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Gouvernement du Canada Ministère des Communications

OVERVIEW OF THE GRS

LICENSING SYSTEM

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June 1979

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Service de la Règlementation des Télécommunications

GENERAL RADIO SERVICE

OVERVIEW OF THE GRS

LICENSING SYSTEM

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#### INTRODUCTION

This report has been prepared to assist the Treasury Board in obtaining an overview of the General Radio Service, the background, and its current status. This report reviews the work by the Department of Communications on the development of a General Radio Service computer based licensing system. Included in this report are: background, a review of the program objectives, work plan evolutions, current status and future direction.

This report has been prepared in the format of the STOP technique, a methodology for presenting a "sequential thematic organization of publications", thus enabling periodic updating.

## GRS COMPUTER BASED LICENSING SYSTEM

## MAJOR MILESTONES

1.	Department of Communications submission to Treasury Board for a pilot project in Pacific Region to evaluate a GRS computer based licensing system.	
2.	Approval by Treasury Board of above submission conditional on studies of alternatives.	June 23, 1977
3.	BMC report "GRS Alternative Licensing Systems".	Oct. 20, 1977
4.	Woods, Gordon & Co. report "Prospect and Band Management Strategy".	May 12, 1978
5.	Treasury Board approves transfer of funds into fiscal year 1978/79 and work on pilot project begins in earnest.	May 1978
6.	Pilot Project cutover. GRS licences issued by pilot and no longer by district offices.	Feb. 1, 1979
7.	Evaluation of Pilot Project.	April, May 1979

## 1.0 Background

The General Radio Service (G.R.S.) was introduced in Canada in 1962 as a low-cost short-distance communications service. Its growth, from its inception to the early 1970's was fairly slow, rising from 13,500 licences in 1962/63 to 113,000 in 1974/75. In March 1979 there were some 951,849 licences. The number of GRS licences represent 70% of all licences issued by the Department of Communications. (DOC.)

#### 1.1 What is GRS?

GRS is a low cost short distance communications commonly known as Citizen Band Radio (or C.B.). It provides personal and business two-way communication between any of the following combinations: homes, autos, boats, recreational vehicles, trucks, etc.

In Canada, the GRS had been allocated 22 channels within the frequency band 26.960 to 27.230 MHz with one of these channels utilized for distress and calling purposes. On April 1, 1977 the number of channels was increased to 40 and the frequency band was expanded upwards to 27.410 MHz. Each allocated channel in this range is available to all licensees in this service and no particular channel is assigned for exclusive use by any one applicant. The permissable radio frequency power is limited to 4 watts and the operation is limited to the extent of ground wave propagation which is typically of the order of 5 to 15 miles. In view of the popularity of this means of personal communications and also as a way of reducing the interference problems to other established services both the DOC and the Federal Communications Commission are currently considering other frequency bands for the operation of similar personal communications.

The uses of GRS are as broad as the imagination of the general public and the ingenuity of equipment manufacturers.

It is utilized by department stores, dairies, laundries, and by other business organizations to communicate with delivery trucks. It is an aid to large industrial plants, construction projects, and farms for communication with trucks, tractors and other mobile units. It is used aboard pleasure and commercial craft on rivers and in harbours, and by sportmen and explorers to maintain contact for safety and other purposes. It is used as an urban and rural party-line as a means of intercommunication to provide general information on highway travelling conditions and mutual interest items.

Radio equipment for this service can now be purchased for approximately \$100 and is advertised nationally by Radio Shack, Canadian Tire and Simpson-Sears. Unlike other home electronics devices GRS equipment includes a radio transmitter as well as a receiver.

#### 1.2 Large User Population

The number of licensed GRS sets outnumbers all other DOC licence categories by more than two to one.

The following table indicates the GRS licences in force in Canada at the end of various fiscal years.

TABLE 1	GRS	LICENCES	IN	FORCE	ACROSS	CANADA	

At end of fiscal year	No. of licences in force
1962/63 1964/65 1973/74 1974/75 1975/76 1976/77 1977/78 1978/79	13,500 36,000 85,000 113,000 190,000 491,651 810,576 951,849
	, 0 , ,

### 1.3 Licensing Aspects

The legal requirements for an applicant to obtain a licence are:

- (1) the applicant must be a Canadian citizen or landed immigrant aged 16 and over.
- (2) the equipment must be type-approved for use in Canada by DOC.
- (3) the applicant is not subject to a legal action concerning the operation of a radio station.

All General Radio Service Stations (except low-power units below 100 milliwatts) must be licensed through the Department of Communications. Each GRS set requires a licence.

GRS licences normally are valid for a maximum of three years to persons over the age of sixteen years. The current fee for a GRS radio station licence is \$13.50 for three years, payable at the time of application. Federal and provincial departments and agencies are exempt from the \$13.50 fee.

If the GRS set is still in possession after three years the licence must be renewed. The DOC notifies the licensee that the licence must be renewed just prior to expiration.

A GRS station licence authorizes the licensee to establish and operate a mobile radio station in any vehicle, aircraft or boat registered or licensed in Canada or a base station at a fixed location within Canada, or while carried on the person (walkie-talkie).

No GRS equipment may be installed or operated in Canada without a licence from the Minister of Communications. It must also be type-approved by the Department.

Owners or operators of unlicensed stations are subject to prosecution and forfeiture of their equipment. Upon conviction, an owner is liable to a fine of up to \$2,500 and costs or to imprisonment for a term not exceeding 12 months.

#### 2.0 The GRS Licensing Process

Applications for new licences and renewals are received from the public with the associated fees. Each new application must be analyzed to ensure it meets the regulations of the radio act prior to issuance of a new licence. A renewal notice is sent to a licensee prior to expiration. In turn the licensee returns the renewal notice with the necessary fee. The Treasury Board finance regulations must be met and the necessary record keeping must be carried out. In addition queries from the public must be handled, special procedures required when an antenna structure is required, and DOC authorization provided to U.S. citizens having class D CB radio licences travelling in Canada.

#### 2.1 Licences for new applications

Licences for new applications are issued if they meet the conditions of the radio act and are accompanied with the necessary fee.

The licence application is generally previously packaged with the set. Upon purchase of the set the applicant fills in the licence application form and forwards it to the DOC. The licensing process must:

- Ensure that the conditions of the Radio Act are fulfilled and the application is accompanied with the necessary fee.
- 2) If the above condition is met a unique call sign is given to the licensee which appears on the licence and the departmental records. The call sign is based on the address of the licensee in relation to the DOC district office boundaries.
- A licence is issued and the necessary record keeping, filing and audit trails are carried out.

#### 2.2 Renewal of Licences

Licences are normally valid for 3 fiscal years and prior to expiration a renewal notice is sent. The user will return the renewal notice with the necessary fee. Upon receipt of the renewal notice and the fee the department renews the licence for three years.

GRS licences are normally valid up to three fiscal years and expire on the third March 31 following the issuance of a licence. The Radio Regulations however do permit the issuance of a licence on an annual basis if desired. Prior to expiry a licensee is notified by DOC that his licence is about to expire. Upon receipt of the above notice the licensee sends \$13.50 with the renewal notice to the department to renew his licence. When the request for renewal is received the licensing process must:

- 1) Check that the departmental records corresponds with the renewal application.
- 2) Issue a licence if the records are in order and the application is accompanied with the necessary fee.
- 3) The same call sign is kept if the address of the licensee has not changed outside the District Office boundary previously assigned; otherwise, a new call sign must be issued.
- 4) The licence is issued and the necessary record keeping, filing and audit trails are carried out.

## 2.3 Financial regulations as set out by Treasury Board must be met.

Since large amounts of moneys are collected (more than 3 million dollars for fiscal year 1978/79) the financial regulations as set out by the Treasury Board must be met.

The major financial procedures developed in order to meet the financial regulations are:

- (1) Detailed daily procedures requiring the preparation of cash books, deposit slips and the use of a controlling device, the cash register.
- (2) The mail must be opened in the presence of at least two people.
- (3) Each cheque or money order must be stamped in the back with the "restrictive endorsement stamp".
- (4) Monies must be deposited into the Bank of Canada the day after the mail has been opened.

## 2.4 Accurate record keeping is Required

Accurate record keeping is required since large amounts of monies are collected and the data is used for enforcement and for assistance in resolving interference problems. The records are used to generate a renewal notice prior to the licence expiring. Records must be updated continuously since an estimated 8% of the Canadian population moves yearly.

#### 3.0 Prime Objectives of a GRS Licensing System

The prime objectives of a GRS Licensing System is to efficiently process the issuance of licences and maintain appropriate records. The objectives are divided into two parts: Quantifiable and Non-Quantifiable Criteria.

### 1) Quantifiable Criteria

The quantifiable criteria consists of three items:

- 1) Cost-effectiveness
- 2) Man-year levels for authorization
- 31 Level of Service

#### 21 Non-Quantifiable Criteria

The non-quantifiable criteria consists of four items:

- 1) Enforcement support
- 2) Growth potential
- 31 Ease of adaptation to changes
- 4) Other intangible benefits

The prime objectives of a new GRS licensing system are outlined in the document "GRS Pilot Project for Pacific Region General Design Document", section II-8. The following section is based on the above document. The basis of evaluation is to compare the proposed computer based licensing system with the existing manual system. However, the criteria can be applied to any alternative licensing system compared with the existing system.

The Evaluation Criteria for an alternative licensing system follows and is divided into two parts, quantifiable and non-quantifiable criteria.

#### A. Quantifiable Criteria

#### (1) Cost Effectiveness

The alternative system must issue GRS licences and control the records at minimum costs when compared with the Existing System. Total costs of the two systems must be compared.

#### (2) Man-Year Levels for Authorization

The alternative system should utilize substantially less man-year levels for authorization compared to the Existing System for given volumes. Man-year growth should not increase proportionally as fast as volumes. It should be noted that man-year levels refers to the levels of manpower required to issue licences. These man-years should not be limited to permanent or term positions.

#### (3) Level of Service

A satisfactory level of service must be provided to the public.

#### B. Non-Quantifiable Criteria

#### (1) Enforcement Support

The Alternative System should demonstrate new enforcement support tools at an equal to or better than the Existing System.

#### (2) Growth Potential

The Alternative System must not break down with increasing volumes of licences to be processed for a period of at least 5 years from complete cutover.

#### (3) Ease of Adaptation to Changes

The Alternative System must be able to meet changes in legislation or regulations without major problems.

#### (4) Intangible Benefits

The Alternative System should demonstrate a number of intangible benefits such as:

- a) The capability to efficently issue GRS notices to GRS users holding valid licences.
- b) The capability of making reports based on the data captured such as statistical, financial and enforcement reports.
- c) The capability of issuing more than one renewal notice and a list of not yet renewed licences.

#### 4.0 Alternative Licensing Systems Examined

On June 23, 1.977 Treasury Board approved a submission for a pilot project subject to two separate studies. The first study was conducted by the Bureau of Management Consultants (B.M.C.) and was completed in October 1977. The second study was conducted by Woods, Gordon and Company and was completed in May 1978.

#### 4.1 The BMC Study examined four alternative licensing systems:

- 1) The Existing System
- 2) The Improved System
- 3) Mail-In System (computer based licensing system)
- 4) The Point-of-Sale System

At the end of June 1977, the Department of Communications (DOC) asked the Bureau of Management Consulting to carry out a study of the cost-effectiveness of some alternative systems for issuing General Radio Service (GRS) licences; Their report "Alternative Licensing Systems" dated October 20, 1977 is summarized below.

In order to evaluate the cost-effectiveness of different approaches to issuing GRS licences, three other alternatives were examined and reviewed against the existing system.

The alternatives examined were:

- -an Improved Existing System in which the basic manual decentralized approach is optimized by standarization of procedures, improvement in filing, and use of electronic cash registers where appropriate;
- -a centralized Mail-In system in which economies of scale are derived by means of production line techniques and utilization of a computer. The Mail-In System is referred to as the computer based licensing system in this report.

-a Point of Sale System in which licences are sold (at a discount) to retailers who in turn sell to GRS users. A centralized record keeping system (utilizing a computer) and regulatory functions would remain within the mandate of DOG.

Upon investigation, it was confirmed that under the current Radio Act and associated regulations, it is not possible to delegate the licence issuing authority to private retailers, although under planned revisions to the Act, regulations permitting such delegation could be drafted. However, given the fact that the revised Radio Act does not have a high government priority, it could be at best be two to four years before enabling regulations could be drafted.

In spite of this barrier to implementing the Point of Sale approach until legal changes come about, it was evaluated and costs were estimated for it in the same way as the other approaches. This provides the necessary information on its cost-effectiveness should the barriers be lifted and the approach be reviewed again.

4-2 The BMC Study recommended the mail-in computer based licensing system.

A review of each alternative in terms of such characteristics as level of service, control, flexibility, operational complexity, administrative aspects and growth potential results in a preferred ranking order of the Mail-In approach, the Point of Sale approach and the Improved system approach. The Mail-in approach is shown to be most cost-effective.

The Point of Sale approach, whilst saving man years by delegating certain functions to retailers, creates added complexities in the accounting and licence inventory controls needed to service and manage the retailer/DOC relationship. Moreover, as almost all of the retailers interviewed during the course of this study were not disposed towards the idea of issuing licences keeping records and being subject to audit, system flexibility is effectively reduced. This is because changes involving the retailer must ensure retention of any goodwill that exists towards the system, as the quality of information received would be largely dependent on the retailer and his checking of the application forms.

The Improved System in addition to higher manpower requirements, is somewhat less desirable to the Mail-In approach because of lower overall system control and the fact that manual files would not support enforcement or management needs as well as computer-based files at the expected high numbers of licences. Perhaps more important is that the productivity levels used in costing, while definitely attainable, are approaching optimum levels and could be difficult to maintain in such a dispersed system.

# .3 GRS is not a fad which will disappear

The Woods Gordon Study concluded that the GRS Service cannot be discontinued or deregulated and that GRS is not a fad which will disappear.

Woods, Gordon & Co. were asked to conduct a general management study of the General Radio Service taking into account probable future growth in usage, the social significance of the service, the likely social impact and acceptability of alternative strategies, and the available Departmental resources.

Their report "The General Radio Service-Prospects & Band Management Strategy" dated May 12, 1978 concluded that GRS does not appear to be a fad which will disappear in a year or two; rather it seems to be a part of a general trend, towards a more communications oriented society. This suggests that Departmental concerns about GRS are not likely to be eliminated, or even significantly alleviated as a result of a reduction in GRS use.

A number of alternative strategies open to DOC were examined. Because of the large in-place investment (over \$250 million) it concluded that banning the General Radio Service is not a practical proposition. Moreover, Woods, Gordon & Co. think that deregulation would be an extremely unpopular move. Such a move would increase the risk of violence and vigilante action as individuals tried to fill the role vacated by the Department.

## 5.0 Establishment of a Pilot Project

In 1977 the Department prepared a submission to the Treasury Board for a pilot project for the Pacific Region to develop a computer based licensing system. The intent being that if this was successful it would be expanded nationally. The Treasury Board approved the submission on June 23, 1977 (T.B. 748974) subject to the BMC and Woods Gordon Study previously described.

## 5.1 Departmental submission in 1977 and Treasury Board Approval And Conditions.

The Departmental submission requested funds in the amount of \$568,440, for a pilot project for the Pacific Region to develop a computer based licensing system. The Treasury Board approved the submission on June 23, 1977 (T.B. 748974) subject to the completion of certain studies relating to:

- 1) The issuance of licences at the point of sale.
- A general management study of GRS including alternative strategies.

The Treasury Board Submission of April 12, 1977 (TB748974) dealt with the General Radio Service Program of which a pilot project of a computer based licensing system was a portion of the funds being requested. The sub-programs requested were:

1.	Augmentation to Regional GRS Field Operations (additional term man-years)	58	\$522,000
2.	Materials for licensees		\$114,500
3.	GRS public awareness program		\$106,500
4.	Testing of GRS equipment .		\$255,000
5.	GRS Pilot Project		\$568,440
	Tota	11 \$	1,566,440

- 3. The features of the pilot will include:
  - -Retailer/distributor participation for the distribution of licence application forms at point of sale.
  - -Return of completed application from the GRS user to a centralized P.O. Box by mail.
  - -Temporary licence procedures and practices.
  - -Cheque/Postal order handling and associated financial procedures at a centralized location to integrate with Departmental accounting practices, using electronic Cash Registers.
  - -Data entry of existing licence records.
  - -Batch processing of applications for new licences and renewals.
  - -Automatic renewal notice emission.
  - -Optical character readers to evaluate potential.
  - -Auto-mail facilities trial for dispatch of licences and literature.
  - -Computer based reports to the District Offices.
  - -Information feedback provision of relevant data to the District Offices on GRS base stations close to complainant's location.
  - -Revision and trial of complaint handling procedures for GRS in the above environment.
- 4. The implementation of the computer based pilot project will absorb no more than six DOC man years at the Headquarters. In line with the Departmental review, these will be utilized for project control, forms design, procedures, practices and standards preparation, overall systems analysis and project evaluations. All other resources required for the project, either at the Headquarters or in the Region will be contracted out.

This would include computer program development, associated data base organization for retrieval, interactive program development as well as implementation and operation. The pilot project will be so structured that should a national implementation be decided on, most of the associated development work will be directly usable in the latter. The equipment needed for the project will almost entirely be rented or leased. The computer services and associated supplies will be obtained from a computer service bureau.

The costs of the pilot project are estimated at \$568.44K as itemized in the attachment.

This report is concerned with item 5, the GRS pilot project, which was approved by the TB on June 23, 1977 (T.B. 748974) subject to the Woods Gordon and BMC studies.

The T.B. submission included the following background material on the pilot project of a computer based licensing system.

- 1. A Departmental review of GRS was conducted at the regional directors' meeting (11th and 12th January 1977) by the Regional Directors, Telecommunication Regulatory Service, and ADMS. On the question of GRS, concerning licensing computerization, this review concluded that:
  - (i) The concept of computerization of GRS licensing was sound and should result in more efficient overall management of GRS;
  - (ii) Conversion from the present system to any nation-wide computerized system should be preceded by a pilot. Such a pilot would serve to solve problems associated with the conversion and optimize the final system configuration as well as the associated procedures.

