

Promoting leadership for
sustainable coastal
resource management

The Coastal Resource Management Project

Philippines

1997 ANNUAL REPORT

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LIST OF ABBREVIATIONS AND ACRONYMS

AED	Academy for Education Development
AO	Assisting Organizations
BFAR	Bureau of Fisheries and Aquatic Resources
BOC	U.S. Bureau of Census
BOREMADEV	Bohol Resources Management and Development Foundation, Inc.
CENRO	Community Environment and Natural Resources Officer
CEP	Coastal Environment Program
CMV	Center for Marine Conservation
COP	Chief of Party
CRLC	Coastal Resource Leadership Challenge
CRMB	Coastal Resource Management Board
CRMP	Coastal Resource Management Project
CVRP	Central Visayas Regional Project
DA	Department of Agriculture
DENR	Department of Environment and Natural Resources
DILG	Department of Interior and Local Government
ENRAP	Environment and Natural Resources Accounting Project
ENTCA	Enterprise Development Core Advisor
EO	Executive Order
EPA	U.S. Environmental Protection Agency
FARMC	Fisheries and Aquatic Resources Management Council
FASPO	Foreign Assisted and Special Projects Office, DENR
FLA	Fishpond Lease Agreement
FSP	Fisheries Sector Program
GEM	Growth and Equity in Mindanao Project
GIS	Geographic Information System
GNP	Gross National Product
GOLD	Governance and Local Democracy Project
GOP	Government of the Philippines
GreenCOM	Environmental Education and Communication Project

ICLARM	International Center for Living Aquatic Resources Management
IEC	Information, Education, and Communication
IEMP	Industrial Environmental Management Project
ILI	International Law Institute
IUCN	International Union for Conservation of Nature
KAKAO	Kalihukan Alang sa Kalambo-an para sa Olango
LAC	Learning Area Coordinator
LGC	Local Government Code
LGU	Local Government Unit
LOP	Life of Project
MGP	Mindanao Growth Plan
MMC	Mangrove Management Component
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MSA	Mangrove Stewardship Agreement
MSY	Maximum Sustainable Yield
NAMRIA	National Mapping and Resource Information Agency
NEDA	National Economic Development Authority
NGA	National Government Agency
NGO	Non Government Organization
NIPAS	National Integrated Protected Area System
NRMP	Natural Resources Management Project
PAMB	Protected Area Management Board
PBSP	Philippine Business for Social Progress
PCG	Philippine Coast Guard
PCMARD	Philippine Council for Marine and Aquatic Resource Development
PCSD	Palawan Council for Sustainable Development
PENRO	Provincial Environment and Natural Resources Office
PNP	Philippine National Police
PO	People's Organization
POLCA	Policy Core Advisor
PRCA	Participatory Coastal Resource Assessment
R&D	Research and Development

RGC	Regional Agri-Industrial Growth Center
RMD	Resource Management Division
RP	Results Package
SBMIRCFI	Sarangani Bay Marine and Inland Resource Conservation Foundation, Inc.
SEP-SVP	Strategic Environmental Plan - San Vicente, Palawan
SO	Strategic Objective
SOCSARGEN	South Cotabato, Sarangani, General Santos
SOW	Scope of Work
SWG	Special Working Group
TA	Technical Assistance
Tetra Tech	Tetra Tech EM Inc.
TWG	Technical Working Group
TOR	Terms of Reference
URI CRC	University of Rhode Island's Coastal Resources Center
USAID	United States Agency for International Development
USCG	U.S. Coast Guard
USDA	U.S. Department of Agriculture

EXECUTIVE SUMMARY

Progress Toward Strategic Objective

CRMP's Performance Monitoring System measures progress toward the strategic objective of "2,000 km of shoreline managed for sustainable resource use by the year 2000." The strategic objective is calculated as an index where the unit of measure is *kilometers of shoreline equivalent*. The strategic objective index is calculated as the sum of national and local indices. The national index is composed of indicators, milestones, and targets to achieve a national coastal resource management (CRM) threshold. The national index, however, is not related, on a one to one basis, with a geographic measure of kilometers of shoreline. The local index is composed of indicators, milestones, and targets to achieve a local CRM threshold, and has a close equivalent to actual kilometers of shoreline where CRM is underway and moving toward varying degrees of management. The Performance Monitoring System is fully operational and is being monitored and evaluated to identify areas for refinement.

Overall progress toward the strategic objective is slightly exceeding the 1997 target as measured by *kilometers of shoreline equivalent*. A summary of the progress toward the strategic objective and national and local CRM thresholds is provided below.

Summary Of Progress Toward Strategic Objective

1997	Target Shoreline Equivalent (km)	Actual Shoreline Equivalent (km)
Strategic Objective	968	996
National CRM Threshold	458	460
Local CRM Threshold	510	536

Progress Toward National Coastal Resource Management Threshold

At the national CRM threshold, the index for the length of shoreline equivalent contributing to the strategic objective is 460 km. Key areas of accomplishment accounting for progress at the national level in 1997 include:

- Endorsement of the *Legal and Jurisdictional Guidebook for Coastal Resource Management in the Philippines* by the Secretaries of the Department of Environment and Natural Resources, Department of Interior and Local Government, and Department of Agriculture
- National launching at the annual convention of the League of Municipalities of the Philippines, information campaign, and distribution of over 1,500 copies of the completed *Legal and Jurisdictional Guidebook for Coastal Resource Management in the Philippines* to local government agencies, national government agencies, nongovernment organizations, and academe

- Ongoing development of key information, education, and communication materials on status of coastal resources and coastal resource management including:
 - Launching of exhibit on coastal resource management in
 - Brochures on the value and status of coral reefs and mangroves
 - Manual on participatory coastal resource assessment
 - 3rd Edition of CRMP's publication, Tambuli
 - Training modules and aides for the Integrated Coastal Management Training, Participatory Coastal Resource Assessment Training, and Community Organization Training

- Planning and development of a national campaign for the International Year of the Ocean including:
 - Development of the CRMP website <http://www.oneocean.org>
 - Preparation and pre-testing of "Blue Tapestry" guidelines for community mobilization project in collaboration with the Girl Scouts of the Philippines
 - Development and planning of travelling exhibit on the ocean and coastal resource management to be opened in Cebu in February

- Development of annotated outline of the Mangrove Management "Toolkit" by Mangrove Management Component team

- Identification of 1,148 hectares of mangrove areas in Bohol for community-based Mangrove Stewardship Agreements through field activities of Mangrove Management Component team

- Identification of the Enterprise Development Component team of a long list of potential enterprises, development of a short list of the most viable enterprises, and conduct technical assessments, feasibility studies, and field validation studies for selected enterprises on short list, which considers the most viable and environmentally-friendly enterprises for Olango Island and Malalag and Sarangani Bays

- Ongoing development and enhancement of partnerships and multisectoral collaboration in CRM with private sector, government agencies, and donors has resulted in:
 - A network of companies, credit and banking facilities, nongovernment organizations, and national government agencies initiated to focus national and local attention toward enhancing economic development in coastal communities
 - Memorandum of Agreement with the UNESCO-supported National Committee on Marine Sciences for CRMP to serve as the official implementing arm of the International Year of the Ocean

- Agreement between CRMP and the Asian Development Bank funded Fisheries Resource Management Project, to be formalized with a Memorandum of Agreement, for substantive collaboration on key components of each project
- Private sector commitment from Universal Aboitiz, Herma Shipping Company, VIP Priviledge Card, and Banco Filipino to incorporate the “I Love the Ocean” theme in their corporate advertising campaigns and programs for the International Year of the Ocean

Progress Toward Local Coastal Resource Management Threshold

At the local CRM threshold, the index for the length of shoreline equivalent contributing to the strategic objective is 536 km. Key areas of accomplishment accounting for progress at the local level in 1997 cover various parts of the CRM process of planning, implementation, and monitoring, and include:

- Signing of Memorandum of Agreements with 13 expansion areas in Sultan Kudarat, Bohol, Negros Oriental, Davao del Sur, and Batangas
- Ongoing development of coastal area profiles in all learning areas
- Active participation by coastal communities in Participatory Coastal Resource Assessment training and implementation in all learning areas and expansion areas
- Organization of Fishery and Aquatic Resource Management Councils in over 50 percent of barangays in all learning areas
- Local government units’ ability to sustain allocation of budget and resources to coastal resource management activities
- Initiation of multi-municipal planning groups for coastal resource management in all learning areas
- With technical assistance from CRMP, development of unified Fishery Ordinance for Davao del Sur and Bohol Environment Code that provides a unified framework for local implementation of coastal resource management
- Increased pool of trained graduates (395 graduates) active in coastal resource management in learning areas and expansion areas
- Strengthened coastal law enforcement through ordinances preparation, bantay dagat deputation, allocation of resources and funding by LGUs, and increased number of apprehensions in 50 percent of learning area municipalities
- Formation of bantay dagat federation in all nine learning area municipalities in Negros Oriental

1.0 INTRODUCTION

Tetra Tech EM Inc. (Tetra Tech) received United States Agency for International Development (USAID) Contract No. 492-0444-C-00-6028-00, Coastal Resource Management Project (CRMP) on March 21, 1996, to provide technical assistance to the Government of the Philippines (GOP) in coastal resource management. This Annual 1997 Progress Report summarizes the project's activities conducted from April 1, 1997 through September 30, 1997 and includes the quarterly report for the 4th Quarter 1997. All progress is reported based on the targets identified in the 18-Month Work Plan and the Performance Monitoring System.

The report is divided into four main sections focused on technical assistance (Section 2.0), project management (Section 3.0), performance monitoring and impact (Section 4.0) and sustainability (Section 5.0). Appendices provide summaries of 18-month Work Plan accomplishments (Appendix A); performance monitoring system (Appendix B); history of coordination and collaboration activities (Appendix C); and expenditures (Appendix D, USAID only).

2.0 TECHNICAL ASSISTANCE

CRMP provides technical assistance in coastal resource management at both national and local levels. Technical assistance at the national implementation level includes those activities with project-wide impact. Technical assistance at the local implementation level includes those activities with area-specific impact conducted at both regional and local government unit levels and directly with coastal communities.

2.1 NATIONAL IMPLEMENTATION

National implementation activities cover policy; information, education, and communication (IEC); training; mangrove management; fisheries management; and enterprise development. A summary of the 18-Month Work Plan accomplishments through the 4th Quarter 1997 covering national implementation activities is provided in Appendix A. Descriptions of accomplishments for this reporting period are provided below.

2.1.1 Policy

The Policy Component of CRMP focuses on jurisdictional and operational technical assistance for implementation of coastal resource management at the local government unit level.

2.1.1.1 Work Plan Accomplishments

A major accomplishment of the Policy Component this reporting period was the completion, launching, and distribution of the *Legal and Jurisdictional Guidebook for Coastal Resource Management in the Philippines*. CRMP is encouraged by the overall positive feedback from all sectors on the usefulness and need for this guidebook. The

guidebook was launched at the national convention of the League of Municipalities of the Philippines (LMP) during which CRMP distributed over 700 guidebooks to local government executives, prepared a major exhibit on coastal resource management, and held a CRM clinic where CRMP's technical staff were available to meet with and assist local government executives identify problems and potential solutions. Concurrently, working with the LMP, CRMP assisted in the design and launching of a "Search for Best CRM Programs."

Also during this past year, the Policy Component researched, reviewed, and presented a summary of laws and legal information on mangrove rehabilitation, restoration, and management. During a Mangrove Management Leveling Workshop with key mangrove experts in DENR, CRMP solicited comments on all aspects of its Mangrove Management Component and other projects, including strategy, policy direction, and work plan.

The proposed outline and plan for developing the next set of guidance documents, *Operational Guidelines for Coastal Resource Management in the Philippines*, was discussed in detail with the CRMP team. Technical leads for each guideline were identified.

2.1.1.2 Activities Not Accomplished and Why

Two main tasks were not completed as of the 4th Quarter 1997: (1) completion of the resource valuation booklet and (2) Coastal Resource Leadership Challenge (CRLC) on coastal law enforcement. The resource valuation booklet was not completed as scheduled because it was realized that the work desired could not have been accomplished by the student intern hired for this purpose. Although much information on resource valuation has been obtained, the output needs to be put into the context of our overall integrated coastal management objectives and targeted for LGUs and other local partners. An outline has been developed by the Policy Advisor and CRM Coordinator, and a draft report is being prepared with submitted reports from both interns. A complete draft of the resource valuation booklet is expected to be completed by January 1998, and a module on resource valuation is being planned for inclusion in the Integrated Coastal Management (ICM) training course.

The CRLC on coastal law enforcement was not pursued as of the 4th Quarter 1997 for two reasons. First, a collaboration between Silliman's Legal Environmental Advocacy and Policy (LEAP) and CRMP for the undertaking is in the process of being defined. Second, a shift in strategy was implemented. The initial plan was to conduct a high level national activity that will identify loopholes in implementation and jurisdiction for coastal law enforcement. However, CRMP and LEAP agreed that a series of local level activities be held initially to gather more information on the intricacies of enforcement, interpretation of law, and jurisdiction. LEAP has encountered an interesting body of information pertaining to citizenry-led coastal law enforcement initiatives. Documenting these real-life, local implementation situations in coastal law enforcement can then serve as inputs to the national technical working group and a basis for the CRLC. This follows the same approach used in the development of the *Legal and Jurisdictional Guidebook for Coastal Resource Management in the Philippines*, which made use of questions gathered through the CRM Hotline to serve as a local grounding of the priorities and focus of the guidebook.

A proposal was developed and submitted to CRMP by LEAP to spearhead this activity in CRMP's learning areas.

The Policy Component has also been involved in unplanned activities including assistance to the Palawan Learning Area; attendance to the IMO workshop, at which CRMP presented a paper that deals with new strategies for ICM; and drafting a Presidential Proclamation relevant to the International Year of the Ocean (IYO).

2.1.1.3 Issues and Lessons Learned

Responses from local government units (LGU) for the *Search for Best Coastal Resource Management Programs* has been slow, and CRMP in collaboration with the LMP has decided to extend the deadline for submission of nominations. One of the main reasons for the slow turnout is the upcoming elections, which makes it difficult for local government executives to focus on this program.

2.1.2 Information, Education, and Communication

CRMP employs a transformational communication framework that focuses on normative instead of behavioral change. This normative approach suggests three substantive areas of focus: environmental literacy, environmental ethics, and environmental advocacy. These three areas or elements reinforce one another and as envisioned, would lead to sustained and consistent changes in people's social norms and consequently in environmental behavior, thereby helping trigger large-scale social transformation in all levels of society. It is the primary thesis of the framework that the elements of environmental literacy, environmental ethics and environmental action and advocacy must be arrived at by a critical mass (10 - 30 percent) of the population if any sustained social change is to occur.

The framework supports the view that these elements taken together are critical to the maintenance of a collective consciousness or social order. Consciousness is here defined as the summation of ideas, concepts, and theories prevailing in a given society at a definite historical stage, all of which justify and reinforce the way a particular society is organized to maintain itself. The prevailing consciousness that is nurtured by social and political institutions is one which will contribute to the maintenance of the existing order and /or social norms.

As such, environmental communication and education interventions should be done at all levels: individual, community, and national. It should also involve as many sectors as possible: the Church, business and industry; schools; law enforcement agencies and the military; the media, local government units, non-government organizations and people's organizations; women and youth. It should focus on institutional (network) development and capacity building to achieve sustainability and should be process-oriented and synergy-driven.

IEC activities this quarter, as in the past, illustrate the coming together of this transformational communication strategy of CRMP and highlighted the facilitating and catalytic role played by the project.

