OBSERVER PROGRAMME:

SPC/FFA REGIONAL LONGLINE OBSERVER GENERAL INFORMATION

FORM LL-1 (pg1)

2018

TRIP DETAILS

OBSERVER

NAME		TRIP START (SHIP DATE AND TIME) YY M M DD h h m m					TRIP START LOCATION
NATIONALITY	TRIP ID No.	TRIP END (SHIP DATE AND TIME) YY M M D D h h m m					TRIP END LOCATION

VESSEL NAME	VESSEL DEPARTURE (SHIP DATE) YY M M D D	VESSEL DEPARTURE PORT

VESSEL

VESSEL OWNER	COUNTRY REGISTRATION NO.	UVI

VESSEL CAPTAIN	ID document	No.	FLAG	IRCS

FISHING MASTER	ID document	No.	FISH HOLD CAPACITY mT

FISHING PERMIT or LICENSE Nos.	LENGTH OVERALL (Circle one unit) Metres / Feet	GT circle one / GRT mT

CREW NATIONALITY

CAPTAIN	FISHING MASTER

		How many ?
OTHER CREW:	:	
OTHER CREW:	:	
OTHER CREW:	:	
OTHER CREW:	:	

ELECTRONICS

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

		USAGE	MAKE	MODEL	COMMENTS
ADVANCES in TECNOLOGY	Y / N				
SONAR	Y / N				
RADIO BEACON DIRECTION FINDER	Y / N				
GPS BUOYS	Y / N				How many ?
DOPPLER CURRENT METER	Y / N				
XBT (BATHYTHERMOGRAPH)	Y / N				
VMS SYSTEMS VMS-1	Y / N				
VMS SYSTEMS VMS-2	Y / N				

COMMUNICATION SERVICES PHONES	SATELLITE:	Y / N	Phone #	MOBILE/ CELL PHONE	Y / N	Phone #	
COMMUNICATION SERVICES OTHER	FACSIMILE:	Y / N	Fax #				
INFORMATION SERVICES WEATHER	WEATHER FAX	Y / N	SATELLITE WEATHER MONITOR	Y / N	EMAIL:	Y / N	Email address:
INFORMATION SERVICES WEBSITES	Phytoplankton WWW:	Y / N	SST WWW:	Y / N	Sea Height WWW:	Y / N	

FISHING GEAR

		USAGE
MAINLINE HAULER	Y / N	
BRANCHLINE HAULER	Y / N	
LINE SHOOTER	Y / N	
AUTOMATIC BAIT THROWER	Y / N	
AUTOMATIC BRANCHLINE ATTACHER	Y / N	
WEIGHING SCALES	Y / N	
OFFAL DISPOSAL MACHINE	Y / N	
ADVANCES in TECNOLOGY	Y / N	

TERMINAL GEAR (see TG ID guide)

		MATERIAL	DIAMETER	LENGTH
MAINLINE:			mm	nM
BRANCHLINE MATERIALS:	1)		mm	WIRE TRACE ? YES / NO
	2)		mm	
	3)		mm	
BRANCHLINE WEIGHTS?	YES / NO	WEIGHT (g)	DISTANCE of WEIGHT to HOOK (cm)	

HOOKS OFFSET, RINGS, and/or SWIVELS (O, R, S) record each used	JAPAN size %	CIRCLE size %	"J" size %	TERACIMA size %

SAFETY EQUIPMENT

LIFE JACKET

		Number of **LIFE BUOYS / LIFE RINGS**
PROVIDED FOR OBSERVER:	Y / N / O	
SUITABLE SIZE:	Y / N	
AVAILABILITY (circle one)	Easy Moderate Hard	

EPIRBs	Total	Total with Exp Bat.
406		
other		

LIFE RAFTS	1	2	3	4
Number of PEOPLE	No.	No.	No.	No.
INSPECTION DATE (D or L - yy/mm)	YY/MM (L or D)	YY/MM (L or D)	YY/MM (L or D)	YY/MM (Lor D)

REFRIGERATION METHOD

BLAST FREEZE	Y / N
ICE	Y / N
BRINE WELL	Y / N
BRINE SPRAY	Y / N
CHILLED SEA WATER	Y / N
REFRIDGERATED SEA WATER - RSW	Y / N

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 pease specify

WASTE DISPOSAL SYSTEM? Y / N

STRATEGIC OFFAL DISPOSAL? Y / N

Describe strategic offfal disposal for fish (important). Also mention any general waste disposal systems.

GENERAL INFORMATION

Observer programme : -
record the country code if working for a national programme, refer to country codes
or the abbreviation if a regional programme (e.g.: USMLT, FSMA, PNA, SPC, ROP, etc.)
of the authority / provider that has allocated this trip

A complete fishing trip is defined as 'from one full or partial unloading to the next full or partial unloading'.
If an observer trip is not over a normal complete fishing trip the reasons why must be in the trip report - also see "*Partial trips* " notes, below.

