



GE84
Plan
optimization



Online tools and electronic communication
means for terrestrial services

Online workshop,
April 2021

By *Andrea Manara*
Broadcasting Service Division

Agenda

- **Tools presentations**
 - **Integrated eTerrestrial platform**
 - **eBroadcasting platform for broadcasting services**
 - **eQuery, ePub, myAdmin eTools**
 - **New developments: maps for GE84
Optimization process**
- **Tool demonstrations**

Integrated eTerrestrial platform



Committed to connecting the world

عربي 中文 Español Français Русский

YOU ARE HERE HOME > ITU-R > TERRESTRIAL SERVICES > E-TERRESTRIAL

Home eTerrestrial

eMIFR

Online Validation

eBroadcasting >

eTerrestrial: an online Portal for terrestrial services

The eTerrestrial platform provides **secure web-based services** to TIES users. The following tools are available:

eBroadcasting

(All TIES users)

eBroadcasting Portal: Tools for broadcasting services giving access to: online publications (ePub), databases (eQuery), calculations on-demand (eTools) and a service (myAdmin) allowing administrations to check and visualize their notices and recorded assignments, making it easy to follow the relevant Plan modification procedures and related deadlines.

[Go to eBroadcasting >](#)

eMIFR

(All TIES users)



eMIFR: Online query system of the Master International Frequency Register (MIFR) for all terrestrial services

[Go to eMIFR >](#)

Online Validation

(All TIES users)



Online Validation: Validation of frequency assignment/allotment notices before their official submission via WISFAT

[Go to Online Validation >](#)

eBroadcasting platform



Objectives

Bring the BR closer to Administrations with added-value services

- Up-to-date broadcasting data
- Special Section at publication date
- Calculation-on-demand
- Easily follow-up on plan modification procedures and related deadlines

Outcome

- Reduce workload on both BR and administrations
- Reduce the need for printed documents

not [TIES](#) users? Use user1 credential

Output

eQry

ePub

eTools

myAdmin

TIES

TIES users

Focal point only



eBroadcasting platform

eBroadcasting: Broadcasting Online

eBroadcasting, an online platform for broadcasting services

The eBroadcasting platform provides **secure web-based services** related to terrestrial broadcasting to TIES users. The platform provides services to consult databases (**eQuery**), publications (**ePub**) and to perform calculations on-demand (**eTools**) in the scope of selected broadcasting agreements also and propagation prediction calculations. It provides also a portal (**myAdmin**) which allows administrations to check and visualize their notices and recorded assignments, making it easy to follow the relevant Plan modification procedures and related deadlines.

eQuery

(All TIES users) 



eQuery allows fast online searches on broadcasting plans. It allows performing queries on quasi-live databases (updated daily), including the current status and coordination information.

[Go to eQuery >](#)

ePub

(All TIES users) 



ePub contains the broadcasting publication online. It allows administrations to consult Special Sections as soon as they are published. All broadcasting publications since 2007 are available.

[Go to ePub >](#)

eTools

(All TIES users) 



eTools offers calculation on-demand in the scope of the GE06, GE84 and RJ81 agreements for testing purposes. It also allows propagation prediction calculations according to the recommendations ITU-R P1812 and P.1546.

[Go to eTools >](#)