It was also agreed that the pilot is best conducted in the DOC Pacific Region. This would include adequate number of licensees and District Offices to be both representative and practically implementable with the new procedures. The pilot will be of one year duration.

The outline of such a pilot project is presented here together with an estimate of the associated costs.

- 2. The objectives of the pilot project are:
  - (a) To assess the acceptability by distributors and dealers of procedures and practices to provide licence application forms at the point of sale.
  - (b) To evaluate the effectiveness of the procedures and practices for self-issue of temporary licences.
  - (c) To identify the best means of providing feedback to the District Offices from a centralized computerized licensing facility.
  - (d) To identify an optimum, yet workable, configuration of the system elements for a later national system.

## TABLE 2

## $\frac{\texttt{ESTIMATED} \ \ \texttt{COSTS} \ \ \texttt{OF} \ \ \texttt{GRS} \ \ \texttt{PILOT}}{\texttt{PROJECT}}$

	ITEM	(\$1,000's)
1.	Contracts-Professional Services-Vancouver	38.1
2.	Contracts-Professional Services-Ottawa	147.75
3.	Computer Services	187.3
4.	Contracted Data Entry	28.0
5.	Terminal Rentals	10.6
6.	Cash Register and Controller (Purchase and Rental)	25.0
7.	Data Preparation Sub-System/RJE Terminal	25.44
8.	Contracts-Temporary Clerks-Vancouver	36.75
9.	Communications	9.0
10.	Supplies, Photocopies, Auto-Mailing, Travel	47.5
11.	Distribution to Retailers, etc.	13.0
		568.44

#### 5.2 Transfer of funds in May 1978 and start of pilot project

Given the dates at which the BMC and Woods Gordon studies came out in was not possible to complete the pilot project in fiscal year 77/78. Accordingly in the Spring of 1978 a Treasury Board submission was prepared requesting a transfer of the lapsed funds into fiscal year 78/79 for the pilot project. The Treasury Board approved this transfer of funds in May 23, 1978 (T. B. 757046) and work on the pilot project was initiated in earnest.

In June, 1977, the Treasury Board approved the allocation of \$568,440 for the pilot project (T.B. Minute 748974). This allocation was made with the understanding that the Treasury Board Secretariat will be involved in a study which would examine, in particular, "the issuance of licences at the point of sale". One of the possible outcomes of this study could have led to a complete re-examination of the need for computerization of GRS licence issue. Large expenditures on the pilot prior to the completion of the study carried the risk of being wasteful. Therefore, a general understanding was reached with Treasury Board Secretariat not to launch the project in real earnest prior to the evaluation of the results of this study. This study (BMC) re-emphasized the need for this project and accordingly a TB submission was prepared requesting a transfer of lapsed funds into fiscal year 78/79 for the pilot project.

Taking into consideration the expenditures incurred to carry out some preliminary analysis and the savings resulting from the elimination of the need for expenditures of \$37.34 K from the original project estimate, the requirement for the pilot project during fiscal year 1978/79 was for \$490,000.

The proposed funds were to cover the development and implementation in the Pacific Region, as well as the evaluation of the project. This evaluation will be carried out in consultation with the Treasury Board Secretariat, and if the benefits are proven, a further submission will be made to permit the implementation of a nation-wide computerized licensing system.

TABLE 3

## GRS PILOT COST SUMMARY ESTIMATED FOR FISCAL YEAR 1978/79

#### COMPARISION WITH ORIGINAL TREASURY BOARD APPROVAL (JUNE 1977)

#### FUNDS NEEDED

	<u>ITEM</u>	<u>JUNE 1977</u> (\$1,000's)	FOR 1978/79 (\$1,000's)	NOTES
1.	Contracts-Professional Services-Vancouver	38.1	38.1	
2.	Contracts-Professional Services-Ottawa	147.75	143.4	\$4,350 spent during 1977/78
3.	Computer Services	187.3	155.96	Eliminate interactive query
4.	Contracted Data Entry	28.0	28	
5.	Terminal Rentals	10.6	10.6	
6.	Cash Register and Control (purchase & rental)	25.00	25.00	
7.	Data Preparation Sub-System/RJE Terminal	25.44	19.44	Eliminate OCR
8.	Contracts-Temporary Clerks-Vancouver	36.75	0	Work will be completed in Fiscal 1977/78
9.	Communications	9.00	9.00	
10.	Supplies, Photocopies, Auto-Mailing, Travel	47.50	47.50	
11.	Distribution to Retailers, etc.	13.00	13.00	
		568.44	490.00	.* 

#### 6.0 Results of Pilot Project

The schedule called for a cutover date of Feb. 1979 with a budget of \$490,000. The pilot was cutover on schedule on Feb. 1, 1979 and the costs incurred to March 31, 1979 were \$220,000.

With the T.B. approval of funds on May 23, 1978 two major tasks were carried out:

- (1) Scheduling and project planning were completed by June 26, 1978.
- (2) The project team was formed by July 6, 1978.

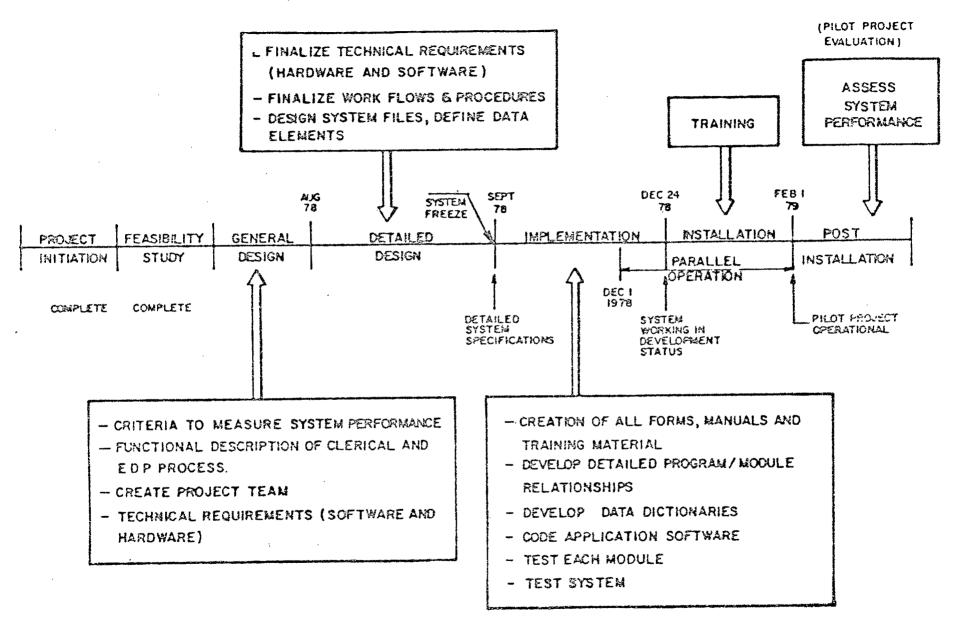
The schedule by project phase ( see fig. 1) indicated a cutover date of Feb. 1, 1979. At this point Pacific Region would cease issuing GRS licences and the pilot project would begin the actual issuing of GRS licences. It was recognized that the Feb. 1, 1979 target date represented an extremely tight schedule; however, if the target date was moved one to two months later, the renewal load which occurs in March, April, May could not be carried out until 1980. Since the renewal load represents a major portion of the GRS licensing system a complete evaluation of the pilot would be delayed until May 1980 if the Feb. 1 deadline was not met.

The results obtained were:

- (1) The project was cutover on time on Jan. 29, 1979.

  The issuing of all GRS licences after that date,
  was carried out by the pilot project for the Pacific
  Region and no longer by the Pacific district offices.
- (2) The expenditures incurred of \$220,000 were well below those budgeted of \$490,000. The major savings was the elimination of the use of a computer service bureau in favour of the departmental computer. This saving alone amounted to \$155,960.

## PILOT PROJECT FOR PACIFIC REGION



TERMINOLOGY BASED ON "GUIDE ON E DE ADMINISTRATION" Ch. 4

SEPT. 1978

### 7.0 Pilot Implementation

The system implemented is referred to as the computer based licensing system in this report and the "Mail-in-System" in the BMC study. The applicant mails in his new application to a Department of Communications postal box for processing. The applicant retains a temporary permit (one part of a three-part application form) for 60 days pending the issuance of a 3 year licence by the department.

Similarly a licensee will send a renewal notice with the applicable fee to another DOC postal box for processing. The renewal notice is automatically sent to a licensee whose licence is about to expire. A computer is used for the record keeping function, production of reports and the automatic emission of various notices such as renewal and expiries.

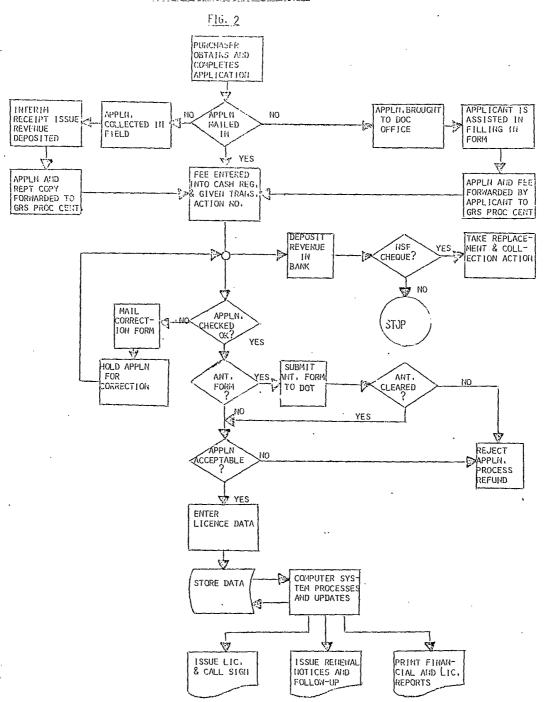
#### 7.1 System Outline

A system outline is depicted by the flowchart shown in FIG. 2.

A general flowchart of the computer-based licensing system is shown in FIG. 2. It generally describes the processing of both GRS licence applications and requests for renewal of GRS licences. The processing of GRS licence applications is described first followed by a description of the renewal processing.

Licence applications, which are part of a brochure (see FIG. 3), are made available at the time of purchase of the GRS set with a self-addressed return envelope. The user completes the application form (three part), retains one part, and mails the other two parts of the application with the fee to the GRS processing centre in a self-addressed envelope. The part of the application retained by the user is a temporary permit which allows the user immediate use of his set for a maximum period of 60 days pending issue of a permanent licence.

#### CONTIER BULLS I TOURS HIS SYSTEM



If licence expired, system would have produced a rehewal and/or expiry notice and halled to licensee.

FIG. 3 SAMPLE GRS BROCHURE

"OBTAINING YOUR LICENCE"

WITH APPLICATION FORM.

Ø

Upon receipt of the application form the processing centre processes the payment (usually cheque or money order) and the application through an electronic cash register where a unique transaction number is assigned.

The application form is then scanned for completeness and sent to keystroking. Once it is keystroked it is entered into the computer where it is automatically checked for completeness and eligibility. If all the licensing conditions are met a call sign is automatically assigned an a licence granted. The licence is automatically computer generated onto a self-mailer and mailed to the applicant. At the same time the records are transferred to the master file.

Request for renewals are handled in a similar manner. The request for renewal is received on a renewal or expiry notice which was previously generated by the computer and mailed to the user. The renewal and expiry notice includes pre-encoded information which uniquely identifies the application when ready by an optical character recognition wand. These wands are hand held and read bidirectionally by passing over the pre-encoded field in one or two seconds. The use of the OCR wand:

- automates the renewal processing by eliminating the need for re-entering the current licence information.
- increases the accuracy since the re-entering of data is eliminated.

The remainder of the processing is similar to the process for licence applications. The licence is automatically generated onto a self-mailer and mailed to the applicant. At the same time the records are transferred to the master file.

In order to meet the financial regulations and audit requirements extensive financial procedures have been set up and are shown in FIG. 4. The electronic cash registers in use assist in this function. The processing centre prepares daily a cash book and a deposit slip (refer to GRS Operations Manual for greater details) which are submitted to and verified by the DOC finance branch.

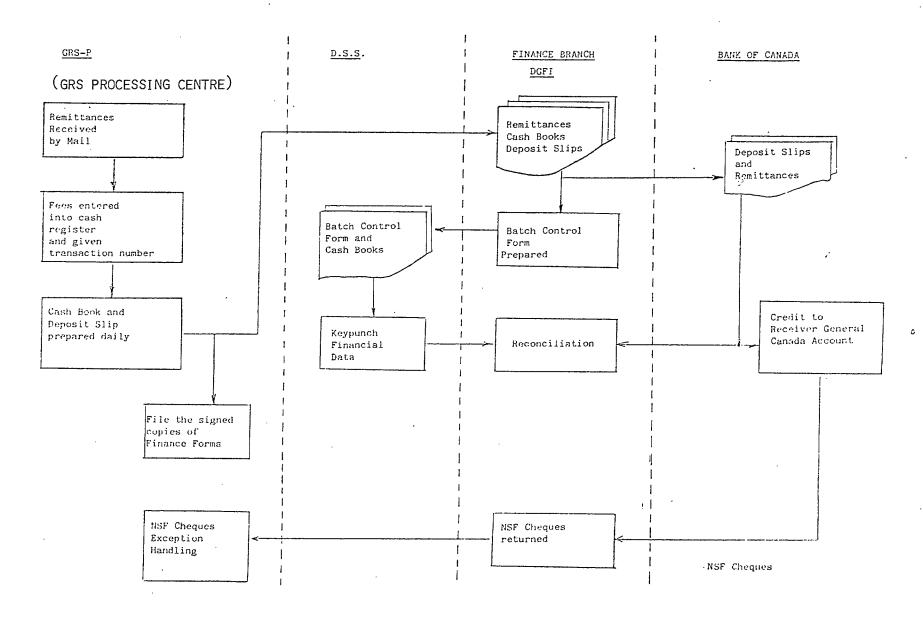


FIG. 4 FINANCIAL PROCEDURES

#### 7.2 System Block Diagram

The system block diagram shown in figure 5 indicates:

- 1) the major inputs to the system.
- 2) the major outputs of the system.
- 3) the GRS processing centre in Ottawa.
- 4) the use of the departmental computer at Shirley's Bay.

The system block diagram shown in Fig. 5 indicates the major system inputs and outputs, the GRS processing centre and the use of the departmental computer. The GRS processing centre consists of two parts: applications for a licence (new) and renewal of licences.

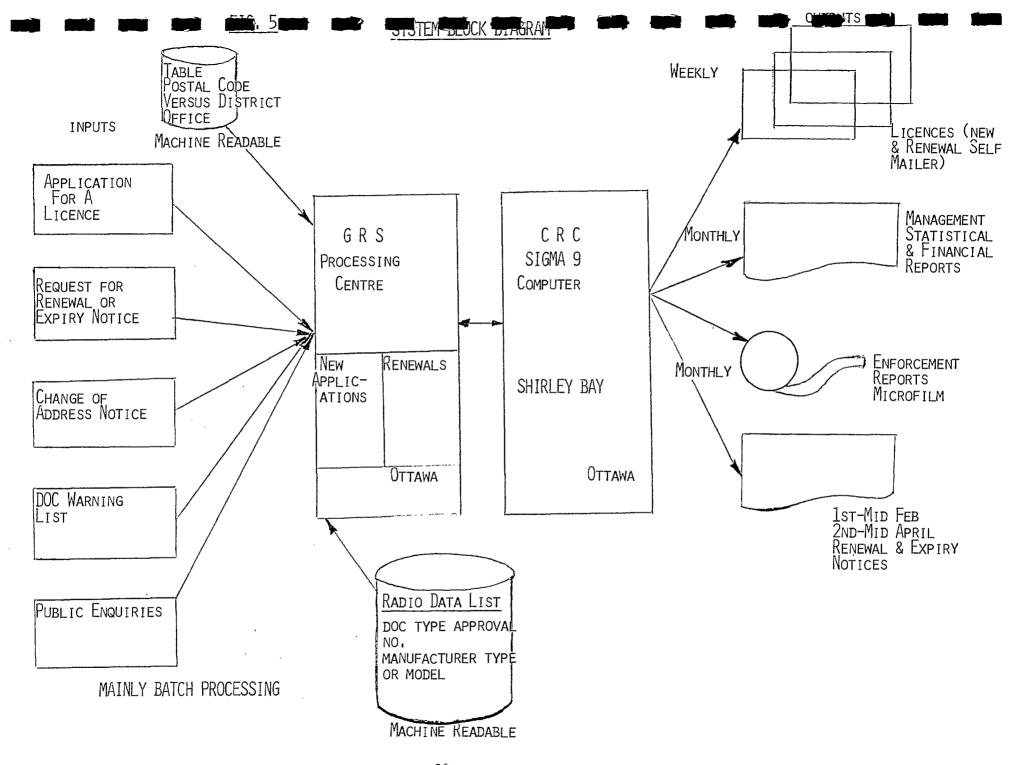
The major inputs to the system will be described first. They are:

#### 1) Application for a Licence (See Fig. 3)

A specially designed brochure containing a three part application form was designed. The brochure entitled "General Radio Service Obtaining Your Licence" explains how to fill in the application form, the regulations and steps required in obtaining a licence. The application form consists of three parts:

- a) the first part is retained by the GRS processing centre as part of the official records.
- b) the second part is sent to keystroking.
- c) the third part of the form serves as a temporary permit and is retained by the user.
- 2) Request for renewal (renewal or expiry notice)

The renewal and expiry notice are shown in Fig. 6 and 7. The renewal notice is automatically produced by the computer. It includes pre-encoded information which uniquely identifies the request for renewal and can be read by an optical character recognition wand; thereby, greatly speeding up the renewal processing. Similarly the expiry notice is generated by the computer and excludes those licences which have been renewed.



