMMON	DOLPHIN-BOTTLE-NOSE	PORPOISE-HARBOR	PORPOISE/DOLP HIN, NK	SEA BIRDS (ALL)	PILOT coverage
Longline	all	all	NE	all	2	*	*	2	2	2	2	*	1	
Longline	all	all	MA	all	*	*	*	*	*	*	*	*	*	pilot
Otter Trawl	all	all	NE	small	3	*	*	3	1	5	5	*	2	
Otter Trawl	all	all	NE	large	3	*	*	1	4	4	4	*	2	
Otter Trawl	all	all	MA	small	4	*	*	4	1	4	4	*	3	
Otter Trawl	all	all	MA	large	2	*	*	2	2	2	2	*	1	
Scallop Trawl	open	limited	MA	all	2	*	*	2	2	2	2	*	2	pilot
Scallop Trawl	open	general	MA	all	*	*	*	*	*	*	*	*	*	pilot
Shrimp Trawl	all	all	NE	all	*	*	*	*	*	*	*	*	*	
Shrimp Trawl	all	all	MA	all	*	*	*	*	*	*	*	*	*	pilot
Sink, Anchor, Drift Gillnet	all	all	NE	small	*	*	*	*	*	*	*	*	*	pilot
Sink, Anchor, Drift Gillnet	all	all	NE	large	7	*	*	6	7	7	5	*	1	
Sink, Anchor, Drift Gillnet	all	all	NE	xlge	8	*	*	8	8	6	2	*	5	
Sink, Anchor, Drift Gillnet	all	all	MA	small	4	*	*	4	4	4	4	*	1	pilot for fish
Sink, Anchor, Drift Gillnet	all	all	MA	large	4	*	*	4	4	4	4	*	1	pilot for fish
Sink, Anchor, Drift Gillnet	all	all	MA	xlge	7	*	*	7	7	7	1	*	3	pilot for fish
Scallop Dredge	open	limited	NE	all	3	*	*	3	3	3	3	*	2	
Scallop Dredge	open	limited	MA	all	2	*	*	2	2	2	2	*	2	
Scallop Dredge	open	general	NE	all	*	*	*	*	*	*	*	*	*	pilot
Scallop Dredge	open	general	MA	all	*	*	*	*	*	*	*	*	*	
Scallop Dredge	closed	limited	NE	all	3	*	*	3	3	3	3	*	1	
Scallop Dredge	closed	limited	MA	all	*	*	*	*	*	*	*	*	*	
Scallop Dredge	closed	general	NE	all										pilot
Scallop Dredge	closed	general	MA	all	*	*	*	*	*	*	*	*	*	pilot
Mid-water paired & single Trawl	all	all	NE	all	3	*	*	2	4	4	4	*	1	
Mid-water paired & single Trawl	all	all	MA	all	*	*	*	*	*	*	*	*	*	
Fish Pots/ Traps	all	all	NE	all										pilot
Fish Pots/ Traps	all	all	MA	all	*	*	*	*	*	*	*	*	*	pilot
Purse Seine	all	all	NE	all	*	*	*	*	*	*	*	*	*	
Purse Seine	all	all	MA	all	*	*	*	*	*	*	*	*	*	pilot
Hand Line	all	all	NE	all	*	*	*	*	*	*	*	*	*	pilot
Hand Line	all	all	MA	all	*	*	*	*	*	*	*	*	*	pilot
Scottish Seine	all	all	NE	all	*	*	*	*	*	*	*	*	*	pilot
Clam Quahog Dredge	all	all	NE	all										pilot
Clam Quahog Dredge	all	all	MA	all										pilot
Crab Pots	all	all	NE	all										pilot
Crab Pots	all	all	MA	all										pilot
Lobster Pots	all	all	NE	all	*	*	*	*	*	*	*	*	*	pilot
Lobster Pots	all	all	MA	all										pilot

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