

## Waste management questionnaire for the Indian Ocean purse seine tuna fishery vessels (Dongwon Industries)

### Introduction

The aim of this questionnaire is to learn more about the current waste management practices on board Indian Ocean purse seine tuna FIP (Dongwon) vessels within the two purse seine tuna fisheries and to find out where improvements can be made. Because this FIP uses FADs, there is a higher potential for ghost fishing and marine pollution to occur. Therefore, it is of great importance that we identify the types of waste disposed of at sea, the frequency of which it is disposed, and any current preventative measures in place to reduce the impact on ocean plastic pollution.

Vessel name	Vessel owner	Flag	IMO number	Annual number of trips	Number of crew

### Questionnaire

<b>What waste do you typically accumulate on board per trip?</b> (E.g., Fishing gear (including FADs), plastic bottles, food packaging, bait packaging, fishing gear, oil cans, cardboard etc.)
<b>What is the estimated weight of the accumulated waste? (kg)</b>
<b>Do you discard waste into the ocean?</b> <span style="float: right;">Yes <input type="checkbox"/> No <input type="checkbox"/></span>
<b>If yes, <u>what</u> waste do you discard? And <u>why</u> do you discard waste into the ocean?</b>

<p><b>Do you discard waste on transshipment vessels? <span style="float: right;">Yes <input type="checkbox"/> No <input type="checkbox"/></span></b></p>
<p><b>If yes, how much (kg or %) is discarded to transshipment vessels per trip? Does this transfer of waste incur a fee?</b></p>
<p><b>Do you have an onboard incinerator? <span style="float: right;">Yes <input type="checkbox"/> No <input type="checkbox"/></span></b></p>
<p><b>If you do have an onboard incinerator, what weight (kg) of waste is burned per trip? Is it particular types of waste?</b></p>
<p><b>Do you store waste on board the vessels to be discarded in port? <span style="float: right;">Yes <input type="checkbox"/> No <input type="checkbox"/></span></b></p>
<p><b>Do you have a freshwater supply onboard? <span style="float: right;">Yes <input type="checkbox"/> No <input type="checkbox"/></span></b></p>
<p><b>What do you know about ocean plastic pollution due to fishing vessels? (Specifically from fishing gears)</b></p>
<p><b>What, if any, measures are you currently taking to reduce fishing gear loss? (E.g., FAD buoy marking, FAD retrieval, FAD use limits, educating crew about this issue)</b></p>

**What, if any, measures are you currently taking to mitigate fishing gear loss?**  
 (E.g., FAD design, storing broken net, re-using broken net)

Empty space for providing measures to mitigate fishing gear loss.

**What, if any, measures are you currently taking to remediate fishing gear loss?**  
 (E.g., retrieving lost fishing gear seen during a voyage, reporting losses, attempts to locate lost fishing gear)

Empty space for providing measures to remediate fishing gear loss.

**In the below table please indicate the kg of type of waste disposed of via different methods. Please add more types and methods if not present in the table.**

Waste type	Discarded overboard/trip (kg)	Incinerated/trip (kg)	Transhipped/trip (kg)	Discarded at port/trip (kg)
Fishing gear				
Bottles				
Food packaging				
Oil cans				
Misc. plastic				
Refrigerants/coolant				
Oil (engine)				