Government of Canada Department of Communications

Gouvernement du Canada Ministère des Communications

FOR DEPARTMENT USE ONLY - À L'USAGE DU MINISTÈRE SEULEMENT

# GENERAL RADIO SERVICE LICENCE LICENCE DU SERVICE RADIO GÉNÉFIALS AVIS DE RENOUVELLEMENT

You are hereby notified that the licence issued to you (call sign indicated below) will expire on the date shown. To renew your licence, please complete and sign this form and return it in the enclosed envelope with a cheque or money order payable to the RECEIVER GENERAL FOR CANADA in the amount of \$13.50. Please do not send cash.

We would like to remind you it is an offence under the Radio Act, punishable by a fine not exceeding twenty five hundred dollars or imprisonment for a term not exceeding twelve months, to establish a GRS station or install, operate, or possess a General Radio Service apparatus without a valid licence issued by the Minister of Communications.

Vous ètes par la présente informé que la licence qui vous a été délivrée (et dont l'indicatif d'appel est donné ci-après) viendra à échéance à la date indiquée. Pour renouveler votre licence, veuillez remplir et signer la présente formule et la renvoyer accompagnée d'un chèque ou d'un mandat-poste de \$13.50 libellé à l'ordre du RECEVEUR GENERAL DU CANADA, en vous servant de l'enveloppe ci-jointe. Prière de ne pas envoyer d'argent comptent.

Nous tenons à vous rappeler qu'en vertu de la Loi sur la radio, l'établissement d'une station du service radio général, ainsi que l'installation, l'exploitation ou la possession d'un appareil du RRG, sans une licence délivrée par le ministre des Communications, constitue une infraction dont l'auteur est passible d'une amende d'au plus deux mille cinq cents dollars ou d'une peine d'emprisonnement d'au plus douze mois.

Your radio station call sign Indicatif d'appel de votre licence radio	DOC Reference Référence MDC
D/J M/M Y/A	018011979
If the information shown has been changed, please check the appropriate box and insert the revised information.	En cas de modification des données cocher la case appropriée et indiquer les changements.
Name (03) Family name, First name and initial/Nom de famili	le, prénom et initiale
Mailing address Adresse postale (09) Street number, and name/Numéro et rue	(10) City, town, etc./Cité, ville, etc. Province (12) Postal Code/Code postal
Station address (21) Street number and name/Numéro et rue Adresse de la station	(22) City, town, etc./Cité, ville, etc. Province (24) Postal Code/Code postal
Signature	D/J M/M Y/A Date
Mailing address/Adresse postale LARRY E FRANDLE 456 QUEEN ALEXANDER WAY SE CALGARY ALTA AB T2.	Station address/Adresse de la station  PRE-ENCODED INFORMATION READ BY OCR-A WAND
RETURN THIS NOTICE WITH YOUR PAYMENT TO: GRS LICENSING CENTRE (RENEWALS), POSTAL STATION "D", BOX 2120, OTTAWA, K1P 6H3, USING THE ENCLOSED ENVELOPE	ENVOYER LE PRÉSENT AVIS AVEC VOTRE PAIEMENT AU: CENTRE DE LICENCES SRG (RENOUVELLEMENTS), SUCCURSALE « D », CASE POSTALE 2120, OTTAWA, K1P 6H3, DANS L'ENVELOPPE CI-JOINTE.
IF PAYMENT HAS ALREADY BEEN SUBMITTED, DISREGARD THIS NOTICE.	SI LE PAIEMENT A DÉJÁ ÉTÉ FAIT, NE PAS TENIR COMPTE DU PRÉSENT AVIS: 16-857 (11-78)

FIG. 6 SAMPLE GRS RENEWAL NOTICE Government of Canada Department of Communications

Gouvernement du Canada Ministère des Communications

FOR DEPARTMENT LISE ONLY - A L'USAGE DU MINISTÈRE SEULEMENT

### GENERAL RADIO SERVICE LICENCE EXPIRATION NOTICE SERVICE RADIO GÉNÉRAL

# AVIS D'EXPIRATION DE LICENCE

Our records indicate that you have not renewed your licence (call sign and expiry date indicated below). To retain possession of and/or use of your GRS equipment, you are required to obtain and hold a valid GRS licence. To comply with this requirement, please complete and sign this application form and return it in the enclosed envelope with a cheque or money order payable to the RECEIVER GENERAL FOR CANADA in the amount of \$13.50. Please do not send cash.

It is an offence under the Radio Act, punishable by a fine not exceeding twenty five hundred dollars or imprisonment for a term not exceeding twelve months, to establish a GRS station or to install, operate, or possess a General Radio Service apparatus without a valid licence issued by the Minister of Communications.

Nos registres indiquent que vous n'avez pas renouvelé votre licence (indicatif d'appel et date d'échéance, indiqués ci-après). Si vous désirez continuer de posséder et (ou) d'expioiter votre matériel du SRG, vous devez obtenir et détenir une licence valable du SRG. Pour ce faire, il vous faut remplir et signer la présente formule de demande et la renvoyer accompagnée d'un chèque ou d'un mandat-poste de \$13.50 libellé à l'ordre du RECEVEUR GÉNÉRAL DU CANADA, en vous servant de l'enveloppe ci-jointe. Prière de ne pas envoyer d'argent comptant.

En vertu de la Loi sur la radio, l'établissement d'une station du service radio général, ainsi que l'installation, l'exploitation ou la possession d'un appareil du SRG, sans une licence délivrée par le ministre des Communications, constitue une infraction dont l'auteur est passible d'une amende d'au plus deux mille cinq cents dollars ou d'une peine d'emprisonnement d'au plus douze mois.

Your radio station call sign Indicatif d'appel de votre licence radio

DOC Reference Référence MDC

Expiry date Date d'échéance D/J	File number Numéro du dossier ► M/M Y/A			
If the information shown has the appropriate box and inse	been changed, please check ert the revised information.	En cas de modification des donnés la case appropriée et indiquer les		
Name Nom	(03) Family name, First name and initial/Nom de famili	e, prénom et initiale		
Mailing address Adresse postale	(09) Street number, and name/Numéro et rue	(10) City, town, etc./Cité, ville, etc.	Province	(12) Postal Code/Code posta
Station address Adresse de la station	(21) Street number and name/Numéro et rue	(22) City, town, etc./Cité, ville, etc.	Province	(24) Postal Code/Code posta
		D/J M/M	Y/A	
Signature		Date		
Mailing address/Adresse	postale .	Station address/Adresse de la sta	tion	

RETURN THIS NOTICE WITH YOUR PAYMENT TO: GRS LICENSING CENTRE (RENEWALS), POSTAL STATION "D", BOX 2120, OTTAWA, K1P 6H3, USING THE ENCLOSED ENVELOPE

IF PAYMENT HAS ALREADY BEEN SUBMITTED, DISREGARD THIS NOTICE.

ENVOYER LE PRÉSENT AVIS AVEC VOTRE PAIEMENT AU: CENTRE DE LICENCES SRG (RENOUVELLEMENTS), SUCCURSALE « D », CASE POSTALE 2120, OTTAWA, K1P 6H3, DANS L'ENVELOPPE CI-JOINTE.

SI LE PAIEMENT A DÉJÁ ÉTÉ FAIT, NE PAS TENIR COMPTE DU PRÉSENT AVIS:

SAMPLE GRS EXPIRY NOTICE



Please complete and submit this portion of your licence to GRS Licensing Centre (Generel), Postal Station "D", Box 2798, Ottawa, KIP 6144, in the event of a chenge to the information shown on the licence.

Veuillez remplir cette partie de votre licence et la soumeitre au Centre de licences SRG (général), Statlon - D - Case postale 2798, Ottawa, KIP 614, en cas de changement aux détails Imprimés sur la licence. FOR DEPARTMENT USE ONLY/Å L'USAGE DU MINISTÈRE SEULEMENT

16-856 (78)

(03) F	amily name, F	irst name and initial/Nom de famili	e, prènon	n et initi	ale		(16) Type	Approval No /N° d'homologation
Neme Nom					•	Equipment Matériel	, , ,,,	,,
(09)	Street number	and name/Numero et rue		(10) C	ity, town, etc./C	itò, villo, etc.	Province	(12) Postal Code/Code posta
Mailing address Adresse postale								
• •	Street number	and name/Numéro et rue		(22) C	ity, town, etc./C	ité, ville, etc.	Province	(24) Postal Code/Code posta
Station address Adresse de la station					_			
			D/J	M/M	Y/A			
Signature	•			Date			Call Sk	gn/indicatif d'appel
Government of Canada Department of Communications		Gouvernement du Canada Ministère des Communications			OFFICIA	L COPY OF LICENCE	XM1 24	COPIE OFFICIELLE DE LA LICENCE
RADIO STATION LICE! GENERAL RADIO SER		LICENCE DE STATION SERVICE RADIO GÉNÉR	RAL		isse	JED TO LICENSEE		DÉLIVRÉE AU TITULAIRE
issued pursuant to the Rad General Radio Regulations.	o Act end	Dòlivrée confermément aux dispos Loi sur la radio et du règlement g la redio.			Licensee is here operate a GRS	aby authorized to establish the station of mobile station of the s	at: étab	la présente, le détenteur est autorisé à lir et à exploiter une station SRG terrastre nobile à:
ROTHWELL GREY 1381 SOUTH FL	ETCHER	ROAD			GIBSON Call sign Indicatif d'appo	o XM1245076	]	BC
GIBSONS		BC VON1VO			Data of Issue Date de délivre	D/J M/M Y/A anco 21/02/197	79 Expiry Date d	D/J M/M Y/A date l'échéance 31/03/1981
This licence is issued subject to the conditions on the reverse side.	he tarms and	La présenta licance est délivrée so des conditions pyécisées au verso		e				

003320

FIG. 8 PART OF SELF MAILER

Minister of Communications/Ministre des Communications

"OFFICIAL COPY OF LICENCE ISSUED TO LICENSEE"

## 3) Change of information stub

The change of information stub is a tear away part of the licence (See Fig. 8). It is filled in by the user and sent to the GRS processing centre.

## DOC Warning List

The DOC warning list is received from the enforcement operations. It includes a list of names of violators for which specific action such as:

- i) do not licence
- ii) do not renew
- iii) renew licence for one year only
- iv) under suspension until (date) is required.

Currently these administrative checks are handled manually; however, the pilot indicates that this would be computerized if national expansion takes place.

## 5) Public Enquiries

Public enquiries can be broken down into three main categories:

- a) Request of GRS licensing information
- b) Request for departmental information including licensing functions other than GRS.
- c) Request from U.S. citizens for authority to operate in Canada a radio (Class D mobile) licensed in the applicant's name in the United States.

### 6) Radio Data

A list in machine readable format, of the valid equipment which can be used. Each entry includes:

- i) the "DOC APPROVAL NO.", a 9 digit type approval no.
- ii) the manufacturer .
- iii) the type or model no.

This list is used to verify that the equipment to be purchased is type approved by DOC, and hence licensable.

# 7) Table of postal code versus district office

A table of postal codes versus district office code is stored in machine readable format. It is used by the computer to generate call sign for new applications.

The GRS processing centre is located in the Journal South Tower and consists of two production lines: new applications and renewals. The Departmental computer, a SIGMA 9 at Shirley Bay in Ottawa, is used mainly in a batch mode.

The major outputs of the system are now described: They are:

### 1) LICENCES

For both new and renewed licences a self mailer is used. The licence is generated by the computer onto the self mailer based on the information previously captured. This eliminates a substantial amount of manual handling such as typing of the licence and stuffing it into an envelope. The licence includes a tear away change of information stub.

### 2) Management, Statistical and Financial Reports

Fig. 9, 10, 11 show typical management, statistical and financial reports automatically generated by the computer on a monthly basis. These reports are broken down by district office. These reports are accurate when reporting licensing activity; however they are statistical in nature when reporting revenue. The strict financial procedure adapted (see Fig. 4) requires that the daily financial procedures are used to calculate revenues. These procedures include procedures for refunds, no fee licences, and checks with insufficient funds.

### Enforcement Reports

Figures 11, 12 & 13 show typical samples of the enforcement reports produced on microfilm. These monthly reports contain the data element for all licensed stations required by the district offices and regions for enforcement. They are sorted by:

- i) Call Sign Order
- ii) Family Name
- iii) Postal Code

# 4) Renewal and Expiry Notices

These are produced automatically by the computer based on the master files. They are described in the input section item (2).

		COMMUNICATION COMMUNICATION		SYS	TEME DE L	NSING SYSTER LICENCES DU S	RG		MOINTH	/MØIS-1979/05
REPOR	T/RAPPOR	T 75 GI	RS STATIS	TICS / STATIS	TIQUES S	UR LES NOMBRE	S DE LIC	ENCES DU SRG	DELIVREES	PAGE 0001
	ISSUE	NEW/NO DE CENCES ED/EMISES	RE-ISSU	DF/NO DE CENCES ED/RE=EMISES	CANCELLE	F/NO DE CENCES ED/ANNULLES	REVENUE	/REVENUES DE	LICENCES	VEAD TH DATE
B.ADM	CE MOIS	ANNEE A DATE	CE MOIS	ANNEE A DATE	CE WOIS	ANNEE A DATE	CE WOIS	ANNEE A DATE	ANNEE A DATE	NON RE-EMISES ANNEE A DATE
11	00000	000000	000046	0000102	0000000	0000000	000621	0001377	0000109	000000
12	00352	000707	001034	00022/3	0000000	0000000	018711	0040230	0025207	005234
13	00218	000515	000867	0001910	0000000	0000000	014648	0032738	0019083	003582
1 4	00059	000117	000220	0000424	0000000	0000000	003767	0007304	0004161	001060
15	00159	000346	000651	0001369	0000000	00000000	010935	0023153	0012466	002930
16	00116	000267	000424	0000868	0000000	00000000	007290	0015323	0008867	002239
17	00084	000201	000250	0000574	0000000	00000000	004509	0010463	0005875	001184
18	00146	000319	000444	0000974	0000000	0000000	007965	0017456	0009672	002404
25	00037	000078	080000	0000168	0000000	0000000	001580	0003321	0002743	000489
REGIO	NAL TÖTAL 001171	S/TOTAUX POUR 0002550			0000000	00000000	0070026	00151365	00088183	0019122
END 0	REPORT	FIN DU RAPPOR	T			·				
	FIG. 9 G	GRS STATISTICS R	EPORT (ACTU	AL SAMPLE FOR M	ONTH OF MA	Y 1979)				
			· · · · · · · · · · · · · · · · · · ·							
				36			-			

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MINIS	STERE DES COM	MUNICATIONS MUNICATIONS		GRS LICENSI SYSTEME DE LIC			QUARTER/TRIMESTRE 19	
REPUI	RT/RAPPORT 76		GRS MANAG	EMENT / TRAITEM	ENT DES LICEN	CES DU SRG	PAGE	0001
	ISS	ICENCES	RE=I	SSUED/RE-EMISES	TEUT	ALL LICENCES EMISES	3	
RGN	TRIMESTRE A	DATE YEAR TO DAT DATEANNEE A DAT	E QUARTER I E TRIMESTRE	A DATE YEAR TO	DATE QUARTER DATE TRIMESTR	O DATE YEAR TO DA	ATE ATE	
1	08	08	02	02	04	04		
END-6	JF~REPØR <del>T∕FIN</del>	DU RAPPORT	<u> </u>					
			·····					
<u></u> -	FIG	. 10 GRS MANAGEMEN	r REPORT					
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	<del></del>							
	<u></u>							
					<u></u>			

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		COMMUNICATION COMMUNICATION				SING SYSTEM ICENCES DU S			MONTH/MOIS 1979/05
REPOR	T/RAPPORT	77	-	GRS FINA	NCIAL / E	TAT FINANCIE	R DU SRG		PAGE 0001
A•Ø• B•ADM	LI( ISSUI MONTH	NEW/NO DE CENCES ED/EMISES YEAR TO DATE ANNEE A DATE	REVENUE:	/REVENUES DE S/LICENCES S/EMISES YEAR TO DATE ANNEE A DATE	LI RE=ISSUE MONTH	F/NO DE CENCES D/RE=EMISES YEAR TO DATE ANNEE A DATE	LICENCES REVENUES MUNTH	/REVENUES DE S/LICENCES S/RE=EMISES YEAR TO DATE ANNEE A DATE	
11	00000	000000	000000	0000000	000046	0000102	0000621	00001377	
12	00352	000707	004752	0009545	001034	0002273	0013959	00030686	
13	00218	000515	002943	0006953	000867	0001910	0011705	00025785	
14	00059	000117	000797	0001580	000550	0000424	0002970	00005724	
15	00159	000346	002147	0004671	000651	0001369	0008789	00018482	
16	00116	000267	001566	0003605	000424	0000868	0005724	00011718	
17	00084	000201	001134	0002714	000250	0000574	0003375	00007749	
18	00146	000319	001971	0004307	000444	0000974	0005994	00013149	
25	00037	000078	000500	0001053	000080	0000168	0001080	00002268	
REGIO		0002550		GION 00034428	0004016	00008662	00054217	000116938	
END OF	REPORT/F	IN DU RAPPOR							
			<del></del>		<del></del>		·		
	FIG	. 11 GRS FINANC	AL REPORT					41, 41, 41, 41, 41, 41, 41, 41, 41, 41,	
								<del></del>	

