Recreational Crab & Shrimp Advisory Committee Meeting

March 10, 2020
• Introductions (10 min)
  • Staff
  • Advisors

• House Keeping (10 min)
  • Guidelines
  • Advisor Roles
  • Communication

• Crab (60 min)
  • 2019/2020 Season Overview
  • Management & Enforcement
  • 2020/2021 Season Outlook
  • Derelict Gear Rule Updates
  • Research and Collaborative Activities

• Shrimp (60 min)
  • 2019/2020 Season Overview
  • Management, Methods, & Enforcement
  • 2020/2021 Season Outlook

• Other Items (30 min)
  • Commission Presentations
  • Website
  • Communication & Education with Recreational Users

• Wrap-up and next Steps (10 min)
Introductions

• New Crustacean Team Staff
  • Aaron Dufault – Shellfish Program Director
  • Daniel Sund – Commercial Crustacean Biologist

• Newest Recreational Advisors
  • Phli Andrus, Chimacum
  • Christine Arneson, Burien
  • Larry Bucklin, University Place
  • Dave Drewry, Port Townsend
  • James Ianelli, Seattle
  • Pat Patillo, Olympia
  • Steve Russo, Snohomish
House Keeping

• Meetings 2 times per year
• Opportunity to share information and get advice on recreational fishery issues
• Keep it positive!
• Monthly newsletter
• Advisory Board Role
  • Advisory board organization – selecting a spokesperson
  • Single line of communication to WDFW staff
## 2019 / 2020 Season Overview – Rec Crab

<table>
<thead>
<tr>
<th>Region</th>
<th>Marine Areas</th>
<th>Summer Opened</th>
<th>Summer Closed</th>
<th>Summer Harvest</th>
<th>Winter Opened</th>
<th>Winter Closed</th>
<th>Winter Harvest</th>
<th>Total Harvest</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>7</td>
<td>7/11 and 8/15</td>
<td>9/30</td>
<td>464,117</td>
<td>10/1</td>
<td>12/31</td>
<td>72,481</td>
<td>536,598</td>
</tr>
<tr>
<td>2E</td>
<td>8-1, 8-2</td>
<td>7/4</td>
<td>9/2</td>
<td>689,407</td>
<td>10/1</td>
<td>1/31</td>
<td>46,200</td>
<td>735,607</td>
</tr>
<tr>
<td>2W</td>
<td>9</td>
<td>7/4</td>
<td>9/2</td>
<td>81,494</td>
<td>10/1</td>
<td>12/31</td>
<td>12,584</td>
<td>94,078</td>
</tr>
<tr>
<td>3-1</td>
<td>6 N</td>
<td>7/4</td>
<td>9/2</td>
<td>2,235</td>
<td>10/1</td>
<td>12/31</td>
<td>376</td>
<td>2,611</td>
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<tr>
<td>3-2</td>
<td>6 SE</td>
<td>7/4</td>
<td>9/2</td>
<td>137,435</td>
<td>10/1</td>
<td>12/31</td>
<td>23,136</td>
<td>160,571</td>
</tr>
<tr>
<td>3-3</td>
<td>4, 5, 6 W</td>
<td>7/4</td>
<td>9/2</td>
<td>5,862</td>
<td>10/1</td>
<td>12/31</td>
<td>310</td>
<td>6,172</td>
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<tr>
<td>4</td>
<td>10</td>
<td>7/4</td>
<td>8/3</td>
<td>47,202</td>
<td></td>
<td></td>
<td>34</td>
<td>47,236</td>
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<tr>
<td>5</td>
<td>12</td>
<td>7/4</td>
<td>9/2</td>
<td>67,891</td>
<td>12/20</td>
<td>1/31</td>
<td>9,339</td>
<td>77,230</td>
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<td>6</td>
<td>11</td>
<td></td>
<td>411</td>
<td></td>
<td></td>
<td>0</td>
<td>411</td>
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<td>7</td>
<td>13</td>
<td></td>
<td>240</td>
<td></td>
<td></td>
<td>0</td>
<td>240</td>
<td></td>
</tr>
</tbody>
</table>

Includes 12,130 lbs. for Jan.

