

Science, Service, Stewardship



# Standardized Bycatch Reporting Methodology: Annual Discard Report and Consultation / Prioritization Process in 2010

*Northeast Fisheries Science Center*

Presentation To:

New England Fishery Management Council  
Portsmouth, NH  
January 26-28, 2010

Mid Atlantic Fishery Management Council  
Cambridge, MD  
February 9-11, 2010

**NOAA  
FISHERIES  
SERVICE**



# Standardized Bycatch Reporting Methodology (SBRM)

- 1) SBRM Annual Discard Report 2010  
Summary of NE Fishery Observer Program data
- 2) SBRM Recommended Sea Days 2010  
Sea days needed for 30% CV  
Update based on July 2008- June 2009 data
- 3) Prioritization 2010  
Comparison of SBRM Recommended days &  
Prioritized sea days

**REQUEST COMMENTS BY FEBRUARY 26, 2010**



# SBRM Annual Discard Report 2010

## OUTLINE of Report (same format as 2009)

- BACKGROUND
- DATA USED
- ANNUAL REPORT TABLES
- CAUTIONARY NOTES TO READER
- SUMMARY list of tables
- Tables and Appendix Tables

Handout Summary has list of tables

Report is available on-line: [www.nefsc.noaa.gov](http://www.nefsc.noaa.gov)

*Search - Site Index - 'S' - SBRM*

# SBRM Annual Discard Report 2010

## ANNUAL DISCARD REPORT TABLES

Table numbers correspond to the report requirements (Federal Register). Divided into two sections.

### Section 1 (pages 1-200) contains:

Tables 1 - 5 where Tables 4a-b and 5a-b summarize data by species group  
Appendix Tables summarizing discard reasons for all species encountered

### Section 2 (pages 201 - 1531) contains:

Tables 4c,d - 5c,d which summarize individual species

Tables 4 and 5 are partitioned into two parts:  
fish/invertebrates are reported in live pounds;  
interactions of incidental take species are reported in numbers;

# SBRM Annual Discard Report 2010

## SUMMARY

- List of tables
- List of species groups
- List of individual species
  - reported in pounds
  - reported in numbers
- List of discard reasons and categories

|  |
|--|
| <b>ALL SPECIES</b>                                     |
| All species except turtles, marine mammals, and birds. |
| <b>ATLANTIC SALMON</b>                                 |
| <b>BLUEFISH</b>  |
| <b>FLUKE - SCUP - BLACK SEA BASS</b>                   |
| Black Sea Bass   |
| Fluke  |
| Scup   |
| <b>HERRING, ATLANTIC</b>                               |
| <b>LARGE MESH GROUND FISH</b>                          |
| American Plaice  |
| Atlantic Cod   |
| Atlantic Halibut                                       |
| Atlantic Wolffish                                      |
| Haddock  |
| Ocean Pout   |
| Pollock  |
| Redfish  |
| White Hake   |
| Windowpane Flounder                                    |
| Winter Flounder  |
| Witch Flounder   |
| Yellowtail Flounder                                    |
| <b>MONKFISH</b>  |
| <b>RED CRAB</b>  |
| <b>SEA SCALLOP</b>                                     |
| <b>SKATE COMPLEX</b>                                   |
| Barndoor Skate   |
| Clearnose Skate  |
| Little Skate   |
| Rosette Skate  |
| Smooth Skate   |
| Thorny Skate   |
| Winter Skate   |

|                                      |
|--------------------------------------|
| <b>SMALL MESH GROUND FISH</b>        |
| Offshore Hake                        |
| Red Hake                             |
| Silver Hake                          |
| <b>SPINY DOGFISH</b>                 |
| <b>SQUID - BUTTERFISH - MACKEREL</b> |
| Atlantic Mackerel                    |
| Butterfish                           |
| Illex Squid                          |
| Loligo Squid                         |
| <b>SURFCLAM - OCEAN QUAHOG</b>       |
| Surfclam                             |
| Ocean Quahog                         |
| <b>TILEFISH</b>                      |
| <b>SEA TURTLES</b>                   |
| Green Turtle                         |
| Hawksbill Turtle                     |
| Kemp's Ridley Turtle                 |
| Leatherback Turtle                   |
| Loggerhead Turtle                    |
| Olive Ridley Turtle                  |
| Slider (Pond) Turtle                 |
| Snapper Turtle                       |
| Terrapin Turtle                      |
| Turtles, unk.                        |
| Turtles, unk hard-shell              |

# Tables in SBRM Annual Report

1. Observed SEA DAYS by fleet and quarter
2. Observed TRIPS by fleet and quarter
3. Observed TRIPS by fleet and statistical area
4. Kept and discard pounds by fleet and quarter
  - a. by species group (fish)
  - b. by species group (turtles)
  - c. by individual species (fish)
  - d. by individual species (turtles)
5. Kept and discard pounds by fleet & stat. area

Appendix Table 1a. Species groups & Discard Reason Category

Appendix Table 1b. contains all living species reported in pounds:

Alewife through Wrymouth

Appendix 2a. Number of sea turtles

Appendix 2b. All Incidental take species



# SBRM Recommended Sea Days 2010

Sea days needed to attain a 30% CV

Document available on-line: [www.nefsc.noaa.gov](http://www.nefsc.noaa.gov)  
*Search - Site Index - 'S' - SBRM*

Printed copies available

# SBRM Recommended Sea Days

## NEW in 2010 Sea Day Analysis

- 7 new fleets (row numbers marked with \*) included:
  - Beam trawl (rows 47 & 48)
  - Floating trap (rows 16 & 17)
  - Ruhle trawl (row 13)
  - Shrimp pot (row 42)
  - Dredge, Other (row 49)
- Revised Turtle Importance Filters
  - updated 'unlikely' filter, and
  - used total discard filter and
  - used total mortality due to discards filter

New Analysis: the expected CV achieved given prioritized sea days.

# SBRM Recommended Sea Days

## NEW in 2010 Prioritization

- Turtle monitoring requirements in Industry-funded scallop fleets are explicitly included in the analysis
- Higher coverage of NE Groundfish fleets to support implementation of A16
- Coverage of US/CAN, B-day and Special Access Programs will be the same coverage rates as Sectors
- Fishing patterns are likely to be different under Sectors, a pre-trip notification system will assign coverage
- Anticipated but unknown changes in fishing patterns, discard rates, etc. reduce the utility of the optimization method for 2010-2011. No formal optimization was applied.

# SBRM Recommended Sea Days

|                                  | 2009 SBRM | 2010 SBRM |
|----------------------------------|-----------|-----------|
| Data                             | 2007-2008 | 2008-2009 |
| Fleets                           | 44        | 51        |
| Baseline<br>Sea Days             | 54,631    | 51,252    |
| Filtered<br>Sea Days             | 15,125    | 14,147    |
| Fleets with<br>Pilot<br>coverage | 24        | 28        |

