

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	
				/ 20

SUP-2 Workbook reference form

11	Observer Prog. Details	Cc	1	
12	Special Projects	Cc	1	
13	Forms Management	Cc	1	
				/ 3

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

PS 1 (page 1)

14	Data submitted	Cc	1	
15	Observer Programme	Cc	2	
16	Obs. Name/ nationality	Cc	2	
17	Obs. Trip ID No.	Cc	1	
18	Trip start/ end LOCATION	Cc	2	
19	Trip start DATE and time	Cc	2	
20	Trip end Date and time	Cc	2	
21	Vessel name	Cc	2	
22	Fishing permits	Cc	3	
23	Vessel dep. Port and date	Cc	2	
24	Vessel Owner	Cc	2	
25	Country Reg. no	Cc	2	
26	IRCS & flag	Cc	1	
27	UVI	Cc	1	
28	Length and Gross Tonnage	Cc	2	
29	No. of speed boats	Cc	2	
30	Do tender boats work with	Cc	2	
31	Net skiff (make & model)	Cc	3	
32	Cruising Speed	Cc	2	
33	Hel - Make and model	Cc	2	
34	Hel - Registration number	Cc	1	
35	Hel - Colour	Cc	1	
36	Hel - Effective range	Cc	1	
37	Hel - No of vessels serviced	Cc	2	
				/ 43

PS 1 (page 1) Contd

38	Power block	Cc	3	
39	Purse winch	Cc	3	
40	Net - max (dp / len / units)	Cc	3	
41	Net - no. of strips	Cc	1	
42	Net - Mesh size /units	Cc	1	
43	Brailer capacity	Cc	3	
44	Brailer description	Cc	3	
45	Live fish brailing	Cc	3	
46	Y / N	Cc	2	
47	Usage	Cc	1	
48	Advances in technology	Cc	3	
49	Make	Cc	3	
50	Model	Cc	3	
51	Comments	Cc	2	
52	VMS- system, usage,	Cc	2	
53	Communication S (ph/fax)	Cc	3	
54	Information S - weather	Cc	1	
55	Information S - other	Cc	1	
56	Observ. gear/ use of gear	Cc	2	
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Observer's page score (PS-1 only)

PS 1 (page 2)

57	Data submitted	Cc		1	
58	Total possible cap.	Cc		3	
59	Captain	Cc		2	
60	Master (name, yrs, nati.)	Cc		1	
61	Officers (name, yrs, nati.)	Cc		1	
62	Crew (name, yrs, nati.)	Cc		1	
63	Comments	Cc		2	
64	Total no of crew (inclu cap+o)	Cc		2	
65	Y/N	Cc		1	
66	Description	Cc		2	

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PS 1 (page 2) Contd

67	Lifejacket provid /suitable	Cc		1	
68	Lifejacket avail.	Cc		1	
69	No. of lifebuoys/rings	Cc		1	
70	LR - number of people	Cc		1	
71	LR - inspection data	Cc		1	
72	EPIRBs - 406	Cc		1	
73	EPIRBs 406 exp batteries	Cc		1	
74	EPIRBs - other (Total No.)	Cc		1	
75	EP - other (No. with exp ba	Cc		2	
76	Drawings \$ comments	Cc		1	

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PS 2 Daily Log

77	Data submitted	Cc		2	
78	Start of day - time/date	Cc		2	
79	UTC date + time.	Cc		2	
80	Ship's time	Cc		3	
81	Position	Cc		3	
82	Fishing position (always for 1	Cc		3	
83	EEZ	Cc		1	
84	Activity -Minimum of 3	Cc		3	
85	Excessive	Y		2	
86	Logical	Y		2	
87	End of day	Cc		2	
88	Every set activity	Cc		3	
89	Net cleaning sets.	Cc		1	
90	All free	Cc		2	
91	Invest.before free sch. sets	Cc		2	
92	Unique 8	Cc		2	

