Spectrocan

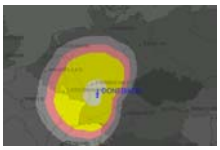
CHIRplus_BC
LF/MF Extension

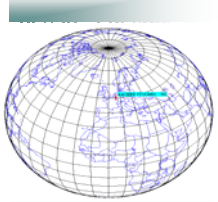
AFMS
Automated Frequency Management System

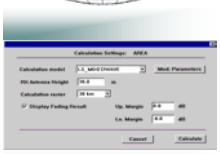
Planning and Coordination of Long Wave and Medium Wave Broadcast Services

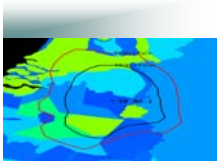
Features & Highlights

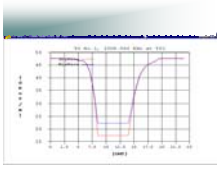
- Powerful transmitter database to support frequency plans
- Graphical user interface
- Various map projections
- Display of stations and calculation results on background maps
- Ground wave calculation, including Millington algorithm
- Sky wave calculation
- Mixed wave / fading zone calculation
- Contour and interference calculations
- Various multiple interference calculation algorithms (power sum, SMM, log normal, simplified log normal)
- Network analysis
- Daytime and seasonal effects; 24 hour prediction at test points
- Synchronized networks
- Coordination tools
- Multi user information data base
- Interface to BR IFIC CD-ROM
- Database update with weekly circular (WIC)
- T03 forms and electronic notification format ITU TerRaSys
- User definable protection ratios
- Ability to handle Conductivity maps according to ITU Rec. P. 832
- Sunspot number dependency

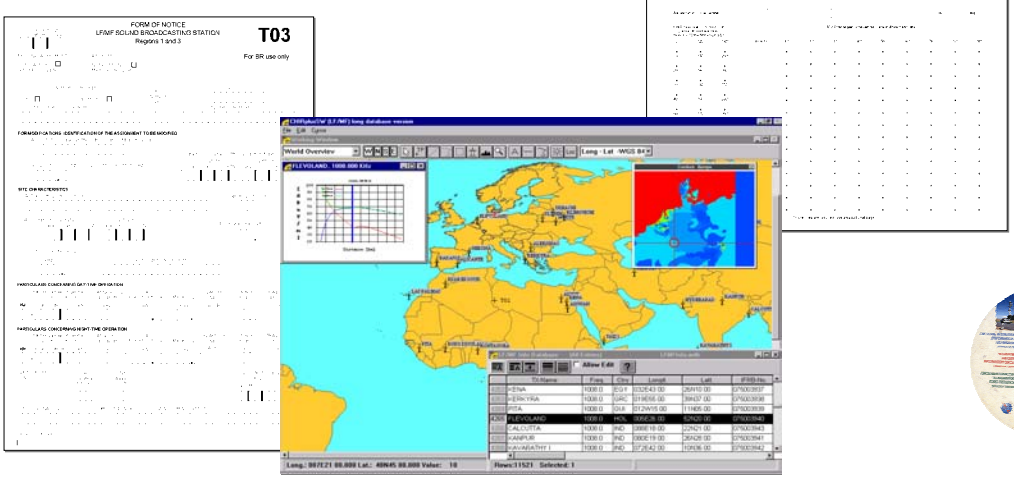












Implemented Recommendations / Regulations (Excerpt)

CCIR Rec. 368
ITU-R P. 1147
Geneva 75 Plan
ITU-R P. 527

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