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N 908	ENI MEN POR ME-C		610 ATE	12/03/1979 *** 0000129
CALL SIGN	NAME OF LICENCEE - NOM DU TITULAIRE		STATION AUDHESS ADHESSE ILE LA STATION	155 14 10 11 11 11 11
INDICATIF D'APPEL		CITY - VILLE	BOX 1433 334 MARSHALL AVE 362 THULIN ST 362 THULIN ST 362 THULIN ST 4304 COLUMBIA DR 665 BAXTER AVE PO BOX 461 1020 COSTIN AVE 7403 - 16TH AVE 2711 HAVERLEY AVE	
XH168748	BIRON/LEON C BIRTCH/BARRY J BIRTCH/JACK L BIRTCH/JACK L BIRTCH/JAMES BIRTHISTLE/KENNETH A BIRTHISTLE/FRANK E BISCHOFF/GERALD L BISCHOFF/GERALD L BISCHOFF/KARL H BISCHOFF/KARL H BISCHOFF/KARLPH A BISCHOFF/RALPH A BISC	BC: FORT ST JAMES	BOX 1433	VOJ 1PO 07 77 80 U V2P 3J4 07 78 81 U V9H 2K8 05 78 81 U V9H 2K8 04 77 80 U V8H 3J1 12 76 79 U V8Z 2H1 04 77 80 U V8Z 2H1 04 77 80 U V9B 2T3 05 77 80 U V9B 2T3 05 77 80 U V9B 2T3 05 77 80 U V9B 2T3 06 77 80 U V5S 1E9 10 76 79 U V5S 1E9 04 76 79 U V5S 1E9 04 76 79 U V5T 3P9 03 79 82 U V5T 3P9 03 79 82 U V5T 3Y9 03 79 82 U V5T 3Y9 03 79 82 U V5T 3Y9 03 79 82 U V7P 3R7 10 78 81 U V7P 3R7 10 78 81 U V7N 2J6 01 79 81 U
XM18462 XM135818	IBIRTCHZJACK I	BC CAMPBELL RIVER	362 THULIN ST	1/9U 2K8 05 78 81 U
XH13649	BIRTCH/JAMES	BC CAMPBELL RIVER	362 THULIN ST	V94 2K8 04 77 80 U
XM1312352	BIRTHHISTLE/KENNETH A	BC VICTORIA	4304 COLUMBIA DR	V8N 3J1 12 76 79 U
XM1315051 XM1219939	I BIRIHISILEZI ENNOPO O	BC PORT HCHEITI		- VON - 280 01 - 77   29 U
XM1317316	BIRTHISTLE/RAYMOND W	BCVICTORIA	1020 COSTIN AVE	V9B 2T3 05 77 80 U
XM1317316 XM1214381 XM1221113	BIRZNECK/ARTHUR R	BC  BURNABY	:7403 - 16TH AVE	V3N 1N9 U4 76 79 U ;
XM125044	IBISCHROZUGNALU L IBISCHROZUFUIS	BCI VANCOUVER	2711 HAVERLEY AVE	V5S 1E9 04 76 79 U
XM1510000	BISCHOFF/GERALD L	BC CELISTA		VOE 1L0 04 77 80 U
Xf1127136 Xf1156257	BISCHOFF/JOHN	BC BURNHBY	101-5950 BOOTH AVE	VOF 11 0 07 76 79 U
XM1225470	IBISCHOFF/LOTHAR S	BC VANCOUVER	2934 ST CATHERINES ST	V5T 3Y9 03 79 82 U
x11225471	BISCHOFF/MONIKA	BC VANCOUVER	2934 ST CATHERINES ST	V5T 3Y9 03 79 82 U
XM155601 XM158570	BISCHOFF/RHLPH H	BC CELISTA	PEN DET	VOE 110 01 77 79 U
3 Xn1243349	BISGHRDZJON	BC NORTH VANCOUVER	1664 GARDEN	TV7P 3A7 10 78 81 U
ω XM1243911	BISGARD/LESLIE A	BC NORTH VANCOUVER	509 W 28TH ST	V7N 2J6 01 79 81 U
Ö XM1321111 XM125997	BISHOP DR/JEFFREY W	BCIVICIORIH	787 IRANSII ROHU	165 427 02 78 80 0 160 150 04 76 79 U
XM1321111 XM125997 XM1225549 XM155550	BISHOP/ARTHUR F BISHOP/BARRY L BISHOP/BRUCE R	BC PRINCETON	BOX 1283	VOX 140 02 77 79 U
☐ XM155550	BISHOP/BRUCE R	BC KAMLOOPS	213-403 ARROHSTONE DR	V2C 1P9 05 76 79 U
IVMIETTOTO	BISHOP/CHARLES W BISHOP/CHARLES W BISHOP/COLLIN	BC PENTICTON	150-1570 PKESHFIELD KU 1159 GRANDUFU ST	V28 4F6 07 77 80 U
兴 XM152040	BISHOP/COLLIN	BC KELOHNA	2411 - ETHEL ST	VIY 3A4 04 76 79 U
Z XN1229178	IBISHOP/DONALD H	BC NORTH VANCOUVER	142-912 LYTTON ST	V7H 2A5 02 77 79 U
S   XH1511818 XM152040 XH1229178 XH1232883 XH1513377	BISHOP/DOUGLAS BISHOP/EDWARO T	BCIDENTICTON	13473 E 241H HVE 188 1 2806 U BENCH OR	1/28 6.16 11 77 80 U
S (XM1513949	TBTSHOP/ET	BCPENTICTON	2711 HAVERLEY AVE  101-5950 BOOTH AVE  2934 ST CATHERINES ST 2934 ST CATHERINES ST GEN DEL GEN DEL 1664 GARDEN 509 W 28TH ST 787 TRANSIT ROAD WESTMERE-NELSON ISLANO BOX 1283 213-403 ARROHSTONE DR 50-1570 FRESHFIELD RD 1159 GRANDVIEW ST 2411 - ETHEL ST 42-912 LYTTON ST 3473 E 24TH AVE RR 1 2806 W BENCH DR RR 1 2806 W BENCH DR RR 1 1805 W BENCH DR RR 3 585 LEATHEAD RD 14985 THRIFT AVE 14985 THRIFT AVE 14985 THRIFT AVE 17980 NEPTUNE RD 765 DOMINION ST RR Z TATTALROSE RD 905 BRAESIDE ST RR 3 LAKESHORE RD BOX 161 873 ROSEMARY AVE 768 WILLING DR	· VŽA: 6J6 01: 78 80 U
£ XM1513949 S XM1515798	BISHOP/ETHEL C	BC 100 HILE HOUSE	80X 1356	VOK 2E0 12 78 81 U
XM157139 XM16016	BISHOP/FRANCES M BISHOP/FRANK	BC NHULOUPS	5U-157U FRESHFIELU KU PR 3	V2E 1091 10 75 75 0
IXM157911	BISHOP/FRANK R	BC KELOHNA	'585 LEATHEAD RD	VIX 2J5 12 76 79 U
XM1222140	BISHOP/FRANK V	BC HHITE ROCK	14985 THRIFT AVE	V48, 2M9, 11, 76, 79, U
\$ XM12ZZ141 a 5 XM1310251	BISHOP/FRANK V BISHOP/FRED J	BCICOMOX	114785 THRIFT HVE LC/O OFFICERS MESS CEB	V9N 481 08 76 79 U
₹ € XM1238270	BISHOP/GARY	BC RICHMOND	4331 CORELESS RD	V7C 1N1 01 78 80 U
្ទី ៖ XM1510332	BISHOP/GEORGE A	BC OLIVER	180X 1017	VOH 110 04 77 80 U
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EXM1217829	BISHOP/HUGH P	BC RICHMOND		V7R 2L2 07 76 79 U V8X 3H9 07 77 80 U
© XHI318577 g	BISHOP/JANET S	BC VICTORIA BC KAMLOOPS	768 WILLING DR 3468 BRAY PL	V28 6Y2 09 78 81 U
≨ € [XH1242731	BISHOP/JE BISHOP/JOHN B	BC PORT COQUITLAM	2251 MANNING AVE	V3B 1L7 06 78 81 U
SSIX0132114	IRIZHOD/JOHN E	BCVICTORIA	1297 CAMROSE CRES	V8P 1N6 <sup>,</sup> 10 77 80 U
E XM132509 E XM1235827	BISHOP/JOHN F BISHOP/KEVIN	BC VICTORIA BC BRACKENDALE	1297 CAMROSE CRES	V8P 1N6110 77 80 U .VON.1HO107.77.80.U
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	FIG. 12 SAMPLE ENFORCEMENT R	EPORT-NAME ORDER	39	

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1221373	INCLIBEDIAKI DIIS D	BC GOLD BRIDGE	GEN DEL	VOK 100 01 77 79 L
1224677	KIESENHETTER/OSKAP	BC GOLDBR IDGE	CON DCI	VOK 1PO 02 77 79 L
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1241011	WHITING/JOHN R	BC GOLDBRIDGE	ROY 1172	VOK 1V0 04 78 81 4
12175	MERCER/JBCK	BC LILLOOFT	BOX 1172	VOK 1V0 04 78 81 L
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12468	CLIFFORDZJOHN R	JEC LILLOGET	BUX 32 BOX 1226	VOK 1VO 05 77 80
12549	BRIMACOMBE/GORDON L	BC LILLUOLI	PO 80X 610	VOK 1V0 05 77 80 VOK 1V0 05 77 80
12644 12645	BEBUON/COBDUN U	RC : LILLOOET	.PO BOX 610_	VOK 1VO 05 77 80
12675	DOCKTER/OTTO	BCILILLOOFI	144 MAIN ST	VOK 1VO 04 76 79
12703	ADOLPH/DAVID W	18C LILLOOL1	* ROX 562	: VOK 1VO 04 76 79
121556	FLHHN/GOKDON P	BC / LILL OOET	BOX 966	VOK 1VO 04 76 79
121975 123021	MORERGIDENNIS L	BC LILLOOET	BOX 911	VOK 1VO 09 77 80
123045	READ/HARRY L	BCILILLOGET	80X 1150 80Y 1078	VOK 1VO 09 77 80
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124030	HUMPHREY'S/WILLIAM D	BCILILLOOET	BOX 421	VOK 1VO 06 78 81
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127824	NHPOLEONZEDNHRD	TBETLIEL OOET	80% 1981 80% 1981	VOK 1VO 08 78 81
1127960	VERHOEVE/ROBERT G	IRC ILLL OOFT	80X 159	VOK 1VO 04 78 81
1212868	RRCHOZELMER J	BCILILLOOET	BOX 578	VOK 1VO 04 78 81 VOK 1VO 04 78 81
1213204	RACHOZELMER J	BC LILLOOET	80X 578	VOK 1VO 04 78 81
1213262	DSTRANDER/HAROLD F	- BC LILLOOF	*B0X 129	VOK 1VO 04 78 81 VOK 1VO 04 78 81
1213263 1213492	DZIKHNUEKZHHKULU F	BCLILLOOET	BOX 752	VOK 1VO 04 78 81
1213797	GILLETT/GEORGE B	BCLILLOOET	BOX ESS	VOK 1VO 04 78 81 VOK 1VO 04 78 81 VOK 1VO 04 78 81
11213798	GILLETT/GEORGE B	BC LILLOOET	180% 588 .ROY 555	VOK 1VO 04 78 81
11213946	PHILLIPS/HALTER H	BC ILLL OOFT	PO BOX 975	VOK. 1VO 04. 78 81
1213997	DSTRANDER/LEWIS E SHBO/JOSEPH T	BC LILLOOFT BC LILLOOFT	PO 80X 905	VOK 1VO 04 78 81 VOK 1VO 04 78 81 VOK 1VO 05 78 81 VOK 1VO 04 78 81 VOK 1VO 04 78 81
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11214077	FOLEY/JEFFERY A	BC LILLOGET	PO BOX 745	VOF 1V0104 76 79
11214210 11214295	HALTERS/KENNETH H BRYSON/BRIAN D HANCOCK/FREDEPICK P	BC LILLOGET	80X 459	90k 100, 04 76 79
1214314	HANCOCK/FREDERICK F	BC ILILLOGET	180x 203	. VOK. 1VO 04. 76. 79. VOK. 1VO 04. 76. 79.
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11214362 11214367	HRIGHT/CHAPLES G	BC LILLOGET BC LILLOGET	BOX 911	VOF 1VO 04 76 79
11214357	HOBERGIDENNIS Flannigordon p	BC LILLOCET	PO BOX 661	VÕR 1VO 04 76 79 VOR 1VO 04 76 79
11214383 11214391	HANNAS. 'ALLEN	BC LILLOGET	BOX 517    BOX 1079	VOK 1VO 04 76 79 VOK 1VO 04 76 79
11714464	FIREA PUSSELL G	BC ILLLOGEI	802 10 9	

# 7.3 Detailed Characteristics

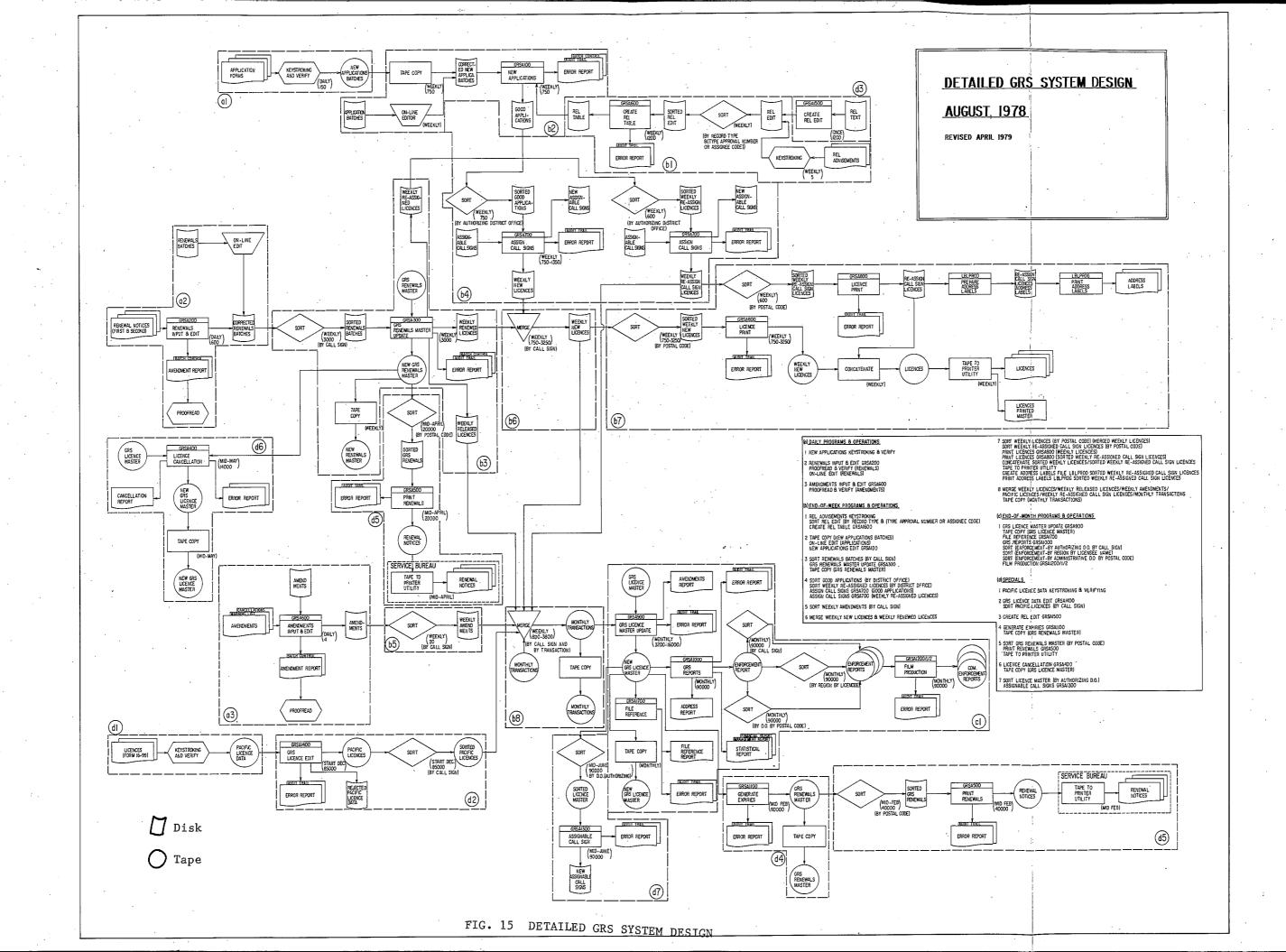
The detailed characteristics of the system are described below. They include:

- 1) Use of a computer for the record keeping, editing and production of reports and licences.
- 2) Use of electronic cash registers for financial controls
- 3) Use of OCR-A wands to process turnaround documents
- 4) Use of self-mailers for the licence
- 5) Inclusion with licence of a tear away stub to inform department of change of information.
- 6) Use of microfilm reports
- 7) New applications keystroked by outside contractor, all other changes are done via an on line terminal.

The major characteristics of the system are described in detail below.

# 1. Use of a computer

The departmental computer, a SIGMA 9, at Shirley Bay in Ottawa is used. The programs are written in ANS COBOL. They have been written in such a way that they are easily portable to other computer systems, requiring a minimum of conversion. This was demonstrated during development when the programs were initially placed on a mini computer (PRIME) and later converted with a minimum of effort to the SIGMA 9. The detailed system is shown in FIG. 15. It consists of 17 programs and approximately 25,000 lines of COBOL code. It uses mainly conventional sequential tape file management in order to achieve simplicity, portability and maintainability. This resulted in low development and operating costs as well as easily understood programming techniques and operational procedures. All master files and transaction files are maintained for 3 generations.



The computer carries out all of the following functions;

- i) Storing of all data elements for each licence. This can be used later to print licences (no typing is required) generate renewal and expiry notices, produce management, statistical, financial and enforcement reports. The computer checks the data for validity and indicates errors such as duplicate call signs. The computer keeps track of non-renewed call signs for later re-assignment.
- ii) Automatically generates call signs for new applications based upon the list of postal codes by district office and the list of assignable call signs by district office.
- iii) Keeps track and produces reports in various formats of non-renewed call signs for follow up.
  - iv) Checks applications for eligibility and completeness. This includes the automatic verification of type approval numbers versus manufacturer and model, age eligibility, etc.
  - v) Interfaces with the OCR-A wand so that the OCR-A wand can alternate with the terminal keyboard for data entry.

# 2. Use of electronic cash registers for financial control

The electronic cash registers are used to process all monies received at the GRS processing centre. Typically such monies will be in the form of cheque or money order accompanying an application for a new or renewed licence. No fee and voucher transactions are also processed. The cash register serves as a major control point for both financial and data entry control in the GRS processing centre. The cash regiser is extremely versatile producing separate audit tapes and a number of summary reports which can be used to control the operations at the processing centre. For details on the use of the cash register and sample reports refer to the "GRS Operations Manual."

# 3. Use of OCR-A wand as a turnaround document

The sending of a renewal notice and expiry notice occurs once a year during the period of February, March, April. Current and projected volumes indicate renewal processing will place substantial demands on the GRS processing centre. The collection and entry of redundant information is substantially reduced by using a turnaround document.

