

[NTC MEMORANDUM CIRCULAR NO. 7-6-98, June 25, 1998]

**AMENDMENTS TO MEMORANDUM CIRCULARS 2-1-97 AND 1-1-98
AND PROVIDING ADDITIONAL LICENSING GUIDELINES AND
PROCEDURES FOR SHORT RANGE RADIO SERVICE (SRRS)**

Pursuant to the provisions of Republic Act No. 7925, Act No. 3846 as amended, Executive Order No. 546, and other applicable laws, the Commission hereby promulgates the following guidelines and procedures in the licensing of portable radio transceiver in the short range radio service:

A

Definition of Terms

For the purpose of this Circular, the following terms are defined hereunder:

1. **Short Range Radio Service (SRRS)** — a private radio communication system in the Land Mobile Service limited to portable transceiver for short range communications.
2. **SRRS Special Permit** — an authority issued by the National Telecommunications Commission to individuals and/or entities for the possession and operation of a radio station under the Short Range Radio Service.
3. **Type Acceptance** — a certification issued by the Commission for SRRS radio equipment upon compliance with the SRRS Technical Standards and Specifications set forth in Attachment A of this Circular and where equipment has already been type approved by an administration whose certification is acceptable. This process does not require laboratory testing and issuance is based on the type approval certificate issued by the administration whose certification is acceptable and test reports issued by the competent authorities/administrations.
4. **Type Approval** — a certification issued by the Commission for SRRS equipment complying with the Technical Standards and Specifications set forth in Attachment A of this Circular. This process requires laboratory testing.
5. **Portable unit** — *a handheld unit which may be conveniently moved from place to place or personally carried and be operated while in motion or during temporary halts.*
6. **Repeater or relay system** — *station that receives a signal and retransmit it from a remote location.*

B

Technical Parameters

1. The frequencies channels allocated for SRRS are on shared usage and Non-Interference Basis.
2. The use of linear amplifier/booster and external antenna for SRRS is strictly prohibited.
3. The radio equipment for SRRS shall comply with the following:
 - a. Fixed and non-extendable frequency voice emission.
 - b. *Portable station shall only have a maximum transmitter power output of 2.5 watts.*
 - c. Frequency modulated utilizing voice emission.
 - d. Duly type approved/accepted by the Commission.
 - e. *Fixed or non-standard fitting type antenna.*
4. The frequency band allocated for SRRS shall be 325.0000 - 325.4875 MHz using 12.5 KHz channeling plan.
5. The technical specification of the radio equipment shall conform with the Technical Specification in Attachment -A of this Circular.
6. Any radio transceiver that meets the technical specification of SRRS shall be allowed under this service, after having been type accepted/approved by the Commission.
7. *Data communication is prohibited.*
8. *Interconnection to the Public Switch Telephone Network (PSTN) is prohibited.*
9. *The use of external repeaters or relay system is not allowed.*
10. *The NTC Licensing Guidelines and Procedures for Short Range Radio Service (SRRS), SRRS Information Sheet (see Annex C), as well as the general rules and etiquette in the proper radio usage shall be incorporated in the Equipment Manual.*

C

Application for Type Approval/Acceptance

1. Type Acceptance

Applicants are required to submit a duly accomplished type acceptance application form together with the following items:

- Type acceptance fee
- Certified copy of the type approval certificate from an

administration/authorities whose certification is acceptable together with a certified copy of the test results.

- Full technical/service documents giving detailed description of the equipment's technical specifications, method employed in testing the equipment, schematic diagrams, board components layout, and components parts list.

- Color photograph of the equipment, in sufficient size (not less than 20 cm x 25 cm.), to show clearly the equipment's external and internal (with dust cover removed) appearance.

2. Type Approval

Applicants are required to submit a duly accomplished type approval application form together with the following items:

- Type approval fee

- Model or prototype of radio transceiver to be type approved (with test accessories)

- Full technical/service documents giving detailed description of the equipment's technical specifications, method employed in testing the equipment, schematic diagrams, board components layout, components parts list.