2.1.2.1 Work Plan Accomplishments

Following are the primary activities undertaken during the quarter:

A. Development, production, and dissemination of IEC materials on CRM

1. *Participatory Coastal Resource Assessment (PCRA) and CRMP Briefing Kit in Cebuano*. Briefing materials on PCRA and CRMP were translated into Cebuano. Produced as overhead transparencies and distributed to learning area coordinators during the December quarterly meeting, these Cebuano briefing materials will serve as useful tools at the barangay level for training, workshops, and other communication and education activities. These same set of Cebuano materials are also being produced in flipchart form.
2. *“Sigaw ng Karagatan” a 7-minute video documentary on the state of coastal resources in the Philippines*. Adapted and re-edited from the *AgriSiyete* video series on CRM, this 7-minute video documentary was presented at the National Convention of the League of Municipalities in Manila last October 9, 1997 to a vast audience of mayors and high level politicians. Produced in Filipino, this video documentary has done the rounds of some schools as well as special audiences including the Peace Corps, the Federation of Parent Teachers Association of Catholic Schools, Sugbuanon Study Center, and other organizations.
3. *Karaniwang Tao MTV*. A 3-minute musical video based on the song “Karaniwang Tao (Ordinary Citizen) by one of the Philippines’ environmental artists, Joey Ayala. The MTV features CRM relevant video clips, whose primary message is to highlight the role and impact of ordinary human activities upon the country’s natural resources. Initially developed for showing at the LMP National Convention in October 9, 1997, the MTV will have multiple uses as workshop ice-breakers and as takeoff points of discussions in ICM training activities both at national and local levels.
4. *“I love the Ocean” labels*. Initially produced and distributed at the LMP National Convention, the “I love the Ocean” labels is now considered as the CRMP’s own rallying cry for the celebration of the International Year of the Ocean. The sticker uses the shape of the heart to take the place of “love,” and the heart is done in blue. A pair of flying fish hover above the word “ocean”. As one national columnist observed “... simple as the message is, it is a nice way of making a statement of our beleaguered marine environment. Anyone who truly loves the ocean would be expected to express that love in practical ways...” (See attached press clipping).
5. *Lost Reefs: Turn back the Tide leaflet*. A 1-color, 1-page leaflet targeted for mass dissemination at dive shops, resorts and aqua-based recreational centers as well as during social mobilization activities and special events. The leaflet

produced in inexpensive craft paper presents the sad state of Philippine coral reefs and carries specific recommendations on the need for individual and collective action to rehabilitate and restore these.

6. *Conceptualization and development of initial episodes of the radio drama series "Kapitan Barungoy."* Undertaken in partnership with the Coastal Environment Program (CEP) of DENR - Region 7, and Radio Station DYSS of the GMA Radio-TV Network, the radio series begins airing in February, 1998. Geographical audience reach of the radio drama series include Region 7 (Cebu, Bohol, Siquijor), Negros Oriental, Southern Leyte, Western and Northern Mindanao, Western Samar, Camiguin, Davao, Zamboanga, and General Santos City.

The competitive edge of "*Kapitan Barungoy*" over other radio dramas is its concept of presenting CRM and sustainable development messages from the perspective of ecosystems themselves and the wide range of elements that comprise these. Imagine sea anemones and sea shells singing, crustaceans dishing out short philosophical sayings, fishes quarreling over who are "up the social scale ladder," squids, octopus, and shellfish discussing impacts of human activities on their habitats and reproductive capacities, and the like. Corollary to these marine characters are the human characters themselves with the usual love conflicts, good vs. evil themes and the celebration and triumph of humane and environmental values. Print materials will likewise be developed and produced to support the learning gains and instructional objectives of the radio drama series.

7. *Information materials on "The Blue Tapestry: A Community Arts Project Celebrating the Philippine Centennial and the International Year of the Ocean."* In partnership with the Girls Scouts of the Philippines, the Blue Tapestry is envisioned to be a community mobilization activity designed to bring together the women in coastal communities and their families to work together in the making of an end-to-end tapestry or quilt that could serve as a symbol of the diversity of the Philippine coasts and the unity and cooperative spirit required to protect this diversity. These information materials consisting primarily of guidelines and examples of how to get communities together is being used for the recruitment of Girls Scout chapters in the country's coastal communities to participate in the project.
8. "I love the Ocean" membership card and "I love the Ocean" creed. A specific objective of CRMP is to promote CRM issues and concerns in the Philippine social agenda and to foster a process that will lead to an environmental and CRM movement in the Philippines. Translated into a rallying theme — "I love the Ocean," initiatives were undertaken to realize this movement by means of social marketing activities that would generate public and community mobilization and advocacy on CRM issues. Among the initial information materials developed were the design of "I love the Ocean" membership card and the formulation of an "I love the Ocean" Creed. The creed is also printed at the back of the card.

9. The following materials were under various stages of planning and development during the quarter:

- a. Participatory Coastal Resource Assessment (PCRA) Manual
- b. Seven-part instructional video series on Marine Sanctuaries in partnership with Silliman University and the Technology and Livelihood Resource Center's AgriSiyete TV program
- c. Instructional video series with ABS-CBN's Sine'eskwela, an educational television program for children
- d. Bilingual posters and brochures on mangroves
- e. Learning Guide on CRM in Cebuano
- f. PCRA / CRMP Flip charts in Cebuano
- g. "I love the Ocean" information materials (leaflets, posters)

10. *Dissemination of AgriSiyete video tapes on Coastal Resource Management/ Gawad Florendo Award received as "Best Development Information Tool in the television/ video category."* Requests for copies of the AgriSiyete instructional video tape series on Coastal Resource Management continues to be received. In addition to the Peace Corps Volunteers, local government units and NGOs in coastal municipalities have requested and received copies. In November, the video received the 1997 Gawad Florendo Award for "Best Development Information Tool" in the television/video category. The awards are granted annually by the Public Relations Organization of the Philippines and the Philippine Information Agency.

B. Fine tuning of CRMP's transformational communication framework. Planning and strategy meetings were held among the IEC team specialists and CRMP core advisors on November 6 and 7 and with the IEC specialists and Learning Area Coordinators on December 15 and 16. The primary objectives of these meetings were (1) to fine tune as well as validate the transformational communication framework which was formulated and envisioned in the earlier months of the project; and (2) to formulate an IEC work plan for 1998.

A major output of these planning and strategy meetings were the discussions and subsequent adoption of the framework and as well as articulation of the overall goal and objectives of transformational communication activities, products, and projects. The meetings also translated into specific concepts, values and action plans the three elements of environmental literacy, environmental ethics, and environmental action and advocacy in coastal resource management. (See attached summary report).

An article on *Transformational Communication: A Normative Approach to Environmental IEC* was written and submitted for publication to the project's Tambuli Newsletter. The article sought to put in perspective the need for the IEC Component to assume a holistic as well as normative approach and should aim not just for concrete behavioral targets but for the initiation of social processes that

would in turn assume their own momentum. The framework were likewise presented to two other groups for reactions and comments among which were the Peace Corps volunteers and staff at the Peace Corps Orientation Training Workshop in November 23, 1997 in Silang, Cavite and also at the national workshop for Philippine Information Program Managers in Cebu City on December 9, 1997. The framework was also presented at the project's 4th quarter meeting attended by all CRMP staff and institutional partners.

- C. **Targeting of Influential Groups to Generate Support for CRM and the International Year of the Ocean.** Although the intention of transformational communication is to be as inclusive as possible, logistical limitations dictate that environmental communication target specific key players and initiate social processes that would lead to the greatest impact at the shortest amount of time. In this regard, cultivation of partnerships with the private sector, youth groups as well as educational institutions continues.

Joint information and education activities were undertaken with Universal Aboitiz, Inc., which agreed to short-term airing of the CRM video series in addition to assuming costs for the newspaper advertisements on the International Coastal Cleanup. Universal Aboitiz also hosted an exhibit on CRMP at its SuperCat Ferry Terminal from December 15, 1997 to January 30, 1998. The exhibit, which was initially developed and set up for the LMP National Convention was adapted to suit the particular site requirements of the ferry terminal. An added feature to the exhibit was the use of the Ms. Sharon Cuneta's poster to carry the "blue heart" symbol of the "I love the Ocean" movement. The First Lady of Cebu City, Mrs. Ninette Garcia, General Manager of Universal Aboitiz, Inc., and the CRMP Chief of Party led the exhibit's inauguration.

Herma Shipping Corporation, on the other hand adopted CRMP's proposal to use the "I love the Ocean" theme as the company's Christmas corporate giveaways. These giveaways, which included wall calendars, desk calendars, Christmas cards, T-Shirts, and mugs all carried "I love the ocean" visuals and logo.

Two additional partnerships with the business sector were concretized this quarter – SM City, Cebu (the biggest shopping mall in the province) and Banco Filipino, (a banking institution). SM-Cebu agreed to provide CRMP free exhibit space for 2 weeks (February 15 - 28) as well as the use of its Entertainment Plaza for the launching of the "I love the Ocean" Movement in Cebu City on February 15, 1998. The launching, which will be characterized by a wide range of public education and community mobilization activities will be a multi-sectoral undertaking with the governments of Cebu City, Mandaue City, and Lapu-Lapu City, line agencies, business groups, schools, and NGOs. Planning is now underway for visual and interactive exhibits at the SM Mall.

Banco Filipino on the other hand is sponsoring an On-the-Spot Painting Contest for Cebu-based elementary schools on February 14, 1998. CRMP was able to encourage Banco Filipino to sponsor this contest for their Happy Savers' members

with cash and in kind prizes to the winners. The contest will be administered through the respective schools who will nominate their top three representatives to participate. Negotiations are being made to have the participants ride the Subsea Poseidon (a glass-sided sightseeing boat) for participants to see for themselves the underwater life and healthy as well as degraded marine ecosystems. After this exposure trip, the children can then paint the underwater world they just saw.

- D. **Conceptualization and planning for the launching of the “I love the Ocean” movement, which includes the setting up of a highly visual exhibit on “Our Seas, Our Life”, launching of the movement’s signature song, “Ang Dagat ay Buhay” (The Sea is Life), and a membership drive.** CRMP’s transformational communication strategy emphasizes the importance of environmental action and advocacy in sustaining social change and reinforcing social norms. In this regard, social and community mobilization interventions are critical to the transformational communication process.

The “I love the ocean” movement is envisioned to be a community mobilization vehicle for the general public to be involved in caring for the resources of the country’s seas and coasts. As conceptualized, the movement will initiate the process of organized action and advocacy on the part of the general public thereby mainstreaming coastal resource issues in the national social agenda. Using the blue heart as a symbol, the movement seeks to generate a wide base of membership through partnerships with schools, professional and civic groups, environmental groups, business groups, and concerned individuals. The movement will provide organizations (public as well as private) and ordinary folk alike the opportunity to individually express their concern about ocean issues and collectively do something to help save our seas. It involves a membership campaign as well as public education and community mobilization activities designed to increase public awareness of Philippine marine and coastal conservation issues, and instill pride in the country’s natural resources and the ongoing efforts to protect these resources.

A unique feature of the “I love the Ocean” movement is the use of membership cards and adherence to the “I love the Ocean” movement creed to express commitment to the ocean’s cause. Partnership with a local discount card facility, the VIP Privilege Card, was likewise negotiated to provide the card an added economic value that entitles members to special discounts from over 100 accredited establishments and service institutions in Cebu. The movement will be launched in Cebu City on February 15, 1998 at SM City

Public attention and awareness is also being sought through the use of commercial music and song. CRMP commissioned the composition of a song “Ang Dagat ay Buhay” (“The sea is Life” by highly popular and commercially successful songwriter and musical arranger, Vehnee Saturno which will be sung by upcoming child artist, Cris Villonco. The song, which will have a 1-minute radio jingle version and an instrumental musical arrangement will likewise be launched at the February 15 “I love the Ocean” movement activity.

Planning for a highly visual and educational exhibit to help launch the "I love the Ocean" movement in February likewise put on steam during the last part of the quarter. The primary goal of this exhibit is to instill in viewers an appreciation of the life supporting role played by the ocean and its ecosystems. Support from the private schools, universities and colleges as well as the Department of Education, Culture and Sports are being solicited to make the exhibit site, a special field trip activity for students.

- E. **Development of CRMP Marketing Plan and conduct of marketing activities.** A communication approach that intensified this quarter was the use of social marketing techniques to help put CRM in the Philippine national social agenda. A draft marketing plan was presented for discussions and validation at the two IEC strategy and planning meetings. The draft plan's recommendations included among others (1) a program for publicity and press relations; (2) an advertising program; (3) a promotions program for general public awareness; and (4) a special events program. Overall, it was recommended that the observance of the International Year of the Ocean serve as a window of opportunity to enhance public awareness and participation. Along this line, publicity, national, and local media relations will serve as the anchor and baseline of these marketing strategies.

Two large scale exhibits were put up during the quarter. On October 8 and 9, 1997, at the LMP National Convention, CRMP set up a highly visual and educational exhibit on coastal resource management which drew considerable attention from the national and local leadership. Over a thousand national and local level officials attended the convention including President Ramos, some members of the cabinet, members of the Philippine Senate and House of Representatives, and the country's presidential candidates in addition to the municipal and city mayor delegates.

The participation of CRMP at the LMP convention provided the project positive exposure among the national and local leadership, which included in addition to the exhibit, the launching of the *Legal and Jurisdictional Guidebook on Coastal Resource Management in the Philippines* and the Search for Best Coastal Resource Management Program Awards. The guidebook was formally presented to President Ramos and the LMP by USAID, DENR, DA-BFAR, DILG, and CRMP representatives. The President also stopped by the exhibit to exchange a few words and for photo opportunity sessions with CRMP staff. At CRMP's request, the President also endorsed in writing the "I love the Ocean" movement.

To generate more mileage from the LMP exhibit, CRMP accepted the invitation of Universal Aboitiz, Inc. to set up this same exhibit (with some slight modifications) at its SuperCat Terminal in Cebu City in time for the Christmas season, when passenger volume is at its highest. As mentioned earlier, the exhibit provided occasion for Aboitiz to publicly declare its commitment to support the cause of CRMP and to take leadership in the private sector to promote the objectives of the project. The exhibit was held from December 16, 1997 to January 30, 1998.

F. **Development and Production of CRMP Website.** CRMP's website at <http://www.oneocean.org> is almost complete and will be ready for its official launching on January 26, 1998. The site incorporates pages for CRMP, the International Year of the Ocean, and "Over Seas," the on-line magazine for coastal resource management. It also features a 'Call to Action' page, a Discussion Board, downloadable files (including, in the future, video and audio materials), on-line exhibits, and links to other ocean sites, in both text and graphic versions. For visual appeal, the main highlights are the site's main page and "Reflections," an on-line art and culture gallery featuring photos, poems, video clips, books, about the ocean; these pages make full use of the Internet's multimedia capability. The major attraction, of course, is the information that *oneocean* offers about coastal resource management in the Philippines in particular and about ocean issues in general. Our goal is to update the site, especially the Over Seas pages, as often as possible so that Net users will have a reliable up-to-date source of information on coastal resource management efforts in the Philippines. The site is designed to appeal to a wide audience but it is especially targeted at media practitioners (who we hope will spread the word about our oceans), policymakers, business, and all others who can make a difference in the worldwide effort to promote the sustainability of our seas.

2.1.2.2 Activities Not Accomplished and Why

Completion of the Cebuano version of the PCRA flipcharts and PCRA manual were delayed because of the work load associated with planning and implementing activities of the International Year of the Ocean.

2.1.2.3 Issues and Lessons Learned

The IEC Component of the project is pursuing the use of the business sector and mass media institutions as strategic vehicles to help promote the CRM cause in the Philippine national agenda. It is envisioned that with the addition of these two sectors as strategic allies, coupled with the coastal communities, local government and education sectors that are directly being addressed by the project, the chances of being able to reach out to a critical mass of the population may be realized. At this point in time, what is called for is the "marketing" of CRM to the business sector and mass media. Based on experience and especially so with the country's economic downturn, very few corporations in the Philippines have altruistic objectives regarding the environment. While they may have programs for the social sector, the Philippine corporations still have some ways to go regarding funding environmentally directed social responsibility projects. CRMP observed that the fastest way to gain entry to the business sector was via the marketing door. While corporations may have smaller budgets for social responsibility type projects, they may have a more sizeable budget for marketing projects. An initial strategy taken by CRMP in this regard is to initiate activities that the business sector would see as carrying marketing benefits such as exhibits, concerts, celebrity events, and the like. These activities will primarily promote CRM messages, but also allows business corporations to acquire at the same time some public visibility at the same time. This strategy is deemed important because businesses need first to be convinced that while the objective of promoting environmental causes are laudable, they really go by the bottom line -- what is

it in for them, such as public visibility for their products/companies). Realities dictate that at this point in time, business sector participation will have to be via sponsorships in CRMP-initiated special events and promotional activities carrying CRM messages. Asking corporations directly to support CRM initiatives per se (such as funds for a Marine Sanctuary, etc.) may have limited success (although the project is still trying to tap corporations with environmental support track records).

