SPC/FFA REGIONAL PURSE SEINE
OBSERVER
GENERAL INFORMATION

FORM PS-1 (pg 1)

OBSERVER PROGRAMME:	

REV. 2018

TRIP DETAILS

OBSERVER

NAME		TRIP START LOCATION	TRIP START (SHIP'S DATE AND TIME)				
			YY	M M	DD	h h	m m

NATIONALITY	TRIP ID NUMBER	TRIP END LOCATION	TRIP END (SHIP'S DATE AND TIME)				
			YY	M M	DD	h h	m m

VESSEL NAME	FISHING PERMIT / LICENSE No.s	VESSEL DEPARTURE PORT	VESSEL DEPARTURE DATE		
			YY	M M	DD

VESSEL CHARACTERISTICS

VESSEL OWNER	COUNTRY REG. No.	IRCS	UVI	FLAG	LENGTH	M	GT	(circle one)
						F	GRT	mT

No. of SPEED BOATS	No. of OTHER ONBOARD AUXILARY BOATS	Do OTHER TENDER BOATS WORK with CATCHER Y / N	MAKE / POWER NET SKIFF ENGINE ; /	VESSEL CRUISING SPEED: kts

HELICOPTER CHARACTERISTICS	MAKE	MODEL	REGISTRATION NUMBER	EFFECTIVE RANGE KM NM	COLOUR	No. of VESSELS that the HELICOPTER SERVICES: (including this vessel)

FISHING GEAR

	MAKE	MODEL		MAKE	MODEL	BRAIL 1	TYPE			LIVE FISH BRAIL: Y / N
POWER BLOCK:			PURSE WINCH:						mT	

NET - MAX. DEPTH:	M Y F	NET - MAX. LENGTH:	Metres Yards Fathoms	NET - No. of STRIPS	NET - MESH SIZE (of main body) CM IN	BRAIL 2	TYPE		mT	LIVE FISH BRAIL: Y / N

BRAIL TYPE CODES	LH - LONG HANDLE HF - HEAVY FRAME SP - SPANISH TYPE JP - JAPANESE TYPE	BRAIL CHANGE COMMENTS	BRAIL 3	TYPE	mT	LIVE FISH BRAIL: Y N

ELECTRONICS

	USAGE			USAGE
GPS	Y / N	DEPTH SOUNDER	Y / N	
TRACK PLOTTER	Y / N	SST GAUGE	Y / N	

ADV in TEC.

		USAGE	MAKE	MODEL	COMMENTS
EQUIPMENT TYPE		Y / N			
EQUIPMENT TYPE		Y / N			
BIRD RADAR		Y / N			
SONAR		Y / N			
GPS BUOYS		Y / N			
ECHO SOUNDING BUOY		Y / N			
NET DEPTH INSTRUMENTATION		Y / N			
DOPPLER CURRENT METER		Y / N			
AIS		Y / N			
VMS SYSTEMS	1	Y / N			
	2	Y / N			

COMMUNICATION SERVICES	PHONES	SATELLITE:	Y / N	Phone #	MOBILE/ CELL PHONE:	Y / N	Phone #
	OTHER	FACSIMILE:	Y / N	Fax #			

INFORMATION SERVICES	WEATHER	WEATHER FAX:	Y / N	WEATHER SATELLITE MONITOR:	Y / N	EMAIL:	Y / N	Email address:
	WEBSITES	PHYTOPLANTION www.	Y / N	SST www.		Y / N	SEA HEIGHT www.	Y / N

OBSERVATIONS / COMMENTS / OTHER GEAR / UNUSUAL USE OF GEAR
(write brief notes here and a full description in trip report)

USAGE CODES

ALL	- used all the time in fishing
TRA	- used only in transit
OIF	- used often in fishing
SIF	- used sometimes in fishing
RAR	- rarely used
BRO	- broken now but used normally
NOL	- no longer ever used
OTH	- other please specify

N.B. - fishing can be searching, setting, retrieving, deploying, investigating, etc.

