Table 1a. Observer coverage level goals in the Bering Sea and Aleutian Islands crab fisheries.

Table 1b. FY23 Observer coverage levels by fishery.

**Bristol Bay and Bering Sea**

Table 2. Summary of FY23 Bristol Bay red king crab test-fishery account revenues and expenses.

Table 3. Number and % of registered catcher vessels selected for observer coverage for Bering Sea crab fisheries.

Table 4. Comparison of projected and actual observer deployment and program support costs funded with Bristol Bay test-fishery revenues.

Table 5. The 2022/23 Bristol Bay red king crab fishery C/V observer deployment costs paid with test-fishery revenues, and average observer deployment lengths since 2017/18.

Table 6. The 2022/23 Bering Sea snow crab fishery C/V observer deployment costs paid with test-fishery revenues, and average observer deployment lengths since 2017/18.

Table 7. The 2022/23 Eastern Bering Sea Tanner crab fishery C/V observer deployment costs paid with test-fishery revenues, and average observer deployment lengths since 2017/18.

Table 8. The 2022/23 Western Bering Sea Tanner crab fishery C/V observer deployment costs paid with test-fishery revenues, and average observer deployment lengths since 2017/18.

Table 9. The 2022/23 Bristol Bay red king crab, Eastern and Western Bering Sea Tanner crab, and Bering Sea snow crab catcher-processor observer deployment costs paid with test-fishery revenues.

Table 10. Summary of FY23 Bering Sea crab fisheries C/V and C/P observer deployment and program support costs paid with Bristol Bay red king crab test-fishery revenues.

**Aleutian Islands**

Table 11. Summary of FY23 Aleutian Islands golden king crab test-fishery account revenues and expenses.

Table 12. Comparison of projected and actual observer deployment and program support costs funded with Aleutian Islands test-fishery revenues.

Table 13. Summary of FY23 Aleutian Islands golden king crab fisheries observer deployment and program support costs paid with Eastern Aleutian Islands golden king crab test-fishery revenues.
Table 1. Observer coverage level goals in the Bering Sea and Aleutian Islands crab fisheries.

<table>
<thead>
<tr>
<th>Fishery</th>
<th>Preseason registration deadline</th>
<th>Catcher vessels (C/V) Observer coverage</th>
<th>Observer costs funded</th>
<th>Catcher processors (C/P) Observer coverage</th>
<th>Observer costs funded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saint Matthew Island Section blue king crab (SMB)</td>
<td>none</td>
<td>100%</td>
<td>no</td>
<td>100%</td>
<td>no</td>
</tr>
<tr>
<td>Saint Matthew Island Section golden king crab</td>
<td>none</td>
<td>100%</td>
<td>no</td>
<td>100%</td>
<td>no</td>
</tr>
<tr>
<td>Pribilof District red &amp; blue king crab (PIK)</td>
<td>none</td>
<td>100%</td>
<td>no</td>
<td>100%</td>
<td>no</td>
</tr>
<tr>
<td>Pribilof District golden king crab</td>
<td>none</td>
<td>100%</td>
<td>no</td>
<td>100%</td>
<td>no</td>
</tr>
<tr>
<td>Bristol Bay red king crab (BBR)</td>
<td>Sep-24</td>
<td>20%</td>
<td>no</td>
<td>100%</td>
<td>20%</td>
</tr>
<tr>
<td>Eastern Bering Sea Tanner crab (EBT)</td>
<td>Sep-24</td>
<td>30–100%</td>
<td>yes</td>
<td>100%</td>
<td>30%</td>
</tr>
<tr>
<td>Western Bering Sea Tanner crab (WBT)</td>
<td>Sep-24</td>
<td>30–100%</td>
<td>yes</td>
<td>100%</td>
<td>30%</td>
</tr>
<tr>
<td>Bering Sea snow crab (BSS)</td>
<td>Sep-24</td>
<td>30–100%</td>
<td>yes</td>
<td>100%</td>
<td>30%</td>
</tr>
<tr>
<td>Bering Sea hair crab</td>
<td>none</td>
<td>100%</td>
<td>no</td>
<td>100%</td>
<td>no</td>
</tr>
<tr>
<td>Area J grooved and triangle Tanner crab</td>
<td>none</td>
<td>100%</td>
<td>no</td>
<td>100%</td>
<td>no</td>
</tr>
<tr>
<td>Eastern Aleutian Islands golden king crab (EAG)</td>
<td>none</td>
<td>50%</td>
<td>yes</td>
<td>100%</td>
<td>no</td>
</tr>
<tr>
<td>Western Aleutian Islands golden king crab (WAG)</td>
<td>none</td>
<td>50%</td>
<td>yes</td>
<td>100%</td>
<td>no</td>
</tr>
<tr>
<td>Aleutian Islands red king crab between 171° W long and 179° W long</td>
<td>none</td>
<td>100%</td>
<td>no</td>
<td>100%</td>
<td>no</td>
</tr>
<tr>
<td>Western Aleutian Islands red king crab west of 179° W long (WAI)</td>
<td>none</td>
<td>100%</td>
<td>no</td>
<td>100%</td>
<td>no</td>
</tr>
</tbody>
</table>

