B02 ABU-HFC & HFCC/ASBU Joint Meeting
Co-ordination Procedures

Contents:

(I) - Updating requirements

1. No changes to be made

In this case please just tick the box "No change today" on the diskette label and return the exchange diskette before the deadline. The diskette must be returned **even if no changes are made.**

2. Update file B02FMO_U.TXT (for any changes)

The update file is a **complete** list of requirements of one organisation in the S12 text format that is entered into the daily processing of conference files.
The programme used for the data processing compares the set of the FMO's requirements in the main database with the new requirement (update) file received from the FMO. New and modified requirements are assigned new requirement numbers. Requirements not present in the update file are deleted from the database.

- Import your FMO requirements (B02FMO00.TXT file where "FMO" stands for your Frequency Management Organisation code): Select the menu command *"File Manager → Import files → Import FMO requirements".* Then double-click on the "B02FMO00.TXT" file in the "Files/folders" box in the centre of the Import file screen.

  If the requirement file does not show in that box, the season or version might be incorrectly selected. In this case correct the season or version in the main menu.

  You do not need to import the requirement list from the diskette every day. You can use the requirement file you already have got in your computer. The reason is that the file received on the diskette contains the same requirements as the file you entered to the diskette the day before. The difference is only in the requirement numbers which are centrally assigned.

- Modify the requirement file using the menu item *"Edit FMO requirements".*

  The F1 key invokes an explanation related to the current data field (i.e. the field the cursor is located on). You can also view the **Reference Tables** of transmitter sites, antennas, administrations, broadcasters and FMOs by **pressing the F1 key two times on the respective data field**.

  By the F7 key you can select your favourite of three different input forms that are available.

- Press the F2 key to save the modifications and to check the data for errors.

  If errors are reported, you will need to select the menu item "Edit FMO requirements" again to correct them.

- Export your requirements to the (same) floppy by the menu command:

  "File Manager → Export files → Save requirements as update file".

- Cross the box "Update file B02FMO_U.TXT" on the diskette label and put the diskette into the box at the entrance of the meeting room.

  Kindly make sure that the update file contains all your current requirements and that it is saved under the correct name B02FMO_U.TXT.

(II) - Calculated collision lists

See an example in the ANNEX 1.

The lists contain both the collisions detected by the original method (based on target CIRAF zones) and those detected by the propagation calculations.

Each collision record consists of three lines: The first line indicates the time and zone(s) of a given collision, the next two lines show the colliding requirements.

The calculated zone numbers are always shown in the brackets right after the original (non-calculated) zone numbers. I.e.:

First line: The collision zones detected by the original method are followed by zones of collision in brackets detected by calculations. Hyphen "-" is used if there is no collision detected by the respective method.

Second and third line: The target zones of a given requirement (specified by the FMO) are followed by the zones of calculated coverage (zones where the required dBu was reached) in brackets. The hyphen in brackets indicates that the requirement does not reach the required signal level.

There are two versions of collision lists: 65dBu level lists - that are considered as standard - contain less potential incompatibilities than the alternative 55dBu lists. Those collisions in the 55dBu lists that appear already in the 65dBu lists are marked with an exclamation mark "!" in front on the first line.

You can switch between the two dBu levels by leaving a note in the box where the diskettes are collected. The lists at the wanted level will be produced starting from the next morning.

Using the same procedure, you can also switch between the collision list sorted on the FMO codes of the interfering organisations and the list sorted on frequency.

(III) - Co and Adjacent Freq. lists

The lists are produced the same way as in the past. The aim of this chapter is just to refresh the information.

The lists named "B02 co and adjacent freq. of FMO version 00-0x" contain all new or updated requirements that have appeared co-channel or adjacent to your requirements since the day before. No calculation and even no CIRAF zones comparison is applied. The transmission times only are compared. The overlapping requirements, and also those scheduled just before and immediately after your requirement (possible transmitter warming-up periods) are shown.

The purpose of the Co&Adj. lists is to show quickly the "movement near your frequencies" and to help discover new incompatibilities that might have been missed by the Collision lists. The Co&adj. lists may contain - and usually contain - requirements that do not cause any interference.

(IV) - Updating the Contact List

Mr. Milan Prezelj of HIC (seated under the HRT code) has kindly volunteered again to collect updates of contact data. Since the time during the meeting is very limited, these amendments will be processed after the conference only. As usual, an updated Contact List will be available on the HFCC website at www.hfcc.org/global/contact.html

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ANNEX 1 - COLLISION LIST: IDENTIFCATION OF COLLISIONS BY CALCULATED CIRAF ZONE METHOD

Collision zone between the two Requirements as per the **old method** is: **38W**

Zones of collision between the two Requirements as per the **new method** (Calculated Ciraf Zones) are: **38W and 46S.**

Calculated coverage of the the 1st requirement at 55 dBu. **Note the spill-over to 28SE, 46S, 47E, 48NW and 52NE, as verified by propagation calculations, in comparison with the stated target area 38W.**

Target area of the 1st Requirement

This Collision List is for **55 dBu**

26 - Jul - 2002 ABU-HFC + HFCC/ASBU B02 Calculated Collisions of **XXX (55 dBu)**

			Coll.Time	Collision Zones by the Old Method (Calculated Collision Zones)						
No.1	Freq1	Fmo1	Req.Time1	Target Ciraf Zones	(Calculated Ciraf Zones) of the 1st Req.	Loc	Pwr1	Azi	Antenna 1	Mod
No.2	Freq2	Fmo2	Req.Time2	Target Ciraf Zones	(Calculated Ciraf Zones) of the 2nd Req.	Loc	Pwr2	Azi	Antenna 2	Mod
			0730-0800	38W	(38W,46S)					
7161	17815	XXX	0700-0800	38W	(28SE,38W,46S,47E,48NW,52NE)	GAL	250	180	AHR(S)8/4/1.0	D
7163	17820	YYY	0730-0900	38,46	(15SE,16S,28SW,37,38SW,46N,66N,84NW)	MOS	500	215	AHR(S)4/4/0.8	D
			0100-0200	-	(41N,42S)					
1115	6160	XXX	0100-0200	41N	(29E,29SW,30NW,30S,39N,40-41,42NW,42S)	MOS	500	90	AHR(S)4/3/0.5	D
1144	6165	ZZZ	2000-0300	42S,43N	(41,42S,43SW)	GEM	100	236	AHR(S)2/2/0.5	D

Collision has not been detected by the **old method**. This is indicated by the **hyphen** in the first line.

Target Ciraf Zones of the 2nd Requirement: 38, 46

Calculated Ciraf Zones of the 2nd Requirement at 55 dBu: 15SE,16S,28SW,37,38SW,46N,66N,84NW

Notes: 1. The ITU-R propagation method (Rec. 533) has been used to identify CIRAF zones covered by each transmission (Requirement).
2. Common CIRAF zones/quadrants in the target area of one requirement and in the calculated coverage of the other requirement indicate area of collision at 55dBu level.