NOTIFICATION AND RECORDING OF FREQUENCY ASSIGNMENTS IN THE SPACE SERVICES

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NOTIFICATION PROVISIONS

Article 11

Article 7 of Appendix 30

Article 7 of Appendix 30A

Article 5 of Appendix 30

Article 5 of Appendix 30A

Article 8 of Appendix 30B

WHAT NEEDS TO BE NOTIFIED

Frequency assignments of transmitting and receiving earth and space stations

Capable of causing harmful interference

Used for international radiocommunication

Subject to a world or regional frequency plan which does not have its own notification procedure

Subject to coordination procedure of Article 9

Seeking international recognition

Non conforming assignment under No. 8.4 seeking to be recorded into MIFR for information purposes only

WHEN TO INITIATE THE NOTIFICATION PROCEDURE(1)

SPACE STATIONS

Assignments that do not require coordination under Sect II of Article 9

Generally upon the completion of the Advance Publication procedure

Assignments that require coordination under Sect II of Article 9

Generally upon the completion of the Coordination procedure

WHEN TO INITIATE THE NOTIFICATION PROCEDURE(2)

No.11.44.1

The first notice for recording the space station frequency assignments must be carried out before the end of 7 years from the date of receipt of (API) information under No. 9.1.

In the case where the API of the satellite network was received prior to 22 November 1997, the corresponding period will be 9 years from the date of publication of the API information.

WHEN TO INITIATE THE NOTIFICATION PROCEDURE(3)

When notification information is communicated the same time as the advance publication procedure, the date of having received this information by the BR (No. 9.1) is established as follows:

For Assignments that do not require coordination under Sect II of Article 9

6 months after the date of publication of API

For Assignments that require coordination under Sect II of Article 9

6 months after the date of receipt of API

WHEN TO INITIATE THE NOTIFICATION PROCEDURE(4)

EARTH STATIONS

One of the conditions for receiving favourable finding to earth station is that the corresponding space station must already be recorded into the MIFR

Therefore, notification of earth station should be initiated only <u>after</u> the notification of the associated space station has started or completed

ARTICLE 11
NOTIFICATION PROCEDURE

SECTION I – Notification

Description of procedures related to initiating the notification procedure

SECTION II – Examination and recording of frequency assignments

Description of procedures related to the processing and recording/or returning of the notification information

SECTION I - NOTIFICATION

Provide the relevant characteristics as specified in Appendix 4 (No. 11.15)

Res 55 requires all notice forms to be submitted in electronic format after 3 September 2000

Graphical data can be submitted either in electronic format or paper form

CR58

Tools available from BR IFIC on CD ROM, SNS on CD ROM and ITU Website

NOTIFICATION SOFTWARE TOOLS & AIDS(1)

Notification Software Tools & Aids	Description
Space Capture Software (SpaceCap)	Electronic AP4/II and III forms
Space Filing Validation Software (SpaceVal)	PC-based software for validating electronic notices captured by the SpaceCap software
Graphical Interference Management (GIMS)	PC-based software package which allows the capture, modification and validation of graphical data
Space Publication Software (SpacePub)	PC-based software utility for printing satellite networks / earth stations

NOTIFICATION SOFTWARE TOOLS & AIDS(2)

Notification Software Tools & Aids	Internet path to follow
Space Capture Software (SpaceCap)	*www.itu.int→ Radiocommunication(ITU-R)→Space Services→Space Support→BR Soft→SpaceCap*
Space Filings Validation Software (SpaceVal)	*www.itu.int→ Radiocommunication(ITU-R)→Space Services→Space Support→BR Soft→SpaceVal*
Graphical Interference Management (GIMS)	*www.itu.int→ Radiocommunication(ITU-R)→Space Services→Space Support→BR Soft→GIMS*
Space Publication Software (SpacePub)	*www.itu.int→ Radiocommunication(ITU-R)→Space Services→Space Support→BR Soft→SpacePub*

NOTIFICATIONS "AS RECEIVED"

