



**WEST PACIFIC EAST ASIA
OCEANIC FISHERIES MANAGEMENT**

**PROJECT STEERING COMMITTEE
SECOND SESSION**

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Pohnpei, Federated States of Micronesia



**WCPFC-SC7-2011/GN-IP-7
WPEA OFM/PSC02/WP-**

Progress Report (June 2010 – June 2011)

Prepared by

Research Center for Fisheries Management and Conservation (RCFMC)

INDONESIA

I. Introduction

To improve conservation and management of highly migratory fish stocks in the West Pacific-East Asia region, West Pacific East Asia Oceanic Fisheries Management project (WPEA OFM) has been developed. The project moreover focus on three countries (Indonesia, Philippines and Vietnam) to strengthen national capacities and international cooperation on priority trans-boundary concerns relating to the conservation and management of highly migratory fish stocks in the west Pacific Ocean and east Asia. In Indonesia there are two institutional working together with WCPFC under this WPEA OFM project that is Research Center for Fisheries Management and Conservation (RCFMC) previously known as Research Center for Capture Fisheries (RCCF) and Directorate Fisheries Resource and Management (DFRM). RCFMC are more focused in the Port sampling program in Bitung and Kendari while DFRM more involve in the project that relate to management, legal, policy and institutional issues. A component of the project that concern on the capacity building has involved scientists and data manager staff from RCFMC to join workshop and training designed in the Project. This progress report is provided to describe some activities executed according to AWP since June 2010 to June 2011.

II. Monitoring, data and fisheries Assessment

Port sampling activities have been conducted since late April 2010. In total there are 20 trained enumerators that assigned to conduct port samplings i.e. 12 enumerators in Bitung, 5 in Kendari and 3 enumerators in Sodohoa-Kendari. Port samplings in Bitung were held at PT Bitung Mina Utama (PT BMU), PT Bintang Mandiri Bersaudara (PT BMB), PT Sinar Pure Food (PT SPF), PT Perikani, PPS Bitung and PT Nutrindo Freshfood International (PT NFI). In Kendari and Sodohoa, samplings were conducted at PPS Kendari and TPI (Tempat Pendaratan Ikan)/PPI (Pusat Pendaratan Ikan) Sodohoa, respectively. The results of this port sampling activities is provided in the appendix 1. The status of port sampling activities is provided in table below:

Table 1. Status of Port sampling activities in Bitung and Kendari

Ports sampling	Sampling Status	Data entry status	Data Validation Status
Implementing Year 2010			
Bitung	April - December	April - December	Validated
Kendari	April - December	April - December	Validated
Sodoha	April - December	April - December	Validated
Implementing Year 2010			
Bitung	January - July	January - April	Not yet validated
Kendari	January - July	March	Not yet validated
Sodoha	January - July	March	Not yet validated

III. Management, legal, policy and institutional issues

In order to strengthen national capacities in oceanic fishery management, strengthen national laws, policies and institutions in line with WCPFC requirement. There are some activities had been conducted in Jakarta as stated in annual work Plan (AWP 2010 and AWP 2011). Those activities are:

1. Review of policy (Y1-08) and legal arrangements for WCPFC-related matters and Prepare checklist of compliance shortfalls (Y1-09) → 15 – 16 June 2010
2. Development of National Tuna Management Plan → 11 November 2010
3. Workshop on Establish Tuna Association to fully involve(tuna-related) industry → 12 November 2010
4. Second Eastern Indonesia Tuna Annual Catch Estimates Review Workshop (2011) → 7 – 8 April 2011

Workshops reported already produced and submitted to the secretariat including the draft of the National tuna management plan. This draft NTMP is planned to be finalized by DFRM.

Regarding to the important of having other operational level data, Logbook program has

already introduced to several fishing port (e.g. Bitung, Cilacap, Ambon, Pelabuhan ratu), This step should continue to the implementation of logbook in selected fishing port.

