



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF  
ENVIRONMENT AND  
NATURAL RESOURCES

FEB 23 2000

DENR SPECIAL ORDER  
NO. 2000- 179

SUBJECT: INSTALLING THE FOREST STOCK MONITORING SYSTEM (FSMS) NATIONWIDE AND ORGANIZING THE FSMS ADMINISTRATION GROUP AT VARIOUS LEVELS OF THE DENR.

In the interest of the service, and in order to facilitate the monitoring of timber harvesting, transport, and processing operations, as well as to install in all DENR field offices the database management systems for monitoring the forest resource stocks in natural and plantation forests within public and private lands, the *Forest Stocks Monitoring System (FSMS)* is hereby adopted, and shall be installed and maintained by all DENR offices concerned.

In order to administer the installation of the system, there is hereby organized the FSMS Administration Group at the Central Office and at all Regional Offices. These groups shall be composed of the initial batch of DENR staff who were trained on the operationalization of the Forest Stocks Monitoring System on 09-15 December 1999, to wit:

**National FSMS System Administration Group**

National Coordinator: Arleigh J. Adorable  
Asst. Director, FMB

Technical Advisory and Training Group:

- Noel Gacutan, OSEC
- Joey L. Salamina, OSEC
- Albino A. Belen, SAID-COI
- Peregrino S. Bagunu Jr., FMB
- Emma N. Castillo, FMB
- Napoleon B. Dalangin, FMB
- Ignacio M. Evangelista, FMB
- Genesis J. Francisco, FMB
- Aurea P. Lachica, FMB
- Vicente A. Sarmiento Jr., FMB
- Rene S. Siapno, FMB
- Christopher B. Kuizon, CARAGA
- Romeo L. Luengas, CARAGA

### **Regional FSMS System Administration Pointpersons**

- NCR Raymundo T. Tabuno
- CAR Rosita Y. Apilis
- Region 01 Romeo Z. Pernia
- Region 02 Teresita P. Rivera
- Region 03 Danilo P. Catacutan
- Region 04 Efren L. Buen
- Region 05 (to be designated by the RED)
- Region 06 White B. Gallego
- Region 07 Ma. Theresa V. Layese
- Region 08 (to be designated by the RED)
- Region 09 Victor A. Eslao  
Rolando Cimafranca
- Region 10 Liza B. Requina
- Region 11 Sotera R. Claver
- Region 12 (to be designated by the RED)
- CARAGA Romeo L. Luengas  
Leonardo M. Aya-ay

The National FSMS System Administration Group shall be based at the Forest Management Bureau (FMB). The operational resource-requirements of the Group shall be provided for by the FMB. The National FSMS System Administration Group shall have the following functions:

1. Supervise the installation and maintenance of the FSMS in all regional offices, PENROs, and CENROs which have production forests under their jurisdiction, or which are the entry points of unprocessed timber, either from domestic sources or imports. For purposes of the FSMS, production forests consist of natural forests and/or forest plantations, either in public or privately-owned lands.
2. Supervise the preparation and continuing updating of FSMS base maps for the use of both national and regional DENR offices.
3. Set up a continuing training program for DENR staff to manage and maintain the FSMS at all levels.
4. Develop means to tie-up the FSMS with the Department's telecommunications network in order to achieve effective, real-time, and secure FSMS data-interchange between DENR offices across the country.

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5. Organize a program for regular systems integrity and maintenance checks of the FSMS network, through the deployment of trained systems auditors and systems management staff.
6. Coordinate with other DENR units working on information and management systems development to ensure the seamless interfacing between FSMS and such other systems that are developed within the Department.
7. Coordinate with the Ecosystems Research and Development Bureau (ERDB) for the latter to undertake continuing growth and yield studies and related researches using the forest stocks databases generated by FSMS.
8. Within six months from the date of this Order, ensure that regular FSMS units have been organized and functioning at the FMB, in all regional offices, PENROs, and CENROs.

The FSMS at the regional offices shall be based at the Office of the ARED for Technical Services. The Regional FSMS Pointpersons, with the assistance of the National FSMS System Administration Group, shall be responsible for:

1. Organizing the FSMS units under the ARED for Technical Services in their respective regional offices, and in the PENROs and CENROs in their respective regions.
2. Advising the ARED for Technical Services on the operational resource-requirements of the FSMS within the Region.
3. Coordinating with the appropriate DENR units within the region for the preparation and provision of the needed base maps for the FSMS.
4. Coordinating with the National FSMS System Administration Group for training of Regional, PENRO and CENRO staff and for maintaining the system.

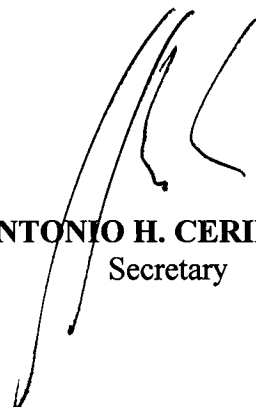
The on-ground activities for FSMS (mapping, UTM blocking, database initialization) shall be immediately put in place within the first semester of year 2000 in areas covered by timber harvesting operations. Effective upon approval of this order, no timber harvesting operations shall be allowed unless these are covered by the FSMS. All RED's concerned are instructed to allocate appropriate funds for its full implementation.

Within six months from the date of this Order, the National FSMS System Administration Group, through the Director, FMB, shall recommend a national action plan for putting all other production forests within the coverage of FSMS by year 2001.

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The National Coordinator shall submit a progress report to the undersigned thirty-days from the date of this Order, on the extent to which the FSMS has been installed and operationalized nationwide.

This **Order** takes effect immediately.



**ANTONIO H. CERILLES**  
Secretary

**RECOMMENDING APPROVAL:**



**ROMEO T. ACOSTA**

Director  
ENR-SECAL Program



**AL RASHID ISHMAEL, AL-HADJ**  
Director, FMB