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**WEST PACIFIC EAST ASIA  
OCEANIC FISHERIES MANAGEMENT**

**PROJECT STEERING COMMITTEE  
SECOND SESSION**

13 August 2011

Pohnpei, Federated States of Micronesia



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**WCPFC-SC7-2011/GN-IP-08  
WPEA OFM/PSC02/WP-06**

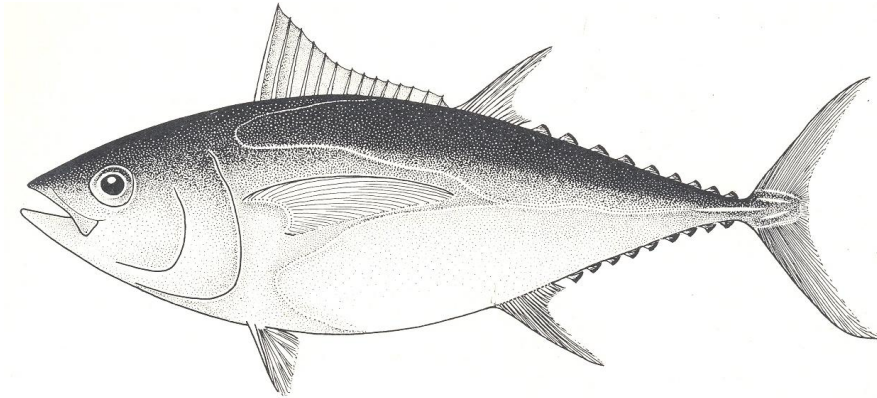
**Progress Report (July 2010 – June 2011)**

Prepared by  
National Fisheries Research and Development Institute  
PHILIPPINES

**WEST PACIFIC EAST ASIA  
OCEANIC FISHERIES  
MANAGEMENT PROJECT  
(WPEA-OFMP: Philippines)**

**PROGRESS REPORT 2011**

(As of August 2011)



**WEST PACIFIC EAST ASIA OCEANIC FISHERIES MANAGEMENT PROJECT (WPEA-  
OFMP): PROGRESS REPORT 2011**

## *Philippine Component*

### **I. INTRODUCTION**

The West Pacific East Asia Oceanic Fisheries Management Project (WPEA-OFMP) is a three (3) year project which started January 2010. The main objective of this project was to strengthen national capacities and international cooperation on priority transboundary concerns relating to the conservation and management of highly migratory fish stocks in the west Pacific Ocean and east Asia (Indonesia, Philippines and Vietnam). The project has three (3) components, namely, i) Monitoring, data enhancement and fishery assessment; ii) Policy, institutional strengthening and fishery management and iii) Project management. Details of activities undertaken from January 2010 to June 2011 are discussed below.

### **II. PORT SAMPLING ACTIVITIES**

Port sampling activities were continued after the IPDCP through NSAP monitoring activities in a few selected landing sites around the country through BFAR and ACIAR funding support. The NSAP enumerators collected data from their assigned ports particularly on oceanic tuna/s (e.g. yellowfin, bigeye and skipjack). The enumerators collected data according to NSAP procedures and were supervised by the Regional Stock Assessment Project Leader. Monthly reports are forwarded to the National Fisheries Research and Development Institute (NFRDI) to be encoded in the NSAP Database System. With the help of WPEA-OFMP funding support which started July 2010, we were able to monitor additional tuna landing sites and continue monitoring activities in areas funded by ACIAR which ended August 2010. Below is the list of sampling sites and number of enumerators assigned.

**Table1.** List of port sampling areas monitored and number of enumerators assigned.

<b>Region and Sampling Site/Port</b>	<b>Number of Enumerators</b>
Region 1: Sta. Cruz, Ilocos Sur	2
Region 3: Masinloc, Zambales	2
Region 4B: Puerto Princesa City	1
Region 5: Bicol*	2
Region 6: San Jose, Antique	2
Region 8: Samar*	2
Region 11: Davao	2
Region 12: General Santos City*	4
CARAGA: Surigao del Sur	4
ARMM: Jolo, Sulu	2

\* With funding support from ACIAR

Two data encoders were assigned under the WPEA-OFMP to encode all the tuna data collected by the NSAP enumerators by region, fishing ground, landing center and gear type in NSAP Database System.

**Table 2** below shows the summary of total unloading/s and total sampled catch from January 2010 until June 2011 by region, landing center and gear.

