Scup
2021 Specifications
Monitoring Committee Meeting
July 27, 2020
Outline

- 2019 assessment/2020 data update
- Fishery performance and AP comments
- Council risk policy change
- SSC ABC recommendation

MC Objectives:

- Review ACLs, ACTs, quotas and RHLs for 2021, revise if warranted
- Review 2021 commercial measures
Fishing Mortality

- Total Catch (mt)
- Fishing Mortality (F)
- FMSY = F40% = 0.215
2020 Data Update

NEFSC Trawl Survey Scup Biomass Indices

Stratified mean KG per tow

Year


Spring  Fall

0  2  4  6  8  10  12  14  16
<table>
<thead>
<tr>
<th>Year</th>
<th>Quota (mil lb)</th>
<th>Landings (mil lb)</th>
<th>% of quota landed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>21.23</td>
<td>17.03</td>
<td>80%</td>
</tr>
<tr>
<td>2016</td>
<td>20.47</td>
<td>15.76</td>
<td>77%</td>
</tr>
<tr>
<td>2017</td>
<td>18.38</td>
<td>15.44</td>
<td>84%</td>
</tr>
<tr>
<td>2018</td>
<td>23.98</td>
<td>13.37</td>
<td>55%</td>
</tr>
<tr>
<td>2019</td>
<td>23.98</td>
<td>13.78</td>
<td>57%</td>
</tr>
<tr>
<td>2020</td>
<td>22.23</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>
2020 Landings Winter I Quota Period

Quota: 10,820,000 lbs

- Previous Year
- Current Year
2020 Summer Quota Period Landings

Quota: 8,658,277 lbs
# RHL Performance

<table>
<thead>
<tr>
<th>Year</th>
<th>RHL (mil lb)</th>
<th>Harvest (old MRI P, mil lb)</th>
<th>% of RHL harvested (old MRI P)</th>
<th>Harvest (new MRI P, mil lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>6.80</td>
<td>4.41</td>
<td>65%</td>
<td>12.17</td>
</tr>
<tr>
<td>2016</td>
<td>6.09</td>
<td>4.26</td>
<td>70%</td>
<td>10.00</td>
</tr>
<tr>
<td>2017</td>
<td>5.50</td>
<td>5.42</td>
<td>98%</td>
<td>13.54</td>
</tr>
<tr>
<td>2018</td>
<td>7.37</td>
<td>5.61</td>
<td>76%</td>
<td>12.98</td>
</tr>
<tr>
<td>2020</td>
<td>6.51</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>
Covid-19 impacts

- How will MRIP account for data gaps?
- Reduced for-hire effort
- MA for-hire season is wave 3, partially closed this year
- Once open, reduced to 8 people per trip
- Scup markets depressed in January due to foreign markets
Abundant but little to no market/customer demand
  - For-hire and commercial

Recent years, biomass high and recruitment low due to removing spawning adults due to size restrictions

Taken away small scup market

Mesh size and min size should be decreased

Cumulative length limit in rec fishery
Council Risk Policy Revisions

![Graph showing the comparison between Previous risk policy and Revised risk policy. The x-axis represents B/Bmsy, ranging from 0 to 2.5, and the y-axis represents P*, ranging from 0 to 0.5. The graph illustrates the risk policy revisions with two lines: one for the Previous risk policy and another for the Revised risk policy.]
**SSC ABC Recommendation**

- Revised previously adopted 2021 ABC based on revisions to Council risk policy

<table>
<thead>
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<th></th>
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<tbody>
<tr>
<td><strong>OFL</strong></td>
<td>35.30 mil lb (16,012 mt)</td>
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</tr>
<tr>
<td><strong>ABC</strong></td>
<td>30.67 mil lb (13,913 mt)</td>
<td>34.81 mil lb (15,791 mt)</td>
</tr>
<tr>
<td><strong>P</strong></td>
<td>0.40</td>
<td>0.49</td>
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</table>
OFL

ABC

Commercial ACL 78% of ABC

Commercial ACT

Commercial Quota
ACT minus projected discards (80.7% of total)

Winter I Quota
Summer Quota
Winter II Quota

Recreational ACL 22% of ABC

Recreational ACT

Recreational Harvest Limit
ACT minus projected discards (19.3%)

Landings portion

Discards portion

Projected comm. discards
Projected rec. discards
## Staff Recommended ACLs, ACTs, and Landings Limits

<table>
<thead>
<tr>
<th>Management measure</th>
<th>Current 2021</th>
<th></th>
<th>Staff Rec. 2021</th>
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<tbody>
<tr>
<td></td>
<td>mil lb</td>
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<td>30.67</td>
<td>13,913</td>
<td>34.81</td>
<td>15,791</td>
</tr>
<tr>
<td>ABC discards</td>
<td>7.26</td>
<td>3,295</td>
<td>7.26</td>
<td>3,295</td>
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<tr>
<td>Commercial ACL</td>
<td>23.92</td>
<td>10,852</td>
<td>27.15</td>
<td>12,317</td>
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<tr>
<td>Commercial ACT</td>
<td>23.92</td>
<td>10,852</td>
<td>27.15</td>
<td>12,317</td>
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<tr>
<td>Projected commercial discards</td>
<td>5.86</td>
<td>2,659</td>
<td>6.65</td>
<td>3,018</td>
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<tr>
<td>Commercial quota</td>
<td>18.06</td>
<td>8,194</td>
<td>20.50</td>
<td>9,299</td>
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<tr>
<td>Recreational ACL</td>
<td>6.75</td>
<td>3,061</td>
<td>7.66</td>
<td>3,474</td>
</tr>
<tr>
<td>Recreational ACT</td>
<td>6.75</td>
<td>3,061</td>
<td>7.66</td>
<td>3,474</td>
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<tr>
<td>Projected recreational discards</td>
<td>1.40</td>
<td>636</td>
<td>1.59</td>
<td>722</td>
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<tr>
<td>RHL</td>
<td>5.34</td>
<td>2,424</td>
<td>6.07</td>
<td>2,752</td>
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</table>
Previous MC Recommendations

2020-2021 specifications, MC Rec:
- Changing to a 10 year average for sector-specific discard proportions (75% com., 25% rec.)
- Previously, 3 year average had been used
- Smooth out variability driven by recruitment and other factors

Council and Board:
- Adopted 3 year average approach for discard proportions for 2020-2021 (80.7% com., 19.3% rec.)
Recent Changes to Commercial Measures

- **2016** — Possession limit change both Winter periods
- **2017** — Southern GRA boundary change
- **2018** — October moved from Summer to Winter II
- **2019** — Spring possession limit change
Commercial Measures

Staff recommend no changes for 2021

- Quota period possession limits and quota rollover provisions
- Minimum fish size
- Gear requirements
- Incidental possession limits
Questions

Whole scup with tomatillo sauce. — Gavin Smith mvtimes.com