

#

## PS Score Sheet:

## Header Details

7	Observer name	Cc		5	
8	Observer trip id no	Cc		5	
9	Vessel name	Cc		5	
10	Page numbers	Cc		5	

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## SUP-2 Workbook reference form

11	Observer Prog. Details	Cc		1	
12	Special Projects	Cc		1	
13	Forms Management	Cc		1	

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Quick Sum (Header &amp; Wbk Ref. form (i))

## PS 1 (page 1)

Data submitted	Cc		1	
Observer Programme	Cc		2	
Obs. Name/ nationality	Cc		2	
Obs. Trip ID No.	Cc		1	
Trip start/ end location	Cc		2	
Trip start DATE and time	Cc		2	
Trip end DATE and time	Cc		2	
Vessel name	Cc		2	
Fishing permits	Cc		3	
Vessel dep: port and date	Cc		2	
Vessel Owner	Cc		2	
Country Reg. no	Cc		2	
IRCS & flag	Cc		1	
UVI	Cc		1	
Length and GT / GRT	Cc		2	
No. of speed boats	Cc		2	
Do tender boats work with	Cc		2	
Net skiff (make & model)	Cc		3	
Cruising Speed	Cc		2	
Hel - Make and model	Cc		2	
Hel - Registration number	Cc		1	
Hel - Colour	Cc		1	
Hel - Effective range	Cc		1	
Hel - No of vessels serviced	Cc		2	

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## PS 1 (page 1) Contd

Power block	Cc		3	
Purse winch	Cc		3	
Net - max (dp / len / units)	Cc		3	
Net - no. of strips	Cc		1	
Net - mesh size /units	Cc		1	
Brailer Type	Cc		3	
Brailer mT	Cc		3	
Live fish brailing	Cc		3	
Brail Change Comments	Cc		3	
Y / N	Cc		2	
Usage	Cc		1	
Advances in technology	Cc		3	
Make	Cc		3	
Model	Cc		3	
Comments	Cc		2	
VMS- system, usage,	Cc		2	
Communication S (ph/fax)	Cc		3	
Information S - weather	Cc		1	
Information S - website	Cc		1	
Observ. gear/ use of gear	Cc		2	

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 Observer's page score (PS-1 page 1 only)

#

**PS 1 (page 2)**

Data submitted	Cc		1	
Total possible storage	Cc		3	
Captain	Cc		2	
Master (name, yrs, nati.)	Cc		1	
Officers (name, yrs, nati.)	Cc		1	
Crew (name, yrs, nati.)	Cc		1	
Comments	Cc		2	
Total no of crew (inclu cap+o)	Cc		2	
Y / N	Cc		1	
Description	Cc		2	

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**PS 1 (page 2) Contd**

Lifejacket provid /suitable	Cc		1	
Lifejacket avail.	Cc		1	
No. of lifebuoys/rings	Cc		1	
LR - number of people	Cc		1	
LR - inspection date	Cc		1	
EPIRBs - 406	Cc		1	
EPIRBs 406 exp batteries	Cc		1	
EPIRBs - other (Total No.)	Cc		1	
EP-other (No. with exp bat	Cc		2	
Drawings & comments	Cc		1	

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**PS 2 Daily Log**

Data submitted	Cc		2	
Start of day - time/date	Cc		2	
UTC date + time.	Cc		2	
Ship's time	Cc		3	
Position	Cc		3	
Fishing position (always for 1)	Cc		3	
EEZ	Cc		1	
Activity -Minimum of 3	Cc		3	
Excessive	Y		2	
Logical	Y		2	
End of day	Cc		2	
Every set activity has 1	Cc		3	
Net cleaning sets.	Cc		1	
All free schools recorded	Cc		2	
Free sch. invest.before sets	Cc		2	
Unique 8	Cc		2	

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**PS 2 Daily Log Contd**

All floating objects	Cc		2	
Logs invest.before set	Cc		2	
Unique 9	Cc		2	
Knots and degrees	Cc		1	
Aligned with sea state	Cc		1	
Sea states	Cc		1	
For activity code 1	Cc		5	
For activity code 8	Cc		5	
For activity code 9	Cc		5	
For activity code 10	Cc		3	
Complete for 12	Cc		3	
Complete for 15	Cc		3	
Complete for 17	Cc		3	
Comments and set no.	Cc		2	
Sightings	Cc		2	
GEN-3	Cc		2	
Journal page	Cc		2	

