

## Progress Report EP/GLO/201/GEF

Country: **Philippines**

Reporting period: **July 1, 2005 to December 31, 2005**

National Coordinator: **Dr. Jonathan O. Dickson**, Chief, Capture Fisheries Division  
Bureau of Fisheries and Aquatic Resources (BFAR).

### 1. List of the Meetings/Consultation/Demonstration held: (gives dates, places):

- Dialogue and consultation meetings were conducted with the Bureau of Fisheries and Aquatic Resources-Regional Field Unit Office, Local Government of Calbayog City and other stakeholders prior to the implementation of the JTED Pilot Project Launching, Seminar and experiments.
  - a. July 7 to 11, 2005 - Pilot Planning Workshop and Consultation, Calbayog City
  - b. September 1 to 5, 2005 - Launching of the JTED Pilot Project in Samar Sea, Calbayog City
  - c. Nov. 6 to 13, 2005 - Seminar and Orientation in the Implementation of the Pilot Project, Calbayog City.
  - d. December 14 to 21, 2005 - First Rapid Evaluation/Review of the Pilot Project, Calbayog City.

### Summarize the Main points from these meetings:

- Organised the working group to prepare the Pilot Project Implementation Plan which involved the City Government of Calbayog Office, Regional Fishery Office, Regional Fisheries Training Center, Office of Provincial Agriculture, Non-Government Organization, Fishing Boat Owners (Municipal and Commercial), Law Enforcer and Project Team.
- Presentation/consultation with Local Chief Executive and the stakeholders; finalized the Plan and approved by the local Chief Executive.
- Presentation and discussion of the outcome of the demonstration and experiments; orientation of various sectors on the Pilot Project implementation in Samar Sea.
- Launched the JTED Pilot Project and distribution of devices attended by the local officials, boat operators and fisherman.
- Conducted actual demonstration and workshop of rigging the device into their fish net.
- Distribution of the devices to participating trawl vessels which they will use in the project

- Hiring of the qualified fish enumerators for the project.
  - Seminar/Orientation was also conducted and attended by the Provincial Fishery Officers, Municipal Fishery Officers, Law Enforcers including Media (local television, radio and newspapers).
  - Demonstration in the actual operation using the juvenile and trashfish excluder device (JTED).
  - Dialogue with the participants regarding the activities undertaken during the implementation of the Pilot Project.
  - Rapid evaluation were conducted with the working group and presented the initial results and project revision to the local executive and boat owners.
2. Describe the progress of each activity [as listed in the prodoc section 4.5 General Workplan and Timetable]
- a. Problem identification concerning by-catch:
    - The high catch of juveniles composed of commercially important species that threatens the sustainability of resource which contributes to the production of about 20% is the main issue. These Bycatch were sold in the local area for fish meal and crab fattening and sometimes processed into dried fish and sold to local markets for consumption.
  - b. Development/adaptation of by-catch reduction technologies:
    - Three (3) variations of JTED were used: vertical sorting grid 1.0cm and 1.5 cm, and horizontal sorting grid 1.5 cm were used for the pilot project implementation in Samar Sea. Initial results indicated the efficiency of vertical sorting grid 1.0cm at 33% did not pass the threshold set in the pilot project to reduce the juveniles by 40%. It will be replaced by vertical sorting grid 1.2cm in succeeding operations. The vertical sorting grid 1.5cm and HSG 1.5cm were more effective with reduction of 68% and 51% respectively.
  - c. Field demonstration of new technologies:
    - One (1) year duration was planned for the implementation of the pilot project and experimentation in Samar Sea. The JTEDs have been adopted by participating vessels (only 18 are operational) and the pilot implementation is intended for one year

c. Introduction of appropriate BRD technology to shrimp-fishing fleets:

- Eighteen (18) operational commercial shrimp/fish trawls were using the different variations of juvenile and trashfish excluder devices.
- In general, it was observed that the relative proportion of juveniles and reject was lower and the catch rate was not necessary decreased when JTED was used. The proportion of commercially important juvenile fish and other reject was about 14% of the total catch (by weight) in September to November, 2005. The estimated reduction by JTED variation was 33% for VSG1.0cm, 68% for VSG1.5cm and 51% for HSG 1.5cm.

e. Dissemination, extension of results:

- During seminar/orientation, full coverage by local television (Fil Products Inc.), local radio network (Radio ng Bayan), newspapers and posters were used to promote the JTED project in the area.
- During the launching program and seminar/orientation the result of Training/Demonstration and Experiments were presented and discussed on the releasing efficiency of JTED on commercially important juveniles using the JTED.
- The progress and the results of pilot project on the various JTEDs designs were discussed and presented to the members of the working group, local executive and boat operators during the first rapid evaluation.
- City Mayor Mel Senen S. Sarmiento after the presentation of the initial remarked that if same progress (positive impact of JTEDs) can be observed in succeeding implementation, local ordinance or regulation in using the JTED in his jurisdiction can be formulated even preceding the termination of the JTED Pilot Project.
- Pilot Project is being revised to include control on the number of participating boats as scheme to control current fishing effort or rotational basis of the participating vessels.

f. Other Meetings, Workshops.