The turnaround document contains pre-encoded data representing the current licensee information. The licensee receives the turnaround document (the renewal or expiry notice, see Fig. 6 and 7). The turnaround document is returned with payment to the GRS processing centre.

The wand is connected in conjunction with a-terminal. In this mode the wand can alternate with the terminal keyboard for data entry.

The turnaround document is read with the OCR wand by passing over the pre-encoded data (see figure 6) in less than a second.

This has resulted in substantial reduction in the standard time for processing of renewals. The existing system has a standard time to process a renewal of 20 minutes: BMC predicted that a computerized system would reduce this time to a range of 9 to 6 minutes. The use of the OCR-A wand has reduced this time to less than 3 MIN., which is substantially better than what BMC predicted.

## 4. Use of Self-Mailer for the licence

The licence form is a self-mailer which includes a detachable amendment form. This is used by the licensee to notify the GRS processing centre of any amendments such as a change of address. This feature will keep the GRS master files up to date.

Based on the data stored in the computer files the licence is printed directly by the computer onto the self-mailer. At this point, after the necessary quality control, the licence is ready to be mailed. The advantages of using the self-mailer in conjunction with the computer when compared to a manual system are:

- i) The process of issuing a licence is speeded up.
- ii) The stuffing of envelopes is eliminated.
- iii) The typing of licences is eliminated.

# 5. Use of a renewal and expiration notice

These have been described in section 7.2

## 6. Use of microfilm reports

The microfilm reports have been described in section 7.2. Microfilm was used in the Pacific Region since microfilm readers were universally available at all district offices. In the event of national expansion a mixture of microfilm and microfichereports will probably be required.

# 7. Keystroking and On-Line Amendments via keyboard

Amendments, such as change of address is done on-line via a computer terminal. Data entry for new licences is done by an outside contractor with magnetic tapes being used to enter the data into the SIGMA 9 computer.

# 8.0 Evaluation of Pilot Project

Currie, Cooper & Lybrand were awarded the contract in April 1979 to carry out an evaluation of the pilot project. Their report recommending national expansion was completed in June 1979. The results achieved by the pilot project exceeded the expectations of the BMC study.

The evaluation of the pilot project was carried out in April, May 1979 in order to ensure that both the processing of new applications and renewals would be evaluated. The BMC study indicated that the major factor to be used in projecting manpower and system costs is to use standard times for issuing a licence under various alternatives. The study noted that the system in effect nationally prior to the pilot project uses 20 minutes as a standard time to issue a licence. The study further predicted that a computer based licensing system would have a standard time of 9 minutes with a potential of 6 minutes.

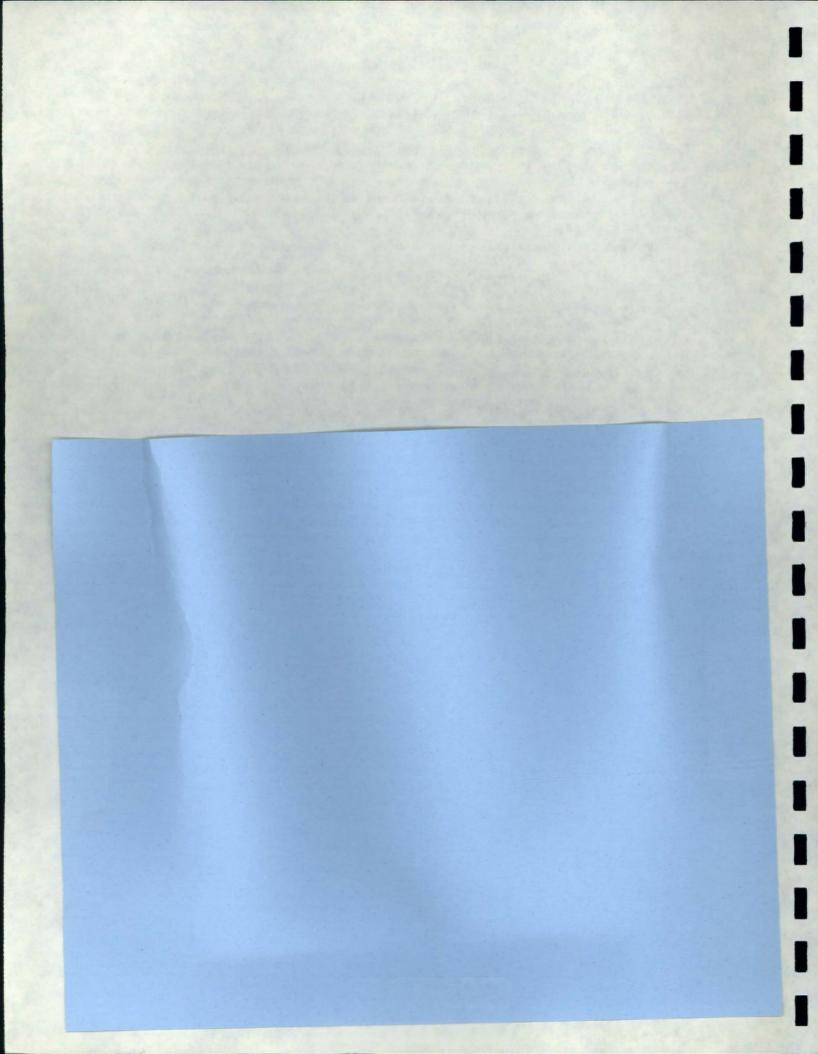
Currie, Cooper and Lybrand in their evaluation found that the standard time to issue a licence for:

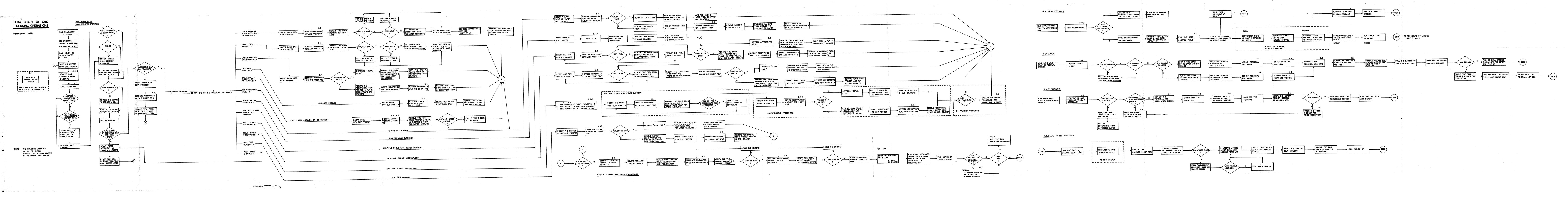
- i) a new application is less than 5 min.
- ii) a renewal is 2 1/4 min.

The efficient processing of renewals is the result of the use of a turnaround document in conjunction with the computer and the OCR-A wand. Other contributing factors are the use of the cash register, self-mailer, and computer.

### LIST OF REFERENCES

- (1) "GRS Pilot Project for Pacific Region General Design Document" dated August 18, 1978.
- (2) "General Radio Service Alternative Licensing Systems" dated October 20, 1977 by the Bureau of Management Consulting.
- (3) "Department of Communications the General Radio Service".
  - -Prospects & Band Management Strategy
  - Volume 1: Executive Summary
  - Volume 11: Detailed Report
  - Volume III: User Survey
  - by Woods, Gordon &Co. dated May 12, 1978
- (4) Department of Communications Request to Treasury Board for transfer of funds dated April 24, 1978.
- (5) Department of Communications Treasury Board Submission dated April 12, 1977.
- (6) "GRS Pilot Project for Pacific Region Detailed Design Document" dated September 1978.
- (7) "GRS Operations Manual" dated March 1979 issue 3.
- (8) GRS Pilot Project Pacific Region:
  - Working Document #1 Issue # 4 "Conceptual Framework"
    Working Document #2 Issue #3 "System Concepts Preliminary Analysis"
    Working Document #3 Issue #2 "Micrographic Systems Computer Output
    Microfilm
    Working Document #4 Issue #3 Data Base Design Considerations
- (9) Evaluation report to be produced by Currie, Coopers & Lybrand.





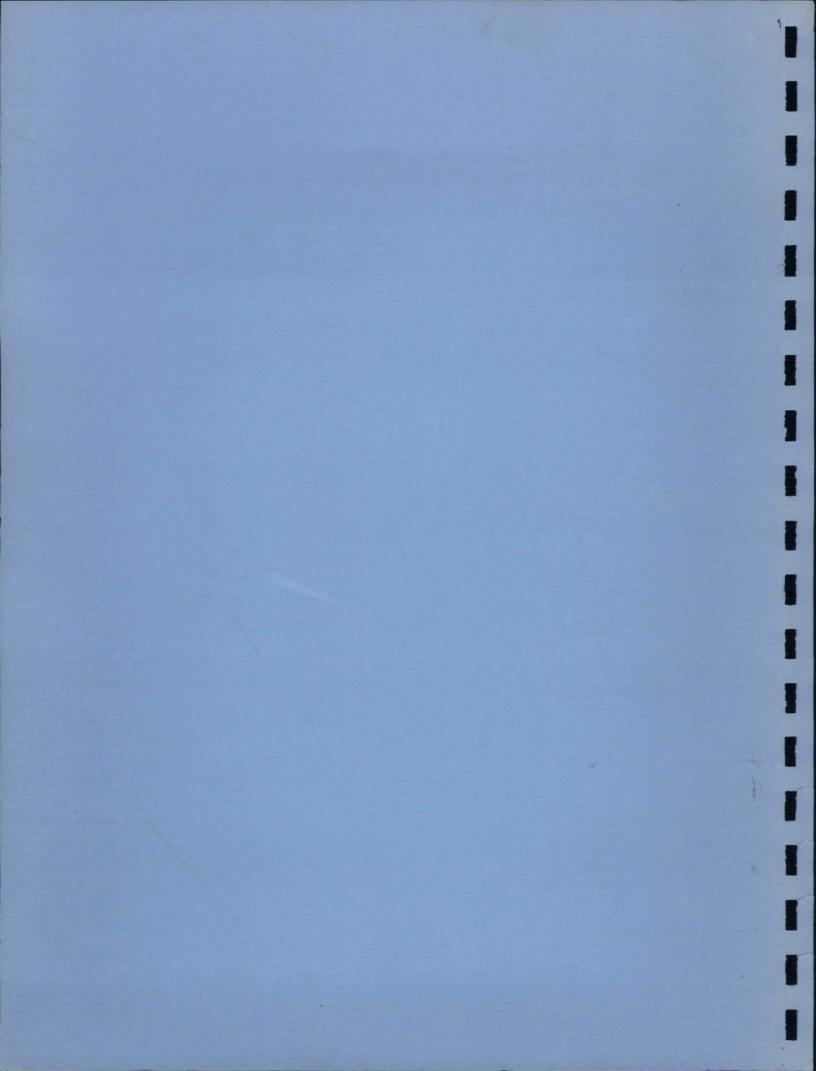


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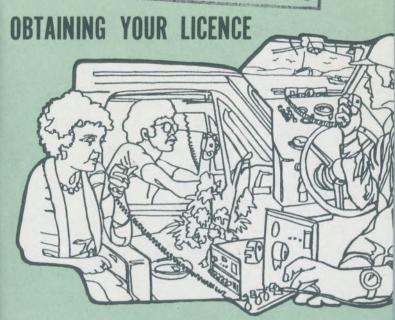


GENERAL RADIO SERVICE

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(Citizen's Band-CB)



Government of Canada Department of Communications Gouvernement du Canada Ministère des Communications



JOUR HE 8675 .64 1979 General Radio Service (GRS), popularly known as Citizen's Band (CB), is an enjoyable means of communication. Hundreds of thousands of Canadians own GRS radios and use them regularly.

Each GRS set you possess or own must be licensed by the Minister of Communications. To help you in obtaining your licence the Department has prepared this booklet. It covers the requirements to hold a GRS licence and provides a licence application form with instructions for completing it. For any help relating to radio communications and interference contact one of the Department's District Offices listed inside.

### What is GRS Used For?

GRS is a radio communication service for personal or private business use and the radio control of models. Its range is usually from 3 to 24km depending on propagation conditions and terrain. Within that range, you can communicate with any other GRS station.

There are many uses of GRS radio. Truckers will often exchange information about highway or travel conditions. A commuter with a GRS set installed in his car is able to communicate with the family at home. One of the valuable uses of GRS is to call for assistance or to pass along urgent information.

General Radio Service equipment may operate in any craft or vehicle (such as car, boat, or aircraft), at a fixed location (such as home, office, or cottage), or while carried.

### Requirements for holding a licence

- Any Canadian citizen or landed immigrant aged 16 and over is eligible (12 and over for radio control of models).
- Your GRS equipment must be type-approved for use in Canada by the Federal Department of Communications. Each type-approved unit should have a label bearing the Department of Communications (not FCC) type-approval number permanently attached to the chassis or cabinet, often on or close to the equipment identification. Equipment purchased in the United States is not licensable unless it meets Canadian standards. If you are not sure the equipment you intend to buy is type-approved for use in Canada, ask your dealer to show you the type-approval number on the set. Radio apparatus for model control does not bear any type-approval number but must be technically acceptable for use in Canada, hence it should be checked out with the nearest Departmental District Office before making purchase.

23-channel equipment is eligible for licensing only if:

- it carries a two part waiver sticker, in which case you must affix one part of the sticker to your application, or
- (2) it was previously licensed, in which case you must advise the Department and provide the call sign under which the equipment was previously licensed.

It is an offence under the Radio Act, punishable by a fine not exceeding \$2,500 or imprisonment not exceeding 12 months, to establish a GRS station or to install, operate, or possess GRS apparatus without a valid licence issued by the Minister of Communications. The only exception to the licensing requirement is low-power portable walkie-talkies (see General Radio Regulations, Part II, section 6).

### Obtaining your licence

- 1. Use the attacked GRS licence application form.
- Fill out the form carefully. Delays in obtaining licences occur because applicants have failed to provide all the necessary information on the application form.

3. British Columbia and Yukon Territory Residents only

Mail the completed form to the Department of Communications GRS Licensing Centre\* with a cheque or money order made out to the Receiver General For Canada to cover the licence fee of \$13.50. \*\* Do not mail cash or post-dated cheques. Licensees are asked to forward any change of mailing address, station location address, or equipment to the GRS Licensing Centre.\*

### \* Address of GRS Licensing Centre

GRS Licensing Centre (General) Postal Station "D" Box 2798 Ottawa, Ontario K1P 6H4

\*\* Licences are valid for a period which does not exceed three Government fiscal years (April 1st to March 31st). Your licence will, therefore, expire the third time that March 31 occurs following the date your licence was issued.

### Residents in the Rest of Canada

Mail or bring the completed form to the nearest Department of Communications District Office with a cheque or money order made out to the Receiver General for Canada to cover the licence fee of \$13.50.\*\* You may pay cash if you come in person, but do not mail cash or post-dated cheques. Licensees are asked to forward any change of mailing address or station location address to the issuing District Office.

If your GRS licence application is properly completed, you should receive your licence within a few weeks.

### **Temporary Permit**

You may use your GRS radio before receiving your formal licence by completing the application form provided with this booklet. The third part of the form serves as your temporary permit. The temporary permit is valid if you have mailed your GRS licence application form and licence fee to the Department.

### Completing Your GRS Application

Your GRS licence application, when completed, is an important legal document, so fill it out correctly. Use the form included in this brochure.

Follow the instructions and use the illustrated examples.

If you want to be licensed as a corporation (or government agency), print the official name of your company here. If you are not a corporation (or government agency) you must be licensed as an individual. Leave this blank and skip the next item.

# DEPARTMENT OF COMMUNICATIONS

Use numbers to enter the day, month, and year of the date of your company's incorporation.

Leave this blank if you are applying as an individual.

01041968

If you are applying as an individual, print your name in the following order: family name, first name, middle initial order. Leave a blank box between each.

Leave this blank if you are not applying as an individual.

# TUNI NGLEY JANE P

Use numbers to enter the day, month, and year of your birth.

Leave this blank if you are not applying as an individual.

# 14121950

Print your mailing address. If it is a post office box, rural or general delivery, you must also fill out this item.

APPLICANT'S MAILING ADDRESS ADRESSE		
Secretary and the second secretary and the second s	STREET WARREN AND NAME WARRENCE LT THE	
300 SLATER	ST	
OT TONE OF VILAD	a cost with the street	MOUNT PROPERTY.
OTTAWA		ONT KIAOCB

Check the box that best describes you or the corporation to be licensed.

LICENCEE TO	TULAME (Check	only one He	pocher qu'une	souls case)		
PARTICIALER	COMPAGNE	GOW TED	THE SECTION	GOOD WANT	00UV (81	
1						

Check the box that describes where you will normally operate your GRS station from.

TATION (Check I	he one which	Seet Bescribe	se your operation?	se cocher que le :	saw qui décrit le m	recix le station)
-	ORGI		FORE	PORTABLE	COMMUNICE IN MC	THE PERSON
CONTRACT DESCRIPTION	- ANTONET	- CONTRACT	www.orner	WALES TAKE	ANCHAST	Offices .

Print the details of the equipment you propose to use. The manufacturer's name and model/type is usually found on a metal plate permanently attached to the chassis at the back of the set. The equipment should also bear a label marked "DOC APPROVAL NO.", bearing the Department of Communications (not FCC) type-approval number, a 9 digit number.

IMPORTANT: If you can not provide this number your set will not be authorized for use in Canada.

For further information check with your nearest Departmental Office.

Use the code from TABLE 1 for the manufacturer's name.

RADIO EQUIPMENT DATA OCTAILS DU MATERIEL RI		
MANAGEMEN CORE CORE DE PARRICANT DEs Tains Lot be	They for street. In factories	
ABL	3	
THE OR MODEL NUMBER OF	THE ST PLANE OF MARKET AND A STREET STREET, THE PARTY AND ASSESSED.	N. COLATION DU MOC
G123R/M30	09936	6094

If you intend to operate your equipment from a fixed location, which is different from your mailing address, complete this.