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Observer's page score

#

**PS 3 Set Information**

Data submitted	Cc	2
Set No. (from page no.)	Cc	1
Obs. (st of set date + time)	Cc	1
Ves. (st of set date + time)	Cc	2
if SSI observed, Obs time	Cc	3
Set sequence times	Cc	2
Brail capacity (type 1)	Cc	3
Sum of all brails (type1)	Cc	1
Brail capacity (type 2)	Cc	3
Sum of all brails (type 2)	Cc	2
Total bycatch	Cc	3
Less bycatch	Cc	1
Total tuna catch	Cc	1
Y/N circled	Cc	2
% data fields	Cc	2
Number of large YFT + BET	Cc	3
Species Code	Cc	1
Fate Code	Cc	2
Obs.(mt + no)	Cc	1
Ves. Log (mt + no.)	Cc	1
V2 : SSI Condition Caught	Cc	1
V2 : SSI Condition Discard	Cc	1
Total weight of bycatch obs.+	Cc	1
Comments / SSI Treatment	Cc	4
SSI Gear Int : Species Code	Cc	2
SSI Gear Int : Gear Int Code	Cc	3
SSI Gear Int : mt + number	Cc	2
SSI Gear Int : Capt/Rel	Cc	2
SSI Gear Int :Comm/Treat.	Cc	2

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**PS 3 Set Information Contd**

A: Obs. Est of each spp.	Cc	1
Obs fate	Cc	1
Obs mt	Cc	3
Vesse fate	Cc	3
Vessel mT	Cc	2
B Obs. totals discards +	Cc	2
Fate	Cc	1
Tuna Ret: Obs (mT)	Cc	1
Tuna Ret:Vessel (mT)	Cc	1
RWW: Observer (mt)	Cc	1
RWW: Vessel (mt)	Cc	1
Gear/ mit: Observer mt	Cc	1
Gear/ mit: Vessel mt	Cc	2
Target Tuna	Cc	2
Juvenile Tuna	Cc	2
Bycatch Tuna	Cc	1
Billfish	Cc	1
Sharks	Cc	1
Other species	Cc	1
SSI	Cc	2
Tags	Cc	2
All comments	Cc	1

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Observer's page score

#

**PS 4 Length Frequency**

Data submitted	Cc		2	
Only one ticked	Cc		1	
If grab (target no)	Cc		2	
If spill (brail # sampled + how)	Cc		1	
If other ( use code)	Cc		2	
Which bail size was sampled	Cc		2	
Brail times	Cc		1	
No. of PS-4 forms used	Cc		1	
Measuring instrument	Cc		1	
Calibrated this set	Cc		2	
+/- mm	Cc		2	
Comments on sampling protocol	Cc		2	
Brail tallies	Cc		2	
Brail tally tot no. filled	Cc		1	
Total brails	Cc		2	
Sum of all brails	Cc		2	
Pattern; fullness	Cc		1	
Pattern: samples	Cc		1	

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**PS 4 Length Freq. Contd**

Species code	Cc		2	
Length - cm	Cc		2	
Column totals	Cc		2	
LF data reflects sample type	Cc		1	
Number sampled	Cc		1	
Sum of lengths	Cc		2	
Average length	Cc		1	
Tuna, shark and bycatch	Cc		1	
Billfish	Cc		1	
Turtles	Cc		1	
Rays	Cc		1	
Fish with no fork	Cc		1	
Birds	Cc		1	

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**PS 5**

Data submitted	Cc		2	
Date and time	Cc		1	
Well activity codes	Cc		2	
Source	Cc		2	
Destination	Cc		2	
Metric tonnes moved	Cc		2	

/ 11

**PS 5 Contd**

Vessel change	Cc		1	
New Cumulative total	Cc		2	
Recorded on logsheet	Cc		1	
Comments	Cc		1	
CR well numbers	Cc		1	

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Quick Sum: PS forms pages 1-5  
equals (ii):

Observer's page score

#

**Gen - 1 + (GEN- 1 Supp) Vessel Sightings**

Data submitted	Cc		2	
Ship's Time and date	Cc		2	DNE
Observer's v. position	Cc		2	DNE
Name	Cc		1	DNE
IRCS	Cc		1	DNE
Flag	Cc		1	DNE
Type code	Cc		1	DNE
Compass bearing and distance	Cc		1	DNE
Action code/ photo frame	Cc		1	DNE
Photo frame #	Cc		1	DNE
Comments	Cc		1	DNE
			<b>/ 14</b>	