- Color photographs of the equipment, in sufficient size (not less than 20 cm. x 25 cm.), to show clearly the equipment's external and internal (with dust cover removed) appearance.

3. Application forms shall be secured from the Commission.

4. *Markings*

A tamper proof label as specified in Annex B.

D

Importation of Radio Equipment

1. A permit to import and a corresponding special permit number for each units of SRRS shall be granted only to NTC authorized radio dealer upon filing of application and the payment for permit to import and the Special Permit fee per SRRS radio equipment.

A Special Permit fee per SRRS unit shall also be paid and be issued a corresponding special permit number for each SRRS radio equipment to be manufactured locally.

2. All radio dealers and manufacturers shall submit to the Commission a regular sales and stock report for SRRS which shall include the serial number and corresponding special permit number per unit of all imported and/or locally manufactured SRRS radio equipment.

3. *A manufacturer of SRRS radio communications equipment, foreign or local,*

shall be accredited by the NTC to ensure compliance with the rules and regulations of the Commission.

4. *No Authority to Import shall be issued to dealers if the source of the equipment is not from an NTC accredited manufacturer.*

5. *Manufacturers of SRRS equipment shall comply with the Special Permit Number assigned by the NTC.*

E

Licensing, Collection and Type Approval/Acceptance Fees

1. A one time special permit fee of One Thousand pesos (PHP 1,000) per SSRS unit shall be collected upon application from NTC authorized radio dealers in accordance with Section D-1 above.

2. Any SRRS radio transceiver purchased from any authorized radio dealer shall be issued with a corresponding SRRS special permit number per unit issued by the Commission which shall serve as the SRRS Special Permit.

3. Type Approval

Filing Fee	PHP 150.00
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Laboratory Fee	5,000.00
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Certificate fee	1,200.00
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4. Type Acceptance

Filing Fee	PHP 150.00
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Certificate fee	1,200.00
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5. The issuance of SRRS Special Permit shall be at the NTC Central Office (RRLD) unless otherwise modified by the Commission.

6. The Dealer shall submit to NTC the original copy of the SRRS Information Sheet together with the Sales and Stock Report.

F

Administrative Sanction

Any person and/or entity who shall purchase, possess and/or operate an SRRS radio equipment without SRRS special permit or sell SRRS radio units without being an NTC accredited radio dealer and fails to submit the regular registration of their sales and stock report, shall be dealt with in accordance with the existing Radio Laws and Regulations.

G

Effectivity

This Circular shall take effect 15 days after publication and may be revised, revoked or amended, in the interest of public service and as determined by the Commission.

Any circular, order or Memorandum which is inconsistent herewith is deemed superseded.

Adopted: 25 June 1998

(SGD.) FIDEL Q. DURLAO
Acting Commissioner

(SGD.) CONSUELO S. PEREZ
Deputy Commissioner

(SGD.) TEODORO Y. YABES
Deputy Commissioner

Attachment A

Technical Standards and Specifications of Radio Transceivers in the Short Range Radio Service (SRRS) in the Philippines

1

General Requirements

1.1 Scope of Specification

1.1.1 This specification prescribes the minimum requirements for the type approval of the multi-channel portable radio for localized communications (Short Range Radio Service).

1.1.2 For equipment covered by this specification, the maximum transmitter output power allowed shall not exceed 3 watts and the nominal carrier frequency separation between adjacent channels shall be 12.5 kHz.

1.2 Frequency Band — The equipment shall be designed to operate on the frequency band 325.0000 to 325.4875 MHz.

1.2.1 The 40 single-frequency channels listed in Annex A are allotted on a shared use basis. The radio must not be capable of operating on any frequencies other than those provided in this specification.

1.2.2 No radio shall be type approved or type accepted if it is capable of being user or dealer altered to operated on frequencies other than those provided in this specification.

2

Markings

The equipment shall have external and internal markings as specified in Annex B.