* When the preseason vessel registration deadline occurs on a weekend or holiday, the deadline is extended to the next business day.

b For Bristol Bay red king, Eastern and Western Bering Sea Tanner, and Bering Sea snow crab, C/V observer coverage is the percentage of randomly selected C/Vs preseason registered for each fishery where C/V observer deployment costs are paid with Bristol Bay red king crab test-fishery revenues and federal crab rationalization funds.

c For Bristol Bay red king, Eastern and Western Bering Sea Tanner, and Bering Sea snow crab, C/V observer coverage is funded with test-fishery revenues and federal crab rationalization funds.

d For C/Ps fishing Bristol Bay red king, Eastern and Western Bering Sea Tanner, and Bering Sea snow crab, a percentage of the C/P observer coverage is refunded through ADF&G contracts and paid with Bristol Bay red king crab test-fishery revenues.

e For Aleutian Islands golden king crab, coverage is set at a percentage of the harvest on each C/V during each of three trimesters where C/V observer deployment costs are paid with Aleutian Islands golden king crab test-fishery revenues.
Table 1b. FY23 Observer coverage levels by fishery.

<table>
<thead>
<tr>
<th>Fishery</th>
<th>2022/23 BBR Observed Summary *fishery closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Observers Onboard</td>
<td>Landed Weight</td>
</tr>
<tr>
<td>Not Observed</td>
<td></td>
</tr>
<tr>
<td>Observed</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fishery</th>
<th>2022/23 BSS Observed Summary *fishery closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Observers Onboard</td>
<td>Landed Weight</td>
</tr>
<tr>
<td>Not Observed</td>
<td></td>
</tr>
<tr>
<td>Observed</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fishery</th>
<th>2022/23 WBT Observed Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Observers Onboard</td>
<td>Landed Weight</td>
</tr>
<tr>
<td>Not Observed</td>
<td>412,671</td>
</tr>
<tr>
<td>Observed</td>
<td>434,730</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fishery</th>
<th>2022/23 EBT Observed Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Observers Onboard</td>
<td>Landed Weight</td>
</tr>
<tr>
<td>Not Observed</td>
<td>689,756</td>
</tr>
<tr>
<td>Observed</td>
<td>475,141</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fishery</th>
<th>2022/23 EAG Observed Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Observers Onboard</td>
<td>Landed Weight (sum)</td>
</tr>
<tr>
<td>1st Trimester</td>
<td></td>
</tr>
<tr>
<td>Observed</td>
<td>1,039,919</td>
</tr>
<tr>
<td>2nd Trimester</td>
<td></td>
</tr>
<tr>
<td>Observed</td>
<td>1,188,504</td>
</tr>
<tr>
<td>3rd Trimester</td>
<td></td>
</tr>
<tr>
<td>Observed</td>
<td>1,092,637</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fishery</th>
<th>2022/23 WAG Observed Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Observers Onboard</td>
<td>Landed Weight (sum)</td>
</tr>
<tr>
<td>1st Trimester</td>
<td></td>
</tr>
<tr>
<td>Observed</td>
<td>536,093</td>
</tr>
<tr>
<td>2nd Trimester</td>
<td></td>
</tr>
<tr>
<td>Observed</td>
<td>843,630</td>
</tr>
<tr>
<td>3rd Trimester</td>
<td></td>
</tr>
<tr>
<td>Observed</td>
<td>349,492</td>
</tr>
</tbody>
</table>
Table 2. Summary of FY23 Bristol Bay red king crab test-fishery account revenues and expenses.