Minus from Total = new Total

**Gen - 1 + (GEN-1 Supp) Vessel Sightings Contd**

Obs vessel - date + time	Cc		1	DNE
Obs vessel - position	Cc		1	DNE
Other vessel - name	Cc		1	DNE
Other vessel -IRCS	Cc		1	DNE
Other vessel - Flag	Cc		1	DNE
Other vessel - type code	Cc		1	DNE
Species	Cc		2	DNE
Units (weight or no.)	Cc		1	DNE
Action code - host vessel	Cc		1	DNE
Comments	Cc		1	DNE
			<b>/ 11</b>	

Minus from Total = new Total

**Gen - 2 SSI Vessel Interactions**

A complete set	Cc		2	
Observer Name	Cc		1	DNE
Vessel Name	Cc		1	DNE
Observer Trip ID Number	Cc		1	DNE
Page No. ...of ...	Cc		1	DNE
SSI Code	Cc		2	DNE
Start of Interaction time	Cc		1	DNE
End of Interaction time	Cc		1	DNE
Date	Cc		1	DNE
			<b>/ 11</b>	

Minus from Total = new Total

**Gen - 2 Vessel Interactions**

Position (Lat, Long)	Cc		1	DNE
Vessel Interact Code	Cc		2	DNE
Estim. dist from vess (Start)	Cc		1	DNE
Estim. dist from vess (End)	Cc		1	DNE
Condition code (Start)	Cc		1	DNE
Condition code (End)	Cc		1	DNE
Estimates of Length (Adult)	Cc		1	DNE
Estimates of Length (Juv.)	Cc		1	DNE
Total Numbers (Adults)	Cc		1	DNE
Total Numbers (Juveniles)	Cc		1	DNE
			<b>/ 11</b>	

Minus from Total = new Total

**Gen - 2 SSI Sightings**

A complete set	Cc		2	
Observer Name	Cc		1	DNE
Vessel Name	Cc		1	DNE
Observer Trip ID No.	Cc		1	DNE
Page No. of	Cc		1	DNE
Date	Cc		1	DNE
Position (Lat. Long)	Cc		1	DNE
			<b>/ 8</b>	

Minus from Total = new Total

**Gen - 2 SSI Sightings**

Sighting code	Cc		1	DNE
Tally	Cc		1	DNE
Total Number	Cc		1	DNE
Species Description	Cc		2	DNE
Species ID	Cc		1	DNE
			<b>/ 6</b>	

Minus from Total = new Total

Observer's page score

DNE new Total : Quick Page Sum

#

**Gen -3 Compliance (pg1)**

Data submitted	Cc		2	
Observer Programme	Cc		1	
Trip Start Date	Cc		2	
Trip End Date	Cc		1	
Nationality of boarding vess.	Cc		1	
Obs. name, national, trip ID	Cc		1	
Vessel name,	Cc		1	
Coastal states lic	Cc		1	
Country reg. no.	Cc		1	
UVI, IRCS	Cc		1	
Vessel flag	Cc		1	
Vessel gear type	Cc		1	
Obs right - Ticked	Cc		1	
Obs rights- Page No	Cc		1	

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**Gen -3 Compliance (pg 2)**

Data submitted	Cc		1	
Description is clear	Cc		1	

/ 2

**Gen -3 Compliance Contd (pg1)**

Nat Reg - Ticked	Cc		1	
Nat Reg - Page No	Cc		1	
WCPFC - Ticked	Cc		2	
WCPFC - Page No	Cc		1	
Log Rec - Ticked	Cc		1	
Log Rec- Page No	Cc		1	
SSI - Ticked	Cc		1	
SSI - Page No	Cc		1	
Poll- Ticked	Cc		1	
Poll-Page No	Cc		1	
Sea S. - Ticked	Cc		1	
Sea S. -Page No	Cc		1	

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**Gen -3 Compliance Contd (pg2)**

Journal Page no	Cc		1	
Signature & date	Cc		1	

/ 2

**Gen -4 Conversion**

Data submitted	Cc		1	
Measuring Instrument	Cc		1	DNE
Scale - make, model, capacity	Cc		1	DNE
Ship - start & end - date + time	Cc		1	DNE
Set number & ship's time	Cc		1	DNE

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Minus from Total = new Total