Includes 6,001 lbs. for Jan.
2019 / 2020 Season Overview – Crab

• Recreational: Reference handout with State recreational, State commercial, and Tribal totals to date. Includes EUC.
2019 / 2020 Season Overview – Rec Crab

• In-season Closures and Extensions
  • Marine Areas 8-1 / 8-2
    • Opened on July 4.
    • Closed on September 2 (usual).
    • Opened on October 1.
    • Closed on October 23.
    • Re-opened on November 28th through Jan 31 2020. No requirement to record on CRC for January.
  • Marine Area 12 and portion of 9 (Port Gamble/Port Ludlow)
    • Opened on July 4.
    • Closed on September 2 (usual).
    • Opened on December 20 through January 31 2020. No requirement to record on CRC for January.
## 2019 / 2020 Season Overview – Crab

State commercial crab harvest totals by Region

<table>
<thead>
<tr>
<th></th>
<th>Region 1</th>
<th>Region 2 East</th>
<th>Region 2 West</th>
<th>Region 3-1</th>
<th>Region 3-2</th>
<th>Region 3-3</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>State Com. Available</strong></td>
<td>1,634,204</td>
<td>562,682</td>
<td>129,886</td>
<td>42,040</td>
<td>192,088</td>
<td>18,394</td>
<td>2,579,294</td>
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<tr>
<td><strong>To Date Totals</strong></td>
<td>1,661,616</td>
<td>562,590</td>
<td>128,995</td>
<td>42,610</td>
<td>194,789</td>
<td>13,492</td>
<td>2,604,092</td>
</tr>
<tr>
<td><strong>Remaining Share</strong></td>
<td>-27,412</td>
<td>92</td>
<td>891</td>
<td>-570</td>
<td>-2,701</td>
<td>4,902</td>
<td>-24,798</td>
</tr>
</tbody>
</table>
2019 / 2020 Season Overview – Crab

Daily State commercial crab harvest totals by Region
2019 / 2020 Season Overview – Crab

• December 2019 2E Commercial Opener
  • December 10 through December 14
  • Approximately 97,000 lbs of Quota remaining (after bump and set aside)
  • Harvesters required to:
    • Register
    • Report daily harvested crab (sold and held)
  • Stopped after 4 days to ensure recreational effort was accurately estimated.

<table>
<thead>
<tr>
<th>Number of Registered Vessels</th>
<th>Number of Permits</th>
<th>Number of Participating Vessels</th>
<th>Total Harvester QR Landings</th>
<th>Total Buyer QR Landings</th>
<th>Total FT Landings</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>141</td>
<td>55</td>
<td>53,325</td>
<td>53,998</td>
<td>53,424</td>
</tr>
</tbody>
</table>
2019 / 2020 Season Overview – Crab

• January 2020 2E Commercial Opener
  • January 14 through January 19
  • Initial conservative target of 45,000 lbs
  • Harvesters required to:
    • Register
    • Report daily harvested crab (sold and held)
  • Stopped mid-day on Jan 19 due to weather and to limit a full day’s harvest.

<table>
<thead>
<tr>
<th>Number of Registered Vessels</th>
<th>Number of Permits</th>
<th>Number of Participating Vessels</th>
<th>Total Harvester QR Landings</th>
<th>Total Buyer QR Landings</th>
<th>Total FT Landings</th>
</tr>
</thead>
<tbody>
<tr>
<td>49</td>
<td>110</td>
<td>44</td>
<td>49,182</td>
<td>40,310</td>
<td>46,200</td>
</tr>
</tbody>
</table>
2019 / 2020 Season Overview – Crab

Electronic Fish Tickets
- Currently required for:
  - Groundfish
  - Halibut

- Voluntary for:
  - Coastal Crab
  - Pink Shrimp
  - Sea Urchins
  - Sea Cucumbers
  - Many more...