In the context of mass media's social agenda setting function, the project is "hyping-up" CRM activities and stories in mass media to raise public visibility of the project and to help "mainstream" CRM issues and concerns. Again, through the assistance of the business sector, the project seeks to develop special supplements in the national and local newspapers, radio projects, and special television projects. Plans for such mass media oriented projects are being planned for the succeeding quarters.

2.1.3 Mangrove Management

The overall task of the Mangrove Management Component (MMC) is to place 13,000 hectares of mangroves under community management. The approach the MMC has taken is to facilitate communities in the development of applications for Community-Based Forest Management Agreements (CBFMA). These CBFMAs are tenurial instruments with a lifetime of 25 years, issued by DENR. The CBFMA mandates the community to manage the existing natural mangrove stand and to reforest degraded and open areas to increase forest production. Such management should result in an increase in the total area of mangroves and have the positive effect of providing more extensive nursery grounds for coastal fish.

Placing mangrove forests under such instruments will help local peoples organizations control the use of the areas, minimizing illegal logging and illegal conversion to fish ponds. Since abandoned fishponds are a prime target for mangrove re-forestation, extensive efforts to revert the fishpond lease agreements (FLA) will also help to increase the total area of mangrove habitat.

This approach is timely as CBFM is now the DENR's preferred management method for forest resources, which is a paradigm shift in forest management, from regulatory to developmental: empowering people in managing natural resources on sustainable bases.

2.1.3.1 Work Plan Accomplishments

A mangrove management mobilization plan was submitted to DENR and USAID detailing 6 months of activities for implementing the MMC in accordance with the 18-Month Work Plan. The outputs from the work plan included:

- Drafting of a report on mangrove habitat management
- Compilation of secondary information on mangrove management
- Identification and prioritization of mangrove management issues

- Development of general and specific IEC materials including guidelines for mangrove management and drafting handbooks on the MSA application and the FLA reversion application process
- Identification of four implementation sites in Bohol

Below is a discussion of the accomplishments to date.

The MMC field team, composed of a Field Operations Manager (J. Atchue), DENR Mangrove Specialist (C. Yao), and expatriate consultants from Mote Marine Laboratory, developed the overall implementation strategy for accomplishing the task of placing 13,000 hectares of mangrove under community management and presented the strategy at a workshop held in December 1997. At this workshop staff from DENR, the Department of Agriculture - Bureau of Fisheries and Aquatic Resources (DA-BFAR), and USAID discussed and validated the approach. Several suggestions were made by the participants, and these have subsequently been included. The major change was to modify the mechanism of application from Mangrove Stewardship Agreements to CBFMA. This change will assist the project staff in working more closely with both LGUs and with provincial DENR staff and will increase the area for management for a single instrument to as much as 15,000 hectares. (We now anticipate the average size of a CBFMA will be 200 hectares, where before we believed that it would be on the order of 50 hectares.) The strategy is also shifting away from using NGOs to provide staff, also based on feedback from the workshop. The draft strategy is now being finalized and will be submitted for approval to DENR and USAID in mid-February 1998.

A library of books and papers on mangrove issues is being developed at the CRMP offices. To date more than 100 references have been identified. These include references on issues such as ecosystem function, planting, identification, hydrology and hydrologic design of areas, fisheries, remote sensing, community organization, and enterprises. All of these are believed to have some bearing on mangrove management in the Philippines. The team has used its own file resources, purchased books, obtained material via interlibrary loan, and used the internet to obtain these resources. We anticipate that this will be an ongoing activity until the end of the project.

The MMC team worked with the Policy Component to identify key issues in mangrove management in the Philippines. The team have identified a relatively short list of issues. These are:

- The absolute prohibition on cutting of mangroves in RA 7161
- The slowness of FLA reversion

Additional issues that are subsidiary to the two above relate to the proposed revision to the Forestry Code and its effect on community-based mangrove management and mangroves management in NIPAS areas. A paper outlining and discussing the various Republic Acts, Presidential Decrees, Executive Orders, Departmental Administrative Orders, and Implementing Rules and Regulations has been drafted and will be finalized in the 2nd Quarter 1998. Staff are currently waiting to see if the revised forestry code is passed in this Congress. If it is, it will have not only a substantial impact on the management of

mangroves but also will go a long way towards dealing with the two issues identified above.

A variety of IEC materials have been developed by the MMC. These include popular materials—a color poster and handout in English and Visayan emphasizing the importance of mangroves to the coastal environment and a tri-fold brochure providing basic background information on mangroves. All three materials have been finalized and will be produced in the 1st Quarter 1998 in time for the February 15 launching of CRMP's "I love the Ocean" campaign. In addition, the MMC has formulated a number of proposed guidelines on different activities in the implementation of CBFMA. A list of some of the proposed guidelines, which will compose what the MMC characterizes as its CBFMA Tool Kit is presented below:

- Identification of MSA Sites
- Community-Based Mapping
- Mangrove Stewardship Primer
- Community Organization for CBFMA
- CBFMA Application Guideline
- Stewardship and Management of Existing Mangrove Forest
- Seed/Propagule Collection and Plantation Establishment
- Hydraulic Considerations in Mangrove Restoration
- Fishpond Reversion Process
- Enhancement Planting
- Backyard Mangrove Guide
- Assisted Natural Regeneration
- Silvicultural Practices
- Mangrovetum Establishment

The MMC has identified an additional consultant and has begun work on the guidelines. The plan is to field test the guidelines in Bohol (where the whole concept is being field-tested) and modify them based on experience there. The guidelines for the CBFMA application process and the FLA reversion application process are among the first to be written. All of the above guidelines are expected to be final at the end of 1998.

The MMC team conducted field reconnaissance at the learning area and several MMC expansion sites in Bohol for possible sites where a CBFMA could be implemented. A number of sites have been identified as having the necessary biophysical traits to support a CBFMA effort. The next step is to identify potential cooperators in the process. This will be accomplished in the first quarter of 1998. The following are sites covering 1,148 hectares have been identified:

- | | |
|-------------------------|--------|
| • Lawis-Ondol, Inabanga | 150 ha |
| • Hunan, Buena Vista | 50 ha |
| • Getafe | 150 ha |
| • Cogtong, Candijay | 200 ha |
| • Panadtaran, Candijay | 598 ha |

There are several other sites that will be evaluated in the first quarter of 1998. It is anticipated that a total of five sites will be used as pilot sites.

2.1.3.2 Activities Not Accomplished and Why

It had originally been anticipated that the pilot sites would have been selected and that NGOs would have provided staff by the last quarter of 1997. This was not accomplished because selection of sites was not as rapid as had been anticipated, and the NGOs were unwilling to respond to a request for proposal to provide community organization staff. As a result the pilot phase has been pushed back to the end of the first quarter of 1998.

2.1.3.3 Issues and Lessons Learned

Most of the communities along the coast are interested in being given the opportunity to manage their mangroves through some form of tenurial agreement. DENR began processing MSAs (to be converted to CBFMAs) in Bohol in 1996 as part of an ADB-funded project but discontinued the following year when the project was discontinued. The MMC staff believe that using the CBFMA approach, which uses affirmation rather than approval will assist in re-energizing the process.

One issue that the MMC only became aware of after travelling to Bohol was that a large fraction of the potential areas for CBFMA are either under PD2151 or PD2152 as Wilderness Areas and Mangrove Forest Reserves, respectively. Placing both these types of areas under the protective areas of NIPAS Act. This potentially will effect which areas can finally be included in a CBFMA. Currently, DENR is reported to be preparing a new guideline that would make these mangrove areas available for CBFMA.

2.1.4 Enterprise Development

Enterprise development activities were accelerated during this reporting period with the identification of the enterprise development team. The team is composed of four people based initially in Manila and Davao.

2.1.4.1 Work Plan Accomplishments

a. Activities to Catalyze Environmentally Sustainable Economic Development

In order to prioritize the plight of coastal communities and their slow economic development on the national social agenda, the Enterprise Development Component is establishing a network of national agencies and international institutions to support CRMP's economic development activity at a national level. Some of the targeted entities contacted include the International Marinelife Alliance (IMA), Asian Development Bank (ADB), the World Bank (WB), the Canadian International Development Agency (CIDA), the Australian Agency for International Assistance (AUSAID), the United Nations Development Programme (UNDP), the Technology Livelihood Resource Center (TLRC), an institution within the Office of the President, as well as several USAID-funded initiatives, including

the International Marinelife Alliance - Philippines. The outcome of these discussions is summarized in Appendix C.

Without a national focus, the coastal poor may simply migrate to population centers, becoming tomorrow's urban poor. For this reason, it is highly appropriate that enterprise development carried out under CRMP be viewed from a national perspective, as well as focusing on specific learning areas.

b. Research, Feasibility Studies on Enterprise and Industrial Development

Enterprise development activities are initially focused on the learning areas at Olango Island, Malalag Bay, and Sarangani Bay. Work will continue in these locations until March 1998. At that time the initial results will be assessed, and the current strategy and approach will be evaluated to determine if changes are required. After the assessment, it is planned to expand the activity into the three other learning areas at Bohol, Palawan, and Negros Oriental.

Below is a discussion of specific accomplishments in enterprise development:

- a. Working relations were established with other institutions and organizations such as IMA, SMISLE, GEM, TLRC and the MCPI Corporation.
- b. A long list of potential enterprises was developed for the three focus areas. This was the starting point for the analyses to be carried out.
- c. The long list was screened into a short list of business possibilities for each location. Pre-feasibility studies will be carried out on the most promising of these possibilities.
- d. The following short lists were developed for the three locations, respectively:

Olango Island

- Provide marketing linkages for aquarium fish shipments to foreign markets
- Provide marketing linkages for food fish sold to local markets
- Grow high-value fish in floating pens for live fish markets overseas
- Produce edible seaweed for local markets
- Produce handicrafts as an alternative to shellcraft
- Ecotourism businesses, centered on the Olango bird sanctuary
- Development of a tourism industry at Olango

Sarangani Bay

- Sea cucumbers grown for the fresh market
- Bangus fry banking (including cooperative collection and marketing)
- Softwood/woodcraft industries

- Shoreline salt making
- Mini-coconut oil processing
- Bulk cattle feed (silage)
- Smoked/dried fish processing (coastal community level)
- Model platform coastal village
- Museum for art and environment
- Beach resort development
- Integrated ferry boat service

Malalag Bay

- Oyster culture for fresh markets
- Joint venture commercial pond operation (fingerlings, bangus and lapu-lapu)
- Softwood/woodcraft industries
- Integrated cooperative nursery
- Seaweed culture for fresh markets
- Ramie production, linked to processing and export
- Corn cob processing/export
- Mini-coconut oil processing
- Cacao processing/fermentation
- Floating pen fish cultivation

c. Form Development Strategy with LGUs and Local Stakeholders

The general strategy for enterprise development carried out under CRMP is to integrate active community participation with a production and marketing systems approach, focused on the development of viable businesses around a limited number of key commodities. Essentially, it provides for market linkage and production technical assistance to groups in coastal communities who are assisted to produce a marketable commodity. It is intended to be replicated between groups of beneficiaries and between CRMP learning areas.

The specific approach is as follows:

- a. Analyze the available resources and the capabilities of targeted groups in coastal communities. Define their production capability.
- b. Identify available markets and the market linkages required to access those markets.
- c. Determine the product specifications as required to serve the markets.
- d. If it appears likely that a coastal community can produce a given product to serve a particular market, they are provided assistance to establish market linkages, to develop their product so that it meets market standards, and to locate sources of credit as required.

- Market linkage may be provided by a joint venture partnership, through a production contract supply agreement, or by linking the targeted group with a processor or wholesaler of their commodity.
- Technical assistance and training is provided as required to help the coastal community group become reliable suppliers to their market. This may be provided by any number of organizations or institutions including the private sector (the marketer), DA, BFAR, DENR and, if not available elsewhere, CRMP.

e. Monitor the arrangement to ensure that it is fair to all concerned.

The benefits derived by coastal communities through this linkage is that they gain markets for their products and develop alternative means of earning a living.

The benefits to processors and marketers is that, with the assistance of CRMP, they have a low-risk means of expanding into new geographical areas or to develop new products for increased sales volume, or to open new markets.

2.1.4.2 Activities Not Accomplished and Why

All key activities planned to date have been accomplished.

2.1.4.3 Issues and Lessons Learned

The Enterprise Development Component team is still in a process of balancing CRMP's enterprise development strategy toward a hybrid strategy that incorporates mechanisms for sustainability with a market-driven approach that is fully integrated with the coastal resource management planning and implementation process. CRMP team meetings have been conducted to facilitate strategy refinement.

Enterprise development strategies for Olango and Bohol will need to address in some manner the aquarium fish trade. CRMP in collaboration with IMA are discussing strategies for positive interventions in this currently unsustainable industry.

2.2 LOCAL IMPLEMENTATION

Local implementation activities cover regional initiatives involving clusters of provinces and learning area initiatives. A summary of the 18-Month Work Plan accomplishments through the 4th Quarter 1997 for the local implementation activities is provided in Appendix A. A detailed description of accomplishments are provided below as an overview and by learning area.

2.2.1 Overview of Local Accomplishments

2.2.1.1 Work Plan Accomplishments

CRM activities in the learning areas (LA) for the 4th Quarter are proceeding at different phases but with some common themes. These include the following:

- a. First draft of the secondary baseline data (coastal environmental profiles) completed in five learning areas
- b. PCRA training and implementation in the barangay level completed in three learning areas (Palawan, Sarangani, Malalag Bay); data from these LAs now being incorporated in the coastal profiles, and Barangay planning activities are now being started in selected barangays
- c. Launching and distribution of the *Legal and Jurisdictional Guidebook for Coastal Resource Management in the Philippines* in the LAs
- d. Enterprise development activities initiated in Sarangani, Malalag Bay, and Olango Island
- e. Institution building at the community level to promote community participation in CRM planning and implementation being undertaken through organization of Fishery and Aquatic Resource Management Councils (FARMC), fisher folks, women and youth
- f. Activities to mobilize project through identification of assisting organizations and promote active LGU involvement being pursued in all learning areas
- g. IEC activities conducted with special focus on the *Legal and Jurisdictional Guidebook for Coastal Resource Management in the Philippines* and information on coastal environment in learning areas
- h. Partnership and collaborative efforts with the International Marine Life Alliance initiated for Olango and Bohol LAs

2.2.1.2 Activities Not Accomplished and Why

The activities described above are all underway in the six learning areas but at differing levels of completion. Several outstanding exceptions are listed below:

- a. The PCRA for Negros Oriental will not start until January 1998 because the CRMP-TMF contract had to be finalized first.
- b. Some difficulties have been encountered in processing socio-demographic data from the PCRA results especially in Sarangani and Malalag Bays because some municipalities did not turn over survey instruments on schedule.
- c. Enterprise development activities require a period for feasibility studies before actual implementation can begin.