Recommended  
Sea Days ←

The 7 new fleets contributed 108 (pilot) days of the 14,147 days

# Table 4. 2010 SBRM Recommended Sea Days

| Row | GearType           | Access Area | Trip Cat. | Region | Mesh | BLUE | HERR | SAL | RCRAB | SCAL | SBM | MONK | GFL | GFS   | SKATE | DOG   | FSB   | SCOQ | TILE | TURS  | Pilot days | 2010 SBRM Recommended Sea Days | Pilot |   |
|-----|--------------------|-------------|-----------|--------|------|------|------|-----|-------|------|-----|------|-----|-------|-------|-------|-------|------|------|-------|------------|--------------------------------|-------|---|
| 1   | Longline           | OPEN        | all       | MA     | all  | 0    | 0    | 0   | 0     | 0    | 0   | 109  | 109 | 0     | 109   | 109   | 0     | 0    | 109  | 109   | 109        | 109                            | 109   | P |
| 2   | Longline           | OPEN        | all       | NE     | all  | 0    | 0    | 0   | 0     | 0    | 0   | 0    | 0   | 0     | 0     | 0     | 0     | 0    | 0    | 0     | 0          | 25                             | 25    |   |
| 3   | Hand Line          | OPEN        | all       | MA     | all  | 0    | 0    | 0   | 0     | 0    | 0   | 0    | 70  | 0     | 0     | 0     | 0     | 0    | 0    | 0     | 70         | 70                             | 70    | P |
| 4   | Hand Line          | OPEN        | all       | NE     | all  | 0    | 0    | 0   | 0     | 0    | 0   | 0    | 0   | 0     | 0     | 0     | 0     | 0    | 0    | 0     | 0          | 50                             | 50    |   |
| 5   | Otter Trawl        | OPEN        | all       | MA     | sm   | 0    | 0    | 0   | 0     | 0    | 723 | 0    | 0   | 533   | 692   | 691   | 1,359 | 0    | 0    | 0     | 1,415      | 185                            | 1,415 |   |
| 6   | Otter Trawl        | OPEN        | all       | MA     | lg   | 0    | 0    | 0   | 0     | 0    | 0   | 0    | 161 | 2,175 | 158   | 237   | 265   | 0    | 0    | 0     | 240        | 2,175                          | 2,175 |   |
| 7   | Otter Trawl        | OPEN        | all       | NE     | sm   | 0    | 0    | 0   | 0     | 0    | 0   | 0    | 0   | 1,237 | 0     | 2,038 | 2,192 | 0    | 0    | 1,683 | 159        | 2,192                          |       |   |
| 8   | Otter Trawl        | OPEN        | all       | NE     | lg   | 0    | 0    | 0   | 0     | 0    | 0   | 438  | 64  | 668   | 61    | 238   | 370   | 0    | 0    | 0     | 520        | 668                            |       |   |
| 9   | Scallop Trawl      | AA          | GEN       | MA     | all  | 12   | 12   | 12  | 12    | 12   | 12  | 12   | 12  | 12    | 12    | 12    | 12    | 12   | 12   | 12    | 12         | 12                             | 12    | P |
| 10  | Scallop Trawl      | AA          | LIM       | MA     | all  | 41   | 41   | 41  | 41    | 41   | 41  | 41   | 41  | 41    | 41    | 41    | 41    | 41   | 41   | 41    | 41         | 41                             | 41    | P |
| 11  | Scallop Trawl      | OPEN        | GEN       | MA     | all  | 41   | 0    | 0   | 0     | 41   | 41  | 41   | 41  | 41    | 41    | 41    | 41    | 0    | 0    | 0     | 41         | 41                             | 41    | P |
| 12  | Scallop Trawl      | OPEN        | LIM       | MA     | all  | 84   | 0    | 0   | 0     | 84   | 84  | 84   | 84  | 84    | 84    | 84    | 84    | 0    | 0    | 0     | 84         | 84                             | 84    | P |
| 13+ | Otter Trawl, Ruhle | OPEN        | all       | NE     | all  | 3    | 3    | 3   | 3     | 3    | 3   | 3    | 3   | 3     | 3     | 3     | 3     | 3    | 3    | 3     | 3          | 3                              | 3     | P |
| 14  | Shrimp Trawl       | OPEN        | all       | MA     | all  | 0    | 97   | 0   | 0     | 0    | 97  | 97   | 97  | 97    | 97    | 0     | 97    | 0    | 0    | 0     | 97         | 97                             | 97    | P |
| 15  | Shrimp Trawl       | OPEN        | all       | NE     | all  | 0    | 0    | 0   | 0     | 0    | 0   | 0    | 0   | 0     | 0     | 0     | 0     | 0    | 0    | 0     | 0          | 36                             | 36    | P |
| 16+ | Floating Trap      | OPEN        | all       | MA     | all  | 15   | 15   | 15  | 15    | 15   | 15  | 15   | 15  | 15    | 15    | 15    | 15    | 15   | 15   | 15    | 15         | 15                             | 15    | P |
| 17+ | Floating Trap      | OPEN        | all       | NE     | all  | 0    | 0    | 0   | 0     | 0    | 0   | 0    | 0   | 0     | 0     | 0     | 0     | 0    | 0    | 0     | 0          | 0                              | 0     | P |

Table 4: Number of sea days needed to obtain a 30% CV by species group and fleet and the SBRM recommended sea days for each fleet

Row 6: Small-mesh Groundfish is the 'driving' species group for this fleet.

Row 9: new fleet in 2009, unlikely filter not updated, use 'pilot' to maintain some coverage.

Row 15: all species group are filtered out (0 days), used 'pilot' to maintain some coverage.

|       |
|-------|
| 35    |
| 478   |
| 423   |
| 12    |
| 159   |
| 140   |
| 10    |
| 30    |
| 43    |
| 12    |
| 93    |
| 255   |
| 49    |
| 23    |
| 3,443 |
| 475   |
| 34    |
| 379   |
| 26    |
| 13    |
| 16    |
| 13    |
| 128   |
| 56    |
| 9     |
| 68    |
| 427   |
| 37    |
| 51    |
| 31    |
| 18    |
| 23    |
| 67    |
| 29    |
| 4,147 |

# SBRM Recommended Sea Days

2010

Total for all fleets 14,147 days

Agency-funded fleets 9,689 days

Industry-funded fleets 4,458 days

- nine scallop fleets  
(rows 2, 4, 15, 18, 25, 26, 27, 28, 41)
- work plan is under development
- not Open area Limited Access Gen. Cat. fleets  
(rows 11,30,31)



# Funding for April 2010 to March 2011

Agency-funded (with constraints)

Industry-funded  
work plan under development

# Sea Day Funding Source Constraints

|                           |                         |   |
|---------------------------|-------------------------|---|
| Reducing Bycatch          | Temporary               | Funding dedicated nationally to generating bycatch reporting, rather than sea day support.  |
| MMPA Observers            | Permanent               | Funding source is to implement MMPA and must be applied to estimate marine mammal bycatch. <i>MMPA is not part of SBRM.</i>   |
| New England Groundfish    | Permanent<br><b>94%</b> | Funding sources can only be applied New England groundfish fisheries, or fisheries that take NE Groundfish as bycatch   |
| National Observer Program | Temporary               | Funding sources obtained in response to national RFP and must address the objectives of the funded proposal. Proposal was to provide infrastructure (data entry, editing, quality control, etc) |
| Atlantic Coast Observers  | Permanent<br><b>6%</b>  | Funding source to support observation of fish and sea turtle bycatch in Mid-Atlantic fisheries<br><br>(coverage split 50/50 between fish and turtles).  |

# Funding\* for April 2010 - March 2011

Agency Funding Sources 10,375 days  
Atlantic Coast 646 days  
NE Groundfish 9,719 days  
NEFOP 4,614 days and At-Sea Monitors (ASM) 5,105 days  
MMPA (days for SBRM) 10 days

Industry Funding assumed 4,000 days  
9 fleets (rows 2, 4, 15, 18, 25, 26, 27, 28, 41)  
Work plan is under development

14,375 funded days > 14,147 SBRM days  
shortfall exists in some fleets due to funding constraints

*\*as of January 15, 2010*



# **SBRM Prioritization Process**

# SBRM Prioritization Process

## Summary Table: Table 5\*

- 1) 2010 SBRM Recommended Sea Days  
(days needed to attain 30% CV in each applicable fishery)
  
- 2) Days allocated proportionally within two funding categories:
  - Agency-funded without funding constraints
  - Industry-funded

\* *handout in 11x17 format is available*

# SBRM Prioritization Process continued

## Summary Table continued

3) Days allocated proportionally within two funding categories:

