



New England Fishery Management Council

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**MEMORANDUM**

**DATE:** October 27, 2011  
**TO:** Groundfish Oversight Committee  
**FROM:** Groundfish Plan Development Team (PDT)  
**SUBJECT:** **PDT Conference Call, October 12, 2011**

- 1) The PDT held a conference call to address several FW 47 issues. The focus of the call was on determining if ABCs/ACLs should be distributed differently based on catches in FY 2010. The PDT also began preparations to evaluate applying the Mixed Stock Exception to SNE/MAB windowpane flounder.
- 2) Recent additions to FW 47 by the Groundfish Committee cast doubt on whether the framework document can be completed in time for the November Council meeting.
- 3) PDT members participating in the call included Tom Nies, Anne Hawkins, and Deirdre Boelke (NEFMC), Doug Christel, Sarah Heil, Melissa Vasquez, and Dan Caless (NMFS NERO), Chad Demarest and Paul Nitschke (NMFS NEFSC), Sally Roman (SMASST), and Kohl Kanwit (Maine DMR).

**ABCs/ACLs**

4) NERO provided catch accounting for FY 2010, with catches separated into the allocated components as specified in Amendment 16 and other management actions (enclosure 1 – NERO year end summary). NERO also broke down some of the components into additional subdivisions to help in identifying what fisheries were catching groundfish. PDT members asked how estimates some of the additional subdivisions were developed. It was explained that in the Southern New England reporting area, discard estimates were generated by pooling all trawl gear together without regard to mesh size. PDT members were concerned that this might over-estimate discards, particularly if small mesh fisheries were under-represented in the observed trips. This concern led the PDT to question some of the catch estimates attributed to "other" fisheries in the southern area – for example, the estimate of "other" catches of SNE/MAB windowpane flounder. The PDT will attempt to look further into this to determine if there is a bias but for now will use the catches provided by NERO. NERO is also reviewing the discard estimates for the other components of the fishery, and if possible, will re-estimate discards by stratifying trawl gear by mesh size.

5) PDT members reviewed the catches to see if changes to the distribution of the ABCs were warranted. The PDT recognized that this ad hoc approach could be improved with the development of decision rules in the future. As a start to developing the rules, since there is only one year of experience operating under the ACL framework, the PDT agreed to only consider redistributing the catches if a components overage was more than 10 percent. Further work on these decision rules will be developed in the future. While working through the first year of catch information, the PDT also noted some ambiguity in the description of the catch components that the PDT will address in FW 47.

6) Stock-by-stock changes to the distribution of the catch estimates that are included in the proposed ABC/ACL distribution are described below. Only those stocks where a change is proposed are described.

- a) GB cod: FW 44 is ambiguous on how to treat recreational catches. At the time, recreational catches were less than 10 mt, but recent catches have increased. Since the Council has not identified a specific commercial/recreational allocation, FW 47 will make it clear that recreational catches will be assigned to the “other subcomponents” category unless a recreational allocation is made in the future. This is the only change to the distribution of ABCs/ACLs for this stock.
- b) GOM haddock: The PDT noted that 94.6 pct of the state waters allowance was caught, but only 3.6 pct of the “other subcomponents.” The PDT recommends changing the state waters allowance to 2 percent (an increase from 1 percent) and decreasing the other subcomponents to 3 percent (from 4 pct).
- c) GB yellowtail flounder: Only 12 pct of the other subcomponents catch was caught in FY 2010. The PDT recommends reducing the allocation from 5 percent to 4 percent.
- d) CC/GOM yellowtail flounder: The state waters allowance (1 percent) was too small in FY 2010, with catches totaling 368.6 pct. of the amount allowed. The ABC increases significantly in FY 2012. The other subcomponent catch was only 39.4 pct of the amount allocated. In order to more accurately account for state waters catches, the PDT recommends increasing the state waters allowance to 3 pct and decreasing the other subcomponents allocation to 2 percent (from 4 pct).
- e) Witch flounder: Catches were more than twice the state waters allowance (261.2 pct) and the other subcomponents (207.3 pct). The allowance for state waters should be increased to 3 pct. This reduces the allocation to groundfish to 93 pct (from 95 pct).
- f) SNE/MA winter flounder: Catches in state waters were over three times the allowance (341 pct) and the other subcomponents catches were 421.3 pct of the allocation. The distribution of catches for this stock is complicated because the Council may decide to create a scallop fishery sub-ACL. The PDT recommends increasing the state waters allowance to 28 pct (from 8 pct). If there is not a scallop fishery sub-ACL, the other subcomponents portion would be increased to 20 percent (from 5 percent). This reduces the groundfish allocation from 87 pct to 52 pct of the ABC. If there is a scallop fishery sub-ACL that reduces the other subcomponent portion to about ten percent – the exact amount will depend on the allocation to the scallop fishery.

- g) White hake: Because more than 90 pct of the amount allowed to state waters was caught, the PDT recommends increasing the state waters allowance to 2 pct and decreased the other subcomponents allocation to 3 pct.
- h) GOM/GB windowpane flounder: Only a fraction of the state waters allowance was caught, and only 17 percent of the other subcomponents allocation. The commercial groundfish fishery allocation was exceeded, with 139.5 pct caught. The PDT recommends keeping the state waters allowance at 1 pct, and reducing the other subcomponent allocation to 19 pct. This increases the groundfish fishery sub-ACL to 80 pct (from 70 pct).
- i) SNE/MAB windowpane flounder: Catches in state waters were 1,550 pct of the state waters allowance. The other subcomponents catches were 622.2 pct of the allocation. This stock is one where the PDT is concerned about how discard estimates combined all trawl gear. It is also a stock where the Council is considering a sub-ACL for the scallop fishery as well as other components of the fishery. In FY 2010, the scallop fishery catch was nearly 50 pct of the total catch. The groundfish fishery accounted for about 20 pct of the catch in FY 2010. The changes recommended by the PDT are to increase the state waters allowance to 10 pct, increase the other subcomponents to 70 pct (50 pct for the scallop fishery and 20 pct for other fisheries), and reduce the groundfish fishery to 20 pct (from 70 pct). If the scallop fishery has a specific sub-ACL, the other subcomponents would be reduced accordingly.
- j) Ocean pout: The other subcomponents catch was 227.7 pct of the amount allocated. The PDT recommends increasing the allocation for FY 2012 to 9 pct and keeping the state waters catch at 1 pct.

**SNE/MAB Windowpane Flounder – Mixed Stock Exception (MSE)**

7) The Groundfish Committee directed the PDT to develop an alternative that applies the MSE to SNE/MAB windowpane flounder. The PDT considered NSG guidance for application of the MSE. In short, the guidance requires that an analysis must contain a justification in terms of overall benefits, including a comparison of benefits under alternative management measures and an analysis of the risk of any stock or stock complex falling below its MSST (that is, the risk a stock will be overfished). There are three specific criteria:

- a) Such action will result in long-term net benefits to the nation;
- b) It has been demonstrated that a similar level of long-term net benefits cannot be achieved by modifying fleet behavior, gear selection/configuration, or other technical characteristics;
- c) The resulting fishing mortality will not cause any stock or stock complex to fall below its MSST more than 50 percent of the time in the long term.

8) The PDT identified several possible mitigation measures that could be considered to reduce scallop fishery catches of this stock. To the extent possible, these will be analyzed to meet the requirements of the NSGs. Analytic work may be delayed because of competing demands on scallop and groundfish PDT member time; the work will not be completed by the November 2 Committee meeting. The review of these possible measures is not to propose their adoption, but

to meet the requirement that before the MSE can be applied it must be determined if the same benefits can be achieved by other measures.

