



**SCIENTIFIC COMMITTEE
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IPDCP PROGRESS REPORT 2008 [PHILIPPINES]

WCPFC-SC4-2008/GN-WP-5

NFRDI¹

¹ National Fisheries Research and Development Institute, Philippines.

**INDONESIA – PHILIPPINES
DATA COLLECTION PROJECT
(Philippines):
PROGRESS REPORT 2008**

(As of July 2008)



**INDONESIA - PHILIPPINES DATA COLLECTION PROJECT (IPDCP):
PROGRESS REPORT 2008**

National Fisheries Research and Development Institute (NFRDI)

I. ADMINISTRATION

A. Enumerators

The NSAP enumerators collected data from their assigned ports particularly on oceanic tuna/s (e.g. yellowfin, bigeye and skipjack) which is already on its 4th year of its implementation. 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. The salaries of these enumerators are charged under the project funds for certain months (e.g. Region 4: 1 enumerator @ Php 7, 500/month for 6 months) except for ARMM which is funded under the project funds for the whole year. Below is the list of enumerators and their respective port assignments in each region under the Indonesia-Philippines Data Collection Project (IPDCP).

Table 1. List of enumerators and their port assignments.

Enumerator/s	Region and Sampling Site/Port
Florencio Salaan	Region 1: Sta. Cruz, Ilocos Sur
Marlon Bonzo	
Edgardo Caroc	Region 3: Masinloc, Zambales
Aurea Agustin	
Megdon Sumandal	Region 4B: Puerto Princesa City
Lina Gerafil	Region 6: San Jose, Antique
Nancy de Castro	
Helene Besonia	Region 11: Davao City
Glennville Castrence	Region 12: General Santos City
Samuel Sumagaysay	
Genevive Bacaron	
Rida Pawaki	ARMM: Jolo, Sulu
Wahid Abduhalik	

B. Encoders

Two data encoders were hired and assigned for the IPDCP. They encode all the tuna data collected by the NSAP enumerators by region, fishing ground, landing center and gear type in NSAP Database System version 4.2. Beginning July 2008, they also encode logsheets data utilizing the TUFMAN system (*installed last June 2008*).

Table 2 shows the summary of total unloading/s and total sampled catch for January 2007 until June 2008 by region, landing center and gear.

Table 2. Summary of total unloading/s and total sampled catch from Jan – Dec 2007 and Jan – June 2008 by region, landing center and gear.