My Admin

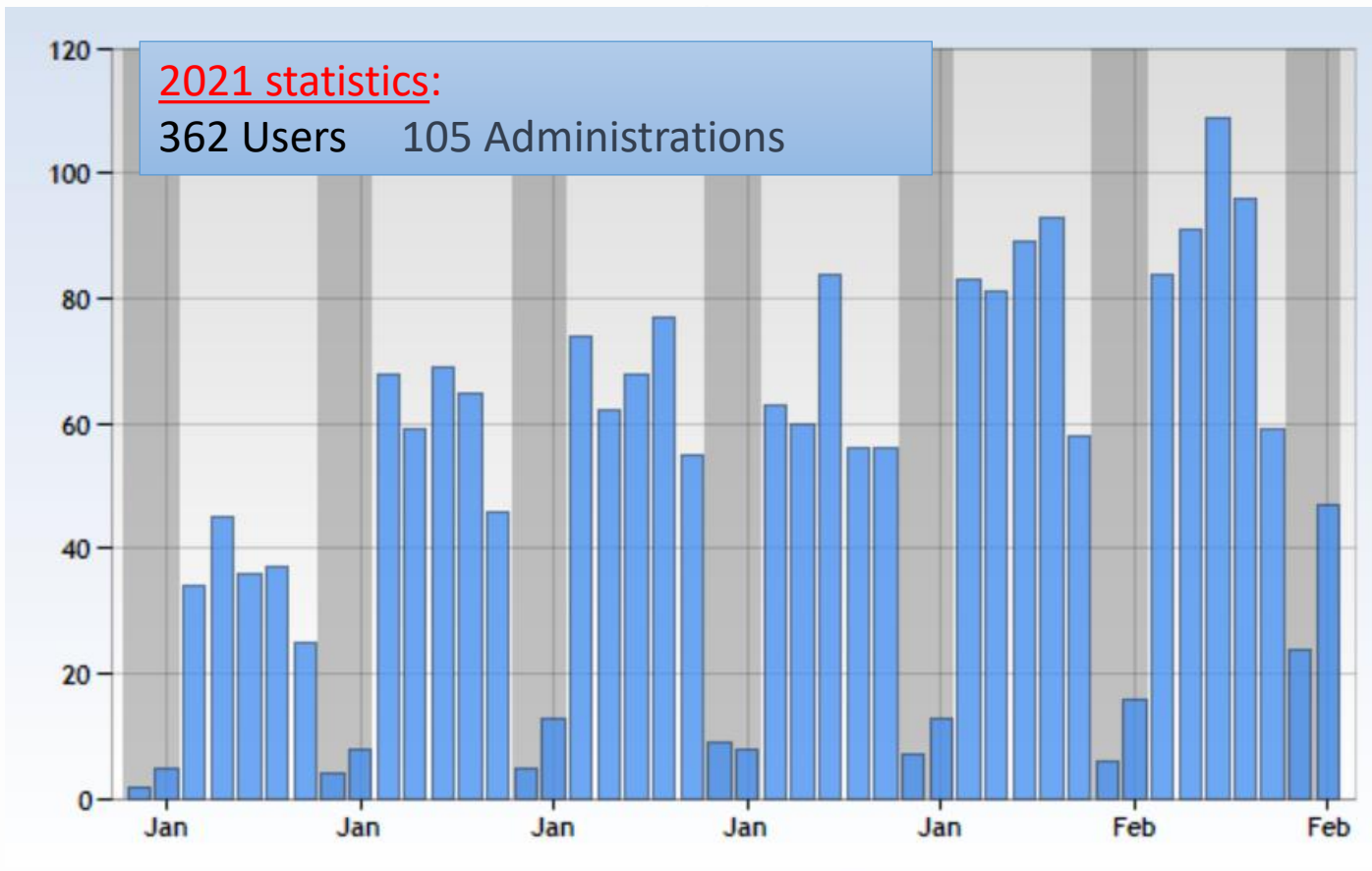
(Administration Focal Point ONLY) 