Region	Landing Center	Gear	Days		TOTAL UNLOADINGS		TOTAL SAMPLED					
			Sampled	%	Trips	MT	Trips	%	MT	%		
1	Balaaci, Pagudpud, Ilocos Norte	Multiple Troll Line	7	11%	69	0	43	62%	0	62%	299	
	Balaaci, Pagudpud, Ilocos Norte	Troll line	46	19%	226	2	225	99%	2	100%	346	
	Balingasay, Bolinao, Pangasinan	Hook & Line	8	27%	16	0	16	100%	0	100%	69	
	Cato, Infanta, Pangasinan	Tuna Drift Longline	58	24%	114	35	114	100%	34	99%	2,661	
	Gaang, Currimaoc, Ilocos Norte	Multiple Hook & Line	28	18%	246	3	246	100%	3	100%	586	
	Gabu, Laoag City	Troll line	43	18%	311	2	311	100%	2	100%	5,047	
	Luciente 1, Bolinao, Pangasinan	Purse seine	23	19%	33	132	33	100%	132	100%	1,244	
	Paringao, Bauang, La Union	Hook & Line	11	18%	27	0	27	100%	0	100%	80	
	Pasaleng, Pagudpud, Ilocos Norte	Troll line	18	10%	155	1	155	100%	1	100%	124	
	Petal, Dasol, Pangasinan	Drift gillnet	25	27%	168	2	168	100%	2	100%	526	
	Pilar, Sta. Cruz, Ilocos Sur	Hook & Line	67	28%	837	16	828	99%	16	100%	4,276	
	Poblacion 1, Pagudpud, Ilocos Norte	Troll line	35	14%	240	1	240	100%	1	100%	261	
	Puro, Magsingal	Hook & Line	26	12%	147	5	147	100%	0	8%	2,018	
	San Pedro, Narvacan, Ilocos Sur	Hook & Line	41	23%	151	2	151	100%	2	100%	426	
	3	Calibungan	Handline	30	25%	295	7	95	32%	2	31%	1,213
		Calibungan	Hook & Line	7	23%	75	2	23	31%	1	31%	539
		Calibungan	Purse seine	8	26%	14	87	13	93%	81	92%	389
		Calibungan	Ringnet	35	29%	66	352	46	70%	247	70%	1,750
Masinloc Fishport		Handline	80	24%	438	14	353	81%	10	70%	2,825	
Masinloc Fishport		Hook & Line	7	11%	34	1	28	82%	0	77%	187	
Matalvis & Balogo Fishport		Purse seine	92	25%	180	773	135	75%	485	63%	7,702	
Subic Fishport		Multiple Hook & Line	48	31%	537	284	398	74%	221	78%	4,106	
Subic Fishport		Purse seine	35	23%	47	252	47	100%	252	100%	2,329	
Subic Fishport		Ringnet	1	3%	1	5	1	100%	5	100%	54	
4		Brgy. Sta. Lourdes (Sitio Magawaw)	Hook & Line	10	33%	40	7	40	100%	7	100%	176
		Brgy. Bagong Silang	Multiple Hook & Line	36	24%	137	5	137	100%	5	100%	643
	Brgy. Tagbueros	Hook & Line	1	3%	0	0	0	0%	0	0%	0	
	Brgy. Tagbueros	Multiple Hook & Line	73	24%	182	5	182	100%	5	100%	230	
	Brgy. Bancaoc bancaoc	Handline	3	10%	0	0	0	0%	0	0%	0	
	Brgy. Bancaoc bancaoc	Hook & Line	96	26%	528	114	527	99%	114	100%	2,439	
	Brgy. Matahimik Fishport	Hook & Line	9	15%	18	8	18	100%	8	100%	217	
	5	Batalay	Ringnet	101	55%	117	91	117	100%	91	100%	1,794
Brgy. Sabang, San Jose, Camarines Sur		Handline	162	67%	1,826	30	1,300	71%	29	97%	881	
Brgy. Sabang, San Jose, Camarines Sur		Multiple Hook & Line	60	28%	295	1	277	94%	1	98%	235	
Nato, Sagnay, Camarines Sur		Bottom set longline	158	65%	1,234	6	1,219	99%	6	99%	230	
Nato, Sagnay, Camarines Sur		Handline	120	49%	408	5	395	97%	5	99%	287	
Nato, Sagnay, Camarines Sur		Multiple Hook & Line	32	17%	64	0	63	98%	0	0%	101	
Pananaogan		Hook & Line	20	13%	26	3	26	100%	3	100%	158	
Pananaogan		Ringnet	101	55%	215	198	212	99%	195	98%	3,002	
Sugod, Tiwi, Albay		Handline	159	65%	1,940	44	1,568	81%	43	99%	2,368	
Sugod, Tiwi, Albay		Multiple Hook & Line	30	24%	164	1	135	82%	1	99%	480	
Tabaco City		Handline	158	65%	922	62	522	57%	61	98%	852	
Tabaco City		Multiple Hook & Line	11	9%	14	1	13	93%	1	100%	0	
6		Buruanga, Aklan, Algeria Fishport	Drift gillnet	93	51%	956	36	863	90%	34	94%	224
		Buruanga, Aklan, Algeria Fishport	Hook & Line	62	34%	74	2	65	88%	1	84%	16
	Dumataad & Jawili, Tangalan, Aklan	Hook & Line	44	18%	1,156	12	1,156	100%	12	100%	0	
	Dumataad & Jawili, Tangalan, Aklan	Stationary Liftnet	59	24%	304	13	303	99%	13	100%	0	
	Iloilo Fishing Port	Danish Seine	108	40%	90	325	90	100%	325	100%	0	
