

# A web portal for broadcasting services



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# Agenda

- Portal overview
- The tools

eQry

ePub

eTools

myAdmin

- Future directions

# Access to the Portal

<http://www.itu.int/ITU-R/terrestrial/broadcast/index.html>



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## Broadcasting Services

Our Bands

MIFR

Plans

HFBC

Forum

FAQ

On-line services/Software

Reference documents

[ITU Sectors](#) | [Newsroom](#) | [Events](#) | [Publications](#) | [Statistics](#) | [About ITU](#)

### Broadcasting Services Division

Broadcasting Services Division (BCD) examines notices and submissions for frequency assignments concerning television and sound broadcasting terrestrial services in all broadcasting bands (LF, MF, HF, VHF and UHF) and provides assistance to administrations with respect to the technical, regulatory and administrative procedures applicable to the planning of terrestrial broadcasting services.

Its main activities include:

- Examining proposed modifications to the frequency Plans with respect to their impact on other administrations in accordance with the procedures specified in the Regional Agreements.
- Examining proposed notifications for recording in the Master International Frequency Register (MIFR) in accordance with the Radio Regulations and associated Regional Agreements.
- Examining the compatibility analysis for HF broadcasting requirements submitted for inclusion in the seasonal schedules in accordance with Article 12 of the radio Regulations.
- Providing assistance and training to administrations in the application of relevant provisions of the Radio Regulations and Regional Agreements.
- Developing technical software that assist administrations in the planning and coordinating of terrestrial broadcasting services.

Contact: [brbcd@itu.int](mailto:brbcd@itu.int)

### In focus!

**GE 06**

Frequency coordination  
for Sub-Saharan Africa

[Sub-Sahara GE06 Frequency  
Coordination Meetings](#)

### Broadcasting Databases

**eBCD**

Broadcasting data only a few  
clicks away!

### Coming events

■ 17-19 July 2013, Nairobi,  
Kenya.

*3rd and Final GE06 Frequency  
Coordination Meeting for Sub-  
Saharan African countries*

■ 26-30 August 2013,  
Bratislava, Slovakia.  
*B13 Season HFCC/ASBU  
Frequency Coordination  
Conference*

# Overview

**myAdmin**

"My own office  
@ ITU: opening ~24/7"

BR DB

Daily copy

**eTools**

"My test calculations  
on-demand"

BR DB

Weekly copy

**ePub**

"Special sections,  
the publication day!"

BR DB

Snapshot


**eQry**

"Fast search  
on Plans and MIFR"


BR DB

Daily copy

# Overview



eTools  
ePub  
eQry

TIES users 



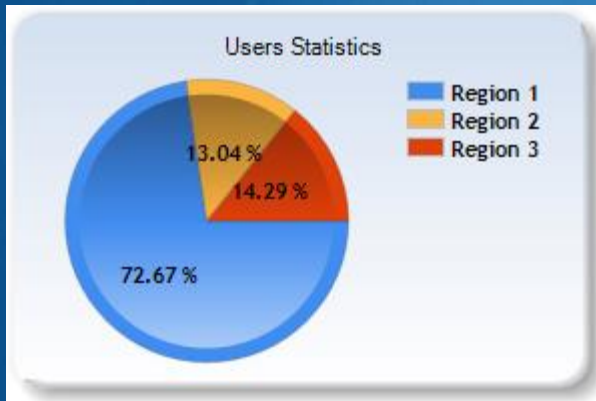
myAdmin

TIES users   
BCD authorization required

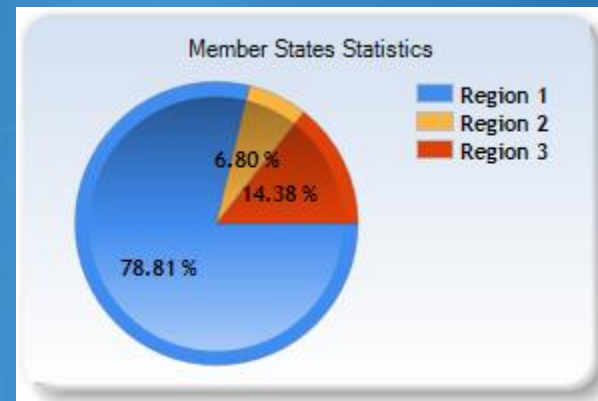
## Tips:

- Check [yourTIESaccount@itu.int](mailto:yourTIESaccount@itu.int) for eBCD 2.0 e-communications
- You can set Email Forwarding to your work account from [here](#)

# Overview



>1000 Users



161 Member States

"Online search  
on Plans and MIFR"

eQry

Read-Only copy of BR  
Database (Updated daily)