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

Observer Name and *Nationality* : Record first name and family name in full (e.g. "John Masa"); and Nationality as in passport
Observer Trip ID Number : 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 (Ship Date and Time) } Print date using "year year/ month month / day day" format.
Trip end (Ship Date and Time: } Print time using 24 hour "hour hour : minute minute" format.
USE SHIP'S TIME

also read N.B. for departure/return port

(e.g. Print five past one on the afternoon on 3rd of January, 1996 as "96/01/03 - 13:05").

Observer Trip Start, Trip End, and Vessel Departure Port : Record in all three boxes even if it is the same port.
N.B.: an observer trip starts only once the actual vessel to be observed is boarded and ends when disembarking that vessel.

Partial trips - If boat is met at sea the 'trip start date and time' is the date and time that the transfer between vessels occurs.
The 'trip start location' is "At sea" followed by a position recorded in degrees and minutes only (dd^{O}mm').
If the observer transfers from a host vessel to another vessel to end their trip the 'end of trip date and time' is time of transfer.
The 'end of trip location' is "At sea" followed by a position recorded in degrees and minutes only (ddOmm').

Multiple trips - treat work on 2 (or more) different vessels while at sea as 2 (or more) trips, each with its own forms.

VESSEL

Vessel Name, Vessel Owner, Vessel Captain, Fishing master : Print full names whenever possible.
Country Registration : Number issued by country in which the vessel is registered (e.g. "ME1-808").

Unique Vessel Identifier : 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 Organistion number or the the Lloyd's Register (LR) number. If there is no UVI just make a dash in the data field.

Flag : Name of country in which vessel is registered (e.g. "Belize") even if it comes from another country, such as Korea.
International radio call-sign (IRCS) : Do not confuse with Registration No. Note in report if vessel has no proper IRCS.
Vessel Captain - ID Document / No. : Along with the Captain's and Fishing Master's full names record identification document
Fishing Master - ID Document / No. : types and the document numbers for each of them
The prefered document is a Captain or Master's license but another, such as their passport, will do if that is not possible.
Fishing Permit or Licence Number(s) : If vessel fished under one or more bilateral access agreements, then print the fishing permit number issued by each of the coastal states in whose waters the vessel fished during the trip.
If vessel fished under a multilateral treaty, then print the permit number issued to vessel under the multilateral treaty
If the vessel is registered in the coastal state, then print the fishing licence number issued by the coastal state.

Length overall (LOA) : The place to find vessel's length overall (LOA) and gross tonnage is on registration papers.
Gross tonnage (GT) / Gross Registered Tonnage (GRT) : Normally record Gross Tonnage (GT) . For older vessels if no GT, then record gross registered tonnage (GRT) . Check for changes to length and/or gross tonnage.

Fish Hold Capacity : (record in metric tonnes (mT)) can usually be found in deck plans and engineer's logs.
Record the total space for all holds that can carry fish regardless of whether they are used to carry fish on this trip

CREW NATIONALITY

Captain , *Fishing Master* : In the "Crew Nationality" section record only the nationality of the Captain and/or Fishing Master
No need to record their names or identification documents here because they are recorded in the "Vessel" section already
Other Crew - *How many ?* : Record what other nationalities of crew and how many of each nationality there is.
Do not include the Captain and Fishing Master in these counts.

ELECTRONICS (circle "Y" or "N" (yes or no) to show if each item is present or not present on board)

* *Advances in technolgy* : Empty lines are to record new types of equipment or major upgrades to the current electronics or any types of advances in fishing electronics technology . Don't record old pieces of equipment not listed like radio etc. Write about new equipment in journal and trip report.

Usage : use codes (bottom front of form) to show how much each piece of equipment, for which "Y" is circled, is used
VMS - 1 and *VMS - 2* : Record system type (e.g.: InMarSat-C, Iridium, Argos) for each "vessel monitoring system" used. Also use the usage codes to record when the VMS system was being used.

Communication services : If vessel uses satellite and/or mobile phones and/or fax and/or email record thecontact details.

Fishery Information Services : Vessels may receive real-time information on some oceanographic features.
Circle **Y** or **N** to show if they get information on sea-surface temperature (SST), phytoplanton densities or sea height. If they are receiving another type of information record that in "Comments" and write about it in your trip report.
If "Y", record the www: (website address) below the "Y / N" and write more about the website in your written report.