IV. Status of Project Activities

Activity title	Commencement and Completion date	Description of the activity	Output	Budget (US \$)	Status
I. PORT SAMPLING					
Review WS on Port Sampling Conduct a port sampling audit (may be conducted when a workshop being held in Indonesia) which includes audit database and data summary report at Bitung and Kendari in early 2010, and produce a review report.	22 – 25 November 2010	There were 20 enumerators (12 enumerators from Bitung, 5 enumerators from PPS Kendari and 3 enumerators from PPI Sodoha), 4 staffs from RCCF (including database manager) and 1 international expert from SPC (Peter William). The workshop was held in Bitung (presentation and discussion in Wisma Pelaut International, Bitung, for the first 2 days and visit the Bitung port sampling on the following 2 days	1. Port Sampling procedure review and refine 2. Produce Quarterly template report 3. Report Workshop audit port Sampling 4. Data base refine	8640	Completed
Activity Y1-IDN-02 port sampling in Bitung, Sodohoa, Kendari	Juli –Dec 2010	recruited and trained enumerators (12 Bitung, 5 PPS Kendari, 3 Sodohoa continue to conduct port sampling	1. Data port sampling produced 2. Enumerator s Salary paid	15,600	Completed
Activity Y2-IDN-02 port sampling in Bitung, Sodohoa, Kendari	Jan-march 2011	recruited and trained enumerators (12 Bitung, 5 PPS Kendari, 3 Sodohoa continue to conduct port sampling	3. Data port sampling produced 4. Enumerator s Salary paid	7,800	Completed
Port sampling and Equipments	November 2010	1. Three Motor cycles Provided (2	Port sampling	19,375	Completed

for port sampling and data collection		<p>for bitung, 1 for kendari)</p> <p>2. Calipers, measuring boards enumerators t shirt uniforms, name tag, digital cameras</p> <p>3. Rent offices, Furnitures for offices</p> <p>4. Desktops, Printers, modem,</p> <p>5. Laptop for field supervisor</p>	equipment provided	1500	Completed
Data validation (Visit to sampling sites)	November 2010	<p>in conjunction with the workshop. Four RCCF staffs with one consultant from WCPFC (Peter William) visited several sampling sites in Bitung. The locations visited are: PPS Bitung, PT Sinar Pure Food and PT. Nutrindo Freshfood International. The RCCF staffs and Peter William accompanied by Surveillance officer also visited the 2 fish processing plants that there were no enumerators. This visit was aimed to place the enumerators in those processing plants</p>	Data validated	8,320	Completed
Data Entry	January – February 2011	<p>In order to speed up the process of data entry from port samplings. A data entry person was hired. The target to finish all data entry process into the data base system developed by Bayu before the 2nd eastern Indonesia Tuna Annual</p>	Port samplings data in 2010 had been successfully entry into the data base	300	Completed

		Catch Estimates Review Workshop had been accomplished . Those data are able to use in the workshop.			
Research Inventory	February 2011	Sort of “Research Inventory” for the Pacific tuna research in Indonesia.	Report produced	In kind	Completed
NTC Salary (Dr. Subhat Nurhakim)	July – Dec 2010 January-March 2011	A s stated in the TOR of NTC	Salary Paid Salary Paid	1800 1800	Completed
II. CAPACITY BUILDING					
Participation at the Stock Assessment and Ecosystem Monitoring Training Workshop, Noumea (Lilis Sadiyah)	7-12 Jun 2010	Participate in SPC’s stock assessment and ecosystem monitoring training workshop	Workshop report produced	3812	Completed
Activity Y2-IDN-11 Participation in Tuna Data WS in SPC (Anung Widodo)	Noumea May 2011	participation in SPC’s stock assessment workshop; stock assessment workshop at national level convened; workshop report produced	Workshop Report (ongoing)	N/A WCPFC	Completed
Activity Y2-IDN-10 Ecological monitoring and assessment workshop, stock assessment workshop and tuna data workshop 2011 (lilis Sadiyah)	Noumea 27 June – 5 July 2011	Participate in SPC’s stock assessment workshop	Workshop Report Produced	5500	Completed
III. Management					
Review of policy (Y1-08) and legal arrangements for WCPFC-related matters and	Jakarta Aryaduta 15 – 16	Consolidate and review national policy and legal arrangements to determine compliance with the	Report Produced	13,060	Completed

Prepare checklist of compliance shortfalls (Y1-09)	June	requirements of the WCPFC and review the existing legislation related with tuna fisheries management and the WCPFC Convention , checklist of shortcomings in compliance with WCPFC requirements; produce WS report for submission to WCPFC prepare and address a checklist of compliance issues; through PL-WS, finalize evaluation of the checklist and proposed specific shortfalls in relation to the compliance issues against the WCPFC requirements . produce WS reports including WS recommendations to be submitted to Indonesian government and the WCPFC Secretariat			
Development of National Tuna Management Plan	Jakarta 11 November	The purpose of this activity is to assist the government of Indonesian improve National Tuna Management Plan in compliance with requirement of the WCPFC commission	Report Produced	6,400	Completed
Workshop on Establish Tuna Association to fully involve(tuna-related) industry	Jakarta 12 November	To assist he government of Indonesia to facilitate the strengthening of tuna association capacity for cooperation and collaboration between National Tuna Association and provincial Tuna Association more i involving	Report Produced	11,260	Completed

		tuna related industry			
Activity Y2-IDN-04 Second Eastern Indonesia Tuna Annual Catch Estimates Review Workshop (2011)	Jakarta Lumire 7-8/April /2011	Progress with producing 2010 Annual catch estimates for Indonesia (WCPFC Area). Catch estimates to be reviewed and evaluated annually	Report Produced		ongoing