# YOU WIEND TO CHERATE AT A FIRED LOCATION WHICH IS O	PERSON FROM MALING ADDRESS DIVE THE STATION ADDRESS IN LADRESSE POSTALE DOMAIN LADRESSE DE LA STATION	
Marie and Printers and Publishers an	MEET HUMBER AND NAME WINDERD ST RUE	
RR 2		
COTY TOWN OR VILLAGE CITE VI	If OF VELLEY	POSTAL COOK COOK POSTAL
PATHLOW	SASI	K SOK 3BO

Print your temporary call sign.

Use this temporary call sign until your permanent call sign and licence are issued by the Department of Communications.



Read these statements carefully.

If you cannot certify to all of them, and still wish to apply for a GRS licence, contact the Department of Communications.

- 1 am not the subject of any legal action concerning the operation of a racic station - I have not been denied a GRS loance nor had a GRS loance revoked by the Department.

— The station equipment is type approved by the Minister of Communications for use in Canada or if the equipment is for radio coming of models is activizely acceptable by the Minister of Communications for use in Canada.
— The station will be operated in accordance with the General Region Regulations and will not exceed.

the power limits authorized therein.

The statements made in this appropriation and true and complete and context to the best of my knowledge.

Sign your name.

Jane Tuning ley

Print your corporate title, if applying for a licence in the name of a corporation.

SALES MANAGER

Enter today's date.

FEBRUARY I, 1979

Print the telephone number, at which you may be contacted, in case you have to be reached if problems arise concerning your application.

(613) 555-1212

### Checklist:

- (1) Cheque or money order for \$13,50 made out to the Receiver General For Canada. You must submit a separate application form and licence fee for each unit in your possession. Please do not mail cash or post-dated cheques.
- (2) (If necessary) Form 16-30, "Particulars of Proposed Site and Radio Antenna Structures", is required to be submitted by you when you intend to erect a new antenna structure:
  - a) within a 3 km radius of the centre of an airport;
     or
  - b) in excess of 15 metres above the surface of the ground at the site.

Antenna structures that exceed this criteria are not to be erected without prior approval.

This form is available from any Departmental District Office.

- (3) (23-channel equipment only) Include one part of the waiver sticker or the call sign under which the equipment was previously licensed.
- (4) Top two copies of the GRS application form must be submitted to the appropriate DOC address. Retain the third copy: this becomes your temporary permit.

### **B.C. and Yukon Territory Residents**

Mail these to:

GRS Licensing Centre (General) Postal Station "D" Box 2798 Ottawa, Ontario K1P 6H4

### Residents in the Rest of Canada

Bring or mail these to your nearest District Office (see Table 2).

### TABLE 1

# LIST OF MANUFACTURERS AND THEIR CODES

A B LAFA RADIO	ABL
A C SIMMONS & SONS	ACS
ALLIED RADIO	ALR
AMAKORU CORPORATION	
	AMA
AMERICAN GENERAL SUPPLY	AGS
AMPHENOL CANADA	AMP
APELCO	APE
ARA MFG	ARM
ASAHI	ASC
AUTOMATIC RADIA JAPAN	ARJ
AUTOMOTIVE SOUND INDUSTRIES	ASI
B & B IMPORT EXPORT	BBI
BAILEY BROTHERS	BAB
BETIEK	BEL
BRISTOL ELECTRONICS	BRE
BROWNING LABORATORIES	BRL
	-
CADRE INDUSTRIES	CAI
CAM GARD SUPPLY	CGS
CANADIAN MARCONI	CMC
CANADIAN TIRE	CTC
CARDON IMPORT	CAM
CARRADY HAIAT	CAH
CHELCO INDUSTRIES	CHD
CHISHOLM INDUSTRIES	CHI
CLARION	CLA
COLT COMMUNICATIONS	COM
COMMUNICATIONS POWER	COP
CONEY ONKYO	COO
CONRAD ENTERPRISES	COE
CORNELL DUBILIER ELECTRIC	CDE
COURIER COMMUNICATIONS	COC
CRAIG	CRC
CYBERNET	
	CYB
DAEIL ELECTRONICS	DAE
DAYSTROM	DAY
DYNASCAN	DYN
E A TOWNS	EAT
E F JOHNSON	EFJ
ECHO COMMUNICATIONS	ECC
EICO ELECTRONIC INSTRUMENT	EEI
EIWA SANGYO	EIS
ELECTRONIC DISTRIBUTORS	ELD
ELECTRONICS COMMUNICATIONS	ELC
FANON ELECTRONIC INDUSTRIES	FAN
FRIED TRADING	FRT
FUGITU-TEN	FUT
	FUE
FUNAI ELECTRIC	
GAMASONICS CANADA	GAM
GEM MARINE PRODUCTS-GEMTRONICS	GMP
GENERAL MOTORS	GMC
	_
GUARDIAN TRANSCEIVER	GUT
HALLICRAFTERS	HAL
HANDIC BOL AGEN	HAB
HAYAWAKA ELECTRIC	HAE
HITACHI ELECTRONICS	ніт
HOFSTETTER MFG	HOM

HY-GAIN DE PUERTO RICO HYG IMPORTHOUSE OF CANADA IMP INTER-MARK INM INTERNATIONAL COMMUNICATIONS INC INTERNATIONAL CRYSTAL MFG 1CM JAPAN ELECTRONIC BUSINESS **JEB** JETRONIC INDUSTRIES JEL JIL JIL JUI JUTAN IMPORTERS KAR KAAR ELECTRONICS KOE KOMATSU ELECTRONICS **KRACO ENTERPRISES** KRE KRIS KRI LAFAYETTE RADIO ELECTRONICS LRE LINDSAY ELECTRONICS LIE LINEAR SYSTEMS LIS LOCK ENTERPRISES LOE LOVATT ENGINEERING LOV M H SCOTT MHS MANDREL INDUSTRIES MAN MANOTICK ELECTRONICS MAE MARANTZ JAPAN MAR MATSUSHITA MED MEIHOH ELECTRONICS MEE MEISEI ELECTRIC MES MEL MEISHOH MIRATEL ELECTRONICS MIE MITSUBISHI MIT MORROW ELECTRONIC INDUSTRIES MEN MOTOROLA MOT MULTI-PRODUCTS MEC **NEW ONE TRADING** NOT NIHON TUSHINKI NIT NIPPON ALPHA ELECTRIC NAE OLYMPOS ELECTRONICS OLE **OSBORNE ELECTRONICS** OSE PAI ELECTRONICS PAI PALOMAR ELECTRONICS PAE PATHCOM-PACE DIV PAT PEARCE-SIMPSON PES POLYTRONICS LABORATORY POL POWER ELECTRONICS POE POWER PARTS POP PRESIDENT ELECTRONICS PRE RADIO MFG ENGINEERS RME RADIO SHACK RSH RAY JEFFERSON RAJ RCA **RCA** REGENCY ELECTRONICS REE ROBERT BOSCH

ROBERTS ELECTRONICS

SCHLUMBERGER CANADA-HEATH DIV

ROYCE ELECTRONICS

SAMDO ELECTRONIC

SHARK ELECTRONICS

SHARPE INSTRUMENTS

SHIM-TOM ELECTRONICS

SAN ELECTRONICS

SHAWA ELECTRIC

SHPARKER

SBE

ROB

ROL

ROE

SHP

SAL

SAE

SBE

HKT

SHE

SIC

SHL

STE

SHINTON	SHI
SONAR RADIO	SON
SONY	SOY
SPARKOMATIC	SPA
SPILSBURY & TINDALL	SPT
STANDARD COMMUNICATIONS	STC
SUMITOMS SHOJI KAISHA	SSK
SUPERIOR ELECTRONICS	SUP
TANDY-RADIO SHACK DIV	RSH
TEABERRY ELECTRONICS	TEE
THE GENERAL	THG
TOA MUSEN	TOM
TAKAI COMMUNICATIONS APPARATUS	TCA
TOYKO SANSEI	TSA
TOKYO INDUSTRY	TOI
TOSHIBA	TOS
TOYO ELECTRIC	TOE
TOYO RADIO	TOR
TRAM ELECTRONICS	TRL
TRANSWAVE ELECTRONICS	TRE
TRIPPE ELECTRONICS-COMMANDER	TRC
UNI ELECTRONICS	UNE
UNIMETRICS	UNI
VICTOR	VIC
VOLVO	VOL
WEBSTER MFG	WEB
WECKE & THURM	WET
YOUNG SPRING & WIRE-GONSET DIV	GON
ZAITZEFF	ZAI
ZODIAC COMMUNICATIONS	ZOC

If your equipment manufacturer's name is not on this list, provide the full name in the appropriate boxes.

### Safeguarding your property

Your GRS set is valuable. Write down the manufacturer, model and serial number of your equipment and keep this information in a safe place. Should you need to contact the police, they will want this information. We strongly recommend you use your local Operation Identification program as a means to protect your GRS equipment.

#### Identifying yourself

The regulations governing the use of GRS require that you identify yourself by your call sign which you obtain with your licence (or your temporary call when operating under your temporary permit). This is an important regulation since you may be causing interference to TV or other radio reception, or be on the receiving end of interference. Without adequate identification the task of locating an interfering transmitter, correcting the problem, and helping you get better service is made more difficult.

### We Listen

The Department of Communications monitors GRS radio communications to ensure that stations are transmitting on frequency and that users are observing the regulations. If a station is found to be operating improperly, an infringement report is sent to the licensee. Should you receive such a report, correct the fault and advise the Department.

Infringements may result in fines, licence suspensions and/or licence cancellations. Breach of the Regulations governing GRS stations or equipment is punishable by a fine not exceeding \$1,000 and costs, or to imprisonment not exceeding 6 months.

### **Further Reading**

A free copy of the General Radio Service Handbook is available at the Department's District Offices. It contains a wealth of information for GRS users. The official regulations governing GRS can be found in the General Radio Regulations, Part II. We also suggest that you consider joining or forming a GRS club in your area. It is one good way to learn more about GRS.

### **Any Questions?**

If you have questions concerning GRS, write to us:

Department of Communications
Telecommunication Regulatory Service
Journal Tower North
300 Slater Street
Ottawa, Ontario K1A 0C8

or contact any one of our District Offices listed below. We will be glad to help you.

### TABLE 2

# Department of Communications District Offices

### Newfoundland

Corner Brook, Nfld. Federal Building Main Street Box 811 A2H 6H6

Tel: (709) 634-7932

St. John's, Nfld. Room 612 Sir Humphrey Gilbert Building Duckworth Street A1C 5W1

Tel: (709) 737-4889

#### Prince Edward Island

Charlottetown, P.E.I. 180 Kent Street C1A 1N7 Tel: (902) 892-4271

### Nova Scotia

Halifax, N.S. 6009 Quinpool Road B3K 5J7 Tel: (902) 426-3810

Sydney, N.S. 500 King's Road B1A 1B2 Tel: (902) 584-8319

#### **New Brunswick**

Bathurst, N.B. 159 Main Street E2A 3Z2 Tel: (506) 546-9948 Moncton, N.B. 77 Vaughan Harvey Blvd. E1C 8P9 Tel: (506) 658-4890

Saint John, N.B. 189 Prince William Street E2L 4S6

Tel: (506) 858-2025

### Quebec

Chicoutimi, Quebec 942 Chabanel Street G7H 5W2 Tel: (418) 549-5781

Montreal, Quebec 19th Floor 2085 Union Avenue H3A 2C3 Tel: (514) 283-5682

Noranda, Quebec 32 Frédéric Hébert Avenue J9X 1V2 Tel: (819) 764-6196

Quebec, Quebec Room 436 2 Place Quebec G1R 2B5

Tel: (418) 694-3880

Rimouski 140 St. Germain West G5L 4B5 Tel: (418) 722-8833 Sept Iles, Quebec 2nd Floor 701 Laure Boulevard G4B 1X8

Tel: (418) 962-6970

Sherbrooke, Quebec 1650 King Street West J1J 2C3

Tel: (819) 565-4917

Trois Rivières, Quebec Room 337 Public Building 1285 Notre Dame G9A 5E3 Tel: (819) 376-1232

#### Ontario

Hamilton, Ontario 135 James Street South L8P 2Z6

Tel: (416) 523-2301

Kenora, Ontario Room 154 Federal Building P9N 2X9 Tel: (807) 468-9041

Kingston, Ontario Room 273 Federal Building Clarence Street K7L 4X1

Tel: (613) 546-7361

Kitchener, Ontario 30 Duke Street West N2H 3W5

Tel: (519) 745-7722

London, Ontario 451 Talbot Street N6A 5C9

Tel: (519) 679-4336

North Bay, Ontario Room 301 222 McIntyre Street West P1B 8J5

Tel: (705) 472-4465

Ottawa, Ontario 473 Albert Street K1R 5B4

Tel: (613) 992-4677

Sault Saint Marie, Ontario 421 Bay Street P6A 5N3

Tel: (705) 254-7411

Thunder Bay, Ontario 33 Court Street South P7B **2**W6

Tel: (705) 344-9689

Toronto, Ontario 55 St. Clair Avenue East M4T 1M2

Tel: (416) 966-8215

Windsor, Ontario 880 Ouellette Street N9A 1C7

Tel: (519) 254-4335

#### Manitoba

Thompson, Manitoba 436 Thompson Drive R8N 0C6 Tel: (204) 677-5791

Winnipeg, Manitoba Room 2300 1 Lombard Place R3B 2Z8 Tel: (204) 985-5590

### Saskatchewan

Regina, Saskatchewan 2101 Scarth Street S4P 2H9

Tel: (306) 569-5010

Saskatoon, Saskatchewan 206 Circle Drive East S7K 0T5

Tel: (306) 665-4893

#### Alberta

Calgary, Alberta 205 – 8th Avenue, S.E. T2G 0K9 Tel: (403) 231-4203

Edmonton, Alberta 10025 - 106 Street T5J 1G6

Tel: (403) 425-5612

Grande Prairie, Alberta Room 202 11117-100 Street T8V 2N2

Tel: (403) 532-3533

### British Columbia

Cranbrook, B.C. 11 - 14th Street South V1C 2W9

Tel: (604) 426-8908

Kelowna, B.C. 471 Queensway V1Y 6S5

Tel: (604) 762-3342

Langley, B.C. 3884 - 192 Street Box 3396 V3A 3R7 Tel: (604) 576-8691

Prince George, B.C. 1294 - 3rd Avenue V2L 3E7

Tel: (604) 562-4148

Prince Rupert, B.C. Room 227 Federal Building V8J 1G8 Tel: (604) 624-2050

Vancouver, B.C. Room 300 325 Granville Street V6C 1S5 Tel: (604) 666-6823

Victoria, B.C. 816 Government Street V8W 1W9 Tel: (604) 566-3805

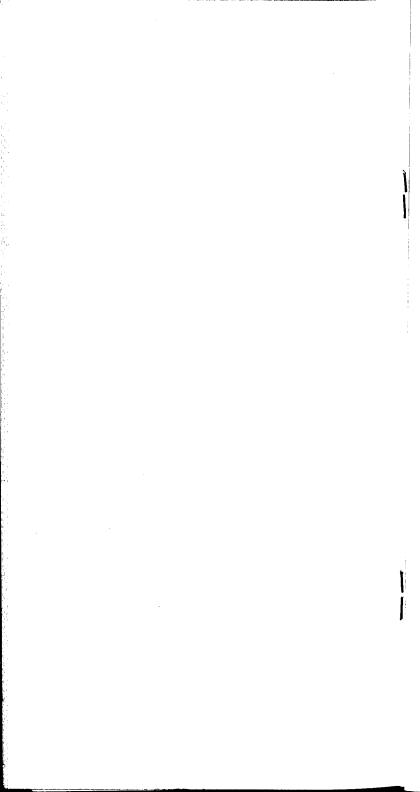
### Northwest Territories

Fort Smith, N.W.T. Post Office Building Box 540 XOE OPO Tel: (403) 872-2187

Yellowknife, N.W.T. Bellanca Building Box 2700 X0E 1H0 Tel: (403) 873-3568

### Yukon

Whitehorse, Y.T. Room 201 4133 - 4th Avenue Y1A 1H8 Tel: (403) 667-6439





Government of Canada Department of Communications

# GENERAL RADIO SERVICE LICENCE APPLICATION

IN ACCORDANCE WITH THE PROVISIONS OF THE RADIO ACT AND THE RADIO REGULATIONS MADE THEREUNDER

Gouvernement du Canada Ministère des Communications

# DEMANDE DE LICENCE DE SERVICE RADIO GÉNÉRAL

CONFORMÉMENT AUX DISPOSITIONS DE LA LOI SUR LA RADIO ET DU RÉGLEMENT GÉNÉRAL SUR LA RADIO

WARNING: TO OPERATE WITHIN THE LAW EACH SET NEEDS ITS OWN GRS LICENCE. THE LAW PROVIDES PENALTIES FOR FALSE STATEMENTS.

#### INSTRUCTIONS

Complete form by block printing or typing in one character per box. Leave a blank box to indicate a space is required between words and/or numbers. DO NOT USE PUNCTUATION MARKS.



AVERTISSEMENT: LA LOI EXIGE UNE LICENCE DU SRG POUR CHAQUE APPAREIL. LES PERSONNES QUI FONT DE FAUSSES DÉCLARATIONS SONT PASSIBLES DE SANCTIONS.

