SPC / FFA REGIONAL PURSE SEINE PORT SAMPLING FORM

REVISED: DEC 2009

PORT	SAMPLER'S NAME	Staff id code	ASSISTANT'S NAME	Staff id code	PAGE	OF

CARRIER OR CANNERY	NAME OF VESSEL	FFA VID NO.	IRCS	REGISTRATION — COUNTRY AND NUMBER

DATE AT START OF TRIP (departed from port)	D D	M M	Y Y	DATE AT END OF TRIP (arrived in port)	D D	M M	Y Y	DATE OF SAMPLE	D D	M M	Y Y

SET DETAILS (to be obtained from Vessel Logsheets)

MONTH	DAY	LATITUDE ddmm.mmm	N S	LONGITUDE dddmm.mmm	E W	SCHOOL ASSOC.	SET START TIME	SKIPJACK WEIGHT	YELLOWFIN WEIGHT	BIGEYE WEIGHT	OTHER SPECIES NAME	SPECIES WEIGHT	WELL NUMBERS

SAMPLING STRATEGY (very important)

Please tick correct box	RANDOM SPECIES - species composition and length frequency sample	N.B. Record all weights in metric tonnes (MT)
	NON-RANDOM SPECIES - length frequency sample only	

SAMPLED WELL

WELL NUMBER	
WEIGHT OF FISH IN WELL	

SPECIES and LENGTH DATA

SPECIES CODE	LENGTH	SPECIES CODE	LENGTH	SPECIES CODE	LENGTH	SPECIES CODE	LENGTH	SPECIES CODE	LENGTH	SPECIES CODE	LENGTH
1		26		51		76		101		126	
2		27		52		77		102		127	
3		28		53		78		103		128	
4		29		54		79		104		129	
5		30		55		80		105		130	
6		31		56		81		106		131	
7		32		57		82		107		132	
8		33		58		83		108		133	
9		34		59		84		109		134	
10		35		60		85		110		135	
11		36		61		86		111		136	
12		37		62		87		112		137	
13		38		63		88		113		138	
14		39		64		89		114		139	
15		40		65		90		115		140	
16		41		66		91		116		141	
17		42		67		92		117		142	
18		43		68		93		118		143	
19		44		69		94		119		144	
20		45		70		95		120		145	
21		46		71		96		121		146	
22		47		72		97		122		147	
23		48		73		98		123		148	
24		49		74		99		124		149	
25		50		75		100		125		150	

DATA ENTRY VERIFICATION

	SKJ	YFT	BET	OTHER
NUMBER OF EACH SPECIES				
$\sum$ LENGTHS FOR EACH SPECIES				

SCHOOL ASSOCIATION CODES

1 Unassociated
2 Feeding on baitfish
3 Drifting log, debris or dead animal
4 Drifting
5 Anchored raft, FAD or payao
6 Live marine mammal
7 Live whale shark
8 Other

Notes for PURSE SEINE PORT SAMPLING FORM

The Purse Seine Port Sampling Form is used to record lengths of fish that are unloaded from purse-seiner vessels at the end of a trip. Only use the form to sample fish from wells where the set details for every set loaded into the well can be obtained. Also, these set details must include the date, the position and the school association, and meet the selection criteria as outlined below.

HEADER INFORMATION
If you measure more than 150 fish, use extra forms. Every form you submit must have all the header details filled in . All dates should be recorded using the 2-digit number format for each of day 'D D', month 'M M' and year 'Y

PORT The name of the port where the vessel unloading took place.

SAMPLER: STAFF ID CODE The first and last name of the person measuring the fish, and their 3 (or 2) letter staff id code. If only one person is doing the sampling then mark that person's name here.

ASSISTANT: STAFF ID CODE The first and last name of the person recording the data, and their 3 (or 2) letter staff id code.

PAGE _ OF _ Number your pages in sequence until you have finished your sample. A sample includes all the fish you will sample from the same well using the same sampling protocol. If you change wells or change your sampling protocol, start a new page 1 and number your pages in sequence until you have finished your sample.