- Have not (yet!) been implemented for Puget Sound fisheries.
2019 / 2020 Season Overview – Crab

Electronic Fish Tickets
  - Puget Sound limitations
  - Larger Number of Buyers (>700)
  - Wide array of infrastructure and technological adoption by buyers
  - More buying locations
2019 / 2020 Season Overview – Crab

Electronic Fish Tickets

- Expand Pacific States Marine Fish Commission (PSMFC) e-ticket system access to commercial state crab fisheries.

- Tentative phased implementation.
  1. Buyer outreach and system testing
  2. Voluntary expansion to state commercial buyers
  3. Require all tickets submitted as e-tickets.
2019 / 2020 Season Overview – Crab

Electronic Fish Tickets
- Working with the coastal crab program to cooperatively develop an e-ticket system that works for both our fisheries
- Mobile device capable
- Allow for e-signatures
- Cache tickets to allow for operation in areas with poor network connectivity
- Allow for multiple users
2019 / 2020 Season Overview – Crab

• Electronic Catch Reporting
  • What could it look like? (*Discussion* )
    • Mobile application
    • Desktop / Browser Reporting
    • Geo-referenced / Realtime reporting
  • How can we motivate participation by recreational users? (*Discussion*)
    • Education
    • Ease / Opportunity
2019 / 2020 Season Overview – Crab

• State and Tribal Harvest

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2E</th>
<th>2W</th>
<th>3-1</th>
<th>3-2</th>
<th>3-3</th>
<th>Total</th>
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<tbody>
<tr>
<td><em>State Commercial</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2,630,133</td>
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<tr>
<td></td>
<td>1,678,232</td>
<td>568,216</td>
<td>130,285</td>
<td>43,036</td>
<td>196,737</td>
<td>13,627</td>
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<tr>
<td><em>State Recreational</em></td>
<td></td>
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<td></td>
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<td></td>
<td>1,535,636</td>
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<td>536,598</td>
<td>735,607</td>
<td>94,078</td>
<td>2,610</td>
<td>160,571</td>
<td>6,172</td>
<td></td>
</tr>
<tr>
<td><em>State Total</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4,165,769</td>
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<tr>
<td></td>
<td>2,214,830</td>
<td>1,303,823</td>
<td>224,363</td>
<td>45,646</td>
<td>357,308</td>
<td>19,799</td>
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<tr>
<td><em>Tribal</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3,942,544</td>
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<tr>
<td></td>
<td>2,072,806</td>
<td>1,292,779</td>
<td>220,043</td>
<td>30,799</td>
<td>315,910</td>
<td>10,207</td>
<td></td>
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</table>
2020 / 2021 Season Overview – Crab Test Fishing

Dungeness Crab, Catch Per Standard Pot
Marine Area 13 - 2015 through 2020
2020 / 2021 Season Overview – Crab Test Fishing

Red Rock Crab, Catch Per Standard Pot
Marine area 13 - 2015 through 2020

- Red Rock Males Per Pot
- Red Rock Females Per Pot
2020 / 2021 Season Overview – Crab Test Fishing

Crab Region 6 (Marine Area 11)
Dungeness Crab Catch Per Pot, Puyallup Test Fishery

- Dungeness Legal Male CPUE
- Dungeness Sublegal Male CPUE
- Dungeness Female CPUE
- Total Pounds Harvested


CPUE: Catch Per Unit Effort

Note: CPUE values are measured in pounds per pot.
2020 / 2021 Season Overview – Crab Test Fishing

Crab Region 6 (Marine Area 11)
Red Rock Crab Catch Per Pot, Puyallup Test Fishery

- Red Rock Male CPUE
- Red Rock Female CPUE
2020 / 2021 Season Overview – Crab Test Fishing

