

PRS92 Support Activities

PRS92 IEC goes full blast

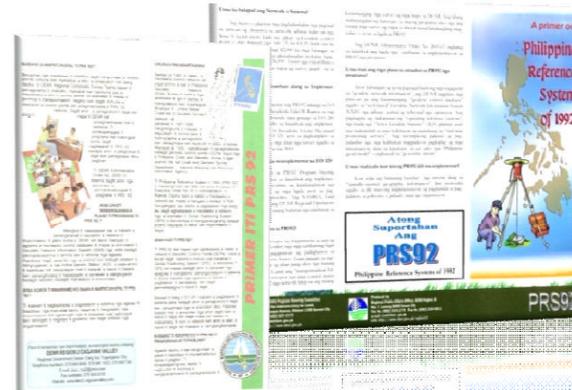
The Information, Education, and Communication (IEC) Task Group has gone full blast for the year 2007. It mobilized the DENR regional public affairs officers (RPAOs) to conduct various IEC activities in the region. Orientation on PRS92 and the “Adopt-a-Mojon” Program were conducted for local government units (LGUs) including the Regional Development Council, nongovernmental organizations, and the academe. There were television and radio broadcast interviews and spot plugs in local stations. In some regions, live discussions on PRS92 were made during *Pulong-pulong* and *Kapihan sa PIA* (Philippine Information Agency). PRS92-related news, media, and press releases were also published in national dailies and provincial newspapers. Posters, tarpaulins, brochures, leaflets, and flyers written in various dialects were also disseminated. The “Adopt-a-Mojon” Program was also successfully implemented with a total of 149 memorandums of agreement (MOAs) entered into between the DENR and the *mojon* adopters from the LGUs and the academe. LGUs also passed resolutions and enacted local ordinances in order to protect the *mojons*.



Radio plugs



MOA signing on “Adopt-a-Mojon Program” in Dapitan City



Printed materials

MOA signing with UP

NAMRIA and the University of the Philippines (UP) through the UP-Department of Geodetic Engineering signed a MOA entitled “Research and Development (R&D) in Support of the Implementation of PRS92.” The MOA was signed at the Melchor Hall of UP Diliman on 26 March 2008 by Administrator Ventura for NAMRIA and Chancellor Dr. Sergio S. Cao for UP. Both parties agreed to collaborate in the implementation of the following PRS92-related R&D activities: (1) establishment of national horizontal and vertical datum, (2) validation of geoidal heights, (3) comparative analysis of azimuth derived from GPS and astronomical observations, and (4) data buildup and transformation of cadastral maps and data.



MOA signing between NAMRIA and UP



This is the maiden issue of the PRS92 Newsletter. This quarterly publication chronicles the activities of the PRS92 project as divided into four major components, namely, (1) Geodetic Network Development, (2) Data Transformation and Integration, (3) Geodetic Network Information System, and (4) other supporting activities, such as Information, Education, and Communication and Research and Development. It aims to promote awareness of latest accomplishments and remaining tasks for the project.

NAMRIA hosts PRA for PRS92

NAMRIA hosted two separate Program Review and Analysis (PRA) gatherings for PRS92 activities, one at the NAMRIA Board Room on 10 March 2008 (for private contractors on densification of second-, third-, and fourth-order PRS92 points and first-order leveling), and the other at the New Horizon Oriental Hotel in Mandaluyong City on 12-13 March 2008 (for the regional offices of the Department of Environment and Natural Resources [DENR]).

Each PRA served as the venue for the presentation and evaluation of the respective 2007 accomplishments of the private contractors and the DENR. In both occasions, NAMRIA Administrator Diony A. Ventura enjoined all those concerned to complete their targets by March 2008. He thanked them for their contributions to accomplishing the 2007 targets of PRS92. Aside from the DENR Regional Technical Directors, the composite survey teams from the Land Management Services and Forest Management Services nationwide, the participants also included regional planning and budget officers.

A planning workshop for the DENR participants was also conducted on the second day of the gathering. Regional targets and financial plans for 2008 were presented and reviewed.



Administrator Ventura presents the PRS92 accomplishments and targets

The GND component

The upgrading of the old geodetic reference system of the country through PRS92 is envisioned to address the inconsistencies of various surveys, maps, and other geographic information in the Philippines. The Geodetic Network Development (GND) component of the project aims to upgrade the horizontal and vertical reference systems and ensure the reliability, completeness, and accuracy of PRS92 as a geodetic reference network. NAMRIA posted significant accomplishments for fiscal year 2007 under this component

which is further subdivided into: (1) densification of horizontal controls, (2) active geodetic network, (3) leveling network, (4) gravity network, and (5) tide station network.

The subcomponent to densify or upgrade the existing national geodetic network was fully completed. The established additional geodetic control reference points were connected to the hierarchy of accuracy standards and marked on the ground by monuments or *mojons*. They range from zero- to fourth-order of accuracy. The NAMRIA-established control points were mainly of the third-order of accuracy. Densification is the general responsibility of DENR through NAMRIA, the DENR-Land Management Bureau, and the DENR Regional Land Management Sectors.

The targeted sites for the six *Active Geodetic Stations* (AGS) were evaluated. Installation of equipment will follow.

	TARGET	MONUMENTED	SURVEYED	REMARKS
SECOND-ORDER	274	274 100%	274 100%	versus target / monumented
THIRD-ORDER	272	272 100%	272 100%	versus target / monumented

Densification of PRS92 geodetic controls by Global Positioning System

continued on page 3...