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PS 2 Daily Log Contd

93	All floating objects	Cc		2	
94	Logs invest.before set	Cc		2	
95	Unique 9	Cc		2	
96	Knots and degrees	Cc		1	
97	Aligned with sea state	Cc		1	
98	Sea states	Cc		1	
99	For activity code 1	Cc		5	
100	For activity code 8	Cc		5	
101	For activity code 9	Cc		5	
102	For activity code 10	Cc		3	
103	Complete for 12	Cc		3	
104	Complete for 15	Cc		3	
105	Complete for 17	Cc		3	
106	Comments and set no.	Cc		2	
107	Sightings	Cc		2	
108	GEN-3	Cc		2	
109	Journal page	Cc		2	

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Observer's page score

PS 3 Set Information

110	Data submitted	Cc		2	
111	Set No. (from page no.)	Cc		1	
112	Obs. (st of set date + time)	Cc		1	
113	Ves. (st of set date + time)	Cc		2	
114	Set sequence times	Cc		3	
115	Brail capacity (type 1)	Cc		3	
116	Sum of all brails (type1)	Cc		1	
117	Brail capacity (type 2)	Cc		3	
118	Sum of all brails (type 2)	Cc		2	
119	Total bycatch	Cc		3	
120	Less bycatch	Cc		1	
121	Total tuna catch	Cc		1	
122	Y/N circled	Cc		2	
123	% data fields	Cc		2	
124	Number of large YFT + BET	Cc		3	
125	Species Code	Cc		1	
126	Fate Code	Cc		2	
127	Obs.(mt + no)	Cc		1	
128	Ves. Log (mt + no.)	Cc		1	
129	Total weight of bycatch obs.+	Cc		1	

/ 36**PS 3 Set Information Contd**

130	A: Obs. Est of each spp.	Cc		1	
131	Obs fate	Cc		1	
132	Obs mt	Cc		3	
133	Vesse fate	Cc		3	
134	Vessel mT	Cc		2	
135	B Obs. totals discards +	Cc		2	
136	Fate	Cc		1	
137	Tuna Ret: Obs (mT)	Cc		1	
138	Tuna Ret:Vessel (mT)	Cc		1	
139	RWW: Observer (mt)	Cc		1	
140	RWW: Vessel (mt)	Cc		1	
141	Gear/ mit: Observer mt	Cc		1	
142	Gear/ mit: Vessel mt	Cc		2	
143	Target Tuna	Cc		2	
144	Juvenile Tuna	Cc		2	
145	Bycatch Tuna	Cc		1	
146	Billfish	Cc		1	
147	Sharks	Cc		1	
148	Other species	Cc		1	
149	SSI	Cc		2	
150	Tags	Cc		2	
151	All comments	Cc		1	

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Observer's page score

PS 4 Length Frequency

152	Data submitted	Cc		2	
153	Only one ticked	Cc		1	
154	If grab (target no)	Cc		2	
155	If spill (brail # sampled + how)	Cc		1	
156	If other (use code)	Cc		1	
157	Which bail size was sampled	Cc		1	
158	Brail times	Cc		2	
159	No. of PS-4 forms used	Cc		2	
160	Measuring instrument	Cc		1	
161	Calibrated this set	Cc		1	
162	Comments on sampling protoc	Cc		2	
163	Brail tallies	Cc		2	
164	Brail tally tot no. filled	Cc		1	
165	Total brails	Cc		2	
166	Sum of all brails	Cc		2	
167	Pattern; fullness	Cc		1	
168	Pattern: samples	Cc		1	

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PS 4 Length Freq. Contd

169	Species code	Cc		2	
170	length - cm	Cc		2	
171	column totals	Cc		2	
172	LF data reflects sample type	Cc		1	
173	Number sampled	Cc		2	
174	Sum of lengths	Cc		2	
175	Average length	Cc		1	
176	Tuna, shark and bycatch	Cc		1	
177	Billfish	Cc		1	
178	Turtles	Cc		1	
179	Rays	Cc		1	
180	Fish with no fork	Cc		1	

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PS 5

181	Data submitted	Cc		2	
182	Date and time	Cc		2	
183	Well activity codes	Cc		2	
184	Source	Cc		2	
185	Destination	Cc		2	
186	Metric tonnes moved	Cc		2	

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PS 5 Contd

187	Vessel change	Cc		1	
188	New Cumulative total	Cc		2	
189	Recorded on logsheet	Cc		1	
190	Comments	Cc		1	
191	CR well numbers	Cc		1	