- a) Possible gear changes: require twine tops to be hung on the square, rather than allow hanging on the diamond; consider an increase in twine top size; specific requirements for how the sweep is hung; other gear changes, such as the turtle deflector dredge (which may be required in the future to reduce turtle interactions)
- b) Possible effort changes: can fishing effort be moved out of areas, either ear round or during certain times, to reduce catches? Could the effort expended in certain areas be limited?
- c) Groundfish fishery restrictions: if groundfish fishing activity is restricted, would there be enough SNE/MAB windowpane flounder available to account for scallop fishery catches?

9) Because this stock is assessed using a simple index based method with an underlying methodology that assumes a linear model of population growth, the PDT is not certain that a determination can be made that the stock will not be overfished more than 50 percent of the time. The index assessment projection model will show the stock continuously declines if fished above the FMSY proxy, so the projection shows the stock eventually will be overfished. Whether this is 50 percent of the time or not depends on the length of the projection. This overly simple linear population growth projection is not a realistic representation of the true population dynamics that are expected over a longer time period. NERO PDT members agreed to discuss the NSG requirement with NOAA GC to see how it will be interpreted in this instance.

#### **Additional Sub-ACLs For SNE/MA Windowpane Flounder and SNE/MA Winter Flounder**

10) The PDT was asked to recommend sub-ACLs for SNE/MA windowpane flounder for the scallop fishery and for the fisheries that led to exceeding the “other subcomponents” allocation. Information is not yet available that identifies the fisheries that led to exceeding the “other subcomponents” allocation. The PDT recently learned there may be errors in the reporting of observed trips that may lead to a revision of the scallop fishery catch of this stock in FY 2010.

11) With respect to the scallop fishery, the PDT reviewed catches over various time periods. The scallop fishery modified twine tops in order to reduce flounder catches over the period 1999 – 2004. The first change was to increase twine tops to eight inches in 1999, by 2001 the ten-inch twine top was required in all access areas, and in 2004 the ten-inch twine top was required for all areas. The PDT recommends using the period 2001 – 2010 as the basis for the scallop fishery SNE/MA windowpane flounder sub-ACL. This stock is of limited value to the groundfish fishery; much of the catch has been discarded in the past and landing is currently prohibited. If the scallop sub-ACL is caught, it will lead to AMs that will reduce scallop revenues. For this reason, the PDT recommends a sub-ACL that is unlikely to be exceeded if recent catches are an indicator of future catches. The PDT recommends setting the sub-ACL for this stock at the 90th percentile of recent catches. In terms of percent, this would allocate 39 of the ABC percent (or, if rounded up, 40 percent) to the scallop fishery, which would be reduced slightly due to management uncertainty when the ABC is converted to an ACL. Based on the proposed 2012 ABC, the scallop fishery would be allocated 154 mt at 40 percent of the ABC; the sub-ACL would be 95 pct of that value, or 147 mt. This is less than FY 2010 catches and may not be sufficient to prevent implementation of AMs.

**Table 1 Scallop fishery (scallop dredge and scallop trawl) discards of SNE/MA windowpane flounder from 1999 to 2010**

|                    | SCALLOP_PCT | SCALL_DR_TRWL |
|--------------------|-------------|---------------|
| N of Cases         | 12          | 12            |
| Minimum            | 0.0378      | 7.0000        |
| Maximum            | 0.4539      | 256.0000      |
| Median             | 0.1586      | 66.5000       |
| Arithmetic Mean    | 0.1854      | 77.7500       |
| Standard Deviation | 0.1112      | 64.3402       |
| Method = CLEVELAND |             |               |
| 50.000%            | 0.1586      | 66.5000       |
| 60.000%            | 0.1665      | 69.8000       |
| 70.000%            | 0.1799      | 71.9000       |
| 75.000%            | 0.2084      | 87.5000       |
| 80.000%            | 0.2452      | 105.1000      |
| 90.000%            | 0.3670      | 163.6000      |
| 95.000%            | 0.4415      | 242.8000      |
| 99.000%            | 0.4539      | 256.0000      |

**Table 2 Scallop fishery (scallop dredge and scallop trawl) discards of SNE/MA windowpane flounder from 2001 to 2010**

|                    | SCALLOP_PCT | SCALL_DR_TRWL |
|--------------------|-------------|---------------|
| N of Cases         | 10          | 10            |
| Minimum            | 0.0378      | 7.0000        |
| Maximum            | 0.4539      | 256.0000      |
| Median             | 0.1586      | 66.5000       |
| Arithmetic Mean    | 0.1890      | 78.3000       |
| Standard Deviation | 0.1182      | 67.2608       |
| Method = CLEVELAND |             |               |
| 50.000%            | 0.1586      | 66.5000       |
| 60.000%            | 0.1644      | 69.0000       |
| 70.000%            | 0.1754      | 71.5000       |
| 75.000%            | 0.1810      | 72.0000       |
| 80.000%            | 0.2554      | 87.5000       |
| 90.000%            | 0.3919      | 179.5000      |
| 95.000%            | 0.4539      | 256.0000      |
| 99.000%            | 0.4539      | 256.0000      |

12) A similar analysis was performed for SNE/MA winter flounder. In this case, scallop dredge discards were used because the assessment did not identify scallop trawl discards. Using the same 2001 – 2010 time period, the 90th percentile of discards would result in an allocation of 12 percent to the scallop fishery. Note that this percentage is based on the amount available to the commercial fishery. If based on the total catch, it would be 11 percent. This estimate is based solely on scallop dredge discards and it may be appropriate to increase it slightly to account for scallop trawl discards that are not identified in the assessment.

**Table 3 Scallop fishery (scallop dredge only) discards of SNE/MA winter flounder from 2001 to 2010**

|                              | DREDGE_DISCARDS | SCALLOP_PCT_COMM | SCALLOP_PCT_TOTAL |
|------------------------------|-----------------|------------------|-------------------|
| N of Cases                   | 10              | 10               | 10                |
| Minimum                      | 9.0000          | 0.0020           | 0.0017            |
| Maximum                      | 101.0000        | 0.1713           | 0.1543            |
| Median                       | 40.5000         | 0.0286           | 0.0263            |
| Arithmetic Mean              | 43.6000         | 0.0426           | 0.0381            |
| 95.0% LCL of Arithmetic Mean | 25.4739         | 0.0075           | 0.0067            |
| 95.0% UCL of Arithmetic Mean | 61.7261         | 0.0778           | 0.0695            |
| Standard Deviation           | 25.3386         | 0.0491           | 0.0439            |
| Coefficient of Variation     | 0.5812          | 1.1524           | 1.1516            |
| Method = CLEVELAND           |                 |                  |                   |
| 50.000%                      | 40.5000         | 0.0286           | 0.0263            |
| 60.000%                      | 47.0000         | 0.0350           | 0.0313            |
| 70.000%                      | 52.0000         | 0.0416           | 0.0379            |
| 75.000%                      | 52.0000         | 0.0426           | 0.0401            |
| 80.000%                      | 54.0000         | 0.0557           | 0.0483            |
| 90.000%                      | 78.5000         | 0.1201           | 0.1054            |
| 95.000%                      | 101.0000        | 0.1713           | 0.1543            |
| 99.000%                      | 101.0000        | 0.1713           | 0.1543            |

