



**SCIENTIFIC COMMITTEE
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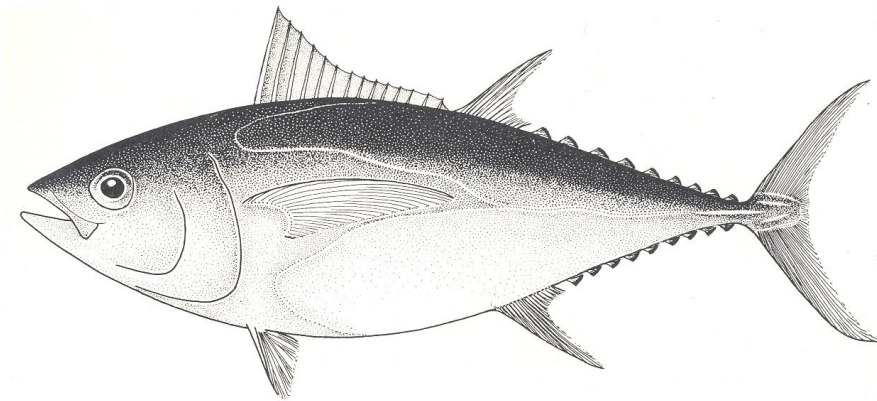
Philippines WPEA Progress Report Summary

WCPFC-SC6-2010/GN-IP-13
Rev.1

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

PROGRESS REPORT 2010

(As of July 2010)



Philippine WPEA Progress Report Summary

Philippines continued port sampling activities after IPDCP in few selected sites with funding from Philippine government and ACIAR. Starting 1 July 2010, additional sites will be monitored with WPEA funding support. Logsheets data and cannery receipts data were also gathered starting 2008 to comply with WCPFC data requirements and obligations. An annual catch estimates review workshop was conducted last May 17-18, 2010 to help come-up with possible catch estimates by species and gear type using various data sources. This activity was helpful in validating and improving tuna catch estimates of the Philippines.

Future activities are as follows: a) continue port sampling activities, gathering of logsheets and cannery receipts; b) conduct of follow-up review on catches of purse seine (19 November 2010); c) conduct of annual catch estimates review workshop; d) update the National Tuna Management Plan; e) conduct of Policy, Legal and institutional Workshop (November 2010); f) develop WPEA website and selection/compilation of IEC materials; g) review National Tuna Industry Council activities and identify problems (if any) for improvement; h) produce Species ID and observer manual; and i) conduct of Stock Assessment Workshop (October 2010).

**WEST PACIFIC EAST ASIA OCEANIC FISHERIES MANAGEMENT
PROJECT (WPEA-OFMP): PROGRESS REPORT 2010**

Philippine Component

I. PORT SAMPLING ACTIVITIES

Port sampling activities were continued after the IPDCP through NSAP monitoring activities in a few selected landing sites around the country 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) office to be incorporated in the NSAP Database System. Below is the list of sampling sites and number of enumerators assigned. But with the help of WPEA-OFMP funding support which started July 2010, we will be able to monitor additional tuna landing sites and continue monitoring activities in areas funded by ACIAR which will tentatively end August 2010.

Table 1. List of port sampling areas monitored and number of enumerators assigned.

Region and Sampling Site/Port	Number of Enumerators
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 12: General Santos City*	4
ARMM: Jolo, Sulu	2

* With funding support from ACIAR

One data encoder continued her services with funding support from BFAR. She encoded all the tuna data collected by the NSAP enumerators by region, fishing ground, landing center and gear type in NSAP Database.

Table 2 shows the summary of total unloading/s and total sampled catch for January 2009 until March 2010 by region, landing center and gear.

Table 2. Summary of total unloading/s and total sampled catch from Jan – Dec 2009 and Jan – Mar 2010 by region, landing center and gear.