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Observer's page score

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

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

192	Data submitted	Cc		2	
193	Ship's Time and date	Cc		2	DNE
194	Observer's v. position	Cc		2	DNE
195	Name	Cc		1	DNE
196	IRCS	Cc		1	DNE
197	Flag	Cc		1	DNE
198	Type code	Cc		1	DNE
199	Compass bearing and distance	Cc		1	DNE
200	Action code/ photo frame	Cc		1	DNE
201	Photo frame #	Cc		1	DNE
202	Comments	Cc		1	DNE
				/ 14	

Minus from Total = new Total

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

203	Obs vessel - date + time	Cc		1	DNE
204	Obs vessel - position	Cc		1	DNE
205	Other vessel - name	Cc		1	DNE
206	Other vessel -IRCS	Cc		1	DNE
207	Other vessel - Flag	Cc		1	DNE
208	Other vessel - type code	Cc		1	DNE
209	Species	Cc		2	DNE
210	Units (weight or no.)	Cc		1	DNE
211	Action code - host vessel	Cc		1	DNE
212	Comments	Cc		1	DNE
				/ 11	

Minus from Total = new Total

Gen - 2 SSI

213	Data submitted	Cc		2	
214	Species code	Cc		1	DNE
215	Species description	Cc		1	DNE
216	The species was ticked	Cc		2	DNE
217	Time of first obs. sighting	Cc		2	DNE
218	Final encounter	Cc		1	DNE
219	Final encounter - position	Cc		1	DNE
220	Obs. Sight before set	Cc		1	DNE
221	Landed- condition code	Cc		1	DNE
222	Landed - condition desc.	Cc		1	DNE
223	Discarded - condition code	Cc		1	DNE
224	Discarded - condition desc.	Cc		1	DNE
225	Length	Cc		1	DNE
226	Length code	Cc		1	DNE
227	Sex	Cc		1	DNE
228	Description	Cc		1	DNE
				/ 19	

Minus from Total = new Total

Gen - 2 SSI Contd

229	Retrieved - tag number	Cc		1	DNE
230	Retrieved - type and organ	Cc		1	DNE
231	Placed - tag number	Cc		1	DNE
232	Placed - type + organ	Cc		1	DNE
233	Vessel activity ticked	Cc		1	DNE
234	Start of interaction - no.	Cc		1	DNE
235	Start of inter. cond code	Cc		1	DNE
236	End of inter -no.	Cc		1	DNE
237	End of inter-code	Cc		1	DNE
238	End of inter-description	Cc		1	DNE
239	Description	Cc		1	DNE
240	Vessel activity when sighted	Cc		1	DNE
241	Number sighted	Cc		1	DNE
242	Number of adults	Cc		1	DNE
243	Number of juveniles	Cc		1	DNE
244	Estimate of length	Cc		1	DNE
245	Distance from vessel	Cc		1	DNE
246	Species behaviour	Cc		1	DNE
				/ 18	

Minus from Total = new Total

Gen - 2 Supp

247	Data submitted	Cc		1	
248	Measuring Instrument	Cc		1	DNE
249	Start of set date and time	Cc		1	DNE
250	Species code	Cc		1	DNE
251	Sex	Cc		1	DNE
252	Length	Cc		1	DNE
253	Length code	Cc		1	DNE
				/ 7	

Minus from Total = new Total

Gen - 2 Supp Contd

254	Cond - land	Cc		1	DNE
255	Cond - disc.	Cc		1	DNE
256	Description	Cc		1	DNE
257	Further comments	Cc		1	DNE
258	More measurements	Cc		1	DNE
				/ 5	

Minus from Total = new Total

Observer's page score

DNE new Total : Quick Page Sum

Gen -3 Compliance (pg1)

259	Data submitted	Cc		2	
260	Observer Programme	Cc		1	
261	Nationality of boarding vess.	Cc		2	
262	Obs. name, national, trip ID	Cc		1	
263	Vessel name,	Cc		1	
264	Coastal states lic	Cc		1	
265	Country reg.	Cc		1	
266	UVI, IRCS	Cc		1	
267	Vessel flag	Cc		1	
268	Vessel gear type	Cc		1	
269	Obs right - Ticked	Cc		1	
270	Obs rights- Page No	Cc		1	

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Gen -3 Compliance (pg 2)