- Agency-funded with funding constraints
- Industry-funded

4) Prioritized Sea Days

5) Rationale for the recommended prioritization

(1)

# 2010 Prioritization Table

| Row   | Gear Type                       | Access Area | Trip Cat. | Region | Mesh | 2010 SBRM Recommended Sea Days | Available coverage with shortfall applied proportionally | Available Coverage with shortfall applied proportionally within funding constraints | Prioritized April 2010 - March 2011 Coverage | April 2010 - March 2011 Difference from Preferred Alternative | April 2010 - March 2011 Percentage of Preferred Alternative | Justification                 | Basis for SBRM Coverage   |
|---|---------------------------------|-------------|-----------|--------|------|--------------------------------|--|---|--|---|---|-------------------------------|---|
| 1   | Longline                        | OPEN        | all       | MA     | all  | 109                            | 117  | 12  | 104  | 5   | 95%   | Fish stock assessment support | P   |
| 2   | Longline                        | OPEN        | all       | NE     | all  | 25                             | 27   |   |  |   |   |                               | P   |
| 3   | Hand Line                       | OPEN        | all       | MA     | all  | 70                             | 75   |   |  |   |   |                               | P   |
| 4   | Hand Line                       | OPEN        | all       | NE     | all  | 50                             | 54   |   |  |   |   |                               | P   |
| 5   | Otter Trawl                     | OPEN        | all       | MA     | sm   | 1415                           | 1515   |   |  |   |   |                               | P   |
| 6   | Otter Trawl                     | OPEN        | all       | MA     | lg   | 2175                           | 2329   |   |  |   |   |                               | P   |
| 7   | Otter Trawl                     | OPEN        | all       | NE     | sm   | 2192                           | 2347   |   |  |   |   |                               | P   |
| 8   | Otter Trawl                     | OPEN        | all       | NE     | lg   | 668                            | 715  |   |  |   |   |                               | P   |
| 9   | Scallop Trawl                   | AA          | GEN       | MA     | all  | 12                             | 11   |   |  |   |   |                               | P   |
| 10  | Scallop Trawl                   | AA          | LIM       | MA     | all  | 41                             | 37   |   |  |   |   |                               | P   |
| 11  | Scallop Trawl                   | OPEN        | GEN       | MA     | all  | 41                             | 44   |   |  |   |   |                               | P   |
| 12  | Scallop Trawl                   | OPEN        | LIM       | MA     | all  | 84                             | 75   |   |  |   |   |                               | P   |
| 13+   | Otter Trawl, Ruhle              | OPEN        | all       | NE     | all  | 3                              | 3  |   |  |   |   |                               | P   |
| 14  | Shrimp Trawl                    | OPEN        | all       | MA     | all  | 97                             | 104  |   |  |   |   |                               | P   |
| 15  | Shrimp Trawl                    | OPEN        | all       | NE     | all  | 36                             | 39   |   |  |   |   |                               | P   |
| 16+   | Floating Trap                   | OPEN        | all       | MA     | all  | 15                             | 16   |   |  |   |   |                               | P   |
| 17+   | Floating Trap                   | OPEN        | all       | NE     | all  | 9                              | 10   |   |  |   |   |                               | P   |
| 18  | Sink, Anchor, Drift Gillnet     | OPEN        | all       | MA     | sm   | 35                             | 37   |   |  |   |   |                               | P*  |
| 19  | Sink, Anchor, Drift Gillnet     | OPEN        | all       | MA     | lg   | 478                            | 512  |   |  |   |   |                               | P   |
| 20  | Sink, Anchor, Drift Gillnet     | OPEN        | all       | MA     | xlg  | 423                            | 43   |   |  |   |   |                               | P   |
| 21  | Sink, Anchor, Drift Gillnet     | OPEN        | all       | NE     | sm   | 12                             | 13   |   |  |   |   |                               | P   |
| 22  | Sink, Anchor, Drift Gillnet     | OPEN        | all       | NE     | lg   | 159                            | 170  |   |  |   |   |                               | P   |
| 23  | Sink, Anchor, Drift Gillnet     | OPEN        | all       | NE     | xlg  | 140                            | 150  |   |  |   |   |                               | P   |
| 24  | Purse Seine                     | OPEN        | all       | MA     | all  | 10                             | 11   |   |  |   |   |                               | P   |
| 25  | Purse Seine                     | OPEN        | all       | NE     | all  | 30                             | 32   |   |  |   |   |                               | P   |
| 26  | Scallop Dredge                  | AA          | GEN       | MA     | all  | 43                             | 39   |   |  |   |   |                               | P   |
| 27  | Scallop Dredge                  | AA          | GEN       | NE     | all  | 12                             | 11   |   |  |   |   |                               | P   |
| 28  | Scallop Dredge                  | AA          | LIM       | MA     | all  | 93                             | 83   |   |  |   |   |                               | P   |
| 29  | Scallop Dredge                  | AA          | LIM       | NE     | all  | 255                            | 229  |   |  |   |   |                               | P   |
| 30  | Scallop Dredge                  | OPEN        | GEN       | MA     | all  | 49                             | 52   |   |  |   |   |                               | P   |
| 31  | Scallop Dredge                  | OPEN        | GEN       | NE     | all  | 23                             | 25   |   |  |   |   |                               | P   |
| 32  | Scallop Dredge                  | OPEN        | LIM       | MA     | all  | 3443                           | 3089   |   |  |   |   |                               | P   |
| 33  | Scallop Dredge                  | OPEN        | LIM       | NE     | all  | 475                            | 426  |   |  |   |   |                               | P   |
| 34  | Mid-water Paired & Single Trawl | OPEN        | all       | MA     | all  | 34                             | 36   |   |  |   |   |                               | P   |
| 35  | Mid-water Paired & Single Trawl | OPEN        | all       | NE     | all  | 379                            | 406  |   |  |   |   |                               | P   |
| 36  | Pots and Traps, Fish            | OPEN        | all       | MA     | all  | 26                             | 28   |   |  |   |   |                               | P   |
| 37  | Pots and Traps, Fish            | OPEN        | all       | NE     | all  | 13                             | 14   |   |  |   |   |                               | P   |
| 38  | Pots and Traps, Conch           | OPEN        | all       | MA     | all  | 16                             | 17   |   |  |   |   |                               | P   |
| 39  | Pots and Traps, Conch           | OPEN        | all       | NE     | all  | 13                             | 14   |   |  |   |   |                               | P   |
| 40  | Pots and Traps, Hagfish         | OPEN        | all       | MA     | all  | 128                            | 137  |   |  |   |   |                               | P   |
| 41  | Pots and Traps, Hagfish         | OPEN        | all       | NE     | all  | 56                             | 60   |   |  |   |   |                               | P   |
| 42+   | Pots and Traps, Shrimp          | OPEN        | all       | NE     | all  | 9                              | 10   |   |  |   |   |                               | P   |
| 43  | Pots and Traps, Lobster         | OPEN        | all       | MA     | all  | 68                             | 73   |   |  |   |   |                               | P   |
| 44  | Pots and Traps, Lobster         | OPEN        | all       | NE     | all  | 427                            | 457  |   |  |   |   |                               | P   |
| 45  | Pots and Traps, Crab            | OPEN        | all       | MA     | all  | 37                             | 40   | 5   | 0  | -37   | 0%  |                               | P   |
| 46  | Pots and Traps, Crab            | OPEN        | all       | NE     | all  | 51                             | 55   | 114   | 0  | -51   | 0%  |                               | P   |
| 47+   | Beam Trawl                      | OPEN        | all       | MA     | all  | 31                             | 33   | 4   | 0  | -31   | 0%  |                               | P   |
| 48+   | Beam Trawl                      | OPEN        | all       | NE     | all  | 18                             | 19   | 40  | 0  | -18   | 0%  |                               | P   |
| 49+   | Dredge, Other                   | OPEN        | all       | MA     | all  | 23                             | 25   | 3   | 0  | -23   | 0%  |                               | P   |
| 50  | Ocean Quahog/Surf Clam Dredge   | OPEN        | all       | MA     | all  | 67                             | 72   | 8   | 0  | -67   | 0%  |                               | P   |
| 51  | Ocean Quahog/Surf Clam Dredge   | OPEN        | all       | NE     | all  | 29                             | 31   | 65  | 0  | -29   | 0%  |                               | P   |
| SAP/B day/US-CAN (covered as part of NE groundfish) |                                 |             |           |        |      |                                |  |   |  |   |   |                               |   |
| Discovery Days                                      |                                 |             |           |        |      |                                |  |   |  |   |   |                               |   |
| Total Days  |                                 |             |           |        |      | 14,147                         | 14,375   | 14,375  | 14,375                                       |   |   |                               | Notes:  |
| Projected Costs                                     |                                 |             |           |        |      | \$15,082,110                   | \$15,550,000   | \$15,550,000  | 11,539,038                                   |   |   |                               | 1: Sector monitoring coverage is dependent on industry activity |

