Spiny Dogfish
2021 & 2022
Fishing Years’ ABCs

October 2020
### Current Specs

#### Multi-Year Specs

2019, 2020, **2021**

ABCs based on original risk policy, OFL CV of 100%; Stock size 67% of target in 2018...

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Basis</th>
<th>2019 (pounds)</th>
<th>2019 (mt)</th>
<th>2020 (pounds)</th>
<th>2020 (mt)</th>
<th>2021 (pounds)</th>
<th>2021 (mt)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFL (from SSC)</td>
<td>Projected Catch at Fmsy</td>
<td>47,507,413</td>
<td>21,549</td>
<td>na</td>
<td>na</td>
<td>na</td>
<td>na</td>
</tr>
<tr>
<td>ABC (from SSC)</td>
<td>Council Risk Policy</td>
<td>28,470,497</td>
<td>12,914</td>
<td>31,142,499</td>
<td>14,126</td>
<td>35,368,761</td>
<td>16,043</td>
</tr>
</tbody>
</table>
2021-2022 Specs

New Risk Policy

2021: 17,498 MT
2022 – Benchmark, extend 2021

-The original P*s for 2019-2021 were 27-30% chances of overfishing
-The revised P* for 2021 would be 33% chance of overfishing.
Last Year’s Update

Female spawning stock biomass Estimates 1982-2019

SSB (Thousands mt)

Commercial Spiny Dogfish Fishing Year Landings from 2000-2019 and Federal Quotas from 2000-2021 (2021 projected)
Dogfish Landings 2018 and 2019 FYs

Quota: 20,522,832 lbs
Dogfish Landings 2019 and 2020 FYs

Quota: 23,194,835 lbs

Yellow = 2019 Fishing Year, Blue = 2020
Price thru 2019 Fishing Year

Dogfish Price, Inflation Adjusted (2019) $/pound
Dogfish – Advisory Panel FPR

- Weak demand (few processors) and trip limit restrain landings (6,000 lbs since 8/15/16)
- Local conditions affect local landings
- Concern about science underestimating population & productivity
  - No concerns about stock from AP
  - Executive order
- Early 2020 landings down some vs same time last year – fewer Northern participants and not landing full trip limits – fish are offshore
Dogfish ABC Staff Recommendation

- Update 2021 ABC given new risk policy...
  - 17,498 MT

- Also extend/set through 2022 given benchmark in 2022.
SSC Recommendation

- Accepted staff recommendation
  - Consistent with Council risk policy
  - Concern about missed data – survey dependent
  - Concern getting distant in time from projections
  - But original projections for 2022 even higher

- Highlighted/updated research recommendations.
## Monitoring Committee

<table>
<thead>
<tr>
<th>Specifications</th>
<th>2021 Revised/2022 (pounds)</th>
<th>2021 Revised/2022 (mt)</th>
<th>Basis for Revised 2021 (and 2022) Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFL (from SSC)</td>
<td>na</td>
<td>na</td>
<td>na</td>
</tr>
<tr>
<td>ABC (from SSC)</td>
<td>38,576,487</td>
<td>17,498</td>
<td>SSC, Revised Council Risk Policy</td>
</tr>
<tr>
<td>Canadian Landings</td>
<td>99,208</td>
<td>45</td>
<td>= 2018 estimate</td>
</tr>
<tr>
<td>Domestic ABC</td>
<td>38,477,279</td>
<td>17,453</td>
<td>= ABC – Canadian Landings</td>
</tr>
<tr>
<td>ACL</td>
<td>38,477,279</td>
<td>17,453</td>
<td>= Domestic ABC</td>
</tr>
<tr>
<td>Mgmt Uncert Buffer</td>
<td>0</td>
<td>0</td>
<td>Ave pct overage since 2011</td>
</tr>
<tr>
<td>ACT</td>
<td>38,477,279</td>
<td>17,453</td>
<td>= ACL - mgmt uncert buffer</td>
</tr>
<tr>
<td>U.S. Discards</td>
<td>8,800,854</td>
<td>3,992</td>
<td>= 3 year average 2016-17-18</td>
</tr>
<tr>
<td>TAL</td>
<td>29,676,425</td>
<td>13,461</td>
<td>ACT – Discards</td>
</tr>
<tr>
<td>U.S. Rec Landings</td>
<td>116,845</td>
<td>53</td>
<td>= 2019 estimate</td>
</tr>
<tr>
<td>Comm Quota</td>
<td>29,559,580</td>
<td>13,408</td>
<td>TAL – Rec Landings</td>
</tr>
</tbody>
</table>
Monitoring Committee

- Trip Limit
  - changes to the current 6,000-pound trip limit do not appear necessary to adhere to specifications
  - as long as states adhere to their quotas, different trip limits should not adversely affect stock
  - Major changes should be a framework
- Greater analysis and public input
Trip Limit Follow-Up

- A change to 7,000 or 8,000 pounds could be handled with minimal administrative costs (like quota)
- Bigger changes probably need an EA even within specifications
- Council staff recommends using a framework given participants may not be expecting trip limit changes at this time and socio-economic analysis would help inform changes (EO)
Trip Limit Follow-Up

- New England Council voiced concern/objection that New England preferences at the Committee level are masked by the Committee of the Whole approach.

- NE in-between staffers and Committee assignments...on 9/18 made “temporary” assignments for Spiny Dogfish Committee