**Gen -4 Conversion Contd**

Label & species code	Cc		1	DNE
Lengths	Cc		1	DNE
Weights	Cc		1	DNE
Processed weights	Cc		1	DNE
Landed weights	Cc		1	DNE
Comments	Cc		1	DNE

/ 6

Minus from Total = new Total

**Gen -5 FAD**

Data submitted	Cc		2	
Date and time	Cc		1	DNE
Set number	Cc		1	DNE
Object number	Cc		1	DNE
Origin of FAD	Cc		1	DNE
Deployment Position	Cc		1	DNE
Fad as found	Cc		1	DNE
FAD lifted Y / N	Cc		1	DNE
FAD as left	Cc		1	DNE
Main materials	Cc		1	DNE
Net / mesh size	Cc		1	DNE

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Minus from Total = new Total

**Gen -5 FAD Contd**

Attachments	Cc		1	DNE
Max est. depth	Cc		1	DNE
FAD length	Cc		1	DNE
FAD width	Cc		1	DNE
Buoy number	Cc		2	DNE
FAD / Payao No & mark.	Cc		1	DNE
SSI seen	Cc		1	DNE
SSI Trapped	Cc		1	DNE
Comments / change det.	Cc		1	DNE
Diagrams	Cc		1	DNE

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Minus from Total = new Total

Observer's page score

DNE new Total : Quick Page Sum

#

**Gen -6 Pollution**

Data submitted	Cc		2		
Date and time	Cc		1		DNE
Position	Cc		1		DNE
EEZ/ Harbour	Cc		1		DNE
Wind speed and direction	Cc		1		DNE
Sea conditions + current	Cc		1		DNE
Observer's vessel activity.	Cc		1		DNE
Name of offending	Cc		1		DNE
IRCS + vessel type	Cc		1		DNE
Position from offending ves.	Cc		1		DNE
Material ticked	Cc		1		DNE
Describe type	Cc		1		DNE
Describe quantity	Cc		1		DNE

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Minus from Total = new Total

**Gen -6 Pollution Contd**

Source ticked	Cc		1		DNE
Visual appearance/color	Cc		1		DNE
Describe area/ quantity	Cc		1		DNE
Activity ticked	Cc		1		DNE
Describe gear	Cc		1		DNE
Estimate quantity	Cc		1		DNE
Other comments	Cc		1		DNE
Y/N	Cc		1		DNE
Photo frame	Cc		1		DNE

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Minus from Total = new Total

**Trip Reconciliation**

A complete set	Cc		1		
All travel details data fields	Cc		1		DNE

/ 2

Minus from Total = new Total

Adv: A complete set	Cc		1		DNE
Adv: All data fields	Cc		1		DNE

/ 2

Minus from Total = new Total

**Tag Recovery Form**

Data submitted	Cc		1		
Tag Number	Cc		1		DNE
Date returned/ found	Cc		1		DNE
Where found	Cc		1		DNE
Activity when found	Cc		1		DNE
Well number	Cc		1		DNE
Species	Cc		1		DNE
Species Reliability	Cc		1		DNE
Fork length	Cc		1		DNE
How measured	Cc		1		DNE
Who measured	Cc		1		DNE
Processed state - measured	Cc		1		DNE
Fish weight	Cc		1		DNE
How weighed	Cc		1		DNE
Processed state ? - weighed	Cc		1		DNE
Date caught/ catch	Cc		1		DNE
Latitude of catch	Cc		1		DNE
Longitude of catch	Cc		1		DNE
Fishing area description	Cc		1		DNE

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Minus from Total = new Total

**Tag Recovery Form Contd**

Vessel name	Cc		1		DNE
Flag	Cc		1		DNE
Fishing Method	Cc		1		DNE
School type	Cc		1		DNE
Carrier Name	Cc		1		DNE
Carrier flag	Cc		1		DNE
Date of transhipment	Cc		1		DNE
Location of transhipment	Cc		1		DNE
Position of transhipment	Cc		1		DNE
Finder Name	Cc		1		DNE
Finder address	Cc		1		DNE
Port/ Country of recovery	Cc		1		DNE
Information received at	Cc		1		DNE
Tag provided with this form	Cc		1		DNE
Form completed by	Cc		1		DNE

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Minus from Total = new Total