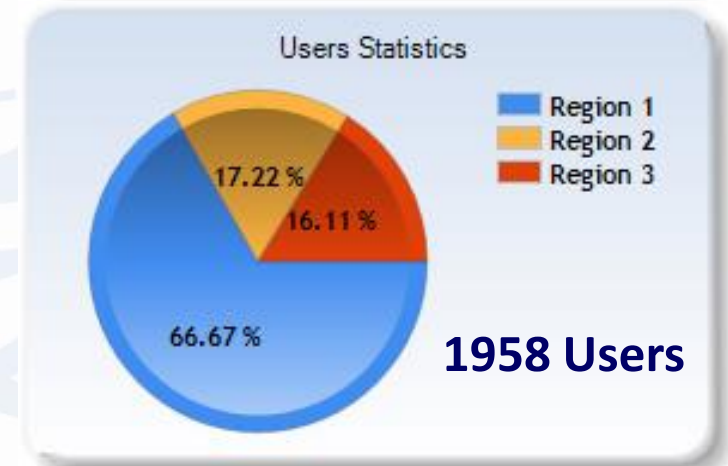
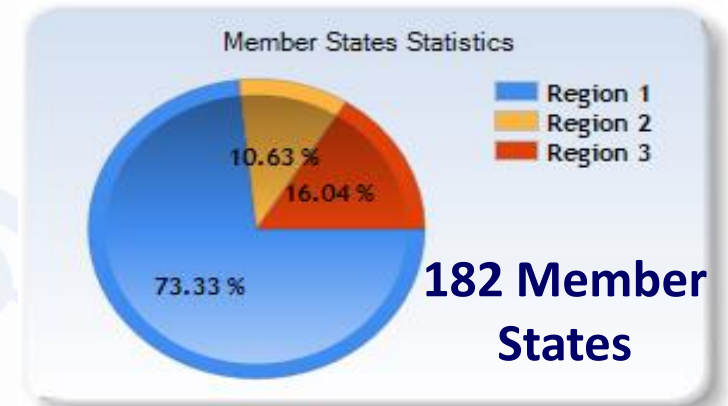
myAdmin is the virtual ITU Broadcasting Office (open 24/7) allowing administration to visualize relevant notices and recorded assignment for an easy follow-up of plan modification procedures and related deadlines.

Administration Focal Point ONLY (Authorization needed).

eBroadcasting platform

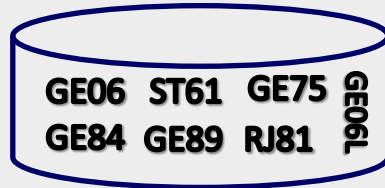


Number of daily user logins 2021



eQry

“Online search on
Plans”



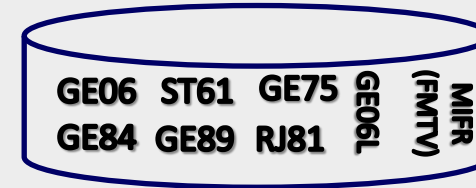
Read-Only copy of BR
Database (Updated daily)

Search by:

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

ePub

“Special Sections,
the publication day!”



Database Snapshots
at publication date

Search by:

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

eTools

“On-demand test calculations”

2020-2021 statistics

Around **6000 jobs** run by **248 users** from **90 Administrations**

Calculation Type

GE06D Plan Modification

GE06D Compatibility Analyses
(incl. ATU, ASMG)

GE84 Compatibility Analyses,
GE84 Optimization



CA Compatibility Analyses

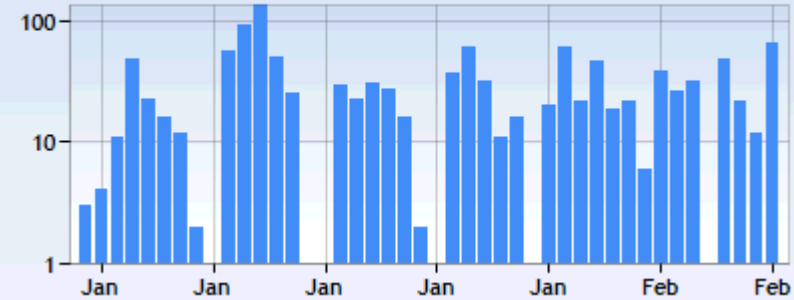
RJ81 Plan modification and
what-if studies

ITU-R P.1812 v4 & P.1546 v5

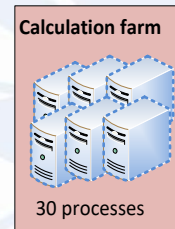
Notice Generation

2021 statistics

Jobs (Daily)



Back-end infrastructure



ITU internal farm: 30 processes distributed in such a way to minimize waiting time.