2.2.1.3 Issues and Lessons Learned

An issue in all areas is the actual and realized level of LGU (municipal and provincial) and national government (DENR and DA) counterpart. Although there is often much community level support and volunteerism through various NGO and academic channels such as Silliman University, NGOs and other groups, the government motivation is often less than what is required to build sustainable programs. Three major exceptions are in Sarangani Bay; Negros Oriental; and in San Vicente, Palawan where the LGUs are committed and active. For Olango, Bohol, and Malalag Bay, CRM will not flourish without

more counterpart support in the years to come. CRMP is attempting to solve this problem through several strategies. These include:

- a. Various multi-sector workshops are being held to launch the *Legal and Jurisdictional Guidelines for Coastal Resource Management in the Philippines* and to start the planning process moving through involvement of various groups. For example, the CRMP has assisted with the development of an environmental code for the Province of Bohol which includes a substantial section on coastal resource management.
- b. With the activities in the learning areas gaining momentum and the demand for technical assistance growing, more technical assistance is being provided to the Learning Area Coordinators (LACs). CRMP has started to field additional technical staff to learning areas where assistance is needed. For example, one in-house consultant is providing more focused support to the Bohol LA; a CRM Specialist is assisting with the PCRA activities on Olango and eventually Negros; and the Policy Research Assistant is assisting with CRM implementation activities in Palawan.

2.2.2 Bohol

2.2.2.1 Work Plan Accomplishments

The primary accomplishments for the period include:

- a. The municipal level PCRA was conducted in Inabanga, Tubigon, and Dimiao with a total of 160 participants. Before the actual conduct of the municipal-level PCRA, CRMP technical staff provided assistance to the PCRA team by conducting a 1-day leveling off and pre-training consultation. They facilitated the active involvement of the learning area TWG for CRM in the municipal level PCRA. The TWG is responsible for monitoring the barangay level PCRA for Inabanga and Tubigon.
- b. The Draft Coastal Area Profile was reviewed by Provincial and Municipal staff as well as Silliman University researchers.
- c. The CRMP-Haribon Team conducted Environmental Education to more than 2,000 elementary and high school students in Getafe.
- d. The learning area coordinator lobbied for the approval of the CRM budget amounting to PhP 100,000 in Tubigon.
- e. In coordination with the Office of the Provincial Agriculturist (OPA), DA and DENR, the CRMP facilitated the formation of Barangay FARMCs in 18 island barangays in Calape, Loon, and Candijay.
- f. Expansion activities included the signing of expansion MOAs with Getafe, conduct of CRM orientation in Panglao, and initial meetings with the Municipal Agriculture Office (MAO) and the mayor of Talibon, Bohol.

- g. Collaborative efforts were pursued with Feed the Children Fund for CRM activities with Pangapasan Island, Tubigon and International Marine Life Alliance for training of ecological fishing methods in Mantatao Island, Loon, Bohol.
- h. CRMP provided inputs to the Draft Bohol Environment Code, which is facilitated by GOLD
- i. Meeting with the CRMP-Haribon Team and the Learning Area Coordinator, the CRM Coordinator, and Community Development Advisor to discuss CRM implementation plans and coordination was held in Handumon, Getafe.

2.2.2.2 Activities Not Accomplished and Why

The municipal level PCRA was slow to start because of logistics and technical concerns which needed attention before proceeding with the training. On the learning area level, the LAC and the Haribon Team with the assistance of CRMP technical staff, conducted a pre-PCRA leveling off conference with the LGU officials and TWG so that they would have a better understanding of the rationale for the PCRA and the succeeding activities. It was decided that these preliminary activities were essential to long-term success in the area.

2.2.2.3 Issues and Lessons Learned

The Bohol learning area has several municipalities that are not yet active in CRM. This could be a reflection of other priorities of mayors and their staff. The lesson is that the LAC has to work where the demand is greatest to initialize CRM activities.

Since the advent of the Environmental Summit for Bohol, CRMP together with GOLD have been assisting the province to edit and redraft the Code section for coastal environment. The process has been difficult in that the original results of the Environment Summit were not readily available because no one person or agency took responsibility to record the proceedings and to assist with the analysis of the results. Thus, the Code has been redrafted by persons not originally involved in the Summit. The lesson is that the development of policy documents is not easy without some level of assistance both from the local government and assisting projects in a coordinated and uniform manner.

2.2.3 Malalag Bay

2.2.3.1 Work Plan Accomplishments

The Malalag Learning Area now has the assistance of two additional staff, who have helped the LAC to accomplish many activities by the end of 1997. These include:

- a. PCRA field implementation was completed in the 24 coastal barangays of the learning area and the Digos expansion area involving 926 fisherfolks. Resource maps, calendar trend in resource status, and transect diagrams were accomplished in each area.
- b. A first draft of the coastal environmental profile was submitted for comments.

- c. Three hundred CRM and coastal environmental posters and brochures were distributed to each barangay and all government offices and NGOs in the learning area.
- d. The process started to incorporate CRM into the barangay development plans although most barangays do not yet have functional barangay development plans.
- e. Orientation with the Province and the municipalities of Malalag Bay highlighted the need to form a Malalag Bay Management Council.
- f. Work on the Unified Municipal Fishery Ordinance for the Province of Davao del Sur continued.
- g. Assistance was provided by the projects' enterprise development specialists to decide on the focus for enterprise development in the bay.
- h. Other activities included presentations on CRM to the Brunei, Indonesia, Malaysia, Philippines-East Asia Growth Area (BIMP-EAGA) Working Group Meeting on Environmental Protection and Management and during the culmination of the Fish Conservation Week.

2.2.3.2 Activities Not Accomplished and Why

Data from the PCRA is still being processed and is not yet incorporated in the coastal profile. The need for an assessment of the impact of fish cages in Malalag Bay has been identified but not completed. CRMP discussed the conduct of this assessment with the University of the Philippines Marine Science Institute (UP-MSI) because of their experience in assessing similar problems in Lingayen Gulf. UP-MSI is developing a proposal for review. An area survey is required and some assessment of the situation is required to develop a management plan for spatial use in the bay.

2.2.3.3 Issues and Lessons Learned

There is a need to cultivate closer working relationships between the various municipalities within the Malalag learning area. Malalag Bay itself is small in relation to the entire learning area and has a distinct set of problems compared to areas outside the bay. This will have implications on the unified fishery ordinance, the environmental profiling, and the ultimate plans developed for the area. The issues of more concern are within the bay because of the increasing demands for use of areas in the bay for fish cages, potential oyster culture, sanctuary and other activities. A Bay Management Council will be essential to developing viable plans for the area.

2.2.4 Negros Oriental

2.2.4.1 Work Plan Accomplishments

Activities in the Negros Oriental Learning Area are moving quickly ahead now that the Ting Matiao Foundation (TMF) is fully active with the project. Field work will commence with the TMF staff in January 1998. Among the accomplishments in late 1997 include:

- a. The TMF assistance was formally launched November 28. CRMP-TMF staff attended a 3-day orientation and planning session conducted by the LAC, CO/CP Advisor and CRM Specialist. Outputs of the orientation and planning session

include the formulation of a 1-year work plan. Courtesy calls to the LGUs were conducted by the team.

- b. Organization of the CRMP-TMF Advisory Council to facilitate better coordination and coordination of project activities in the learning areas was completed. Members include DENR, Office of the Provincial Agriculturist (OPA), DA, Provincial Fisheries Coordinator, PPDO, Silliman University, and a representative from the LGU as the need arises.
- c. To prepare for the PCRA, municipal and city maps were collected showing political and geographical boundaries.
- d. A preliminary draft of the Coastal Area Profile was accomplished.
- e. IEC activities included the launching of the *Legal and Jurisdictional Guidebook for Coastal Resource Management in the Philippines* CRMP IEC exhibit at TMF,s 20th anniversary, marine ecology workshop in Amlan and San Jose with more than 100 participants in attendance.
- f. Coordination activities included: work with GOLD in the formulation of 5-year strategic plan for the Integrated Solid Waste Management Project in Dumagute City; facilitated study tour of the Feed the Children Foundation and the hosting a delegation from China interested to learn about CRM in the Philippines.

2.2.4.2 Activities Not Accomplished and Why

Delays in starting the PCRA resulted from the delay of the TMF contract which was simply a matter of resolving many bureaucratic details. This has also delayed data gathering for coastal environmental profile. The Municipality of San Jose has so far refused to participate in the planned PCRA for unknown reasons. This will be resolved in early 1998.

2.2.4.3 Issues and Lessons Learned

One of the issues in Negros Oriental is how to combine the coastal management efforts of the nine municipalities into a more unified effort coordinated at the provincial level. Although the RMD of the province has focused on CRM, it has not been very effective in unifying policy and coastal development plans. Also, the size of the learning area dictates that CRMP must initially focus on several clusters of municipalities where CRM interest is strong. The first cluster is in Bais Bay where bay management is of interest to the two municipalities. The lesson is that the CRMP must be strategic in targeting its assistance so that it can have a beneficial impact both in the short and long term horizons.

2.2.5 Olango Island

2.2.5.1 Work Plan Accomplishments

Olango Island learning area has been active during the 4th quarter of 1997 with implementation of the PCRA and the beginning of training to convert aquarium fish gatherers who use poisons to net fishing techniques. Although the complexities of the island continue to surface, much is being done to facilitate movement towards improved CRM on the island. These activities include the following:

- a. The contract with USC-MBS to assist in the preparation of the Coastal Environmental Profile has been finalized and signed, and work has started on the profiling activity.
- b. Collaboration with the International Marine Life Alliance (IMA) in the implementation of the Destructive Fishing Reform Program-Coastal Empowerment Project (DFRP-CCP) was established.
- c. A barangay level PCRA was implemented in one barangay with a reef survey conducted with the assistance of USC and IMA.
- d. The *Legal and Jurisdictional Guidebook for Coastal Resource Management in the Philippines* was distributed to LGU, NGA and barangay partners.
- e. The Suba Women's Group was organized and is functioning as a viable group.
- f. The active participation of the youth was facilitated in regular weekly clean-up and bird banding activities. These activities have intensified the youth's appreciation of their natural resources and strengthened their resolve to protect their environment
- g. The enterprise development team initiated preliminary environment scanning, preparation of the enterprise development portfolio, and resource identification business planning workshop;
- h. The Philippine Self-help Foundation was contacted for a possible link with micro-enterprise development in Barangay Sabang.
- i. The LAC assisted with the study tour of six Chinese coastal management officials in December.

2.2.5.2 Activities Not Accomplished and Why

The barangay level PCRA was delayed and only one barangay PCRA was conducted because the community development assistant contracted in July 1997 did not report to work after the municipal level PCRA (no valid reason for leaving) and the USC-MBS contract has been finalized.

2.2.5.3 Issues and Lessons Learned

Olango has severe issues of poverty, resource degradation and a weak local education and cultural base. The mind-set of people on the island is that they need to take advantage of every opportunity even if it is destructive or illegal. Thus, value formation and improvement is a critical issue on Olango. The lesson is that planning efforts for the island will need to follow a course that includes education, participation and value appreciation. Also, to make headway in CRM, CRMP may need to develop its presence in the Municipality of Lapu-lapu and Protected Area Management Board of DENR for the Bird Sanctuary since all planning activities go through these entities. Enterprise development will also be a key ingredient in the development of Olango.

2.2.6 San Vicente, Palawan

2.2.6.1 Work Plan Accomplishments

The logistics of operating in San Vicente inhibit progress to some extent. But even under these circumstances, much has been accomplished and includes the following:

- a. A community development assistant was hired, oriented on the project goals and approaches, and has started to work with the Technical Assistance Office and LAC in the completion of the PCRA data validation and CRM planning.
- b. The coastal environmental profile has been edited by the CRM Coordinator and is being completed by the consultant contracted for this activity. The remaining missing pieces of the profile are the inclusion of the maps from the PCRA, which are now being digitized by GEOPLAN in Cebu.
- c. The PCRA validation and problem identification and prioritization was completed in 10 barangays.
- d. The planning process of an integrated coastal management plan for Port Barton was initiated through a workshop conducted with the key facilitators from RMC-TAO, MPDO, MAO, and the Brgy. Captain of Port Barton. The workshop objective was to come up with a 1-year plan to facilitate the Development of the plan for Port Barton.
- e. CRMP provided substantial comments and inputs to the proposed fish processing plant proposed by the municipality of the San Vicente LGU and met with the San Vicente Mayor to discuss the proposed processing plant and the radio station.
- f. CRMP provided inputs to the ECAN workshop facilitated by PCSDS.
- g. The *Legal and Jurisdictional Guidebook for Coastal Resource Management in the Philippines* was distributed to LGU, NGA, and NGO partners.
- h. The ICM course venue was planned and participants identified for the January 11-day ICM training course scheduled in January 1998.

2.2.6.2 Activities Not Accomplished and Why

Work plan activities are on track except that it is taking longer than anticipated to process the PCRA maps for inclusion into the profile. Also, the community level work in San Vicente has progressed but needs technical guidance so that more active planning can take place at the barangay level. Thus, the decision was made to focus initially on Port Barton for intensive planning.

2.2.6.3 Issues And Lessons Learned

An issue in San Vicente is to build on the past work of the RMC in a meaningful way so that the state of CRM in the area can be furthered and improved. The solution to this appears to be the development of a plan for Port Barton. Through this process, capability building in the community level will be enhanced because key persons and sectors are active facilitators in the process. Nevertheless, CRMP will need to provide more technical assistance to the planning process as it unfolds in 1998.

Another issue is the proper and effective use of the PCRA maps. CRMP found out that the maps were stored in 'safe' places which defeated the purpose of informing the community members about their resources and the state of their environment. More follow-up is needed to ensure use of maps; also, more copies of the maps need to be produced for easy access. The distance and the geographical locations and distance may prove to be a hindrance and the need for more technical assistance through additional staff becomes an even more urgent concern.

2.2.7 Sarangani Bay

2.2.7.1 Work Plan Accomplishments

The Sarangani Bay activities are moving along smoothly. The commonality in problems of the coastal municipalities and the relatively closed aspect of the bay augment the cohesiveness of project work in Sarangani. Accomplishments include:

- a. Coastal resource maps were completed for 67 barangays, 7 municipal/city areas and 1 map for the bay wide area of concern.
- b. PCRA diagrams (calendar, trends, transect profiles, resource assessments) were completed for all 67 barangays of the learning area.
- c. Underwater assessments were completed for three proposed marine sanctuaries.
- d. Delineation using GPS was made for three sanctuaries.
- e. Partner agencies assisted to start the organization of 21 BFARMCs, one city FARMC and 1 integrated cove FARMC.
- f. A study tour was conducted on various aquaculture project in Malalag Bay to identify potential projects for replication in Sarangani Bay.
- g. LAC facilitated enterprise development team to identify possible projects.
- h. LAC facilitated the signing of a MOA on the Socioeconomic Cooperation and Development for the South Moro Gulf Community Development Project, together with the Provincial Government of Sultan Kudarat and other agencies
- i. CRMP facilitated several other activities contributing to bay management and upcoming education activities.

2.2.7.2 Activities Not Accomplished and Why

Although the processing of the PCRA data is nearly complete, the incorporation of the data into the coastal profile has not yet been completed. The consultant originally contracted for this work is now working at U.P. in Davao and has little time to devote to the project. Another technical assistant will be recruited in early 1998.

2.2.7.3 Issues and Lessons Learned

One clear lesson is that the PCRA process and methods used by CRMP have heightened the participants' awareness on the condition of their coastal environment. The level of participation has also been high because of the positive reinforcement from feedback of the earlier participants. The hands-on approach has strengthened the participants sense of ownership of the data generated which has in turn stimulated a more motivated effort to form collective action for CRM in the bay.

2.3 STRATEGIC EXPANSION AND DONOR COLLABORATION

Strategic expansion of the project's activities are integrated into both national and local implementation activities. At a national level, CRMP is (1) developing guidance on CRM for use nationwide, (2) using transformational communication to set CRM on the national social agenda, and (3) working to leverage resources and funding of other donors and sectors toward common CRM objectives. At a local level, CRMP is (1) working for the institutionalization of CRM in learning area municipalities to serve as nodes for strategic expansion to other municipalities and provinces; and (2) catalyzing expansion of local CRM implementation in other areas through leadership, networking, and multisectoral collaboration.