	Iloilo Fishing Port	Hook & Line	10	7%	10	29	10	100%	29	100%	0	
	Iloilo Fishing Port	Purse seine	158	58%	191	903	190	99%	903	100%	1,577	
	Maybato North/San Angel, San Jose	Hook & Line	82	25%	103	199	103	100%	198	99%	573	
	Maybato North/San Angel, San Jose	Multiple Hook & Line	83	25%	100	169	100	100%	164	97%	1,099	
	Maybato North/San Angel, San Jose	Purse seine	56	18%	33	56	33	100%	56	100%	0	
	Maybato North/San Angel, San Jose	Ringnet	96	32%	627	547	623	99%	546	99%	359	
	Maybato North/San Angel, San Jose	Ringnet-Payao	9	29%	103	85	103	100%	85	100%	42	
	Maybato, San Jose, Antique	Hook & Line	115	34%	188	22	183	97%	22	100%	216	
	Maybato, San Jose, Antique	Multiple Hook & Line	146	44%	308	66	307	99%	63	95%	1,734	
	Talisayan, Anini-y, Antique	Drift gillnet	44	48%	35	1	34	97%	1	96%	0	
	Talisayan, Anini-y, Antique	Hook & Line	115	63%	1,095	91	1,078	98%	90	99%	0	
	8	Ngolos, Guiuan, E. Samar	Hook & Line	120	31%	1,029	45	1,024	99%	44	99%	167
		Sabang 1, Borongan, E. Samar	Hook & Line	104	33%	643	31	639	99%	30	99%	3,501
		Sabang 1, Borongan, E. Samar	Troll line	63	17%	118	20	117	99%	20	99%	1,276
		Sabang 2, Borongan, E. Samar	Hook & Line	115	32%	1,001	55	99	99%	55	100%	3,827
Sabang 2, Borongan, E. Samar		Troll line	53	15%	74	15	74	100%	15	100%	856	
Sapao Beach, Guiuan, E. Samar		Hook & Line	101	30%	787	13	779	99%	13	99%	499	
11		Bais, Governor, Generoso	Handline	13	21%	72	8	72	100%	8	100%	124
		Bais, Sigaboy	Handline	8	26%	34	2	34	100%	2	100%	37
	Bitaug, Sta. Cruz	Handline	16	17%	81	1	79	98%	1	100%	213	
	Cebulida	Handline	2	6%	7	1	7	100%	1	100%	24	
	Mandalihan	Handline	20	22%	55	6	55	100%	6	100%	137	
	Poblacion Kinanga 1	Handline	51	28%	257	6	257	100%	6	100%	94	
	Poblacion Kinanga 1	Multiple Hook & Line	9	29%	34	0	34	100%	0	0%	0	
	Poblacion Kinanga 2	Handline	51	28%	205	8	204	99%	8	99%	144	
	Poblacion Kinanga 2	Multiple Hook & Line	7	11%	19	0	19	100%	0	99%	4	
	Sabang Malita	Handline	18	15%	23	1	23	100%	1	98%	33	
	Sabang Malita	Multiple Hook & Line	14	11%	68	1	68	100%	1	100%	575	
	Sabang Malita	Troll line	4	4%	6	0	6	100%	0	100%	8	
	Talucanga	Handline	10	16%	27	1	27	100%	1	100%	0	
	Talucanga	Handline	7	23%	11	1	11	100%	1	100%	0	
12	M-1, GSCFPC	Handline	127	35%	1,162	3,268	866	75%	2,430	74%	62,553	
	M-3, GSCFPC	Purse seine	110	30%	278	5,215	77	28%	1,825	35%	28,109	
	M-3, GSCFPC	Ring net	117	32%	788	7,714	49	6%	741	10%	20,550	
CARAGA	Santan, Bungtod, Surigao del Sur	Drift Longline	14	47%	122	5	166	97%	5	98%	882	
	Santan, Bungtod, Surigao del Sur	Multiple Hook & Line	32	52%	225	9	223	99%	9	99%	724	
	Santan, Bungtod, Surigao del Sur	Handline	3	10%	4	0	4	100%	0	100%	9	
	Santan, Bungtod, Surigao del Sur	Troll line	75	61%	705	17	702	99%	16	99%	2,305	
	Tandag, Bungtod, Surigao del Sur	Troll line	14	45%	187	4	187	100%	4	100%	506	
	Unidad Aras-Asan, Surigao del Sur	Hook & Line	12	20%	65	4	65	100%	4	100%	408	
	Unidad Aras-Asan, Surigao del Sur	Handline	17	18%	25	1	25	100%	1	100%	97	
	Unidad Aras-Asan, Surigao del Sur	Troll line	85	56%	611	54	611	100%	53	99%	2,519	
	ARMM	Jolo, Sulu	Drift Gillnet	182	50%	725	122	724	99%	119	98%	4,735
		Jolo, Sulu	Hook & Line	29	9%	45	1	45	100%	1	100%	166
Jolo, Sulu		Multiple Hook & Line	3	5%	3	0	3	100%	0	100%	30	
Jolo, Sulu		Ring net	124	34%	515	780	514	99%	739	95%	2,821	
Tapian D.O.S. Maguindanao		Gillnet	49	27%	88	4	88	100%	4	91%	382	
Tapian D.O.S. Maguindanao		Hook & Line	6	19%	11	1	11	100%	1	99%	47	
Tapian D.O.S. Maguindanao		Multiple Hook & Line	54	29%	185	10	185	100%	10	98%	772	
Tapian D.O.S. Maguindanao		Ring net	17	14%	21	2	21	100%	2	100%	103	