Notifications "as received" are made available by the BR within 30 days (Res 55)

International Frequency Information Circular(IFIC) CD-ROM

This information can also be monitored through the ITU website

www.itu.int → Radiocommunication(ITU-R) → Space Services → BR IFIC → Res.55 (WRC-00) List of information "as received"

USEFUL REMINDERS DURING NOTIFICATION SUBMISSIONS

Ensure forms are filled up accurately and correctly – use SpaceCap, GIMS and SpaceVal software for preparation of submissions in electronic format

Submit forms in electronic format – Access files with .mdb extension, and NOT the Acrobat (.PDF) or Word (.doc) files, should be submitted to the BR

Ensure most up-to-date coordination information has been provided

Ensure the relevant Advance Publication and Coordination Special Sections exist for the assignments being notified

Take note of the time constraints of Nos. 11.44, 11.44.1, No.11.43A and 11.25

TIME CONSTRAINTS

No. 11.44

Notified date of bringing into use should be within 7 or 9 years[1]

No. 11.25

Date of bringing into use cannot be more than 3 years from date of notification

No. 11.44.1

The first notice for recording of the assignments must be within 7 or 9 years[1]

Note 1 : Depending on the date of receipt of the API

COMPLETENESS CHECK

Upon receiving the notices, the Bureau as specified in No. 11.27, shall check for the completeness of the notice.

INCOMPLETE NOTICES & NON-RECEIVABLES

Mandatory data has not been provided or incorrect

A notification received by the BR earlier than the prescribed date limit in No. 11.25

A notice for a particular procedure is receivable only if the previously applicable procedures have been effected. If not, the notice will be deemed not receivable.

Examples

A notification relating to a satellite network, or an earth station whose associated space station, is not supported by an advance publication

A notification relating to a satellite network which is not supported by a publication of request for coordination

The regulatory time limit specified in No. 11.44 has expired or the due diligence information as prescribed by Resolution 49 has not been provided

ESTABLISHMENT OF DATE OF RECEIPT OF NOTIFICATION(1)

Formal date of receipt is established when the Bureau confirms that the information submitted is complete and correct

Accordingly, where a notice does not contain all of the mandatory information as defined in the AP4 of the Radio Regulations, further processing of the notice will remain in abeyance and a date of receipt will not be established until the missing information is received.

ESTABLISHMENT OF DATE OF RECEIPT OF NOTIFICATION(2)

If upon establishment that all mandatory data have been submitted and there are further clarification required, the Bureau shall request the administration to provide the clarification within 30 days.

If the information is received within the 30 days period, the original date of receipt is retained, otherwise, a new date of receipt will be established.

After one year, any pending submission containing incomplete information or clarification shall be returned to the notifying administration.

PUBLICATION OF COMPLETE INFORMATION

Complete notices are published in part I-S of the BR IFIC CD-ROM

Complete notices will be used for further examination and may differ from those published "as received"

EXAMINATION OF NOTICES

No. 11.31- conformity with the Table of Frequency Allocations and other provisions of the Radio Regulations

No. 11.32- conformity with the coordination procedures

Nos. 11.32A & 11.33 – probability of harmful interference

ASSIGNMENT LEVELS(1)

Finding is established at assignment levels

Different frequency assignments may be notified at different times

ASSIGNMENT LEVELS(2)

Split findings (Group I.D. No. 99999991)

Example 1 (Class of Station : TC)

13730 MHz → Unfavourable (99999992)

13770 MHz
13810 MHz } Favourable (99999991)

Example 2 (Class of Station : TC & TM)

TC 5945 MHz
5985 MHz
6025 MHz } Favourable

TM 5945 MHz
5985 MHz
6025 MHz } Unfavourable

No. 11.31 Examination(1)

Regulatory deadlines – Nos. 11.25, 11.44, 11.44.1, 11.43A

Article 5 – Table of Frequency Allocations

Articles 21 & 22

Agreement under No. 9.21.