REV. 2018 | **N.B.: Wherever there is a Y / N (yes or no) option for an item, either the "Y" or the "N" must be circled**

TRIP DETAILS

A complete fishing trip is defined as 'from one full or partial unloading to the next full /partial unloading'.
If not a complete fishing trip explain reasons why in trip report - also see "*Partial trips*" below.

OBSERVER

NAME and NATIONALITY	First and family names must be in full and in correct order (e.g. "John Masa" not "Masa, John"). Nationality as passport.
TRIP ID NO.	Print number issued by the authority sending you on this trip. (E.g.: John H. Masa, on his third trip in 1996 might be issued Trip ID Number: "JHM 96-03").
TRIP START / **TRIP END** (SHIP'S DATE and TIME)	} Print date using "year year/ month month / day day" format. } Print time using 24 hour "hour hour : minute minute" format. (e.g. Five past one on the afternoon on 3rd of January, 1996 as "96/01/03 - 13:05"). **USE SHIP'S TIME (and DATE)**
TRIP START LOCATION	/ **TRIP END LOCATION / VESSEL DEPARTURE PORT**: Record in all three boxes even if the same port.
Partial trips	N.B.:Observer trip officially starts and ends only when the vessel on which the catch is actually observed is boarded and disembarked. If boat met at sea "Trip Start Date and Time" is day of transfer from transit vessel to observed boat. "Trip Start Location" is "At sea". If transferred off host vessel to another to return to port "Trip End Date and Time" is day of transfer. Trip End Location is "At sea". In each case 'at sea' should be followed by a position in degrees and minutes (dd^{0}mm') only.
Multiple trips	- If observing catch on 2 (or more) boats, each new observed boat must be a new trip with separate observer trip ID No. and new forms.
VESSEL NAME	Full name with no abbreviations. (The name "Captain Paul John Smith" should not be abbreviated to Capt. P.J. Smith.)
FISHING PERMIT / LICENSE NUMBERS	Record all numbers of current fishing licenses on board. This may include more than one license. There should be at least one on board if the vessel fishes in any EEZ waters. Note country the license comes from in brackets alongside number. E.g.: K3453789H (Kiribati).

VESSEL CHARACTERISTICS

VESSEL OWNER	Name of Company or Person who owns the vessel. This should be in the Registration Papers.
COUNTRY REGISTRATION NUMBER	Number given by the Country (Flag State) to where the vessel is registered. This can be found in the registration papers of the vessel. Do not confuse this with FFA Regional Registration Number.
VESSEL FLAG	Country where vessel is registered. E.g.: Japanese purse seiners are usually registered in Japan so their Flag State is Japan.
IRCS (*international radio call*)	Series of numbers and letters painted on the side of the boat, must be either in black lettering on a white background or white on black.
UVI - Unique Vessel Identifier	WCPFC requires all vessels over 100 Gross Tonnage to have a UVI after 1st Jan 2016. Generally the UVI is the International Marine Organistion number or may be the Lloyd's Register (LR) no.
NO OF SPEED BOATS	Number of speed boats. Don't count tow boats, or a boat that looks like a speed boat but is only used as a tow boat.
NO OF AUXILIARY BOATS	Count only the tow boats and light boats that the vessel keeps **onboard**. Don't count a speed boat if it is already counted.
Do OTHER TENDER BOATS WORK with CATCHER ?	Boats (ranger boats, light boats, reefers, etc.) not carried on board but work with the catcher boat as a regular part of the fishing strategy. N.B.: do not include such boats, operating as light boats, in the count of "Auxiliary boats onboard". Describe operations in trip report.
NET SKIFF ENGINE MAKE / POWER	Brand of engine used in net skiff and the power (horsepower - hp). Get this from the skiff driver. E.g.: Caterpillar 3408 (400hp)
VESSEL CRUISING SPEED	Ask the captain for the cruising speed of the vessel (not top speed).
HELICOPTER MAKE/MODEL	Brand name and model of the helicopter. Ask the pilot if you need to.
REGISTRATION NO.	Registration No. of helicopter. Written on side or pontoons or ask pilot.
EFFECTIVE RANGE	Distance helicopter can go and return safely, without running out of fuel.
COLOUR of HELIC	Main colour or colours of the helicopter

LENGTH	GROSS TONNAGE
The place to find vessel's length overall (LOA) and gross tonnage is on registration papers. Be alert for any signs that suggest there has been a change to length and/or gross tonnage. Note in report.	