283	Data submitted	Cc		1	
284	Description is clear	Cc		1	

/ 2

Gen -3 Compliance Contd (pg1)

271	Nat Reg - Ticked	Cc		1	
272	Nat Reg - Page No	Cc		1	
273	WCPFC - Ticked	Cc		2	
274	WCPFC - Page No	Cc		1	
275	Log Rec - Ticked	Cc		1	
276	Log Rec- Page No	Cc		1	
277	SSI - Ticked	Cc		1	
278	SSI - Page No	Cc		1	
279	Poll- Ticked	Cc		1	
280	Poll-Page No	Cc		1	
281	Sea S. - Ticked	Cc		1	
282	Sea S. -Page No	Cc		1	

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Gen -3 Compliance Contd (pg2)


285	Journal Page no	Cc		1	
286	Signature & date	Cc		1	

/ 2

Gen -4 Conversion


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

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Minus from Total = new Total **Gen -4 Conversion Contd**


291	Label & species code	Cc		1	DNE
292	Lengths	Cc		1	DNE
293	Weights	Cc		1	DNE
294	Processed weights	Cc		1	DNE
295	Landed weights	Cc		1	DNE
	Comments	Cc		1	DNE

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Minus from Total = new Total **Gen -5 FAD**


297	Data submitted	Cc		2	
298	Date and time	Cc		1	DNE
299	Set number	Cc		1	DNE
300	Object number	Cc		1	DNE
301	Origin of FAD	Cc		1	DNE
302	Deployment Position	Cc		1	DNE
303	Fad as found	Cc		1	DNE
304	FAD lifted Y / N	Cc		1	DNE
305	FAD as left	Cc		1	DNE
306	Main materials	Cc		1	DNE
307	Net / mesh size	Cc		1	DNE

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Minus from Total = new Total **Gen -5 FAD Contd**

308	Attachments	Cc		1	DNE
309	Max est. depth	Cc		1	DNE
310	FAD length	Cc		1	DNE
311	FAD width	Cc		1	DNE
312	Buoy number	Cc		2	DNE
313	FAD / Payao No & mark.	Cc		1	DNE
314	SSI seen	Cc		1	DNE
315	SSI Trapped	Cc		1	DNE
316	Comments / change det.	Cc		1	DNE
317	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 Polution

318	Data submitted	Cc	2	
319	Date and time	Cc	1	DNE
320	Position	Cc	1	DNE
321	EEZ/ Harbour	Cc	1	DNE
322	Wind speed and direction	Cc	1	DNE
323	Sea conditions + current	Cc	1	DNE
324	Observer's vessel activity.	Cc	1	DNE
325	Name of offending	Cc	1	DNE
326	IRCS + vessel type	Cc	1	DNE
327	Position from offending ves.	Cc	1	DNE
328	Material ticked	Cc	1	DNE
329	Describe type	Cc	1	DNE
330	Describe quantity	Cc	1	DNE
			/ 14	

Minus from Total = new Total

Trip Reconciliation

340	A complete set	Cc	1	
341	All travel details data fields	Cc	1	DNE
			/ 2	

Minus from Total = new Total

Gen -6 Polution Contd

331	Source ticked	Cc	1	DNE
332	Visual appearance/colour	Cc	1	DNE
333	Describe area/ quantity	Cc	1	DNE
334	Activity ticked	Cc	1	DNE
335	Describe gear	Cc	1	DNE
336	Estimate quantity	Cc	1	DNE
337	Other comments	Cc	1	DNE
338	Y/N	Cc	1	DNE
339	Photo frame	Cc	1	DNE
			/ 9	

Minus from Total = new Total

342	Adv: A complete set	Cc	1	DNE
343	Adv: All data fields	Cc	1	DNE
			/ 2	

Minus from Total = new Total

Tag Recovery Form

344	Data submitted	Cc	1	
345	Tag Number	Cc	1	DNE
346	Date returned/ found	Cc	1	DNE
347	Where found	Cc	1	DNE
348	Activity when found	Cc	1	DNE
349	Well number	Cc	1	DNE
350	Species	Cc	1	DNE
351	Species Reliability	Cc	1	DNE
352	Fork length	Cc	1	DNE
353	How measure	Cc	1	DNE
354	Who measure	Cc	1	DNE
355	Processed state - measure	Cc	1	DNE
356	Fish weight	Cc	1	DNE
357	How weighed	Cc	1	DNE
358	Processed state - weighed	Cc	1	DNE
359	Date caught/ catch	Cc	1	DNE
360	Latitude of catch	Cc	1	DNE
361	Longitude of catch	Cc	1	DNE
362	Fishing are a description	Cc	1	DNE
			/ 19	