No. 11.31 Examination(2)

When No. 11.31 finding is favourable, the assignment shall be recorded in the Master Register, or examined further to Nos. 11.32 to No.11.33, as appropriate

No. 11.32 Examination(1)

Basically, to determine the appropriate coordination procedure has been completed

Findings will be based on information available on the A5/A6 boxes

No. 11.32 Examination(2)

Should the result of coordination during notification differs from coordination requirement, administrations are requested to make specific reference to the relevant regulatory provisions (CR124) or provide explanation on cover letters

No. 11.32 Examination(3)

Space Stations

Check if notified and coordination characteristics are similar

If changes are within the limit of those published in Special Section(s), the result of calculations already made for these Special Section(s) is used.

No. 11.32 Examination(4)

If the notified characteristics are not within the limit of coordination characteristics, relevant interference calculations are carried out on the basis of AP5

If additional administrations are identified, and these additional administrations are not found in the A5/A6 boxes, an unfavourable finding shall be given

No. 11.32 Examination(5)

Earth Stations

Establishment that the corresponding assignments of associated space station has been recorded into the MIFR

Establishment that the earth station has completed coordination

Establishment that the earth station is located in the service area of the associated space station

NOS. 11.32A & 11.33 EXAMINATION

The examination of the probability of harmful interference under Nos. 11.32A & No.11.33 is carried out when the notifying administration states that the coordination procedure could not be successfully completed for the assignments being notified

RESUBMISSIONS(1)

Unfavourable finding under No. 11.31

No. 11.46 is not applicable

Will have a new date of receipt upon resubmission

RESUBMISSIONS(2)

Unfavourable finding under No. 11.32

No. 11.46 is applicable

The resubmission will retain the original date of submission, unless the resubmission is received more than 6 months after the date of which the original submission was returned

RESUBMISSIONS(3)

Unfavourable finding under Nos. No.11.32A & No.11.33

Possible to be resubmitted under No. 11.41

Assignment shall be recorded on a provisional basis in the MIFR

Can be changed from provisional to definitive if the Bureau is informed that the new assignment has been in use, together with the assignment which was the basis for the unfavourable finding, for at least four months without any complaint of harmful interference

PUBLICATION OF FINDINGS

Favourable Findings

Published in Part II-S of the BR-IFIC CD-ROM

Unfavourable findings

Published in Part III-S of the BR-IFIC CD-ROM

BRIFIC publications also available on the ITU website

www.itu.int → Radiocommunication(ITU-R) → Space Services → BR IFIC → BR IFIC data

Definition of the BR IFIC(1)

Part II-S - Findings adopted concerning new frequency assignments or modifications to existing frequency assignments resulting in the recording of the frequency assignment in the Master Register;

Part III-S - Unfavourable Findings adopted concerning new frequency assignments or modifications to existing frequency assignments resulting in the return of the notice to the notifying administration.

COMMON MISTAKES(1)

Incorrect file format of electronic Notice Forms

Application of No. 4.4 for unfavourable finding under No. 11.32

Description explaining how steerable beams will meet PFD limits is not provided

Due diligence Information not submitted

COMMON MISTAKES(2)

Beam names indicated for earth stations are different from the beam names found in the associated space station

Numerous Notification requests for one Advance Publication Information

Request for application of 11.43A without a Coordination Request submission

COMMON MISTAKES(3)

Request for application of No. 11.41 without first applying No. 11.32A

No mention that coordination has not been successfully completed when requesting for application of No.11.32A or No.11.41

COMMON MISTAKES(4)

When more than one form of coordination is applicable, the various coordination procedures carried out under the relevant provisions are not stated properly and the agreements obtained under each provision not clearly indicated

Characteristics are unintentionally modified resulting in additional coordination requirement

Coordination information contained in the A5/A6 columns differs from those published for coordination and no explanation was given

Report of Coordination Progress not referenced

COMMON MISTAKES(5)

Disregarding forms of coordination or coordination requirements which are applicable during Notification

Specific reference to specific coordination request modifications not provided

Large orbital separation between networks communicated as reason for coordination not required

QUESTIONS

THANK YOU