1) 2010 SBRM Recommended Sea Days: at-sea observer coverage levels required to attain the SBRM performance standards in each applicable fishery

Based on data from July 2008 to June 2009



# 2010 Prioritization Table

| Row   | Gear/Type                       | Access Area | Trip Cat | Region | Mesh | 2010 SBRM Recommended Sea Days | Available Coverage with shortfall applied proportionally | Available Coverage with shortfall applied proportionally within funding constraints | Prioritized April 2010 - March 2011 Coverage | April 2010 - March 2011 Difference from Preferred Alternative | April 2010 - March 2011 Percentage of Preferred Alternative | Justification   | Basis for SBRM Coverage   |
|---|---------------------------------|-------------|----------|--------|------|--------------------------------|--|---|--|---|---|---|---|
| <p><b>SBRM requires 14,147 sea days (\$15.1 million)</b></p> <p><b>Agency funding for 10,375 days (\$7.4 million)</b></p> <p><b>Industry funding for ~4,000 days (\$3.1 million)</b></p> <p><b>Total 14,375 days</b></p> <p><b>Total: No Shortfall</b></p> <p><b>By fleet: Shortfall due to funding constraints</b></p> |                                 |             |          |        |      |                                |  |   |  |   |   |   |   |
| 29  | Scallop Dredge                  | AA          | LIM      | NE     | all  | 239                            | 229  | 229   | 237  | 2   | 101%  | Industry funded, coverage is dependent on industry activity | P   |
| 30  | Scallop Dredge                  | OPEN        | GEN      | MA     | all  | 49                             | 52   | 6   | 49   | 0   | 100%  | Fish stock assessment support                               | P   |
| 31  | Scallop Dredge                  | OPEN        | GEN      | NE     | all  | 23                             | 25   | 51  | 23   | 0   | 100%  | Fish stock assessment support                               | P   |
| 32  | Scallop Dredge                  | OPEN        | LIM      | MA     | all  | 3443                           | 3089   | 3089  | 1356   | -2087   | 39%   | Industry funded, coverage is dependent on industry activity | P   |
| 33  | Scallop Dredge                  | OPEN        | LIM      | NE     | all  | 475                            | 426  | 426   | 1628   | 1153  | 343%  | Industry funded, coverage is dependent on industry activity | P   |
| 34  | Mid-water Paired & Single Trawl | OPEN        | all      | MA     | all  | 34                             | 36   | 4   | 66   | 32  | 194%  | Fish stock assessment support                               | P   |
| 35  | Mid-water Paired & Single Trawl | OPEN        | all      | NE     | all  | 379                            | 406  | 848   | 379  | 0   | 100%  | Fish stock assessment support                               | P   |
| 36  | Pots and Traps, Fish            | OPEN        | all      | MA     | all  | 26                             | 28   | 3   | 0  | -26   | 0%  |   | P   |
| 37  | Pots and Traps, Fish            | OPEN        | all      | NE     | all  | 13                             | 14   | 29  | 0  | -13   | 0%  |   | P   |
| 38  | Pots and Traps, Conch           | OPEN        | all      | MA     | all  | 16                             | 17   | 2   | 0  | -16   | 0%  |   | P   |
| 39  | Pots and Traps, Conch           | OPEN        | all      | NE     | all  | 13                             | 14   | 29  | 0  | -13   | 0%  |   | P   |
| 40  | Pots and Traps, Hagfish         | OPEN        | all      | MA     | all  | 128                            | 137  | 16  | 0  | -128  | 0%  |   | P   |
| 41  | Pots and Traps, Hagfish         | OPEN        | all      | NE     | all  | 56                             | 60   | 125   | 0  | -56   | 0%  |   | P   |
| 42+   | Pots and Traps, Shrimp          | OPEN        | all      | NE     | all  | 9                              | 10   | 20  | 0  | -9  | 0%  |   | P   |
| 43  | Pots and Traps, Lobster         | OPEN        | all      | MA     | all  | 68                             | 73   | 8   | 0  | -68   | 0%  |   | P   |
| 44  | Pots and Traps, Lobster         | OPEN        | all      | NE     | all  | 427                            | 457  | 956   | 0  | -427  | 0%  |   | P   |
| 45  | Pots and Traps, Crab            | OPEN        | all      | MA     | all  | 37                             | 40   | 5   | 0  | -37   | 0%  |   | P   |
| 46  | Pots and Traps, Crab            | OPEN        | all      | NE     | all  | 51                             | 55   | 114   | 0  | -51   | 0%  |   | P   |
| 47+   | Beam Trawl                      | OPEN        | all      | MA     | all  | 31                             | 33   | 4   | 0  | -31   | 0%  |   | P   |
| 48+   | Beam Trawl                      | OPEN        | all      | NE     | all  | 18                             | 19   | 40  | 0  | -18   | 0%  |   | P   |
| 49+   | Dredge, Other                   | OPEN        | all      | MA     | all  | 23                             | 25   | 3   | 0  | -23   | 0%  |   | P   |
| 50  | Ocean Quahog/Surf Clam Dredge   | OPEN        | all      | MA     | all  | 67                             | 72   | 8   | 0  | -67   | 0%  |   | P   |
| 51  | Ocean Quahog/Surf Clam Dredge   | OPEN        | all      | NE     | all  | 29                             | 31   | 65  | 0  | -29   | 0%  |   | P   |
| SAP/B day/US-CAN (covered as part of NE groundfish)   |                                 |             |          |        |      |                                |  |   |  |   |   |   |   |
| Discovery Days  |                                 |             |          |        |      |                                |  |   |  |   |   |   |   |
| Total Days  |                                 |             |          |        |      | 14,147                         | 14,375   | 14,375  | 14,375                                       |   |   |   | Notes:  |
| Projected Costs   |                                 |             |          |        |      | \$15,082,110                   | \$15,550,000   | \$15,550,000  | 11,539,038                                   |   |   |   | 1: Sector monitoring coverage is dependent on industry activity |

(2) (3)

# 2010 Prioritization Table

2) Coverage levels that would be available if funds were allocated proportionally across all applicable fisheries without funding constraints

