

OBSERVER PROGRAMME:

**SPC/FFA REGIONAL PURSE SEINE  
GENERAL INFORMATION**

**FORM PS-1 (pg 1)**

REV. MAR. 2014

TRIP DETAILS										
OBSERVER	NAME			TRIP START LOCATION			TRIP START (SHIP'S DATE AND TIME)			
	YY	MM	DD	h	h	m	m			
OBSERVER	NATIONALITY	TRIP ID NUMBER		TRIP END LOCATION			TRIP END (SHIP'S DATE AND TIME)			
	YY	MM	DD	h	h	m	m			
VESSEL NAME			FISHING PERMIT / LICENSE No.s			VESSEL DEPARTURE PORT		VESSEL DEPARTURE DATE		
								YY MM DD		

VESSEL CHARACTERISTICS										
VESSEL OWNER			COUNTRY REG. No.	IRCS	UVI	FLAG	LENGTH	M	GROSS TONNAGE:	mT
No. of SPEED BOATS		No. of OTHER ONBOARD AUXILIARY BOATS		Do OTHER TENDER BOATS WORK with CATCHER ?		MAKE / POWER		VESSEL CRUISING SPEED:		kts
				Y / N				hp		
<b>HELICOPTER CHARACTERISTICS</b>		MAKE	MODEL	REGISTRATION NUMBER	EFFECTIVE RANGE	KM	COLOUR	No. of VESSELS that the HELICOPTER SERVICES: (including this vessel)		
						NM				

FISHING GEAR										
POWER BLOCK:		MAKE	MODEL	PURSE WINCH:	MAKE	MODEL	BRAIL CAPACITY (of first brail)			
							<b>BRAIL 1</b>			mT
NET - MAX. DEPTH:	M	NET - MAX. LENGTH:	Metres	NET - No. of STRIPS	NET - MESH SIZE (of main body)	CM	IN	BRAIL CAPACITY (of second brail)		
	Y		Yards					<b>BRAIL 2</b>		mT
BRAILING TYPE DESCRIPTION:										LIVE FISH BRAILING: Y / N

ELECTRONICS										
		GPS	Y / N	USAGE	DEPTH SOUNDER		Y / N	USAGE		
		TRACK PLOTTER	Y / N		SST GAUGE		Y / N			
				USAGE	MAKE	MODEL	COMMENTS			
ADVANCE in TECH	EQUIPMENT TYPE		Y / N							
	EQUIPMENT TYPE		Y / N							
		AIS	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							
VMS SYSTEMS	1		Y / N							
	2		Y / N							
COMMUNICATION SERVICES		PHONES	SATELLITE:	Y / N	Phone No.	MOBILE:	Y / N	Phone No.		
		OTHER	FACSIMILE:	Y / N	Fax No.	EMAIL:	Y / N	Email:		
INFORMATION SERVICES		WEATHER	WEATHER FAX:	Y / N	SATELLITE MONITOR	Y / N				
		OTHER	Y / N	url:	Phytoplankton	Y / N	SST	Y / N	Sea Height	Y / N

OBSERVATIONS / COMMENTS / OTHER GEAR / UNUSUAL USE OF GEAR	USAGE CODES (for "USAGE" columns)
(write brief notes here and a full description in trip report)	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  <b>N.B. - fishing can be searching, setting, retrieving, deploying, investigating, etc.</b>

# GENERAL INFORMATION

MAR. 2014 N.B.: Wherever there is a Y / N (yes or no) option for an item, either the "Y" or the "N" must be circled

**A complete fishing trip is defined as 'from one full or partial unloading to the next full or partial unloading'.**

If observer trip does not cover a normal complete fishing trip explain reasons why in trip report - also see "Partial trips" notes, below.

## TRIP DETAILS

<b>OBSERVER</b>	<b>NAME and NATIONALITY</b>	First and family names must be in full and in correct order (e.g. "John Masa" not "Masa, John"). Nationality as passport.
	<b>TRIP ID NO.</b>	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").
	<b>TRIP START (SHIP'S DATE and TIME)</b>	Print date using "year year/ month month / day day" format. <span style="float: right;">USE SHIP'S TIME (and DATE)</span>
	<b>TRIP END</b>	Print time using 24 hour "hour hour : minute minute" format. (e.g. Print five past one on the afternoon on 3rd of January, 1996 as "96/01/03 - 13:05").
	<b>TRIP START LOCATION / TRIP END LOCATION / VESSEL DEPARTURE PORT:</b>	Record in all three boxes even if the same port. 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 <sup>o</sup> mm') only. <b>Partial trips</b> - 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. <b>Multiple trips</b>
<b>VESSEL NAME</b>	Full name with no abbreviations. E.g.: a vessel with the name "Captain Paul John Smith" should not be abbreviated to Capt. P.J. Smith.	
<b>FISHING PERMIT / LICENSE NUMBERS</b>	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

