

Workshop ITU HFBC software

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Introduction to the ITU HFBC software package

- General principles:
 - Consistent with Article 12 and Resolution 535 of WRC-97.
 - Developed in consultation with administrations, broadcasters, and coordination groups.
 - Takes into account the availability of suitable computer hardware by administrations to run the software.



Key features of the software modules

- HFBC REQ Data Capture software
- ITU HFBC Calculation software
- HFBC VAL Data validation software
- HFBC ANT Antenna calculation software

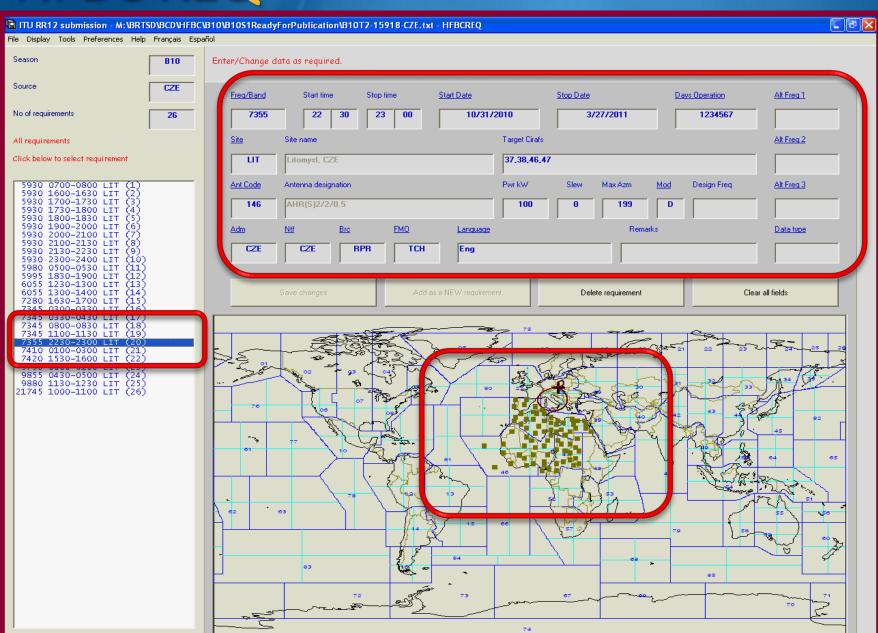


HFBC REQ Data capture software

- Capture HF requirements.
- Create and modify requirement files.



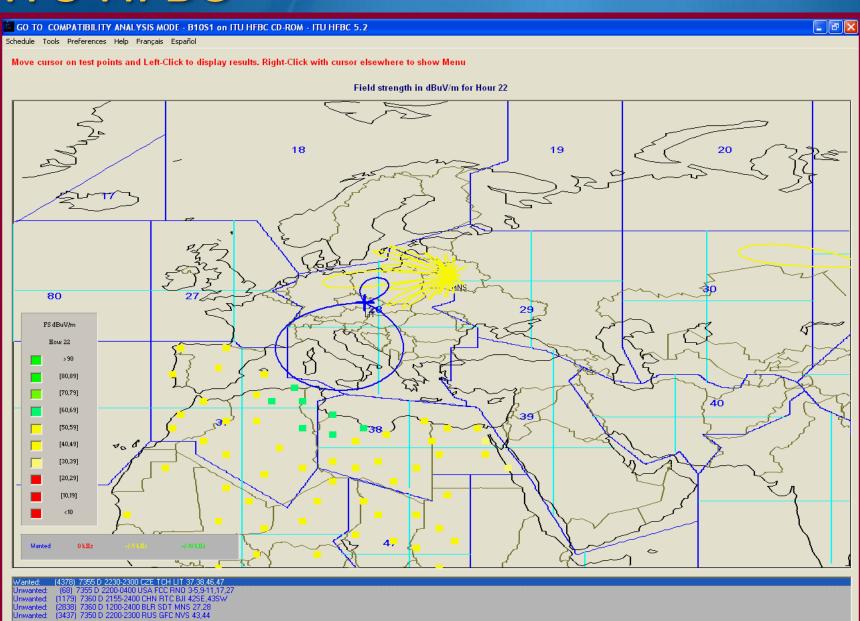
HFBC REQ



ITU HFBC Calculation software

- The main HF module, linked with the data capture module.
- Propagation prediction: calculates propagation data; results in tabular form or on maps.
- Compatibly analysis: calculates interference from other requirements; identifies interference sources; results are shown on maps.