Remplir la formule en lettres moulées ou en caractère d'imprimerie, une lettre par case. La un espace entre les mots et les nombres. NE PAS EMPLOYER DE SIGNES DE PONCTUATION

	NAME OF COMPANY OR GOVERNMENT AGENCY/NOM DE LA COMPAGNIE OU DE L'AGENCE GOUVERNEMENTALE	DATE INCORPORATED/CONSTITUEE LE D'J M/M YEAR/ANNÉE
"B"	FAMILY NAME GIVEN NAME AND INITIAL/NOM DE FAMILLE PRENOM ET INITIALE	DATE OF BIRTH/DATE DE NAISSANCE DIJ M.M. YEAR, ANNEE
PPLICANTS	MAILING ADDRESS/ADRESSE POSTALE DU REQUÉRANT	
111	STREET NUMBER AND NAME NUMERO ET RUE	DEPARTMENT USE ONLY/A L'USAGE DU MINISTÈRE
	CITY, TOWN OR VILLAGE CITÉ VILLE OU VILLAGE PROVINCE POSTAL CODE COI	LICENCE TERM STATION ADDRESS OVERPAYMEN PERIODE DE ADRESSE DE PAIEMENT LA LICENCE LA STATION EN TROP
ICENCEE/TI	TULAIRE (Check only one/Ne cocher qu'une seule case)	
INDIVIDUAL	COMPAGNIE GOUV FED GOVT PROV GOUV MUN GOUV EXT	COMPLETE BOXES BELOW THIS WILL BE YOUR CALL SIGN UNTIL THE DEPARTMENT
		ASSIGNS YOU AN OFFICIAL ONE REMPLIR LES CASES CI-DESSOUS L'INDICATIF D'APPEL AINSI FORMÉ SERA EI VIGUEUR JUSQU'À CE QUE LE MINISTERE ATTRIBUE UN INDICATIF OFFICIE À LA STATION FIRST LETTER OF FAMILY NAME
TATION (Ch	eck the one which best describes your operation/Ne cocher que la case qui décrit le mieux la station)	PREMIÈRE LETTRE DU NOM
-	MOBILE FIXE PORTABLE MODEL CONTROL FIXE PORTATIF COMMANDE DE MODELE REDUIT	FIRST LETTER OF FIRST NAME PREMIÈRE LETTRE DU PRENOM CODE POSTAL DE L'ADRESSE POSTALE
	BOAT AIRCRAFT OTHER HOME OFFICE WALKIE-TALKIE AIRCRAFT OTHER AUTRE RESIDENCE/BUREAU WALKIE-TALKIE AERONEF AUTRE	TEMPORARY CALL SIGN INDICATIF D'APPEL TEMPORAIRE
VEHICULE BY		
RADIO EQUI	PMENT DATA/DÉTAILS DU MATÉRIEL RADIO	
RADIO EQUI	PMENT DATA/DÉTAILS DU MATÉRIEL RADIO  R CODE CODE DE FABRICANT (See Table 1 of brochure Vor tableau 1 de l'opuscule)	
RADIO EQUI	R CODE/CODE DE FABRICANT (See Table 1 of brochure Voir tableau 1 de l'opuscule)	N- DHOMOLOGATION DU MDC
RADIO EQUI	R CODE/CODE DE FABRICANT (See Table 1 of brochure Voir tableau 1 de l'opuscule)	N- DHOMOLOGATION DU MDC
AADIO EQUII MANUFACTURE	TYPE OR MODEL NUMBER GENRE OU NUMERO DE MODELE DOC TYPE APPROVAL NO  TO OPERATE AT A FIXED LOCATION WHICH IS DIFFERENT FROM MAILING ADDRESS GIVE THE STATION ADDRESS ON A LIEU A UN ENDROIT FIXE DIFFERENT DE L'ADRESSE POSTALE DONNER L'ADRESSE DE LA STATION	N. DHOMOLOGATION DU MDC
AADIO EQUII MANUFACTURE	R CODE CODE DE FABRICANT (See Table 1 of brochure Vor tableau 1 de l'opuscule)  TYPE OR MODEL NUMBER GENRE OU NUMERO DE MODELE  DOC TYPE APPROVAL NO  TO OPERATE AT A FOXED LOCATION WHICH IS DIFFERENT FROM MAILING ADDRESS	N° DHOMOLOGATION DU MDC
AADIO EQUII MANUFACTURE	TYPE OR MODEL NUMBER GENRE OU NUMERO DE MODELE DOC TYPE APPROVAL NO  TO OPERATE AT A FIXED LOCATION WHICH IS DIFFERENT FROM MAILING ADDRESS GIVE THE STATION ADDRESS ION A LIEU A UN ENDROIT FIXE DIFFERENT DE L'ADRESSE POSTALE DONNER L'ADRESSE DE LA STATION  STREET NUMBER AND NAME NUMERO ET RUE	
RADIO EQUII MANUFACTURE	TYPE OR MODEL NUMBER GENRE OU NUMERO DE MODELE DOC TYPE APPROVAL NO  TO OPERATE AT A FIXED LOCATION WHICH IS DIFFERENT FROM MAILING ADDRESS GIVE THE STATION ADDRESS ON A LIEU A UN ENDROIT FIXE DIFFERENT DE L'ADRESSE POSTALE DONNER L'ADRESSE DE LA STATION	

- The station equipment is type approved by the Minister of Communications for use in Canada, or if the equipment is for radio control of models, is technically acceptable by the Minister of Communications for use in Canada. The station will be operated in accordance with the General Radio Regulations and will not exceed
- the power limits authorized therein
- The statements made in this application are true and complete and correct to the best of my knowledge.

- que je ne suis pas visé(e) par une poursuite judiciaire relative à l'exploitation d'une station radio;
   qu'aucune licence du SRG ne m'a été ni refusée ni retirée par le Ministère.
   que le matériel de la station est homologué par le ministre des Communications en vue de son utilisation au Canada ou, si le matériel servira à la télécommande de modéles réduits, il est déclaré acceptable du point de vue technique par le ministre des Communications en vue de son utilisation. au Canada
- que la station sera exploitée conformément au Réglement général sur la radio et sa puissance ne dépassera pas celle permise par ledit Réglement;
   que les déclarations faites dans la présente demande sont, pour autant que je sache, véridiques et complètes;

DATE SUBMITTED DATE SOUMISE

TELEPHONE NO NODE TELEPHONE

# Service Radio Général

COMMENT OBTENIR VOTRE LICENCE



(Citizen's band-CB)



Gouvernement du Canada Ministère des Communications Government of Canada Department of Communications



Le service radio général (SRG), communément appelé Citizen's Band (CB), est un moyen agréable de communiquer. Des centaines de miliers de Canadiens possèdent des appareils SRG et s'en servent régulièrement.

Vous devez détenir une licence du ministre des Communications pour chaque appareil SRG en votre possession et le Ministère a préparé cet opuscule pour vous aider à l'obtenir. Il y explique les exigences relatives à la licence SRG et vous fournit une formule de demande, en vous indiquant comment la remplir. Pour plus de renseignements sur les radiocommunications et le brouillage, n'hésitez pas à vous adresser à l'un des bureaux de district du Ministère dont vous trouverez la liste ciaprès.

### Définition du service radio général ou SRG

Le SRG est un service de radiocommunication à l'usage des particuliers et des entreprises privées. Il permet également de commander des modèles réduits. Tout dépendant des conditions de propagation et du terrain, vous pourrez grâce à lui entrer en contact avec un autre SRGiste dans un rayon de 3 à 24 km.

Le service radio général est d'utilité multiple. Ainsi, un camionneur y aura recours pour demander à un compagnon quelles sont les conditions de la route, ou un automobiliste pour communiquer avec sa famille à la maison. Le SRG est aussi de grande valeur en cas d'urgence pour obtenir de l'aide ou transmettre des renseignements pressants.

Le matériel SRG peut être employé à bord d'un automobile, d'une embarcation, ou d'un aéronef, à un point fixe (foyer, bureau, chalet), ou comme appareil portatif.

#### Conditions de licence

- Tout citoyen canadien ou immigrant recu qui est âgé de 16 ans ou plus peut obtenir une licence et toute personne agée de 12 ans ou plus est admissible à une licence de commande de modèles réduits.
- Le matériel SRG doit être homologué par le ministère fédéral des Communications, aux fins d'utilisation au Canada. Le numéro d'homologation du Ministère (non celui de la FCC) paraît sur une étiquette accolée au châssis ou à la boite, souvent sur la plaque d'identification ou tout près. Le matériel en provenance des États-Unis ne peut être utiliser au Canada que s'il rencontre les normes canadiennes. En cas de doute, demandez au marchand de vous montrer le numéro d'homologation de l'appareil. Les appareils de commande de modèles réduits doivent être techniquement acceptables aux fins d'utilisation au Canada, et de ce fait, ne sont pas soumis à l'exigence d'homologation. Par conséquent, il convient de consulter le bureau de district du ministère des Communications le plus rapproché pour vérifier s'ils sont acceptables, avant de les acheter.

les appareils à 23 voies ne peuvent faire l'objet d'une licence sauf:

- s'ils portent une étiquette en deux parties indiquant le numéro de dispense, auquel cas vous devez joindre une partie de l'étiquette à votre demande; ou
- s'ils ont fait l'objet d'une licence antérieurement, auquel cas le demandeur doit en informer le Ministère et mentionner l'indicatif d'appel correspondant à la licence antérieurement délivrée.

L'installation, l'exploitation ou la possession d'un appareil SRG sans être titulaire d'une licence valable, délivrée par le ministre des Communications, constitue une infraction à la Loi sur la radio, passible d'une amende n'excédant pas \$2,500 ou d'un emprisonnement d'au plus 12 mois. Seuls les émetteurs-récepteurs portatifs à faible puissance (c.f. GRR, partie II, section 6) sont dispensés de la licence.

# Marche à suivre pour obtenir votre licence

- Employer la formule de demande de licence SRG que contient cet opuscule.
- Remplissez-la attentivement et assurez-vous de bien donner tous les détails voulus afin d'éviter tout retard inutile.
- 3. Si vous habitez en Colombie-Britanique et au Yukon, postez la demande dûment remplie au Centre de licences SRG\*, avec un chèque (s.v.p. ne le postdatez pas) ou mandat-poste de \$13.50\*\* libellé à l'ordre du Receveur général du Canada. Veuillez ne pas envoyer d'argent comptant par la poste. Les titulaires de licence SRG sont priés de communiquer tout changement d'adresse postale, de l'emplacement de la station ou de matériel au Centre de licences SRG\*.

#### \* Adresse du Centre de licences SRG

Centre de licences SRG (Géneral) Succursale D C.P. 2798 Ottawa (Ont.) K1P 6H4

\*\* Les licences sont valables pour trois ans au maximum; elles expirent toujours le 31 mars de la troisième année, à compter de la date de délivrance.

Si vous habitez dans une autre région du Canada, faites parvenir la demande dûment remplie au bureau de district du ministère des Communications le plus rapproché, avec un chèque (s.v.p. ne le postdatez pas) ou mandat-poste de \$13.50\*\* libellé à l'ordre du Receveur général du Canada. Un paiement comptant sera accepté si vous vous présentez au bureau de district, mais veuillez ne jamais envoyer d'argent comptant par la poste. Les titulaires de licence sont priés de communiquer tout changement d'adresse postale ou de l'emplacement de la station au bureau de district qui a délivré la licence.

En remplissant correctement la formule de demande, vous vous assurez de recevoir votre licence dans les plus bref délais.

#### Permis temporaire

Pour utiliser votre appareil SRG sans délai, veuillez conserver la troisième copie de la formule de demande de licence. Elle sert de permis temporaire et entre en vigueur dès le moment où vous postez votre demande et votre taxe de licence SRG.

#### Préparation de la demande

La demande de licence SRG tient de document juridique; il importe donc de la remplir correctement, Veuillez utilizer la formule ci-jointe.

Lisez les instructions attentivement et référez-vous aux exemples donnés.

Si vous désirez que la licence soit délivrée au nom d'une société (ou d'une agence gouvernementale), inscrivez le nom de la société (en lettres moulées, s.v.p.).

Si ce n'est pas le cas, la licence doît être délivrée à votre nom personnel. N'inscrivez rien et dépasser l'itème suivante.

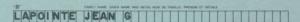
Inscrivez la date de constitution en société de votre firme en utilisant des chiffres pour indiquer le jour, le mois et l'année.

N'inscrivez rien, si la licence doit être délivrée à votre nom personnel.



Si la licence doit vous être délivrée personnellement, inscrivez ici, votre nom, prénom et initiale, en lettres moulées et en les séparant d'une case.

N'inscrivez rien ici, si la licence est délivrée à une société ou à une agence.



Inscrivez votre date de naissance, en utilisant des chiffres pour indiquer le jour, le mois et l'année.

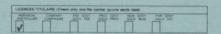
N'inscrivez rien ici, si la licence est délivrée à une société ou à une agence.



Inscrivez votre adresse postale en lettres moulées. Donnez, s'il y a lieu, le numéro de case postale et indiquez si votre courrier est adressé à poste restante ou livré par un facteur rural.

APPLICANTS MAILING ADDRESS ADRESSE PO	STALE DU REQUERANT			NO CONTRACTOR OF LAND
2085 AVENUE	UNION	T T T		
MONTREAL		TITT	QUE	H3A2C3

Cochez la description qui représente le mieux le requérant de licence.



Cochez la description qui correspond à l'endroit d'où sera normalement exploitée la station.



Inscrivez en lettres moulées les caractéristiques du matériel employé.

Le nom du fabricant, le modèle ou le genre d'appareil et le numéro de série paraissent habituellement sur la plaque affixée en permanence au châssis, au dos de l'appareil. Il doit également se trouver sur l'appareil une étiquette intitulée Nº d'HOMOLOGATION DU MDC, donnant le numéro d'homologation attribué par le ministère des Communications. Ce numéro est différent de celui de la FCC et se compose de neuf chiffres.

IMPORTANT: Si vous ne rapportez pas un numéro d'homologation du MDC sur votre demande, votre licence SRG ne peut être émise. Pour de plus amples renseignements, veuillez communiquer avec le bureau de district le plus rapproché.

Utilisez les codes donnés au TABLEAU 1 pour indiquer le nom du fabricant.



Si vous comptez exploiter votre matériel à partir d'un endroit fixe qui ne correspond pas à votre adresse postale, remplissez cette section.



Inscrivez votre indicatif d'appel temporaire, en lettres moulées s.v.p.

Employez-le jusqu'à ce que vous receviez l'indicatif d'appel permanent assigné par le ministère des Communications.



Lisez les énoncés ci-dessous attentivement, ils vous engagent à respecter le règlement sur le SRG.

Si vous ne pouvez pas y souscrire et désirez quand même demander une licence SRG, veuillez communiquer avec le Ministère.

- Ja certifici.

   Que je suis citopen canadien, immigrant réqui ou représentant de la compagnie au nom de lequelle je las la présente domande.

   que je suis de présente domande.

   que je suis deg d'au monte seuse ans sitouse ans si la bornox est destinée à un appareil de telé
- gaue ja suin Sige d'au moint évise ans situaux ans le somme de commande à un appareir qui et commande de modifier réductif.
   que ja ne suis pas visétes par une poursuire judicieire retélève à l'exploitéoné d'une station rédion de la commande del la commande del la commande de la commande de la commande de la commande de la commande de la commande de la commande de la commande de la commande de la commande de la commande de la commande de la commande de la commande de la commande de la commande del la commande de la commande de la commande de la commande de la commande de la commande de
- que le mastrier de la sasson est horhologue par le nimitare des Communications en vuel de le Júrsielon au Canada nu le matérier avenra à la télécommande de modéles réquis. Il est déces acceptable du point de vue technique par le ministre des Communications en vuel de son utilisate su Canada.
- que la sassion sera explosées comitainement au responsent general sur la racio et sa pussantia ni dépalaters pas code permise par ledit Réforment.
   que les déclarations faires dans la présente demande sont, pour autent que je sache, veridique et composition.

Signer la demande.

Jean Gavand Lapointe

Inscrivez votre titre, si la licence doit être délivrée au nom d'une société.

Prisident

Mettez la date du jour où vous faites la demande.

le ler fevrier, 1979

Donnez le numéro de téléphone où l'on pourrait vous rejoindre si jamais votre demande posait quelque difficulté.

(514)555-1212

#### Liste de contrôle

- Préparez un chèque ou mandat-poste de \$13.50 à l'ordre du Receveur général du Canada. Vous êtes tenu de présenter une formule de demande distincte et de payer la taxe pour chaque appareil que vous possédez, Prière de n'envoyer ni argent comptant ni chèque postdaté.
- 2) Vous êtes tenu de présenter la formule 16-30 intitulée "Détails sur l'emplacement et les bâtis d'antenne radio" si vous avez l'intention d'ériger un nouveau bâti d'antenne:
  - a) dans un rayon de 3 km du centre d'un aéroport; ou
  - b) d'une hauteur de plus de 15 m au dessus de la surface du sol à l'emplacement du bâti d'antenne.

Les bâtis d'antenne qui ne sont pas conformes à ces critères ne doivent pas être érigés sans une approbation préalable. On peut se procurer cette formule en s'adressant à l'un des bureaux de district du ministère des Communications.

- (Appareils à 23 voies seulement) Joignez à votre demande une partie de l'étiquette de dispense ou indiquez l'indicatif d'appel figurant sur la licence qui a été délivrée antérieurement pour l'appareil.
- Faites parvenir les deux premières copies de la formule de demande de licence à l'adresse appropriée.
   Conservez la troisième copie: c'est votre permis tempo-

raire.

#### Habitants de la Colombie-Britanique et du Yukon

Postez au:

Centre de licences SRG (Général) Succursale D C.P. 2798 Ottawa (Ont.) K1P 6H4

Habitants des autres régions du Canada

Se présenter avec la demande ou la poster au bureau de district le plus rapproché (voir Tableau 2).

