



Radiocommunication Bureau

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Circular Letter
CR/269

27 March 2007

To Administrations of Member States of ITU

Subject: Extension of the **SpaceCom** software package for the application of No. 9.3 of the Radio Regulations and § 4.1.9 or 4.2.13 of Article 4 of Appendices **30** and **30A** of the Radio Regulations relating to comments made by administrations

References: Circular Letter CR/185 of 20 December 2002
Circular Letter CR/193 of 23 May 2003

To the Director-General

Dear Sir/Madam

1 Article 9 of the Radio Regulations “Procedure for effecting coordination with or obtaining agreement of other administrations” includes provision No. 9.3 relating to comments by administrations on advanced publication of information for a satellite network or system that is not subject to the coordination procedure under Section II of Article 9 (Sub-Section IA of Article 9) and provision No. 9.5 relating the treatment by the Radiocommunication Bureau of such comments.

2 Appendices **30** and **30A** of the Radio Regulations (Procedures and associated Plans and Lists for the BSS and the associated feeder links) include provisions § 4.1.7, 4.1.9, 4.1.10, 4.2.10, 4.2.13 and 4.2.14 relating to comments by administrations in respect of modification to the Region 2 Plan or additional uses in Regions 1 and 3 under Article 4 and use of the guardbands under Article 2A of those Appendices. Provisions § 4.1.10^{ter} and 4.2.14^{ter} describe the treatment of those comments by the Bureau.

3 Circular Letters CR/185 and CR/193 drew the attention of administrations to the arrangements for submission to the Bureau of comments under No. 9.52 of the Radio Regulations relating to requests for coordination under Nos. 9.11 to 9.14, 9.21 and § 2.1 of the Resolution 33, and their subsequent treatment by the Bureau under No. 9.53A using the **SpaceCom** software package.

4 The Bureau has been improving the **SpaceCom** software package and is happy to inform administrations that it has extended the software package to make it possible to submit comments electronically to the Bureau in accordance with No. 9.3 of the Radio Regulations with respect to advanced publication of information for a satellite network or system that is not subject to coordination procedure under Section II of Article 9 and in accordance with § 4.1.7, 4.1.9, 4.1.10, 4.2.10, 4.2.13 or 4.2.14 of Appendices **30** and **30A** with respect to modification to the Region 2 Plan or additional uses in Regions 1 and 3 under Article 4 and use of the guardbands under Article 2A of those Appendices. The software also allows administrations to submit their objections under No. 23.13B and 23.13C of the Radio Regulations with respect to satellite networks under Appendix **30**. **Annex 1** details the corresponding provisions grouped by type of Special Section.

5 The extended version of the **SpaceCom** software package (version 5.3 or later) is available to administrations and other users at the ITU website (<http://www.itu.int/ITU-R/software/space/spacecom/index.html>), as well as on the BR IFIC (Space services) CD-ROM. Administrations are requested to use this software together with the IFICnnnn.mdb and SPS_ALL_IFICnnnn.mdb databases included in the BR IFIC for preparation and submission to the Bureau (e-mail: brmail@itu.int) in electronic format of a copy of their comments relating to Special Sections published in BR IFIC 2591 (3 April 2007) and onwards. The software also includes a facility to create reports that may be used by any administration to inform the requesting administration of its disagreement/comments. **Annexes 2** and **3** of this Circular Letter briefly describe the additions to the **SpaceCom** software package. The new layout of the API/B Special Section will be shown in the Preface.

6 Similar to the comments under No. 9.52, the Bureau will make available a draft AP30(30A)/E Part D or AP30-30A/F/D database per satellite network (named Plan-IFICnnnn_BR_AP30(30A)xxxx.mdb and SOF-IFICnnnn_BR_AP3030AFCxxxx.mdb respectively) on the BR IFIC CD-ROM (BRIFICnnnn CD-ROM/Data/SpaceCom_data) listing the administrations which have submitted a comment under § 4.1.7, 4.1.9, 4.1.10, 4.2.10, 4.2.13 or 4.2.14 of Appendices **30** and **30A** within the four month regulatory period. Furthermore, before proceeding with the publication of the above information in a Special Section of the AP30(30A)/E Part D and AP30-30A/F/D series, the Bureau will request the notifying Administration to inform the Bureau of any additional comments for each satellite network concerning disagreements they may have received and which may not have been copied to the Bureau, by updating accordingly the draft AP30(30A)/E Part D or AP30-30A/F/D database using the **SpaceCom** software package and returning it to the Bureau by electronic mail (brmail@itu.int). The draft AP30(30A)/E Part D or AP30-30A/F/D databases will also be available for information to all administrations by using the "Viewer" module of the **SpaceCom** software package. Please note that the API/B process does not provide this facility (confirming a draft list by the notifying Administration) because comments from administrations are published only for information in accordance with No. 9.5 and 9.5A of the Radio Regulations.

