# SPC/FFA REGIONAL PURSE SEINE OBSERVER DAILY LOG

**FORM PS - 2**

REV. DEC. 2016

| OBSERVER NAME | VESSEL NAME | OBSERVER TRIP ID NUMBER | PAGE    OF |
|---|---|---|---|

| | SHIP'S TIME | LATITUDE (dd°mm.mmm') | N S | LONGITUDE (ddd°mm.mmm') | E W | EEZ CODE | ACTIVITY CODE | WIND (kts) | ( ° ) | SEA C-S-M-R-V | HOW DETECT | SCHOOL ASSOC | COMMENTS (and **Set No.** - from PS-3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | If FAD involved be sure to fill out a GEN-5 Form - | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
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| 16 | | | | | | | | | | | | | |
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| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |

## START OF DAY

| SHIP's DATE | SHIP's TIME |
|---|---|
| UTC DATE | UTC TIME |

**ALL MUST BE RECORDED**

### ACTIVITY and HELICOPTER CODES

1 Set
2 Searching
3 Transit
4 No fishing - Breakdown
5 No fishing - Bad weather
6 In port - please specify
7 Net cleaning set
8 Investigate free school
9 Investigate floating object
10D Deploy - raft, FAD or payao
10R Retrieve - raft, FAD or payao
11 Drifting at day's end
12 Drifting with floating object
13 Other reason (specify)
14 Drifting -With fish aggregatting lights
15R Retrieve radio buoy
15D Deploy radio buoy
16 Transhipping or bunkering
17 Servicing FAD or floating object
18 Drifting - No fishing
H1 *Helicoptor takes off to search*
H2 *Helicopter returned from search*
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*If FAD involved be sure to fill out a GEN-5 Form - FAD and Floating Object Information Record*

*Changing buoys ? - use first line for 15R and next for 15D*

### HOW DETECTED

1 Seen from vessel
2 Seen from helicopter
3 Marked with beacon
4 Bird radar
5 Sonar / depth sounder
6 Info. from other vessel
7 Anchored FAD / payao (recorded)
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*"Seen from helicopter" Use when vessel gets to the school of tuna that helicopter either: 1. reported on; or 2. dropped buoy on*

### SCHOOL ASSOCIATION (tuna)

1 Unassociated  } Free schools
2 Feeding on Baitfish
3 Drifting log, debris or dead animal
4 Drifting raft, FAD or payao
5 Anchored raft, FAD or payao
6 Live whale
7 Live whale shark
8 Other (please specify)
9 No tuna associated

| FLOATING OBJECT AND SCHOOL SIGHTINGS | Anchored floating objects (with **NO** school) | (with school) | Free floating objects (no anchor) (with **NO** school) | (with school) | Free schools | DID YOU OBSERVE ANY EVENTS TO RECORD ON FORM GEN-3 TODAY |
|---|---|---|---|---|---|---|
| Example | Tally | Tally | Tally | Tally | Tally | **YES  NO** |
| /\\// **6** | No. | No. | No. | No. | No. | *(circle one)* **Journal** pg # |

# OBSERVER'S DAILY LOG

*Observer Name* and *Vessel Name* : Always print each of these names out **in full**
  (e.g. an observer name "John Masa", and a vessel name "Hai Hsiang No. 959")

*Observer Trip ID Number* : Number issued by the authority you are working for.
  (e.g. John Masa, on his 3rd trip in 1996 may get Trip ID No.: "JHM 96-03").

*Page   of   * : Number Form PS-2's through trip as Page 1, Page 2, Page 3, etc.
  **At end of trip** check pages are all there (again). Put last page number on every page
  (e.g. if there are 36 pages then the first page will be " Page 1 of 36 ", the fourth page,
  " Page 4 of 36 " and the last page will be " Page 36 of 36 ").

*Ships Time* : Record the "Ship's time" whenever there is a change of an activity.
  Be sure to record all activities. Record as often as necessary during the day.
  At the very least, record a morning, noon and evening position when in transit.