3) Coverage levels that would be available if funds were allocated proportionally across all applicable fisheries with funding constraints

| RC | 2010 SBRM Recommended Sea Days                      | Available Coverage with shortfall applied proportionally | Available Coverage with shortfall applied proportionally within funding constraints | Prioritized April 2010 - March 2011 Coverage | April 2010 - March 2011 | April 2010 - March 2011 | Basis for SBRM Coverage |   |
|----|---|--|---|--|-------------------------|-------------------------|-------------------------|---|
|    |   |  |   |  | Diff                    | Diff                    |                         |   |
|    | 109   | 117  | 13  | 104  |                         |                         | P                       |   |
|    | 25  | 27   | 56  | 201  |                         |                         | P                       |   |
|    | 70  | 75   | 9   | 0  |                         |                         | P                       |   |
|    | 50  | 54   | 113   | 50   |                         |                         | P                       |   |
|    | 1415  | 1515   | 174   | 116  |                         |                         | P                       |   |
|    | 2175  | 2329   | 267   | 1537   |                         |                         | P                       |   |
|    | 2192  | 2347   | 4906  | 733  |                         |                         | P                       |   |
|    | 668   | 715  | 1495  | 4190   |                         |                         | P                       |   |
|    | 12  | 11   | 11  | 24   |                         |                         | P                       |   |
|    | 41  | 37   | 37  | 5  |                         |                         | P                       |   |
|    | 41  | 44   | 5   | 41   |                         |                         | P                       |   |
|    | 84  | 75   | 75  | 34   |                         |                         | P                       |   |
|    | 3   | 3  | 7   | 0  |                         |                         | P                       |   |
|    | 97  | 104  | 12  | 0  |                         |                         | P                       |   |
|    | 36  | 39   | 81  | 16   |                         |                         | P                       |   |
|    | 15  | 16   | 2   | 0  |                         |                         | P                       |   |
|    | 9   | 10   | 20  | 0  |                         |                         | P                       |   |
|    | 35  | 37   | 4   | 0  |                         |                         | P                       |   |
|    | 478   | 512  | 59  | 100  |                         |                         | P                       |   |
|    | 423   | 453  | 52  | 302  |                         |                         | P                       |   |
|    | 12  | 13   | 27  | 12   |                         |                         | P                       |   |
|    | 159   | 170  | 356   | 1667   |                         |                         | P                       |   |
|    | 140   | 150  | 313   | 739  |                         |                         | P                       |   |
|    | 10  | 11   | 1   | 20   |                         |                         | P                       |   |
|    | 30  | 32   | 67  | 30   |                         |                         | P                       |   |
|    | 43  | 39   | 39  | 224  |                         |                         | P                       |   |
|    | 12  | 11   | 11  | 30   |                         |                         | P                       |   |
|    | 93  | 83   | 83  | 442  |                         |                         | P                       |   |
|    | 255   | 229  | 229   | 257  |                         |                         | P                       |   |
|    | 49  | 52   | 6   | 49   |                         |                         | P                       |   |
|    | 23  | 25   | 51  | 23   |                         |                         | P                       |   |
|    | 3443  | 3089   | 3089  | 1356   |                         |                         | P                       |   |
|    | 475   | 426  | 426   | 1628   |                         |                         | P                       |   |
|    | 34  | 36   | 4   | 66   |                         |                         | P                       |   |
|    | 379   | 406  | 848   | 379  |                         |                         | P                       |   |
|    | 26  | 28   | 3   | 0  |                         |                         | P                       |   |
|    | 13  | 14   | 29  | 0  |                         |                         | P                       |   |
|    | 16  | 17   | 2   | 0  |                         |                         | P                       |   |
|    | 13  | 14   | 29  | 0  |                         |                         | P                       |   |
|    | 128   | 137  | 16  | 0  |                         |                         | P                       |   |
|    | 56  | 60   | 125   | 0  |                         |                         | P                       |   |
|    | 9   | 10   | 20  | 0  |                         |                         | P                       |   |
|    | 68  | 73   | 8   | 0  |                         |                         | P                       |   |
|    | 427   | 457  | 956   | 0  |                         |                         | P                       |   |
|    | 37  | 40   | 5   | 0  |                         |                         | P                       |   |
|    | 51  | 55   | 114   | 0  |                         |                         | P                       |   |
|    | 31  | 33   | 4   | 0  |                         |                         | P                       |   |
|    | 18  | 19   | 40  | 0  |                         |                         | P                       |   |
|    | 23  | 25   | 3   | 0  |                         |                         | P                       |   |
|    | 67  | 72   | 8   | 0  |                         |                         | P                       |   |
|    | 29  | 31   | 65  | 0  |                         |                         | P                       |   |
|    | SAP/B day/US-CAN (covered as part of NE groundfish) |  |   |  |                         |                         |                         |   |
|    | Discovery Days                                      |  |   |  |                         |                         |                         |   |
|    | Total Days  | 14,147   | 14,375  | 14,375                                       |                         |                         |                         | Notes:  |
|    | Projected Costs                                     | \$15,082,110   | \$15,550,000  | \$15,550,000                                 | 11,539,038              |                         |                         | 1: Sector monitoring coverage is dependent on industry activity |

# 2010 Prioritization Table

(4)