- Fishing Summit and the JTED Project in Calbayog City held in Conference Room, Handumanan Bldg., Calbayog City on Nov. 18, 2005 attended by the Hon. Reynaldo Uy (Congressman District 1, Samar), Local Executives of the Island Municipalities,

Law Enforcers, Commercial Fishing boat owners and the artisanal fisherman.

- Attended the National Coordinators Global Review Meeting last July 8 to 17, 2005, Manzanillo, Mexico. The review was attended by the coordinators of every participating country in the implementation of the GEF Project.

3. Describe briefly any workshops, training, or demonstration activities undertaken. Indicate location, and number of participants and days.

1. Launching of the JTED Pilot Project in Samar Sea was conducted at premises of the City Agriculture Office, Calbayog City attended by the 45 participants from the commercial boat owners and fishermen based in Calbayog City. The five (5) days seminar/orientation and launching covered the following:

- 1 day seminar, 2 days practical workshop, 1 day actual fishing demonstration/trials and 1 day forum regarding the used of the device and the project.

2. Seminar and Orientation in the Implementation of the Pilot Project, held in Conference Room, Handumanan Bldg., Calbayog City and it was attended by 30 participants from local fishery offices, law enforcers (Navy, Maritime/Local Police, Deputized Fishery Law Enforcer Volunteers (Bantay Dagat)) and representatives from the local media (TV, radio, newspaper).

- The 4-day seminar/orientation included opening program and seminar (2 days), 1 day operation and onboard observation and 1 public forum/discussion and closing program. About 100 persons attended the public forum on the last day

3. First Rapid Evaluation of the Pilot Project was attended by the members of the JTED working group, Mayor Sarmiento and the commercial boat owners.

- The schedule of activities were: 4-days technical review of the working group (including revision of the implementation plan) and 4 days presentation/consultation/forum with local executive and boat owners.

- A public consultation is being organized to present the revised JTED Pilot Project as a result of the initial review and inputs from preceding consultation and meetings

4. Describe the progress of each national project activity [as scheduled under the LOA with FAO].

The above activities were executed with special/particular arrangements at FAO-PhL outside of the draft LOA which were considered advantageous to facilitate the implementation of the project. Incoming activities are all set according to the revised schedule and plan.

5. Give other general comments on the current status of the shrimp-trawling industry.

The shrimp trawl fishery in Calbayog and other parts of the country has been a persisting issue because their operations are affected by existing national and local policies. Shrimp trawling and other active fishing gears are banned within the 15-km distance from the shoreline. In Calbayog City, an innovative scheme was devised by the local executive taking into consideration the concerns and welfare of local fishers and the local populace as a whole. The commercial trawlers were allowed within 8.1 kms and beyond. The scheme is nationally recognized as a component of the coastal management plan of the city. This agreement was in consultation and agreed by the commercial, small fisherman and NGOs of Calbayog City which enforcement of law is active in 15 kms.

Technical interventions like JTED is already recognized as an important instrument in the introduction of new management framework/policy.

6. List (for this reporting period) the financial inputs (in-kind)

by **government**:

Professional staff (m/m):

- a. Salaries (1 US\$ = 55.00)

Eleven (11) professional staff; 74 m/m

1 Chief Fishing Technologist (6 m/m)	-	P150,000.00
1 Regional Director (3 m/m)	-	78,000.00
3 Sr.FTechnologists/Researchers(15 m/m)-		315,000.00
2 FTechnologists II (12 m/m)	-	192,000.00
1 FTechnologist I (6 m/m)	-	66,000.00
1 Regional Technical Staff (4 m/m)	-	60,000.00
1 Masterfisherman (2 m/m)	-	20,000.00
1 Draftsman/clerk (6 m/m)	-	54,000.00

Support staff (m/m/):

2 Drivers (6 m/m)	-	45,000.00
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b. Travel expenses:

-Travel cost & allowance of		
Local staff		200,000.00
-Supplies, gasoline, etc		100,000.00
-Other		30,000.00
	<b>TOTAL</b>	<b>PhP 1,310,000.00</b>

**by industry:**

Professional staff (m/m):	2 m/m	75,000.00
Support staff (m/m/):	4 m/m	66,000.00
Travel expenses:		
Operating expenses:		100,000.00
Equipment:		
etc.		
	<b>TOTAL</b>	<b>PhP 241,000.00</b>

7. Estimation of by-catch reduction: (for the reporting period)

Number of shrimp/fish trawlers: **19 Shrimp Trawlers & 11 Fish Trawls**  
 Number of shrimp-trawlers currently using BRDs: **18 trawlers**  
 [expand by major-type of shrimp-trawler (e.g. by size class GT, if possible)] - Attach list

8. List of purchased equipments.

Equipment	Type/Model	Price (US\$)	Qty	Location
None				