V. Issues and Problems

There are some issues and problems occur during the implementation of the project

1. The ownership of the projects require to highlight to the related person and institutions
2. Indonesia National tuna coordinator Dr. Subhat Nurhakim approaching his retirement and retired by Agustus 2011.
3. Cooperation from the finance section in WCPFC to Provide NOD for every budget transfers to RCFMC account is very essential since without this we cannot used the budget and potentially delay the work plan.
4. A permanent and dedicated supervisor is required in order to assure data validation take in place.
5. Considering a gap of enumerators salary using US \$ that uncertain at this moment, it is suggested to use IDR currency for 1.500.000 IDR/Month.

Appendixes 1. Port sampling results Bitung and Kendari year 2010 and 2011

Site	BMU																
Gear	LL																
Month	Landings	Samplings	Coverage	TotalCatch	YFT				BET				SKJ				
					Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	
Year		2010															
4	5	1	20	42464	38642	247	91	156	3822	23	9	166	0	0	0	0	
5	8	6	75	72725	68362	1572	94	43	4364	73	6	60	0	0	0	0	
6	7	4	57	87665	79775	1013	91	79	7890	97	9	81	0	0	0	0	
7	6	6	100	40790	38343	1271	94	30	2447	46	6	53	0	0	0	0	
8	15	11	73	37175	33829	889	91	38	3346	63	9	53	0	0	0	0	
9	5	5	100	43605	40117	1208	92	33	3488	69	8	51	0	0	0	0	
10	6	6	100	37941	36423	820	96	44	1518	21	4	72	0	0	0	0	
11	12	12	100	57612	50122	1311	87	38	7490	136	13	55	0	0	0	0	
12	7	6	86	83024	73891	1338	89	55	9133	108	11	85	0	0	0	0	
Year		2011															
2	5	5	100	48934	42573	672	87	63	6361	69	13	92	0	0	0	0	
3	5	5	100	67898	64503	1000	95	65	3395	41	5	83	0	0	0	0	
4	4	3	75	32119	30192	469	94	64	1927	22	6	88	0	0	0	0	

Site BMB
Gear PS

Month	Landings	Samplings	Coverage	TotalCatch	YFT				BET				SKJ			
					Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.
Year 2010																
4	5	4	80	91426	6400	83	7	77	1829	12	2	152	82283	942	90	87
5	12	10	83	196684	17702	210	9	84	1967	18	1	109	175049	2618	89	67
6	23	15	65	376653	26366	411	7	64	3767	35	1	108	342754	3827	91	90
7	12	12	100	252270	15136	222	6	68	2523	34	1	74	234611	3179	93	74
8	10	10	100	203681	12221	190	6	64	2037	25	1	81	187387	2355	92	80
9	6	6	100	143980	7199	96	5	75	1440	14	1	103	135341	1600	94	85
10	14	14	100	585400	52686	412	9	128	5854	26	1	225	526860	3570	90	148
11	12	8	67	418300	37647	196	9	192	8366	29	2	288	372287	2033	89	183
12	26	16	62	801800	56126	354	7	159	8018	39	1	206	737656	4163	92	177

Site SPF
Gear PS

Month	Landings	Samplings	Coverage	TotalCatch	YFT				BET				SKJ			
					Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.
Year 2010																
4	6	6	100	308000	15400	68	5	226	9240	36	3	257	286440	1396	93	205
5	31	17	55	1400846	154093	299	11	515	56034	78	4	718	1204728	3873	86	311
6	23	14	61	965190	135127	320	14	422	28956	69	3	420	791456	3773	82	210
7	19	14	74	660421	59438	283	9	210	13208	71	2	186	581170	3588	88	162
8	21	15	71	1038195	103820	289	10	359	51910	107	5	485	892848	3968	86	225
9	41	20	49	2664595	293105	462	11	634	133230	163	5	817	2238260	5375	84	416
10	39	13	33	2859925	142996	213	5	671	28599	47	1	608	2688330	3516	94	765
11	34	20	59	2421675	363251	954	15	381	96867	142	4	682	1937340	4762	80	407
12	32	15	47	1966800	137676	250	7	551	39336	60	2	656	1809456	3771	92	480
Year 2011																
2	19	12	63	1105750	66345	146	6	454	11058	35	1	316	1028348	2919	93	352
3	21	13	62	1335600	80136	157	6	510	13356	24	1	556	1242108	3105	93	400
4	30	20	67	1715000	85750	363	5	236	17150	85	1	202	1594950	5394	93	296