| Row | GearType  | Access Area | Trip Cat. | Region | Mesh | 2010 SBRM Recommended Sea Days | Available Coverage with shortfall applied proportionally | Available Coverage with shortfall applied proportionally with funding constraints | Age Applied | Prioritized April 2010 - March 2011 Coverage | April 2010 - March 2011 Difference from Preferred Alternative | April 2010 - March 2011 Percentage of Preferred Alternative | Justification   | Basis for SBRM Coverage   |  |
|-----|---|-------------|-----------|--------|------|--------------------------------|--|---|-------------|--|---|---|---|---|--|
| 1   | Longline  | OPEN        | all       | MA     | all  | 109                            | 117  | 13  |             | 104  | -5  | 95%   | Fish stock assessment support <sup>1</sup>  | P   |  |
| 2   | Longline  | OPEN        | all       | NE     | all  | 25                             | 27   | 56  |             | 201  | 176   | 806%  | Fish stock assessment support <sup>1</sup>  |   |  |
| 3   | Hand Line   | OPEN        | all       | MA     | all  | 70                             | 75   | 9   |             | 0  | -70   | 0%  |   | P   |  |
| 4   | Hand Line   | OPEN        | all       | NE     | all  | 50                             | 54   | 113   |             | 50   | 0   | 99%   | Fish stock assessment support   |   |  |
| 5   | Otter Trawl   | OPEN        | all       | MA     | sm   | 1415                           | 1515   | 174   |             | 116  | -1299   | 8%  | Fish stock assessment and turtle bycatch support  |   |  |
| 6   |   |             |           |        |      |                                |  | 267   |             | 1537   | -638  | 71%   | Fish stock assessment and turtle bycatch support <sup>1</sup>   |   |  |
| 7   |   |             |           |        |      |                                |  | 4906  |             | 733  | -1459   | 33%   | Fish stock assessment support   |   |  |
| 8   |   |             |           |        |      |                                |  | 1495  |             | 4190   | 3522  | 627%  | Fish stock assessment support <sup>1</sup>  |   |  |
| 9   |   |             |           |        |      |                                |  | 11  |             | 24   | 12  | 204%  | Industry funded, coverage is dependent on industry activity   | P   |  |
| 10  |   |             |           |        |      |                                |  | 37  |             | 5  | -36   | 11%   | Industry funded, coverage is dependent on industry activity   | P   |  |
| 11  |   |             |           |        |      |                                |  | 5   |             | 41   | 0   | 100%  | Fish stock assessment support   | P   |  |
| 12  |   |             |           |        |      |                                |  | 75  |             | 34   | -50   | 40%   | Industry funded, coverage is dependent on industry activity   | P   |  |
| 13+ |   |             |           |        |      |                                |  | 7   |             | 0  | -3  | 15%   | Coverage is expected for fish stock assessment support and US/CAN monitoring <sup>1</sup>               | P   |  |
| 14  |   |             |           |        |      |                                |  | 12  |             | 0  | -97   | 0%  |   | P   |  |
| 15  |   |             |           |        |      |                                |  | 81  |             | 16   | -20   | 44%   | Fish stock assessment support   |   |  |
| 16+ |   |             |           |        |      |                                |  | 2   |             | 0  | -15   | 0%  |   | P   |  |
| 17+ |   |             |           |        |      |                                |  | 20  |             | 0  | -9  | 0%  |   | P   |  |
| 18  |   |             |           |        |      |                                |  | 4   |             | 0  | -35   | 0%  | (355 days for protected species bycatch not included in SBRM)   |   |  |
| 19  |   |             |           |        |      |                                |  | 59  |             | 100  | -378  | 21%   | Fish stock assessment support <sup>1</sup> (56 days for protected species bycatch not included in SBRM) | P*  |  |
| 20  |   |             |           |        |      |                                |  | 52  |             | 302  | -121  | 71%   | Fish stock assessment support <sup>1</sup> (62 days for protected species bycatch not included in SBRM) |   |  |
| 21  |   |             |           |        |      |                                |  | 27  |             | 12   | 0   | 102%  | Fish stock assessment support (2 days for protected species bycatch not included in SBRM)               | P   |  |
| 22  |   |             |           |        |      |                                |  | 356   |             | 1667   | 1508  | 1049%   | Fish stock assessment support <sup>1</sup> (69 days for protected species bycatch not included in SBRM) |   |  |
| 23  |   |             |           |        |      |                                |  | 313   |             | 739  | 599   | 528%  | Fish stock assessment support <sup>1</sup> (46 days for protected species bycatch not included in SBRM) |   |  |
| 24  |   |             |           |        |      |                                |  | 1   |             | 20   | 10  | 200%  | Fish stock assessment and turtle bycatch support  | P   |  |
| 25  |   |             |           |        |      |                                |  | 67  |             | 30   | 0   | 100%  | Fish stock assessment support   |   |  |
| 26  |   |             |           |        |      |                                |  | 39  |             | 224  | 181   | 521%  | Industry funded, coverage is dependent on industry activity   |   |  |
| 27  |   |             |           |        |      |                                |  | 11  |             | 30   | 18  | 252%  | Industry funded, coverage is dependent on industry activity   |   |  |
| 28  |   |             |           |        |      |                                |  | 83  |             | 442  | 349   | 476%  | Industry funded, coverage is dependent on industry activity   |   |  |
| 29  |   |             |           |        |      |                                |  | 229   |             | 257  | 2   | 101%  | Industry funded, coverage is dependent on industry activity   |   |  |
| 30  |   |             |           |        |      |                                |  | 6   |             | 49   | 0   | 100%  | Fish stock assessment support   |   |  |
| 31  |   |             |           |        |      |                                |  | 51  |             | 23   | 0   | 100%  | Fish stock assessment support   |   |  |
| 32  |   |             |           |        |      |                                |  | 3089  |             | 1356   | -2087   | 39%   | Industry funded, coverage is dependent on industry activity   |   |  |
| 33  |   |             |           |        |      |                                |  | 426   |             | 1628   | 1153  | 343%  | Industry funded, coverage is dependent on industry activity   |   |  |
| 34  |   |             |           |        |      |                                |  | 4   |             | 66   | 32  | 194%  | Fish stock assessment support   | P   |  |
| 35  |   |             |           |        |      |                                |  | 848   |             | 379  | 0   | 100%  | Fish stock assessment support   |   |  |
| 36  | Pots and Traps, Fish                                | OPEN        | all       | MA     | all  | 20                             | 20   | 3   |             | 0  | -26   | 0%  |   | P   |  |
| 37  | Pots and Traps, Fish                                | OPEN        | all       | NE     | all  | 13                             | 14   | 29  |             | 0  | -13   | 0%  |   | P   |  |
| 38  | Pots and Traps, Conch                               | OPEN        | all       | MA     | all  | 16                             | 17   | 2   |             | 0  | -16   | 0%  |   | P   |  |
| 39  | Pots and Traps, Conch                               | OPEN        | all       | NE     | all  | 13                             | 14   | 29  |             | 0  | -13   | 0%  |   | P   |  |
| 40  | Pots and Traps, Hagfish                             | OPEN        | all       | MA     | all  | 128                            | 137  | 16  |             | 0  | -128  | 0%  |   | P   |  |
| 41  | Pots and Traps, Hagfish                             | OPEN        | all       | NE     | all  | 56                             | 60   | 125   |             | 0  | -56   | 0%  |   |   |  |
| 42+ | Pots and Traps, Shrimp                              | OPEN        | all       | NE     | all  | 9                              | 10   | 2   |             | 0  | -9  | 0%  |   | P   |  |
| 43  | Pots and Traps, Lobster                             | OPEN        | all       | MA     | all  | 68                             | 73   | 6   |             | 0  | -68   | 0%  |   | P   |  |
| 44  | Pots and Traps, Lobster                             | OPEN        | all       | NE     | all  | 427                            | 457  | 956   |             | 0  | -427  | 0%  |   | P   |  |
| 45  | Pots and Traps, Crab                                | OPEN        | all       | MA     | all  | 37                             | 40   | 5   |             | 0  | -37   | 0%  |   | P   |  |
| 46  | Pots and Traps, Crab                                | OPEN        | all       | NE     | all  | 51                             | 55   | 114   |             | 0  | -51   | 0%  |   | P   |  |
| 47+ | Beam Trawl  | OPEN        | all       | MA     | all  | 31                             | 33   | 4   |             | 0  | -31   | 0%  |   | P   |  |
| 48+ | Beam Trawl  | OPEN        | all       | NE     | all  | 18                             | 19   | 40  |             | 0  | -18   | 0%  |   | P   |  |
| 49  | Dredge, Other                                       | OPEN        | all       | MA     | all  | 23                             | 25   | 3   |             | 0  | -23   | 0%  |   | P   |  |
| 50  | Ocean Quahog/Surf Clam Dredge                       | OPEN        | all       | MA     | all  | 67                             | 72   | 8   |             | 0  | -67   | 0%  |   | P   |  |
| 51  | Ocean Quahog/Surf Clam Dredge                       | OPEN        | all       | NE     | all  | 29                             | 31   | 65  |             | 0  | -29   | 0%  |   | P   |  |
|     | SAP/B day/US-CAN (covered as part of NE groundfish) |             |           |        |      |                                |  |   |             |  |   |   |   |   |  |
|     | Discovery Days                                      |             |           |        |      |                                |  |   |             |  |   |   |   |   |  |
|     | Total Days  |             |           |        |      | 14,147                         | 14,375   | 14,375  |             | 14,375                                       |   |   |   | Notes:  |  |
|     | Projected Costs                                     |             |           |        |      | \$15,082,110                   | \$15,550,000   | \$15,550,000  |             | 11,539,038                                   |   |   |   | 1: Sector monitoring coverage is dependent on industry activity |  |

4) Prioritized coverage levels (Provisional due to Pre-trip notification system, Industry funded days, etc)



