National Report
United States of America

Agenda Item 12.2
IPHIC-2020-AM096-NR02
Presentation elements:

• NOAA Office of Law Enforcement, Alaska Division
• United States Coast Guard 17th District
• Alaska Department of Fish and Game Subsistence and Recreational harvest reports
Compliance Assistance

Over 1321 Hours

* Great Alaska Sportsman’s Show in Anchorage, Alaska

* State Fair in Haines, AK

* Pacific Marine Expo in Seattle, WA

* WhaleFest in Sitka, AK

* Daily in ports, harbors, processors & at sea
### Halibut Related Violations

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subsistence Halibut Fishing</td>
<td>26</td>
<td>58</td>
<td>29</td>
</tr>
<tr>
<td>Commercial Halibut Fishing</td>
<td>121</td>
<td>136</td>
<td>250(*111)</td>
</tr>
<tr>
<td>Charter Halibut Fishing</td>
<td>203</td>
<td>186</td>
<td>159</td>
</tr>
<tr>
<td>Sport Halibut Fishing</td>
<td>15</td>
<td>36</td>
<td>57</td>
</tr>
<tr>
<td>Commercial Groundfish involving Halibut</td>
<td>19</td>
<td>43</td>
<td>60 (*11)</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>384</td>
<td>451</td>
<td>555</td>
</tr>
</tbody>
</table>

*Not all violations resulted in an enforcement penalty*
Halibut Related Violations
Partnerships
Partnerships

Glacier Bay National Park Rangers, Alaska Wildlife Trooper, NOAA OLE Officers.
U.S. Coast Guard 17th District
Enforcement Report
Anchorage, Ak

LT Ben Hinchman
Response & Enforcement Division
## Operation Alaskan Sentinel 2018 and 2019 Boardings by IPHC Area

<table>
<thead>
<tr>
<th>IPHC Area</th>
<th>2018 Boardings</th>
<th>2019 Boardings</th>
</tr>
</thead>
<tbody>
<tr>
<td>2C</td>
<td>395</td>
<td>426</td>
</tr>
<tr>
<td>3A</td>
<td>327</td>
<td>225</td>
</tr>
<tr>
<td>3B</td>
<td>15</td>
<td>5</td>
</tr>
<tr>
<td>4A</td>
<td>11</td>
<td>17</td>
</tr>
<tr>
<td>4B</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>4C</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>4D</td>
<td>6</td>
<td>0</td>
</tr>
<tr>
<td>4E</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
## Boarding and Violation Summaries by Industry Sector

<table>
<thead>
<tr>
<th></th>
<th>2018 Boardings/Violations</th>
<th>2019 Boardings/Violations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total At-Sea Boardings</strong></td>
<td>754</td>
<td>676</td>
</tr>
<tr>
<td><strong>Commercial</strong></td>
<td>167</td>
<td>167</td>
</tr>
<tr>
<td><strong>Charter</strong></td>
<td>104</td>
<td>177</td>
</tr>
<tr>
<td><strong>Recreational/Subsistence</strong></td>
<td>483</td>
<td>332</td>
</tr>
<tr>
<td><strong>Fisheries Violations</strong></td>
<td>12</td>
<td>11</td>
</tr>
<tr>
<td><strong>Commercial</strong></td>
<td>5</td>
<td>7</td>
</tr>
<tr>
<td><strong>Charter</strong></td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td><strong>Recreational/Subsistence</strong></td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td><strong>Fisheries Compliance Rates</strong></td>
<td>98.4%</td>
<td>98.3%</td>
</tr>
<tr>
<td><strong>Commercial</strong></td>
<td>97.1%</td>
<td>95.8%</td>
</tr>
<tr>
<td><strong>Charter</strong></td>
<td>97.1%</td>
<td>99.4%</td>
</tr>
<tr>
<td><strong>Recreational/Subsistence</strong></td>
<td>99.2%</td>
<td>99.1%</td>
</tr>
</tbody>
</table>
IPHC Area 2C

429 Boardings
  – 64 IFQ
    • 1 violation
  – 141 Charter
    • 0 violations
  - 224 Recreational/Subsistence
    • 0 violation
IPHC Areas 3A/3B

230 Boardings
- 83 IFQ
  • 4 violation
- 36 Charter
  • 1 violation
- 111 Recreational/Subsistence
  • 3 violations
IPHC Areas 4A, B, C, D, & E

20 Boardings
- 20 IFQ/CDQ
  - 2 violations
- 0 Charter
- 0 Recreational/Subsistence
### Fisheries Violations in All Industry Sectors

<table>
<thead>
<tr>
<th>Violation</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mutilation of catch</td>
<td>1</td>
</tr>
<tr>
<td>Not filling out harvest ticket</td>
<td>1</td>
</tr>
<tr>
<td>Permit not available for inspection</td>
<td>6</td>
</tr>
<tr>
<td>No pilot ladder</td>
<td>1</td>
</tr>
<tr>
<td>Fishing without license</td>
<td>1</td>
</tr>
<tr>
<td>Retaining over legal limit</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>11</strong></td>
</tr>
</tbody>
</table>