Crab Region 4 (Marine Area 10)
Dungeness Crab Catch Per Pot, WDFW Test Fishery

- Dungeness Legal Size Males
- Dungeness Sublegal Males
- Dungeness Females
2020 / 2021 Season Overview – Crab Test Fishing

Crab Region 4 (Marine Area 10)
Red Rock Crab Catch Per Pot, WDFW Test Fishery

- 2019: Red Rock Males
- 2020: Red Rock Males and Red Rock Females
2020 / 2021 Season Overview – Crab

• South Sound Conservation Closure Status
  • MA 11
    • Test fishery complete (Puyallup)
    • Improvement in CPUE of legal male Dungeness
  • MA 13
    • Test fishery complete (WDFW)
    • Minimal improvement in CPUE of legal male Dungeness
    • Dungeness concentrated at 1 of 9 sampled sites – Nisqually
    • No indication that Tribes want to resume Dungeness harvest
2020 / 2021 Season Overview – Crab

• South Sound Alternative Fishing Opportunity Scenario 1
  • Red Rock crab only recreational fishery

• Rules:
  • Same gear specification as currently in place for Dungeness
  • Depth restriction

• Rationales:
  • Provide opportunity for crabbing in areas where none currently exist.
  • Mitigate Dungeness interaction to conserve population
  • Possibly reduce any competitive interactions between the two species.

• Concerns:
  • Bycatch and incidental mortality of Dungeness crab that are currently under conservation protection.
  • Enforcement capacity and enforceability.
2020 / 2021 Season Overview – Crab

• South Sound Alternative Fishing Opportunity Scenario 2
  • Red Rock crab only recreational fishery

• Rules:
  • Crab rings only
  • Depth restriction

• Rationales:
  • Provide opportunity for crabbing in areas where none currently exist.
  • Rings require more active fishing and may mitigate incidental mortality stemming from behavioral interactions between crab.
  • Possibly reduce any competitive interactions between the two species.

• Concerns:
  • Rings catch smaller crab and focusing on this may result in more interaction with younger crab than would occur with a pot fishery.
  • Enforcement capacity and enforceability.
2020 / 2021 Season Overview – Crab

• South Sound Alternative Fishing Opportunity Scenario 3
  • Red Rock crab only recreational fishery

• Rules:
  • No pots or rings.
  • Dive, snorkel, hand-tool (raking), collection by hand only.
  • *De facto* depth restriction < 100ft.

• Rationales:
  • Provide opportunity for crabbing in areas where none currently exist.
  • Eliminates incidental bycatch and handling mortality.
  • Possibly reduce any competitive interactions between the two species.

• Concerns:
  • Enforcement capacity and enforceability.
Crab Pot Escapement Study
November 2, 2015

Northwest Straits Foundation

partners in marine conservation
Derelict Gear – Pot Types

Six recreational pot styles covering breadth of what is commonly used in Puget Sound

- **Danielson**: square collapsible with ring-fall escape
- **Danielson**: octagonal with ramped entry and sidewall door escape
- **SMI**: round with ramped entry and topside door escape
- **Commercial Style Sport**: round with ramped entry and topside lid escape
- **Danielson**: octagonal with topside door escape, without ramps
- **SMI**: round with topside door escape, without ramps
Modification #1: Spring-loaded topside access door with bungee (shock) cord. Tested on:

- **SMI**: round with ramped entry and topside door escape
- **Commercial Style Sport**: round with ramped entry and topside lid escape
- **Danielson**: octagonal with topside door escape, without ramps
- **SMI**: round with topside door escape, without ramps
Derelict Gear – Northwest Straits Found
## Derelict Gear - Northwest Straits Found