# 2010 Prioritization Table

(5)

| Row | GearType  | Access Area | Trip Cat. | Region | Mesh | 2010 SBRM Recommended Sea Days | Available Coverage with shortfall applied proportionally | Available Coverage with shortfall applied proportionally within funding constraints | Prioritized April 2010 - March 2011 Coverage | April 2010 - March 2011 Difference from Preferred Alternative | April 2010 - March 2011 Percentage of Preferred Alternative | Justification  | Basis for SBRM Coverage   |  |
|-----|---|-------------|-----------|--------|------|--------------------------------|--|---|--|---|---|--|---|--|
| 1   | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 95%   | Fish stock assessment support <sup>1</sup>   | P   |  |
| 2   | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 806%  | Fish stock assessment support <sup>1</sup>   |   |  |
| 3   | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 0%  |  | P   |  |
| 4   | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 99%   | Fish stock assessment support  |   |  |
| 5   | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 8%  | Fish stock assessment and turtle bycatch support   |   |  |
| 6   | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 71%   | Fish stock assessment and turtle bycatch support <sup>1</sup>  |   |  |
| 7   | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 33%   | Fish stock assessment support  |   |  |
| 8   | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 627%  | Fish stock assessment support <sup>1</sup>   |   |  |
| 9   | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 204%  | Industry funded, coverage is dependent on industry activity  | P   |  |
| 10  | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 11%   | Industry funded, coverage is dependent on industry activity  | P   |  |
| 11  | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 100%  | Fish stock assessment support  | P   |  |
| 12  | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 40%   | Industry funded, coverage is dependent on industry activity<br>Coverage is expected for fish stock assessment support and US/CAN monitoring <sup>1</sup> | P   |  |
| 13+ | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 15%   |  | P   |  |
| 14  | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 0%  |  | P   |  |
| 15  | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 44%   | Fish stock assessment support  |   |  |
| 16+ | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 0%  |  | P   |  |
| 17+ | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 0%  |  | P   |  |
| 18  | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 0%  | (355 days for protected species bycatch not included in SBRM)  |   |  |
| 19  | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 21%   | Fish stock assessment support <sup>1</sup> (56 days for protected species bycatch not included in SBRM)  | P*  |  |
| 20  | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 71%   | Fish stock assessment support <sup>1</sup> (62 days for protected species bycatch not included in SBRM)  |   |  |
| 21  | Landing   | OPEN        | all       | MA     | all  | 100                            | 117  | 12  | 104  | 5   | 102%  | Fish stock assessment support (2 days for protected species bycatch not included in SBRM)  | P   |  |
| 22  | Sink, Anchor, Drift Gillnet                         | OPEN        | all       | NE     | lg   | 159                            | 170  | 356   | 1667   | 1508  | 1049%   | Fish stock assessment support <sup>1</sup> (69 days for protected species bycatch not included in SBRM)  |   |  |
| 23  | Sink, Anchor, Drift Gillnet                         | OPEN        | all       | NE     | xl   | 140                            | 150  | 313   | 739  | 599   | 528%  | Fish stock assessment support <sup>1</sup> (46 days for protected species bycatch not included in SBRM)  |   |  |
| 24  | Purse Seine   | OPEN        | all       | MA     | all  | 10                             | 11   | 1   | 20   | 10  | 200%  | Fish stock assessment and turtle bycatch support   | P   |  |
| 25  | Purse Seine   | OPEN        | all       | NE     | all  | 30                             | 32   | 67  | 30   | 0   | 100%  | Fish stock assessment support  |   |  |
| 26  | Scallop Dredge                                      | AA          | GEN       | MA     | all  | 43                             | 39   | 39  | 224  | 181   | 521%  | Industry funded, coverage is dependent on industry activity  |   |  |
| 27  | Scallop Dredge                                      | AA          | GEN       | NE     | all  | 12                             | 11   | 11  | 30   | 18  | 252%  | Industry funded, coverage is dependent on industry activity  |   |  |
| 28  | Scallop Dredge                                      | AA          | LIM       | MA     | all  | 93                             | 83   | 83  | 442  | 349   | 476%  | Industry funded, coverage is dependent on industry activity  |   |  |
| 29  | Scallop Dredge                                      | AA          | LIM       | NE     | all  | 255                            | 229  | 229   | 257  | 2   | 101%  | Industry funded, coverage is dependent on industry activity  |   |  |
| 30  | Scallop Dredge                                      | OPEN        | GEN       | MA     | all  | 49                             | 52   | 6   | 49   | 0   | 100%  | Fish stock assessment support  |   |  |
| 31  | Scallop Dredge                                      | OPEN        | GEN       | NE     | all  | 23                             | 25   | 51  | 23   | 0   | 100%  | Fish stock assessment support  |   |  |
| 32  | Scallop Dredge                                      | OPEN        | LIM       | MA     | all  | 3443                           | 3089   | 3089  | 1356   | -2087   | 39%   | Industry funded, coverage is dependent on industry activity  |   |  |
| 33  | Scallop Dredge                                      | OPEN        | LIM       | NE     | all  | 475                            | 426  | 426   | 1628   | 1153  | 343%  | Industry funded, coverage is dependent on industry activity  |   |  |
| 34  | Mid-water Paired & Single Trawl                     | OPEN        | all       | MA     | all  | 34                             | 36   | 4   | 66   | 32  | 194%  | Fish stock assessment support  | P   |  |
| 35  | Mid-water Paired & Single Trawl                     | OPEN        | all       | NE     | all  | 379                            | 406  | 848   | 379  | 0   | 100%  | Fish stock assessment support  |   |  |
| 36  | Pots and Traps, Fish                                | OPEN        | all       | MA     | all  | 26                             | 28   | 3   | 0  | -26   | 0%  |  | P   |  |
| 37  | Pots and Traps, Fish                                | OPEN        | all       | NE     | all  | 13                             | 14   | 29  | 0  | -13   | 0%  |  | P   |  |
| 38  | Pots and Traps, Conch                               | OPEN        | all       | MA     | all  | 16                             | 17   | 2   | 0  | -16   | 0%  |  | P   |  |
| 39  | Pots and Traps, Conch                               | OPEN        | all       | NE     | all  | 13                             | 14   | 29  | 0  | -13   | 0%  |  | P   |  |
| 40  | Pots and Traps, Hagfish                             | OPEN        | all       | MA     | all  | 128                            | 137  | 16  | 0  | -128  | 0%  |  | P   |  |
| 41  | Pots and Traps, Hagfish                             | OPEN        | all       | NE     | all  | 56                             | 60   | 125   | 0  | -56   | 0%  |  | P   |  |
| 42+ | Pots and Traps, Shrimp                              | OPEN        | all       | NE     | all  | 9                              | 10   | 20  | 0  | -9  | 0%  |  | P   |  |
| 43  | Pots and Traps, Lobster                             | OPEN        | all       | MA     | all  | 68                             | 73   | 8   | 0  | -68   | 0%  |  | P   |  |
| 44  | Pots and Traps, Lobster                             | OPEN        | all       | NE     | all  | 427                            | 457  | 956   | 0  | -427  | 0%  |  | P   |  |
| 45  | Pots and Traps, Crab                                | OPEN        | all       | MA     | all  | 37                             | 40   | 5   | 0  | -37   | 0%  |  | P   |  |
| 46  | Pots and Traps, Crab                                | OPEN        | all       | NE     | all  | 51                             | 55   | 114   | 0  | -51   | 0%  |  | P   |  |
| 47+ | Beam Trawl  | OPEN        | all       | MA     | all  | 31                             | 33   | 4   | 0  | -31   | 0%  |  | P   |  |
| 48+ | Beam Trawl  | OPEN        | all       | NE     | all  | 18                             | 19   | 40  | 0  | -18   | 0%  |  | P   |  |
| 49  | Dredge, Other                                       | OPEN        | all       | MA     | all  | 23                             | 25   | 3   | 0  | -23   | 0%  |  | P   |  |
| 50  | Ocean Quahog/Surf Clam Dredge                       | OPEN        | all       | MA     | all  | 67                             | 72   | 8   | 0  | -67   | 0%  |  | P   |  |
| 51  | Ocean Quahog/Surf Clam Dredge                       | OPEN        | all       | NE     | all  | 29                             | 31   | 65  | 0  | -29   | 0%  |  | P   |  |
|     | SAP/B day/US-CAN (covered as part of NE groundfish) |             |           |        |      |                                |  |   |  |   |   |  |   |  |
|     | Discovery Days                                      |             |           |        |      |                                |  |   |  |   |   |  |   |  |
|     | Total Days  |             |           |        |      | 14,147                         | 14,375   | 14,375  | 14,375                                       |   |   |  | Notes:  |  |
|     | Projected Costs                                     |             |           |        |      | \$15,082,110                   | \$15,550,000   | \$15,550,000  | 11,539,038                                   |   |   |  | <sup>1</sup> : Sector monitoring coverage is dependent on industry activity |  |

