

SPC / FFA REGIONAL STANDARD ARTISANAL TUNA FORM ART-1
FAD: DEPLOYMENT REGISTRY

(pg1)

REVISED DEC 2016

COUNTRY:	ISLAND:	DISTRICT OR PROVINCE:	VILLAGE:
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FAD NAME, LOCATION, BATHYMETRIC and DEPLOYMENT INFORMATION

DEPLOYMENT LOCATION (<i>this is the same as TUF-ART's "area fished"</i>)	DEPLOYMENT DATE (YYYY/MM/DD):
FAD NAME AND NUMBER:	ESTIMATED DATE THAT FAD WAS LOST (YYYY/MM/DD):
LATITUDE (DD° MM.MMM N/S):	DEPLOYMENT DEPTH (m):
LONGITUDE (DDD° MM. MMM E/W):	DISTANCE FROM SHORE (m):

FAD DETAILS

FAD TYPE: (circle one)→	LAGOON	NEARSHORE SURFACE	NEARSHORE SUBSURFACE	OFFSHORE	OFFSHORE SURFACE	OTHER
FAD DESIGN: (circle one)→	INDIAN OCEAN	SPAR BUOY	BAMBOO RAFT	CUSTOM	IF OTHER PLEASE SPECIFY ...	

FAD FLOATING ELEMENTS (if INDIAN OCEAN DESIGN)

NUMBER OF PRESSURE FLOATS USED:	NUMBER OF PURSE SEINE FLOATS USED:
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FAD MOORING ROPE

FLOATING ROPE LENGTH (m):	FLOATING ROPE DIAMETER (mm):	FLOATING ROPE TYPE:	FLOATING ROPE - NO. OF STRANDS:			
SINKING ROPE LENGTH (m):	SINKING ROPE DIAMETER (mm):	SINKING ROPE TYPE:	SINKING ROPES - NO. OF STRANDS:			
AGGREGATOR TYPES: (circle one or more)→	NONE	COCONUT FOND	BAMBOO	NETTING	PLASTIC STRAPS	OTHER
SUPPLEMENTARY BUOYANCY USED:	YES / NO		NUMBER OF FLOATS:	PRESSURE RATING OF FLOATS (m):		
LENGTH OF CHAIN (m):	DIAMETER OF CHAIN (mm):					

FAD ANCHORING SYSTEM

ANCHOR TYPES: (circle one or more)→	GRAPNEL	ANCHOR	DISCARDED MACHINERY	CEMENT DRUMS	CEMENT BLOCK	OTHER
ANCHOR WEIGHTS (record the weight in kg)→						

FAD CONNECTING PARTS

NUMBER OF SWIVELS USED:	SIZE OF SWIVELS (mm):	NUMBER OF SHACKLES USED:	SIZE OF SHACKLES (mm):
NUMBER OF THIMBLES/ CONNECTORS USED:	SIZE OF THIMBLES/CONNECTORS (mm):	OTHER CONNECTORS USED:	OTHER CONNECTORS USED:

Country: Record the full name of the country where the FAD was deployed.

Island: Record the full name of the island where the FAD was deployed, if different to country name.

District or Province: Record the name of the district or province off where the FAD was deployed.

Village: Record the name of the closest village to where the FAD was deployed (if appropriate).

FAD NAME, LOCATION, BATHYMETRIC and DEPLOYMENT INFORMATION

Deployment Location: Record the area the FAD was deployed into. This must be the same as the TUF-ART "area fished". A FAD is considered as a fishing area in TUF-ART, but the island, region, area will also be added to the database. For more information consult the Artisanal Monitoring Guide.

FAD Name and Number: Record the agreed name of the FAD and its number. It is best to have and to refer to a national naming system for FADs before doing this.

Latitude: Record the FADs latitude position in degrees, minutes and decimal minutes. Note if the position was north or south of the equator.

Longitude: Record the FADs longitude position in degrees, minutes and decimal minutes. Note if the position was east or west of the 180th meridian.

Deployment Date: Record the date the FAD was first deployed using the day/month /year format.

Estimated Date that the FAD was lost: When relevant, record the date the FAD was lost.

Deployment Depth : Record in meters the total depth of the water column where the FAD was deployed.

Distance from Shore: Record in meters the distance the FAD was deployed away from the shore line

FAD DETAILS

FAD Type: Circle one option to show what type of FAD was deployed.

FAD Design: Circle one option to show what FAD design was used.

FAD FLOATING ELEMENTS (if Indian Ocean Design)

Number of pressure floats used: Record the total number of pressure floats used.

Number of purse-seine floats used: Record the total number of purse-seine floats used.

*** See the Artisanal Monitoring Manual for more explanation on any of the equipment mentioned on this form ***

FAD MOORING ROPE

Floating Rope Length: Record in meters the total length of the upper mooring rope.