<table>
<thead>
<tr>
<th>Bering Sea test-fishery budget allocation</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Test-fishery account balance carried forward from FY22 into FY23</td>
<td>$ 967,700</td>
</tr>
<tr>
<td>Test-fishery revenue</td>
<td>$ 425,000</td>
</tr>
<tr>
<td>Sum of carry forward and revenue</td>
<td>$ 1,392,700</td>
</tr>
<tr>
<td>Test-fishery expenditures</td>
<td>$ 197,050</td>
</tr>
<tr>
<td>Test-fishery account funds to be carried forward from FY23 for start up funds in FY24</td>
<td>$ 1,195,650</td>
</tr>
</tbody>
</table>
Table 3. Number and % of registered catcher vessels selected for observer coverage for Bering Sea crab fisheries.

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>BBR</th>
<th>BSS</th>
<th>EBT</th>
<th>WBT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td># C/Vs preseason registered</td>
<td># C/Vs registered</td>
<td>% C/Vs observed</td>
<td># C/Vs preseason registered</td>
</tr>
<tr>
<td>FY18</td>
<td>78</td>
<td>61</td>
<td>16</td>
<td>26</td>
</tr>
<tr>
<td>FY19</td>
<td>72</td>
<td>55</td>
<td>13</td>
<td>24</td>
</tr>
<tr>
<td>FY20</td>
<td>77</td>
<td>59</td>
<td>14</td>
<td>24</td>
</tr>
<tr>
<td>FY21</td>
<td>72</td>
<td>47</td>
<td>11</td>
<td>23</td>
</tr>
<tr>
<td>FY22</td>
<td>51</td>
<td>FC</td>
<td>FC</td>
<td>FC</td>
</tr>
<tr>
<td>FY23</td>
<td>54</td>
<td>FC</td>
<td>FC</td>
<td>FC</td>
</tr>
</tbody>
</table>

Note: BBR = Bristol Bay red king crab, BSS = Bering Sea snow crab, EBT = Eastern Bering Sea Tanner crab, WBT = Western Bering Sea Tanner crab, C/V = Catcher vessel, NP = No projection, and FC = Fishery closed.

* Selection of C/Vs for observer coverage is based on the number of C/Vs preseason registered with intent to fish. The deadline for preseason registration is September 24. Vessels are allowed to late-register if certain criteria are met.

* Beginning October 15, 2008 vessels may no longer be registered to harvest Bering Sea Tanner crab and Bering Sea snow crab at the same time aside from a 5% incidental take allowance.

* Some C/Vs were allowed to carry an observer for only a portion of their snow or Tanner crab harvest dependent on vessel fishing plans and observer availability; the % C/Vs observed may not match the % harvest observed.
Table 4. Observer deployment and program support costs funded with Bristol Bay test-fishery revenues. This table does not reflect observer program costs paid with crab rationalization federal fee reimbursements.

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>BBR C/V</th>
<th>BSS C/V</th>
<th>EBT WBT C/V</th>
<th>BBR, BSS, EBT, and WBT C/P</th>
<th>Office overhead</th>
<th>Admin</th>
<th>Cost-rec</th>
<th>Office personnel</th>
<th>Total expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY18</td>
<td>$38,328</td>
<td>$73,761</td>
<td>$27,127</td>
<td>$19,539</td>
<td>$35,052</td>
<td>$4,593</td>
<td>$8,275</td>
<td>$303,106</td>
<td>$509,781</td>
</tr>
<tr>
<td>FY19</td>
<td>$30,644</td>
<td>$124,064</td>
<td>$34,183</td>
<td>$10,946</td>
<td>$718</td>
<td>$5,913</td>
<td>$6,004</td>
<td>$341,951</td>
<td>$554,423</td>
</tr>
<tr>
<td>FY20</td>
<td>$35,491</td>
<td>$179,422</td>
<td>FC</td>
<td>$13,299</td>
<td>$11,445</td>
<td>$5,024</td>
<td>$3,700</td>
<td>$230,092</td>
<td>$478,473</td>
</tr>
<tr>
<td>FY21</td>
<td>$17,503</td>
<td>$143,433</td>
<td>$17,295</td>
<td>$22,608</td>
<td>$3,572</td>
<td>$2,238</td>
<td>$5,377</td>
<td>$196,959</td>
<td>$408,984</td>
</tr>
<tr>
<td>FY22</td>
<td>-</td>
<td>$37,018</td>
<td>$20,570</td>
<td>$2,558</td>
<td>$110</td>
<td>-</td>
<td>$4,004</td>
<td>$197,849</td>
<td>$262,218</td>
</tr>
<tr>
<td>FY23</td>
<td>-</td>
<td>-</td>
<td>$20,018</td>
<td>-</td>
<td>$2,668</td>
<td>$2,909</td>
<td>$2,840</td>
<td>$148,181</td>
<td>$176,616</td>
</tr>
</tbody>
</table>