Region	Landing Center	Gear	Days Sampled		TOTAL UNLOADINGS		TOTAL SAMPLED				
				%	Trips	MT	Trips	%	MT	%	LFREQ
1	Cato, Infanta, Pangasinan	Tuna Drift Longline	58	16%	168	60	168	100%	59	99%	3,838
	Pilar, Sta. Cruz, Ilocos Sur	Hook & Line	83	23%	1,208	31	1,204	100%	31	99%	6,478
3	Balogo Fish Port	Purse Seine	2	7%	3	12	3	100%	12	100%	74
	Masinloc Fish Port	Handline	56	17%	308	7	257	83%	6	81%	2,324
	Masinloc Fish Port	Hook & Line	2	7%	10	0	10	100%	0	100%	129
	Matalvis & Balogo Fish Port	Purse Seine	38	14%	68	171	55	81%	135	79%	2,216
	Matalvis Fish Port	Purse Seine	9	15%	15	46	12	80%	46	100%	284
4	Brgy. Sta. Lourdes (Sitio Magarwa)	Hook & Line	30	16%	302	49	302	100%	49	100%	1,163
	Brgy. Bagong Silang	Multiple Hook & Line	39	21%	140	6	139	99%	6	99%	294
	Brgy. Tagburos	Multiple Hook & Line	83	23%	257	8	257	100%	8	100%	313
	Brgy. Bancao bancao	Hook & Line	56	20%	490	58	490	100%	57	98%	1,111
	Brgy. Bancao bancao	Hook & Line with Payao	23	26%	55	21	55	100%	21	99%	544
5	Sugod, Tiwi, Albay	Hook & Line	61	50%	1,172	45	1,150	98%	44	98%	2,001
	Sugod, Tiwi, Albay	Troll line	42	34%	413	4	395	96%	4	97%	1,274
	Tabaco City	Hook & Line	75	61%	694	56	310	45%	56	100%	1,578
	Tabaco City	Multiple Hook & Line	6	7%	9	0	6	67%	0	81%	14
	San Jose, Camarines Sur	Hook & Line	81	66%	923	21	658	71%	21	100%	1,539
	San Jose, Camarines Sur	Multiple Hook & Line	14	15%	26	0	26	100%	0	98%	0
	Nato Sagñay, Camarines Sur	Hook & Line	73	60%	648	17	641	99%	17	100%	921
	Nato Sagñay, Camarines Sur	Multiple Hook & Line	12	10%	18	0	16	89%	10	95%	164
	Iloilo Fishing Port	Hook & Line	14	8%	14	26	14	100%	26	100%	0
Iloilo Fishing Port	Danish Seine	105	38%	116	394	115	99%	390	99%	0	
Iloilo Fishing Port	Purse Seine	142	52%	213	847	213	100%	846	100%	1,661	
Maybato North/San Angel, San Jose	Hook & Line	72	20%	120	208	124	100%	206	99%	975	
Maybato North/San Angel, San Jose	Multiple Hook & Line	53	15%	84	93	83	99%	93	100%	864	
Maybato North/San Angel, San Jose	Purse Seine	19	13%	19	21	18	95%	18	89%	0	
Maybato North/San Angel, San Jose	Ring net	84	23%	615	487	615	100%	487	100%	487	
8	Sabang 1, Borongan, E. Samar	Hook & Line	31	25%	181	6	180	99%	6	100%	637
	Sabang 1, Borongan, E. Samar	Troll line	21	17%	44	6	44	100%	6	100%	568
	Sabang 2, Borongan, E. Samar	Hook & Line	32	26%	252	15	251	100%	15	98%	737
	Sabang 2, Borongan, E. Samar	Troll line	27	22%	69	11	68	99%	11	100%	582
	Sapao Beach, Guiuan, E. Samar	Hook & Line	35	29%	502	12	492	98%	11	99%	340
	Sapao Beach, Guiuan, E. Samar	Troll line	2	7%	12	0	12	100%	0	94%	14
12	M-1, GSCFPC	Handline	84	35%	756	1,530	395	52%	758	50%	15,776
	M-3, GSCFPC	Purse seine	108	30%	353	10,001	70	20%	2,122	21%	24,160
	M-3, GSCFPC	Ring net	118	32%	573	6,285	9	2%	137	2%	2,744
ARM	Jolo, Sulu	Drift Gillnet	85	46%	371	53	368	99%	50	94%	2,856
	Jolo, Sulu	Hook & Line	17	9%	28	2	28	100%	2	100%	114
	Jolo, Sulu	Ring net	72	34%	589	319	586	99%	318	100%	2,987