Floating Rope Diameter: Record in millimeters the upper rope's diameter.

Floating Rope Type: Record the type of rope used in the upper moorings (e.g. nylon e.t.c)

Floating Rope - no of strands: Record the number of strands in the mooring rope (e.g 3-strand, 8-strand e.t.c)

Sinking Rope Length: Record in meters the total length of the lower section of the mooring rope.

Sinking Rope Diameter: Record the diameter in millimeters of the lower section of the mooring rope.

Sinking Rope Type: Record the type of rope used in the lower section of the moorings (e.g XXXXX).

Sinking Rope - No of strands: Record the total number of strands in the lower section of the rope. (e.g 12-strand e.t.c)

Aggregator Types: Circle one or more to indicate the type of material(s) attached to the FAD.

Supplementary Buoyance Used?: Circle Yes or No to indicate if extra buoyancy was added the FAD or not.

Number of floats: Record the total number of floats that were added to the top section of the mooring rope.

Pressure Rating of Floats: Record the pressure rating of the floats in meters

Length of Chain: Record in meters the total length of the chain that links the buoy to the upper mooring rope.

Diameter of Chain: Record the diameter of the chain that links the buoy and upper mooring rope in millimeters.

FAD ANCHORING SYSTEM

Anchor Types: Indicate by circling one or more of the options which type of materials were used as anchors.

Anchor Weights: For any circled anchor type indicate the total weight of the anchor type in kilograms.

FAD CONNECTING PARTS

Number of swivels used: Record the total number of swivels used (swivels are normally placed between the chain and the rope).

Size of Swivels: Record in millimeters the size of the swivels.

Number of Shackles used: Record the total number of shackles used (normally placed between all connections).

Size of Shackles: Record the size of the shackles in millimeters.

Number of Thimbles/Connectors used: Record the total number of thimbles (or connectors) that have been used.

Other Connectors Used: Record the name(s) of any other types of connectors that have been used (rope connector, hardware connectors etc).

FAD Name: Record the FAD name; preferable as agreed under a national FAD naming scheme.

Fad Number: Record the FAD number, making sure to following any sequential numbering for replaced F

Currency: Record the currency that will be used to record the monetary amounts on this form (normally th the local currency).

TOTAL COSTS OF FAD MATERIALS

Pressure Floats: Record the total cost of all pressure floats used in the construction of this FAD.

Purse-Seine Floats: Record the total cost of all purse-seine floats used in the construction of this FAD.

Floating Rope: Record the total cost of the floating rope used in the upper section of the mooring rope.

Sinking Rope: Record the total cost of the sinking rope used in the lower section of the mooring rope.

Aggregator: Record the total cost of any aggregator(s) used in the construction of this FAD.

Supplementary Buoyancy: Record the total cost of any extra buoyancy used in the construction of this FAD.

Chain: Record the total cost of any chain used in the construction of the FAD.

Anchoring: Record the total cost of any anchoring used in the construction of this FAD.

Connecting Parts: Record the total cost of any connecting parts used in the construction of this FAD.

If other please specify ... If there were other fad material costs record the type of item and the cost.

TOTAL COST OF FAD RIGGING

Number of Man Hours to Rig FAD: Record the total number of hours of labour that were required to rig t

Equipment Hire: Record the cost of hiring any equipment (vehicle, etc).

Paid Labour: Record the total cost of the man hours to rig the FAD.

If other please specify... If there were other Fad rigging costs record the type of item and the cost.

TOTAL COST OF FAD DEPLOYMENT

Number of Man Hours to Deploy: Record the total number of hours of labour that were required to deplc FAD.

Paid Labour: Record the total cost of any paid man hours to rig the FAD.

If other please specify ... If there are other costs involved with deploying the FAD mark the name of the the total cost.

Vessel Hire : Record the total cost to hire the vessel to deploy the FAD.

Fuel: Record the total cost of the fuel used to deploy the FAD.

FAD MAINTENANCE SCHEDULE, ACTIVITY and COST

Date: Record the date that any maintainance were carried out on the FAD. Use this format (YYYY-MM-DD

Maintenance Activity: Record the type of activity that was done (e.g. checks, repairs, modifications).

Cost: Record the total cost of the maintenance. Include any transport, labour and equipment costs.