## **Northeast Multispecies Fishery**

### **Final Year-End Results for Fishing Year 2010**

- Tables 1 through 5: Year-end total groundfish caught, landed, and discard estimates including breakdown detail
- Tables 25 through 28: U.S./Canada total groundfish caught including breakdown detail

**Table 1: FY 2010 End of Year Accounting of NE Multispecies Catch (mt)**

| Stock                      | NE Multispecies Catch by Fishery Component |                       |         |        |             |         |                           |                 |                 |                            |                    |
|----------------------------|--|-----------------------|---------|--------|-------------|---------|---------------------------|-----------------|-----------------|----------------------------|--------------------|
|                            | Total Groundfish                           | Commercial Groundfish |         | Sector | Common Pool |         | Recreational <sup>1</sup> | Herring Fishery | Scallop Fishery | State Water <sup>2,3</sup> | Other <sup>3</sup> |
|                            |  | A to C                | A+B+C   |        | A           | B       |                           |                 |                 |                            |                    |
| GB cod                     | 3,023.2                                    | 2,829.7               | 2,745.8 |        | 84.0        |         |                           |                 |                 | 27.7                       | 165.7              |
| GOM cod                    | 5,738.7                                    | 5,497.1               | 3,617.1 |        | 226.0       | 1,654.0 |                           |                 |                 | 190.3                      | 51.3               |
| GB Haddock                 | 8,531.2                                    | 8,340.2               | 8,248.0 |        | 92.2        |         | 69.2                      |                 |                 | 1.6                        | 120.3              |
| GOM Haddock                | 784.3                                      | 774.0                 | 370.5   |        | 7.1         | 396.3   | 0.5                       |                 |                 | 8.5                        | 1.3                |
| GB Yellowtail Flounder     | 781.6                                      | 757.6                 | 739.0   |        | 18.6        |         |                           | 17.6            |                 | 0.0                        | 6.4                |
| SNE Yellowtail Flounder    | 318.8                                      | 171.9                 | 152.5   |        | 19.4        |         |                           | 113.0           |                 | 6.7                        | 27.2               |
| CC/GOM Yellowtail Flounder | 643.6                                      | 596.7                 | 559.8   |        | 36.9        |         |                           |                 |                 | 33.2                       | 13.8               |
| Plaice                     | 1,583.8                                    | 1,536.4               | 1,503.7 |        | 32.8        |         |                           |                 |                 | 25.1                       | 22.3               |
| Witch Flounder             | 827.6                                      | 725.3                 | 695.4   |        | 30.0        |         |                           |                 |                 | 23.5                       | 78.8               |
| GB Winter Flounder         | 1,438.3                                    | 1,391.2               | 1,382.4 |        | 8.8         |         |                           |                 |                 | 0.0                        | 47.1               |
| GOM Winter Flounder        | 176.1                                      | 106.1                 | 80.7    |        | 25.4        |         |                           |                 |                 | 64.2                       | 5.8                |
| SNE Winter Flounder        | 363.2                                      | 47.4                  | 42.3    |        | 5.1         |         |                           |                 |                 | 181.0                      | 134.8              |
| Redfish                    | 2,167.0                                    | 2,151.2               | 2,143.3 |        | 7.9         |         |                           |                 |                 | 10.5                       | 5.3                |
| White Hake                 | 2,344.3                                    | 2,259.8               | 2,215.6 |        | 44.2        |         |                           |                 |                 | 25.3                       | 59.2               |
| Pollock                    | 7,537.8                                    | 5,601.1               | 5,449.8 |        | 151.2       |         |                           |                 |                 | 1,059.8                    | 877.0              |
| Northern Windowpane        | 162.1                                      | 153.5                 | 151.7   |        | 1.8         |         |                           |                 |                 | 0.0                        | 8.5                |
| Southern Windowpane        | 534.0                                      | 73.6                  | 52.7    |        | 20.9        |         |                           |                 |                 | 31.0                       | 429.3              |
| Ocean Pout                 | 90.3                                       | 65.2                  | 56.5    |        | 8.7         |         |                           |                 |                 | 0.0                        | 25.0               |
| Halibut                    | 36.0                                       | 27.8                  | 25.6    |        | 2.2         |         |                           |                 |                 | 6.6                        | 1.6                |
| Wolffish                   | 22.5                                       | 22.4                  | 18.9    |        | 3.5         |         |                           |                 |                 | 0.0                        | 0.1                |

<sup>1</sup>Discard estimate not available

<sup>2</sup>Recreational discard estimate only; commercial discard estimate not available

<sup>3</sup>See Table 1A for additional detail

Values in live weight

Includes estimate of missing dealer reports

Source: NMFS Northeast Regional Office

Run Date: September 15, 2011

These data are the best available to NOAA's National Marine Fisheries Service (NMFS). Data sources for this report include: (1) Vessels via VMS; (2) Vessels via vessel logbook reports; (3) Dealers via Dealer Electronic reporting. Differences with previous reports are due to corrections made to the database.

Any value for a non-allocated species may be due to landings of that stock; misreporting of species and/or stock area; and/or estimated landings (in lieu of missing reports) based on vessel histories. These include SNE winter flounder, northern windowpane, southern windowpane, ocean pout, halibut, and wolffish.



Table 1A: FY 2010 End of Year Accounting Detail of NE Multispecies Catch (mt)