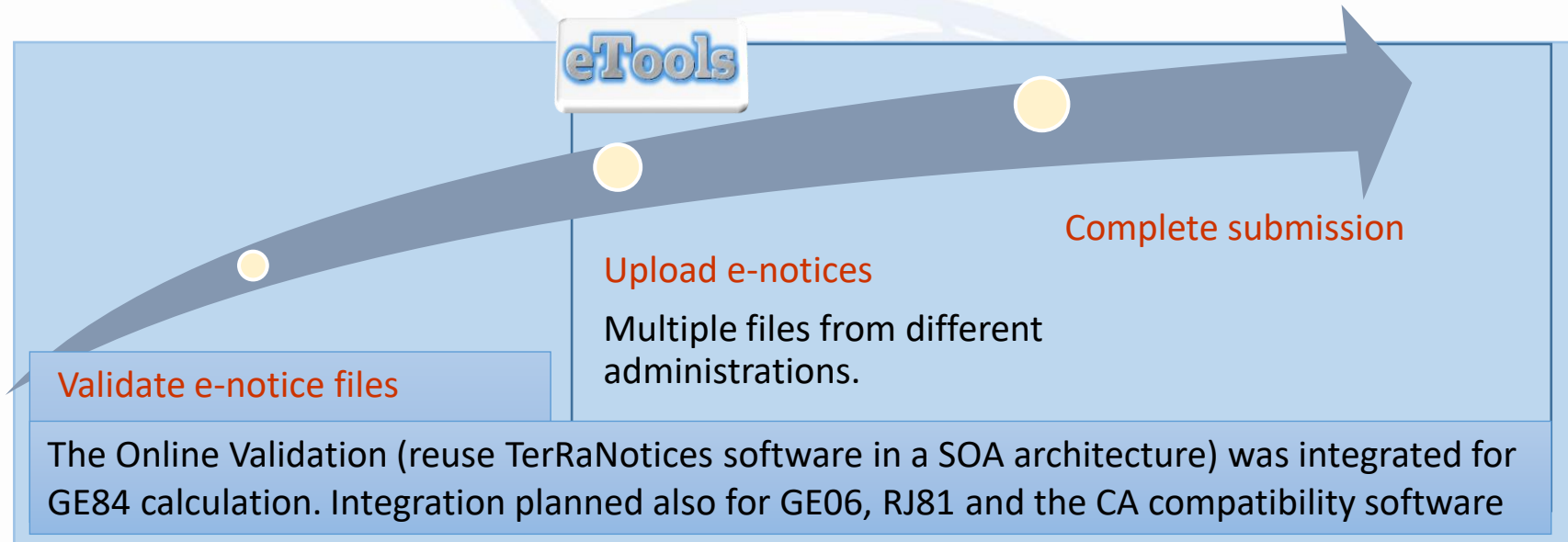
Coverage contours now available!



eTools: e-notice submission

GE06, RJ81, CA Compatibility

GE84



The ITU distributed processing infrastructure will treat your test submission and inform you at completion!



Check your E-mail account!

eTools: job processing, privacy and collaboration

Job processing

GE84 GE84 Compatibility Analyses Beta Release

New Calculation

Refresh

Jobs History for user: manara

Test Packages (click to hide all)

JobId	JobName	JobStatus	JobType	DRequest	DStart	DComplete	TElaps
79367	test	Success	GE84_compat	9/28/2020 7:03:30 PM	9/28/2020 7:04:10 PM	9/28/2020 7:19:04 PM	16
79346	test	Success	GE84_compat	9/28/2020 4:45:15 PM	9/28/2020 4:45:59 PM	9/28/2020 4:46:44 PM	1
79342	test	Success	GE84_compat	9/28/2020 4:38:10 PM	9/28/2020 4:39:05 PM	9/28/2020 4:41:16 PM	3
79339	test	Success	GE84_compat	9/28/2020 4:18:28 PM	9/28/2020 4:19:02 PM	9/28/2020 4:20:44 PM	2
79335	test	Success	GE84_compat	9/28/2020 3:49:24 PM	9/28/2020 3:50:09 PM	9/28/2020 3:52:31 PM	3
79324	test (shared job)	Success	GE84_compat	9/28/2020 2:40:47 PM	9/28/2020 2:41:31 PM	9/28/2020 2:41:42 PM	1
79275	BHR 12 test (shared job)	Success	GE84_compat	9/25/2020 5:21:14 PM	9/25/2020 5:21:49 PM	9/25/2020 5:23:35 PM	2
78816	test	Failed	GE84_compat	9/17/2020 9:54:29 AM	9/17/2020 9:54:32 AM	9/17/2020 9:55:12 AM	1

Job Summary

Delete ✕ Share

Job Id	Job name	Status
78816	test	Failed

Job Input

Adm	E-notice file	Number of Notices
BOT	BOTerror.txt	1

Configuration Information

Top 20 only
 Consider Tip
 TV also
 Polarization Discrimination (dB)
 Trigger NFS from proposed modification for EU calculations (dB (µV/m))

Job Output : ERROR

Validation Error:
Parse status: T_PARSE_NTC_INCOMPLETE
Total number of errors: 1
Total number of warnings: 0

Notice 1 (Line 4) - T01/ADD
Error 1 : Error : t_ant_dir : mandatory key missing or the associated key value is invalid.