# TABLEAU 1 LISTES ET CODES DES FABRICANTS

A B LAFA RADIO	ABL
A C SIMMONS & SONS	ACS
ALLIED RADIO	ALR
AMAKORU CORPORATION	AMA
AMERICAN GENERAL SUPPLY	AGS
AMPHENOL CANADA	AMP
APELCO	APE
ARA MFG	ARM
ASAHI	ASC
AUTOMATIC RADIA JAPAN	ARJ
AUTOMOTIVE SOUND INDUSTRIES	ASI
B & B IMPORT EXPORT	BBI
BAILEY BROTHERS	BAB
BETIEK	BEL
BRISTOL ELECTRONICS	BRE
BROWNING LABORATORIES	BRL
CADRE INDUSTRIES CAM GARD SUPPLY	CAI CGS
	CMC
CANADIAN MARCONI CANADIAN TIRE	CTC
CARDON IMPORT	CAM
CARRADY HAIAT	CAH
CHELCO INDUSTRIES	CHD
CHISHOLM INDUSTRIES	CHI
CLARION	CLA
COLT COMMUNICATIONS	COM
COMMUNICATIONS POWER	COP
CONEY ONKYO	coo
CONRAD ENTERPRISES	COE
CORNELL DUBILIER ELECTRIC	CDE
COURIER COMMUNICATIONS	COC
CRAIG	CRC
CYBERNET	CYB
DAEIL ELECTRONICS	DAE
DAYSTROM	DAY
DYNASCAN	DYN
E A TOWNS	EAT
E F JOHNSON	EFJ
ECHO COMMUNICATIONS	ECC
EICO ELECTRONIC INSTRUMENT	EEI
EIWA SANGYO	EIS
ELECTRONIC DISTRIBUTORS	ELD
ELECTRONICS COMMUNICATIONS	ELC
FANON ELECTRONIC INDUSTRIES	FAN
FRIED TRADING	FRT
FUGITU-TEN	FUT
FUNAI ELECTRIC	FUE
GAMASONICS CANADA	GAM
GEM MARINE PRODUCTS-GEMTRONICS	GMP
GENERAL MOTORS	GMC
GUARDIAN TRANSCEIVER	GUT
HALLICRAFTERS	HAL
HANDIC BOL AGEN	HAB
HAYAWAKA ELECTRIC	HAE
HITACHI ELECTRONICS	HIT
HOFSTETTER MFG	HOM
HY-GAIN DE PUERTO RICO	HYG
IMPORTHOUSE OF CANADA	IMP

INTER-MARK	INM
INTERNATIONAL COMMUNICATIONS	INC
INTERNATIONAL CRYSTAL MFG	ICM
JAPAN ELECTRONIC BUSINESS	JEB
JETRONIC INDUSTRIES	JEI
JIL	JIL
JUTAN IMPORTERS	JUI
KAAR ELECTRONICS	KAR
KOMATSU ELECTRONICS	KOE
KRACO ENTERPRISES	KRE
KRIS	KRI
LAFAYETTE RADIO ELECTRONICS	LRE
LINDSAY ELECTRONICS	LIE
LINEAR SYSTEMS LOCK ENTERPRISES	LIS
LOVATT ENGINEERING	LOE LOV
M H SCOTT	MHS
MANDREL INDUSTRIES	MAN
MANOTICK ELECTRONICS	MAE
MARANTZ JAPAN	MAR
MATSUSHITA	MED
MEIHOH ELECTRONICS	MEE
MEISEI ELECTRIC	MES
MEISHOH	MEI
MIRATEL ELECTRONICS	MIE
MITSUBISHI	MIT
MORROW ELECTRONIC INDUSTRIES	MEN
MOTOROLA	мот
MULTI-PRODUCTS	MEC
NEW ONE TRADING	NOT
NIHON TUSHINKI NIPPON ALPHA ELECTRIC	NIT
OLYMPOS ELECTRONICS	NAE OLE
OSBORNE ELECTRONICS	OSE
PAI ELECTRONICS	PAI
PALOMAR ELECTRONICS	PAE
PATHCOM-PACE DIV	PAT
PEARCE-SIMPSON	PES
POLYTRONICS LABORATORY	POL
POWER ELECTRONICS	POE
POWER PARTS	POP
PRESIDENT ELECTRONICS	PRE
RADIO MFG ENGINEERS	RME
RADIO SHACK	RSH
RAY JEFFERSON	RAJ
RCA	RCA
REGENCY ELECTRONICS	REE
ROBERT BOSCH	ROB
ROBERTS ELECTRONICS	ROL
ROYCE ELECTRONICS S H PARKER	ROE
SAMDO ELECTRONIC	SHP
SAN ELECTRONICS	SAL
SBE .	SAE SBE
SCHLUMBERGER CANADA-HEATH DIV	HKT
SHARK ELECTRONICS	SHE
SHARPE INSTRUMENTS	SIC
SHAWA ELECTRIC	SHL
SHIM-TOM ELECTRONICS	STE
SHINTON	SHI

SONAR RADIO	SON
SONY	SOY
SPARKOMATIC	SPA
SPILSBURY & TINDALL	SPT
STANDARD COMMUNICATIONS	STC
SUMITOMS SHOJI KAISHA	SSK
SUPERIOR ELECTRONICS	SUP
TANDY-RADIO SHACK DIV	RSH
TEABERRY ELECTRONICS	TEE
THE GENERAL	THG
TOA MUSEN	TOM
TAKAI COMMUNICATIONS APPARATUS	TCA
TOYKO SANSEI	TSA
TOKYO INDUSTRY	TOI
TOSHIBA	TOS
TOYO ELECTRIC	TOE
TOYO RADIO	TOR
TRAM ELECTRONICS	TRL
TRANSWAVE ELECTRONICS	TRE
TRIPPE ELECTRONICS-COMMANDER	TRC
UNI ELECTRONICS	UNE
UNIMETRICS	UNI
VICTOR	VIC
VOLVO	VOL
WEBSTER MFG	WEB
WECKE & THURM	WET
YOUNG SPRING & WIRE-GONSET DIV	GON
ZAITZEFF	ZAI
ZODIAC COMMUNICATIONS	ZOC

Si le nom de fabricant de votre matériel radio ne figure pas dans la liste, indiquez-le au complet dans les cases destinées à cette fin.

### Protection

Votre appareil SRG est attrayant. Vous seriez donc bien avisé de prendre note du nom du fabricant, du modèle et du numéro de série et de mettre ces renseignements en lieu sûr. Si jamais vous devez notifier un vol à la sûreté, elle vous demandera ces détails. Nous vous recommandons aussi fortement de profiter de l'Opération identification de votre localité pour protéger votre appareil SRG.

#### Identification

Le règlement sur le service radio général exige que vous vous identifiez; vous devez donc employer l'indicatif d'appel inscrit sur votre licence (ou votre permis temporaire).

Rappelez-vous que vous pouvez être cause du brouillage, sans le savoir, ou bien en être victime. Sans une identification correcte, il devient plus difficule de retracer l'origine du brouillage.

#### Surveillance

Le ministère des Communications surveille les communications SRG afin de s'assurer que les stations diffusent aux réquences prévues et se conforment aux règlements. Si une station n'est pas exploitée conformément aux normes, le Ministère fait parvenir un rapport d'infraction au titulaire de licence qui doit remédier sur-le-champ à cet état de chose et en avertir le Ministère.

Les infractions peuvent donner lieu à une amende, à la suspension ou à l'annulation de la licence. Toute infraction au règlement sur les stations ou le matériel SRG est passible d'une amende n'excédant pas \$1,000, plus les frais juridiques occasionnés, ou d'un emprisonnement d'au plus 6 mois.

# Renseignements complémentaires

Toute personne intéressée à exploiter une station SRG serait bien avisée de demander au bureau de district du ministère des Communications un exemplaire du Guide du service radio général qui lui sera remis gratuitement. On trouvera également dans le Règlement gnéral sur la radio, partie II, les dispositions s'appliquant au SRG. Nous vous recommandons également de vous joindre à, ou de former un groupe de SRGistes dans votre région: c'est une bonne façon de se familiariser avec le SRG.

Pour de plus amples renseignements sur le SRG, communiquez avec le:

Ministère des Communications Service de la réglementation des télécommunications 300, rue Slater Ottawa (Ont.) K1A 0C8

ou adressez-vous à l'un des bureaux de district énumérés ci-dessous. Nous nous ferons un plaisir de vous aider.

#### **TABLEAU 2**

#### Terre-Neuve

Corner Brook (T.-N.) Immeuble Fédéral Rue Main (C.P. 811) A2H 6H6

Tél: (709) 634-7032

Saint-Jean (T.-N.) Pièce 612 Immeuble Sir Humphrey Gilbert Rue Duckworth

A1C 5W1 Tél: (709) 737-4889

# Île-du-Prince-Édouard

Charlottetown (Î.-P.É.) 180, rue Kent C1A 1N7

Tél: (902) 892-4271

#### Nouevile-Écosse

Halifax (N.-É.) 6009, chemin Quinpool B3K 5J7 Tél: (902) 426-3810

Sydney (N.-É.) 500, chemin King B1S 1B2

Tél: (902) 584-8319

# Nouveau-Brunswick

Bathurst (N.-B.) -159, rue Main E2A 3Z2

Tel: (506) 546-9948

Moncton (N.-B.) 77, boul. Vaughan Harvey

E1C 8P9

Tél: (506) 658-4890

Saint-Jean (N.-B.) 189, rue Prince Williams E2L 4S6

Tél: (506) 858-2025

#### Québec

Chicoutimi (Québec) 942, rue Chabanel G7H 5W2 Tél: (418) 549-5781

Montréal (Québec)

2085, avenue Union H3A 2C3

Tél: (514) 283-5682

Noranda (Québec) 32, avenue Frédéric Hébert J9X 1V2

Tél: (819) 764-6196

Québec (Québec) Pièce 436 2, place Québec G1R 2B5

Tél: (418) 694-3880

Rimouski (Québec) 140, rue St. Germain ouest G5L 4B5

Tél: (418) 722-B833

Sept-Îles (Québec) 2e étage 701 boul, Laure **G4R 1X8** 

Tél: (418) 962-6970

Sherbrooke (Québec) 1650, rue King ouest J1J 2C3 Tél: (819) 565-4917

Trois Rivières (Québec) Pièce 337 Immeuble Public 1285, rue Notre-Dame G9A 5E3 Tél: (819) 376-1232

#### Ontario

Hamilton (Ontario) 135, rue James sud L8P 2Z6 Tél: (416) 523-2301

Kenora (Ontario) Pièce 154 Immeuble Fédéral P9N 2X9 Tél: (807) 468-9041

Kingston (Ontario) Pièce 273 Immeuble Fédéral Rue Clarence K7L 4X1 Tél: (613) 546-7361

Kitchener (Ontario) 30, rue Duke ouest N2H 3W5 Tél: (519) 745-7722

London (Ontario) 451, rue Talbot N6A 5C9 Tél: (519) 679-4336

North Bay (Ontario) Pièce 301 222, rue McIntyre ouest P1B 8J5 Tél: (705) 472-4465

Ottawa (Ontario) 473, rue Albert K1R 5B4

Tél: (613) 992-4677

Sault-Sainte-Marie (Ontario) 421, rue Bay P6A 5N3

Tél: (705) 254-7411

Thunder Bay (Ontario) 33, rue Court sud P7B 2W6 Tél: (705) 344-9689

Toronto (Ontario) 55, avenue St. Clair est M4T 1M2

Tél: (416) 966-8215

Windsor (Ontario) 880, rue Ouellette N9A 1C7 Tél: (519) 254-4335

### Manitoba

Thompson (Manitoba) 436, promenade Thompson R8N 0C6 Tél: (204) 677-5791

Winnipeg (Manitoba) Pièce 2300 1 place Lombard R3B 2Z8 Tél: (204) 985-5590

# Saskatchewan

Regina (Saskatchewan) 2101, rue Scarth S4P 2H9 Tél: (306) 569-5010

Saskatoon (Saskatchewan) 206, promenade Circle est S7K 0T5 Tél: (306) 665-4893

# Alberta

Calgary (Alberta) 205, 8e avenue sud-est T2G 0K9 Tél: (403) 231-4203

Edmonton (Alberta) 10025, 106e rue T5J 1G6 Tél: (403) 425-5612

Grande-Prairie (Alberta) Pièce 202

11117, 100e rue

T8V 2N2 Tél: (403) 532-3533

# Colombie-Britannique

Cranbrook (C.-B.) 11, 14e rue Sud

V1C 2W9 Tél: (604) 426-8908

Kelowna (C.-B.) 471, rue Queensway

V1Y 6S5 Tél: (604) 762-3342

Langley (C.-B.) 3884, 192e rue (C.P. 3396)

V3A 3R7 Tél: (604) 576-8691

Prince George (C.-B.) 1294, 3e avenue V2L 3E7

Tél: (604) 562-4148

Pièce 227 Immeuble Fédéral V8J 1G8 Tél: (604) 624-2050

Prince Rupert (C.-B.)

Vancouver, (C.-B.) Pièce 300 325, rue Granville V6C 1S5 Tél: (604) 666-6823

Victoria (C. B.) 816, rue Government V8W 1W9 Tél: (604) 566-3805

Territoires du Nord-Ouest Fort Smith (T.N.-O.)

Immeuble de la Poste (C.P. 540) XOE OPO Tél: (403) 872-2187

Yellowknife (T.N.-O.) Immeuble Bellanca (C.P. 2700) **X0E 1H0** Tél: (403) 873-3568

Territoire du Yukon

Whitehorse (T.Y.) Pièce 201 4133, 4e avenue Y1A 1H8 Tél: (403) 667-6439



Government of Canada Department of Communications

# GENERAL RADIO SERVICE LICENCE APPLICATION

IN ACCORDANCE WITH THE PROVISIONS OF THE RADIO ACT AND THE RADIO REGULATIONS MADE THEREUNDER.

Ministère des Communications

# DEMANDE DE LICENCE DE SERVICE RADIO GÉNÉRAL

WARNING: TO OPERATE WITHIN THE LAW EACH SET NEEDS ITS OWN GRS LICENCE. THE LAW PROVIDES PENALTIES FOR FALSE STATEMENTS

# INSTRUCTIONS

Remplir la formule en lettres moulées ou en caractère d'imprimerie, une lettre par case. Le un espace entre les mots et les nombres. NE PAS EMPLOYER DE SIGNES DE PONCTUATION

Gouvernement du Canada FOR DEPARTMENT USE ONLY/A L'USAGE DU MINISTÈRE SEULEMENT CONFORMÉMENT AUX DISPOSITIONS DE LA LOI SUR LA RADIO ET DU RÉGLEMENT GÉNÉRAL SUR LA RADIO AVERTISSEMENT: LA LOI EXIGE UNE LICENCE DU SRG POUR CHAQUE APPAREIL. LES PERSONNES QUI FONT DE FAUSSES DÉCLARATIONS SONT PASSIBLES DE SANCTIONS

Complete form by block printing or typing in one character per box. Leave a blank box to indicate a space is required between words and/or numbers. DO NOT USE PUNCTUATION MARKS NAME OF APPLICANT: Complete section "A" if licence is to be issued to an incorporated Company or Government Agency or section "B" if to be issued in your name as an individual NOM DE REQUERANT: Remplir la section "A" si la licence doit être délivrée à une compagnie constituée ou à une agence gouvernementale, ou la section "B" si la licence doit être délivrée à un particulier NAME OF COMPANY OR GOVERNMENT AGENCY/NOM DE LA COMPAGNIE OU DE L'AGENCE GOUVERNEMENTALE "A' OF BIRTH DATE DE NAISSANCE "B" GIVEN NAME AND INITIAL NOM DE FAMILLE PRENOM ET INITIALE APPLICANTS MAILING ADDRESS/ADRESSE POSTALE DU REQUÉRANT DEPARTMENT USE ONLY/A L'USAGE DU MINISTÈRE LICENCE TERM STATION ADDRESS PÉRIODE DE LA LICENCE LA STATION LICENCEE/TITULAIRE (Check only one/Ne cocher qu'une seule case) COMPLETE BOXES BELOW THIS WILL BE YOUR CALL SIGN UNTIL THE DEPARTMENT ASSIGNS YOU AN OFFICIAL ONE REMPLIR LES CASES CI-DESSOUS L'INDICATIF D'APPEL AINSI FORMÉ SERA EN VIGUEUR JUSQU'À CE QUE LE MINISTÈRE ATTRIBUE UN INDICATIF OFFICIEL À LA STATION FIRST LETTER OF FAMILY NAME PREMIÈRE LETTRE DU NOM STATION (Check the one which best describes your operation/Ne cocher que la case qui décrit le mieux la station) MAILING ADDRESS POSTAL CODE CODE POSTAL DE L'ADRESSE POSTALE MODEL CONTROL COMMANDE DE MODELE REDUIT MOBILE TEMPORARY CALL SIGN INDICATIF D'APPEL TEMPORAIRE XM WALKIE-TALKIE RADIO EQUIPMENT DATA/DÉTAILS DU MATÉRIEL RADIO

IF YOU INTEND TO OPERATE AT A FIXED LOCATION WHICH IS DIFFERENT FROM MAILING ADDRESS GIVE TH SI L'EXPLOITATION A LIEU À UN ENDROIT FIXE DIFFERENT DE L'ADRESSE POSTALE DONNER L'ADRES	SE DE LA STATION	
STREET NUMBER AND NAME NUMÉRO ET R	IUE	
CITY, TOWN OR VILLAGE CITE VILLE OU VILLAGE	PROVINCE	POSTAL CODE CODE POSTAL

I certify that

- I am a Canadian citizen, landed immigrant or officer of the company in whose name I am applying
  I am at least sixteen years of age (twelve, if the licence is for model control operation)
  I am not the subject of any legal action concerning the operation of a radio station
  I have not been denied a GRS licence nor had a GRS licence revoked by the Department.

- The station equipment is type approved by the Minister of Communications for use in Canada, or if the equipment is for radio control of models, is technically acceptable by the Minister of Communications for use in Canada.
- The station will be operated in accordance with the General Radio Regulations and will not exceed the power limits authorized therein.
- The statements made in this application are true and complete and correct to the best of my knowledge
- Que je suis citoyen canadien, immigrant reçu ou représentant de la compagnie au nom de laquelle
- je fais la présente demande: que je suis âgé d'au moins seize ans (douze ans si la licence est destinée à un appareil de télé-commande de modèle réduit);
- que je ne suis pas visé(e) par une poursuite judiciaire relative à l'exploitation d'une station radio;
   qu'aucune licence du SRG ne m'a été ni refusée ni retirée par le Ministère.
   que le matériel de la station est homologué par le ministre des Communications en vue de son utilisation au Canada ou, si le matériel servira à la télécommande de modèles réduits, il est déclaré acceptable du point de vue technique par le ministre des Communications en vue de son utilisation au Canada.
- que la station sera exploitée conformément au Réglement général sur la radio et sa puissance ne dépassera pas celle permise par ledit Réglement;
   que les déclarations faites dans la présente demande sont, pour autant que je sache, véridiques et complètes;

APPLICANTS SIGNATURE/SIGNATURE DU REQUÉRANT

TITLE TITRE

TELEPHONE NO N'DE TELEPHONE