Region	Landing Center	Gear	Days		TOTAL UNLOADINGS		TOTAL SAMPLED				
			Sampled	%	Trips	MT	Trips	%	MT	%	LFREQ
1	Cato, Infanta, Pangasinan	Tuna Drift Longline	70	19%	179	47	178	99%	46	99%	4,116
	Cato, Infanta, Pangasinan	Hook & Line	1	3%	12	0	0	0%	0	0%	0
	Pilar, Sta. Cruz, Ilocos Sur	Hook & Line	93	25%	1,290	26	1,253	97%	25	98%	5,560
3	Balogo Fish Port	Purse Seine	9	4%	11	24	11	100%	24	100%	281
	Balogo Fish Port	Purse Seine w/ Payao	3	5%	3	6	3	100%	6	100%	70
	Masinloc Fish Port	Handline	54	20%	280	5	261	93%	4	88%	2,381
	Masinloc Fish Port	Hook & Line	16	10%	83	2	60	72%	1	67%	614
	Masinloc Fish Port	Purse Seine with Payao	9	15%	15	60	15	100%	60	100%	417
	Matalvis & Balogo Fish Port	Purse Seine	11	7%	20	44	20	100%	42	95%	536
	Matalvis Fish Port	Purse Seine	26	11%	30	113	30	100%	93	83%	882
	Matalvis Fish Port	Purse Seine w/ Payao	4	13%	4	10	4	100%	10	100%	113
4	Brgy. Sta. Lourdes (Sitio Magarwal)	Hook & Line	14	15%	68	8	68	100%	8	99%	132
	Brgy. Sta. Lourdes (Sitio Magarwal)	Hook & Line (Free School)	3	10%	29	4	29	100%	4	98%	103
	Brgy. Bagong Silang	Multiple Hook & Line	27	18%	66	2	66	100%	2	94%	142
	Brgy. Tagburos	Hook & Line	1	3%	7	1	7	100%	1	100%	13
	Brgy. Tagburos	Multiple Hook & Line	3	10%	3	0	3	100%	0	100%	0
	Brgy. Tagburos	Multiple Hook & Line (Payao)	69	21%	169	6	168	99%	5	90%	394
	Brgy. Bancao bancao	Hook & Line	8	13%	38	3	38	100%	3	100%	34
	Brgy. Bancao bancao	Hook & Line (Free School)	21	17%	383	65	375	98%	46	72%	242
	Brgy. Bancao bancao	Hook & Line with Payao	22	15%	29	7	29	100%	7	100%	302
	Jacana	Hook & Line	3	10%	13	1	13	100%	1	100%	11
	6	Iloilo Fishing Port	Hook & Line	26	9%	38	25	37	97%	25	100%
Iloilo Fishing Port		Hook & Line(Free Schl)	2	3%	2	1	2	100%	2	148%	6
Iloilo Fishing Port		Mid-water trawl	1	3%	1	0	1	100%	0	100%	16
Iloilo Fishing Port		Purse Seine	112	34%	206	282	202	98%	264	94%	1,389
Iloilo Fishing Port		Purse Seine (Free Schl)	13	11%	18	84	18	100%	86	103%	63
Iloilo Fishing Port		Purse Seine with Payao	1	3%	1	11	1	100%	11	100%	17
Maybato North/Malaiba		Hook & Line	3	10%	6	11	6	100%	11	100%	60
Maybato North/Malaiba		Multiple Hook & Line	6	10%	10	1	10	100%	1	88%	90
Maybato North/Malaiba		Purse Seine	3	5%	3	2	3	100%	2	100%	0
Maybato North/Malaiba		Ringnet	3	10%	21	18	17	81%	12	66%	42
Maybato North/San Angel, San Jose		Hook & Line	76	21%	146	138	141	97%	128	93%	816
Maybato North/San Angel, San Jose		Hook & Line with Payao	1	3%	1	1	1	100%	1	100%	0
Maybato North/San Angel, San Jose		Multiple Hook & Line	85	23%	176	242	177	101%	236	98%	1,090
Maybato North/San Angel, San Jose		Purse Seine	31	10%	31	56	29	94%	54	96%	23
Maybato North/San Angel, San Jose		Purse Seine with Payao	1	3%	1	4	1	100%	4	100%	0
Maybato North/San Angel, San Jose		Ring net	58	17%	251	279	249	99%	278	100%	404
Maybato North, San Jose Antique		Hook & Line	9	6%	11	2	10	91%	2	75%	82
Maybato North, San Jose Antique	Multiple Hook & Line	76	23%	213	42	206	97%	38	91%	1,888	
9	Permex Fish Company	Purse Seine	8	4%	9	6,142	9	100%	6,139	100%	784
	Tukuran	Bagnet	82	45%	118	186	117	99%	185	99%	4,092
	Tukuran	Hook & Line	39	32%	105	108	104	99%	106	99%	3,025
	Tukuran	Purse Seine	102	55%	580	2,158	580	100%	2,157	100%	44,144
11	Bitaug, Sta. Cruz	Handline	38	13%	188	4	178	95%	4	100%	321
	Cebulida	Handline	8	4%	21	3	21	100%	3	100%	57
	Davao Fish Port Complex	Longline	160	48%	531	3,404	511	96%	3,366	99%	6,543
	Jamboree A	Handline	12	10%	31	2	31	100%	2	100%	29
	Jamboree B	Handline	14	9%	35	2	35	100%	2	99%	36
	Jamboree B	Troll Line	2	3%	2	0	2	100%	0	100%	2
	Mandalihan	Handline	3	5%	3	0	3	100%	0	100%	3
	Mandalihan	Multiple Handline	2	7%	2	0	2	100%	0	100%	18
	Mandalihan	Scoop Net	1	3%	1	0	1	100%	0	100%	1
	Mandalihan	Troll Line	1	3%	1	0	1	100%	0	100%	3
	Sabang	Handline	31	11%	78	5	78	100%	5	100%	109
	Sabang	Multiple Handline	6	7%	16	0	16	100%	0	100%	185
	Talucanga	Handline	9	10%	28	2	28	100%	1	97%	0
	Talucanga	Hook & Line	2	6%	2	0	13	100%	0	100%	0
Tibanban	Handline	101	30%	199	11	197	99%	11	97%	19	
12	M-1, GSCFPC	Handline	125	34%	2,301	7,110	636	28%	1,912	27%	23,614
	M-3, GSCFPC	Purse seine	71	21%	231	6,253	50	22%	1,823	29%	18,738
	M-3, GSCFPC	Purse seine w/ Payao	35	19%	128	4,024	35	27%	1,414	35%	14,194
	M-3, GSCFPC	Ring net	107	29%	532	6,090	21	4%	291	5%	9,522
	M-3, GSCFPC	Ring net with Payao	2	3%	17	243	2	12%	35	14%	984
ARMM	Jolo, Sulu	Drift Gillnet	184	50%	908	1,172	901	99%	1,131	97%	4,146
	Jolo, Sulu	Hook & Line	8	5%	15	1	15	100%	1	60%	99
	Jolo, Sulu	Longline	1	3%	1	0	1	100%	0	100%	0
	Jolo, Sulu	Ring net	166	45%	884	1,275	878	99%	1,266	99%	7,494
	Jolo, Sulu	Troll Line	5	8%	8	0	8	100%	0	100%	118