Note: January to December 2010  
OMT = < 1MT

Region	Landing Center	Gear	Days		TOTAL UNLOADINGS		TOTAL SAMPLED					
			Sampled	%	Trips	MT	Trips	%	MT	%		
1	Balaoi, Pagudpud, Ilocos Norte	Troll line	14	9%	65	1	65	100%	1	100%	125	
	Balingasay, Bolinao, Pangasinan	Hook & Line	15	16%	24	0	24	100%	0	100%	310	
	Cato, Infanta, Pangasinan	Tuna Drift Longline	16	27%	27	8	27	100%	8	100%	590	
	Gaang, Currimaog, Ilocos Norte	Multiple Hook & Line	12	20%	149	3	149	100%	3	100%	1,011	
	Gabu, Laoag City	Multiple Hook & Line	8	13%	75	1	74	99%	1	99%	1,655	
	Gabu, Laoag City	Troll line	16	18%	139	1	139	100%	1	100%	279	
	Luciente 1, Bolinao, Pangasinan	Purse seine	25	17%	30	116	30	100%	116	100%	380	
	Pilar, Sta. Cruz, Ilocos Sur	Hook & Line	44	24%	503	11	503	100%	11	99%	1,152	
	Pilar, Sta. Cruz, Ilocos Sur	Multiple Hook & Line	5	17%	41	1	41	100%	1	94%	668	
	Poblacion 1, Pagudpud, Ilocos Norte	Troll line	17	11%	51	0	51	100%	0	100%	74	
	Puro, Magsingal	Hook & Line	15	10%	58	1	58	100%	1	100%	488	
	San Pedro, Narvacan, Ilocos Sur	Handline	32	18%	120	2	120	100%	2	100%	425	
	3	Calibungan	Handline	37	20%	457	7	122	27%	2	27%	1,029
		Calibungan	Purse seine	35	19%	61	366	54	89%	323	88%	1,524
Masinloc Fishport		Handline	5	16%	40	1	28	70%	1	74%	241	
Matalvis & Balogo Fishport		Purse seine	6	19%	17	53	10	59%	31	58%	532	
Subic Fishport		Multiple Hook & Line	56	31%	702	299	458	65%	201	67%	5,034	
4	Subic Fishport	Purse seine	28	15%	69	632	69	100%	632	100%	1,938	
	Brgy. Bagong Silang	Multiple Hook & Line	35	19%	117	5	117	100%	5	99%	369	
	Brgy. Tagburos	Multiple Hook & Line	22	15%	61	2	61	100%	2	100%	148	
	Brgy. Bancao bancao	Hook & Line	29	16%	236	33	236	100%	33	100%	939	
	Brgy. Matahimik Fishport	Hook & Line	15	10%	36	15	36	100%	15	100%	184	
5	Batalay, Bato, Catanduanes	Hook & Line-Payao	1	3%	1	2	1	100%	2	100%	16	
	Batalay, Bato, Catanduanes	Multiple Hook & Line	8	14%	9	3	8	89%	3	89%	75	
	Batalay, Bato, Catanduanes	Beach seine	11	19%	12	0	12	100%	0	0%	0	
	Batalay, Bato, Catanduanes	Ringnet	3	11%	5	4	5	100%	4	100%	81	
	Cabugao, Bato, Catanduanes	Beach seine	37	31%	41	0	41	100%	0	0%	0	
	Cabugao, Bato, Catanduanes	Bottom set gillnet	46	38%	55	0	55	100%	0	0%	0	
	Cabugao, Bato, Catanduanes	Hook & line	27	30%	56	0	56	100%	0	0%	0	
	Pananaogan, Bato, Catanduanes	Bottom set gillnet	5	8%	5	0	5	100%	0	0%	0	
	Pananaogan, Bato, Catanduanes	Handline	6	10%	6	0	6	100%	0	0%	0	
	Pananaogan, Bato, Catanduanes	Ringnet	4	14%	8	8	8	100%	8	100%	132	
6	Buruanga, Aklan, Algeria Fishport	Drift gillnet	96	93%	1,302	109	1,302	100%	109	100%	281	
	Buruanga, Aklan, Algeria Fishport	Hook & Line	4	13%	6	0	6	100%	0	100%	1	
	Buruanga, Aklan, Algeria Fishport	Ringnet	5	9%	10	4	10	100%	4	100%	0	
	Buruanga, Aklan, Algeria Fishport	Troll line	1	3%	6	0	6	100%	0	0%	0	
	Dumatad & Jawili, Tangalan, Aklan	Hook & Line	8	9%	98	1	98	100%	1	100%	0	
	Maybato North/San Angel, San Jose	Hook & Line	27	23%	44	152	44	100%	152	100%	361	
	Maybato North/San Angel, San Jose	Multiple Hook & Line	20	17%	27	34	27	100%	34	100%	301	
	Maybato North/San Angel, San Jose	Purse seine	19	21%	30	28	30	100%	28	100%	0	
	Maybato North/San Angel, San Jose	Ringnet	37	31%	230	145	229	99%	144	99%	233	
	Maybato, San Jose, Antique	Hook & Line	16	13%	26	1	26	100%	1	100%	0	
	Maybato, San Jose, Antique	Multiple Hook & Line	63	53%	216	36	216	100%	36	99%	581	
