

SPC/FFA REGIONAL POLE-AND-LINE OBSERVER CATCH DETAILS

FORM PL - 3

REVISED DEC. 2009

| | | | | | | | | | | |
|-------------|----|-------------------------------------|---------------|-------|-----|--------|-------------------------|---------------------|---------|----------------------|
| VESSEL NAME | | | OBSERVER NAME | | | | OBSERVER TRIP ID NUMBER | | PAGE OF | |
| SHIP'S DATE | | SPRAYING, CHUMMING and POLING time: | | START | | FINISH | | No. POLES OPERATING | | MEASURING INSTRUMENT |
| DD | MM | YY | | h h | m m | h h | m m | CREW | AUTO | |

COMMENTS

| TARGET SPECIES | | | | OTHER SPECIES | | | | COMMENTS |
|----------------|-----------|-------|-----|---------------|-----------|-------|-----|----------|
| SPECIES CODE | FATE CODE | CATCH | | SPECIES CODE | FATE CODE | CATCH | | |
| | | mT | No. | | | mT | No. | |
| SKJ | | | | | | | | |
| YFT | | | | | | | | |
| BET | | | | | | | | |

| | | | | | |
|--------------------------------|-------|---------|-----|-------------|-------------|
| How many tags were recovered ? | TAG # | SPECIES | SEX | LENGTH (cm) | WEIGHT (kg) |
|--------------------------------|-------|---------|-----|-------------|-------------|

| SPECIES CODE | LENGTH (cm) |
|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| 1 | | 21 | | 41 | | 61 | | 81 | |
| 2 | | 22 | | 42 | | 62 | | 82 | |
| 3 | | 23 | | 43 | | 63 | | 83 | |
| 4 | | 24 | | 44 | | 64 | | 84 | |
| 5 | | 25 | | 45 | | 65 | | 85 | |
| 6 | | 26 | | 46 | | 66 | | 86 | |
| 7 | | 27 | | 47 | | 67 | | 87 | |
| 8 | | 28 | | 48 | | 68 | | 88 | |
| 9 | | 29 | | 49 | | 69 | | 89 | |
| 10 | | 30 | | 50 | | 70 | | 90 | |
| 11 | | 31 | | 51 | | 71 | | 91 | |
| 12 | | 32 | | 52 | | 72 | | 92 | |
| 13 | | 33 | | 53 | | 73 | | 93 | |
| 14 | | 34 | | 54 | | 74 | | 94 | |
| 15 | | 35 | | 55 | | 75 | | 95 | |
| 16 | | 36 | | 56 | | 76 | | 96 | |
| 17 | | 37 | | 57 | | 77 | | 97 | |
| 18 | | 38 | | 58 | | 78 | | 98 | |
| 19 | | 39 | | 59 | | 79 | | 99 | |
| 20 | | 40 | | 60 | | 80 | | 100 | |
| Σ lengths | | Σ lengths | | Σ lengths | | Σ lengths | | Σ lengths | |

| | TARGET SPECIES | | | OTHER SPECIES | | |
|-----------------|----------------|-----|-----|---------------|--|--|
| | SKJ | YFT | BET | | | |
| Number Sampled: | | | | | | |
| Sum of lengths: | | | | | | |
| Average length: | | | | | | |

Use a new Form PL-3 for each continuous period of "SPRAYING, CHUMMING and POLING".

"SPRAYING, CHUMMING and POLING" includes any activity directly related to getting fish on board. Spraying, chumming and poling occurs only after the fish are found by searching or at an anchored FAD. Short times (minutes) not spraying, chumming or poling are still part of the same Activity Code "1" period.

There is no need to complete this form if no fish are caught, but **be sure** to record the details (start time, position, activity code "1", etc.) on Form PL-2 (Daily Log). Don't forget to correct the "START TIME" on this Form PL-3 if you then use it for the next period of "spraying, chumming and poling" activity.