Note: January to December 2007
OMT = < 1MT

Region	Landing Center	Gear	Days		TOTAL UNLOADINGS		TOTAL SAMPLED				
			Sampled	%	Trips	MT	Trips	%	MT	%	LFREQ
1	Cato, Infanta, Pangasinan	Tuna Drift Longline	24	16%	49	13	49	100%	13	100%	1,140
	Pilar, Sta. Cruz, Ilocos Sur	Hook & Line	42	28%	551	9	542	98%	9	99%	1,914
3	Balogo Fish Port	Purse Seine	5	5%	5	16	5	100%	16	100%	139
	Masinloc Fish Port	Handline	20	22%	103	3	100	97%	3	95%	330
	Masinloc Fish Port	Hook & Line	13	21%	71	1	64	90%	1	87%	632
	Matalvis & Balogo Fish Port	Purse Seine	1	3%	2	3	2	100%	3	100%	59
	Matalvis Fish Port	Purse Seine	22	14%	26	85	26	100%	85	100%	728
4	Brgy. Sta. Lourdes (Sitio Magarwal)	Hook & Line	14	15%	139	27	140	100%	27	100%	578
	Brgy. Bagong Silang	Multiple Hook & Line	21	23%	47	1	47	100%	1	100%	136
	Brgy. Tagburos	Multiple Hook & Line	47	26%	137	6	136	99%	5	82%	179
	Brgy. Bancao bancao	Hook & Line	19	21%	245	31	261	100%	31	100%	582
	Brgy. Bancao bancao	Hook & Line with Payao	24	26%	41	14	39	95%	13	97%	268
6	Iloilo Fishing Port	Hook & Line	7	12%	9	2	9	100%	2	100%	0
	Iloilo Fishing Port	Danish Seine	11	12%	12	1	12	100%	1	100%	0
	Iloilo Fishing Port	Purse Seine	25	27%	40	39	40	100%	39	99%	0
	Maybato North/San Angel, San Jose	Hook & Line	8	9%	9	6	9	100%	6	100%	99
	Maybato North/San Angel, San Jose	Multiple Hook & Line	48	53%	120	162	112	93%	153	95%	1,264
	Maybato North/San Angel, San Jose	Purse Seine	3	5%	3	3	3	100%	3	100%	180
	Maybato North/San Angel, San Jose	Ring net	22	24%	71	55	71	100%	51	92%	0
11	Bitaug, Sta. Cruz	Handline	20	17%	96	2	95	99%	2	97%	213
	Cebulida	Handline	4	7%	8	2	8	100%	2	100%	32
	Davao Fish Port Complex	Longline	52	43%	97	948	95	98%	897	95%	1,621
	Jamboree A	Handline	7	12%	29	1	29	100%	1	100%	17
	Jamboree A	Trammel gillnet	1	3%	4	0	0	0%	0	0%	0
	Jamboree B	Handline	9	15%	22	1	20	91%	1	91%	21
	Mandalihan	Handline	2	3%	2	0	2	100%	0	100%	3
	Sabang	Handline	16	13%	24	1	24	100%	1	100%	73
	Sabang	Multiple Handline	3	5%	59	0	7	12%	0	100%	75
	Talucanga	Handline	2	6%	3	0	3	100%	0	100%	0
	Talucanga	Hook & Line	1	3%	1	0	0	0%	0	100%	0
	Tibanban	Handline	43	36%	81	4	80	99%	4	100%	5
	12	M-1, GSCFPC	Handline	40	33%	573	1,977	176	31%	597	30%
M-3, GSCFPC		Purse seine	46	30%	150	4,366	35	23%	1,044	24%	13,618
M-3, GSCFPC		Purse seine w/ Payao	1	3%	3	140	1	33%	25	18%	637
M-3, GSCFPC		Ring net	44	29%	185	2,834	5	3%	80	3%	2,061
ARMM	Jolo, Sulu	Drift Gillnet	60	33%	306	34	303	99%	33	97%	2,058
	Jolo, Sulu	Hook & Line	18	12%	27	1	27	100%	1	100%	111
	Jolo, Sulu	Multiple Hook & Line	1	3%	6	0	6	100%	0	100%	0
	Jolo, Sulu	Ring net	61	34%	442	148	440	100%	146	99%	2,255