Site BTG
 Gear PS

Month	Landings	Samplings	Coverage	TotalCatch	YFT				BET				SKJ				
					Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	
Year 2010																	
5	2	0	0	28500	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	1	100	4005	3885	159	97	24	120	5	3	24	0	0	0	0	0
7	4	0	0	101000	0	0	0	0	0	0	0	0	0	0	0	0	0
8	3	1	33	47100	2355	20	5	118	471	3	1	157	44274	264	94	168	
9	2	0	0	31450	0	0	0	0	0	0	0	0	0	0	0	0	0
10	6	3	50	105500	11605	56	11	207	4220	23	4	183	89675	790	85	114	
11	4	2	50	33300	1998	20	6	100	1998	23	6	87	28971	447	87	65	
12	12	0	0	553800	0	0	0	0	0	0	0	0	0	0	0	0	0
Year 2011																	
2	4	0	0	77900	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	0	0	5000	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	1	100	20000	600	5	3	120	1200	10	6	120	18200	285	91	64	

Site BTG
 Gear HL
 Year 2010

Month	Landings	Samplings	Coverage	TotalCatch	YFT				BET				SKJ				
					Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	
5	1	0	0	2800	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	1	100	2900	2697	130	93	21	203	7	7	29	0	0	0	0	0
8	1	1	100	1300	1209	48	93	25	91	3	7	30	0	0	0	0	0

Site BTG
 Gear PL

Month	Landings	Samplings	Coverage	TotalCatch	YFT				BET				SKJ			
					Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.
Year 2010																
4	12	9	75	39300	1179	98	3	12	1572	105	4	15	36156	2341	92	15
5	28	20	71	128100	3843	197	3	20	6405	274	5	23	117852	5285	92	22
6	23	15	65	149950	5998	176	4	34	13496	316	9	43	130456	3826	87	34
7	17	8	47	79450	1589	68	2	23	6356	137	8	46	71505	2117	90	34
8	24	12	50	232680	9307	125	4	74	9307	148	4	63	214066	3223	92	66
9	23	12	52	192400	13468	153	7	88	9620	118	5	82	169312	3232	88	52
10	15	12	80	105050	10505	173	10	61	4202	63	4	67	90343	2920	86	31
11	11	8	73	97146	4857	89	5	55	2914	53	3	55	89374	1819	92	49
12	37	16	43	540569	21623	193	4	112	10811	109	2	99	502729	4188	93	120
Year 2011																
1	9	9	100	96400	2892	49	3	59	1928	55	2	35	91580	2382	95	38
2	12	10	83	81300	3252	92	4	35	2439	96	3	25	75609	2396	93	32
3	21	11	52	154500	6180	95	4	65	4635	79	3	59	143685	2674	93	54
4	22	12	55	59950	1199	43	2	28	1798	51	3	35	57552	2564	96	22

Site SDH
 Gear TR

Month	Landings	Samplings	Coverage	TotalCatch	YFT				BET				SKJ			
					Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.
Year 2010																
4	12	1	8	19000	2660	2	14	1330	4370	2	23	2185	12160	17	64	715
5	79	12	15	98100	66708	62	68	1076	23544	104	24	226	7848	153	8	51
6	79	9	11	95600	79348	109	83	728	9560	151	10	63	6692	123	7	54
7	56	11	20	70795	4248	27	6	157	45309	198	64	229	21238	117	30	182
8	59	11	19	79900	10387	40	13	260	29563	144	37	205	39950	200	50	200
9	41	13	32	56300	2252	17	4	132	23646	203	42	116	30965	283	55	109
10	65	15	23	102800	9252	61	9	152	54484	259	53	210	39064	233	38	168
11	41	7	17	63100	6941	24	11	289	34074	109	54	313	22716	135	36	168
12	66	5	8	97800	40098	72	41	557	4890	10	5	489	51834	87	53	596
Year 2011																
1	56	8	14	79150	3166	102	4	31	74401	46	94	1617	1583	86	2	18
2	55	10	18	94100	14115	156	15	90	74339	35	79	2124	5646	166	6	34
3	57	8	14	77500	27900	121	36	231	22475	54	29	416	27900	163	36	171
4	65	10	15	128800	65688	222	51	296	14168	27	11	525	48944	240	38	204
5	69	10	14	82600	37170	153	45	243	8260	21	10	393	36344	219	44	166
6	64	8	12	81000	41310	141	51	293	1620	24	2	68	38070	108	47	352