| Stock                      | Total Groundfish<br>A to G | NE Multispecies Catch by Fishery Component |         |        |             |      |                           |                 |                 |                                     |                          |       |
|----------------------------|----------------------------|--|---------|--------|-------------|------|---------------------------|-----------------|-----------------|-------------------------------------|--------------------------|-------|
|                            |                            | Commercial Groundfish                      |         | Sector | Common Pool |      | Recreational <sup>1</sup> | Herring Fishery | Scallop Fishery | State Water Commercial <sup>1</sup> | State Water Recreational | Other |
|                            |                            | A+B+C                                      | A       | B      | C           | D    | E                         | F               | G               |                                     |                          |       |
| GB cod                     | 3,023.2                    | 2,980.7                                    | 2,745.8 | 84.0   | 151.0       |      |                           | 8.1             | 27.7            |                                     | 6.7                      |       |
| GOM cod                    | 5,738.7                    | 5,497.1                                    | 3,617.1 | 226.0  | 1,654.0     |      |                           | 0.0             | 190.3           |                                     | 51.3                     |       |
| GB Haddock                 | 8,531.2                    | 8,340.2                                    | 8,248.0 | 92.2   |             | 69.2 |                           | 2.6             | 1.6             |                                     | 117.7                    |       |
| GOM Haddock                | 784.3                      | 774.0                                      | 370.5   | 7.1    | 396.3       | 0.5  |                           | 0.0             | 8.5             |                                     | 1.3                      |       |
| GB Yellowtail Flounder     | 781.6                      | 757.6                                      | 739.0   | 18.6   |             |      |                           | 17.6            | 0.0             |                                     | 6.4                      |       |
| SNE Yellowtail Flounder    | 318.8                      | 171.9                                      | 152.5   | 19.4   |             |      |                           | 113.0           | 6.7             |                                     | 27.2                     |       |
| CC/GOM Yellowtail Flounder | 643.6                      | 596.7                                      | 559.8   | 36.9   |             |      |                           | 7.4             | 33.2            |                                     | 6.4                      |       |
| Plaice                     | 1,583.8                    | 1,536.4                                    | 1,503.7 | 32.8   |             |      |                           | 1.1             | 25.1            |                                     | 21.2                     |       |
| Witch Flounder             | 827.6                      | 725.3                                      | 695.4   | 30.0   |             |      |                           | 15.7            | 23.5            |                                     | 63.1                     |       |
| GB Winter Flounder         | 1,438.3                    | 1,391.2                                    | 1,382.4 | 8.8    |             |      |                           | 29.2            | 0.0             |                                     | 17.9                     |       |
| GOM Winter Flounder        | 176.1                      | 106.1                                      | 80.7    | 25.4   |             |      |                           | 1.7             | 20.1            | 44.1                                | 4.0                      |       |
| SNE Winter Flounder        | 363.2                      | 47.4                                       | 42.3    | 5.1    |             |      |                           | 72.6            | 48.4            | 132.6                               | 62.2                     |       |
| Redfish                    | 2,167.0                    | 2,151.2                                    | 2,143.3 | 7.9    |             |      |                           | 0.0             | 10.5            |                                     | 5.3                      |       |
| White Hake                 | 2,344.3                    | 2,259.8                                    | 2,215.6 | 44.2   |             |      |                           | 7.7             | 25.3            |                                     | 51.5                     |       |
| Pollock                    | 7,537.8                    | 6,463.4                                    | 5,449.8 | 151.2  | 862.3       |      |                           | 0.0             | 455.5           | 604.3                               | 14.6                     |       |
| Northern Windowpane        | 162.1                      | 153.5                                      | 151.7   | 1.8    |             |      |                           | 8.2             | 0.0             |                                     | 0.4                      |       |
| Southern Windowpane        | 534.0                      | 73.6                                       | 52.7    | 20.9   |             |      |                           | 258.5           | 31.0            |                                     | 170.8                    |       |
| Ocean Pout                 | 90.3                       | 65.2                                       | 56.5    | 8.7    |             |      |                           | 10.0            | 0.0             |                                     | 15.0                     |       |
| Halibut                    | 36.0                       | 27.8                                       | 25.6    | 2.2    |             |      |                           | 0.1             | 6.6             |                                     | 1.5                      |       |
| Wolffish                   | 22.5                       | 22.4                                       | 18.9    | 3.5    |             |      |                           | 0.0             | 0.0             |                                     | 0.1                      |       |

<sup>1</sup>Discard estimates not available

Values in live weight

Includes estimate of missing dealer reports

Source: NMFS Northeast Regional Office

Run Date: September 15, 2011

Any value for a non-allocated species may be due to landings of that stock; misreporting of species and/or stock area; and/or estimated landings (in lieu of missing reports) based on vessel histories. These include SNE winter flounder, northern windowpane, southern windowpane, ocean pout, halibut, and wolffish.

These data are the best available to NOAA's National Marine Fisheries Service (NMFS). Data sources for this report include: (1) Vessels via VMS; (2) Vessels via vessel logbook reports; (3) Dealers via Dealer Electronic reporting. Differences with previous reports are due to corrections made to the database.

Table 2: FY 2010 End of Year Accounting of NE Multispecies Landings (mt)

| Stock                      | Total Groundfish | NE Multispecies Landings by Fishery Component |         |        |             |   |              |                 |                 |                          |                    |
|----------------------------|------------------|---|---------|--------|-------------|---|--------------|-----------------|-----------------|--------------------------|--------------------|
|                            |                  | Commercial Groundfish                         |         | Sector | Common Pool |   | Recreational | Herring Fishery | Scallop Fishery | State Water <sup>1</sup> | Other <sup>1</sup> |
|                            |                  | A+B+C   | A       |        | B           | C |              |                 |                 |                          |                    |
| GB cod                     | 2,881.3          | 2,693.2                                       | 2,627.7 |        | 65.5        |   |              |                 |                 | 27.7                     | 160.3              |
| GOM cod                    | 5,625.2          | 5,386.4                                       | 3,537.1 |        | 1,952.0     |   |              |                 |                 | 190.3                    | 48.5               |
| GB Haddock                 | 8,411.3          | 8,299.2                                       | 8,207.4 |        | 91.8        |   | 69.2         |                 |                 | 1.6                      | 41.3               |
| GOM Haddock                | 781.0            | 771.1   | 367.8   |        | 6.9         |   | 0.5          |                 |                 | 8.5                      | 0.9                |
| GB Yellowtail Flounder     | 681.6            | 680.1   | 672.3   |        | 7.8         |   |              | 0.2             |                 | 0.0                      | 1.2                |
| SNE Yellowtail Flounder    | 174.3            | 162.5   | 147.8   |        | 14.7        |   |              | 2.7             |                 | 6.7                      | 2.4                |
| CC/GOM Yellowtail Flounder | 552.9            | 518.3   | 500.1   |        | 18.2        |   |              |                 |                 | 33.2                     | 1.4                |
| Plaice                     | 1,383.5          | 1,354.2                                       | 1,331.9 |        | 22.3        |   |              |                 |                 | 25.1                     | 4.3                |
| Witch Flounder             | 689.6            | 664.1   | 638.2   |        | 26.0        |   |              |                 |                 | 23.5                     | 2.0                |
| GB Winter Flounder         | 1,371.3          | 1,370.5                                       | 1,364.6 |        | 5.9         |   |              |                 |                 | 0.0                      | 0.9                |
| GOM Winter Flounder        | 163.5            | 101.3   | 79.1    |        | 22.2        |   |              |                 |                 | 61.9                     | 0.3                |
| SNE Winter Flounder        | 159.5            | 10.6  | 7.9     |        | 2.6         |   |              |                 |                 | 144.2                    | 4.8                |
| Redfish                    | 2,009.4          | 1,998.2                                       | 1,991.6 |        | 6.6         |   |              |                 |                 | 10.5                     | 0.7                |
| White Hake                 | 2,296.6          | 2,223.9                                       | 2,184.1 |        | 39.8        |   |              |                 |                 | 25.3                     | 47.4               |
| Pollock                    | 7,449.8          | 5,515.5                                       | 5,371.5 |        | 143.9       |   |              |                 |                 | 1,059.8                  | 874.6              |
| Northern Windowpane        | 0.4              | 0.3   | 0.3     |        | 0.0         |   |              |                 |                 | 0.0                      | 0.1                |
| Southern Windowpane        | 46.3             | 7.6   | 0.1     |        | 7.5         |   |              |                 |                 | 31.0                     | 7.7                |
| Ocean Pout                 | 1.1              | 0.5   | 0.1     |        | 0.5         |   |              |                 |                 | 0.0                      | 0.5                |
| Halibut                    | 14.7             | 8.0   | 6.1     |        | 1.9         |   |              |                 |                 | 6.6                      | 0.2                |
| Wolffish                   | 0.3              | 0.2   | 0.2     |        | 0.0         |   |              |                 |                 | 0.0                      | 0.0                |

<sup>1</sup> See Table 2A for additional detail

Values in live weight

Includes estimate of missing dealer reports

Source: NMFS Northeast Regional Office

Run Date: September 15, 2011

Any value for a non-allocated species may be due to landings of that stock; misreporting of species and/or stock area; and/or estimated landings (in lieu of missing reports) based on vessel histories. These include SNE winter flounder, northern windowpane, southern windowpane, ocean pout, halibut, and wolffish.

These data are the best available to NOAA's National Marine Fisheries Service (NMFS). Data sources for this report include: (1) Vessels via VMS; (2) Vessels via vessel logbook reports; (3) Dealers via Dealer Electronic reporting. Differences with previous reports are due to corrections made to the database.