2.3.1 Work Plan Accomplishments

CRMP completed an Expansion Strategy for the project describing levels of technical assistance and proposed geographic areas of operation. The strategy allocates different intensity levels of technical assistance to kilometers of shoreline depending on a several factors, including the ability to leverage other donor-assisted funding.

A major accomplishment toward implementing the Expansion Strategy was the agreement to develop a MOA to collaborate with the Asian Development Bank-funded Fisheries Resource Management Project (FRMP) in key technical areas including training and information, education, and communication.

CRMP continued discussions in Davao with the Canadian International Development Agency to identify opportunities to operationalize the MOA between the two projects.

Since the project's inception, CRMP has been compiling information on all CRM-related donor supported activities in the Philippines and networking with as many organizations and projects working in coastal resource management. Recently, a report was completed by the University of the Philippines-Marine Science Institute, which lists and map all CRM-related donor assisted projects in the Philippines and includes information on funding levels and types of support.

CRMP has signed 13 MOAs with expansion areas including most recently 3 municipalities in Sultan Kudarat.

2.3.2 Activities Not Accomplished and Why

Activities in specific strategic municipalities were not done although some activities to expand in Palawan were conducted through CRMP technical assistance to the Palawan Council for Sustainable Development in planning sessions for the Environmentally Critical Area Network planning. CRMP is in the process of revising staff responsibilities to provide more technical assistance to Palawan.

The third issue of the CRMP publication *Tambuli* was prepared; however, printing and distribution will occur in the 1st Quarter 1998.

CRMP has postponed indefinitely the conduct of a CRLC on Lessons Learned from Various Donor CRM Projects. The purpose of the CRLC is to formulate a donor coordination strategy for CRM. CRMP's experience is that concrete steps and experiences first need to be generated in the field between two donor-assisted projects in order to advance the collaboration to a higher level. CRMP is placing significant importance in developing these experiences with the ADB-funded FRMP. When some success stories have been documented, CRMP would propose that a joint workshop be conducted to draw in other donor-assisted projects.

2.3.3 Issues and Lessons Learned

The major challenge for CRMP is to develop substantive collaboration with other donor-assisted projects in coastal resource management. CRMP is in the process of reorganizing the staff structure and responsibilities as well as hiring additional staff in order to fully develop strategic collaborations. CRMP must take the first steps toward implementing the MOAs between other projects to demonstrate the added-value gained in working together.

3.0 PROJECT MANAGEMENT

CRMP is implementing the new reporting schedule for annual and semi-annual reports which coincides with the calendar year as previously proposed.

With all Philippine-based and U.S.-based subcontracts now in place, minimal support services are now being provided by the home office. However, there is now an increase in technical support services especially on mangrove management. Currently, one mangrove specialist from the Tetra Tech Vienna office is providing short-term (6 months) support in the development and initiation of the mangrove management component.

One major change that took occurred during the year was the name change from PRC Environmental Management, Inc. to Tetra Tech EM Inc. Also, Tetra Tech proposed an expansion of the CRMP activities and a 6-month work plan to use existing funds to initiate these expanded activities.

3.1 Work Plan Accomplishments

Work plan activities accomplished and ongoing in project management include:

- a. Pre-qualification of prospective contractors was completed for the construction of the Silliman University Marine Laboratory. Contract award and mobilization is expected in early 1998.
- b. The final design for Silliman University Marine Laboratory was completed and approved.
- c. Mangrove Management Component Mobilization Plan was completed and submitted to USAID and DENR detailing the recruitment of staff for the Mangrove Management Component. Technical and management support of this component was fulfilled by assigning Tetra Tech home office staff, Mr. Joe Atchue, as Field Operations Manager to this position. In addition, special orders from DENR were received assigning Mr. Calixto Yao to CRMP to assist with this component.
- d. Recruitment of additional staff was accelerated through major advertising activities to fill the project's needs for technical and administrative support. Applications for all positions advertised are being reviewed by CRMP staff.
- e. Identification of technical assistance needs with other CRMP team firms.
- f. Project monitoring team completed a 1997 review and compilation of information for CRMP's performance monitoring system in three learning areas.

A summary of the subcontractors and individual consultants that support CRMP activities on an ongoing basis to date are listed below.

SUMMARY OF ACTIVE SUBCONTRACTORS AND INDIVIDUAL CONSULTANTS SUPPORTING CRMP ACTIVITIES

Organization/Individual	Services
Organization	
Global Vision, Inc.	Transformational communication
Economic Development Foundation	Technical staff for community development and community-based coastal management including: community development core advisor; learning area coordinators in Malalag Bay, Negros Oriental, and Sarangani Bay
Mote Marine Laboratory	Technical support to the Mangrove Management Component
PRIMEX	Technical staff in support of policy component including: policy core advisor, policy researcher, and support staff
Woodward Clyde-Philippines	Technical staff for community-based coastal management including learning area coordinators for Olango Island and Bohol
Heuristics Technology and Management Consultants, Inc.	Architectural and engineering design of Silliman University Marine Laboratory

Organization/Individual	Services
Rotarian Martin "Ting" Matiao Foundation, Inc.	Community-based coastal management support in Negros Oriental
Haribon Foundation for the Conservation of Natural Resources, Inc.	Community-based coastal management in Bohol
Asian Institute for Journalism and Communications, Inc.	Secretariat services to the CRM Media Network
University of San Carlos	Technical assistance in completion of coastal area profile
Individual Consultants	
Astrid Romina V. Lim	Training Coordinator assistance
Bayani Fredeluces	Technical assistant to LAC in Sarangani
Betty C. Abregana	Technical assistance as Social Science Research Consultant
Caridad D. Balisacan	Graphic artist for IEC activities
Johnette C. Delegero	Technical assistance to Malalag Bay learning area
Jovita L. Borres	Technical assistance in community organizing in San Vicente, Palawan
Mary Gale de la Cruz	Artist for IEC activities
Michael Stuewe	Assistance in implementing TBCRM strategy in conjunction with the IYO
Oscar B. Francisco	Technical assistance as Mindanao Technical Specialist
Ruperto F. Sievert	Technical assistance in CRM
Thomas G. Bayer	Technical assistance as Training Coordinator
Yasmin D. Arquiza	Technical assistance in PCRA activities and environmental profile in San Vicente, Palawan
Ysolde A. Collantes	Computer graphics artist for IEC activities

Task orders were issued to the above organizations and individuals to initiate implementation of activities under the project.

The total expenditures through December 31, 1997 is 24.3 percent of the total project budget. The estimated percent of expenditures by implementation level and activity as of December 31, 1997 is as follows:

**SUMMARY OF PERCENT OF TOTAL EXPENDITURES
BY IMPLEMENTATION LEVEL AND ACTIVITY**

Implementation Level/Activity	Percent of Expenditures To-Date
--------------------------------------	--

CRM Core Activities	73.0
Policy	7.0
Mangrove Management	2.3
Performance Monitoring	2.1
San Vicente, Palawan	2.4
Negros Oriental	2.2
Olango Island, Cebu	2.2
Bohol	2.4
Malalag Bay, Davao del Sur	1.7
Sarangani Bay	2.3
Multisectoral Collaboration	1.0
Silliman University Marine Laboratory	1.4
TOTAL	100.0

Notes:

1. Percent of expenditures are estimated and should not be used for contractual or accounting purposes.
2. Expenditures include labor, other direct costs, subcontractors, and associated overhead and fee.

3.2 Activities Not Accomplished and Why

All key activities planned were accomplished. The identification of additional personnel for selected positions has been slow because of the lack of response from qualified individuals.

3.3 Issues and Lessons Learned

Implementation of CRMP's Expansion Strategy will require additional resources and management, technical, and administrative staff positions. These changes will be documented in the next 18-Month Work Plan.

4.0 PROJECT PERFORMANCE AND IMPACT

In this section, the overall performance and impact of CRMP is summarized according to the overall work plan accomplishments; progress in meeting project targets; and impact on key participating agencies and organizations. In addition, key implementation problems and issues, proposed courses of action, and adjustments to the work plan targets are described.

4.1 OVERALL STATUS OF WORK PLAN'S ACTIVITIES

CRMP's 18-Month Work Plan covers the 3rd Quarter 1997 through the 4th Quarter 1998 or the period between July 1, 1997 to December 31, 1998. CRMP is accomplishing the main activities described in the work plan as scheduled. In addition, two key project areas given priority attention in the 4th Quarter 1997, the Mangrove Management Component and the Enterprise Development Component, are now well underway.

4.2 PROGRESS IN MEETING PROJECT TARGETS

CRMP's 18-Month Work Plan details activities and timeframes for accomplishing key project results. In addition to reporting accomplishments relative to the work plan (Appendix A), the overall performance of the project is monitored with the performance monitoring system (Appendix B), which provides indicators with milestones and targets for each quarter and year through the life of the project. The performance monitoring system of indices and indicators will be reviewed for the 1998 semi-annual reporting period after which revisions may be proposed.

SUMMARY OF PERCENT COMPLETION OF PERFORMANCE MONITORING INDICES THROUGH THE 4TH QUARTER 1997 BASED ON 1997 TARGETS

PERFORMANCE MONITORING INDEX	PERCENT COMPLETE ANNUAL		PERCENT COMPLETE LIFE OF PROJECT	
	Target	Actual	Target	Actual
Strategic Objective (SO4)	100%	103%	32%	33%
National CRM Threshold (IR1)	100%	101%	31%	31%
Local CRM Threshold (IR2)	100%	105%	34%	36%

Note: Percentages based on Performance Monitoring System Indices reported in Appendix B.

The Project Completion Index (PCI) for 1997 is 1.4 indicating that level of technical accomplishments exceed the level of financial expenditures. The PCI is calculated as the actual percent complete (over the life of the project) for the strategic objective, 33 percent, divided by 24.3 percent, the actual financial completion. The PCI was developed by CRMP to assess the relationship between technical completion in achieving the project targets against the physical completion in terms of financial expenditures. The index is based on the percent complete for the strategic objective divided by the percent complete for expenditures to date over the life of the project. A value near "1" indicates that the technical completion is matched with financial expenditures. A value greater than "1" indicates that technical accomplishments are being achieved with less expenditures. A value less than "1" indicates that financial expenditures are greater than technical accomplishments.

4.3 IMPACT OF ACTIVITIES ON PARTICIPATING ORGANIZATIONS OR AGENCIES

CRMP has sustained an intensive effort toward facilitating multisectoral collaboration and partnership for the implementation of coastal resource management. Appendix C provides a history of CRMP's activities in these areas.

Several recent developments of CRMP's initiatives in building partnerships and multisectoral collaboration were realized in the 4th Quarter 1997.

- Assignment of DENR staff through special orders to work with CRMP
- MOA finalized with the National Committee on Marine Sciences for CRMP to serve as the implementing arm of the of the UNESCO Committee for the International Year of the Ocean in 1998 and in other activities through the year 2000.
- Agreement with the Asian Development Bank-funded Fisheries Resource Management Project (FRMP) to develop a MOA detailing substantive collaborative undertakings of the two projects.

4.4 KEY ISSUES AND IMPLEMENTATION PROBLEMS

Policy direction and priorities related to coastal resource management are being worked on by several projects under the DENR including CRMP and the UNDP-funded IMO. CRMP is concerned that without substantive collaboration and coordination, the output of these initiatives will be at the least fragmented and at the worst conflicting. The process used by CRMP in developing the *Legal and Jurisdictional Guidebook for Coastal Resource Management in the Philippines* illustrated two important lessons that CRMP will continue to implement in future policy activities. The first lesson is that policy priorities should be identified from real implementation problems and obstacles at the local government unit level. CRMP has been able to identify and bring to the surface these problems by working on a day to day basis with 29 local government units and 6 provinces. The second lesson is that at the national level, multi-agency consensus from DENR, DA, and DILG is paramount to the success of the policy initiatives. The signing of the Guidebook by these three government agencies was not a superficial act. Each national government agency was committed to and worked for guidance that reflected a real consensus of the three agencies. CRMP recommends that DENR conduct a leveling workshop for projects that are working on policy issues related to coastal resource management.

A key issue reported previously was the implementation of the MMC. Subsequently, CRMP prepared and submitted a MMC mobilization plan to expedite implementation of the activities in this component. The mobilization plan has been fully implemented, with personnel in place and DENR staff at both field and policy levels detailed to the project for these activities.

Previously, key issues related to CRMP-DENR working relationships were addressed in a leveling workshop initiated by FASPO. This has resulted in positive impacts in the working relationship as far as identifying DENR counterparts for each CRMP learning area. It is CRMP's observation, however, that the role of the DENR counterparts has been more to monitor CRMP activities rather than to actually participate as a partner to the learning area coordinator. CRMP would like to see this relationship of DENR counterparts evolve into a partnership similar to that experienced with our local government units, where a day to day working relationship is developed. CRMP realizes, however, that DENR counterparts have many other responsibilities that limit the availability of time to devote to CRMP activities. CRMP recommends that learning area coordinators and DENR counterparts identify several key activities that they will devote a collaborative effort to and accomplish together.

CRMP completed and submitted an Expansion Strategy to DENR and USAID previously identified as a recommended course of action to clarify the criteria and direction of expansion areas of the project.

CRMP has not formally received approval from the PSC for its 18-Month Work Plan and Expansion Strategy. CRMP is responding to comments received from FASPO on the Expansion Strategy. Overall, CRMP believes that no major concerns have been raised and that the strategy and activities described in these documents are acceptable to USAID and DENR. CRMP recommends that CRMP, USAID, and DENR's PMO and FASPO discuss and

resolve any remaining comments on either document and that these documents be recommended for approval to the PSC at the soonest possible time.

4.5 PROPOSED REVISIONS TO WORK PLAN SCHEDULE OR COSTS

Although the 18-Month Work Plan already incorporates the general approach and some specific activities of the Expansion Strategy, as soon as the Expansion Strategy has been formally approved by the PSC, CRMP will prepare an updated work plan and budget for implementing the strategy.

5.0 SUSTAINABILITY

CRMP's mission statement, *to catalyze coastal resource management in the Philippines to a threshold that will expand nationwide and be sustained beyond the project*, incorporates three key elements that will contribute to the sustainability of the project's strategic objective. First, CRMP serves as a catalyst for self reliance, empowering communities with responsibility and information, and building constituencies to support coastal resource management initiatives. Second, expansion of coastal resource management to the largest coverage possible provides the momentum for sustainability. Finally, the threshold sets the minimum level required for achieving a critical mass of leadership from all sectors of society that will sustain coastal resource management beyond the life of the project.

5.1 EMPOWERING COASTAL COMMUNITIES WITH COASTAL RESOURCE MANAGEMENT RESPONSIBILITY

Participatory coastal resource assessments (PCRA) facilitated by CRMP provide the opportunity for coastal communities to raise issues and concerns about the status of coastal resources in their area. Conducting the assessments of their own resources empowers coastal community members with information and insight into the problems and possible solutions. PCRA has been completed in four learning areas and is near completion in the remaining two. CRMP made significant revisions and updates to a manual for PCRA that will be printed for widespread dissemination. CRMP conducted PCRA training for almost 90 LGU staff, barangay leaders, and NGO staff in six provinces. Individuals trained in PCRA subsequently facilitate the implementation of all PCRA activities in partnership with CRMP putting their training to immediate use.

5.2 DEVELOPING A COASTAL RESOURCE MONITORING AND INFORMATION MANAGEMENT SYSTEM

CRMP has ongoing efforts in developing a coastal resource monitoring and information management system. The results of the PCRA are reviewed by the community to validate the assessments they conducted. Afterwards the results are incorporated into the coastal area profiles. The coastal area profile incorporates the strategic information needed to plan and implement coastal resource management. CRMP has ongoing efforts to complete the integration of the PCRA results in the coastal area profiles of all learning areas. This process has been completed for San Vicente, Palawan.

