IAA QUARTERLY REPORT

U.S.G. Agency: Department of Commerce
Country: El Salvador
Report Period: July 1 – September 30, 2001
Agency Lead: Curtis Barrett

The following discusses Department of Commerce (DOC) activities and accomplishments for the referenced reporting period. The report is organized by county and further broken down by the problem areas identified in the DOC Implementation Plan (*U.S. Department of Commerce's Implementation Plan for Reconstruction Work in Central America*, July 1999). In addition, Result Indicators in this report are the Intermediate Results (IRs) referenced in the Office of Management and Budget (OMB) Hurricane Mitch Reconstruction Program Tracking System for the Department of Commerce and the Performance Indicators referenced in the DOC Implementation Plan. Where applicable, Mission SpO indicators are provided for reference.

A. DOC Problem Area: Base Infrastructure Reconstruction

Problem Area Objectives:

- Provide a foundation for ongoing reconstruction efforts
- Reconstruct and improve weather forecast and early warning networks
- Promote safe and efficient air and marine transportation
- Provide for a geo-spatial data and water level reference framework
- Ensure that capacity exists to maintain and expand new base infrastructure

B. DOC Activities:

--Reconstruct and improve geodetic networks
--Reconstruct and improve hydrometeorological data collection networks
--Reconstruct and improve tide stations

C. Results/Impact Indicators

OMB Intermediate Result

IR-1: The restoration and development of base geodetic and environmental monitoring infrastructure in Honduras, Nicaragua, Guatemala, and El Salvador

DOC Measures of Progress (Ref: DOC Implementation Plan)	Intermediate Result	Accomplished Previous Reporting Period	Accomplished This Reporting Period
Reconstruct and Improve Geodetic Networks	IR-1.1 Number of continuously operating reference stations (CORS) that are installed	N/A	*Future Activity. On schedule*
	IR-1.2 "Train the trainer" sessions held for US private contractors and US and Central America academic institutions	N/A	*Future activity. On schedule*
	IR-1.3 The number of first, Second, third order benchmarks That are installed	N/A	*Future activity. On schedule*
	IR-1.4 Training sessions held for In-country government agencies Responsible for surveys	N/A	*Future activity. On schedule*

Reconstruct and Improve Hydrometeorological Data Collection Platform/Telecommunications Networks	IR-1.5 The number of data collection platforms (DCPs) that are installed	N/A	N/A
	IR-1.6 The percentage of telecommunications network installed	N/A	N/A
	IR-1.7 The number of connections to other sensors, such as tide gauges, that are established	N/A	N/A
Reconstruct and Improve Tide Gauge Stations	IR-1.8 The number of tide stations installed	Station Installation at Acajutla.	
	IR-1.9 Training sessions held for in-country government agencies responsible for operating water level stations, assuring data quality, and providing sea level data.	Training during installation at Acajutla.	Regional Technical Training Workshop.

Cumulative accomplishments to date are not applicable at this time and will be provided with future quarterly reports.

Salvadoran Mission Intermediate Results Framework:

	NOAA Activity		
Mission Intermediate Result	Geodetic Networks	Hydromet Networks	Tide Stations
IR 1.1 Agriculture			
IR 1.2 Land Title			
IR 1.3 Infrastructure			
IR 3.1 Environmental Management			
IR 3.2 Preparedness			

Note: Matrix cells marked " " indicate direct support for the mission IR. Matrix cells marked " " indicate a supporting relationship. Blank cells indicate no relationship. In no case does a NOAA activity conflict or interfere with a mission IR.

Narrative Report

- Installation and Training at La Unión, El Salvador
- Installation and Training at Rio Lempa (La Pita), El Salvador
- Visit to Puerto Acajutla, El Salvador
- Troubleshooting
- Workshop Planning

Installation and Training at La Unión, El Salvador
A sea-level and meteorological monitoring and data dissemination system was installed at La Unión on the Gulf of Fonseca in August by staff from the Organization of American States, the Comité Regional de Recursos Hidráulicos, and the Instituto Geografico Nacional (IGN). IGN personnel were trained on the installation procedures and system operation and maintenance. A real-time monitoring system was installed at the Naval Base operations office.

Installation and Training at La Unión, El Salvador
A sea-level and meteorological monitoring and data dissemination system was installed on the Rio Lempa at La Pita by staff from the Organization of American States, the Comité Regional de Recursos Hidráulicos, and the IGN. This is a cooperative gage (with the U.S. National Weather Service) for deriving tidal constituents for accurate tidal predictions. A real-time monitoring system was installed at the CORDES (local NGO) office in San Carlos.

Visit to Puerto Acajutla, El Salvador
Staff from the Organization of American States, the Comité Regional de Recursos Hidráulicos, and the IGN visited the sea-level and meteorological monitoring and data dissemination system in Puerto Acajutla monitoring site (previously installed). They ran verification levels and corrected tide gage polarity.

Troubleshooting
The RONMAC Technical Coordinator and Assistant Technical Coordinator performed on-going troubleshooting activities for all of the stations. They were available to address questions and problems presented by the counterpart institutions and NOAA staff.

Workshop Planning
RONMAC will hold its second technical workshop the week of October 16-18, 2001 in Heredia, Costa Rica. RONMAC staff has been working on the logistical and technical aspects of this meeting.

Constraints and Problems

The Events of September 11, 2001
As a result of the terrorist attacks on September 11, 2001, many RONMAC activities planned for the second half of September had to be postponed. Shipping of equipment was also delayed.

Implementation and Effectiveness of Environmental/Disaster Mitigation Measures

E. Success stories/Vignettes

Technical Staff at the IGN have been serving as an useful resource for their colleagues in other RONMAC countries. This collaboration illustrates the success of the larger meteorological and sea level observation network that RONMAC is helping to establish.