Please contact brbcd@itu.int if the error message is unclear

Privacy and collaboration

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

... facilitate coordination!

...you can now share them with other eBCD registered users! (web2.0)



Around **950 jobs** shared by **340 users** from **90 Administrations**

GE84 Compatibility Analyses

Job Input

Adm	E-notice file	Number of Notices
BOT	BOTemptycells.txt	1

Configuration Information

Top 20 only
 Consider Tip
 TV also
 Polarization Discrimination (dB)
 Trigger NFS from proposed modification for EU calculations (dB (µV/m))

Job Output

Input notice file validated by the OnlineValidation process on 9/18/2020 10:54:00 AM

Proposed Modification	Administrations with which the limits of 4.3.7.1/4.3.7.2 are exceeded	Eu (dB(µV/m))
87.7MHz_BT 12	NMB BOT	76.26

Select the proposed modification

87.7MHz BT 12

More during GE84 presentation!

GE84 Compatibility Analyses Description

Result **Interference To** Interference From

Export to Excel

Search:

Assign ID	Adm	Intent	Stn Cls	Assigned Frequency (MHz)	Polar	Site Name	Total Distance	Cold Sea Path (Km)	Warm Sea Path (Km)	Super refractivity Path (Km)	ERP (dBW)	Azimuth (deg)	Protection Ratio (dB)	NFS (dB(µV/m))	EU Ref (dB(µV/m))	Proposed EU (dB(µV/m))	Current EU (dB(µV/m))	EU increase (dB)
084002236	NMB	RECORDED BC		87.7	H	MARIENTAL	262	0	0	0	47	271	37	72.14	72.28	77.65	72.4	5.25
084004917	BOT	RECORDED BC		87.7	H	GHANZI	335	0	0	0	47	21	37	64.77	63	69.13	63.18	5.95
084002194	NMB	RECORDED BC		87.6	H	KEETMANSHOOP	332	0	0	0	47	225	25	53.12	66.2	67.66	66.27	1.39
084002296	NMB	RECORDED BC		87.6	H	NM 25	335	0	0	0	47	313	25	52.83	70.19	84.52	84.48	0.04
084004822	BOT	RECORDED BC		87.7	H	BT 15.1	518	0	0	0	47	80	37	48.04	71	71.24	71	0.24
092003524	NMB	RECORDED BC		87.6	H	GOBABIS	276	0	0	0	47	322	12	45.7	91.58	91.58	91.58	0
084002560	NMB	RECORDED BC		88	H	NM 71	127	0	0	0	47	270	-7	43.66	62.33	62.91	62.33	0.58
084000411	AFS	RECORDED BC		87.8	H	AUGRABIES	452	0	0	0	47	181	25	41.98	68.09	68.26	68.11	0.15
084002416	NMB	RECORDED BC		87.7	H	OROS	604	0	0	0	47	324	37	40.28	72.75	72.79	72.76	0.03
084000363	AFS	RECORDED BC		87.7	H	PRIESKA	613	0	0	0	47	160	37	39.39	68.92	69.01	68.94	0.07
084002284	NMB	RECORDED BC		87.8	H	NM 23	491	0	0	0	47	295	25	38.55	71.61	71.64	71.61	0.03
084004744	BOT	RECORDED BC		87.8	H	RAKHUNA	524	0	0	0	47	105	25	35.48	75.22	75.24	75.24	0

Showing 1 to 12 of 12 entries

Previous **1** Next

GE84Opt



Adm	Submitted	Assignable	Non Assignable
AFS	177	86	91
NMB	73	73	0

Showing results for assignable requirements from NMB

Select requirement:

FLEX-ARIAMSVLEI (019°50'00"E-28°08'00"S) System 4 Polarization H

More during GE84 presentation!