Table 2A: FY 2010 End of Year Accounting Detail of NE Multispecies Landings (mt)

| Stock                      | Total Groundfish | NE Multispecies Landings by Fishery Component |         |        |             |      |              |                 |                 |                        |                          |       |
|----------------------------|------------------|---|---------|--------|-------------|------|--------------|-----------------|-----------------|------------------------|--------------------------|-------|
|                            |                  | Commercial Groundfish                         |         | Sector | Common Pool |      | Recreational | Herring Fishery | Scallop Fishery | State Water Commercial | State Water Recreational | Other |
|                            |                  | A+B+C   | A       |        | B           | C    |              |                 |                 |                        |                          |       |
| GB cod                     | 2,881.3          | 2,844.2                                       | 2,627.7 | 65.5   | 151.0       | 4.7  | 27.7         | 4.6             |                 |                        |                          |       |
| GOM cod                    | 5,625.2          | 5,386.4                                       | 3,537.1 | 195.2  | 1,654.0     | 0.0  | 190.3        | 48.5            |                 |                        |                          |       |
| GB Haddock                 | 8,411.3          | 8,299.2                                       | 8,207.4 | 91.8   |             | 69.2 | 1.6          | 41.2            |                 |                        |                          |       |
| GOM Haddock                | 781.0            | 771.1   | 367.8   | 6.9    | 396.3       | 0.5  | 8.5          | 0.9             |                 |                        |                          |       |
| GB Yellowtail Flounder     | 681.6            | 680.1   | 672.3   | 7.8    |             | 0.2  | 0.0          | 1.2             |                 |                        |                          |       |
| SNE Yellowtail Flounder    | 174.3            | 162.5   | 147.8   | 14.7   |             | 2.7  | 6.7          | 2.4             |                 |                        |                          |       |
| CC/GOM Yellowtail Flounder | 552.9            | 518.3   | 500.1   | 18.2   |             | 0.1  | 33.2         | 1.2             |                 |                        |                          |       |
| Plaice                     | 1,383.5          | 1,354.2                                       | 1,331.9 | 22.3   |             | 0.0  | 25.1         | 4.3             |                 |                        |                          |       |
| Witch Flounder             | 689.6            | 664.1   | 638.2   | 26.0   |             | 0.0  | 23.5         | 2.0             |                 |                        |                          |       |
| GB Winter Flounder         | 1,371.3          | 1,370.5                                       | 1,364.6 | 5.9    |             | 0.2  | 0.0          | 0.7             |                 |                        |                          |       |
| GOM Winter Flounder        | 163.5            | 101.3   | 79.1    | 22.2   |             | 0.0  | 20.1         | 0.3             |                 |                        |                          |       |
| SNE Winter Flounder        | 159.5            | 10.6  | 7.9     | 2.6    |             | 2.0  | 48.4         | 2.9             |                 |                        |                          |       |
| Redfish                    | 2,009.4          | 1,998.2                                       | 1,991.6 | 6.6    |             | 0.0  | 10.5         | 0.7             |                 |                        |                          |       |
| White Hake                 | 2,296.6          | 2,223.9                                       | 2,184.1 | 39.8   |             | 0.0  | 25.3         | 47.4            |                 |                        |                          |       |
| Pollock                    | 7,449.8          | 6,377.8                                       | 5,371.5 | 143.9  | 862.3       | 0.0  | 455.5        | 12.2            |                 |                        |                          |       |
| Northern Windowpane        | 0.4              | 0.3   | 0.3     | 0.0    |             | 0.1  | 0.0          | 0.0             |                 |                        |                          |       |
| Southern Windowpane        | 46.3             | 7.6   | 0.1     | 7.5    |             | 0.5  | 31.0         | 7.2             |                 |                        |                          |       |
| Ocean Pout                 | 1.1              | 0.5   | 0.1     | 0.5    |             | 0.0  | 0.0          | 0.5             |                 |                        |                          |       |
| Halibut                    | 14.7             | 8.0   | 6.1     | 1.9    |             | 0.0  | 6.6          | 0.2             |                 |                        |                          |       |
| Wolffish                   | 0.3              | 0.2   | 0.2     | 0.0    |             | 0.0  | 0.0          | 0.0             |                 |                        |                          |       |

Values in live weight  
 Includes estimate of missing dealer reports  
 Source: NMFS Northeast Regional Office  
 Run Date: September 15, 2011

Any value for a non-allocated species may be due to landings of that stock; misreporting of species and/or stock area; and/or estimated landings (in lieu of missing reports) based on vessel histories. These include SNE winter flounder, northern windowpane, southern windowpane, ocean pout, halibut, and wolffish.

These data are the best available to NOAA's National Marine Fisheries Service (NMFS). Data sources for this report include: (1) Vessels via VMS; (2) Vessels via vessel logbook reports; (3) Dealers via Dealer Electronic reporting. Differences with previous reports are due to corrections made to the database.

Table 3: FY 2010 End of Year Accounting of NE Multispecies Discards (mt)

| Stock                      | Total Groundfish<br>A to G | NE Multispecies Discards by Fishery Component |             |                  |                   |                      |                      |                                 |                         |  |  |
|----------------------------|----------------------------|---|-------------|------------------|-------------------|----------------------|----------------------|---------------------------------|-------------------------|--|--|
|                            |                            | Commercial Groundfish<br>A+B+C                | Sector<br>A | Common Pool<br>B | Recreational<br>C | Herring Fishery<br>D | Scallop Fishery<br>E | State Water <sup>1,2</sup><br>F | Other <sup>2</sup><br>G |  |  |
| GB cod                     | 141.9                      | 136.5   | 118.0       | 18.5             |                   |                      |                      | 0.0                             | 5.4                     |  |  |
| GOM cod                    | 113.5                      | 110.7   | 79.9        | 30.8             | NA                |                      |                      | 0.0                             | 2.8                     |  |  |
| GB Haddock                 | 119.9                      | 41.0  | 40.6        | 0.5              | 0.0               |                      |                      | 0.0                             | 78.9                    |  |  |
| GOM Haddock                | 3.3                        | 2.9   | 2.7         | 0.2              | NA                |                      |                      | 0.0                             | 0.4                     |  |  |
| GB Yellowtail Flounder     | 100.1                      | 77.5  | 66.7        | 10.8             |                   | 17.4                 |                      | 0.0                             | 5.2                     |  |  |
| SNE Yellowtail Flounder    | 144.5                      | 9.4   | 4.6         | 4.7              |                   | 110.3                |                      | 0.0                             | 24.8                    |  |  |
| CC/GOM Yellowtail Flounder | 90.8                       | 78.4  | 59.7        | 18.7             |                   |                      |                      | 0.0                             | 12.4                    |  |  |
| Plaice                     | 200.3                      | 182.3   | 171.8       | 10.5             |                   |                      |                      | 0.0                             | 18.0                    |  |  |
| Witch Flounder             | 138.0                      | 61.2  | 57.2        | 4.0              |                   |                      |                      | 0.0                             | 76.8                    |  |  |
| GB Winter Flounder         | 67.0                       | 20.8  | 17.9        | 2.9              |                   |                      |                      | 0.0                             | 46.2                    |  |  |
| GOM Winter Flounder        | 12.6                       | 4.8   | 1.6         | 3.2              |                   |                      |                      | 2.3                             | 5.5                     |  |  |
| SNE Winter Flounder        | 203.6                      | 36.8  | 34.3        | 2.5              |                   |                      |                      | 36.8                            | 130.0                   |  |  |
| Redfish                    | 157.6                      | 153.0   | 151.8       | 1.3              |                   |                      |                      | 0.0                             | 4.6                     |  |  |
| White Hake                 | 47.7                       | 35.9  | 31.5        | 4.4              |                   |                      |                      | 0.0                             | 11.8                    |  |  |
| Pollock                    | 88.0                       | 85.6  | 78.3        | 7.3              |                   |                      |                      | 0.0                             | 2.4                     |  |  |
| Northern Windowpane        | 161.7                      | 153.2   | 151.4       | 1.8              |                   |                      |                      | 0.0                             | 8.5                     |  |  |
| Southern Windowpane        | 487.7                      | 66.0  | 52.6        | 13.4             |                   |                      |                      | 0.0                             | 421.7                   |  |  |
| Ocean Pout                 | 89.2                       | 64.7  | 56.4        | 8.3              |                   |                      |                      | 0.0                             | 24.5                    |  |  |
| Halibut                    | 21.3                       | 19.9  | 19.5        | 0.4              |                   |                      |                      | 0.0                             | 1.4                     |  |  |
| Wolffish                   | 22.2                       | 22.1  | 18.7        | 3.5              |                   |                      |                      | 0.0                             | 0.1                     |  |  |