	Talisayan, Anini-y, Antique	Drift gillnet	19	16%	35	2	32	91%	2	92%	0	
	Talisayan, Anini-y, Antique	Hook & Line	96	93%	693	68	688	99%	66	97%	7	
	Talisayan, Anini-y, Antique	Multiple Hook & Line	57	48%	307	26	305	99%	26	98%	0	
8	Ngolos, Guiuan, E. Samar	Hook & Line	44	29%	573	26	570	99%	23	88%	440	
	Sabang 1, Borongan, E. Samar	Hook & Line	51	34%	418	18	417	99%	18	99%	1,514	
	Sabang 1, Borongan, E. Samar	Troll line	26	17%	51	9	51	100%	9	100%	653	
	Sabang 2, Borongan, E. Samar	Hook & Line	49	32%	392	19	392	100%	19	100%	1,701	
	Sabang 2, Borongan, E. Samar	Troll line	19	13%	32	7	32	100%	7	100%	244	
	Sapao Beach, Guiuan, E. Samar	Hook & Line	44	29%	338	5	338	100%	5	100%	292	
	Sapao Beach, Guiuan, E. Samar	Troll line	3	10%	4	0	4	100%	0	0%	0	
	11	Aplaya, Digos City	Bottom set gillnet	25	27%	44	0	42	95%	0	99%	0
Aplaya, Digos City		Handline	19	13%	49	2	49	100%	2	100%	12	
Aplaya, Digos City		Multiple Hook & Line	3	5%	4	0	4	100%	0	0%	0	
Aplaya, Digos City		Troll line	11	7%	13	1	12	92%	0	88%	7	
Aplaya, Abuno		Handline	29	19%	92	2	92	100%	2	100%	0	
Aplaya, Abuno		Multiple Hook & Line	1	3%	1	0	1	100%	0	0%	0	
Bais, Governor, Generoso		Handline	20	22%	102	10	102	100%	10	100%	89	
Bitaug, Sta. Cruz		Handline	28	19%	136	3	136	100%	3	100%	214	
Cebulida		Handline	3	10%	13	1	13	100%	1	100%	35	
Jamboree A		Handline	13	21%	61	3	61	100%	3	100%	72	
Mandalihan		Handline	9	15%	14	1	14	100%	1	100%	26	
Poblacion Kinanga 1		Handline	32	26%	217	4	216	99%	4	100%	33	
Poblacion Kinanga 1		Multiple Hook & Line	6	10%	10	0	10	100%	0	0%	0	
Poblacion Kinanga 2		Handline	27	22%	160	7	160	100%	7	100%	59	
Sabang Malita		Handline	30	20%	93	5	93	100%	5	100%	97	
Talucanga		Handline	14	12%	57	3	57	100%	3	100%	0	
Tibanban		Handline	26	29%	51	2	51	100%	2	100%	0	
12		M-1, GSCFPC	Handline	61	34%	455	1,337	343	75%	996	75%	21,536
		M-3, GSCFPC	Purse seine	48	27%	111	1,695	35	32%	551	33%	13,870
	M-3, GSCFPC	Ring net	59	33%	355	3,036	54	15%	599	20%	22,293	
CARAGA	Bislig Port	Handline	1	3%	1	7	1	100%	7	100%	33	
	Bislig Port	Hook & Line	5	17%	5	21	5	100%	21	100%	46	
	Manggagoy Bislig City	Handline	15	48%	19	93	19	100%	93	100%	359	
	Manggagoy Bislig City	Hook & Line	15	50%	26	74	26	100%	72	97%	325	
	Manggagoy Bislig City	Troll line	34	56%	56	19	56	100%	19	100%	213	
	Santan, Bungtod, Surigao del Sur	Multiple Hook & Line	25	21%	97	6	97	100%	6	99%	444	
	Santan, Bungtod, Surigao del Sur	Handline	4	7%	15	0	15	100%	0	100%	34	
	Santan, Bungtod, Surigao del Sur	Troll line	91	60%	1,324	43	1,294	98%	42	99%	2,206	
	Unidad_Aras-Asan, Surigao del Sur	Gillnet	11	35%	30	2	30	100%	2	100%	0	
	Unidad_Aras-Asan, Surigao del Sur	Multiple Hook & Line	14	24%	27	2	27	100%	2	100%	79	
	Unidad_Aras-Asan, Surigao del Sur	Handline	9	8%	14	1	14	100%	1	100%	50	
	Unidad_Aras-Asan, Surigao del Sur	Troll line	91	60%	607	52	605	99%	46	88%	1,698	
	ARMM	Jolo, Sulu	Drift Gillnet	88	49%	362	63	305	84%	52	83%	2,639
		Jolo, Sulu	Hook & Line	21	12%	27	1	24	89%	1	91%	50
Jolo, Sulu		Multiple Hook & Line	3	5%	4	0	4	100%	0	100%	55	
Jolo, Sulu		Ring net	61	34%	238	290	210	88%	250	86%	969	
Tapian D.O.S. Maguindanao		Gillnet	38	21%	73	2	71	97%	2	96%	161	
Tapian D.O.S. Maguindanao		Multiple Hook & Line	53	29%	316	11	316	100%	11	100%	739	
Tapian D.O.S. Maguindanao	Ring net	2	3%	2	0	2	100%	0	100%	8		

