



PLANNING PROCEDURE FOR HF BROADCASTING RR12

Nedialko Miltchev
ITU-R/Broadcasting Services Division

Summary:

- Planning procedure for HF broadcasting – Art.12 of the Radio Regulations.
- Introduction to HF notification.
- HFBC Schedule on CD-ROM.
- Coordination and Regional Coordination Groups.

The Planning Procedure

● Main Principles:

- Equal access to the HF bands.
- Equitable treatment of national and international requirements.
- Efficient use of the spectrum.
- Minimize incompatibility.

Frequency bands

- Block allocation - bands between **5 900 kHz** and **26 100 kHz**
- Current allocation situation:

Band:	Frequency range [kHz]
6	5 900 – 6 200
7	7 200 – 7 450 *
9	9 400 – 9 900
11	11 600 – 12 100
13	13 570 – 13 870
15	15 100 – 15 800
17	17 480 – 17 900
18	18 900 – 19 020
21	21 450 – 21 850
25	25 670 – 26 100

Main features

- Coordination between administrations:
 - Bilateral and multilateral.
 - Regional Coordination Groups.
- Coordination on a common technical base.
- Administrations may authorize broadcasters or other organizations to coordinate on their behalf.

Particularities

- Two seasonal periods:
 - “Summer” – Season A.
 - “Winter” – Season B.
- Two seasonal schedules: A and B
 - Schedule A:
From the last Sunday of March to the last Sunday of October
 - Schedule B:
From the last Sunday of October to the last Sunday of March

Notification

Who can notify?

- Administrations
- Authorized organizations:
 - Broadcasters.
 - Frequency managers.
- Administrations must advise the BR (in writing):
 - Name of the authorized organization.
 - Scope of the authorization.

What to notify?

- The WHOLE schedule for the seasonal period must be submitted .
- When no amendments – inform the BR without submitting schedule.
- The common ASCII text format must be used.

[File format for submission of HFBC requirements](#)

How to notify?

📍 @ via **WISFAT** web interface for submission of frequency assignments/allotments (terrestrial services)

📍 <http://www.itu.int/ITU-R/go/wisfat>

When to notify?

- Circular letter to administrations sets the closing dates for submission:
 - November – for Season A.
 - May – for Season B.
- 4 months before the Start Date:
 - End of December – for Season A.
 - End of July – for Season B.
- Any time during the season

Season B12 – current season

28 October 2012 - 31 March 2013

Schedule title	Date of edition	Date limit for submissions
B12 Tentative 1 (B12T1)	End of August 2012	19 August 2012
B12 Tentative 2 (B12T2)	End of September 2012	16 September 2012
B12 Schedule 1 (B12S1)	End of October 2012	21 October 2012
B12 Schedule 2 (B12S2)	End of December 2012	14 December 2012
B12 Final (B12F)	End of April 2013	21 April 2013

No schedule is submitted?

- The BR uses the requirements from the previous corresponding season (B11->B12).
- **Once only!** Then requirements are suppressed from the schedule.

How is the data published?

- On a CD-ROM (11 per year):
 - 2 Tentative Schedules (T1, T2).
 - 2 or 3 Schedules (S1, S2, S3).
 - Final Schedule (F).



- To subscribers only.
 - Sales and Marketing Service:
sales@itu.int

What does the CD-ROM contain?

- Updated seasonal schedule.
- Propagation and compatibility analysis.
- Latest versions of ITU HFBC software.



Regional Coordination Groups

● ABU-HFC - Asia-Pacific Broadcasting Union - High Frequency Conference



<http://www.abu.org.my>

● ASBU - Arab States Broadcasting Union



<http://www.asbu.org.tn>

● HFCC - High Frequency Coordination Conference



<http://www.hfcc.org>

Thank you for your attention

