



**SCIENTIFIC COMMITTEE  
TWELFTH REGULAR SESSION**

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**A proposal for data to inform FAD data collection through fishing vessel catch logsheets**

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**WCPFC-SC12-ST-WP-08**

**Brian Kumasi<sup>1</sup>**

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<sup>1</sup> Chair - FAD Management Options Inter-sessional Working Group

A proposal for data to inform FAD data collection through fishing vessel catch logsheets

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Chair - FAD Management Options Inter-sessional Working Group

Introduction

The first meeting of the FAD Management Options Inter-sessional Working Group (IWG) was convened in Bali, Indonesia from 27<sup>th</sup>-28<sup>th</sup> November 2015. The Commission endorsed the following IWG recommendations:

- The IWG recommends that vessel operators provide data on FADs covering 2 major areas:
  - a. FAD design and construction of FAD to be deployed or encountered (materials, electronics, size etc.)
  - b. FAD activity (deploying, retrieving, setting, visiting, loss etc.)
- The FAD data fields to be reported by vessel operators should be based on the WCPFC ROP Minimum Standard Data Fields and the data fields (collected by other RFMOs).
- The IWG recommended that a consultancy is undertaken in early 2016 to produce the draft data fields to be reported by vessel operators for consideration at SC12 and TCC12.
- Data collected by observers on FADs can be used for verification of FAD activities of vessels.
- The FAD data should be provided to the Commission via flag State electronically using appropriate systems such as FAD e-logbooks or information systems such as PNA iFIMS etc.

With respect to the recommendation for a consultancy to be undertaken in early 2016 to produce the draft data fields to be reported by vessel operators for consideration at SC12 and TCC12, the Chair in consultation with the WCPFC Secretariat considered that this may be work that is duplicated through the consultancy to look at cost and benefit of marking and monitoring of FADs to some degree.

In consultation with the Chair, WCPFC Secretariat compiled the data fields below based as per the WCPFC recommendation based on the WCPFC ROP Minimum Data Fields that would be pertinent in the monitoring of FADs and to maintain consistency with the ROP Observer data for verification purposes.

The data fields presented are not intended to be exhaustive but as an initial draft for discussion and to allow for discussion on data fields that are collected by other RFMOs that may be pertinent and have a complimentary WCPFC ROP Observer Minimum Data Field for the purpose of verification.

From the feedback generated a revised paper shall be presented to TCC12 for consideration prior to the IWG meeting that shall convene immediately after TCC12.

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<b>FAD Fields seen as basic to collection for Vessel logs for individual FADS</b>	
Vessel IRCS	<p><b>MATERIALS FAD IS MADE FROM</b>  <u>Codes for FAD Main Materials</u></p> <ol style="list-style-type: none"> <li>1 Logs / trees / branches</li> <li>2 Timber / planks / pallets / spools</li> <li>3 PVC or plastic tubing</li> <li>4 Plastic drums</li> <li>5 Plastic sheeting</li> <li>6 Metal drums (i.e. 44gal)</li> <li>7 Philippines design drum FAD</li> <li>8 Bamboo / Cane</li> <li>9 Floats / Corks</li> <li>10 Other (Describe)</li> </ol> <p><b>Attachments</b>  <u>Codes for FAD Attachments</u></p> <ol style="list-style-type: none"> <li>11 Chain /Cable rings /Weights</li> <li>12 Cord/Rope</li> <li>13 Netting hanging underneath FAD</li> <li>14 Bair containers</li> <li>15 Sacking /Bagging</li> <li>16 Coconut fronds/Tree branches</li> <li>17 Other materials (Describe)</li> </ol> <p><b>Electronic Associated With FAD</b></p> <ol style="list-style-type: none"> <li>1 Radio buoy (with identification)</li> <li>2 Radio buoy -unidentified</li> <li>3 GPS buoy (with identification)</li> <li>4 GPS buoy - unidentified</li> <li>5 Sounder buoy (with identification)</li> <li>6 Sounder buoy - unidentified</li> <li>7 Light buoy</li> <li>8 Other (describe)</li> </ol> <p><b>HOW FAD IS Found/Detected</b></p> <ol style="list-style-type: none"> <li>1 Seen from vessel (No other Method)</li> <li>2 Reported by Helicopter</li> <li>3 Marked with Radio Beacon</li> <li>4 Using Bird Radar</li> <li>6 Information from other vessel</li> <li>7 F A D is Anchored (GPS)</li> <li>8 Marked with Satellite/GPS beacon</li> <li>9 Navigation Radar</li> <li>10 Lights</li> <li>11 Flock of Birds sighted from vessel</li> <li>12 Other - please specify</li> </ol>
IMO Number	
Page Number	
Captain/Vessel Master Name	
Vessel Owner or Company	
Number of FADS onboard Vessel	
Number of FADs Deployed by Vessel (Current) or previous trip.	
FAD Number/s and/or Markings	
Date/Time – Lat. & Long when FAD Deployed	
Date/ Time –Lat. & Long when FAD if Retrieved	
Date/Time – Lat. and Long of FAD if Investigated only	
Date/Time – Lat. and Long of FAD if Fished. (Set Made)	
Date/Time – Lat. and Long of FAD if Serviced	
FAD – Drifting or Anchored (Circle)	
List all Main Construction Materials FAD is made from using Codes	
List all Construction Attachments to FADS using Codes	
Size of Main FAD. – Record the width, breadth, depth of the main body of the FADs deployed by the vessel	
Depth of Netting bait boxes etc or Materials hanging from Main FAD	
List FAD Electronic Attachments using Codes	
List Electronic Attachments numbers and or markings	
How was FAD Located use codes	
List any vessel activity involving FADS use codes	


**FAD ACTIVITY**

Codes for FAD Activity

- 1 Setting on FAD
- 2 Deploying FAD
- 3 Servicing FAD
- 4 Retrieving FAD
- 5. Vessel drifting beside FAD
- 6. Vessel setting close to FAD
- 7 Vessel using lights of boat or light boat
- 8 Other (Describe)
- 9 Investigate FAD using sonar/sounder