Note: January to December 2009
OMT = < 1MT

Region	Landing Center	Gear	Days Sampled		TOTAL UNLOADINGS		TOTAL SAMPLED				
				%	Trips	MT	Trips	%	MT	%	LFREQ
1	Cato, Infanta, Pangasinan	Tuna Drift Longline	5	16%	14	4	14	100%	4	100%	398
	Pilar, Sta. Cruz, Ilocos Sur	Hook & Line	17	29%	256	4	256	100%	4	100%	723
3	Masinloc Fish Port	Handline	19	32%	81	2	70	86%	2	85%	317
	Masinloc Fish Port	Hook & Line	6	19%	34	1	28	82%	0	77%	187
	Matalvis & Balogo Fish Port	Purse Seine	26	29%	48	169	37	77%	133	77%	2,091
4	Brgy. Sta. Lourdes (Sitio Magarwa)	Hook & Line	20	33%	85	19	85	100%	19	100%	446
	Brgy. Bagong Silang	Multiple Hook & Line	21	23%	52	2	52	100%	2	100%	139
	Brgy. Tagburos	Multiple Hook & Line	43	28%	110	3	110	100%	3	100%	121
	Brgy. Bancao bancao	Hook & Line	42	28%	185	55	185	100%	55	100%	1,140
5	Sugod, Tiwi, Albay	Handline	100	66%	1,218	30	944	78%	29	99%	1,736
	Sugod, Tiwi, Albay	Troll line	6	10%	43	0	39	91%	0	100%	163
	Tabaco City	Handline	96	64%	516	36	332	64%	35	99%	574
	Tabaco City	Multiple Hook & Line	2	3%	2	0	2	100%	0	100%	0
	San Jose, Camarines Sur	Handline	102	68%	1,384	18	891	64%	18	96%	547
	San Jose, Camarines Sur	Multiple Hook & Line	20	16%	64	0	53	83%	0	100%	71
	Nato Sagñay, Camarines Sur	Handline	79	52%	317	5	310	98%	5	99%	258
	Nato Sagñay, Camarines Sur	Multiple Hook & Line	6	7%	9	0	8	89%	0	97%	42
6	Iloilo Fishing Port	Ring net	1	3%	2	0	2	100%	0	100%	35
	Iloilo Fishing Port	Danish Seine	10	32%	12	47	12	100%	47	100%	0
	Iloilo Fishing Port	Purse Seine	15	48%	23	96	23	100%	96	100%	209
	Maybato North/San Angel, San Jose	Hook & Line	2	6%	4	12	4	100%	12	100%	45
	Maybato North/San Angel, San Jose	Multiple Hook & Line	7	23%	17	31	17	100%	31	100%	109
	Maybato North/San Angel, San Jose	Purse Seine	2	6%	2	8	2	100%	8	100%	0
Maybato North/San Angel, San Jose	Ring net	9	29%	103	85	103	100%	85	100%	42	
8	Sabang 1, Borongan, E. Samar	Hook & Line	61	34%	231	9	227	98%	9	99%	1,812
	Sabang 1, Borongan, E. Samar	Troll line	32	18%	48	8	47	98%	7	97%	528
	Sabang 2, Borongan, E. Samar	Hook & Line	55	30%	411	21	411	100%	21	100%	1,869
	Sabang 2, Borongan, E. Samar	Troll line	26	14%	35	7	35	100%	7	100%	420
	Sapao Beach, Guiuan, E. Samar	Hook & Line	59	33%	475	8	471	99%	8	99%	185
12	M-1, GSCFPC	Handline	63	35%	471	1,211	371	79%	954	79%	31,456
	M-3, GSCFPC	Purse seine	19	32%	37	678	9	24%	182	27%	3,112
	M-3, GSCFPC	Ring net	19	32%	88	767	2	2%	6	1%	663
	ARM	Jolo, Sulu	Drift Gillnet	31	53%	156	19	156	100%	19	100%
Jolo, Sulu	Hook & Line	8	14%	11	0	11	100%	0	100%	20	
Jolo, Sulu	Ring net	21	36%	131	179	131	100%	179	100%	502	
Jolo, Sulu	Multiple Hook & Line	2	6%	2	0	2	100%	0	100%	30	