<table>
<thead>
<tr>
<th></th>
<th>126 day rot cord (120 ct)</th>
<th></th>
<th>60 day rot cord</th>
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<tbody>
<tr>
<td></td>
<td>Recreational</td>
<td>Commercial</td>
<td>Total</td>
<td>Recreational</td>
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<tr>
<td>PotLoss</td>
<td>12,043</td>
<td>2,192</td>
<td>14,235</td>
<td>12,043</td>
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<tr>
<td>LegalCrabLoss</td>
<td>135,138</td>
<td>43,777</td>
<td>178,915</td>
<td>78,497</td>
</tr>
<tr>
<td>lbs</td>
<td>256,780</td>
<td>83,176</td>
<td>339,956</td>
<td>149,145</td>
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<tr>
<td>ExVesselValue</td>
<td>$903,867</td>
<td>$292,779</td>
<td>$1,196,646</td>
<td>$524,991</td>
</tr>
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</table>

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Savings</td>
<td>Recreational</td>
<td>Commercial</td>
<td>Total</td>
</tr>
<tr>
<td>LegalCrabLoss</td>
<td>56,641</td>
<td>14,354</td>
<td>70,995</td>
</tr>
<tr>
<td>lbs</td>
<td>107,635</td>
<td>27,272</td>
<td>134,907</td>
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<tr>
<td>ExVesselValue</td>
<td>$378,876</td>
<td>$95,997</td>
<td>$474,873</td>
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*Based on 2016 estimates for pot loss and ex-vessel value. Updated report with current estimates is in progress.*

### See Rule Change Drafts
## 2019 / 2020 Season Overview – Rec Shrimp

<table>
<thead>
<tr>
<th>Marine Area</th>
<th>Dates</th>
<th>Days per week</th>
<th>Hours each day</th>
<th>Total Days</th>
<th>Total Harvest</th>
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</thead>
<tbody>
<tr>
<td>MA 4 E of Bonilla-Tatoosh</td>
<td>5/11 - 9/15</td>
<td>7</td>
<td>DL</td>
<td>128</td>
<td>500</td>
</tr>
<tr>
<td>MA 5</td>
<td>5/11 - 9/15</td>
<td>7</td>
<td>DL</td>
<td>128</td>
<td>800</td>
</tr>
<tr>
<td>MA 6 Disco SD</td>
<td>5/11, 5/15, 5/29, 6/1</td>
<td>NA</td>
<td>8</td>
<td>4</td>
<td>1,944</td>
</tr>
<tr>
<td>MA 6 Remainder</td>
<td>5/11-7/14 then 7/15-9/15 daily</td>
<td>4, then 7</td>
<td>DL</td>
<td>101</td>
<td>17,687</td>
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<tr>
<td>MA 7 West</td>
<td>5/11-8/11</td>
<td>4</td>
<td>DL</td>
<td>54</td>
<td>32,451</td>
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<tr>
<td>MA 8-1,MA 8-2</td>
<td>5/11, 5/15</td>
<td>NA</td>
<td>6</td>
<td>2</td>
<td>27,954</td>
</tr>
<tr>
<td>MA 9</td>
<td>5/11, 5/15</td>
<td>NA</td>
<td>4</td>
<td>2</td>
<td>6,844</td>
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<tr>
<td>MA 10 (Bainbridge)</td>
<td>5/11</td>
<td>NA</td>
<td>4</td>
<td>1</td>
<td>5,157</td>
</tr>
<tr>
<td>MA 10 (Elliot Bay)</td>
<td>5/11</td>
<td>NA</td>
<td>6</td>
<td>1</td>
<td>5,451</td>
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<td>MA 11</td>
<td>5/11</td>
<td>NA</td>
<td>6</td>
<td>1</td>
<td>2,549</td>
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<tr>
<td>MA 12 (Hood Canal)</td>
<td>5/11,5/15,5/29,6/1,6/21,6/22,7/23,7/24</td>
<td>NA</td>
<td>4</td>
<td>8</td>
<td>90,812</td>
</tr>
<tr>
<td>MA 13</td>
<td>None</td>
<td>NA</td>
<td>None</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Recreational sector took 68.7% of 2019 State harvest (Policy target 70%).
2019 / 2020 Season Overview – Shrimp