ITU HFBC

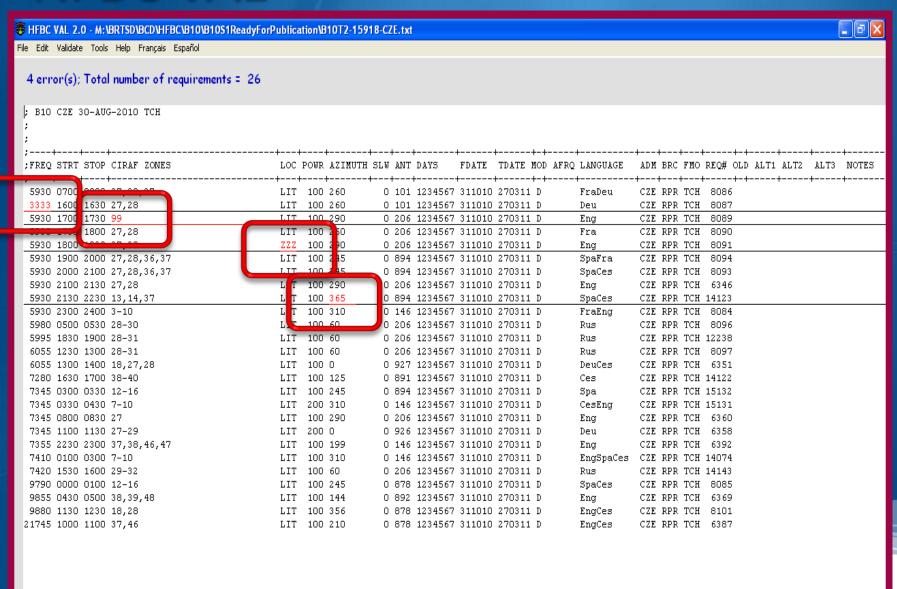


HFBC VAL Data validation software

- Designed to assist administrations to validate quickly their HFBC requirement files:
 - For Article 12 HF bands.
 - For Regional coordination groups bands.
- Remove requirements with frequencies out of the Article 12 bands.



HFBC VAL



HFBC ANT Antenna calculation program

- Theoretical approach based on Recommendation ITU-R BS.705
- Calculates the radiation patterns and gain of the most common used HF antennas.
- Provide quick reference for administrations and broadcasters in identifying antennas.

HFBC ANT



English Español Français

HFBC Antennas

Please enter Antenna Code or select from list below If required, make changes to parameters and click Refresh

Antenna Type

AHR (100-299)

CHR (300-499)

EHR (500-699)

CH (700-750)

CT (750-799)

LPH (800-849)

LPV (850-874)

LI V (000 01 1

RH (875-924)

HQ (925-949)

HX (950-974)

VM (975-990)

Old Codes (1-75)

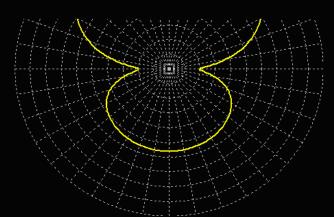
Tools

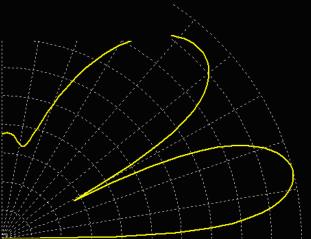
Refresh

Print

Exit







Thank you for your attention

Questions