7 Administrations are reminded of provisions § 4.1.10 and 4.2.14 of Appendices **30** and **30A** stating that an administration that has not notified its comments either to the administration seeking agreement or to the Bureau within a four-month period following the date of the BR IFIC referred to in § 4.1.5 and 4.2.8 of Appendices **30** and **30A** shall be deemed to have agreed to the proposed assignment(s).

8 The Radiocommunication Bureau trusts that the new arrangement outlined above will improve the application of No. 9.3 and 9.5 of the Radio Regulations with respect to advanced publication of information for a satellite network or system that is not subject to the coordination procedure under Section II of Article 9 and the application of § 4.1.7, 4.1.9, 4.1.10, 4.1.10^{ter}, 4.2.10, 4.2.13, 4.2.14 and 4.2.14^{ter} of Article 4 of Appendices **30** and **30A** with respect to modification to the Region 2 Plan or additional uses in Regions 1 and 3 under Article 4 and use of the guardbands under Article 2A of those Appendices by the Bureau and administrations. Should you have any queries regarding the contents of this letter, the contact person in the Radiocommunication Bureau is Mr. Yvon Henri (Tel: +41 22 7395536/
e-mail: yvon.henri@itu.int).

Yours faithfully,

Valery Timofeev
Director, Radiocommunication Bureau

Annexes: 3

Distribution:

- Administrations of Member States of ITU
- Members of the Radio Regulations Board

Annex 1

Description of the additional provisions handled by the updated SpaceCom software extended

Provisions subject to comments	Examined notice			To be protected			
	Region	Service	Link	Region	Service	Link and Freq. Band (GHz)	
In AP30/E Part A Special Section							
A30#4.1.1A	1	3	Planned BSS	DN	1 3	Planned BSS (PLAN)	DN
A30#4.1.1B	1	3	Planned BSS	DN	1 3	Planned BSS (Art.4/List)	DN
A30#4.1.1C	1	3	Planned BSS	DN	2	Planned BSS (PLAN or Art.4)	DN
A30#4.1.1D	1	3	Planned BSS	DN	1 2 3	Terrestrial	
A30#4.1.1E	1	3	Planned BSS	DN	2 3	Non planned FSS	DN 11.7-12.5
In AP30A/E Part A Special Section							
A30A#4.1.1A4	1	3	Planned feeder link in FSS	UP	1 3	Planned feeder link in FSS (PLAN)	UP 14.5-14.8
A30A#4.1.1A7	1	3	Planned feeder link in FSS	UP	1 3	Planned feeder link in FSS (PLAN)	UP 17.3-18.1
A30A#4.1.1B4	1	3	Planned feeder link in FSS	UP	1 3	Planned feeder link in FSS (Art.4/List)	UP 14.5-14.8
A30A#4.1.1B7	1	3	Planned feeder link in FSS	UP	1 3	Planned feeder link in FSS (Art.4/List)	UP 17.3-18.1
A30A#4.1.1C	1	3	Planned feeder link in FSS	UP	2	Planned feeder link in FSS (PLAN or Art.4)	UP
A30A#4.1.1D	1	3	Planned feeder link in FSS	UP	2	Non-planned feeder link in FSS	UP 17.8-18.1
In AP30-30A/E Part A Special Section							
A30#4.2.3A		2	Planned BSS	DN	1 3	Planned BSS (PLAN)	DN
A30#4.2.3B		2	Planned BSS	DN	1 3	Planned BSS (Art.4/List)	DN
A30#4.2.3C		2	Planned BSS	DN	2	Planned BSS (PLAN or Art.4)	DN
A30#4.2.3D		2	Planned BSS	DN	1 2 3	Terrestrial	
A30#4.2.3E6		2	Planned BSS	DN	1 3	Non planned FSS	DN 12.2-12.7
A30#4.2.3E7		2	Planned BSS	DN	1	Non planned FSS	UP 12.5-12.7
A30#4.2.3F		2	Planned BSS	DN	3	Non planned BSS	DN 12.5-12.7
A30A#4.2.2A		2	Planned feeder link in FSS	UP	1 3	Planned feeder link in FSS (PLAN)	UP
A30A#4.2.2B		2	Planned feeder link in FSS	UP	1 3	Planned feeder link in FSS (Art.4/List)	UP
A30A#4.2.2C		2	Planned feeder link in FSS	UP	2	Planned feeder link in FSS (PLAN or Art.4)	UP
A30A#4.1.1D		2	Planned feeder link in FSS	UP	2	Feeder link in SOF (Art.2A)	UP