FISHING GEAR

POWER BLOCK - Make - Model	Brand of main power block on the vessel. The model of the block.
PURSE WINCH (Make, Model)	Brand of main purse winch on the vessel. The model of the winch.

If these cannot be seen, ask the captain, engineer or winch driver. Only fill in this information if sure it is correct. If unsure, record the information in your written report only, with a note.

MAX. NET DEPTH	Deepest depth of the net wall when it has been set.
MAX. NET LENGTH	The length of the net when it has been set.

M = Metres; Y = Yards; F = Fathoms. Make sure you circle the correct unit used on the vessel for net measurements.

NET - No OF STRIPS	Each net is made up of strips of netting sewn together to create the depth of the net (*e.g.: if the depth of net is to be 300 metres then 30 strips of 10 metre wide net are required to make the net depth* (adding strips deepens the net, removing strips makes it shallower). How many of these strips make up the net ? Ask the deck boss or engineer for this information.
NET MESH SIZE OF MAIN SECTION	The mesh is a different size in different parts of the net. Record the mesh size of the main body of the net. Make sure the units are recorded in "CM" (centimetres) or "IN" (inches). Ask the Deck Boss.
BRAIL: TYPE, CAPACITY, LIVE FISH BRAIL	Starting with Brail 1 (the brail with the largest capacity), use the new **brail type codes** to indicate what type of brail it was (see notes and drawing at the start of the workbook - 'Changes to PS workbook'). Then record the **capacity** of the brail in **metric tonnes.** This will help estimate the total catch. Remember to identiy the same brail (brail 1) in the same way (brail 1) on the PS-4 form. If there is a second type of brail record the information for Brail 2. If the vessel intentionally brails live fish onboard with any of the brails and processes these tuna differently mark Yes.
Brail change comments	Record any changes to brail capactity (new panel inserted etc) by recording a new brail number (i.e. Brail 2 or Brail 3) and then recording all the brail details and specifiying the type, new capacity and whether the brail is used for live fish brailing. ***Provide brief comments*** on the brail change (like date, reason etc) in this data field.

ELECTRONICS-YES / NO

If vessel has a device, circle "Y"(yes); if it does not have the device circle "N" (no). You must circle "Y" or "N" for every device listed.

USAGE	use codes (bottom front of form) to show how much each piece of equipment, for which "Y" is circled, is used.
NEW TECH :	Only record new types of equip. or major upgrades to technology here. Not to be used to record old or unlisted equip. i.e. radio. Give a full description of any new equipment or new capability (through upgrades technology) in the journal etc.
AIS	Automatic Identification System: Transponding unit that will be attached to VHF Antenna, but maybe located inside.
MAKE AND MODEL	Name of company and model (name or number) of each device listed. Don't mix up make and model. *E.g.: for a "JRC, JMA - 7790": "JRC" is the brand (make); "JMA - 7790" is the model.*
VMS System:	Record the manufacturer's name (e.g.: Trimble, Thrane and Thrane, Furuno, etc.) and the model of the MTU unit.
INFORMATION SERVICES	Vessels may access "Fishery information services" to get instant information on oceanographic features.

OBSERVATIONS / COMMENTS, OTHER GEAR, UNUSUAL USE of GEAR

Make notes if there is anything special about this boat compared to others. Comment if equipment is not working, not used or used in unusual way.
Describe fishing gear if different to equipment you see on other purse seiners and record make, model, special characteristics and usage of new gear.