Note: January to June 2008
OMT = < 1MT

C. Assistant National Tuna Coordinator

The Assistant National Tuna Coordinator assists in the overall implementation of the IPDCP. The Assistant National Tuna Coordinator performs the following duties: (1) facilitate purchase, distribution and inventory of supplies, materials and equipment for the project, as needed; (2) liaise with BFAR-NSAP Regional Offices and the WCPFC on matters related to the project; (3) making inventory of historical data from 1997 to present (Table 3); (4) traveled to the different landing sites to monitor and coordinate the project implementation; (5) assists in supervising the encoders assigned for this project; (6) coordinates with BAS and PFDA on the exchange of fishery statistics; (7) attended the National Tuna Council Meeting (*if the National Tuna Coordinator is not available*); (8) assisted in the preparation of the tuna fishery annual report; (9) coordinates with BFAR Licensing Section on the logsheet implementation; (10) coordinate/follow-up with tuna canneries on the submission of the cannery unloading data; and (11) handles the preparation of financial and progress report of this project.

D. Annual Tuna Statistics Review/Workshop

Annual Tuna Statistics Review/Workshop was conducted last 2 – 3 June 2008. This was attended by BFAR, NFRDI, BAS, PFDA and the industry. Mr. Peter Williams, SPC Database Manager attended the workshop on

behalf of the WCPFC. The purpose of the said review/workshop was to review existing data and estimates, in order to work towards a system of producing reliable catch estimates by gear type. This activity will be an annual activity starting this year.

Table 3. Historical NSAP Data: Updates / Status

Region	Remarks
I - Lingayen Gulf	2005, 2006, 2007 (some of NSAP historical raw data and catch data summary are available)
3 - Zambales	Zambales: 1997 - 1999, 2005, 2006, 2007 Subic: 1999, 2001, 2003, 2004 Santa Cruz: 1998 - 2004 Masinloc: 2000 - 2004 (2005, 2006 & 2007 data included in Zambales)
4 - Honda Bay, Tayabas Bay etc	1997 - 2002, 2003, 2002 - 2005 (converted to run with the new NSAP database version) 2006 - 2007
6 - Visayan Sea, Cuyo East Pass	2000 - 2007
9 - Zamboanga	1997 - 1998, 2005 - 2007 2000 - 2004 (Raw data were no longer available but production summary by fishing ground, by gear, by month and species composition was the only data available (in excel files))
11 - Davao	1998, 1999, 2003, 2005 - 2007 (Some of their historical data, entered into a different database system, needs to be converted; also, the historic TWLL data will be coordinated again with the regional office, to be entered in the new database system in NFRDI office)
12 - General Santos City	1997 - 2007 (NSAP historical raw data for other landing centers are available; this needs coordination with BFAR 12 for the processing of data in the NSAP Database System 4.2)
ARMM	1997 - 1998, 2005 - 2007 (Historical raw data are available, but need to be forwarded to NFRDI office for encoding, which needs follow-up from the BFAR-ARMM or probably visit the regional office to get the said data)