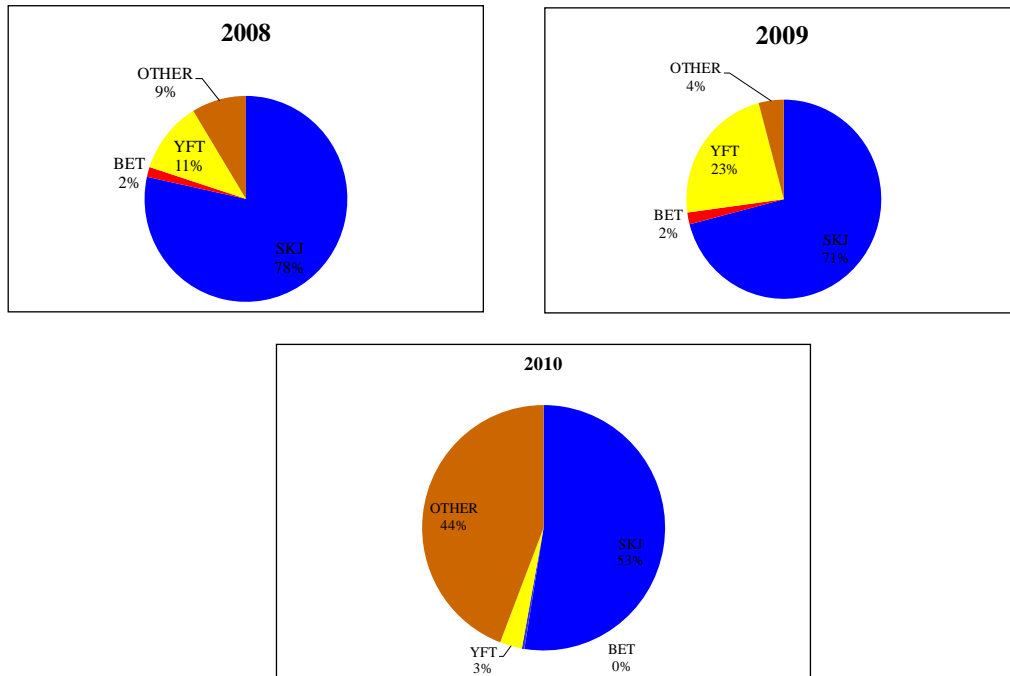
Note: January to June 2011  
OMT = < 1MT

### III. LOGSHEETS DATA

Since 2008, the Bureau of Fisheries and Aquatic Resources (BFAR) launched the catch documentation scheme which includes the catch and effort logsheet system for the purse seine and ringnet vessels. TUFMAN Database system is being utilized to process the data collected from logsheets.

