

**Administrative Order
No. 51
June 1, 1990**

**SUBJECT: Guidelines in the Planning, Programming
and Implementation of the Field Network
Survey Project**

A. OBJECTIVES

A.1 GENERAL. The Budgetary Project, Field Network Survey Projects shall densify the National Geodetic Network, a primary functional responsibility of the National Mapping and Resources Information Authority (NAMRIA), thru the establishment of additional 2nd and 3rd Order geodetic control points to adequately satisfy the technical prerequisites of an efficient and effective Surveying and Mapping Program of the Department of Environment and Natural Resources on the regional level.

A.2 SPECIFIC OBJECTIVES. The Field Network Survey operations shall pursue the following specific objectives:

1. Take inventory, locate and document previously established geodetic control points and connect thereto all location monuments, political boundary monuments, benchmarks, aerial triangulation stations and all other engineering controlled survey reference points established by different agencies of the government and other reputable surveying organization;
2. Establish and locate provincial, city, municipal and barangay boundary monuments to define political jurisdictions and to settle boundary conflicts and disputes;
3. Establish project control of cadastral projects by administration and conduct field verification and inspection of project control establishment of cadastral project by contract;
4. Resolve locational and positional conflicts between previously surveyed municipalities and on-going cadastral survey of adjoining municipality;
5. Prepare, compile and maintain comprehensive and updated survey reference record files and corresponding index and base maps to

provide adequate reference information in the preparation of development plans; and

6. Provide the Regional Offices with survey assistance services upon request of concerned officials.

B. STRATEGY FORMULATION AND IMPLEMENTATION

1. The Undersecretary for Field Operations thru his Assistant Secretaries shall exercise direct administrative and technical management of the Field Network Survey Project in coordination with the National Mapping and Resources Information Authority (NAMRIA)
2. The Assistant Secretaries for Field Operations shall be responsible for the preparation of the Field Network Surveys Program in accordance with the National Plans and Programs of the Department of Environment and Natural Resources in consultation with the Regional Executive Directors and the Director of the Lands Management Bureau.
 - 2.1 The Assistant Secretaries thru the FNSP Area Supervisor shall be responsible for the implementation of the National Plans and Programs of the network control surveys to be undertaken by the Field Network Survey Parties in the different regions.
3. The Assistant Secretaries shall exercise direct technical and administrative control over the personnel of the Field Network Survey Parties.
 - 3.1 The appointment, assignment and transfer of personnel to the different Network Survey Parties shall be the full responsibility of the Assistant Secretary for Field Operations.
 - 3.2 The Regional Executive Directors may recommend the assignment of FNSP personnel for short period of time to other priority regional project subject to the approval of the Assistant Secretary on a case to case basis.
4. The Chiefs of the Field Network Survey Parties shall be responsible for the preparation of their Annual Program of Activities, Work Plans and corresponding Budgetary Requirements in consultations with the Regional Technical Directors for Land Management Sector which shall be submitted for review and approval to the Assistant Secretary for Field

5. The Regional Executive Director shall be responsible in providing the necessary budgetary and administrative support services in the field operations of the Field Network Survey Party.

C. IMPLEMENTING GUIDELINES

Soon after the Assistant Secretaries for Field Operations had organized the Field Network Survey Parties in their respective area of responsibilities in pursuance of the Reorganization Plan as per E.O. 192, the following implementing guidelines are prescribed.

1. The Chief of the Network Survey Party shall accordingly program his activities considering the following:
 - 1.1 Critical survey reference requirements for cadastral and other extensive area survey and mapping;
 - 1.2 Densification of existing and established triangulation network control system and connection of old reference points to the new national geodetic control network for adjustment purposes; and
 - 1.3 The relevant specifications and procedures contained in Special Publication Nos. 137, 138, 225, 237, 239, 247 (Manual for First Order Traverse, Reconnaissance for Triangulation, Geodetic Astronomy, Leveling and Triangulation) and the pertinent provisions of the Manual of Land Surveys in the Philippines (LAO No.4).
2. The Chief of Field Network Survey Parties shall submit the field survey returns consisting of preliminary computations, geodetic control network maps, and information of the instruments used and field methods adapted, officially endorsed by the Regional Executive Director, to the Land Management Bureau for final computation, adjustment, verifications and approval, thru the Assistant Secretaries.
 - 2.1 The Land Management Bureau shall furnish the Regional Offices concerned thru the Assistant Secretaries the pertinent approved survey returns document, copy furnished the NAMRIA.
3. The budgetary allotments of the FNSP shall be released to the Regional Offices which shall process and approve, salaries, maintenance and operations vouchers corresponding to the reimbursement of expenses of

FNSPs assigned to the Region in accordance to the prescribed accounting and auditing rules and regulations.

4. The Chiefs of Field Network Survey Parties shall submit monthly physical and financial accomplishment reports to the Assistant Secretaries and the Regional Planning Divisions thru the Regional Technical Directors for Land Management Service.

4.1 The Regional Offices shall incorporate the submitted FNSP reports into their periodic Regional Accomplishment Reports submitted to the Department Central Office.

4.2 The FNSP Area Supervisors shall prepare and submit consolidated Quarterly Performance Reports to the Undersecretary for Field Operations thru the Assistant Secretaries, copy furnished the Director of Land Management Bureau for his information and guidance.

D. This Order supersedes Lands Memorandum Order No. 361 Series of 1974, as amended, Lands Office Order No. 28 Series of 1976, Lands Office Circular No. 139 Series of 1987 and all other Orders inconsistent herewith.

E. This Order is for the good of the public service and shall take effect immediately.

FULGENCIO S. FACTORAN, JR.
Secretary

RECOMMENDING APPROVAL:

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