II. FINANCIAL REPORT

The total approved budget for 2008 and expenditure of the project funds until 11 July 2008 is summarized in Table 4.

III. FUTURE ACTIVITIES

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

- A. Continued implementation of NSAP activities.
- B. Continued compilation of historical time series of tuna catch statistics (especially in the tuna canneries if available).
- C. Compare catch surveys gathered by BAS and NSAP.
- D. Continued collaboration/exchange of tuna fishery statistics among BAS, BFAR-NFRDI, PFDA, industry and other concerned agencies.

- E. Continued implementation of the purse seine / ringnet logsheets (using a revised version) and implementation handline logsheets.
- F. Processing of the logsheets utilizing the TUFMAN system.
- G. Continued implementation of the Cannery Unloading form.
- H. Conduct of annual tuna review with BFAR, BAS, PFDA, industry and other concerned agencies.
- I. Other activities in line with the project implementation.

Table 4

FINANCIAL REPORT 2008

(until 11 July 2008)

Project Title: Indonesia and Philippines Data Collection Project (Tuna Project)

Funding Agency: Western and Central Pacific Fisheries Commission (WCPFC)

Implementing Agency: National Fisheries Research and Development Institute (NFRDI)

DETAILS / BREAKDOWN	Total Budget for 2008	Total Budget for 2008	Total Expenses (until 11 July 2008)	Total Expenses (until 11 July 2008)	Remaining Balance (until 11 July 2008)	Remaining Balance (until 11 July 2008)
	Amount (PHP)	Amount (US \$)	Amount (PHP)	Amount (US \$)	Amount (PHP)	Amount (US \$)
NATIONAL STOCK ASSESSMENT PROGRAM (NSAP)						
Enumerators	405,000.00	10,125.00	142,500.00	3,527.23	262,500.00	6,497.52
Encoders	180,000.00	4,500.00	68,525.78	1,696.18	111,474.22	2,759.26
Supplies and materials	15,000.00	375.00	13,435.00	332.55	1,565.00	38.74
NSAP SUB-TOTAL	600,000.00	15,000.00	224,460.78	5,555.96	375,539.22	9,295.53
NTC and ANTC						
Traveling Expenses @ Php 10,000 per trip	170,000.00	4,250.00	82,872.00	2,051.29	87,128.00	2,156.63
Computers, scanner and printer	80,000.00	2,000.00	48,800.00	1,207.92	31,200.00	772.28
Operating Expenses & Miscellaneous Expenses	10,000.00	250.00	-	-	10,000.00	247.52
NTC and ANTC SUB-TOTAL	260,000.00	6,500.00	131,672.00	3,259.21	128,328.00	3,176.44
ANNUAL TUNA DATA REVIEW						
Annual Tuna Statistics Review/Workshop	50,000.00	1,250.00	-	-	50,000.00	1,250.00
ANNUAL TUNA DATA REVIEW SUB-TOTAL	50,000.00	1,250.00	-	-	50,000.00	1,250.00
TOTAL	910,000.00	22,750.00	356,132.78	8,815.17	553,867.22	13,721.96

Notes:

* US\$ 1.00 = Php 48.67 (Exchange rate when the funds were received in 2007)

* US\$ 1.00 = Php 40.40 (Exchange rate when the funds were received in 2008)

Progress Report on Indonesia and Philippines Data Collection Project (IPDCP):

Bureau of Agricultural Statistics (BAS)

(July 23, 2008)

The Bureau of Agricultural Statistics (BAS) has mobilized the Technical Working Group (TWG) and Fisheries Statistics Task Force to strengthen the BAS Fisheries Data System.