Provisions	Examined notice			To be protected		
	Region	Service	Link	Region	Service	Link and Freq. Band (GHz)
In AP30/E Part A or AP30-30A/E Part A Special Section						
23.13B	1 2 3	Planned BSS	DN	1 2 3	Territory	
23.13C	1 2 3	Planned BSS	DN	1 2 3	Territory	

Provisions	Examined notice			To be protected		
	Region	Service	Link	Region	Service	Link and Freq. Band (GHz)
In AP30-30A/E/C Special Section						
A30#4.1.1D	1	3	SOF	DN	1 2 3	Terrestrial
A30#4.2.3D		2	SOF	DN	1 2 3	Terrestrial

Provision	Commented notice
In APL/B Special Section	
No. 9.3	Satellite network or satellite system that is not subject to coordination procedure under Section II of Art. 9

Annex 2

Description of the extensions of the SpaceCom software package to manage comments on (Plan) AP30(30A)/E Part A and (SOF)AP30-30A/F/C Special Sections series

The extensions are integrated in the standalone **SpaceCom** software package designed to assist administrations and the Radiocommunication Bureau in the management of comments made, and their subsequent processing by the Bureau. The extensions are as follows:

- **SpaceCom** (Plan): to manage the comments on AP30/E, AP30A/E, AP30-30A/E Part A Special Sections for completion of Article 4 of Appendices **30** and **30A** procedure for the publication in the BR IFIC (Space services) of AP30/E, AP30A/E, AP30-30A/E Part D Special Sections;

- **SpaceCom** (SOF) (Space Operation Function): to manage the comments on AP30-30A/F/C Special Sections for completion of Article 2A of Appendix **30** procedure for the publication in the BR IFIC (Space services) of AP30-30A/F/D Special Sections.

SpaceCom is designed for three groups of users: potentially affected administrations commenting on Special Sections, the Bureau, and the administration responsible for a satellite network published in a Special Section (cf. scheme below).

Using **SpaceCom**, an administration identified in the appropriate Special Section as being potentially affected may confirm, within the regulatory four-month period, the need for entering into the coordination procedure with the administration responsible for the subject satellite network of the Special Section. If an administration not identified by the Bureau calculation considers that its frequency assignments may be affected by the satellite network subject to the appropriate Special Section, it may ask to be included in the coordination procedure. Depending on the provision and on the specific features of the service and frequency bands involved, that administration may be requested to provide additional information in support of its request.

Using **SpaceCom**, the Bureau will collect all such comments received from potentially affected administrations, merge all the comments relating to the appropriate Special Section, analyse them and provide the administration responsible for the satellite network subject to comments with a draft list of administrations in a database summarizing the valid comments received.

Using **SpaceCom**, administrations may view the draft list of administrations in a database by using the "Viewer" module.