• Recreational: Reference handout with State recreational, State commercial, and Tribal totals to date. Includes EUC.
Management, Methods & Enforcement – Shrimp

• Recreational
  • Harvest Estimate Methods

• 2019/2020 Methods – Methods comparison

• 2020/2021 Methods
  • More
2019 Method Comparison Experiment
Management, Methods & Enforcement – Shrimp

• Recreational
  • Harvest Estimate Methods

• 2019/2020 Methods – Methods comparison

• 2020/2021 Methods
  • More aerial surveys
  • Method comparison in Marine Area 10
Management, Methods & Enforcement – Shrimp

• Season Setting

• Advisor Group Recreational Season Setting Framework
  • What factors are important for setting recreational shrimp dates?
2020 / 2021 Season Overview – Shrimp

• Test Fishery Dates

  • MA 7 West on March 17-18
  • MA 8/9/10 on March 24-26
  • MA 11/13 on March 31-April 1
  • MA 12 on April 8-16
  • Discovery Bay on April 20-21
# 2020 / 2021 Season Overview – Shrimp

<table>
<thead>
<tr>
<th>Marine Area</th>
<th>Preliminary 2020 State Share</th>
<th>2019 Overage</th>
<th>2020 Adjusted State Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA 4 E of Bonilla-Tatoosh</td>
<td>1,000</td>
<td>0</td>
<td>1,000</td>
</tr>
<tr>
<td>MA 5</td>
<td>2,000</td>
<td>0</td>
<td>2,000</td>
</tr>
<tr>
<td>MA 6 Disco SD</td>
<td>2,000</td>
<td>873</td>
<td>1,127</td>
</tr>
<tr>
<td>MA 6 Remainder</td>
<td>83,500</td>
<td>0</td>
<td>83,500</td>
</tr>
<tr>
<td>MA 7 West</td>
<td>40,000</td>
<td>863</td>
<td>39,137</td>
</tr>
<tr>
<td>MA 7 South</td>
<td>37,000</td>
<td>0</td>
<td>37,000</td>
</tr>
<tr>
<td>MA 7 East</td>
<td>7,000</td>
<td>348</td>
<td>6,652</td>
</tr>
<tr>
<td>MA 8-1, MA 8-2</td>
<td>23,000</td>
<td>11,186</td>
<td>11,814</td>
</tr>
<tr>
<td>MA 9</td>
<td>7,500</td>
<td>0</td>
<td>7,500</td>
</tr>
<tr>
<td>MA 10 (Bainbridge)</td>
<td>5,500</td>
<td>0</td>
<td>5,500</td>
</tr>
<tr>
<td>MA 10 (Elliot Bay)</td>
<td>5,500</td>
<td>0</td>
<td>5,500</td>
</tr>
<tr>
<td>MA 11</td>
<td>5,000</td>
<td>0</td>
<td>5,000</td>
</tr>
<tr>
<td>MA 12 (Hood Canal)</td>
<td>95,000</td>
<td>0</td>
<td>95,000</td>
</tr>
<tr>
<td>MA 13</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
2020 / 2021 Season Overview – Shrimp