% observer C/V deployment costs by fishery

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>BBR</th>
<th>BSS</th>
<th>WBT/EBT</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY20</td>
<td>16%</td>
<td>84%</td>
<td>FC</td>
</tr>
<tr>
<td>FY21</td>
<td>10%</td>
<td>80%</td>
<td>10%</td>
</tr>
<tr>
<td>FY22</td>
<td>0%</td>
<td>64%</td>
<td>36%</td>
</tr>
<tr>
<td>FY23</td>
<td>0%</td>
<td>0%</td>
<td>100%</td>
</tr>
</tbody>
</table>
### Table 5. The 2022/23 Bristol Bay red king crab fishery C/V observer deployment costs paid with test-fishery revenues, and average observer deployment lengths since 2017/18.

<table>
<thead>
<tr>
<th>Source of Cost</th>
<th>ADF&amp;G</th>
<th>SOA contract</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of deployments</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Observer deployment days</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Cost of observers</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Expenses per source between Anchorage and Dutch Harbor for transportation, and room and board</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Expenses per source between Dutch Harbor and remote ports for transportation, and room and board</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
</tbody>
</table>

### Average C/V observer deployment lengths since 2017/18

<table>
<thead>
<tr>
<th>Season</th>
<th>Fishery length (days)</th>
<th>Average deployment length (days)</th>
<th>Deployment duration range (days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017/18</td>
<td>93</td>
<td>18</td>
<td>8-32</td>
</tr>
<tr>
<td>2018/19</td>
<td>93</td>
<td>18</td>
<td>7-23</td>
</tr>
<tr>
<td>2019/20</td>
<td>93</td>
<td>17</td>
<td>7-25</td>
</tr>
<tr>
<td>2020/21</td>
<td>93</td>
<td>11</td>
<td>6-23</td>
</tr>
<tr>
<td>2021/22</td>
<td>FC</td>
<td>FC</td>
<td>FC</td>
</tr>
<tr>
<td>2022/23</td>
<td>FC</td>
<td>FC</td>
<td>FC</td>
</tr>
</tbody>
</table>

**Note:** BBR = Bristol Bay red king crab, C/V = Catcher vessel

1. **ADF&G staff lodge in state housing when available. Costs for contract observer transportation and room and board, except travel to remote ports, are included in the contract cost of $420/day.**
2. **Observers frequently deploy more than once during a fishery.**
3. **Range includes the single shortest observer deployment to the single longest deployment.**
Table 6. The 2022/23 Bering Sea snow crab fishery C/V observer deployment costs paid with test-fishery revenues, and average observer deployment lengths since 2017/18.