<b>VESSEL OWNER</b>	Name of Company or Person who owns the vessel. This should be in the Registration Papers.		
<b>COUNTRY REGISTRATION NUMBER</b>	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.		
<b>VESSEL FLAG</b>	Country where vessel is registered. E.g.: Japanese purse seiners are usually registered in Japan so their Flag State is Japan.		
<b>IRCS (international radio call sign)</b>	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.		
<b>UVI - Unique Vessel Identifier</b>	WCPFC requires all vessels over 100 Gross Tonnage to have a UVI after 1st Jan 2016. The number may appear on certificates before 2016. Generally the UVI is the International Marine Organisation number or may be the Lloyd's Register (LR) no.		
<b>NO OF SPEED BOATS</b>	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.		
<b>NO OF AUXILIARY BOATS</b>	Count only the tow boats and light boats that the vessel keeps <b>onboard</b> . Don't count a speed boat if it is already counted.		
<b>Do OTHER TENDER BOATS WORK with CATCHER ?</b>	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.		
<b>NET SKIFF ENGINE MAKE / POWER</b>	Brand of engine used in net skiff and the power (horsepower - hp) of the engine. Get this from the skiff driver. E.g.: Caterpillar 3408 (400hp)	<b>LENGTH</b>	<b>GROSS TONNAGE</b>
<b>VESSEL CRUISING SPEED</b>	Ask the captain for the cruising speed of the vessel (not top speed).		
<b>HELICOPTER MAKE/MODEL REGISTRATION NO.</b>	Brand name and model of the helicopter. Ask the pilot if you need to. Registration No. of helicopter. Written on side or pontoons or ask pilot.		
<b>EFFECTIVE RANGE</b>	Distance helicopter can go and return safely, without running out of fuel.		
<b>COLOUR of HELIC</b>	Main colour or colours of the helicopter	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

<b>POWER BLOCK - Make - Model</b>	Brand of main power block on the vessel. The model of the block.	If these cannot be seen, ask the captain, engineer or winch driver. Only fill in this information if sure it is correct.
<b>PURSE WINCH - Make - Model</b>	Brand of main purse winch on the vessel. The model of the winch.	
<b>MAX. NET DEPTH</b>	Deepest depth of the net wall when it has been set.	M = Metres; Y = Yards; F = Fathoms. Make sure you circle the correct unit used on the vessel for net Make sure you circle the correct unit used for net measurements
<b>MAX. NET LENGTH</b>	The length of the net when it has been set.	
<b>NET - No OF STRIPS</b>	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.	
<b>NET MESH SIZE OF MAIN SECTION</b>	The mesh is a different size in different parts of the net. The mesh size required here is 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.	
<b>CAPACITY OF BRAIL</b>	The capacity in <b>metric tonnes</b> . This is needed for the observer to estimate catch brought onboard. If there is a second brail onboard (mostly on Japanese vessels) also record capacity of second brail.	<b>N.B.:</b> call these <b>BRAIL 1</b> and <b>BRAIL 2</b> -also for PS-4s.
<b>BRAIL TYPE &amp; LIVE FISH BRAILING</b>	Describe the brailing operation <b>exactly</b> . This should include: how the mouth of the net was held open (i.e. with the skiff or by a boom); design of the actual brail (long or short handle, no handle, x-shaped, etc.); is the brail linked to a boom or the purse davit; etc. If the vessel intentionally brails live fish onboard and processes these tuna differently mark Yes. A full description of the brail type and any live fish brailing should be included in the observer's written report.	
<b>ELECTRONICS-YES / NO</b>	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.	
<b>USAGE</b>	use codes (bottom front of form) to show how much each piece of equipment, for which "Y" is circled, is used.	
<b>NEW TECH:</b>	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 and then the written report.	
<b>AIS</b>	Automatic Identification System: Transponding unit that will be attached to VHF Antenna, but maybe located inside. The unit will be marked AIS.	
<b>MAKE AND MODEL</b>	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.	
<b>VMS System: INFORMATION SERVICES</b>	Record the manufacturer's name (e.g.: Trimble, Thrane and Thrane, Furuno, etc.) and the model of the MTU unit, if possible. Vessels may access "Fishery information services" to get instant or daily information on oceanographic features that affect fishing. Commonly accessed info., includes phytoplankton density, sea-surface temperature (SST) and sea height. Describe in written report.	

## OBSERVATIONS / COMMENTS, OTHER GEAR, UNUSUAL USE OF GEAR

<p>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. If lots to write about (good) do so in journal and in special section of trip report. Brief note here and refer to page numbers where in journal / report.</p>	
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