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**SPC/ FFA REGIONAL STANDARD ARTISANAL LINE FISHERY FORM ART-4
FISHING LOGSHEET**

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Trip Information

LANDING SITE		VESSEL NAME		DEPARTURE DATE and TIME YY MM DD hh mm		PAGE NO OF.....	
RECORDER - name or code		VESSEL OWNER		RETURN DATE (if different) and TIME required YY MM DD hh mm			
NO. OF CREW	Male	SKIPPER'S NAME		BOAT POWER - circle one			
- not skipper-	Female			MOTOR		PADDLE SAIL	

Fishing Events

FISHING EVENT No. 1	FISHING AREA		DID YOU FISH WITHIN ONE MILE of a FAD ?		Y	N	No. of FISH LOST or DAMAGED by SHARKS THIS EVENT?		NUMBER	DID YOU CATCH FISH ? Y / N		
			SPECIES		NO.	KG	END USE CODE	SPECIES		NO.	KG.	END USE CODE
	FAD NAME (if relevant)											
	FISHING METHOD											
	HOURS FISHING THIS EVENT	NUMBER OF										
		LINES	HOOKS									

FISHING EVENT No. 2	FISHING AREA		DID YOU FISH WITHIN ONE MILE of a FAD ?		Y	N	No. of FISH LOST or DAMAGED by SHARKS THIS EVENT?		NUMBER	DID YOU CATCH FISH ? Y / N		
			SPECIES		NO.	KG	END USE CODE	SPECIES		NO.	KG.	END USE CODE
	FAD NAME (if relevant)											
	FISHING METHOD											
	HOURS FISHING THIS EVENT	NUMBER OF										
		LINES	HOOKS									

Trip Costs

ITEMS	ESTIMATE FOR THIS TRIP			GEAR PURCHASED LAST 7 DAYS
	AMOUNT USED	UNIT	AMOUNT PAID	
FUEL		L / GAL		
ICE		KG / LB		
BAIT		KG / LB		
OTHER				

END USE CODES

1 COMMUNITY MARKET	2 PROVINCIAL MARKET	3 URBAN MARKET	4 RESTAURANT
5 HOME CONSUMPTION	6 GIVEN AWAY	7 COMMUNITY DONATION	8 OTHER - PLS SPECIFY

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FISHING LOGSHEET

Trip Information

Landing Site: Record the name of the place the vessel normally departs and returns to. A list of recognised landings site names are available from your local Fishery Officer.

Recorder - name or code: Record the name of the person filling in the form. Field staff codes are available from SPC.

Number of Crew (male), (female): Record the total number of crew by their gender (do not include the Skipper).

Vessel Name: Record the name of the vessel. Use the same name every time the same vessel is encountered.

Vessel Owner: Record the vessel owner's name in full on every form.

Skipper's Name: Record the full name of the Skipper/Captain. If this is the same as the vessel owner, mark a dash.

Departure Date and Time: Record the date (year-month-date : hour: minute) the vessel departed.

Return date (if different) and Time required: Record the return time the vessel landed (hour: minute), and if the return date is different to the departure date that also (year-month-day). If the return date is the same, just add a dash.

Boat Power: Circle once to indicate the main source of power for the vessel.

Page Number: Record the page numbers, normally this will be filled in as page 1 of 1.

FISHING EVENTS

*A fishing event is a period of fishing done in the same area, with the same fishing gear.
When a vessel moves to a new area, or uses new gear this is recorded as a new fishing event.*

Catch and Effort Information

Did you fish within one mile of the FAD? This is a cross-check question. Circle Y for yes if the fisher circled around or fished within one nautical mile of a floating or anchored FAD at any point during the fishing event. Normally, fishing around the FAD with zero catch should be recorded as a separate fishing event.

No of fish lost or damaged by sharks this event? Tally the number of fish that were damaged by shark bites, along with any fish that were lost when sharks cut off the fishing lines.

Did you catch fish? This is a cross-check question. Record whether the vessel caught fish to properly capture all zero catch trips, or trips where the fisher does not declare their catch is recorded properly.

Fishing Area : Record the area the vessel was fishing in. Fishing areas must be defined at the national level under the sampling design document.

FAD Name - If the fishing has been on a FAD record the FAD name here.

Fishing Method: Record the type of fishing gear that was used. Use the standard English names. A standardised list with graphics is available in the monitoring manual.

Total hours fishing: Record the total times (in multiples of half hours) spent fishing for this fishing event.

Lines: Record the total number of fishing lines used during the fishing event.

Hooks : Record the total number of hooks deployed during the fishing event.

Catch

Species - Record the name of all the species that were caught. Use the 3-letter FAO code or the common name.

NO. Number - Record the total number of fish that were landed for each species type.

KG : Record an eye-estimate of the total weight of each species landed in kilograms.

END USE CODES Record what the skipper expects will happen to the fish that were landed. See the codes on the front of the form.

Trip Costs

How much did you use? Record the amount (in litres, gallons/kilograms, pounds) of fuel, ice and /or bait that was used during the trip. Include any other items that were purchased for the trip like cigarettes, food items etc. **How much did you pay?** Record in the local currency amount how much the vessel paid for fuel/ice or bait before this trip.

Gear purchased in the last seven days Record and describe any fishing gear that was bought by the vessel in the last seven days. Record the total cost in the local currency amount. Don't worry if you have already recorded this question for the same vessel during the last seven days. Record the information every time the vessel is interviewed.