<table>
<thead>
<tr>
<th>Source of Cost</th>
<th>ADF&amp;G</th>
<th>SOA contract</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of deployments</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Observer deployment days</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Cost of observers (^a)</td>
<td>$-</td>
<td>$-</td>
<td>$-</td>
</tr>
<tr>
<td>Expenses per source between Anchorage and Dutch Harbor for transportation, and room and board (^a)</td>
<td>$-</td>
<td>$-</td>
<td>$-</td>
</tr>
<tr>
<td>Expenses per source between Dutch Harbor and remote ports for transportation, and room and board (^b)</td>
<td>$-</td>
<td>$-</td>
<td>$-</td>
</tr>
<tr>
<td>Total observer personnel (^f)</td>
<td>$-</td>
<td>$-</td>
<td>$-</td>
</tr>
<tr>
<td>Total non-remote</td>
<td>$-</td>
<td>$-</td>
<td>$-</td>
</tr>
<tr>
<td>Total remote</td>
<td>$-</td>
<td>$-</td>
<td>$-</td>
</tr>
<tr>
<td>Total costs</td>
<td>$-</td>
<td>$-</td>
<td>$-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Season</th>
<th>Fishery length (days)</th>
<th>Average deployment length (days) (^c)</th>
<th>Deployment duration range (days) (^d)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017/18</td>
<td>229</td>
<td>40</td>
<td>17-75</td>
</tr>
<tr>
<td>2018/19</td>
<td>229</td>
<td>39</td>
<td>4-86</td>
</tr>
<tr>
<td>2019/20</td>
<td>229</td>
<td>57</td>
<td>15-103</td>
</tr>
<tr>
<td>2020/21</td>
<td>229</td>
<td>60</td>
<td>12-144</td>
</tr>
<tr>
<td>2021/22</td>
<td>229</td>
<td>27</td>
<td>5-58</td>
</tr>
<tr>
<td>2022/23</td>
<td>FC</td>
<td>FC</td>
<td>FC</td>
</tr>
</tbody>
</table>

Note: BSS = Bering Sea snow crab, C/V = Catcher vessel

\(^a\)ADF&G staff lodge in state housing when available. Costs for contract observer transportation and room and board, except travel to remote ports, are included in the contract cost of $420/day.

\(^b\)Observers frequently deploy more than once during a fishery.

\(^c\)Range includes the single shortest observer deployment to the single longest deployment.
Table 7. The 2022/23 Eastern Bering Sea Tanner crab fishery C/V observer deployment costs paid with test-fishery revenues, and average observer deployment lengths since 2017/18.

<table>
<thead>
<tr>
<th>Source of Cost</th>
<th>ADF&amp;G</th>
<th>SOA contract</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of deployments</td>
<td>1</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>Observer deployment days</td>
<td>9</td>
<td>113</td>
<td>122</td>
</tr>
<tr>
<td>Cost of observers $</td>
<td>$ -</td>
<td>$ 15,818</td>
<td>$ 15,818</td>
</tr>
<tr>
<td>Expenses per source between Anchorage and Dutch Harbor for transportation, and room and board</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Expenses per source between Dutch Harbor and remote ports for transportation, and room and board</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Total observer personnel</td>
<td>$ -</td>
<td>$ 15,818</td>
<td>$ 15,818</td>
</tr>
<tr>
<td>Total non-remote</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Total remote</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Total costs</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Season</th>
<th>Fishery length (days)</th>
<th>Average deployment length (days)</th>
<th>Deployment duration range (days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017/18</td>
<td>FC</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>2018/19</td>
<td>FC</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>2019/20</td>
<td>FC</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>2020/21</td>
<td>FC</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>2021/22</td>
<td>FC</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>2022/23</td>
<td>168</td>
<td>15</td>
<td>5-25</td>
</tr>
</tbody>
</table>

Note: EBT = Eastern Bering Sea Tanner crab, C/V = Catcher vessel, FC = Fishery closed, NA = Not applicable

$ADF&G staff lodge in state housing when available. Costs for contract observer transportation and room and board, except travel to remote ports, are included in the contract cost of $420/day.

*Observers frequently deploy more than once during a fishery.

Range includes the single shortest observer deployment to the single longest deployment.
Table 8. The 2022/23 Western Bering Sea Tanner crab fishery C/V observer deployment costs paid with test-fishery revenues, and average observer deployment lengths since 2017/18.