Observer's page score

DNE new Total : Quick Page Sum

#

**Written Report**

1.0 Background	Exc	4	Vg	2	Gd	1
2.0 Cruise Summary	Exc	4	Vg	2	Gd	1
3.0 Data Collected	Exc	4	Vg	2	Gd	1
4.0 Vessel + Crew	Exc	4	Vg	2	Gd	1
5.0 Fishing Strategy	Exc	4	Vg	2	Gd	1
6.0 Chain of Custody	Exc	4	Vg	2	Gd	1
7.0 Environ. Cond.	Exc	4	Vg	2	Gd	1
8.0 Catch Details	Exc	4	Vg	2	Gd	1
9.0 Sampling	Exc	4	Vg	2	Gd	1
10.0 Other Projects	Exc	4	Vg	2	Gd	1
11.0 Well loadings	Exc	4	Vg	2	Gd	1
12.0 Vessel own data	Exc	4	Vg	2	Gd	1
13.0 General	Exc	4	Vg	2	Gd	1
14.0 Vessel Trip Monitoring	Exc	4	Vg	2	Gd	1
15.0 Problems encounter	Exc	4	Vg	2	Gd	1
16.0 Conclusion	Exc	4	Vg	2	Gd	1
17.0 Acknowledge	Exc	4	Vg	2	Gd	1

**/ 68****Journal**

Dates	Exc	4	Vg	2	Gd	1
Times	Exc	4	Vg	2	Gd	1
Page numbers	Exc	4	Vg	2	Gd	1
Headings	Exc	4	Vg	2	Gd	1
Chronological order	Exc	4	Vg	2	Gd	1
Information provided	Exc	4	Vg	2	Gd	1
Sufficient information	Exc	4	Vg	2	Gd	1
New day/ new page	Exc	4	Vg	2	Gd	1
Hand writing	Exc	4	Vg	2	Gd	1

**/36****Data Presentation**

Directly	Cc		3	
Clear & legible	Cc		3	
One response	Cc		3	
No vague data	Cc		3	
Comment correct	Cc		3	
Pencil (if necessary)	Cc		3	
Previous Standard	Cc		3	

**/ 21****Data Submission**

** Within 7 days time frame	Y		3	
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Observer's page score

DNE new Total : Quick Page Sum

Quick Sum: Add the Observer's page scores for (GEN, SUP + Tag Recovery Form)= (iii)

Quick Sum: Add the DNE new Total page scores for (GEN, SUP + Tag Recovery Form) = b.



<u>data forms</u>	<u>SCORE</u>	<u>FULL SCORE</u>
(i) Header& Wbk Ref. form		<b>23</b>
(ii) PS forms 1 to5		<b>343</b>
(iii) GEN, SUP + Tag Recovery form		<b>189</b>
		<b>555</b>
		a.
total data score	base data score	
(i+ii+iii) = b.		c.

Note: to get box a. add up all the DNE scores - that is all the new Total boxes on pages 5 to 7 and place the result in this box.

For b. total data score - add up lines (i to iii).

For c. base form score - subtract a. from 555

**So percentage score is:** Data Forms :  $100 \times \text{Total data score} / \text{Base data score} = \underline{\hspace{2cm}}$  % : Data Form Percentage

<u>Reporting</u>	<u>SCORE</u>	<u>FULL SCORE</u>
(w) Written Report		<b>68</b>
(x) Journal		<b>36</b>
(y) Data present./ submission		<b>24</b>
(z) RGKQ		<b>20</b>
(add up w. x, y, z) Reporting Score +		<b>148</b>

$100 \times \text{SCORE} / 68 = \underline{\hspace{2cm}}$  % Written Report Percentage

$100 \times \text{SCORE} / 36 = \underline{\hspace{2cm}}$  % Journal Percentage

$100 \times \text{SCORE} / 24 = \underline{\hspace{2cm}}$  % Data Presentation Percentage

5 questions, 4 points each

$100 \times \text{Score} / 148 = \underline{\hspace{2cm}}$  % Reporting Presentation

Overall PERCENTAGE SCORE IS

$100 \times (\text{Reporting Score} + \text{Total Data Score b.}) = \underline{\hspace{2cm}}$

% Overall Percentage Score

148 + Base Data Score c.

To be considered satisfactory data and report must be completed within 14 calendar days after returning to port, the written report assessment must have at least 14 of the sections that are not weak as assessed by the debriefer and the data must score at least 85% and above. Note that this is an interim measure and that the standards will soon be increased to 90% for the data and eventually to 95%.

Debriefer's Signature : I have personally debriefed this trip to the best of my knowledge and state that this score reflects the observer's efforts.

NAME / Signed / Dated