Any value for a non-allocated species may be due to landings of that stock; misreporting of species and/or stock area; and/or estimated landings (in lieu of missing reports) based on vessel histories. These include SNE winter flounder, northern windowpane, southern windowpane, ocean pout, halibut, and wolffish.

<sup>1</sup>Recreational estimate only; commercial discard estimate not available

<sup>2</sup>See Table 3A for additional detail

Values in live weight

Includes estimate of missing dealer reports

Source: NMFS Northeast Regional Office

Run Date: September 15, 2011

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Table 3A: FY 2010 End of Year Accounting Detail of NE Multispecies Discards (mt)

| Stock                      | Total Groundfish | NE Multispecies Discards by Fishery Component |        |             |     |                           |                 |                |                                     |                          |       |  |
|----------------------------|------------------|---|--------|-------------|-----|---------------------------|-----------------|----------------|-------------------------------------|--------------------------|-------|--|
|                            |                  | Commercial Groundfish                         | Sector | Common Pool |     | Recreational <sup>1</sup> | Herring Fishery | Scaulp Fishery | State Water Commercial <sup>1</sup> | State Water Recreational | Other |  |
|                            | A+B+C            | A   | B      | C           | D   | E                         | F1              | F2             | G                                   |                          |       |  |
| GB cod                     | 141.9            | 136.5   | 118.0  | 18.5        |     |                           | NA              |                |                                     | 2.1                      |       |  |
| GOM cod                    | 113.5            | 110.7   | 79.9   | 30.8        | NA  |                           | NA              |                |                                     | 2.8                      |       |  |
| GB Haddock                 | 119.9            | 41.0  | 40.6   | 0.5         | 0.0 | 2.5                       | NA              |                |                                     | 76.4                     |       |  |
| GOM Haddock                | 3.3              | 2.9   | 2.7    | 0.2         | NA  | 0.0                       | NA              |                |                                     | 0.4                      |       |  |
| GB Yellowtail Flounder     | 100.1            | 77.5  | 66.7   | 10.8        |     | 17.4                      | NA              |                |                                     | 5.2                      |       |  |
| SNE Yellowtail Flounder    | 144.5            | 9.4   | 4.6    | 4.7         |     | 110.3                     | NA              |                |                                     | 24.8                     |       |  |
| CC/GOM Yellowtail Flounder | 90.8             | 78.4  | 59.7   | 18.7        |     | 7.2                       | NA              |                |                                     | 5.2                      |       |  |
| Plaice                     | 200.3            | 182.3   | 171.8  | 10.5        |     | 1.1                       | NA              |                |                                     | 16.9                     |       |  |
| Witch Flounder             | 138.0            | 61.2  | 57.2   | 4.0         |     | 15.6                      | NA              |                |                                     | 61.1                     |       |  |
| GB Winter Flounder         | 67.0             | 20.8  | 17.9   | 2.9         |     | 29.0                      | NA              |                |                                     | 17.2                     |       |  |
| GOM Winter Flounder        | 12.6             | 4.8   | 1.6    | 3.2         |     | 1.7                       | NA              | 2.3            |                                     | 3.7                      |       |  |
| SNE Winter Flounder        | 203.6            | 36.8  | 34.3   | 2.5         |     | 70.7                      | NA              | 36.8           |                                     | 59.3                     |       |  |
| Redfish                    | 157.6            | 153.0   | 151.8  | 1.3         |     | 0.0                       | NA              |                |                                     | 4.6                      |       |  |
| White Hake                 | 47.7             | 35.9  | 31.5   | 4.4         |     | 7.7                       | NA              |                |                                     | 4.1                      |       |  |
| Pollock                    | 88.0             | 85.6  | 78.3   | 7.3         |     | 0.0                       | NA              |                |                                     | 2.4                      |       |  |
| Northern Windowpane        | 161.7            | 153.2   | 151.4  | 1.8         |     | 8.1                       | NA              |                |                                     | 0.4                      |       |  |
| Southern Windowpane        | 487.7            | 66.0  | 52.6   | 13.4        |     | 258.0                     | NA              |                |                                     | 163.7                    |       |  |
| Ocean Pout                 | 89.2             | 64.7  | 56.4   | 8.3         |     | 10.0                      | NA              |                |                                     | 14.5                     |       |  |
| Halibut                    | 21.3             | 19.9  | 19.5   | 0.4         |     | 0.1                       | NA              |                |                                     | 1.4                      |       |  |
| Wolffish                   | 22.2             | 22.1  | 18.7   | 3.5         |     | 0.0                       | NA              |                |                                     | 0.1                      |       |  |

<sup>1</sup> Discard estimate not available

Values in live weight

Includes estimate of missing dealer reports

Source: NMFS Northeast Regional Office

Run Date: September 15, 2011

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Table 4: FY 2010 End of Year Accounting of NE Multispecies Catch TACs (mt)