See the back of LL-1(page2) for more notes on gear, safety equip., refridgeration, waste disposal system and observations…

SPC/FFA REGIONAL LONGLINE OBSERVER GENERAL INFORMATION

FORM LL-1 (pg2)

OBSERVATIONS / COMMENTS / OTHER GEAR / UNUSUAL USE OF GEAR

Write notes here and full descriptions in the daily journal and trip report
(put page references to the full descriptions beside the notes written here)

*(circle "**Y**" or "**N**" (yes or no) to show if each item is present or not present on board)*

Weighing scales : If weighing scales used to weigh retained fish are on-board, circle "Y" (yes)

For help with the rest of this section use the SPC Terminal Gear Idendification Guide (TG ID guide)
Note that the TG ID guide can be used to measure hook size and line diameter

Terminal gear

Mainline : Write down the material the mainline was made out of i.e monofilament or tarred rope
Record the total length of the mainline in nautical miles - ask Captain for this information.
Get the diameter of the mainline. Use small callipers to measure the width of the mainline.

Branchline : Record all types of material used in branchline (including wire trace) - see LL Terminal Gear guide
Branchline weights : If any weights have been added to the branchline - normally to weigh the line down and allow it to sink faster, record the information. Record the average weight in grams and then 2) record the Distance of the Weight from the Hook in centimeters.
Wire trace : Indicate if wire trace (wire just before the hook) was used in the branchline.
Hooks : for each type of hook used record the size and the percentage of that hook that is usually used in each set. Show if hooks were **O**ffset (O), had **R**ings (R) or **S**wivels (S). Record three letters and/or dashes in each box.

- e.g.: if vessel sets 10-hook baskets with standard size 12.0 circle hooks with rings and swivels on hook numbers 1,2, 9, 10, but with offset "J" hooks (size 10.0) with no rings or swivels on every other line in a basket an observer will record as:

JAPAN size	%	CIRCLE size	%	"J" size	%	TERACIMA size	%
—	—	12.0	40	10.0	60	—	—
— — —		— R S		O — —		— — —	

SAFETY EQUIPMENT **(obtain as much information as possible without intruding)**

Life jacket : if the life jacket is the observer's own or was issued by their provider, circle "**O**".
if the observer doesn't have their own but the vessel supplies one, circle "**Y**", or "**N**" if one is not supplied
Was it a good size ? - circle **Y** (yes) or **N** (no)
If the life jacket is carried by the observer or if it is allocated by the vessel and is easily available circle "**easy**"
if it is allocated by the vessel but it is not so easy to get to circle "**moderate**"
and if an allocated life jacket is very difficult to get to circle "**hard**"

Lifebuoys/life rings - count all to be found

EPIRBS - count all EPIRBS onboard **including** those with expired battery renewal dates. Don't count any inside life raft.
Only count the EPIRBS that observers normally have access to.
- then just count only the EPIRBS with expired battery renewal dates.

Life rafts - *Number of People* - record the number of people that each life raft is certified to carry.
- *Inspection Date* - check carefully for inspection stickers/labels or fixed plates with inspection information
Find out from these inspection certificates when the next inspection is due (or when last was carried out)
- if label has an inspection **D**ue date record the letter "D" then a dash ("-"), then the date in 'dd/mm/yy' format
- if a **L**ast inspection date is on the inspection label record the letter "L", then a dash, then the date
(e.g.: for an inspection due on 30th June 2012 record "D-30/06/12"; If, after a careful check for life-raft inspection labels, dates cannot be found, record "ND" for 'not displayed'.

REFRIGERATION METHOD **(circle "Y" or "N" (yes or no) to show if each method is present or not present)**
N.B.: There may be more than one refrigeration method so record yes or no for each one.

Other storage : If another refrigeration or other storage method is observed descibe it in detail in the trip report.

WASTE DISPOSAL SYSTEM ? (circle "Y" or "N") to indicate if a waste disposal system is present)A waste disposal system is either a machine or a procedure to properly process garbage / oil / plastics (refer to GEN-6). Examples of equipment include incinerators, crushers, shredders, compacters, balers, meal plants, barrel to contain oil etc. Example of procedures might be keeping all plastice waste until the end of the trip. If present describe how

STRATEGIC OFFAL DISPOSAL? (circle "Y" or "N") . Circle Y if the vessel has procedures about discarding fish offal (guts, bait, bits of fish) during the setting/hauling cycle. this could be no disposal of fish offal during setting or hauling or disposal from certain locations on the vessel (i.e. the opposite side tof hauling or settng)

OBSERVATIONS / COMMENTS, OTHER GEAR, UNUSUAL USE OF GEAR

Write about anything special observed about this boat and its equipment or crew compared to other boats observed. Comment if equipment is not working, not used or is used in an unusual way and describe fishing gear that is different to equipment observed on other longliners, recording the make, model, special characteristics and usage of this new gear. If there is lots to write about (good) write in the observer's daily journal and in the proper place in the trip report then write brief notes here but include page No.s so that others can easily find what is written in the journal and trip report.