Outline

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<table>
<thead>
<tr>
<th>Timeline</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>October 2019</td>
<td>Board Initiates Draft Addendum III</td>
</tr>
<tr>
<td>December 2019-</td>
<td>PDT Developed Draft Addendum III</td>
</tr>
<tr>
<td>January 2020</td>
<td></td>
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<tr>
<td>February 2020</td>
<td>Board Reviews Draft Addendum III and Considers Approval for</td>
</tr>
<tr>
<td></td>
<td>Public Comment</td>
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<tr>
<td>March- April 2020</td>
<td>Public Comment Period</td>
</tr>
<tr>
<td>May 2020</td>
<td>Board Reviews Public Comment; Final Approval of Addendum III</td>
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Purpose

- The 2019 sub-ACL was significantly reduced from recent years in response to the 2018 stock assessment.
- In 2019 the chosen combination of effort controls and quota allocation resulted in short, infrequent windows for fishing thus making trips less economical.
- To avoid continual closures and manage landings more efficiently, new allocations and management tools are needed.
Current Management Tools

• Quota Allocation (Amendment 3)
  – Bi-monthly
  – Trimester
  – Seasonal

• Effort Controls by Permit Category (A,C, and D)
  – Landing Days
  – Weekly Landing Limits
  – Designation of Carrier Vessels
  – Category C and D: Small Mesh Bottom Trawl

• Challenges to using current tools under low quota
Atlantic herring landings by month
Relevant Federal Permits

- **Limited access for all management areas (A)**
  - Purse Seine, Midwater Trawl, and Bottom Trawl

- **Limited access incidental catch for 25 mt per trip (C)**
  - Bottom Trawl

- **Open access incidental catch for 3 mt per trip (D)**
  - Bottom Trawl and Other

<table>
<thead>
<tr>
<th>Permit Group</th>
<th>Landings (mt)</th>
<th>% of total landings (‘14-‘18)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A and BC</td>
<td>54,918.9</td>
<td>98.69%</td>
</tr>
<tr>
<td>C</td>
<td>681.5</td>
<td>1.22%</td>
</tr>
<tr>
<td>D, DE, and E</td>
<td>49.0</td>
<td>0.09%</td>
</tr>
<tr>
<td>No Federal Herring Permit</td>
<td>0.2</td>
<td>0.00%</td>
</tr>
</tbody>
</table>
Menhaden Fishery & Bait Demand

The graph shows the Menhaden landings (in millions of lbs) from 2015 to 2019. The data is broken down by state: NH (New Hampshire), ME (Maine), MA (Massachusetts), and Area 1A Herring. The graph indicates a significant increase in landings from 2015 to 2017, followed by a decrease in 2018 and 2019.
Management Issues and Options
3.1 Quota Management

• Option 1: Status Quo

• Option 2: Alternate Seasonal Allocation
  – January 1-May 31: 0%
  – June 1- December 31: 100%

• Option 3: Alternate Trimester Allocation
  – January 1-May 31: 0%
  – June 1- August 31: 80%
  – September 1- December 31: 20%

• Both options 2 and 3 could both be added to the suite of quota options the Board annually chooses from
3.2 Days Out Permit Provisions

• **Option 1: Status Quo**
  – *Only* Category A permits subject to landing days and weekly landing limits

• **Option 2: Days Out of the Fishery for Vessels with Category A or C Permits**
  – Category C permits could be subject to landing days and weekly landing limits
  – Increase weekly landing limit provision to up to 99.9% of vessels
3.3 Weekly Landing Limit

• **Option 1: Status Quo**
  – Weekly landing limits for Category A permits can only be applied from June 1- September 30

• **Option 2: Status Quo w/no declaration for Category A permits**
  – Similar to Status Quo, only applies to Category A permits
  – 45 day notification removed

• **Option 3: Weekly Landing Limits for all vessels throughout all quota periods**
  – Applies to all vessels throughout the entire season
  – 45 day notification removed
4. Implementation

• After public comment, if approved by the Board in May 2020 the options would be available implementation for the 2020 fishing season

• Days Out Meeting likely held by conference call same week as ASMFC Spring Meeting

• 2/3 majority vote needed to change previously specified allocation (Final Action)
Questions?
2020-2021 Atlantic Herring Specs

Atlantic Herring Management Board
February 4, 2020
2020-2021 Specs

• The Council Approved Framework 6 in June
  – Contains 2019-2021 specifications and new overfishing definition consistent with 2018 benchmark stock assessment
  – NOAA released the proposed rule last week
  – The proposed rule includes a lower catch limit for Area 1A sub-ACL for 2020-2021 (3,344 mt) based on the ABC control rule proposed in Amendment 8
    • 23% decrease from 2019
### 2020-2021 Specifications

<table>
<thead>
<tr>
<th>Category</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Overfishing Limit</td>
<td>41,830 mt (2020)</td>
</tr>
<tr>
<td></td>
<td>69,064 mt (2021)</td>
</tr>
<tr>
<td>Acceptable Biological Catch</td>
<td>16,131 mt</td>
</tr>
<tr>
<td>Management Uncertainty</td>
<td>4,560 mt</td>
</tr>
<tr>
<td>Annual Catch Limit (ACL)</td>
<td>11,571 mt</td>
</tr>
<tr>
<td>Border Transfer</td>
<td>100 mt</td>
</tr>
<tr>
<td>Area 1A Sub-ACL (28.9%)</td>
<td>3,344 mt</td>
</tr>
<tr>
<td>Area 1B Sub-ACL (4.3%)</td>
<td>498 mt</td>
</tr>
<tr>
<td>Area 2 Sub-ACL (27.8%)</td>
<td>3,217 mt</td>
</tr>
<tr>
<td>Area 3 Sub-ACL (39%)</td>
<td>4,513 mt</td>
</tr>
<tr>
<td>Fixed Gear Set-Aside</td>
<td>30 mt</td>
</tr>
<tr>
<td>Research Set-Aside</td>
<td>3% of each sub-ACL</td>
</tr>
</tbody>
</table>
Board Action for Consideration

• Approved 2020-2021 specifications as recommended by NEFMC and outlined in the proposed rule by NOAA Fisheries
Questions?