GE84 Optimization Description

Summary [FLEX-ARIAMSVLEI (019°50'00"E-28°08'00"S) System 4 Polarization H]

Details of the requirement under consideration

Show top 5 interferers in the summary Show top 5 affected in the summary

Frequency (MHz)	Top five interferers																
	Assign ID	Adm.	Intent	Class	Freq.	Pol.	Site Name	Dist.	Cold Sea	Warm Sea	Sup. Refr.	ERP	Azim.	Prot. Ratio	NFS	Coord.	
FLEX	56	AFS	ADD	BC	FLEX	H	AUGRABIES	73	0	0	0	47	310.9	45	101.16	---	
	70	AFS	ADD	BC	FLEX	H	NOENIEPUT	76	0	0	0	47	216.8	45	97.01	---	
	248	NMB	ADD	BC	FLEX	H	UR	144	0	0	0	47	118.8	37	89.81	---	
	213	NMB	ADD	BC	FLEX	H	NM 5	115	0	0	0	47	141.1	37	89.61	---	
	62	AFS	ADD	BC	FLEX	H	HOUMOED	119	0	0	0	47	357.6	37	88.14	---	

Excel

Frequency (MHz)	Max NFS Generated (dB(μV/m))	Max NFS Received (dB(μV/m))	Top five interferers																
			Assign ID	Adm.	Intent	Class	Freq.	Pol.	Site Name	Dist.	Cold Sea	Warm Sea	Sup. Refr.	ERP	Azim.	Prot. Ratio	NFS	Coord.	
87.6	74.23	74.23	084002194	NMB	RECORDED	BC	87.6	H	KEETMANSHOOP	241	0	0	0	47	136.1	37	74.23	---	
			084000411	AFS	RECORDED	BC	87.8	H	AUGRABIES	73	0	0	0	47	310.9	7	68.69	---	
			084000279	AFS	RECORDED	BC	87.6	H	GARIES	296	0	0	0	37	35.4	37	60.92	---	
			084000363	AFS	RECORDED	BC	87.7	H	PRIESKA	321	0	0	0	47	301.8	25	54.8	---	
			084000255	AFS	RECORDED	BC	87.6	H	BEAUFORT WEST	525	0	0	0	47	330.1	37	47.92	---	
87.7	89.16	89.16	084000411	AFS	RECORDED	BC	87.8	H	AUGRABIES	73	0	0	0	47	310.9	33	89.16	---	
			084000363	AFS	RECORDED	BC	87.7	H	PRIESKA	321	0	0	0	47	301.8	37	66.8	---	
			084002194	NMB	RECORDED	BC	87.6	H	KEETMANSHOOP	241	0	0	0	47	136.1	25	62.23	---	
			084002236	NMB	RECORDED	BC	87.7	H	MARIENTAL	452	0	0	0	47	155.4	37	54.01	---	
			084000279	AFS	RECORDED	BC	87.6	H	GARIES	296	0	0	0	37	35.4	37	60.92	---	

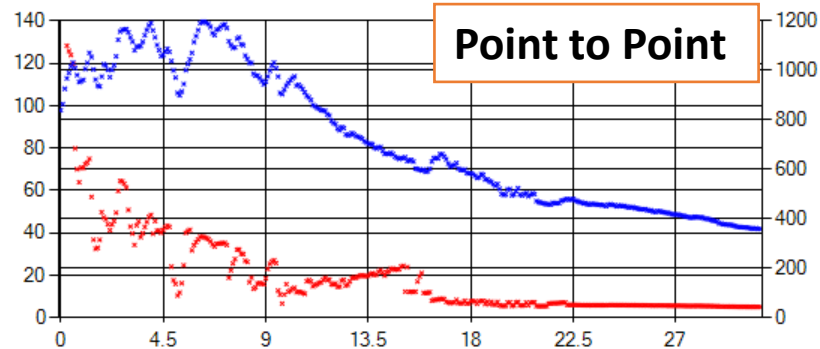
eTools: ITU-R P series calculations

P.1812-5 (08-19)