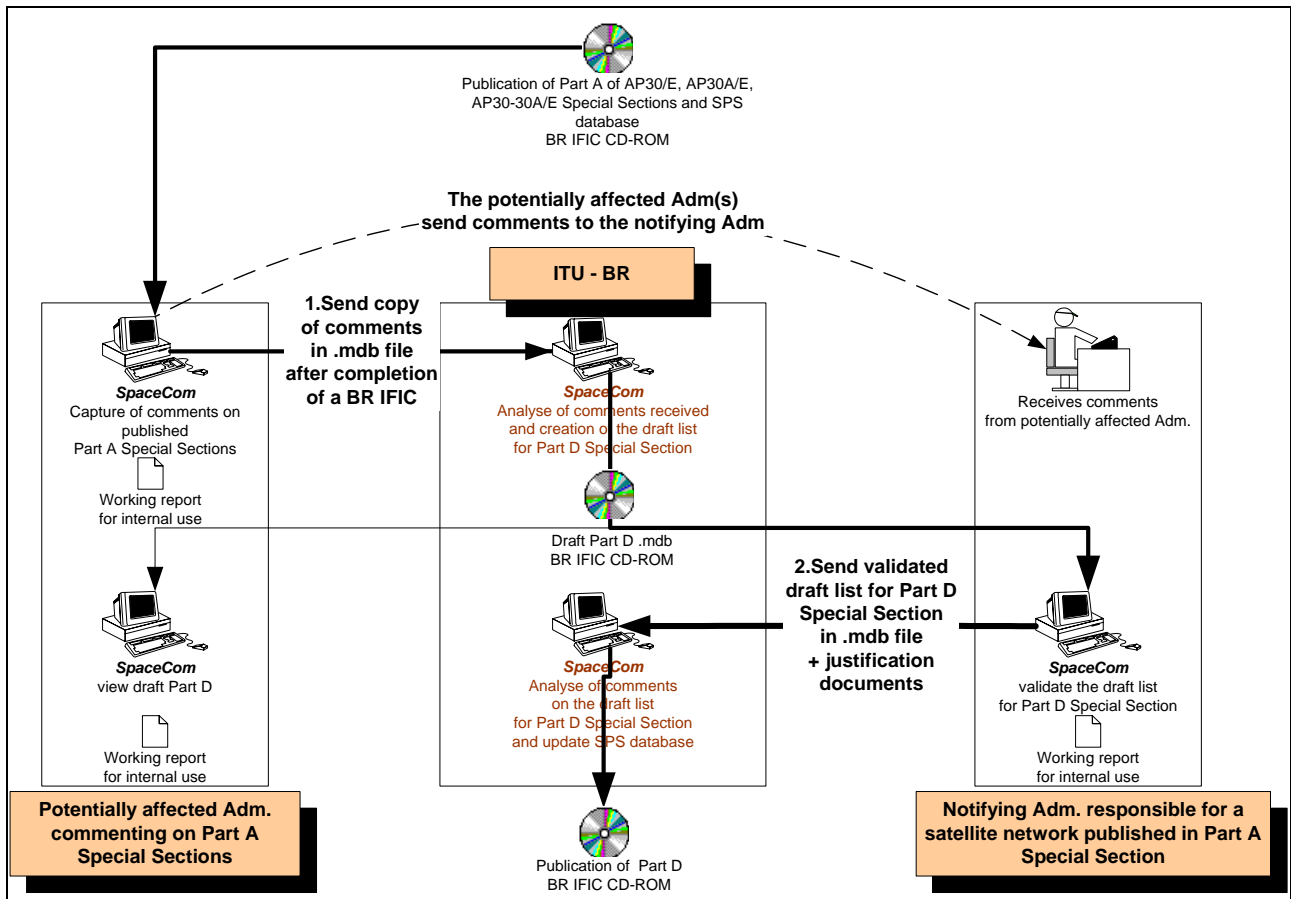
Using **SpaceCom**, the responsible administration can complete the draft list of administrations in the database received by adding the comments that may not have been received by the bureau within the regulatory four-month period.

The bureau will update its Space databases accordingly and publish the appropriate Special Section in the BR IFIC (Space Services).