5) The rationale for the recommended prioritization

- Statistical & Ad-hoc
- Industry funded
- Pre-Trip Notification program

# Table 6: Expected achieved CV for prioritized days

| Row | GearType      | Access Area | Trip Cat. | Region | Mesh | 2010 SBRM<br>Prioritized<br>Sea Days | BLUE | HERR | SAL | RCRAB | SCAL  | SBM | MONK  | GFL   | GFS   | SKATE | DOG   | FSB   | SCOQ | TILE | TURS | Pilot |       |  |
|-----|---------------|-------------|-----------|--------|------|--------------------------------------|------|------|-----|-------|-------|-----|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|--|
| 1   | Longline      | OPEN        | all       | MA     | all  | 104                                  |      |      |     |       |       |     |       |       |       |       |       |       |      |      |      | P     |       |  |
| 2   | Longline      | OPEN        | all       | NE     | all  | 201                                  | *    | *    | *   | *     | *     | *   | *     | *     | *     | *     | *     | *     | *    | *    | *    | *     | P     |  |
| 3   | Hand Line     | OPEN        | all       | MA     | all  | 0                                    |      |      |     |       |       |     |       |       |       |       |       |       |      |      |      | P     |       |  |
| 4   | Hand Line     | OPEN        | all       | NE     | all  | 191                                  | *    | *    | *   | *     | *     | *   | *     | *     | *     | *     | *     | *     | *    | *    | *    | *     | P     |  |
| 5   | Otter Trawl   | OPEN        | all       | MA     | sm   | 116                                  | *    | *    | *   | *     | 0.780 | *   | *     | *     | 0.662 | 0.751 | 0.772 | 1.183 | *    | *    | *    | 1.133 |       |  |
| 6   | Otter Trawl   | OPEN        | all       | MA     | lg   | 1,537                                | *    | *    | *   | *     | *     | *   | *     | 0.092 | 0.370 | 0.090 | 0.112 | 0.119 | *    | *    | *    | *     |       |  |
| 7   | Otter Trawl   | OPEN        | all       | NE     | sm   | 603                                  | *    | *    | *   | *     | *     | *   | *     | *     | 0.445 | *     | 0.587 | 0.614 | *    | *    | *    | *     | 0.514 |  |
| 8   | Otter Trawl   | OPEN        | all       | NE     | lg   | 4,190                                | *    | *    | *   | *     | *     | *   | 0.089 | 0.034 | 0.113 | 0.033 | 0.067 | 0.083 | *    | *    | *    | *     |       |  |
| 9   | Scallop Trawl | AA          | GEN       | MA     | all  | 24                                   |      |      |     |       |       |     |       |       |       |       |       |       |      |      |      | P     |       |  |
| 10  | Scallop Trawl | AA          | LIM       | MA     | all  | 5                                    |      |      |     |       |       |     |       |       |       |       |       |       |      |      |      | P     |       |  |
| 11  | Scallop Trawl | OPEN        | GEN       | MA     | all  | 0                                    |      |      |     |       |       |     |       |       |       |       |       |       |      |      |      | P     |       |  |
| 12  | Scallop Trawl | OPEN        | LIM       | MA     | all  | 34                                   |      |      |     |       |       |     |       |       |       |       |       |       |      |      |      | P     |       |  |



**New analysis in 2010**

**Table 6. Expected achieved CV by species group and fleet for the prioritized days.**

**FOR EXAMPLE:**

**ROW 6 MA OTTER TRAWL LARGE-MESH Fleet**

|     |                               |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |    |
|-----|-------------------------------|------|-----|----|-----|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|----|
| 13+ | Ott                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |    |
| 14  | Shr                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 15  | Shr                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 16+ | Flo                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 17+ | Flo                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 18  | Sin                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 19  | Sin                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.859 | P* |
| 20  | Sin                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.361 |    |
| 21  | Sin                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 22  | Sin                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | *     |    |
| 23  | Sin                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | *     |    |
| 24  | Pur                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 25  | Pur                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | *     |    |
| 26  | Sc                            |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | *     |    |
| 27  | Sc                            |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | *     |    |
| 28  | Sc                            |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | *     |    |
| 29  | Sc                            |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | *     |    |
| 30  | Sc                            |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | *     |    |
| 31  | Sc                            |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | *     |    |
| 32  | Sc                            |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.522 |    |
| 33  | Sc                            |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | *     |    |
| 34  | Mid                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | *     | P  |
| 35  | Mid                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | *     |    |
| 36  | Pot                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 37  | Pot                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 38  | Pot                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 39  | Pot                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 40  | Pot                           |      |     |    |     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 41  | Pots and Traps, Hagfish       | OPEN | all | NE | all | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 42+ | Pots and Traps, Shrimp        | OPEN | all | NE | all | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 43  | Pots and Traps, Lobster       | OPEN | all | MA | all | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 44  | Pots and Traps, Lobster       | OPEN | all | NE | all | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 45  | Pots and Traps, Crab          | OPEN | all | MA | all | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 46  | Pots and Traps, Crab          | OPEN | all | NE | all | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 47+ | Beam Trawl                    | OPEN | all | MA | all | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 48+ | Beam Trawl                    | OPEN | all | NE | all | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 49+ | Dredge, Other                 | OPEN | all | MA | all | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 50  | Ocean Quahog/Surf Clam Dredge | OPEN | all | MA | all | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |
| 51  | Ocean Quahog/Surf Clam Dredge | OPEN | all | NE | all | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       | P  |

# Table 6. Expected achieved CV for prioritized days

Example: MA Otter trawl large-mesh (row 6)

SBRM recommended days = 2,175 (Table 5)

Prioritized sea days = 1,537 (638 day difference)

The expected CV achieved for the important species groups shows that 4 of the 5 species groups have a CV less than 30%. An additional 638 days would be needed to lower the small-mesh groundfish (GFS) CV by 7% for all species group to have a 30% or less CV.

## Table 6 row 6

| Row | 2010 SBRM<br>Prioritized<br>Sea Days | BLUE | HERR | SAL | RCRAB | SCAL | SBM | MONK | GFL   | GFS   | SKATE | DOG   | FSB   | SCOQ | TILE | TURS | Pilot |
|-----|--------------------------------------|------|------|-----|-------|------|-----|------|-------|-------|-------|-------|-------|------|------|------|-------|
| 6   | 1,537                                | *    | *    | *   | *     | *    | *   | *    | 0.092 | 0.370 | 0.090 | 0.112 | 0.119 | *    | *    | *    |       |

\* indicate species groups filtered out through the importance filter process

# Important Caveats for 2010 Prioritization

- Funding constraints remain an issue and shortfall by fleet results; Mid-Atlantic fleets and small-mesh fleets remain under funded.
- Change in management regulations will result in different fishing practices such that previous year's data can not be used to inform the prioritization, thus provisional.
- High level of NE Groundfish coverage, fleet coverage rates will rely more on proportional allocation and systematic sampling governed by actual fishing activity.

# Important Caveats for 2010 Prioritization

continued.

- The pre-trip notification system will dynamically assign sea day coverage to industry activity for common pool and sector fleets by gear type and access area.
- Industry-funded coverage in the scallop fleets is the subject of ongoing discussions between industry and government. These analysis have assumed coverage, however actual coverage will be based on outcome of discussions.



**Comments on prioritization  
are requested by February 26, 2010**