| Stock                      | ACLs and sub-ACLs; (with accountability measures (AMs)) |                               |                |                     |                      |                         |                         |             |       |   | sub-components: No AMs |   |   |   |   |   |
|----------------------------|---|-------------------------------|----------------|---------------------|----------------------|-------------------------|-------------------------|-------------|-------|---|------------------------|---|---|---|---|---|
|                            | Total Groundfish ACL                                    | Commercial Groundfish Sub-ACL | Sector Sub-ACL | Common Pool Sub-ACL | Recreational Sub-ACL | Herring Fishery Sub-ACL | Scallop Fishery Sub-ACL | State Water | Other | A | B                      | C | D | E | F | G |
|                            | A to G  | A+B+C                         | A              | B                   | C                    | D                       | E                       | F           | G     |   |                        |   |   |   |   |   |
| GB cod                     | 3,620   | 3,430                         | 3,302          | 128                 |                      |                         |                         | 38          | 152   |   |                        |   |   |   |   |   |
| GOM cod                    | 8,088   | 7,240                         | 4,327          | 240                 | 2,673                |                         |                         | 566         | 283   |   |                        |   |   |   |   |   |
| GB Haddock                 | 42,768  | 40,440                        | 40,186         | 254                 |                      | 84                      |                         | 449         | 1,796 |   |                        |   |   |   |   |   |
| GOM Haddock                | 1,197   | 1,149                         | 799            | 26                  | 324                  | 2                       |                         | 9           | 37    |   |                        |   |   |   |   |   |
| GB Yellowtail Flounder     | 1,021   | 823                           | 803            | 20                  |                      |                         | 146                     | 0           | 52    |   |                        |   |   |   |   |   |
| SNE Yellowtail Flounder    | 470   | 310                           | 235            | 75                  |                      |                         | 135                     | 5           | 20    |   |                        |   |   |   |   |   |
| CC/GOM Yellowtail Flounder | 822   | 779                           | 729            | 50                  |                      |                         |                         | 9           | 35    |   |                        |   |   |   |   |   |
| Plaice                     | 3,006   | 2,848                         | 2,748          | 100                 |                      |                         |                         | 32          | 126   |   |                        |   |   |   |   |   |
| Witch Flounder             | 899   | 852                           | 827            | 25                  |                      |                         |                         | 9           | 38    |   |                        |   |   |   |   |   |
| GB Winter Flounder         | 1,955   | 1,852                         | 1,823          | 29                  |                      |                         |                         | 0           | 103   |   |                        |   |   |   |   |   |
| GOM Winter Flounder        | 231   | 158                           | 133            | 25                  |                      |                         |                         | 60          | 12    |   |                        |   |   |   |   |   |
| SNE Winter Flounder        | 605   | 520                           | NA             | NA                  |                      |                         |                         | 53          | 32    |   |                        |   |   |   |   |   |
| Redfish                    | 7,226   | 6,846                         | 6,756          | 90                  |                      |                         |                         | 76          | 303   |   |                        |   |   |   |   |   |
| White Hake                 | 2,697   | 2,556                         | 2,505          | 51                  |                      |                         |                         | 28          | 113   |   |                        |   |   |   |   |   |
| Pollock                    | 18,929  | 16,553                        | 16,178         | 375                 |                      |                         |                         | 1,188       | 1,188 |   |                        |   |   |   |   |   |
| Northern Windowpane        | 161   | 110                           | NA             | NA                  |                      |                         |                         | 2           | 49    |   |                        |   |   |   |   |   |
| Southern Windowpane        | 225   | 154                           | NA             | NA                  |                      |                         |                         | 2           | 69    |   |                        |   |   |   |   |   |
| Ocean Pout                 | 253   | 239                           | NA             | NA                  |                      |                         |                         | 3           | 11    |   |                        |   |   |   |   |   |
| Halibut                    | 69  | 30                            | NA             | NA                  |                      |                         |                         | 36          | 4     |   |                        |   |   |   |   |   |
| Wolfish                    | 77  | 73                            | NA             | NA                  |                      |                         |                         | 1           | 3     |   |                        |   |   |   |   |   |

Values in live weight  
 Includes estimate of missing dealer reports  
 Source: NMFS Northeast Regional Office  
 Run Date: September 15, 2011

Any value for a non-allocated species may be due to landings of that stock; misreporting of species and/or stock area; and/or estimated landings (in lieu of missing reports) based on vessel histories. These include SNE winter flounder, northern windowpane, southern windowpane, ocean pout, halibut, and wolfish.

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Table 5: FY 2010 End of Year Accounting of NE Multispecies Catch - Percent of TAC Used (%)

| Stock                      | ACLs and sub-ACLs; (with accountability measures (AMs)) |                                    |                     |                          |                           |                              |                              | sub-components: No AMs |            |  |
|----------------------------|---|------------------------------------|---------------------|--------------------------|---------------------------|------------------------------|------------------------------|------------------------|------------|--|
|                            | % of Total Groundfish ACL                               | % of Commercial Groundfish Sub-ACL | % of Sector Sub-ACL | % of Common Pool Sub-ACL | % of Recreational Sub-ACL | % of Herring Fishery Sub-ACL | % of Scallop Fishery Sub-ACL | % of State Water       | % of Other |  |
|                            | A to G  | A+B+C                              | A                   | B                        | C                         | D                            | E                            | F                      | G          |  |
| GB cod                     | 83.5  | 82.5                               | 83.2                | 65.6                     |                           |                              |                              | 73.0                   | 109.0      |  |
| GOM cod                    | 71.0  | 75.9                               | 83.6                | 94.2                     | 61.9                      |                              |                              | 33.6                   | 18.1       |  |
| GB Haddock                 | 19.9  | 20.6                               | 20.5                | 36.3                     |                           | 82.3                         |                              | 0.3                    | 6.7        |  |
| GOM Haddock                | 65.5  | 67.4                               | 46.4                | 27.4                     | 122.3                     | 25.5                         |                              | 94.6                   | 3.6        |  |
| GB Yellowtail Flounder     | 76.6  | 92.1                               | 92.0                | 93.1                     |                           |                              | 12.1                         | NA                     | 12.3       |  |
| SNE Yellowtail Flounder    | 67.8  | 55.4                               | 64.9                | 25.9                     |                           |                              | 83.7                         | 134.4                  | 135.9      |  |
| CC/GOM Yellowtail Flounder | 78.3  | 76.6                               | 76.8                | 73.8                     |                           |                              |                              | 368.6                  | 39.4       |  |
| Plaice                     | 52.7  | 53.9                               | 54.7                | 32.8                     |                           |                              |                              | 78.3                   | 17.7       |  |
| Witch Flounder             | 92.1  | 85.1                               | 84.1                | 119.9                    |                           |                              |                              | 261.2                  | 207.3      |  |
| GB Winter Flounder         | 73.6  | 75.1                               | 75.8                | 30.3                     |                           |                              |                              | NA                     | 45.7       |  |
| GOM Winter Flounder        | 76.2  | 67.2                               | 60.7                | 101.6                    |                           |                              |                              | 107.1                  | 48.0       |  |
| SNE Winter Flounder        | 60.0  | 9.1                                | NA                  | NA                       |                           |                              |                              | 341.4                  | 421.3      |  |
| Redfish                    | 30.0  | 31.4                               | 31.7                | 8.8                      |                           |                              |                              | 13.9                   | 1.7        |  |
| White Hake                 | 86.9  | 88.4                               | 88.4                | 86.6                     |                           |                              |                              | 90.2                   | 52.4       |  |
| Pollock                    | 39.8  | 33.8                               | 33.7                | 40.3                     |                           |                              |                              | 89.2                   | 73.8       |  |
| Northern Windowpane        | 100.7   | 139.5                              | NA                  | NA                       |                           |                              |                              | 0.4                    | 17.4       |  |
| Southern Windowpane        | 237.3   | 47.8                               | NA                  | NA                       |                           |                              |                              | 1,550.1                | 622.2      |  |
| Ocean Pout                 | 35.7  | 27.3                               | NA                  | NA                       |                           |                              |                              | 1.1                    | 227.7      |  |
| Halibut                    | 52.2  | 92.8                               | NA                  | NA                       |                           |                              |                              | 18.2                   | 40.8       |  |
| Wolffish                   | 29.2  | 30.7                               | NA                  | NA                       |                           |                              |                              | 2.7                    | 1.7        |  |

Any value for a non-allocated species may be due to landings of that stock; misreporting of species and/or stock area; and/or estimated landings (in lieu of missing reports) based on vessel histories. These include SNE winter flounder, northern windowpane, southern windowpane, ocean pout, halibut, and wolffish.