5.3 BUILDING CONSTITUENCY GROUPS TO SUPPORT COASTAL RESOURCE MANAGEMENT INITIATIVES

Strengthening of CRMP's media, education, and social mobilization networks has seen visual signs of impact. The International Coastal Cleanup Day in September 1997 provided an opportunity to explore the interest of various sectors in Metro Cebu in coastal resource management. CRMP served as the catalyst to bring together a diverse array of groups from local government units, national government agencies, private sector, academe, and NGOs committed to getting involved with coastal resource management problems and issues. The interest of these constituency groups have been sustained and new groups have joined in planning activities for the 1998 International Year of the Ocean.

5.4 DEVELOPING A CRITICAL MASS OF LEADERS IN COASTAL RESOURCE MANAGEMENT

Active involvement from a broad cross section of coastal stakeholders form the pool of leaders needed to sustain CRM activities. A key observation in developing this critical mass of leaders is the energy and commitment of the youth sector. CRMP's Coastal Resource Leadership Challenges for youth have fueled the fire by providing alternative descriptions and examples of leadership qualities and characteristics.

APPENDIX A

**SUMMARY OF 18-MONTH WORK PLAN ACCOMPLISHMENTS
JULY 1, 1997 THROUGH DECEMBER 31, 1997**

(11 Pages)

18-MONTH WORK PLAN ACCOMPLISHMENTS

FOURTH QUARTER 1997 (July 1 - December 1997)		
Ref. No.	Activity	Status
I.	NATIONAL	
I.A.2	<p>Activate CRM Media Network for Policy Advocacy</p> <ul style="list-style-type: none"> • Third issue of CRM Media Updates compiled by CRM Media Network Secretariat • Initiated plans for Greening of Editors Workshop for Palawan in February 1998 • Initiated plans for the presidential and provincial Green Vote campaign • Initiated plans for media tour in Cebu, Bohol, and Negros for February • Media network coverage of launching of jurisdictional guidebook producing press releases, press conference, and video documentation • Met with CNN representative in Manila for possible coverage of Olango, Bohol, and Negros 	O
I.A.3	<p>Conduct public education campaign on Jurisdictional Guidebook</p> <ul style="list-style-type: none"> • Presented CRMP and jurisdictional guidebook to Cooperative Union of the Philippines National Conference • Launched guidebook during Anniversary of the Local Government Code • Launched guidebook at Negros Oriental learning area • Prepared draft seminar design for proposed training course on Legal and Jurisdictional Aspects of CRM in the Philippines Presentations of guidelines to LGUs conducted consultative workshops with learning area LGUs and national convention of League of Municipalities • Facilitated promotion and distribution of Guidebook to PCSDS, in DA and FARMCs in Region XI, local government officials in Batangas province and ATI-RFTC superintendents • Presented lecture on CRM process and jurisdictional aspects of CRM during FARMC Congress in Region XI • Participated in workshop on unification of municipal fishery ordinance for Malalag Bay municipalities to provide technical inputs on CRM process in ordinance formulation and discuss use of Guidebook • Provided copies of guidebook and gave inputs to jurisdictional aspects of CRM to IMO workshop on "Implementation of the Local Government Code in Relation to ICM in Batangas Bay" 	O
I.A.4	<p>Produce and distribute Jurisdictional Guidebook</p> <ul style="list-style-type: none"> • Over 1,500 copies of Guidebook distributed to LGUs, national government agencies, non-government organizations, and academe throughout the Philippines during national convention of League of Municipalities and from written request 	C
I.B.1	Research on Valuation of Coastal Resources and Cost-Benefit of CRM	O

FOURTH QUARTER 1997 (July 1 - December 1997)		
Ref. No.	Activity	Status
	<ul style="list-style-type: none"> • Research report on the valuation of coastal resources completed • Facilitated group discussion on economic cost-benefit analysis of Marine Protected Areas at UP-MSI • Benefit-cost analysis done on options for use of resources • Draft guideline on coastal resource valuation completed 	
I.B.2	Research on Operational Procedures for CRM Implementation <ul style="list-style-type: none"> • Annotated outline on procedures for CRM implementation drafted 	O
I.C.2	CRLC on Law Enforcement <ul style="list-style-type: none"> • Reviewed proposal of LEAP-Silliman University on training modules for coastal law enforcement • Initiated discussions with possible consultants for coastal law enforcement workshop modules • Enhanced awareness and interest among Philippine Navy officials on activities pertaining to coastal law enforcement 	B
I.D.1	Research and Feasibility Studies on Enterprise and Industrial Development <ul style="list-style-type: none"> • Enterprise development team conducting research and feasibility studies in Olango Island and Malalag and Sarangani Bays on shortlist of enterprise development opportunities • Conducted research on fish processing systems, evaluated and provided comments on San Vicente Mayor's proposal to establish fish processing plant in San Vicente, Palawan 	O
I.E.2	Conduct Public Education and Social Mobilization Campaign on Management of Commercial and Migratory Fisheries <ul style="list-style-type: none"> • Linked up with Cooperatives Development Authority for their endorsement and possible collaboration in this activity and enrollment of CUP members in nationwide Schools on the Air 	
I.F.1	Research, Refine, and Implement Laws, Regulations, and Policies Regarding Mangrove Habitat Management <ul style="list-style-type: none"> • Prepared summary of laws and legal information on mangrove rehabilitation, restoration, and management • Coordinated with Forestry Program and FRM regarding comments on researchable policy issues • Coordinated with DENR policy counterparts regarding participation in Mangrove Levelling Workshop to finalize comments on strategy • Prepared work plan for Policy Component relative to Mangrove Management Component • Issues of mangrove management identified and prioritized • Mangrove policy issues paper drafted 	O
I.F.2	Implement Mangrove RREM Activities on a Pilot Scale in Bohol <ul style="list-style-type: none"> • Mangrove management component team in place with DENR counterparts • Mangrove management component team identified five locations in Bohol totalling 1,148 hectares of 	B

FOURTH QUARTER 1997 (July 1 - December 1997)		
Ref. No.	Activity	Status
	mangrove for Mangrove Stewardship Applications	
I.F.3	Produce and Distribute RREM "Toolkits" <ul style="list-style-type: none"> Annotated list of procedures for RREM "ToolKits" completed Lead persons for each procedure identified and beginning work on procedures 	B
I.G.1	Collate Information on Donor Assistance to CRM <ul style="list-style-type: none"> List of all donor projects with CRM activities completed under UNDP project Map of all CRM activities with donor support completed under UNDP project 	O
I.G.3	Initiate Donor Coordination on Coastal Environmental Education <ul style="list-style-type: none"> Conducted follow-up meeting with the Local Government Academy for training module on <i>The Coastal Resource Leadership Challenge</i> for local government officials Conducted follow-up meeting with the National Youth Commission for training module on <i>The Coastal Resource Leadership Challenge</i> for Sangguniang Kabataan members Conducted follow-up meetings with the Commission on Higher Education for joint undertakings with higher educational institutions in the learning areas. Conducted follow-up meetings with the Environmental Education Division of the DENR EMB for advocacy efforts to integrate CRM in nonformal, basic, and higher education 	B
I.I.2	Conduct Public Education and Social Mobilization Campaign on Marine Sanctuaries and Other Related Topics <ul style="list-style-type: none"> Followed up commitments with Philippine Foundation of Rural Broadcasters, the Catholic Media Network and the Environmental Broadcasters' Circle for co-implementation of nationwide Schools-on-the-Air 	O
I.I.4	Conduct Participatory IEC Activities for Learning Areas, which Combine Process and Creative Materials <ul style="list-style-type: none"> Discussed terms with Unesco-DANIDA for inclusion of San Vicente Community Radio Station in the Tambuli Network with CRMP equipment financing Held preliminary discussions with San Vicente information officer 	B
I.I.5	Conduct National Public Education Campaign on Implementation Activities, Outcomes, and Lessons Learned <ul style="list-style-type: none"> News stories, feature articles, and editorial columns published 	O
I.J.1	Target Special Influential Groups for CRM Support <ul style="list-style-type: none"> Ongoing focus on private and religious sector for CRM support with Aboitiz, Petron, Levis, Catholic Media Network 	O
II.	LOCAL	
II.A.1	Activities to Mobilize Project, Identify AOs, Finalize LGU Roles, and Recruit Assistance as Required	O
Bohol	<ul style="list-style-type: none"> Mangrove management component team mobilized 	

FOURTH QUARTER 1997 (July 1 - December 1997)		
Ref. No.	Activity	Status
	<ul style="list-style-type: none"> • Five sites totaling 1,148 hectares identified for MSA • MOA drafted with LGUs for commitment of a LGU staff position and resources after life project 	
Malalag	<ul style="list-style-type: none"> • Contract a Davao-based NGO to assist with community organization initiated 	
Negros	<ul style="list-style-type: none"> • CRM Project Steering Committee formed and functional in Negros with including members from provincial, DENR, and NGO 	
Sarangani	<ul style="list-style-type: none"> • CRM work plan developed in conjunction with Province and CRMP • Orient the SP on CRMP 	
All Learning Areas	<ul style="list-style-type: none"> • Advertisement for personnel published in national and local newspapers • Some applicants identified with qualifications required • Learning area work plan refined with counterparts 	
II.A.2	Conduct ICM Training for each Project Region and Learning Area to Strengthen CRM Planning and Implementation Capability <ul style="list-style-type: none"> • ICM training modules completed • Logistics and planning for ICM training in Palawan in January 1998 completed 	B
II.B.1	Produce Instructional Material for PCRA Training <ul style="list-style-type: none"> • Final revisions to PCRA Handbook handbook completed • Final review of PCRA Handbook ongoing 	O
II.B.2	Conduct PCRA Training, Field Work, and Analysis for Coastal Area Profiles	O
Bohol	<ul style="list-style-type: none"> • Ongoing implementation of PCRA by barangay • Ongoing data analysis and map preparation for coastal profile 	
Malalag	<ul style="list-style-type: none"> • Ongoing implementation of PCRA by barangay • Ongoing data analysis and map preparation for coastal profile 	
Negros	<ul style="list-style-type: none"> • Ongoing implementation of PCRA by barangay • Ongoing data analysis and map preparation for coastal profile 	
Sarangani	<ul style="list-style-type: none"> • Ongoing data analysis and map preparation for coastal profile 	
	<ul style="list-style-type: none"> • PCRA training and orientation for 25 persons complete in six areas • PCRA maps and data completed in 3 learning areas • PCRA conducted in each area with active community participation 	
II.B.3	Compile and Produce Coastal Area Profiles for Six Learning Areas	O
Bohol	<ul style="list-style-type: none"> • Draft coastal area profile with assistance from CRM technical assistant completed less PCRA results 	
Malalag	<ul style="list-style-type: none"> • Draft profile with assistance by CRM technical assistant completed less PCRA results 	

FOURTH QUARTER 1997 (July 1 - December 1997)		
Ref. No.	Activity	Status
Olango	<ul style="list-style-type: none"> • Reef surveys assisted by USC through PCRA conducted • Draft with PCRA results, assisted by USC started 	
Palawan	<ul style="list-style-type: none"> • Second draft with PCRA results, assisted by Bandillo ng Palawan completed 	
Sarangani	<ul style="list-style-type: none"> • Second draft with PCRA results, assisted by LAC assistant completed 	
II.C.1	Produce Instructional Materials on Integrated CRM Planning and Implementation <ul style="list-style-type: none"> • CRM Planning Flipchart completed • Three posters on CRM and coastal environment completed 	O
II.C.2	Promote Community Participation in CRM Planning and Implementation through Integrated CRM Planning for the Learning Areas	O
Bohol	<ul style="list-style-type: none"> • CRM management plan for Calape Bay evaluated 	
Malalag	<ul style="list-style-type: none"> • FARMCs organization initiated 	
Negros	<ul style="list-style-type: none"> • Learning area planning mechanism implemented through TMF-contracted project • Assistance provided to evaluate municipal CRM plans and ordinances • Assistance provided to barangays to incorporate CRM into barangay development plans • Plan for pollution monitoring system and pollution control ordinances established through provincial Environmental Pollution Council 	
Palawan	<ul style="list-style-type: none"> • Barangay level project identified with Port Barton through profile feedback sessions • Provided technical guidance to San Vicente on developing CRM program and assisted in evaluation of CRM planning process in several barangays • Prepared workshop design for CRM plan formulation in Port Barton • Provided technical assistance to PCSDS workshop on zonation guidelines for municipal waters 	
Sarangani	<ul style="list-style-type: none"> • Assistance to DENR to strengthen PAMB for Sarangani Bay • FARMCs organized in all barangays 	
II.C.3	Assist Barangays to Incorporate CRM into Barangay Development Plans	O
II.C.4	Assist LGUs to Form or Strengthen Coastal Area Management Councils	O
Bohol	<ul style="list-style-type: none"> • Assisted coastal area management council incorporate results from Environment Summit into Bohol Environment Code 	
II.E.1	Form Development Strategy with LGUs and Local Stakeholders and Identify Private Sector Development Organizations (PSDO) Enterprise development team compiled information and met with local private sector partners in Olango, Malalag, and Sarangani	B

FOURTH QUARTER 1997 (July 1 - December 1997)		
Ref. No.	Activity	Status
II.E.2	Conduct Feasibility Studies in Enterprise Development, such as Tourism, Mariculture, and Agri-Industry through Activity of PSDOs and Application of Development Approach	O
Olango	<ul style="list-style-type: none"> • Made initial contact with PAMB and DENR to discuss eco-tourism possibilities • Agreement established with IMA to work with its graduates from cyanide fishing into a group marketing organization for aquarium fish. • Met with Lapu-Lapu City Mayor to discuss possible funding for holding facility at Olango. Have made initial contact with an export marketing group. • Met with CIDA's Project Manager for its Entrepreneurial Support Project, and a follow-up meeting with the Cebu Manager for CIDA's Micro and Cottage Enterprise Sub-contracting Project for collaboration on developing a crafts project at Olango Island. • Met with executives of Marine Colloids Philippines, Inc. (MCPI) to discuss possible marketing ties and production assistance for edible seaweed production around Olango. • Met with Ruben Barraca, ex-FMC employee to discuss state-of-the-art technology and possible production trials for seaweed cultivation. 	
Sarangani	<ul style="list-style-type: none"> • Facilitated the signing of a MOA on December 11, 1997 by the Southern Philippines Development Authority (SPDA), the Cooperative Bank of Davao City and Paulownia International Philippines, Inc. to import Paulownia seed stock and to establish a nursery for propagating this fast-growing forestry species. • Facilitated the signing of a MOA on December 15 by SouthPhil International Traders, the Biomass Technology Group of the Netherlands and Dominion Trading Co. of Malta for the production and export of coco-shell charcoal. 	
Malalag	<ul style="list-style-type: none"> • Met with the President of Hwanam Philippines, Inc., a Korean-Philippine company that processes and exports canned, smoked oysters and mussels at Capiz, to discuss their possible expansion into Malalag Bay. The Company would be willing to contract for oyster production at Malalag, provided the appropriate species can be grown there. • Met BFAR Director, Region VII, to identify oyster specialists that could provide a technical analysis on oyster culture at Malalag Bay. 	
III.	STRATEGIC EXPANSION	
III.A.1	Identify Coastal Areas for Strategic Expansion <ul style="list-style-type: none"> • Prepared and submitted to USAID and DENR the CRMP Expansion Strategy 	O
III.B.1	Guidance for Tubbataha/Cagayancillo Island Management Plan Development <ul style="list-style-type: none"> • Coordinated with DENR team working on draft MOA for establishment of PAMB for Tubbataha 	O

