

GUIDELINES FOR ESTABLISHING A
TELEPHONE MAINTENANCE RADIO SYSTEM

1. GENERAL

1.01 This Section establishes procedures to be followed in the planning and engineering design stages of a Telephone Maintenance Radio System (TMRS).

1.02 This Section is issued to supersede and replace Section 400-200-901SW.

2. AUTHORIZATIONS

BASE STATION

2.01 Initial action to obtain a TMRS is started by originating a Planning Study and forwarding it to the Vice President-Network for approval.

2.02 The study should justify the need of a new TMRS or an addition to an existing TMRS. It should include the following pertinent information:

- (a) Sketch of the proposed initial TMRS configuration or sketch of the addition to an existing TMRS.
- (b) A list by titles of all proposed users of mobiles and pagers.
- (c) Proposed locations of base stations, control point consoles, antenna, etc.
- (d) Group who will maintain base stations, mobile units and control consoles.

2.03 After the study is approved, a frequency

coordination letter should be obtained. This letter should be attached as an exhibit to the Form 400 application and forwarded to the Assistant Vice President-Network Engineering for review. Section 400-531-101 gives instructions for obtaining the frequency coordination letter and preparing FCC Form 400.

2.04 Joint Practice 46 - IF, Paragraph 3.08 outlines the responsibilities of the Division Manager-Network Engineering for preparing the application for a radio station authorization.

MOBILE STATIONS

2.05 Application to obtain an authorization for a new mobile station is described in Section 400-531-101.

2.06 Applications for individual mobile units or pagers should be made on a Telephone Maintenance Radio Equipment Request Form SW-6163. Section 400-531-902SW describes Form SW-6163.

NOTE: Concession cards must be prepared for control circuits, telephone numbers, alarm circuits, etc.

3. FCC RULES AND REGULATIONS

3.01 It is mandatory to operate and maintain a TMRS in accordance with the latest FCC Rules and Regulations.

3.02 The following is a list of applicable FCC Rules and Regulations that should be maintained at the principal control point, alarm center, maintenance center, or transmitter location.

(a) Volume I, Part 17 (Construction, Marking and Lighting of Antenna Structures)

NOTE: Part 17 is necessary if structure is required to be lighted or painted.

NOTICE

Not for use or disclosure outside the Bell System except under written agreement.

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(b) Volume V, Part 90 (Private Land Mobile Radio Services)

3.03 Ordering information for the Rules and Regulations may be found in Section 400-500-100.