Minus from Total = new Total

Tag Recovery Form Contd

363	Vessel name	Cc	1	DNE
364	Flag	Cc	1	DNE
365	Fishing Method	Cc	1	DNE
366	School type	Cc	1	DNE
367	Carrier Name	Cc	1	DNE
368	Carrier flag	Cc	1	DNE
369	Date of transhipment	Cc	1	DNE
370	Location of transhipment	Cc	1	DNE
371	Position of transhipment	Cc	1	DNE
372	Finder Name	Cc	1	DNE
373	Finder address	Cc	1	DNE
374	Port/ Country of recovery	Cc	1	DNE
375	Information received at	Cc	1	DNE
376	Tag provided with this form	Cc	1	DNE
377	Form completed by	Cc	1	DNE
			/ 15	

Minus from Total = new Total

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.

***REMINDER – YOU CAN USE THE WRITTEN REPORT ASSESSMENT SCORE SHEET TO GAUGE THE WRITTEN REPORT GRADE.

Written Report

378	1.0 Background	Exc	4	Vg	2	Gd	1
379	2.0 Cruise Summary	Exc	4	Vg	2	Gd	1
380	3.0 Data Collected	Exc	4	Vg	2	Gd	1
381	4.0 Vessel + Crew	Exc	4	Vg	2	Gd	1
382	5.0 Fishing Strategy	Exc	4	Vg	2	Gd	1
*	6.0 Chain of Custody	Exc	4	Vg	2	Gd	1
383	(6.0) 7.0 Environ. Cond.	Exc	4	Vg	2	Gd	1
384	(7.0) 8.0 Catch Details	Exc	4	Vg	2	Gd	1
385	(8.0) 9.0 Sampling	Exc	4	Vg	2	Gd	1
386	(9.0) 10.0 Other Projects	Exc	4	Vg	2	Gd	1
387	(10.0) 11.0 Well loadings	Exc	4	Vg	2	Gd	1
388	(11.0) 12.0 Vessel own data	Exc	4	Vg	2	Gd	1
389	(12.0) 13.0 General	Exc	4	Vg	2	Gd	1
390	(13.0) 14.0 Vessel Trip Moni	Exc	4	Vg	2	Gd	1
391	(14.0) 15.0 Problems encour	Exc	4	Vg	2	Gd	1
392	(15.0) 16.0 Conclusion	Exc	4	Vg	2	Gd	1
393	(16.0) 17.0 Acknowledge	Exc	4	Vg	2	Gd	1

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Journal

394	Dates	Exc	4	Vg	2	Gd	1
395	Times	Exc	4	Vg	2	Gd	1
396	Page numbers	Exc	4	Vg	2	Gd	1
397	Headings	Exc	4	Vg	2	Gd	1
398	Chronological order	Exc	4	Vg	2	Gd	1
399	Information provided	Exc	4	Vg	2	Gd	1
400	sufficient information	Exc	4	Vg	2	Gd	1
401	New day/ new page	Exc	4	Vg	2	Gd	1
402	Hand writing	Exc	4	Vg	2	Gd	1

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Data Presentation

403	Directly	Cc		3	
404	Clear & legible	Cc		3	
405	One response	Cc		3	
406	No vague data	Cc		3	
407	Comment correct	Cc		3	
408	Pencil/necessary	Cc		3	
409	Previous Standard	Cc		3	

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Data Submission

**	Within 7 days time frame	Y		3	
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/ 3

data forms	SCORE	FULL SCORE
(i) Header& Wbk Ref. form		23
(ii) PS forms 1 to5		321
(iii) GEN, SUP + Tag Recovery form		200
		544
		a.
total data score	base data score	
(i+ii+iii) = b.		c.

a. 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 544

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

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

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

$100 \times \text{Score} / 128 = \underline{\hspace{2cm}}$ % 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