CARRIER or CANNERY The nationality of the vessel as noted on the county registration certificate or license.
NAME OF VESSEL Fill in the full name of the vessel. Be careful with the spelling and make sure you include any numbers.
FFA VID NO. FFA's Vessel Register Number. Will normally be shown on the vessel's licence.
IRCS International Radio Call Sign. Often painted on the sides of the vessel.
REGISTRATION ─ COUNTRY AND NUMBER This may be on the vessel's bow, or if not check the registration papers in the
DATE OF DEPARTURE The date the vessel left port at the beginning of its last trip.
DATE OF ARRIVAL The date the vessel returned to port at the end of the trip.
DATE OF SAMPLE If the well unloading takes place over more than one day put the first date of unloading here.

SET DETAILS   - **Get this information from vessel logsheets.**
For selected wells that meet the appropriate selection criteria, transcribe every line with that well number from the logsheet.
It is very important that you write out all the logsheet details from the logsheet straight onto your port sampling form. Don't forget the well numbers at the end. If there is no information for a data field on the logsheet, place a dash on your form.

SAMPLING STRATEGY - *(Hint: Only do a non-random sample when directed to do so by your supervisor.)*

RANDOM SPECIES Tick when there is no pre-selection of species by the sampler, the most common type of sample
NON-RANDOM SPECIES Tick when the sampler pre-selects the type of species they intend to sample.

SAMPLED WELL Record the 'WELL NUMBER' that was sampled and the 'WEIGHT OF FISH IN WELL'.
Record all weights in metric tonnes.

> *Random Sampling*
> Five fish must be taken from ***every*** net unloaded from the well, until the very last

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SPECIES AND LENGTH DATA   - *Take length measurements from the tip of the upper jaw to the fork in the tail.*
SPECIES Species codes, for example: SKJ; DOL; YFT; RRU.
LENGTH The length, in centimetres, rounded down to the nearest centimetre (e.g. 67.9 cm will be recorded as 67 cm).

DATA ENTRY VERIFICATION (D*o this to help check that your data has been entered properly.)*
NUMBER OF EACH SPECIES Add up the total number of each species recorded on this form.
Σ LENGTHS FOR EACH SPECIES (Σ = sum of) Add up the lengths of each species separately. Don't mix them.

A Sampler's Guide to Selecting Appropriate Wells for Sampling

 • Secure a copy of the vessel logsheet and, if available, the vessel well plan. • Ensure the well numbers are recorded on the vessel's logsheet. If they are not, return the logsheet to the captain, and ask that they are filled in. • You can use the 'Well Loading Worksheet' to select an appropriate well or follow the numbered steps below. The best approach is to check the set detail information for every well before the vessel starts unloading. Alternatively, you can check the set details of the next well to be unloaded. Wells filled with fish from just one set are good wells to sample, but the sampler should try to sample all wells that

1. Decide which well you want to sample, then glance down the 'well numbers' column on the logsheet.
2. When you spot the well number of the well you want to sample, highlight it. Then, highlight that entire line on the logsheet. Check to see if the same well number is written on any other lines on the logsheet. Highlight those lines also.
3. You can now see all the set details for the well clearly.
4. Check to see if the set details of the well indicate it is an appropriate well for sampling.

<u>WELL SELECTION CRITERIA FOR HIGHLIGHTED SET DETAIL INFORMATION</u>
School Association: *Only* sample wells where all the set details show the same school association.
Date of Set: <u>First Choice</u>: Sample wells where all the set details show the same calender month.

   <u>Second Choice</u>: Sample wells where all the set details have dates 7 days before or 7 days after the same calender month.

   <u>Third Choice</u>: Sample wells where all the set details have the dates from the same calender quarter (i.e Jan.–March).
Fishing Area:<u>First Choice</u>: Set details showing sets made in the same 5° x 5° area.   <u>Second Choice</u>: Set details showing sets made in the same 5° x 10° or 10° x 5° area.   <u>Third Choice</u>: Set details showing sets made in the same 10° x 20° or 20° x 10° area.