

FAD RECORDS

These forms (*FAD inventory and information* and *Activity on FADs*) are based on IATTC Resolution [C-18-05](#) on the collection of data on fish-aggregating devices (FADs). They are designed to enable monitoring of FADs throughout a fishing trip.

GENERAL INSTRUCTIONS

It is the responsibility of the person in charge of fishing operations to ensure that the forms are properly filled out, and that the data recorded on the forms are correct, accurate, and complete, although the task of filling out the forms may be delegated to any vessel officer. **Do not write in the shaded spaces.**

You can fill the form out electronically, as an Excel workbook, or on paper, as you prefer.

Electronic forms: The MS Excel version of this form can be downloaded from the IATTC website <https://www.iattc.org/Downloads.htm> Save it in xslm (Excel Macro-Enabled Workbook) format, with the filename 'Vessel-Year-Trip.xslm', where 'Vessel' is the name of the vessel, 'Year' is the year the trip started, and 'Trip' is a consecutive number of the trip in that year. For example, for the second trip in 2018 by the vessel *Guadalcana*, it would be 'Guadalcana-2018-02.xslm'.

Paper forms: Use as many forms as necessary to record all the required data during the trip.

- a. **Page numbering:** In the corresponding space at the foot of each form, enter the sequential number of the form and, at the end of the trip, the total number of pages.
- b. **Electronic copies:** If you scan the completed forms, save the file, in PDF format if possible, with the name as for the electronic forms.

1. FAD INVENTORY AND INFORMATION

a. **Header**

Vessel name: Enter the name of the vessel

IATTC vessel no.: Enter the number allocated by the IATTC on the Regional Vessel Register, available on the IATTC website:

<https://www.iattc.org/VesselRegister/VesselList.aspx?List=AcPS&Lang=ENG>

Trip start date: In the spaces provided, enter the date the trip started, in DDMMYY format; for example, May 10, 2018, would be entered as '100518'.

b. **FAD details**

FAD ID: The ID to enter depends on the system that you use for identifying your FADs.

- **If you use the number of the satellite beacon,** enter the manufacturer's make and model code from Table 1 and the beacon's unique serial number. If you use a make or model not included in the table, enter it in the table and provide as much information as possible under *Comments/Observations*.
- **For other types of beacon,** enter a unique identifier that your vessel assigns to the FAD or locating beacon, and that can be used as a reference for future encounters with that FAD.
- **If you use the alphanumeric code provided by the IATTC,** enter the code that you assigned to this particular FAD. Enter the letters in the first column and the sequential number in the second column.
- For cases not covered here, describe under *Comments/Observations*.
- **If you use the satellite beacon's number as the FAD ID and you change the beacon on a FAD, it is important that you record the ID of both beacons,** the original and the replacement, on separate lines. Under *Comments/Observations*, make a note that the beacon was changed on the FAD.

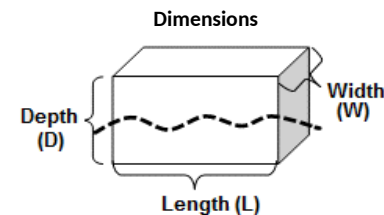
Table 1. Manufacturer and model codes

NAUTICAL	
Model	Code
MDP	MDP
MDS	MDS
M2D	M2D
MSI	MSI
M3i	M3i
M3i+	M3+
M4i	M4i
M4i+	M4+

SATLINK	
Model	Code
D+ battery	D+
D+ battery with echosounder	DS+
D+ solar	DL+
D+ solar with echosounder	DSL+
IDP solar with echosounder	ISL+
IDP solar disc. with echosounder	ISD+
SLX solar "ECO"	SLX+

ZUNIBAL	
Model	Code
Tunabal-7	T07
Tunabal-e7	Te7
Tunabal-e7+	T7+
Tuna8 Explorer	T8E
Tuna8 Xtreme	T8X
Tunabal-7 (F series)	F07
Tunabal-e7 (F series)	Fe7
Tunabal-e7+ (F-series)	F7+
Tuna8 Explorer (F-series)	F8E
Zuni without sounder	Z07
Zuni without sounder	Ze7

Other make _____	
Model	Code



DESCRIPTION: Enter the numeric code (only one) that best describes the type of FAD:

1. Natural (tree trunk, ropes, pallet, fronds), dead animal	2. Own FAD
3. FAD not owned (by your vessel)	4. Anchored FAD

SURFACE COMPONENT: In the corresponding column, enter the numeric code that best describes the main materials used to make that component of the FAD. If the covering is mainly made of webbing, write under *Mesh* the mesh size (in cm) of the majority of the mesh. If no webbing is used, leave blank.