GE06	ST61	GE75	MIFR
	GE89	RJ81	(FMTV)
GE84			GE06L

### Search by:

- Administration
- Geographic Area
- Frequency
- Administration Unique Identifier
- BR Identification number
- Status (Recorded/Published)
- Site/Allotment name

*“Special Sections,  
the publication day!”*

# ePub

Database Snapshots  
at publication date

GE06	ST61	GE75	MIFR
	GE89	RJ81	(FMTV)
GE84			GE06L

## Search by:

- BR IFIC number
- Administration
  - My notifications
  - Notifications which affects me



"On-demand test  
calculations"

# eTools

Read-Only copy of BR Database  
(Weekly copy)

**GE06D** Plan Modification (Coordination/Conformity)    **RJ81** Plan Modification

ITU-R P1812

**GE06D** Compatibility

Point to Area

**GE06A** Coordination  
exam

ITU-R P1812

Point to Point

# eTools: privacy & job sharing

Jobs (e-notice and results) are owned and visible ONLY by submitter...



...you can now share them with other eBCD registered users!



# eTools: back-end infrastructure

- Six independent processes currently available in ITU servers
- System can upscale easily according to computing demand



Pilot-project to  
integrate external  
cloud resources

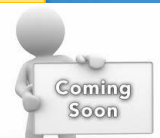
# ITU-R P1812 calculations

Propagation prediction model using terrain profile

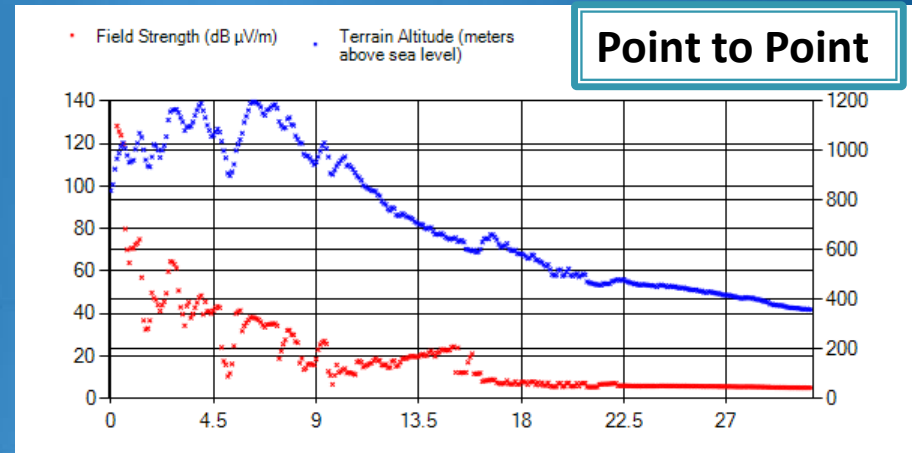
- 30 MHz - 3 GHz
- 0.25 km – 3000 km
- 1% < time < 50%
- 1% < locations < 99%

SRTM3 terrain database  
3 arc-sec resolution (90 m)

still P1812-1



P1812-3(09/2013)



*"My own office  
@ ITU: opening ~24/7"*

# myAdmin

## My Mail Box

Communication between the BR and the Member State:

Ex: Plan notices not yet published (for specific cases)

→GE06D notices under Conformity Review (30 days)

*"My own office  
@ ITU: opening ~24/7"*

# myAdmin

## My Plan Statistics

Plan notices and assignments submitted by my Administration

Plan notices in coordination which affect my Administration

Coordination given/received by my Administration in the last 30 days

## My MIFR Statistics

MIFR assignments and notices (part 1, 2, 2B, 3) submitted by my Administration

"My own office  
@ ITU: opening ~24/7"

# myAdmin

## My Profile: services subscription

Send me an E-mail when new Special Sections containing my notifications or notifications affecting me are available on the web

**>1000 subscribers**

Send me an E-mail when Coordination/Objection for my notices enters the database

**>700 subscribers**

# Future directions

- Improve performance (speed)

- Add services in **eTools**
  - Article 5 (GE06D) conformity examination
  - Ex. Assist administrations the planning of VHF-FM sound broadcasting services in accordance with the GE84 Agreement (GE84PLN evolution):

- Add services in **myAdmin**



# Future directions

- Open access to broadcasting recorded data to the general public
- Integrate HF
- Extend the functionalities outside the broadcasting community?

# Future directions

- Please send us your eFeedback!
  - How can we improve our services?
  - What do you need?
- Please answer the online survey and help us improve

*Thank you for your attention!*

*Questions?*

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