Values in percent live weight (%)  
 Includes estimate of missing dealer reports  
 Source: NMFS Northeast Regional Office  
 Run Date: September 15, 2011

These data are the best available to NOAA's National Marine Fisheries Service (NMFS). Data sources for this report include: (1) Vessels via VMS; (2) Vessels via vessel logbook reports; (3) Dealers via Dealer Electronic reporting. Differences with previous reports are due to corrections made to the database.

**Table 25: FY 2010 End of Year Accounting of U.S./Canada Multispecies - U.S. Catch (mt)**

| Stock                           | U.S. Catch | U.S. Catch by Fishery Component |         |             |              |                 |                 |             | Other <sup>1</sup> |
|---------------------------------|------------|---------------------------------|---------|-------------|--------------|-----------------|-----------------|-------------|--------------------|
|                                 |            | Groundfish                      | Sector  | Common Pool | Recreational | Herring Fishery | Scallop Fishery | State Water |                    |
|                                 | A to G     | A+B+C                           | A       | B           | C            | D               | E               | F           | G                  |
| Eastern U.S./Canada Cod         | 254.3      | 253.5                           | 253.5   | 0.0         |              |                 |                 | 0.0         | 0.8                |
| Eastern U.S./Canada Haddock     | 1,904.8    | 1,823.1                         | 1,823.1 | 0.0         |              | 34.4            |                 | 0.0         | 47.2               |
| U.S./Canada Yellowtail Flounder | 781.6      | 757.6                           | 739.0   | 18.6        |              |                 | 17.6            | 0.0         | 6.4                |

<sup>1</sup>See Table 25A for additional detail  
 Values in live weight  
 Includes estimate of missing dealer reports  
 Run Date: September 15, 2011

**Table 26: FY 2010 End of Year Northeast Multispecies Trips, Vessels, Observers, and A DAS Used in the U.S./Canada Area**

| Area <sup>1</sup>        | Number of Vessels |             | Number of Trips |             | A DAS Used |             | Number of Observed Trips |             |
|--------------------------|-------------------|-------------|-----------------|-------------|------------|-------------|--------------------------|-------------|
|                          | Sector            | Common Pool | Sector          | Common Pool | Sector     | Common Pool | Sector                   | Common Pool |
| Eastern U.S./Canada Area | 65                | 0           | 393             | 0           | 850        | 0           | 99                       | 0           |
| Western U.S./Canada Area | 199               | 4           | 1,370           | 10          | 2,483      | 59          | 286                      | 3           |
| Total                    | 199               | 4           | 1,507           | 10          | 2,675      | 59          | 322                      | 3           |

<sup>1</sup>Area based on area fished. Totals don't sum due to multi-area trips

Source: NMFS Northeast Regional Office  
 Run Date: June 29, 2011

Any value for a non-allocated species may be due to landings of that stock; misreporting of species and/or stock area; and/or estimated landings (in lieu of missing reports) based on vessel histories.

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Table 25A: FY 2010 End of Year Accounting Detail of U.S./Canada Multispecies - U.S. Catch (mt)

| Stock                              | U.S. Catch | U.S. Catch by Fishery Component |         |             |              |                 |                 |             |       |
|------------------------------------|------------|---------------------------------|---------|-------------|--------------|-----------------|-----------------|-------------|-------|
|                                    |            | Groundfish                      | Sector  | Common Pool | Recreational | Herring Fishery | Scallop Fishery | State Water | Other |
|                                    | A to G     | A+B+C                           | A       | B           | C            | D               | E               | F           | G     |
| Eastern U.S./Canada<br>Cod         | 254.3      | 253.5                           | 253.5   | 0.0         |              |                 | 0.2             | 0.0         | 0.6   |
| Eastern U.S./Canada<br>Haddock     | 1,904.8    | 1,823.1                         | 1,823.1 | 0.0         |              | 34.4            | 0.0             | 0.0         | 47.2  |
| U.S./Canada<br>Yellowtail Flounder | 781.6      | 757.6                           | 739.0   | 18.6        |              |                 | 17.6            | 0.0         | 6.4   |

Values in live weight  
 Includes estimate of missing dealer reports  
 Run Date: September 15, 2011

Table 27: FY 2010 End of Year Accounting of U.S./Canada Multispecies - U.S. Catch TACs (mt)

| Stock                           | U.S. TAC<br>A to G | Total ACL<br>A to G | Fishery Component ACLs and sub-ACLs |             |                  |                   |                      |                      |                  |            |    |
|---------------------------------|--------------------|---------------------|-------------------------------------|-------------|------------------|-------------------|----------------------|----------------------|------------------|------------|----|
|                                 |                    |                     | Groundfish<br>A+B+C                 | Sector<br>A | Common Pool<br>B | Recreational<br>C | Herring Fishery<br>D | Scallop Fishery<br>E | State Water<br>F | Other<br>G |    |
| Eastern U.S./Canada Cod         | 338                | NA                  | 338                                 | 325         | 13               |                   |                      |                      |                  | 0          | 0  |
| Eastern U.S./Canada Haddock     | 11,988             | NA                  | 11,988                              | 11,913      | 75               |                   |                      | NA                   |                  | 0          | 0  |
| U.S./Canada Yellowtail Flounder | 1,047              | 1,021               | 823                                 | 803         | 20               |                   |                      |                      | 146              | 0          | 52 |

Values in live weight

Includes estimate of missing dealer reports

Source: NMFS Northeast Regional Office

Run Date: September 15, 2011

Any value for a non-allocated species may be due to landings of that stock; misreporting of species and/or stock area; and/or estimated landings (in lieu of missing reports) based on vessel

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**Table 28: FY 2010 End of Year Accounting of U.S./Canada Multispecies - Percent of U.S. TAC Caught (%)**

| Stock                           | % of U.S. TAC<br>A to G | % of Total ACL<br>A to G | Percent of Each Fishery Component U.S. TAC Caught |             |                  |                   |                      |                      |                  |            |      |
|---------------------------------|-------------------------|--------------------------|---|-------------|------------------|-------------------|----------------------|----------------------|------------------|------------|------|
|                                 |                         |                          | Groundfish<br>A+B+C                               | Sector<br>A | Common Pool<br>B | Recreational<br>C | Herring Fishery<br>D | Scallop Fishery<br>E | State Water<br>F | Other<br>G |      |
| Eastern U.S./Canada Cod         | 75.3                    | NA                       | 75.1  | 78.0        | 0.0              |                   |                      |                      |                  | NA         | NA   |
| Eastern U.S./Canada Haddock     | 15.9                    | NA                       | 15.2  | 15.3        | 0.0              |                   |                      | NA                   |                  | NA         | NA   |
| U.S./Canada Yellowtail Flounder | 74.7                    | 76.6                     | 92.1  | 92.0        | 93.1             |                   |                      |                      | 12.1             | NA         | 12.3 |

Values in percent live weight (%)  
 Includes estimate of missing dealer reports  
 Source: NMFS Northeast Regional Office  
 Run Date: September 15, 2011

Any value for a non-allocated species may be due to landings of that stock; misreporting of species and/or stock area; and/or estimated landings (in lieu of missing reports) based on vessel

These data are the best available to NOAA's National Marine Fisheries Service (NMFS). Data sources for this report include: (1) Vessels via VMS; (2) Vessels via vessel logbook reports; (3) Dealers via Dealer Electronic reporting. Differences with previous reports are due to corrections made to the database.