Details

| | |
|-------------------------------------|---|
| VESSEL NAME | Full name. E.g., don't abbreviate the " <i>Captain John Smith</i> " to the " <i>Capt J. Smith</i> ". |
| OBSERVER NAME | First name first, last name last, make sure to print full name. |
| OBSERVER ID NUMBER | This number is issued before you leave port and should be used on all forms. The number will not change for entire trip. Place wherever required on all forms. |
| PAGE OF | Number each Form PL-3 sequentially through trip. The last page number will be number for the "of " field. E.g., if a total 26 Form PL -3's were used, first form would be "Page 1 of 26", 16th "Page 16 of 26" and the last "Page 26 of 26". |
| SHIPS DATE | The date that is being used on the vessel by officers and crew. |
| SPRAYING, CHUMMING, POLING } times: | START - When the vessel starts trying to get fish to bite by chumming bait, using sprayers It is very Important to record the start time exactly the same as you record it under "SHIP'S TIME" when entering activity code "1" (Spraying, chumming and poling) on Form PL-2, the Daily Log. FINISH - When no more fish are being caught and the vessel starts another activity. The same time as "SHIP'S TIME" for start of next activity recorded on Form PL-2. Short times of no spraying, chumming or poling are included in the same period. |
| No. OF CREW POLING | This should be one count taken when the fishing activity is well established (not right at the beginning or right at the end). |
| No. OF FISH SAMPLED | Try to measure at least 50 fish per fishing period and up to 100 fish for big catches. Grab any fish, regardless of species or size, that is in your random sampling area. |
| MEASURING INSTRUMENT | And its size, e.g.: 1m measuring board, 1.5m calipers, 2m deck tape, etc. |
| COMMENTS | Use this especially to describe how you sampled and for notes about discards. |

Catch and Sample

| | |
|--------------------------|---|
| SPECIES CODE | Use an FAO three letter code. Main species are listed on the bottom of the form. Important ! Use a separate line to record discards amounting to more than just a few (5 or 6) fish. Give the reason for discard in the "COMMENTS" section above. |
| CATCH (mt) / (number) | Put the number or weight of fish whichever is appropriate, or both if available. All weights must be written as "mt" (metric tonnes). E.g.: 200kg is 0.2 mt. |
| FATE CODE | Shows what happened to the fish. Most common fate codes are in the table below. |
| NUMBER OF TAGS RECOVERED | Record all details, as requested, for any tags recovered in this set |

Sampling

| | |
|------------------------------|--|
| SPECIES CODE (1- 100) | Record species code for each fish you measure in the same order they are sampled. |
| LENGTH | The length of tuna (Upper jaw to fork length - UF) is measured from the tip of the upper jaw to the fork in the tail (caudal fork). Keep the mouth closed if possible. |
| Σ LENGTHS (= sum of lengths) | Only add up the lengths in the column above. This is used for data entry checking. |

A Number Sampled: Write the total individual species sampled in the appropriate boxes

B Sum of Lengths: Add all the length for each species and enter in the boxes under the headings

C Average Length: Sum of lengths sampled divided by sum of number sampled for each species. C = A / B (to the nearest cm.)

Important points

Fate codes:

- 1 Spread your sampling throughout the entire fishing period.
- 2 Always get a random sample.
- 3 Do not let crew select fish for you even though they are trying to assist.
- 4 **Be sure to separately Identify Yellowfin and Big-eye when sampling**
- 5 Do not measure damaged fish.
- 6 If using a deck tape, make sure fish is on the tape straight when measuring
- 7 If using a deck tape ensure the "0" end of the tape is placed against a flat surface or has a nose block.
- 8 **Record length to the nearest centimetre below down. E.g.: a 69.9 cm fish is recorded as 69 cm.**
- 9 Make sure that you take good notes of other species and discards while you are measuring fish.
- 10 Don't forget to note species code, especially when there is a change of species while you are measuring.

- RWW - Retained - whole weight
- RGG - Retained - gilled and gutted (kept for sale)
- RCC - Retained - crew consumption (onboard)
- ROR - Retained - other reason (specify)
- DTS - Discarded - too small
- DGD - Discarded - gear damage
- DUS - Discarded - undesirable species
- DOR - Discarded - other reason (specify)