Among the immediate concerns are:

a. On sampling frame/design

Development of an updated sampling frame and generation of new set of samples for commercial and municipal fisheries surveys are on-going.

b. On survey instruments

Updating of survey instruments - a separate form for every other day and quarterly fisheries surveys for Commercial Fishery and Marine Municipal Fishery were prepared. Updated manual of operations follow.

Volume of fish unloadings from the Philippine Fisheries Development (PFDA) and privately managed landing centers in Commercial Fisheries should reflect the catch of Philippine-flagged vessels and Foreign-flagged vessels as mentioned in the last Tuna Statistics Data review with Mr. Peter Williams. Proposed data collection form is in Attachment 1(*see below*).

The revised forms will be piloted in Region 3 (Central Luzon) provinces by October to December 2008.

c. On data processing

Upgrading of existing data processing systems.

d. Data review

Enhancing the data review system by updating the data validation procedures in consultation with point persons from the BAS Operations Centers and through trainings on data validation procedures.

e. Dissemination

Improvement of publication and statistical output tables.

VOLUME OF FISH UNLOADINGS AT GOVERNMENT AND PRIVATELY MANAGED
COMMERCIAL FISH LANDING CENTERS

MONTH: _____, 20____

1. REGION : _____
 2. PROVINCE : _____
 3. FISH PORT : _____

4. CLASSIFICATION OF BOAT (Check box)

a. Philippine-flagged vessels: Fishing Grounds

PORT CLASSIFICATION (Check box)

- PFDA
 LGU-MANAGED
 PRIVATE

b. Foreign-flagged vessels : Fishing Grounds

CONFIDENTIAL
 Strictly for Statistical
 purposes only

SPECIES	FISHING GEAR (Indicate gear name below)						TOTAL (Kg)	PRICE PER KILO (PESO)
	GEAR 1 (2)	GEAR 2 (3)	GEAR 3 (4)	GEAR 4 (5)	GEAR 5 (6)	GEAR 6 (7)		
1. Acetes (<i>Alamang</i>)								
2. Anchovies (<i>Dilis</i>)								
3. Big-eyed Scad (<i>Matang-baka</i>)								
4. Big eye Tuna (<i>Tambakol/Bariles/Buldog</i>)								
5. Blue crab (<i>Alimasag</i>)								
6. Caesio (<i>Dalagang-bukid</i>)								
7. Cavalla (<i>Talakitok</i>)								
8. Crevalle (<i>Salay-salay</i>)								
9. Eastern little tuna (<i>Bonito</i>)								
10. Fimbriated Sardines (<i>Tunsoy</i>)								
11. Flying fish (<i>Bolador</i>)								
12. Frigate Tuna (<i>Tulingan</i>)								
13. Goatfish (<i>Saramulyente</i>)								
14. Grouper (<i>Lapu-lapu</i>)								
15. Hairtail (<i>Espada</i>)								
16. Indian Mackerel (<i>Alumahan</i>)								
17. Indian Sardines (<i>Tamban</i>)								
18. Indo-Pacific Mackerel (<i>Hasa-hasa</i>)								
19. Mullet (<i>Kapak</i>)								
20. Parrot fish (<i>Loro</i>)								
21. Porgies (<i>Pargo</i>)								
22. Round herring (<i>Tulis</i>)								
23. Roundscad (<i>Galunggong</i>)								
24. Siganid (<i>Samaral</i>)								
25. Skipjack (<i>Gulyasan</i>)								
26. Slipmouth (<i>Saposap</i>)								
27. Snapper (<i>Maya-maya</i>)								
28. Spanish Mackerel (<i>Tanigue</i>)								
29. Squid (<i>Pusit</i>)								
30. Threadfin bream (<i>Bisugo</i>)								
31. Yellowfin Tuna (<i>Tambakol/Bariles</i>)								
Others (<i>Specify</i>)								
TOTAL								
Number of Boats by Gear								

Note: Use additional sheet if necessary

Prepared by:

POC STAFF SIGNATURE OVER PRINTED NAME

DATE

Reviewed by:

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DATE