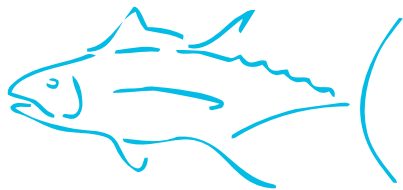


FAD Management



INTERNATIONAL SEAFOOD
SUSTAINABILITY FOUNDATION

'man·age  verb \ˈmɑ-nij\

man·aged | man·ag·ing

Definition of MANAGE

 +1  Like

transitive verb

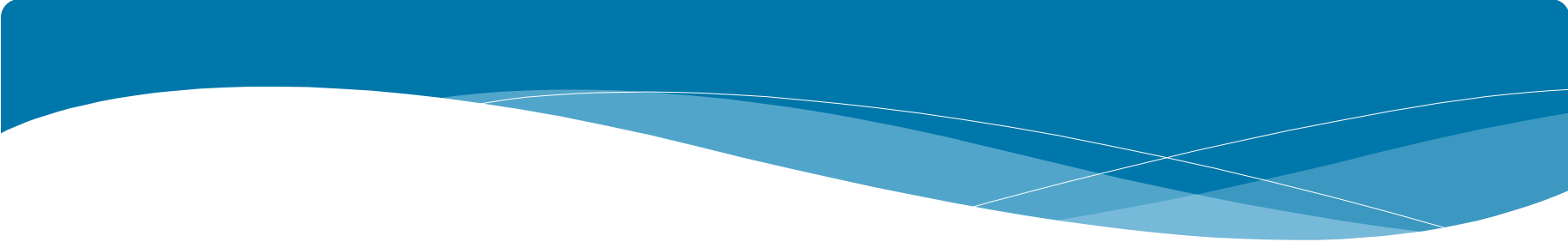
- 1** : to handle or direct with a degree of skill: as
 - a** : to make and keep compliant <can't *manage* their child>
 - b** : to treat with care : HUSBAND <*managed* his resources carefully>
 - c** : to exercise executive, administrative, and supervisory direction of <*manage* a business>
- 2** : to work upon or try to alter for a purpose <*manage* the press> <*manage* stress>
- 3** : to succeed in accomplishing : CONTRIVE <*managed* to escape from prison>
- 4** : to direct the professional career of <an agency that *manages* entertainers>

“**Management**” implies different things to different people.

For some eNGOs: Total ban

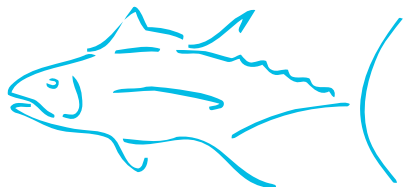
For some fleets: Limit on number of FADs

For some scientists: Monitoring is the essential element

- 
- Use of FADs has been demonized recently
 - For the most part, RFMOs do not currently receive FAD data, unlike other types of fishing effort
 - Monitoring FAD use would improve stock assessments
 - If done only at the national level, it will be of limited usefulness

IOTC (Res 12/08)

- CPCs to submit Management Plans by the end of 2013
- Data to be made available to scientific and compliance committees
- Markings; deployment; catch, etc.



ICCAT (Rec 11-01)

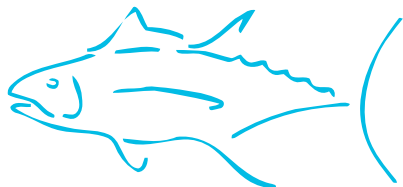
- 2-month FAD closure (small area)
- CPCs to require logbooks with:
 - a) Any deployment and retrieval of FAD, and
 - b) The position, date, identification of the aggregating device and results of the set.
- Logbook data to be made available to SCRS
- CPCs to submit Management Plans: a) Number of FAD to be deployed per purse seine and per FAD type; b) FAD design characteristics; c) FAD markings and identifiers

WCPFC (CMM 2008-01)

- 3 month FAD closure
- CCMs to submit FAD management Plans
- Similar to IOTC Resolution
- Commission to develop by 2009 management options:
 - a. Marking and identification of FADs;
 - b. Electronic monitoring of FADs
 - c. Registration and reporting of position information from FAD-associated buoys; and
 - d. Limits to the number of FADs deployed or number of FAD sets made

IATTC (C-12-01)

- Director to work with interested CPCs in a pilot project to collect information



RFMO FAD Reporting: Summary

- IATTC: No plans. No reporting
- WCPFC: Management Plans. No reporting
- ICCAT: Management Plans. Reporting
- IOTC: Management Plans. Reporting?

But note: IATTC and WCPFC are supposed to collect FAD usage through observer programs (although without unique identifiers)

ISSF CPUE Workshop

Critical to understanding CPUE:
Information on FADs and other floating objects
("FOBs"):

- Number of FADs deployed
- Number of Floating Objects (FOBs) observed (i.e. visited)
- Number of FOBs monitored
- FOB trajectory and echo-sounder information

How about data confidentiality?

	IATTC	ICCAT	IOTC	WCPFC
Public domain data aggregation for detailed fishing operations	Gross (but unspecified) aggregation by flag*, species and gear type.	A minimum of 3 vessels for any reporting.	1° x 1°, by month, by flag. If insufficient to mask individual vessel activity, then larger aggregation permitted.	A minimum of 3 vessels for any reporting.
Data access by RFMO staff or Science Provider?	Yes.	Yes, with Confidentiality Agreement.	Yes, with Confidentiality Agreement.	Yes, with Confidentiality Agreement.
Data access by RFMO science committee?	N/A	N/A, however Rec 11-01 requires FAD logbook information to be shared with the SCRS.	Yes, in aggregated form in accordance with existing confidentiality policy.	N/A
Data access by outside parties?	No.	Yes, with approval by data provider and Confidentiality Agreement.	Yes, with approval by data provider and agreement to follow IOTC data rules.	Yes, with approval by data provider and Confidentiality Agreement.

How about data confidentiality?

It appears that FAD logbook data would be treated like any other detailed (i.e., set-by-set, or vessel-specific catch and effort) data, since any information at the vessel level allows for identification of a single entity's activities and therefore cannot be public.