Site
Gear

KDI
TR

Month	Landings	Samplings	Coverage	TotalCatch	YFT				BET				SKJ			
					Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.
Year 2010																
4	7	1	14	13105	3145	20	24	157	0	0	0	0	9960	55	76	181
5	7	0	0	20176	0	0	0	0	0	0	0	0	0	0	0	0
6	7	0	0	16309	0	0	0	0	0	0	0	0	0	0	0	0
7	2	2	100	8013	2164	20	27	108	0	0	0	0	5849	48	73	122
8	6	4	67	22023	4625	42	21	110	0	0	0	0	17398	136	79	128
9	5	3	60	10394	935	18	9	52	0	0	0	0	9459	137	91	69
10	31	10	32	111135	16670	89	15	187	1111	6	1	185	93353	481	84	194
11	9	2	22	27484	1374	7	5	196	0	0	0	0	26110	130	95	201
12	6	0	0	16581	0	0	0	0	0	0	0	0	0	0	0	0
Year 2011																
3	5	2	40	10821	2922	58	27	50	0	0	0	0	7899	142	73	56

Site KDI
Gear PS

Month	Landings	Samplings	Coverage	TotalCatch	YFT				BET				SKJ				
					Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	
Year 2010																	
4	184	1	1	827833	240072	12	29	20006	91062	3	11	30354	504978	26	61	19422	
5	184	2	1	740404	133273	15	18	8885	0	0	0	0	607131	58	82	10468	
6	125	7	6	802181	104284	80	13	1304	16044	10	2	1604	681854	452	85	1509	
7	133	12	9	926591	176052	123	19	1431	83393	51	9	1635	657880	372	71	1768	
8	78	12	15	771366	100278	74	13	1355	30855	18	4	1714	640234	395	83	1621	
9	42	14	33	875806	87581	75	10	1168	26274	23	3	1142	761951	584	87	1305	
10	34	15	44	714054	78546	100	11	785	7141	5	1	1428	628368	656	88	958	
11	23	12	52	586269	76215	116	13	657	11725	12	2	977	498329	638	85	781	
12	20	7	35	431427	64714	589	15	110	25886	199	6	130	340827	2712	79	126	
Year 2011																	
3	7	3	43	186378	63369	323	34	196	1864	12	1	155	119282	765	64	156	

Site KDI
Gear PL

Month	Landings	Samplings	Coverage	TotalCatch	YFT				BET				SKJ				
					Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	
Year 2010																	
4	35	12	34	135468	29803	254	22	117	0	4	0	0	105665	820	78	129	
5	35	1	3	127426	0	0	0	0	0	0	0	0	127426	18	100	7079	
6	38	0	0	197006	0	0	0	0	0	0	0	0	0	0	0	0	
7	31	3	10	148548	5942	4	4	1486	0	0	0	0	142606	89	96	1602	
8	36	4	11	195990	29398	36	15	817	0	0	0	0	166592	175	85	952	
9	58	11	19	247483	27223	72	11	378	0	0	0	0	220260	475	89	464	
10	70	13	19	403078	76585	152	19	504	0	3	0	0	322462	554	80	582	
11	60	8	13	263872	34303	74	13	464	0	2	0	0	226930	453	86	501	
12	83	11	13	385779	61725	490	16	126	7716	37	2	209	320197	2248	83	142	
Year 2011																	
3	51	11	22	193266	63778	613	33	104	1933	26	1	74	127556	1018	66	125	

Site

KDI

 Gear

HL

Month	Landings	Samplings	Coverage	TotalCatch	YFT				BET				SKJ			
					Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.	Est. Kgs.	No.	(%)	Avg. Wt.
Year 2010																
4	7	7	100	9010	2793	75	31	37	0	0	0	0	6217	156	69	40
5	5	5	100	4640	974	34	21	29	186	5	4	37	3526	109	76	32
6	3	3	100	2276	660	33	29	20	0	0	0	0	1616	75	71	22
7	2	0	0	1113	0	0	0	0	0	0	0	0	0	0	0	0
8	1	0	0	3150	0	0	0	0	0	0	0	0	0	0	0	0
9	1	0	0	715	0	0	0	0	0	0	0	0	0	0	0	0
10	5	4	80	5162	1084	39	21	28	0	0	0	0	4078	150	79	27
11	30	7	23	41379	6621	75	16	88	1241	13	3	95	33517	326	81	103
12	37	9	24	48415	8715	410	18	21	0	0	0	0	39700	1590	82	25
year 2011																
3	12	4	33	11493	2758	109	24	25	0	0	0	0	8735	291	76	30