The catch breakdown by species for 2008-2010 logsheets data are shown below (Figure 1). For the 3-year data, skipjack tuna represents the biggest portion of the catch ranging from 53% - 78% while bigeye tuna represents the smallest portion of the catch ranging from 0 – 2%. The 2010 catch composition is somehow different compared to the past 2 years data were other species represents a significant portion of the total catch (44%) and a much lower percentage for both skipjack and yellowfin tuna. This could be due to lower logsheets coverage for 2010. But the Bureau is already working with the industry to improve logsheets data submission.

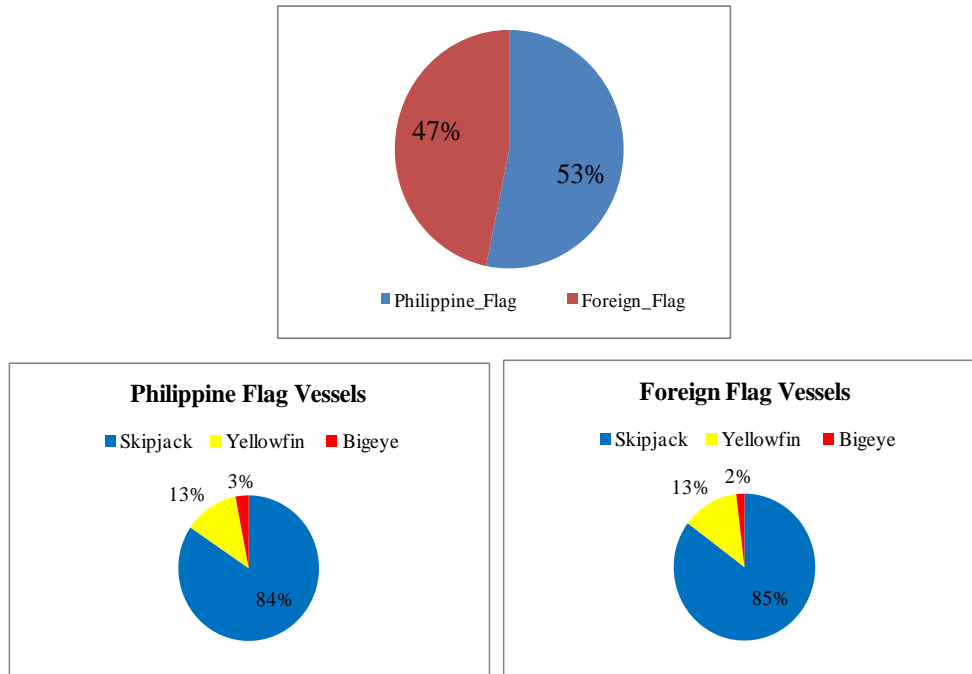
**Figure 1.** Catch breakdown from logsheets data, 2008 - 2010



### IV. CANNERY RECEIPTS

Aside from the logsheets data BFAR also requires canneries to submit monthly cannery unloading/receipts data since 2008 comprising the catch of foreign and domestic purse seine and domestic ring-net vessels. The 2010 cannery data has been provided by 6 out of 7 canneries based in the Philippines. Based on our cannery data for 2010, Philippine-flag vessels supplies 53% of the total raw material need by canneries and 47% comes from foreign-flag vessels. The 2010 catch deliveries represent a 5% decline in Philippine-flag vessels deliveries which was offset by the 5% increase in the foreign-flag deliveries. This scenario could be due to the FAD and high seas closure that resulted to a decrease in catch of Philippine-flag vessels that mainly supplies the Philippine canneries. The catch breakdown for 2010 by species for Philippine-flag and foreign-flag cannery receipts was practically identical (Figure 2).

**Figure 2.** Catch breakdown from 2010 cannery data, by Philippine-flag and Foreign-flag vessels



## V. ANNUAL TUNA CATCH ESTIMATES REVIEW WORKSHOP

The 4<sup>th</sup> Tuna Fisheries Catch Estimates Review Workshop last May 2011 was conducted to review and validate Philippine catch estimates by species and gear type. The workshop was attended by different government agencies and the tuna industry. Data from different sources, namely, BFAR (NSAP, logsheets, cannery receipts), BAS, PFDA and industry were presented and reviewed. The breakdown of the catch by gear according to the process undertaken in the workshop is as follows: Purse Seine (PS) – 93,759MT; Ringnet (RN) – 31,997MT; Handline – 11,729MT; Hook and Line (HL) - 70,000MT and Others (OTH) – 4,031MT. While the breakdown by species is as follows: Skipjack (SKJ) – 131,448MT; Yellowfin (YFT) – 75,638MT and Bigeye (BET) – 4,432MT. After removing the foreign-flagged catch landed in the Philippines from the BAS estimate, there was a difference of around 119,000MT. The difference could be due to the difficulties in estimating the diverse municipal fisheries and could be explained as possible bias in the probability surveys due to very low coverage. The meeting also noted that the BAS estimates by species reconcile very well with the estimates from the workshop for Region 12. The workshop participants noted that while the industrial fleet estimates are now becoming more reliable, there is still a major problem in determining and validating the estimates of the small-scale municipal fisheries that needs to be resolved in the near future. More details on the workshop outputs kindly refer to the workshop report posted in the WCPFC/NFRDI website.