FOURTH QUARTER 1997 (July 1 - December 1997)		
Ref. No.	Activity	Status
	<ul style="list-style-type: none"> • Attended 29th meeting of PCSD to provide support to DENr during presentation of draft PAMB for PCSD approval • PAMB structure accepted by PCSD and DENR 	
III.C.1	Develop and Produce a CRMP Newsletter of Substantive Topics <ul style="list-style-type: none"> • Issue No. 3 prepared and submitted to printers 	O
III.D.1	Produce Instructional Materials for the Use of ICM Trainers <ul style="list-style-type: none"> • ICM Training Modules completed and ready for first training in January 1998 	C
IV.	PROJECT MANAGEMENT	
IV.A.1	Complete Office Setup in Cebu and Recruitment of Staff <ul style="list-style-type: none"> • Enterprise Development Component Team identified and working • Mangrove Management Component Team identified and working • Negros community-based staff (3 through TMF contract) identified and working • All staff or short-term assistants contracted as required 	O
IV.A.2	Complete Subcontract Agreements, Monitor and Support Activities <ul style="list-style-type: none"> • PACMAR: Task order issued for Enterprise Development Component activities • Mote Marine Lab: Task order issued for mangrove technical assistance and mangrove management toolkit preparation • CORIAL: PCRA handbook input submitted and finalized • Smithsonian Institution: Sulu Sea initiative designed and incorporated into CRMP Expansion Strategy 	O
IV.A.3	Quarterly Planning and Progress Meetings and Reports <ul style="list-style-type: none"> • Conducted quarterly planning meeting with DENR counterparts • Prepared plans and reports on all activities of CRMP 	O
IV.B.1	Complete Design of Project Performance Indicators, Determine Baseline Information and Targets for Indicators, and Operate Data Collection and Reporting System <ul style="list-style-type: none"> • Performance monitoring system database operational • Fielded special monitoring team to collect data for performance monitoring 	O

APPENDIX B

HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES

(6 PAGES)

**HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES
1997**

PARTNER	COLLABORATIVE ACTION AND OUTCOME
<p>Department of Environment and Natural Resources (DENR)</p>	<p>1st Quarter: presented status and direction of CRMP during special meeting for U.Sec. Marcelo, FASPO, and CEP (CRMP team); discussed jurisdictional guidelines and mode of collaboration between CRMP and Legal Department, EMB, and CEP (A.C. Trinidad)</p> <p>2nd Quarter: Discussed status of Presidential Task Force on Tubbataha National Marine Park; CRMP committed to assist in drafting legal instrument; finalized consultancy arrangement to assist drafting legal instrument (A. White; A.C. Trinidad); discussed status and experiences pertaining to mangrove management with Region 7 (A.C. Trinidad; J. Atchue); participated in planning workshop for Central Visayas Mangrove Reforestation project (A.C. Trinidad; J. Atchue); conducted in-house discussion on jurisdictional guidebook (C. Courtney; A.C. Trinidad); Region 7 participation in CRMP Quarterly Progress Meeting; initiated collaborative undertakings with the EMB Environmental Education Division specifically on environmental education advocacy activities aimed at DECS and CHED (A. Flor); touched base with DENR Public Affairs Office for their participation in the International Year of the Ocean Campaign (A. Flor)</p> <p>3rd Quarter: Finalized contract with legal consultants to draft plan for Tubbataha Management Board (A.C. Trinidad) with Legal Office; organized briefing of consultants by R. (A.C. Trinidad); coordinated first presentation of draft legal instrument for Tubbataha Management Board (A.C. Trinidad); participated in first presentation of draft legal instrument of Tubbataha Management Board (C. Courtney; B. Francisco; A.C. Trinidad); conducted research on foreshore lease and jurisdiction of LGUs and NGAs with Land Management Bureau (A.C. Trinidad); discussed experiences and updates on DA's CRM initiatives in Taytay, Palawan with Region IV (B. Francisco); advocacy for Environmental Education Advocacy; participation in preparation of memo orders; follow up meetings on integration of CRM in non formal, basic and higher education with EMB (A. Flor); facilitated DENR site visit to all learning areas; participated in Levelling Workshop (C. Courtney)</p> <p>4th Quarter: CRMP staff met with DENR in the CRMP Leveling Workshop in Cebu, October 6, to review all CRMP/DENR collaboration; met with Region VII RED Dolino and Mr. Edmondo Arregadas, Chief, Protected Areas and Management Division to discuss the strategy for developing tourism around the protected areas and the bird sanctuary at Olango Island (T. Easterling; M. Flores); met with FASPO to discuss Mangrove Management Mobilization Plan and CRMP Expansion Strategy (C. Courtney); conducted Mangrove Management Strategy Leveling Workshop with DENR (T. Atchue; C. Yao; C. Courtney; A. Cruz-Trinidad; A. White)</p>
<p>Department of Interior and Local Government (DILG)</p>	<p>1st Quarter: Discussed jurisdictional guidelines and mode of collaboration between project and Bureau of Local Government Development (A.C. Trinidad); met with Director of Local Government Academy for collaboration and assistance in developing environmental modules for DILG Municipal Training Project focused on the Coastal Resource Leadership Challenge (C. Courtney, A. Flor)</p> <p>2nd Quarter: Conducted in-house discussion on jurisdictional guidebook (A.C. Trinidad)</p> <p>3rd Quarter: Conducted in-house discussion on jurisdictional guidelines (A.C. Trinidad); follow-up meetings on Coastal Resource Leadership Challenge (CRLC) training module for government officials (A. Flor)</p>

**HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES
1997**

PARTNER	COLLABORATIVE ACTION AND OUTCOME
Department of Agriculture-Bureau of Fisheries and Aquatic Resources (DA-BFAR)	<p>1st Quarter: Discussed jurisdictional guidelines and process of review for CRM Hotline (A.C. Trinidad)</p> <p>2nd Quarter: Discussed unclear issues that have emerged from consultative workshops on jurisdictional guidebook (A.C. Trinidad; B. Francisco); lectured on marine ecology and CRM approaches during Training Course on Coastal Resource Management in Palawan for Regional Fisheries Training Center (B. Francisco)</p> <p>3rd Quarter: Clarified jurisdictional issues pertaining to commercial fishing in municipal waters and coordinated endorsement of guidebook (A.C. Trinidad)</p> <p>4th Quarter: Met with Ms. C. Corrales, DA Region 7 to review programs for training and financing enterprise development in coastal communities; BFAR oyster culture expert designated by the region to look at the technical feasibility of developing oyster culture in Malalag Bay and Sarangani Bay (T. Easterling)</p>
DA-National Agricultural and Fisheries Council	<p>1st Quarter: Discussed potential of using NAFC as venue for testing jurisdictional guidelines (A.C. Trinidad)</p> <p>2nd Quarter: Attended 2nd Quarterly Meeting and requested for a presentation of jurisdictional guidebook for next meeting (A.C. Trinidad)</p> <p>3rd Quarter: Presented Legal and Jurisdictional Guidebook for Coastal Resource Management during quarterly meeting (A.C. Trinidad)</p>
PCAMRD	<p>2nd Quarter: Discussed use of ICM training modules in CRMP training programs (White); presented paper on CRMP to Int. Mgt. Of Coastal Zone Workshop (A. White)</p>
Department of Education, Culture, and Sports	<p>3rd Quarter: Participation in coastal cleanup; discussions in the use of CRMP information materials as materials for adult literacy classes in coastal communities with Region 7 (B.P. Smith)</p>
Philippine Information Agency	<p>3rd Quarter: Memorandum of Agreement finalized to jointly implement a public education and social mobilization program on CRM utilizing PIA's regional and provincial networks and "kapihan" forums. (C. Courtney; B.P. Smith; A. Sia)</p>
Commission on Higher Education and Development	<p>2nd Quarter: Met with Dr. Alcala to discuss areas of collaboration in faculty and institutional development for Philippines higher education institutions (A. Flor; C. Courtney); developed concept paper for collaboration (A. Flor)</p> <p>3rd Quarter: Follow-up meetings for joint undertakings (A. Flor)</p>
National Youth Commission	<p>2nd Quarter: Met with Commission to discuss possible collaboration on leadership training</p> <p>3rd Quarter: Follow-up meetings on CRLC training module for Sangguniang Kabataan members (A. Flor)</p>
Philippine Centennial Commission	<p>2nd Quarter: Met with Commission to discuss areas for jointly implementing International Year of the Ocean and Philippine Centennial activities</p> <p>3rd Quarter: Memorandum of Agreement finalized to jointly implement a public education and social mobilization program on CRM utilizing PIA's regional and provincial networks and "kapihan" forums. (C. Courtney; BP Smith; A. Sia)</p>
National Commission on Marine Sciences (UNESCO)	<p>3rd Quarter: Drafted MOA between NCMS and CRMP for operationalization of the International Year of the Ocean in 1998 (C. Courtney).</p> <p>4th Quarter: Finalized and signed MOA for the International Year of the Ocean (C. Courtney)</p>
Philippine Senate/ Congress	<p>2nd Quarter: Discussed status of Fisheries Code and potential role of CRMP technical working group with Cong. Villarosa (A.C. Trinidad)</p> <p>3rd Quarter: Advised technical staff on fisheries economics concepts (A.C. Trinidad)</p>

**HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES
1997**

PARTNER	COLLABORATIVE ACTION AND OUTCOME
Technology Livelihood Resource Center	<p>2nd Quarter: As co-producer of the AgriSiyete video series on coastal resource management, worked closely with the AgriSiyete staff in finalizing scripts and post-production activities (R. Pestaño-Smith, A. Sia)</p> <p>3rd Quarter: Memorandum of Agreement signed to promote a jointly the “TLRC-CRMP Information Dissemination and Enterprise Development Program for Coastal Communities” (C. Courtney; BP Smith; A. Sia)</p> <p>4th Quarter: Met with senior officials of TLRC to discuss implementation of enterprise development projects at Olango Island, Malalag Bay ,and Sarangani Bay. TLRC will help with training and possible project finance after coastal community groups have been identified (T. Easterling).</p>
United States Agency for International Development (USAID)	<p>1st Quarter: Met with USAID-funded CRMP Indonesia to discuss performance monitoring indicators and cross-visits with CRMP Philippines (C. Courtney); met with indicator team for CRMP performance monitoring (C. Courtney, A. White); presented 1st progress of policy component to visiting USAID Washington Deputy Administrator (A.C. Trinidad)</p> <p>2nd Quarter: Presented progress of policy component (A.C. Trinidad); facilitated Director’s tour to Bohol (E. Deguit; C. Courtney)</p> <p>3rd Quarter: Arranged visit and made presentation on CRMP in Cebu for Ambassador Hubbard; presentation to new Chief of Office of Environment on status of CRMP; hosted workshop for CRM Partners IMA, Silliman, Peace Corps</p>
Environment and Natural Resources Accounting Project	<p>1st Quarter : Meeting with Dr. de los Angeles and Dr. Padilla regarding existing studies of ENRAP with relevance to valuation work of policy component (A.C. Trinidad; A. White)</p> <p>2nd Quarter: Discussed resource valuation interns scope of work and coordination (A.C. Trinidad)</p> <p>3rd Quarter: Participated in ENRAP briefing for USAID (A.C. Trinidad); participated in presentation of Lingayen Gulf studies (B. Francisco); participated in policy presentation of all ENRAP studies for Phase III (A.C. Trinidad); sought advice re policy component work in resource valuation (A.C. Trinidad and B. Francisco)</p>
Governance and Local Democracy Project (GOLD)	<p>1st Quarter: Met with Rene Acosta (GOLD Tagbilaran to discuss concept paper on Bohol Environment Summit (A. White, E. Deguit)</p> <p>2nd Quarter: Project acted as convenor for the Coastal Fishery Sector of the Bohol Environment Summit (C. Cimagala); Attended Trainor’s Training Workshop on Technology of Participation Level 1 (E. Deguit); Formation of Environmental Council in Kiamba, Sarangani (H. Cabangon)</p> <p>4th Quarter: Met with GOLD’s Environmental Specialist and had a follow-up conversation with its Investment Promotion Advisor regarding possible areas of collaboration for enterprise development. Presently, the only area of overlap is Bohol Province; worked with the GOLD team in Bohol to draft the Environmental Code for the Province and to provide input to the coastal section (T. Bayer, A. White).</p>
Growth and Equity in Mindanao (GEM)	<p>2nd Quarter: Participation of GEM in CRMP Enterprise Development workshop</p> <p>4th Quarter: Held discussions with GEM senior staff and area heads on means of collaboration for enterprise development at Malalag Bay and Sarangani Bay (T. Easterling, M. Steenwyk, A. Gementiza)</p>
Forestry Resource Management Project (FRM)	<p>2nd Quarter: Formation of Environment Council in Kiamba, Sarangani Province (H. Cabangon)</p>

**HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES
1997**

PARTNER	COLLABORATIVE ACTION AND OUTCOME
	<p>4th Quarter: Participation by FRM in Mangrove Management Levelling Workshop; discussed collaboration on evaluation of forestry and coastal resource management activities in relation to sequestering carbon from greenhouse gas emissions; met with FRM Chief of Party and enterprise development specialist to compare notes on strategy and approach. CRMP's specialist also met with FRM's Mindanao Forestry Specialist to discuss possible areas of overlap between the two programs at Sarangani Bay and at Malalag Bay (T. Easterling).</p>
Industrial Environmental Management Project	<p>2nd Quarter: Conducted rapid assessment of liquid wastes of the Negros Oriental LA municipalities and cities; conducted seminar-workshop on waste minimization in Dumaguete</p>
U.S. Peace Corps	<p>2nd Quarter: Participated in Supervisors Workshop for incoming Peace Corps Volunteers for CRMP (E. Deguit; C. Courtney); CRM training conducted for new volunteers (A. White; W. Ablong)</p> <p>3rd Quarter: Conducted consultations with various Peace Corps Volunteers on CRM in Cebu Office (A. White; E. Deguit; B.P. Smith; C. Courtney)</p> <p>4th Quarter: assisted with orientation of new Peace Corps volunteer under the direction of Bais City LGU and assigned to provide assistance to CRMP (W. Ablong); conducted consultations on CRM with 10 Peace Corps volunteers in Cebu (A. White; B. Pestano-Smith; C. Courtney).</p>
International Marine Life Alliance	<p>1st Quarter: Presented progress of policy component (A.C. Trinidad)</p> <p>2nd Quarter: Discussed International Coastal Clean-Up Day logistics and coordination (R. Pestaño- Smith)</p> <p>3rd Quarter: Conducted planning sessions in Cebu for Coastal Clean-up Day with private sector, government agencies, NGOs, academe, and LGUs</p> <p>4th Quarter: Conducted several meetings IMA staff toward the agreement that CRMP will work with IMA's graduates in non-cyanide fishing techniques at Olango Island to form a marketing association for the sale of live aquarium fish and to link the association with aquarium fish exporters (T. Easterling, M. Flores); assisted IMA field coordinator, Alex Ansula, to design the IMA one week training for net fishers implemented in Olango and Bohol (T. Bayer, A. White, E. Deguit and D. Diamante).</p>
Silliman Center of Excellence in Coastal Resource Management	<p>1st Quarter: Participated in planning session for mandates of Program and Policy Advisory Group (PPAG) (C. Courtney, A.C. Trinidad); discussion of legal framework for CRM with Atty. Maxino (A.C. Trinidad); exploratory talks with Silliman and CEMRINO for joint production of instructional modules on CRM for grades 4 and 5 (A. Flor, W. Ablong)</p> <p>2nd Quarter: Participated in the identification of policy issues to be taken up by PPAG (A.C. Trinidad; A. White); selected A/E Design firm for marine laboratory and conducted field visit to develop conceptual design (A. Nacion)</p> <p>3rd Quarter: Provided comments re draft concept paper on scope of work of PPAG (A.C. Trinidad)</p> <p>4th Quarter: Gave keynote address at annual convention of the Federation of Institutions for Marine and Aquatic Sciences and discussed visiting lecture series with Silliman professors (C. Courtney); involved the COE-CRM as member of the newly-formed CRMP-TMF Advisory Council to provide technical guidance to TMF in the implementation of the project (A. White, E. Deguit).</p>
University of the	<p>2nd Quarter: Worked with Dr. L. McManus from Marine Science Institute on scripts for</p>

**HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES
1997**

PARTNER	COLLABORATIVE ACTION AND OUTCOME
Philippines	<p>AgriSiyete and final details of video production on coastal resource management (B. Pestaño-Smith, A. Sia); participated in symposium and distributed CRM Hotline with questionnaires at College of Fisheries at UP Visayas; presented "CRM in the Philippines" at UP Public Environment Forum, Cebu (A. White)</p> <p>3rd Quarter: Attended meetings on design of selection process for PhilReefs Adopt-A-Reef Awards (A. White; B. Francisco).</p> <p>4th Quarter: CRMP was represented on the selection committee for the PhilReef Awards by A. White. The committee made its selection on December 1 and culminated the activity on December 16 in Manila to award the winners together with Senators Mercado and Alvarez, DENR, UP officials and CRMP (A. White, B. Francisco); attended Marine Protected Areas workshop to assist with the synthesis of the results and provide links with CRMP activities in the field and at the policy level (A. White, A. Cruz).</p>
Mindanao State University	<p>2nd Quarter: Conducted a workshop at College of Fisheries (General Santos City) to produce a workshop design on data feedbacking and action planning using GOLD's Technology of Participation; Participants included MSU - COF faculty member and Fishery Technicians of Kiamba and General Santos City Agriculture Office (E. Deguit)</p> <p>3rd Quarter: Developed draft MOA for participation in CRMP internship program (H. Cabangan).</p> <p>4th Quarter: Met with the Dean of the Fisheries Department to obtain study on Sarangani Bay water quality contracted by Dolefil (T. Easterling). Discussed visiting lecture series with MSU professors during annual convention of the Federation Institutions for Marine and Aquatic Sciences(C. Courtney).</p>
Southern Phils. Agribusiness and Marine and Aquatic School of Technology	<p>2nd Quarter: 6 students assigned to CRMP Malalag for their internship.</p>
IIRR	<p>2nd Quarter: CRMP invited to attend and (present a paper) a writing workshop on Participatory Approaches in CRM. (A. White, E. Deguit, D. Fabunan)</p>
ICLARM	<p>1st Quarter : Met to discuss ICM training (A. White)</p> <p>2nd Quarter: Discussed ICLARM's work in mangrove assessment and management (A.C. Trinidad; J. Atchue)</p>
NACFAR	<p>1st Quarter: Participated in TWG meeting; national coordinator invited to submit paper to CRMP Tambuli newsletter; ongoing discussions pertaining to proposed Fisheries Code (A.C. Trinidad)</p> <p>2nd Quarter: Participated in review of research methodology for the study on impacts of BIMP-EAGA on fisherfolk sector (A.C.Trinidad); NACFAR article published in Tambuli</p> <p>3rd Quarter: Participated in consultation workshop on impacts of BIMP-EAGA on fisherfolk sector (B. Francisco)</p>
Asian Social Institute	<p>2nd Quarter: lectured on "Philippine policies in fisheries: their implications to sustainable development", Binangonan, Rizal (B. Francisco)</p>
Asian Institute for Journalism and Communication	<p>3rd Quarter: Planned Press Conference re Fisheries Code (A.C. Trinidad; A. Flor)</p>
League of Municipalities	<p>2nd Quarter: Participated in DILG's in-house discussion on CRM issues (A.C. Trinidad)</p>

**HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES
1997**

PARTNER	COLLABORATIVE ACTION AND OUTCOME
	3 rd Quarter: Memorandum of Agreement signed to promote the widespread and sustainable application of coastal resource management in the Philippines (C. Courtney/B.P. Smith/A. Sia); participated in drafting of mechanics and guidelines for BEST CRM Award with PCAMRD, DENR - CEP, FRMP (A.C. Trinidad and B. Francisco)
Sangguniang Kabataan (SK), Cebu Provincial Chapter	2 nd Quarter: Lectured SK youth leaders on the role and importance of environmental education, information, and management (R. Pestaño-Smith)
Philippine Business for the Environment (PBE)	2 nd Quarter: Participated in the PBE-sponsored Environtech Exhibit in Cebu City. CRMP acquired a booth with the theme "Bring Back the Future, Manage our Coastal Resources" (R. Pestaño-Smith, A. Sia) 4 th Quarter: Discussed possible linkages with Phillipine Business for Social Progress to market various products made by coastal communities. Linkage is possible, but must be reviewed on a case by case basis (T. Easterling).
Institute for Small Farms and Industries (ISFI) Ateneo de Davao University	2 nd Quarter: In partnership with the Malalag and province of Davao del Sur, co-facilitated with ISFI three livelihood training activities and two communications training workshops (R. Pestaño-Smith, M. Van Steenwyk)
Sugbuanon Study Center	2 nd Quarter: As follow on to the SK Training workshop served as guest speaker to an information sharing activity among Cebu's young professionals and members of the church group, Opus Dei on environmental information and education (R. Pestaño-Smith)
Kalikasan Vigilante (Radio Veritas) Environment Caravan	1 st Quarter: Liason with coordinator of Environment Caravan on project's participation in caravan (A.C. Trinidad, S. Flor); participation with IMA representative (B. Francisco)
Kabang Kalikasan ng Pilipinas	2 nd Quarter: Discussed collaboration on project for Turtle Islands National Heritage Area (C. Courtney). 3 rd Quarter: Drafted MOA for KKP, DENR, CRMP collaboration on Turtle Islands project 4 th Quarter: Finalized MOA with KKP to collaborate on Sea Turtle tagging and monitoring activity in Turtle Islands. Discussed mutual work on Tubbataha Marine Park and Pamilacan Island and sharing of technical assistance on these areas (C. Courtney, A. White).
Earthsavers Movement	4 th Quarter: Conducted 2 hour lecture discussion with 200 students of the Earthsaver Movement under Senator Alvarez on the topic of coastal conservation and participatory management in Manila (A. White).
Philippine Self-help Foundation	4 th Quarter: Met with Self-help Foundation for possible micro-enterprise partnership in Sabang Olango Island (M. Portigo).
Feed The Children Foundation	4 th Quarter: Met with FTFC National Director Mr. Hercules Paradiang for possible collaboration for CRM activities in Pangapasan Island Bohol (A. White and E. Deguit); FTFC visited Negros LA and one staff attended PCRA orientation of the TMF staff.
Regional Fisherman's Training Center	2 nd Quarter: Lectured on marine ecology and CRM approaches during Training Course on Coastal Resource Management in Palawan (B. Francisco)
Philippine Council for Sustainable Development	1 st Quarter : delivered lecture entitled "Basic institutional and jurisdictional considerations for effective CRM planning" (B. Francisco) 2 nd Quarter: Lectured on basic institutional and jurisdictional considerations for effective CRM planning, Batangas City (B. Francisco)

**HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES
1997**

PARTNER	COLLABORATIVE ACTION AND OUTCOME
	3 rd Quarter: Discussed jurisdictional guidebook for CRM (B. Francisco)
Canadian International Development Agency	<p>1st Quarter: signed Memorandum of Agreement for collaboration in coastal resource management activities in Mindanao (C. Courtney); participated in environmental planning workshop (A. White)</p> <p>2nd Quarter: conducted meeting with CIDA regional representatives for detailed areas of collaboration (C. Courtney; B. Pestaño-Smith)</p> <p>4th Quarter: Met with the Project Officer for CIDA's Local Government Support Program (LGSP) to discuss possible areas of collaboration with CRMP. Also met with LGSP's Regional Manager for Region XI (Eastern Mindanao) to discuss their activities at Malalag Bay and Sarangani Bay and provided with regional planning documents for the Malalag Bay Association of municipalities, and the development strategy for the Provincial Agro-Industrial Center (PAIC) at Malalag Bay; met with CIDA's Project Director for its Entrepreneur Support Project to review their program at Digos, near Malalag, and at Cebu City; conducted follow-up meeting with the Project Manager for its Micro, Cottage and Small Enterprise Component in Cebu City to discuss possible collaboration at Olango Island for export handicraft items (T. Easterling); met with CIDA consultant Mr. Terry Duguid, to discuss the design of CIDA activities in coastal areas during 1998 and beyond in relation to the approach and coverage of CRMP (A. White); met with Ms. Eva K. Tan, LGSP consultant on possible tie-up for training and community participation (E. Deguit).</p>
Overseas Economic Cooperation Fund (Japan)	<p>1st Quarter: conducted consultation with design team for "Blue Fund" to identify areas of collaboration (A. White)</p> <p>2nd Quarter: meeting to discuss outcome of design team and leveraging funds for two CRMP learning areas (C. Courtney)</p>
Asian Development Bank	<p>1st Quarter : Met with Dr. Matsumoto, project officer of Mindanao Education Project and Secondary Education Development Project for possible collaboration in CRM modules development (C. Courtney, A. Flor)</p> <p>2nd Quarter: Conducted consultation with design team for Fisheries Resource Management Project (FRMP) to identify areas of collaboration; presented CRMP approach and identified areas of potential collaboration for regional programs (C. Courtney, A. White)</p> <p>4th Quarter: Met with ADB's Project Manager for the FRMP to discuss areas of collaboration in enterprise development. Further action is suspended until ADB's program gets underway in the second quarter of 1998; met with the Project Officer for the Western Visayas Agribusiness Development Project to determine possible areas of overlap with CRMP (T. Easterling); arranged together with Silliman University a 5 day study tour for six persons from China's National Oceanographic and Coastal Management agency funded by ADB (T. Bayer, A. White, C. Courtney, W. Ablong, Ma. Fe Portigo).</p>
Netherlands Embassy	2 nd Quarter: Discussed coastal resource management project design with Embassy consultant (A. White).
United Nations Development Program	<p>3rd Quarter: Discussions on possibility of CRMP Virtual Clearinghouse and Resource Center with IEMSD (Flor).</p> <p>4th Quarter: Met with the Program Manager for UNDP's Global Environment Facility to discuss UNDP's environmental program in the Philippines and to review possible areas of overlap, particularly for enterprise development (T. Easterling); presented invited paper on CRMP approach at international conference in Thailand sponsored by UNDP (A. Cruz-Trinidad)</p>
European Union	4 th Quarter: Discussed possible areas of overlap with EU's Southern Mindanao Agricultural Project (SMAP) - II that will be starting in late 1998; little overlap is expected (T. Easterling); met with SMISLE consultant, Dr. Rod Stern, to discuss the overall approach of

**HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES
1997**

PARTNER	COLLABORATIVE ACTION AND OUTCOME
	SMISLE to coastal management planning at the community and local government level (A. White); met with Helge Vogt, consultant to the European Union to discuss CRMP collaboration with a project to extend the efforts of CEMERINO which worked in Negros Oriental from 1994 through 1997 to another project which will cover Negros Oriental and Bohol and focus on mangrove management and marine sanctuary establishment and monitoring (A. White, E. Deguit).
UNESCO-DANIDA	3 rd Quarter: Follow up meetings to include San Vicente Palawan in its network of community radio stations. (A. Flor)
Australian Agency for International Development	4 th Quarter: Met with AUSAID's Program Manager and Program Officer for its Philippine-Australian Community Assistance Program (PACAP) to determine its relevance to coastal communities and potential collaboration with CRMP (T. Easterling).
Levi Strauss, Inc.	3 rd Quarter: Agreement to support youth leadership training modules on CRM and possibly the centennial coastal quilt project (A. Sia; C. Courtney; B.P. Smith)
Fuji Xerox	3 rd Quarter: Agreement to support selected printing projects of CRMP; provision of photo slides for use in CRMP exhibits, publications (C. Courtney; B.P. Smith; A. Sia)
Universal Aboitiz	3 rd Quarter: Agreement to support International Coastal Cleanup Day including provision of newspaper advertisements and streamers. Also agreed to finance printing costs of 2,000 copies of "Coastal Alert" coloring book. (C. Courtney; B.P. Smith; A. Sia)
Herma Shipping	3 rd Quarter: Agreement to support CRMP IYO activities as these pertain to information, education and social marketing activities (A. Sia). 4 th Quarter: Incorporation of IYO theme in all corporate gifts including calendars and t-shirts supporting "I Love the Ocean" (A. Sia).
Alegre Beach Resort	4 th Quarter: Assisted Alegre Beach Resort to monitor and plan for an improved coral reef sanctuary in relation to the surrounding community in Cebu (A. White).
Marine Colloid Products, Inc	4 th Quarter: Met with the President of MCPI, a seaweed processing company, and the Director of MCPI's Datingbayan Foundation, which provides technical assistance and training for seaweed growers, to discuss possible technical assistance and marketing linkages for coastal seaweed producers. (T. Easterling, M. Flores).
American Chamber of Commerce	3 rd Quarter: Agreement to use the Chamber's newsletter as a channel of information on CRMP / IYO activities (C. Courtney)
Petron Foundation	3 rd Quarter: Discussions are ongoing regarding the initiation of CRM activities in the province of Bataan to be led by Petron in partnership with the LGUs, private sector and academe as well as the sponsorship of an educational series for children coastal habitats and marine environment (C. Courtney; BP Smith; A. Sia)
Aklat Ardana	3 rd Quarter: Agreement to jointly produce a literary series for children on the Philippine maritime heritage and culture in partnership with Petron (C. Courtney; B.P. Smith; A. Sia)
San Miguel Corporation	3 rd Quarter: Participation in the International Coastal Cleanup (B.P. Smith; C. Courtney)
Bookmark	3 rd Quarter: Discussions are ongoing regarding partnerships in the development and production of publications and video documentaries (C. Courtney; B.P. Smith; A. Sia)
League of Corporate Foundations	3 rd Quarter: Discussions ongoing regarding possible partnerships; CRMP to present at monthly meeting of the League (C. Courtney; B.P. Smith; A. Sia)
GMA -Channel 7 - Cebu	2 nd Quarter: Provided information materials on CRM for inclusion in the station's radio and TV spots in observance of Environment month. With DENR Public Affairs Office, discussed possibility of a weekly environmental radio program with CRM as one of the regular features (R. Pestaño-Smith) 3 rd Quarter: Agreement to co-produce radio drama series (B.P. Smith)
ABS-CBN-GMA Channel 7, DXCB;	2 nd Quarter: Discussed possibility of information sharing and coverage of CRMP activities in Sarangani province (R. Pestaño-Smith; H. Cabangon)

**HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES
1997**

PARTNER	COLLABORATIVE ACTION AND OUTCOME
DXBB in Sarangani Province	
People's Television Network	3 rd Quarter: Memorandum of Agreement finalized to jointly implement a public education and social mobilization program on CRM which includes co-production of video documentaries and television "infomercials" (C. Courtney; BP Smith; A. Sia)
Environmental Broadcasters Circle	3 rd Quarter: Agreement on joint schools-on-the-air on CRM / radio forums (A. Flor)
Philippine Foundation for Rural Broadcasters	3 rd Quarter: Agreement on schools-on-the-air for Fisheries Coops (A. Flor)
Sun Star Daily	2 nd Quarter: Requested Environmental Reporter Liberty Pinili to cover Environtech CRMP exhibit and to cover Olango PCRA workshop; coverage published in Sun-Star Daily (R. Pestaño-Smith)
Catholic Media Network	3 rd Quarter: Discussions on nationwide schools-on-the-air using this network. (A. Flor)
MIMAROPA Regional Development Council	2 nd Quarter: Participated in MIMAROPA council meeting for CRM planning (B. Francisco)
Palawan Council for Sustainable Development	4 th Quarter: Assisted PCSD discussion and workshop in Puerto Princesa to come to a consensus on basic policies for the ECAN guidelines (A. White, B. Francisco).
Policy Component TWG (DENR, DA-BFAR, DILG, NGOs and POs)	3 rd Quarter: Convened Third Technical Working Group Meeting (C. Courtney; B. Francisco; A.C. Trinidad; C. Cimagala; H. Cabangon; W. Ablong)
Cebu International School	4 th Quarter: Presented three lectures to the class on Oceanography on coral reef conservation (A. White and Tom Bayer).

APPENDIX C

SUMMARY OF EXPENDITURES THROUGH DECEMBER 31, 1997

(USAID ONLY)