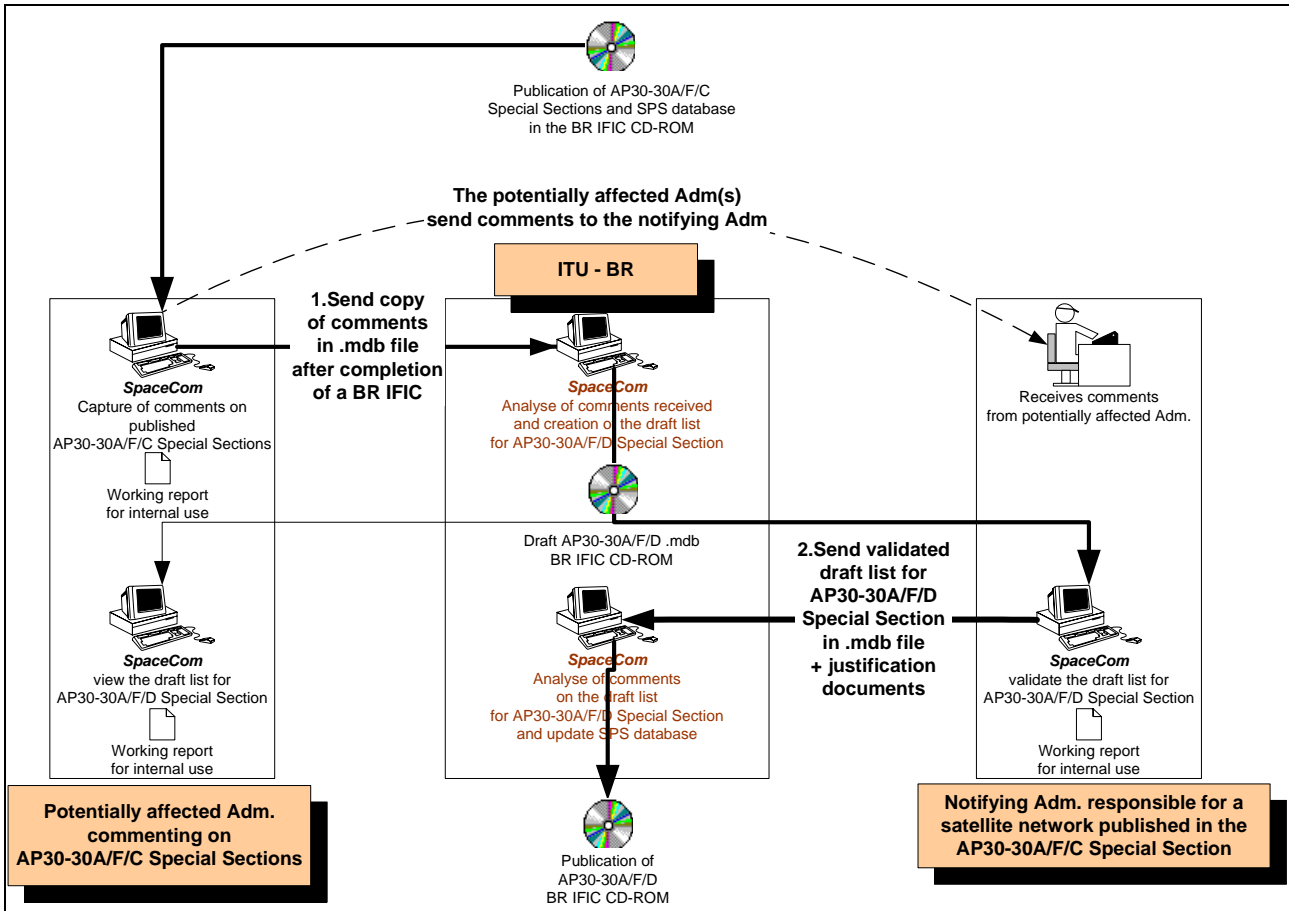
SpaceCom requires as its input the MS-Access file SPS_ALL_IFICnnnn.mdb (for the Plan and SOF data) provided on the BR IFIC (Space Services) CD-ROM. Based on the user input, **SpaceCom** extracts the relevant information for each appropriate Special Section to be commented on by the potentially affected administrations. To facilitate the review of those comments, **SpaceCom** generates working report documents. All comments relating to all Special Sections contained in a particular BR IFIC (Space Services) shall be gathered together into one database file

(PLAN-IFICnnnn_admin.mdb or SOF-IFICnnnn_admin.mdb as appropriate) prior to be submitted to the Bureau. Finally, **SpaceCom** includes a facility for submitting the database file as an e-mail attachment to the bureau and also a facility to create reports to be sent to the responsible administrations whose satellite networks are subject to comments.

Instructions on the installation and use of **SpaceCom** are provided in the User Manuals that are distributed together with the software package on the BR IFIC (Space Services) CD-ROM. Online help is also provided with **SpaceCom**.



Exchange of information using SpaceCom on Plan data



Exchange of information using SpaceCom on SOF data

Annex 3

Description of the extensions of the SpaceCom software package to manage comments on API/A Special Section when applicable

The extension for API/B Special Section treatment is integrated in the standalone **SpaceCom** software package designed to assist administrations and the Radiocommunication Bureau in the management of comments made, and their subsequent processing by the Bureau.

