

**[ NTC MEMORANDUM CIRCULAR NO. 10-18-90,  
October 19, 1990 ]**

**RULES AND REGULATIONS GOVERNING PUBLIC REPEATER  
NETWORK SERVICES IN THE PHILIPPINES**

Pursuant to the provisions of Act No. 3846, as amended, Act No. 146, as amended, known as the Public Service Act, and Executive Order No. 546 dated 23 July 1979, the National Telecommunications Commission hereby promulgates the following rules and regulations governing Public Repeater Network Service (PRNS) in the Philippines.

**1.0  
Purpose**

1.1 To establish rules and regulations for the authorization, installation, operation and maintenance of public repeater networks in the Philippines, and to establish the technical requirements for the operation and maintenance thereof.

**2.0  
Definition of Terms**

2.1 **Public Repeater Network.** A public radio communications system offering radio repeater services for the use of the general public at rates authorized by the Commission.

2.2 **Public Repeater Network Service.** A service provided by a public repeater network grantee-operator.

2.3 **Shared Repeater Service.** A kind of public repeater network service wherein a group of users share a common communication path.

2.4 **Trunked Repeater Service.** A kind of public repeater network service wherein a large number of subscribers share a group of communication path.

2.5 **Repeater Station.** A fixed radio station established for the automatic retransmission of radio signals received from one or more mobile station/s on one frequency and directed to mobile station/s on another frequency or vice-versa.

2.6 **Mobile Station.** A station in the land mobile service capable of surface movement within the geographical limits of a country and intended to be used while in motion or during halts at unspecified points/locations.

2.7 **Portable Station.** A mobile station in the land mobile service which can be operated alternatively as a land mobile station if mounted on board a motorized vehicle or a portable station if carried in person.

**2.8 Porta-mobile Station.** A mobile station in the land mobile service which can be operated alternatively as a land mobile station if mounted on board a motorized vehicle or a portable station if carried in person.

**2.9 Radio Station.** A radio installation consisting of a separate radio transmitting and receiving apparatus or combination of a radio transmitting and/or receiving equipment including antennas and other accessory equipment required for carrying on a definite radio communications service.

**2.10 Franchise.** A particular privilege conferred by a grant from the government/congress and vested in an individual, partnership, or corporation.

**2.11 Certificate of Public Convenience and Necessity (CPCN).** A an authority from the Commission granted to an applicant legally qualified in accordance with the constitution and Public Service Act, as amended, for the operation and/or provision of public services within the Philippines where the Commission finds justification that the operation or provision of the public service will promote the public interest in a proper and suitable manner.

**2.12 Commission.** The National Telecommunications Commission.

### **3.0 Authorization, Permits and Licenses**

**3.1.1** No person, corporation, association or entity shall be allowed to install, operate and maintain a Public Repeater Network in any part of the country without first obtaining a valid franchise from the Congress of the Philippines and the corresponding Certificate of Public Convenience and Necessity issued by the Commission after due notice and hearing.

**3.1.2** No person, corporation, association or entity may apply for a Certificate of Public Convenience and Necessity to install, operate and maintain a Public Repeater Network without sufficient capital at the minimum to cover the cost of the facilities and equipment necessary to provide efficient and reliable services, without having sworn substantial proof of economic viability of proposed operations; without legal and technical capability to provide the service.

**3.1.3** The Commission shall continuously update the required minimum amount of capitalization based on current or prevailing costs.

#### **3.2 Scope of Authorization\***

**3.2.1** The grantee of CPCN to operate a public repeater in any of the following services:

**3.2.1.1** Shared Repeater Service as defined in 2.3 of this Circular.

**3.2.1.2** Trunked Repeater Service as defined in 2.4 of this Circular.

3.2.2 The operator of PRNS may be allowed to offer its subscribers the following classes of stations:

- a. Portable Stations
- b. Porta-Mobile Stations
- c. Mobile Stations

### 3.4 *Permits and Licenses*

3.4.1 No permit to purchase, a permit to possess and construction permit, or a station license shall be issued to an applicant for a public repeater network service without first obtaining a CPCN from the Commission.

3.4.2 No person, corporation, association, or entity shall be allowed to install, operate and maintain a public repeater network without first obtaining the following permits from the Commission:

3.4.2.1 Permit to Purchase prior to the acquisition of the required radio equipment for repeater station.

3.4.2.2 Permit to Possess and Construction Permit prior to the construction or installation of the repeater station.

3.4.2.3 Station License prior to the operation of the repeater station.

3.4.3 All subscribers' radio stations shall be covered by permit to purchase/possess issued in the name of the owner.

3.4.4 No construction permit, station license, or any rights thereunder shall be transferred, assigned or disposed of in any manner to any person or entity except upon application with and approval by the Commission.

3.4.5 All radio stations shall be operated in accordance with the provisions of the license and certificate issued by the Commission.

## **4.0 Technical Standards**

4.1.1 The following requirements shall apply to the operation of a public repeater network:

4.1.1 **Frequency** – The Commission shall assign the required frequency(ies) to a PRNS grantee-operator's repeater station with the following frequency bands:

VHF (HIGH) BAND .. 244.0 – 267.0 MHz

- |          |   |           |      |
|----------|---|-----------|------|
| A. 244.0 | - | 246.0 MHz | (TX) |
| 247.0    | - | 249.      | (RX) |
|          |   |           |      |
| B. 250.0 | - | 252.0 MHz | (TX) |
| 253.0    | - | 255.0     | (RX) |