<table>
<thead>
<tr>
<th>Source of Cost</th>
<th>ADF&amp;G</th>
<th>SOA contract</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of deployments</td>
<td>1</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>Observer deployment days</td>
<td>23</td>
<td>143</td>
<td>166</td>
</tr>
<tr>
<td>Cost of observers $^a$</td>
<td>-</td>
<td>$20,018$</td>
<td>$20,018$</td>
</tr>
<tr>
<td>Expenses per source between Anchorage and Dutch Harbor for transportation, and room and board $^a$</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Expenses per source between Dutch Harbor and remote ports for transportation, and room and board</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Total observer personnel</td>
<td>-</td>
<td>-</td>
<td>$20,018$</td>
</tr>
<tr>
<td>Total non-remote</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Total remote</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Total costs</td>
<td>-</td>
<td>-</td>
<td>$20,018$</td>
</tr>
</tbody>
</table>

Average C/V observer deployment lengths since 2017/18

<table>
<thead>
<tr>
<th>Season</th>
<th>Fishery length (days)</th>
<th>Average deployment length (days) $^c$</th>
<th>Deployment duration range (days) $^d$</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017/18</td>
<td>168</td>
<td>18</td>
<td>7-73</td>
</tr>
<tr>
<td>2018/19</td>
<td>168</td>
<td>17</td>
<td>4-27</td>
</tr>
<tr>
<td>2019/20</td>
<td>FC</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>2020/21</td>
<td>168</td>
<td>21</td>
<td>12-34</td>
</tr>
<tr>
<td>2021/22</td>
<td>168</td>
<td>17</td>
<td>10-25</td>
</tr>
<tr>
<td>2022/23</td>
<td>168</td>
<td>21</td>
<td>7-36</td>
</tr>
</tbody>
</table>

Note: WBT = Western Bering Sea Tanner crab, C/V = Catcher vessel, FC = Fishery closed, NA = Not applicable

$^a$ ADF&G staff lodge in state housing when available. Costs for contract observer transportation and room and board, except travel to remote ports, are included in the contract cost of $420/day.

$^c$ Observers frequently deploy more than once during a fishery.

$^d$ Range includes the single shortest observer deployment to the single longest deployment.
Table 9. The 2022/23 Bristol Bay red king crab, Eastern and Western Bering Sea Tanner crab, and Bering Sea snow crab catcher-processor observer deployment costs paid with test-fishery revenues.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of deployments</td>
<td>0</td>
</tr>
<tr>
<td>Observer deployment days</td>
<td>0</td>
</tr>
<tr>
<td>Cost of observers</td>
<td>$-</td>
</tr>
</tbody>
</table>
Table 10. Summary of FY23 Bering Sea crab fisheries C/V and C/P observer deployment and program support costs paid with Bristol Bay red king crab test-fishery revenues.

<table>
<thead>
<tr>
<th>Source of Cost</th>
<th>ADF&amp;G</th>
<th>Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OBSERVER DEPLOYMENT COSTS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of deployments</td>
<td>-</td>
<td>16</td>
</tr>
<tr>
<td>Observer deployment days</td>
<td>-</td>
<td>288</td>
</tr>
<tr>
<td>Cost of observers</td>
<td>$</td>
<td>$ 35,836</td>
</tr>
<tr>
<td>Non-remote deployment expenses</td>
<td>$</td>
<td>$ -</td>
</tr>
<tr>
<td>Remote deployment expenses</td>
<td>$</td>
<td>$ -</td>
</tr>
<tr>
<td>Total deployments</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>Total deployment days</td>
<td>288</td>
<td></td>
</tr>
<tr>
<td>Total observer personnel</td>
<td>$</td>
<td>$ 35,836</td>
</tr>
<tr>
<td>Total non-remote</td>
<td>$</td>
<td>-</td>
</tr>
<tr>
<td>Total remote</td>
<td>$</td>
<td>-</td>
</tr>
<tr>
<td>Total deployment costs</td>
<td>$</td>
<td>35,836</td>
</tr>
</tbody>
</table>

| **OBSERVER PROGRAM SUPPORT COSTS**                 |       |          |
| Office overhead (supplies, equipment, phone, internet) |       |          |
| Total supplies and equipment                       |       | $ 2,668  |
| Administrative, travel and per diem                |       | $ 2,909  |
| Cost-recovery test fishery (personnel)             |       | $ 2,840  |
| Office personnel salaries and benefits             |       | $ 148,181|
| Total program support costs                        |       | $ 156,598|
| Bristol Bay test-fishery budget expenditures       |       | $ 192,435|
Table 11. Summary of FY23 Aleutian Islands golden king crab test-fishery account revenues and expenses.