SpaceCom (API/B) is designed to manage comments on API/A Special Sections on which No. 9.3 of the Radio Regulations applies as follows: notices not subject to coordination under Section II of Article 9 or mixed notices (subject and not subject to coordination) where only groups not subject to coordination will be visible. **SpaceCom** (API/B) does not apply to suppression of API/A Special Sections, modification of API/A Special Sections containing none-basic changes (modification of the date of bringing into use or change of the satellite name). An API/A MOD Special Section publication will re-open the four-month comment period and a new API/B Special Section will be consequently published.

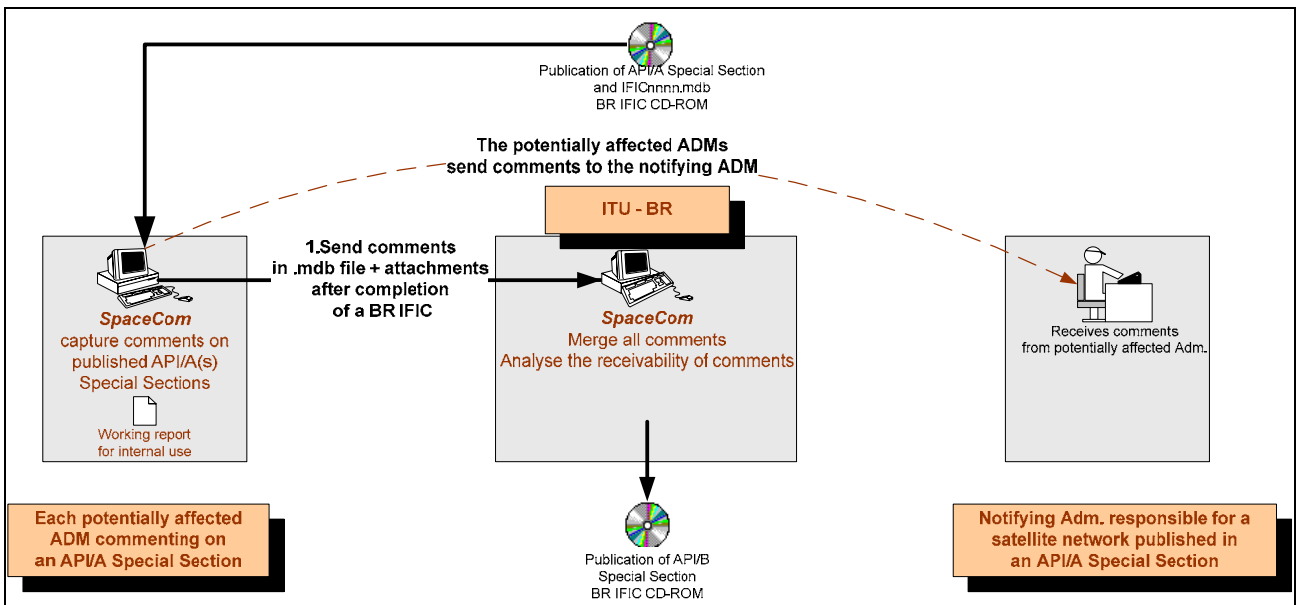
SpaceCom (API/B) extension is designed for two groups of users: potentially affected administrations commenting on Special Sections and the Bureau (cf. scheme below).

Using **SpaceCom** (API/B), the Bureau will collect all such comments received from potentially affected administrations, merge all the comments relating to the appropriate Special Section, analyse them and will accept or not their comments depending on the date the comment was received.

The bureau will publish the appropriate Special Section in the BR IFIC (Space Services).

SpaceCom requires as its input the MS-Access files IFICnnnn.mdb provided on the BR IFIC (Space Services) CD-ROM. Based on the user input, **SpaceCom** extracts the relevant information for each appropriate Special Section to be commented on by the potentially affected administrations. To facilitate the review of those comments, **SpaceCom** generates working report documents. All comments relating to all Special Sections contained in a particular BR IFIC (Space Services) should be gathered together into one database file (API-IFICnnnn_adm.mdb) prior to be submitted to the Bureau. Finally, **SpaceCom** includes a facility for submitting the database file as an e-mail attachment to the bureau and also a facility to create reports to be sent to the responsible administrations whose satellite networks are subject to comments.

Instructions on the installation and use of **SpaceCom** are provided in the User Manuals that are distributed together with the software package on the BR IFIC (Space Services) CD-ROM. Online help is also provided with **SpaceCom**.



Exchange of Information using SpaceCom for API/B Special Sections