Raft			Covering			Floats		
1. Canes (bamboo), latticed	2. Canes (bamboo), bundled	3. Metal	1. Webbing	2. Plastic	3. Cloth	1. Net corks	2. Plastic buoys	3. Plastic drums
4. PVC or plastic	5. No raft	6. Other	4. Palm leaves	5. No covering	6. Other	4. No floats	5. Other	

DIMENSIONS (meters): Width (W), Length (L), Depth (D): In the corresponding spaces, enter the dimensions of the FAD (**without** the tail, if present).

UNDERWATER COMPONENT ("TAIL"):

Mat. 1 and Mat. 2: In the corresponding columns, enter the numeric codes for the **two** main materials of the tail of the FAD. If there is only one, leave the second column blank.

1. Nylon	2. Palm leaves	3. Bamboo
4. No tail	5. Other	

Config. (Configuration): Enter the numeric code of the configuration that best describes the tail:

1. Bundled webbing	2. Ropes	3. Cloth
4. Open webbing	5. Other	

Mesh size: If the tail is made of net webbing, enter the mesh size, in centimeters (1.25" ≈ 3 cm / 4.5" ≈ 11 cm). Otherwise, leave blank.

Depth (m): Record the maximum depth of the underwater component (tail), in meters.

Comments/Observations: Use this space to record any additional information you consider relevant.

2. ACTIVITY ON FADs

This form complements the *Inventory* form, and is used to record each activity involving the FADs recorded on that form, including deploying, checking, recovering, and setting on the FAD, or changing its beacon.

Details of the activities

FAD ID: Enter the same code that you entered under **FAD ID** on the *Inventory* to identify the FAD. In the **Code** column, enter the same manufacturer code that you entered on the

Inventory, and under **Serial No.**, the beacon's serial number. If the FAD does not have a beacon, leave blank.

If you replace the beacon that is used as the FAD ID, enter in this column the ID of the original beacon that you removed, and in the following column (**Replacement ID**) the identification of the replacement beacon.

Replacement ID: Fill out this column **only if you replace the beacon used as the FAD ID** (Activity 5, **Beacon change**). Enter the ID of the new beacon in this column. For every subsequent activity on this FAD, enter this ID in the first column. For cases not covered by these instructions, describe under *Comments/Observations*.

Date: The date of the activity, in DDMMYY (day-month-year) format

Time: The local time at which the activity occurred, in 24-hour format (1 pm = 13:00).

Act. (Activity): Enter the numeric code that best describes the activity recorded. Record each activity, with its respective code, on a separate line, even if they happen consecutively.

For example, if the FAD is recovered at the end of a set, enter '3', with its corresponding information (ID, date, time, position, catch), on one line, and '4' on the following line, with its corresponding information (ID, date, time, position). If you check a FAD and change its beacon, enter each activity ('1' and '5') on a separate line; in that case, the ID would change, but all the other information would be the same.

1. Check: The FAD is checked to see whether it has fish, but no set is made	2. Deployment: A new or recovered FAD is deployed
3. Set: A set is made on the FAD	4. Recovery: The FAD is recovered and kept on board
5. Beacon change: The beacon used to identify the FAD is changed	6. Other: Describe any activity not covered by codes 1-5 under <i>Comments/Observations</i>

Position: Record the geographic position of the activity (latitude and longitude) in degrees and minutes, with four and five digits, respectively. Do not write down the symbols for degrees (°), minutes (') or hemisphere (N/S, E/W). If the latitude is south of the equator, record it as negative: 08°27 ' S would be recorded as -0827. For longitudes west of the 180°W record it as a negative.

Tuna catch: If the activity is a set ('3'), enter the catch of yellowfin (YFT), bigeye (BET), and skipjack (SKJ) tuna, in tons. If the catch includes tunas of other species (OTR), enter the quantity and species, if possible, under *Comments/Observations*. If the activity is not a set, leave blank.

Bycatch: If sharks (SHK), turtles (TURT), billfishes (BIL), rays (RAY), or other fish (OTR) are caught in the set, enter the number of individuals (N) or tonnage (t) caught, and on the following line, the number or tonnage released alive. You may also key '1' for 'N', and '2' for 't'. If there is no catch, leave blank.

Comments/Observations: Use this space as indicated in the instructions, or to make any notes or observations you consider important.

FAD INVENTORY AND INFORMATION

Vessel name | IATTC number [IATTC Web](#) | Trip start date

Table with 15 columns: Manufacturer code, Beacon serial no. or IATTC code, Description, Surface component (Raft, Covering, Mesh, Floats, Dimentions W/L/P), Underwater component (Mat. 1, Mat. 2, Config., Mesh size, Depth), and Comments / Observations.

