

Canada

## **QUESTIONNAIRE – PART I**

(To be completed by both Administrations and Sector members, if relevant)  
Specific Questions on National Radio Frequency Spectrum Management

### **1 Information on national radio frequency spectrum allocations: 29.7-960 MHz**

- a) If you have published a National Table of Radio Frequency Spectrum Allocations, please submit a copy (either in electronic, or printed form, or both ) of that table along with your responses to the attached questionnaire.

See <http://strategis.ic.gc.ca/SSG/sf01608e.html>

### **2 Identification of a focal point regarding correspondence on this questionnaire (Parts I and II)**

Please identify a focal point in your administration/organization who could provide a response to further correspondence regarding this questionnaire (see hereafter).

**FOCAL POINT REGARDING CORRESPONDENCE  
ON THIS QUESTIONNAIRE**

**(PARTS I AND II)**

1. Mr.  **RACINE** **THOMAS**  
Ms  Family Name First Name
2. Country **CANADA**
3. Name of the Administration/Organization **INDUSTRY CANADA**
4. Title **DIRECTOR, AUTOMATED SPECTRUM  
MANAGEMENT SYSTEMS**
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*To be returned no later than 31 January 2000 to:  
ITU-D Study Groups Secretariat  
Telecommunication Development Bureau  
Fax: +41 22 730 54 84  
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## QUESTIONNAIRE – PART II

(To be completed by Administrations only)

Describe succinctly the problems that your administration is currently experiencing in national spectrum management (for example subject areas in national spectrum management)

Country **CANADA**

Focal point **Mr. THOMAS RACINE**

The following general questions on national spectrum management are based in part on the functional requirements of spectrum management described in the handbook on “National Spectrum Management”. If you need additional space to answer the questions please continue on a separate sheet of paper

1. Do you have a national law governing spectrum management? YES  NO   
– Last date this law was changed or modified? **1996 and 1998**  
– Are any actions planned to change this law? YES  NO

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

**No**

2. Have you published regulations and procedures for national spectrum management (e.g. radio services, license requirements etc.)? YES  NO

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

**No**

3. Do you have a national radio frequency spectrum allocation table? YES  NO

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

**No**

4. Do you have technical specifications for national spectrum use? YES  NO

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

**No**

5. Do you have a need for any spectrum redeployment\*? YES  NO

\* The term "redeployment" is used here to refer to a process of national scope in which an assessment is conducted

- 1) to determine if portions of spectrum can be identified that are in limited use; and
- 2) to determine if such spectrum segments can be reallocated for use in delivering radiocommunication services that have expanding spectrum requirements.
  - If so, do you have a strategy for achieving this redeployment in respective frequency bands and for given radiocommunication services? YES  NO
  - Please define the established strategy and describe the nature of the consultation, if any, with users regarding the potential costs resulting from the planned redeployment.

see <http://strategis.ic.gc.ca/SSG/sf01654e.html>

6. What is the total cost of national spectrum management functions performed by your Government (expressed in Swiss francs)? **60M CH**

- What is the source of the funding required to accomplish these spectrum management functions?

**Government Budget Allocation from Licence Fees of 250M CH**

7. Do you have a method for establishing spectrum users' fees? YES  NO

- If so, please give a brief description of the method used in establishing those fees.

see <http://strategis.ic.gc.ca/SSG/sf01027e.html>  
and <http://strategis.ic.gc.ca/SSG/sf01713e.html>

8. Do you maintain centralized databases for spectrum management? YES  NO

- What is the approximate size of your database (expressed in number of records)? **500,000**

- Do you have a computerized data base management system (DBMS)? YES  NO
- What DBMS system do you use? **ORACLE**
- Are these frequency assignment records available to public? YES  NO

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

**No**

9. Do you notify frequency assignments to the ITU? YES  NO

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

**No**

10. Do you have a policy and planning function for national spectrum management (i.e. a national strategy for future use of the spectrum)? YES  NO

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

**No**

11. Do you perform technical analyses of frequency assignment requests?  NO

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

**No**

12. Do you perform radio monitoring? YES  NO

– number of fixed monitoring stations **10**

– facilities available at fixed monitoring stations

– monitoring up to **2000** MHz

– direction finding up to **900** MHz

– number of mobile monitoring stations **35**

– facilities available at mobile monitoring stations

– monitoring up to **2000** MHz

– direction finding up to **900** MHz

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

**No**

13. Do you perform technical analyses of radio frequency interference complaints? YES  NO

– Do you have an established consultation process, involving Government and non-government organization, for resolving these complaints?

YES  NO

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

**No**

14. What computers and operating systems are in use for national spectrum management?

Type of computers

**PCs P-III**

Operating system(s)

**W'95/NT/Unix**

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

**No**

15. Number of technical/professional staff in national spectrum management?

**350**

16. Number of support staff in national spectrum management?

**100**

17. Describe your country's spectrum management structure (Please enclose a copy of organization chart).

**See <http://info.ic.gc.ca/cmb/Welcomeic.nsf/ICPages/DepartmentStructure>**

18. Do you use the ITU-R Handbooks and Reports on:

a) National Spectrum Management, version 1995?

**YES**

b) Spectrum Monitoring<sup>1</sup>, version 1995?

**YES**

c) Computer-aided Techniques for Spectrum Management, version 1999?

**YES**

d) HF Broadcasting System Design, version 1999?

**NO**

e) Report SM.2012, Economic Aspects of Spectrum Management, version 1997<sup>2</sup>?

**YES**

f) Windows Basic Automated Spectrum Management System (WinBASMS) Software Version 1997, Manual Version 1997

**NO**

What additional information/handbooks do you need from the ITU?

**None**

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<sup>1</sup> The Spectrum Monitoring Handbook is currently being updated, therefore, you are urged to contact Mr Jan Verduijn (NL), the designated Rapporteur from ITU-R Study Group 1, Working Party 1C if you have any comments that you wish included in a future version of this Handbook.

<sup>2</sup> This Report SM.2012 was updated during the ITU-R Study Group 1 meeting in August 1999. This new version is expected to be available in the three working languages by January 2000.

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*To be returned no later than 31 January 2000 to:*

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*E-Mail: [devsg1@itu.int](mailto:devsg1@itu.int)*

***THANK YOU FOR YOUR COOPERATION***



