



TELECOMMUNICATIONS REGULATION CIRCULAR

IMPLEMENTATION OF RADIO STANDARDS SPECIFICATION
119 AND AMORTIZATION OF EXISTING LAND AND MOBILE
VHF/UHF EQUIPMENT TYPE-APPROVED IN ACCORDANCE
WITH RADIO STANDARDS SPECIFICATIONS 105, 126
AND 139

EFFECTIVE DATE : SEPTEMBER 1, 1979

TELECOMMUNICATION REGULATORY SERVICE

FOREWORD

Telecommunications Regulation Circulars are issued from time to time to provide information to those engaged in telecommunications in Canada. The content of these circulars is subject to change at any time in keeping with new developments.

Issue 2 of TRC-44 supersedes Issue 1, dated December 15th, 1978 and is intended to reflect the arrangements that have been made to renumber and to re-list in the Radio Equipment List, equipment type-approved under Radio Standards Specifications 105, 126 and 139 between December 15th, 1976 and December 15th, 1978. Paragraph 6 e) has been expanded to include this information.

Also, paragraph 11 of this issue describes the departmental requirements with regard to the listing in the Radio Equipment List of equipment type-approved under Radio Standards Specifications 105, 126 or 139 and subsequently modified.

IMPLEMENTATION OF RADIO STANDARDS SPECIFICATION 119
AND AMORTIZATION OF EXISTING LAND AND MOBILE VHF/UHF EQUIPMENT
TYPE-APPROVED IN ACCORDANCE WITH RADIO STANDARDS
SPECIFICATIONS 105, 126 AND 139

1. Radio Standards Specification (RSS) 119, Issue 1, entitled "Land Mobile Stations: Primarily Voice Modulated FM or PM Radiotelephone Transmitters and Receivers Operating in the Allocated VHF/UHF Bands in the frequency range 27.41 to 470 Megahertz" is released in final form. The Release Date of RSS 119 is December 15, 1978 and the Effective Date is December 19, 1980.
2. Equipment type-approved under this specification will be listed in Part A-31 of the Radio Equipment List and may be licensed for use in Canada in accordance with the provisions of the Radio Act. Type-approvals may be granted after the Release Date of the Specification in final form.
3. Applicants for type-approval of radio equipment under this specification must submit complete test data and documentation in accordance with Radio Standards Procedure 100. Type-approval of equipment will not be granted until all requirements for documentation are complied with.
4. After the Release Date of RSS 119, no further type-approvals will be granted under Radio Standards Specifications 105, 126 and 139. However, those equipments already approved, or for which application for approval has been received by the Department prior to the Release Date, may be used in new installations until the Effective Date of RSS 119.
5. After the Effective Date of RSS 119, all new installations, except those covered by paragraph 7, proposing the use of VHF/UHF primarily voice modulated FM or PM equipment must use equipment that is type-approved under this specification or the existing specifications RSS 120 and 121 that are applicable for lower power equipment of 3 and 10 watts maximum, respectively.
6. Equipment that is presently approved for use under RSS 105, 126 and 139 may be approved under RSS 119 with the following provisions or it may be re-listed as stated in Paragraph 6 e):
 - a) The holder of the current type-approval under RSS 105 or 126 or 139 will have to submit for type-approval, under RSS 119 and Radio Standards Procedure 100, in the usual manner.

- b) It will be sufficient for the holder of the current type-approval to present the test results as previously submitted to the Department for type-approval purposes, supplementing the results as required, to show compliance with RSS 119 in the test report.
- c) Where test methods vary between the old specifications and RSS 119, and compliance with RSS 119 on such parameters cannot be proven clearly by numerical conversion, the results of measurements of such parameters using the test methods as in RSS 119 should be submitted.
- d) In the case of the value of receiver selectivity associated with off-set channels, it will be sufficient to present the overall selectivity curves to determine acceptability of the test results.
- e) Equipment originally type-approved under RSS 105, RSS 126, and RSS 139 after December 15, 1976 will be transferred to part A-31 of the Radio Equipment List on requests received before December 15, 1980 and such equipment will be granted equal licensing privileges as equipment type-approved under RSS 119. Equipment so affected will be assigned RSS 119 type-approval numbers with the suffix letter "X", to indicate that they are transferred numbers.
7. Technical Acceptance: Radio equipment which does not comply completely with the requirements of RSS 119 will be considered for Technical Acceptance in accordance with Radio Standards Procedure (RSP) 103, using RSS 119 as a guide for test and evaluation purposes insofar as RSS 119 is applicable.
8. Installations that are licensed prior to the Effective Date of RSS 119, using equipment type-approved under RSS 105, 126 and 139 and consequently listed in Parts A-20, A-7 and A-15 of the Radio Equipment List, will continue to be licensed for the duration of an amortization period that will end ten (10) years after the Effective Date of RSS 119. Until the termination of the amortization period, such equipment shall be eligible to qualify for licensing as type-approved equipment and may be licensed or re-licensed subsequent to any change of ownership and/or change of location providing no compatibility problem arises from whatever cause to existing, new, or proposed installations and providing all other licensing criteria are met.
9. Ten (10) years after the Effective Date of RSS 119, all installations will be required to use equipment that is type-approved in accordance with RSS 119 and all type-approvals granted under RSS 105, RSS 126 and RSS 139 will be cancelled.

10. Further, all installations utilizing equipment which was approved for wideband operations prior to the splitting of the channels, which resulted in the current channel spacings of 20, 25 and 30 kilohertz, shall be removed from service on the next anniversary date for licence renewal after the Effective Date of RSS 119.
11. Minor modifications may be made to equipment previously type-approved under RSS 105, 126 or 139 and application may be made for the retention of the type-approval and multiple listing subject to the following:
 - a) For equipment type-approved prior to December 15, 1976:

Where supplementary test reports are required, testing shall be according to the Standard used for the original type-approval.
 - b) For equipment type-approved after December 15, 1976 and prior to December 15, 1978:
 - 1) For equipment not transferred to Part A-31 of the Radio Equipment List:
 - Where supplementary test results are required, testing shall be according to the Standard used for the original type-approval. In this instance, the right to transfer such modified models to Part A-31, under Paragraph 6 e), will be waived.
 - 2) For equipment transferred to Part A-31 of the Radio Equipment List:
 - Where supplementary test results are required, testing shall be according to the requirements of RSS 119.

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Service