DOCUMENT SAC-15 INF-A(h)

2023 ANNUAL SCIENTIFIC OBSERVER REPORT FOR KOREA
LONGLINE FISHERY IN THE ANTIGUA CONVENTION AREA
### FLEET INFORMATION (vessels >20m LOA)

<table>
<thead>
<tr>
<th>Period covered</th>
<th>Both set types combined</th>
<th>Shallow sets (&lt;15 HPB/HBF or &lt;100m max hook depth)</th>
<th>Deep sets (≥15 HPB/HBF or ≥100m max hook depth)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date range</td>
<td>From</td>
<td>To</td>
<td>From</td>
</tr>
<tr>
<td>Day Month Year</td>
<td>Day</td>
<td>Month</td>
<td>Year</td>
</tr>
<tr>
<td>1 JAN 2023</td>
<td>Select</td>
<td>Select</td>
<td>Select</td>
</tr>
<tr>
<td>1 JAN 2024</td>
<td>Select</td>
<td>Select</td>
<td>Select</td>
</tr>
<tr>
<td>Longitude</td>
<td>119 37 W 149 59 W</td>
<td>W</td>
<td>W</td>
</tr>
<tr>
<td></td>
<td>15 25 S 5 26 N</td>
<td>Select</td>
<td>Select</td>
</tr>
<tr>
<td>Total Fleet</td>
<td>No. of vessels that fished</td>
<td>76</td>
<td>16</td>
</tr>
<tr>
<td>No. of trips</td>
<td>No. of effective days fishing</td>
<td>12,065</td>
<td>692</td>
</tr>
<tr>
<td></td>
<td>No. of sets</td>
<td>10,990</td>
<td>618</td>
</tr>
<tr>
<td>Predominant² hook type/size (IATTC IATTC code)</td>
<td>C-14 &amp; C-15</td>
<td>C-14 &amp; C-15</td>
<td>C-14 &amp; C-15</td>
</tr>
<tr>
<td>Predominant³ bait type³</td>
<td>SQ &amp; A &amp; F</td>
<td>SQ &amp; A &amp; F</td>
<td>Select</td>
</tr>
<tr>
<td></td>
<td>SQ &amp; A &amp; F</td>
<td>SQ &amp; A &amp; F</td>
<td>Select</td>
</tr>
</tbody>
</table>

¹ Hooks per basket / Hooks between floats
² “Predominant” means most common, i.e., >50%.
³ Bait code: SQ – squid; F – fishes (e.g. Scomber spp.); A – artificial lure (e.g. plastic jig)

Add additional comments below
### NON-RETIAINED SPECIES (vessels >20m LOA)

<table>
<thead>
<tr>
<th>Species code</th>
<th>Species</th>
<th>No. of individuals observed</th>
<th>Both set types combined</th>
<th>Shallow sets (&lt;15 HPB/HBF or &lt;100m max hook depth)</th>
<th>Deep sets (≥15 HPB/HBF or ≥100m max hook depth)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Released</td>
<td>Released</td>
<td>Released</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Alive</td>
<td>Dead</td>
<td>Condition unknown</td>
</tr>
<tr>
<td>Sea turtles</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSH</td>
<td>Blue shark (Prionace glauca)</td>
<td>484</td>
<td>15</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>SMA</td>
<td>Short fin mako shark (Isurus oxyrinchus)</td>
<td>13</td>
<td>1</td>
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<tr>
<td>LMA</td>
<td>Longfin mako shark (Isurus paucus)</td>
<td>7</td>
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<tr>
<td>MAK</td>
<td>Mako shark, ne (Isurus spp.)</td>
<td>3</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PTH</td>
<td>Pelagic thresher shark (Alopias pelagicus)</td>
<td>45</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BTH</td>
<td>Bigeye thresher shark (Alopias superciliosus)</td>
<td>42</td>
<td>5</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>ALV</td>
<td>Thresher shark (Alopias vulpinus)</td>
<td>11</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THR</td>
<td>Thresher shark, nei (Alopias spp.)</td>
<td>4</td>
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<tr>
<td>SPL</td>
<td>Scalloped hammerhead shark (Sphyrna lewini)</td>
<td>1</td>
<td></td>
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<tr>
<td>SPZ</td>
<td>Smooth hammerhead shark (Sphyrna zygnaena)</td>
<td>1</td>
<td>1</td>
<td></td>
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</tr>
<tr>
<td>SPN</td>
<td>Hammerhead shark, nei (Sphyrna spp.)</td>
<td>3</td>
<td></td>
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<tr>
<td>CCA</td>
<td>Bignose shark (Carcharhinus altimus)</td>
<td>1</td>
<td></td>
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</tr>
<tr>
<td>OCS</td>
<td>Oceanic whitetip shark (Carcharhinus longimanus)</td>
<td>39</td>
<td>16</td>
<td>1</td>
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<tr>
<td>FAL</td>
<td>Silky shark (Carcharhinus falciformis)</td>
<td>61</td>
<td>8</td>
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<tr>
<td>PSK</td>
<td>Crocodile shark (Pseudocarcharias kamohara)</td>
<td>276</td>
<td>188</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>SSQ</td>
<td>Velvet dogfish (Scymnodon squamulosus)</td>
<td>-</td>
<td>63</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SKH</td>
<td>Various sharks nei (Euselachii)</td>
<td>56</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SKX</td>
<td>Sharks, rays, skates, etc. nei (Elasmobranchii)</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MNT</td>
<td>Manta rays (Manta spp.)</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAN</td>
<td>Manta rays (Mobulidae Fam.)</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PLS</td>
<td>Pelagic stingray (Pteroplatytrygon violacea)</td>
<td>1312</td>
<td>33</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>RMM</td>
<td>Devil fish</td>
<td>2</td>
<td></td>
<td></td>
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</tbody>
</table>

For additional species caught, enter species code and species in rows below.
### Marine mammals

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>DCO</strong></td>
<td>Common dolphin (Delphinus delphis)</td>
<td>1</td>
</tr>
<tr>
<td><strong>DLP</strong></td>
<td>Dolphin, nei (Delphinidae)</td>
<td>1</td>
</tr>
</tbody>
</table>

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For additional species caught, enter species code and species in rows below

### Seabirds

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Regarding sea turtles, sighting survey was carried out by the onboard observer, but no individuals were caught in 2023.