## VI. SUMMARY OF PROJECT ACTIVITIES AND BUDGET

Please refer to **Annex 1** for details.

## **VII. FUTURE PROJECT ACTIVITIES**

The future activities of this project will be geared towards accomplishing the following:

1. Continued coordination with:
  - a. BFAR Regional offices to collect monthly port sampling (NSAP) data from different tuna landing sites
  - b. Fishing industry to submit monthly logsheets data
  - c. Canneries to collect monthly cannery receipts
2. Conduct of annual review to evaluate different sources of catch estimates and produce best possible estimates to be provided to WCPFC.
3. Improve compliance and quality of logsheets data submitted.
4. Continued coordination of tuna tagging activities.
5. Updating of WPEA-OFMP website: <http://www.nfrdi.da.gov.ph/P-WPEA.html>
6. Conduct of Observer Debriefing Workshop
7. Publication of National Tuna Fishery Profile



## Annex 1. Summary of Project Activities and Budget for 2010 to June 2011

	Activity	Period	Budget (US\$)		Status / Outputs
			Donors	Phil-Co-Financed	
1	Port Sampling in the Philippines	1 January to 31 December 2010	38,588	30,000	* 20 enumerators hired; port sampling data collected
2	Tuna Identification Training for BAS key data informants in Puerto Princesa City, Palawan, Philippines	24 - 26 February 2010		11,000	* 25 BAS key data informants trained; tuna posters distributed
3	Port Sampling Data Review Workshop at NFRDI Conference Room, Quezon City, Philippines	13-14 May 2010		2,000	* Workshop report produced
4	2nd Philippines/WCPFC Annual Tuna Fisheries catch Estimates Review at BFAR Conference Room, Quezon City, Philippines	17 - 18 May 2010	10,830	2,500	* Workshop report produced
5	3rd Philippines/WCPFC Annual Tuna Fisheries Catch Estimates Review at Eurotel, Quezon City, Philippines	19-Nov-10		1,000	* Workshop report produced
6	Logsheets implementation	January - December 2010	1,000	1,000	* Logsheets data collected; summary report produced included in WPEA progress report
7	Printing & distribution of observer references	May & October 2010	1,000	4,000	* Printing and distribution of observer manual during observer training financed by Philippine Government through BFAR
8	Participate to SAW and EMAW 2010*	14 - 21 June 2010	6,000		* Report produced
9	Coordination of tuna tagging activities	January - December 2010	1,000	1,000	* Tagging posters printed and distributed; tagging rewards paid to respective tag finders for each recovered tag; around 1,515 tags recovered for 2010
10	Coordination of tuna data research	January - December 2010	1,000	1,000	* Continued collaboration on the exchange of tuna data and research initiatives with different agencies and organizations
11	National Stock Assessment Workshop	16 - 18 December 2010	5,650	6,000	* Workshop report produced
12	Centralized Database System	December 2010	6,000		* Equipments produced
13	Policy, Legal & Institutional (PLI) Workshop	16 - 17 November 2010	8,700	3,000	* Workshop report produced; PLI consultancy report produced including checklist (preliminary)
14	Development of WPEA website	October - December 2010	9,300	1,000	* WPEA website incorporated in the NFRDI website (in progress) <a href="http://www.nfrdi.da.gov.ph/P-WPEA.html">http://www.nfrdi.da.gov.ph/P-WPEA.html</a>
15	Review of National Tuna Industry Council Functions		3,200		* Contract prepared but need further negotiations with the consultant
16	Updating of National Tuna Management Plan (NTMP)	18-Nov-10	3,200	1,500	* In progress of completing the updated NTMP; Workshop report produced
17	Continued Port Sampling Implementation	January - December 2011	65,760	30,000	* 20 enumerators hired; continue port sampling data collection
18	Port Sampling Data Review Workshop at NFRDI Conference Room, Quezon City, Philippines	12 - 13 May 2011	2,550	1,500	* Workshop report produced
19	4th Philippines/WCPFC Annual Tuna Fisheries catch Estimates Review at BFAR Conference Room, Quezon City, Philippines	16 - 17 May 2011	2,550	1,500	* Workshop report produced
20	Continued coordination of tuna tagging activities	January - December 2011	1,080	1,000	* Continued printing and distribution of tagging posters; continue to pay tagging rewards to respective tag finders for each recovered tag
21	Participate in the Stock Assessment Workshop (SAW)	26 June - 5 July 2011			* Report produced
22	Participate in the Tuna Data Workshop (TDW5)	18 - 22 April 2011			* Report produced
	<b>TOTAL</b>		<b>167,408</b>	<b>99,000</b>	