<table>
<thead>
<tr>
<th>Observer program test fishery budget allocation</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Test-fishery account balance carried forward from FY22 into FY23</td>
<td>$171,100</td>
</tr>
<tr>
<td>Test-fishery revenue</td>
<td>$350,000</td>
</tr>
<tr>
<td>Sum of carry forward and revenue</td>
<td>$521,100</td>
</tr>
<tr>
<td>Test-fishery expenditures</td>
<td>$139,200</td>
</tr>
<tr>
<td>Test-fishery account funds to be carried forward from FY23 for start up funds in FY24</td>
<td>$381,900</td>
</tr>
</tbody>
</table>
Table 12. Observer deployment and program support costs funded with Aleutian Islands test-fishery revenues.

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>EAG and WAG C/V</th>
<th>Office overhead</th>
<th>Admin</th>
<th>Cost-rec</th>
<th>Office personnel</th>
<th>Total expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY18</td>
<td>$177,731</td>
<td>$-</td>
<td>$-</td>
<td>$3,410</td>
<td>$129,332</td>
<td>$310,473</td>
</tr>
<tr>
<td>FY19</td>
<td>$158,492</td>
<td>$6,168</td>
<td>$-</td>
<td>$6,004</td>
<td>$85,022</td>
<td>$255,685</td>
</tr>
<tr>
<td>FY20</td>
<td>$177,047</td>
<td>$4,068</td>
<td>$-</td>
<td>$2,225</td>
<td>$92,541</td>
<td>$275,881</td>
</tr>
<tr>
<td>FY21</td>
<td>$191,642</td>
<td>$-</td>
<td>$569</td>
<td>$4,824</td>
<td>$106,281</td>
<td>$303,316</td>
</tr>
<tr>
<td>FY22</td>
<td>$151,333</td>
<td>$262</td>
<td>$-</td>
<td>$-</td>
<td>$197,849</td>
<td>$349,444</td>
</tr>
<tr>
<td>FY23</td>
<td>$132,000</td>
<td>$-</td>
<td>$-</td>
<td>$-</td>
<td>$-</td>
<td>$132,000</td>
</tr>
</tbody>
</table>

Note: EAG = Eastern Aleutian Islands golden king crab, WAG = Western Aleutian Islands golden king crab, and C/V = Catcher vessel.
Table 13. Summary of FY23 Aleutian Islands golden king crab fisheries observer deployment and program support costs paid with Eastern Aleutian Islands golden king crab test-fishery revenues.

<table>
<thead>
<tr>
<th>Source of Cost</th>
<th>ADF&amp;G</th>
<th>Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OBSERVER DEPLOYMENT COSTS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of deployments</td>
<td>-</td>
<td>8</td>
</tr>
<tr>
<td>Total deployments</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Observer deployment days</td>
<td>-</td>
<td>330</td>
</tr>
<tr>
<td>Total deployment days</td>
<td></td>
<td>330</td>
</tr>
<tr>
<td>Cost of observers</td>
<td>$  -</td>
<td>$132,000</td>
</tr>
<tr>
<td>Total observer personnel</td>
<td></td>
<td>$132,000</td>
</tr>
<tr>
<td>Remote deployment expenses</td>
<td>$  -</td>
<td></td>
</tr>
<tr>
<td>Total remote</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total deployment costs</td>
<td></td>
<td>$132,000</td>
</tr>
<tr>
<td><strong>PROGRAM SUPPORT COSTS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Office overhead (supplies, equipment, phone, internet)</td>
<td>$  -</td>
<td></td>
</tr>
<tr>
<td>Total supplies and equipment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administrative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel and per diem</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total administration</td>
<td>$  -</td>
<td></td>
</tr>
<tr>
<td>Cost-recovery test fishery (personnel)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total cost-recovery</td>
<td>$  -</td>
<td></td>
</tr>
<tr>
<td>Office personnel salaries and benefits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total office personnel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total program support costs</td>
<td>$  -</td>
<td></td>
</tr>
<tr>
<td>Aleutian Islands test-fishery account expenditures</td>
<td>$132,000</td>
<td></td>
</tr>
</tbody>
</table>