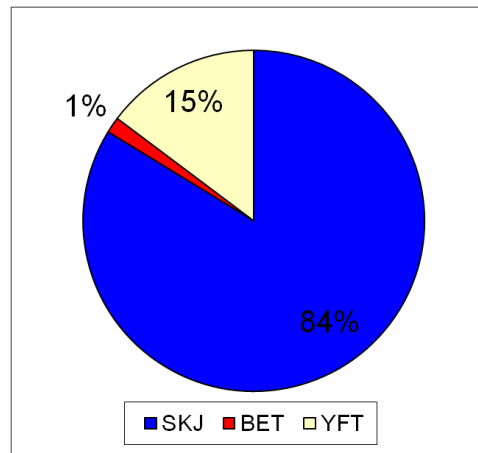
Note: January to March 2009
OMT = < 1MT

II. 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.

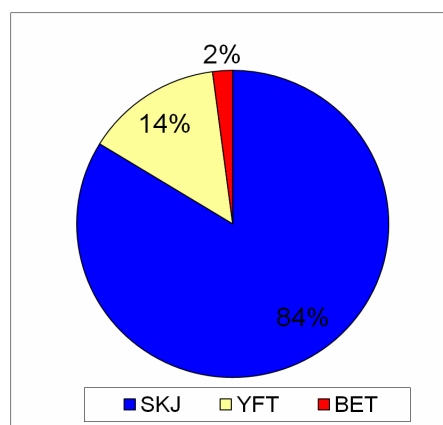
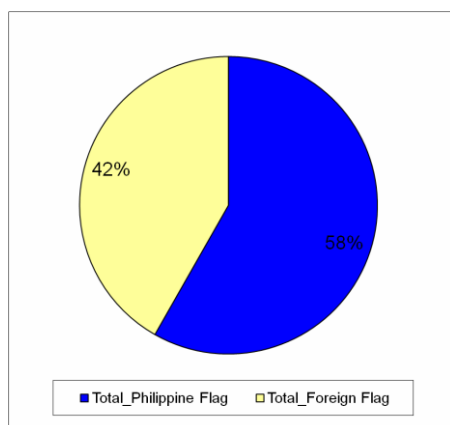
Logsheet data collection in the Philippines domestic tuna fisheries was established in 2008. Although 2004 logsheets have also been provided to WCPFC in relation to reporting requirements under the WCPFC CMM 2008-01. Purse-seine logsheet coverage for 2008 was 76 vessels (~60%), for 2009 to date, 52 vessels (~ 50%) and for 2010 to date, 22 vessels have provided logsheets. There are currently 190 registered purse-seine vessels but there are only about 100-120 considered active.

The percentage catch by species breakdown from the 2009 logsheets data was SKJ (84%), YFT (15%) and BET (1%). Catches in the domestic EEZ during 2009 according to logsheets processed, indicate a higher proportion of SKJ in the overall catch compared to other areas.



III. 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 2009 cannery data have been provided for 6 out of the 7 canneries based in the Philippines. The cannery data are broken down by foreign flag receipts (42%) and Philippine-flagged receipts (58%). The breakdown of the 2009 catch by species for the Philippine-flagged cannery receipts was practically identical to the species composition from the logsheets data, which was very encouraging since they are two independent types of data.



IV. ANNUAL TUNA CATCH ESTIMATES REVIEW WORKSHOP

The 2nd Tuna Fisheries Catch Estimates Review Workshop last May 2010 was conducted to review and validate Philippine catch estimates by species and gear type. Data from different sources, namely, BFAR (NSAP, logsheets, cannery receipts), BAS, PFDA and industry were presented and reviewed. During this review workshop, the identification of the tuna species was also discussed based on the outcome of the port audit sampling conducted in November 2009 in Palawan. After reviewing all possible sources of catch of bigeye, the annual catch statistics of the BAS for 2009 was 5,735MT.

V. FINANCIAL REPORT

Activity	Period	Budget (US\$)	
		Donors	Phil-Co-Financed
1. Inception Workshop in Cebu City, Philippines	2-4 July 2009		1,200
2. Review of BET & YFT Catch Estimates in Puerto Princesa City, Palawan, Philippines	26 October - 2 November 2009	15,000	550
3. Port Sampling in the Philippines	1 January to 31 December 2010	38,588	30,000
4. Tuna Identification Training for BAS key data informants in Puerto Princesa City, Palawan, Philippines	24 - 26 February 2010		11,000
5. Port Sampling Data Review Workshop at NFRDI Conference Room, Quezon City, Philippines	13-14 May 2010		2,000
6. 2nd Philippines/WCPFC Annual Tuna Fisheries catch Estimates Review at BFAR Conference Room, Quezon City, Philippines	17 - 18 May 2010	11,830	2,500
TOTAL		65,418	47,250

VI. FUTURE ACTIVITIES

The future activities of this project will be geared towards accomplishing requirements/obligations such as the following:

1. Continued coordination with:
 - a. BFAR Regional offices to collect monthly 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. Evaluate the effectiveness of the Fisheries Administrative Order (FAO) No. 236: Rules and Regulation on the Operation of Purse Seine and Ringnet Vessels using Fish Aggregating Devices (FADs) locally known as Payaos during the FAD Closure Period as Compatible Measure to WCPFC-CMM-2008-01 to reduce fishing mortality of bigeye and yellowfin tuna. This can be done by compiling & analyzing available data from NSAP, logsheets & observers.
4. Evaluate the quality of logsheets data submitted and investigate the reasons for non-participation of other industry players.
5. Conduct of policy, legal and institutional workshop.
6. Produce observer manual.
7. Update of the Tuna Management Plan