*Latitude* , *Longitude* , *N* , *S* , *E* , *W*: Record position as degrees, minutes and
  minutes to three decimal places, which is usually as it is displayed on a GPS.
  N.B.: dd = degrees; mm = minutes; mmm = decimal minutes.
  For latitude below 10° put a zero in front of the number (e.g.:write 5° as 05°).
  Never forget to enter north or south and east or west correctly
                    (for example "05°27.985' S, 152°28.239' W")

Start of day: At start of each day, date and time on ship's clock (and observer's watch) must be matched to the UTC time and date as read from the GPS. **Always record date as YY/MM/DD.*

Ship's Date and Ship's Time: is the date and time used by crew on board normally. The observer's watch should be set to this date and time as soon as they board.
UTC Date and UTC Time: is standard date and time used by scientists to correct the ship's date and time when it is used incorrectly, as it often is.
  Record Ship's date and time and UTC date and time at same moment each day. N.B.: UTC date is sometimes different from Ship's date.
  Observers should record Ship's time in all other forms and paperwork.

*EEZ Code* : Place the code for the EEZ (on back of Form GEN-6) for your position.
  Use the chart supplied or the chart of the vessel to work this out.
  If you are not sure then put the code for the EEZ where you think you are.

*Wind* *(kts)* (°): Record speed in knots and direction in degrees of the compass
  (e.g. for a 15 knot easterly wind, under (kts) print "15" and under (°) print "090")
  If the wind meter shows metres per second then (kts = 2 x m/sec) approximately.

*Sea conditions (C-S-M-R-V)* .
  C = Calm; S = Slight; M = Moderate; R = Rough; V = Very rough.
  Judge this yourself. A guide is the wind. If it has been blowing awhile then
  0-5 kts is calm; 5-10 kts is slight; 10-20 kts is moderate; 20-40 kts is rough;
  and anything over 40 kts is usually very rough, however not always so.

*Comments (and* *Set No* *. - from PS-3)* - for all activity code "1" write the set No. before ther comments in this field. Get "set No." from the PS-3 that must be used every set.

*Activity and Helicopter Codes* : The activity codes are shown on the front.
  Use only one code per entry. If it seems that two different codes could be used,
  record only the most important one and note the other in comments column.
  Please record every activity change throughout the day. There may be many. Note that, except for Helicopter codes, the start of a new activity marked by one code also means the end of the activity identified by the previous activity code.
  For *codes* 1, 8, 9 or **17** always use *school association* (*tuna* ) and *how detected* codes, otherwise the school association (tuna) and how detected code fields must be dashed !
  **Use 15R and 15D when vessel retrieves or deploys a buoy set** on FAD or log
  - if changing buoys use 15R on one line and 15D on the next.
  If using **code 16** remember that **transhipment** includes any transfer between vessels
  Use **code 17** if making any repair or change to floating objects other than changing buoys
  Helicopter codes: Use whenever helicopter takes off or lands. Comment to describe main activity for each take off / landing - e.g.: search, set buoy, visit other (*named* ) vessel, arrive from other (*named* ) vessel, visit shore, rescue seaman, etc.

*Floating object and school sightings* : Through each day try to keep count of every floating objects and free schools. Try to note if floating objects have fish with them or not.
  Also count anchored floating objects (FADs or payaos) and note if they have fish.
  Note that free schools can be feeding on baitfish or completely unassociated.
  This can be a rough but sensible count. It is used to get an idea of life in your area.
  **Floating objects** can include trees, logs, drums, FADs, payaos or other lumps of debris.
*Tally* : Mark with a stroke every time you sight something (see example on front)
*No* : Count the "tally" strokes at end of day to get the number of each type of sighting.

*How Detected* : Use this code to best show how investigated tuna or object was found.
  If more than one method used, use code that shows what **first** made vessel
  change course to inspect tuna or object (E.g.: If helicopter reports tuna so vessel turns toward its position but had to use its
  bird radar to finally find the tuna then use code "2" - seen from helicopter.)
  N.B. : usually a depth sounder or sonar is only used to investigate an already found object or fish, so code "5" should not be used very often. It is usually something else that first causes a vessel to change direction to investigate a school or floating object further.
  Anchored FAD - use code 7 only if FAD is found because its position is recorded on chart.

*Did You Observe Any Events To Record On Form GEN-3 Today* ?
  Circle **Yes** if any infringements, as listed on Form GEN-3, were observed.
  Write notes on Form GEN-3 and in journal; record the journal page No. on this form. If there was no incident for the day circle **No**.

*School Association* ( *tuna* ) : Use "School Association" code that best describes if
  *tuna* being targetted are with floating object, animal, feeding on baitfish, unassociated.
  If it is an unusual **tuna** association comment here and describe in journal.