**2019**
Alaska Subsistence and Recreational Halibut Fisheries

For the International Pacific Halibut Commission
2020 Annual Meeting

James Fall and Sarah Webster
Alaska Department of Fish and Game
Overview

- Alaska subsistence fishery review through 2018
  - Jim Fall – Division of Subsistence
- Alaska recreational fishery review through 2019
  - Sarah Webster – Division of Sport Fish
Subsistence Harvests of Pacific Halibut in Alaska, 2018

Division of Subsistence
Alaska Department of Fish and Game

National Marine Fisheries Service Grant
No. NA18NMF4370086

Presentation to the
International Pacific Halibut Commission

Anchorage, Alaska
February 2020
Project Background & Methods

- New subsistence regulations in effect May 2003
- 118 communities and 123 tribes eligible
- Registration requirement (SHARC)
- 2018 = 13th year of the harvest assessment program
- No estimates for 2013, 2015, 2017, or 2019
- If funding available, could continue for 2020
- Mailed survey is primary data collection method; response voluntary
- Mailed to all SHARC holders; 3 mailings
- Supplemented by interviews in 4 communities
- Response = 5,852 of 8,576 potential fishers = 68% response rate
Study Findings: Halibut 2018

- Estimated number of subsistence fishers = 4,094
- Estimated subsistence harvest = 29,963 halibut
- Estimated subsistence harvest = 615,789 lbs net weight
- 59% of harvest occurred in Area 2C, 30% in 3A, & 4% in 4E
• Subsistence harvests by area ranged from 5.8% in Area 2C to 0.5% in Area 3B
New survey questions for 2018:
“Did your household get all the halibut it needed in 2018?”
and
“If not, why not?”
Conclusions: Harvest Survey, 2018

• Overall, 2018 harvest survey was a success: good response rates and overall reliable harvest estimates
• Reasons for trends in harvests and needs assessments are complex and require further investigation
• Concerns about nonrenewal of SHARCs, especially in certain regulatory areas
• Recommendation to continue harvest monitoring

For the full study findings, see:
Alaska Recreational Halibut Fisheries

For the International Pacific Halibut Commission
2020 Annual Meeting

Sarah Webster
Alaska Department of Fish and Game – Division of Sport Fish
What estimates does ADF&G provide to IPHC?

- Numbers of halibut harvested & released
- Average weight of harvest
- Yield and release mortality in pounds
- Harvest prior to the IPHC survey in 2C, 3A
- Length, age, and sex composition (on request)
Data Sources

- Charter logbook (statewide, mandatory)
- Statewide harvest survey (mail)
- Creel surveys at major ports in 2C, 3A
Charter Information (2018)

- Businesses that harvested halibut

<table>
<thead>
<tr>
<th>Area Fished</th>
<th>No. Businesses</th>
</tr>
</thead>
<tbody>
<tr>
<td>2C</td>
<td>237</td>
</tr>
<tr>
<td>3A</td>
<td>222</td>
</tr>
<tr>
<td>2C and 3A</td>
<td>7</td>
</tr>
<tr>
<td>3B</td>
<td>4</td>
</tr>
<tr>
<td>3A and 3B</td>
<td>2</td>
</tr>
<tr>
<td>4A</td>
<td>2</td>
</tr>
</tbody>
</table>

- Charter vessels that harvested halibut

<table>
<thead>
<tr>
<th>Area Fished</th>
<th>No. Vessels</th>
</tr>
</thead>
<tbody>
<tr>
<td>2C</td>
<td>524</td>
</tr>
<tr>
<td>3A</td>
<td>360</td>
</tr>
<tr>
<td>2C and 3A</td>
<td>35</td>
</tr>
<tr>
<td>3B</td>
<td>5</td>
</tr>
<tr>
<td>3A and 3B</td>
<td>2</td>
</tr>
<tr>
<td>4A</td>
<td>2</td>
</tr>
</tbody>
</table>
Area 2C Charter

2018: 0.716 Mlb
2019: 0.665 Mlb

* Projection based on data through July 31
Area 2C Unguided

2018: 1.231 Mlb
2019: 1.150 Mlb

Area 2C - Unguided

Number of Halibut

Average Net Weight (lb)

+ Time series forecast
Area 3A Charter

**2018: 1.886 Mlb**
**2019: 2.012 Mlb**

*Projection based on data through July 31*
Area 3A Unguided

2018: 1.575 Mlb
2019: 1.664 Mlb

Area 3A - Unguided

Number of Halibut

Average Net Weight (lb)

+ Time series forecast
Areas 3B and 4 – Total Recreational Harvest

Area 3B

Area 4

+ Time series forecast
Acknowledgements

- Bob Powers – logbook data
- Diana Tersteeg, Mike Jaenicke – Southeast data
- Martin Schuster – Southcentral data
- Mike Martz, Bill Romberg – SWHS
- Steve MacLean – NPFMC staff
- Charter Halibut Management Committee
- Numerous technicians – halibut measurements and angler interviews
- Cooperating anglers and charter operators

Funding:
State of Alaska General Funds
DJ-WB Federal Aid in Fish Restoration
Fish & Game Funds