• Recreational Shrimp Dates

<table>
<thead>
<tr>
<th>MA</th>
<th>Region(s)</th>
<th>Dates</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>3</td>
<td>May 3 - Sept 15</td>
<td>7 days/week</td>
</tr>
<tr>
<td>5</td>
<td>3</td>
<td>May 3 - Sept 15</td>
<td>7 days/week</td>
</tr>
<tr>
<td>6, DB*</td>
<td>3</td>
<td>May 3, 6, 13</td>
<td>Sun, Wed, Wed</td>
</tr>
<tr>
<td>6, No DB*</td>
<td>3</td>
<td>May 3, 13,14,15,16,28,29,30</td>
<td>Sun, Wed - Sat, Thurs – Sat</td>
</tr>
<tr>
<td>7 South</td>
<td>3</td>
<td>May 3, 13,14,15,16,28,29,30</td>
<td>Sun, Wed - Sat, Thurs – Sat</td>
</tr>
<tr>
<td>7 East</td>
<td>1</td>
<td>May 3, 13,14,15,16,28,29,30</td>
<td>Sun, Wed - Sat, Thurs – Sat</td>
</tr>
<tr>
<td>7 West</td>
<td>1</td>
<td>May 3, 13,14,15,16,28,29,30; June 1 - Sept 15 (or until quota reached)</td>
<td>Sun, Wed – Sat; 4 days/week</td>
</tr>
<tr>
<td>8-1/8-2</td>
<td>2E</td>
<td><strong>May 16</strong></td>
<td>Sat Only</td>
</tr>
<tr>
<td>9</td>
<td>2W</td>
<td><strong>May 16</strong></td>
<td>Sat Only</td>
</tr>
<tr>
<td>10</td>
<td>4</td>
<td><strong>May 16</strong></td>
<td>Sat Only</td>
</tr>
<tr>
<td>11</td>
<td>6</td>
<td><strong>May 16</strong></td>
<td>Sat Only</td>
</tr>
<tr>
<td>12</td>
<td>5</td>
<td>May 3, 6, 16, 20, 30</td>
<td>Sun, Wed, Sat, Wed, Sat</td>
</tr>
</tbody>
</table>
Other Items

• Fish & Wildlife Commission
  • Tribal Date Flexibility Request

Tribal initiatives that would require policy revision

1. Change Crab Policy to allow 1-week closure periods, rotated between crab management regions, to allow for longer windows for exclusive tribal crab openings during the summer.

1. Provide flexibility in Crab Policy for WDFW managers to change fishing schedules in-season.

1. In areas with high recreational catch, change Crab Policy to allow crabbing for 4 days per week to limit recreational catch and provide 3 exclusive harvest days for tribes.

1. Change Crab Policy to allow commercial clean-up fisheries following recreational harvest in all Crab Regions. This would provide more flexibility to increase quotas at the end of the recreational season, if abundance supports an increase.

Tribal initiatives that would not require policy revision

1. Coordinate with tribes annually in order to discuss and identify crab (and shrimp) recreational fisheries open and close dates.

1. Require two recreational reporting periods during the summer recreational fishery; one mid-season and one at the end of the summer season. The addition of the mid-season catch reporting would help both the state and the tribes with adjusting schedules and strengthening seasonal harvest expectations.

2. Expand creel surveys and collect crab weight measurements to improve recreational catch estimates.
Other Items

- Fish & Wildlife Commission
- Tribal Date Flexibility Request
Other Items
- Fish & Wildlife Commission
- Tribal Date Flexibility Request
Website – Advisory Committee Page

• What information to include?
  • Historical harvest data and/or test fishery data
  • Past meeting information – meeting minutes
  • Annual reports made to the Commission and Legislature
  • Other items?
Website – Species Pages

• Prioritize classified species first (potentially harvestable)
• Add the invasives and common unclassified species next
• Information to include:
  • Photos for identification
  • Life history information
  • Habitat within State waters
  • Classified species vs unclassified species (unclassified are not harvestable)
  • Other?
Website – Season Information

• Crab
  • Public and WDFW customer service tend to like tabular view and format
• Shrimp
  • Will likely format this like the crab seasons page for the upcoming year
Website – Commercial Information

• Crab
  • This page already exists and regularly visited by the commercial fleet.
  • Do recreational advisors and the general public use the information here?

• Shrimp
  • Page to be developed.
  • Would advisors and general public use the information?
Website – Data Explorer

- Crab
- Shrimp
Website – Recreational User Engagement

• What other ways can we engage and educate recreational users?
Wrap-up & Take Aways

- What other ways can we engage and educate recreational users?