Propagation prediction using terrain profile (deterministic model)

- 30 MHz - 3 GHz
- 0.25 km - 3000 km
- 1% < time < 50%
- 1% < locations < 99%
- Rx and Tx hgt agl <= 3km

SRTM3 terrain database 3 arc-sec resol. (90 m)
Planned to move to 1 arc-sec (30m) in 2021

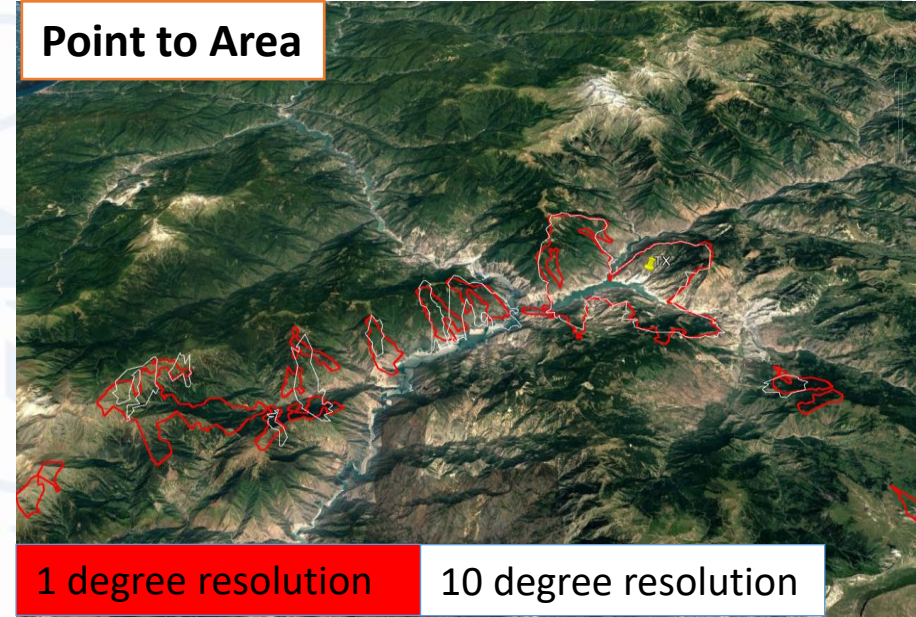


Coverage contours
now available!



Beta Release!

Point to Area



More during Propagation presentation!

eTools: ITU-R P series calculations

P.1546-6 (08-19)

Propagation prediction (empirical model)

- 30 MHz - 4 GHz
- 1 km - 1000 km
- 1% < time < 50%
- 1% < locations < 99%
- TX eff hgt <= 3km

Terrain database can be used (clearance angle correction) to improve accuracy

More during Propagation presentation!

Point to Area



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

CR 408: Restricted access to **focal point** only since **November 2016** for myAdmin and e-mail notification services.

291 focal points TIES account from **109 administration**

AFS AGL ALG ARM ARS AUS AUT AZE BDI BEL BEN BFA BHR BIH BLR BOL
BUL CHN CME COG COM CPV CTI CVA CYP CZE D DJI DNK E EGY EST F
FIN G GAB GEO GHA GNE GUI HNG HRV I IND INS IRL IRN J JOR KAZ KEN
KGZ KIR KOR LBR LBY LSO LTU LUX LVA MAU MCO MDA MDG MKD MLA
MLI MLT MNE MOZ MRC MTN NIG NMB NOR NZL OMA PAK PHL POL
POR PSE QAT ROU RRW RUS S SDN SEN SEY SNG SRB SSD SUI SVK SVN
SWZ SYR TGO TUN TUR TZA UAE UGA UKR UZB VTN ZMB ZWE

If focal point not notified → BR will use official email addresses for notification services (BUT no myAdmin access then ☹)

brbcd@itu.int

Missing for
GE84Opt activities:

BOT, CAF, COD, ERI,
ETH, GMB, GNB,
MWI, SOM, SRL,
STP, TCD

myAdmin MailBox: Latest Special Sections

Focal point only

Adm (ITU) MailBox GE06D GE84 GE89 ST61 GE75 MIFR



Latest Special Sections annex to the latest BR IFIC (2935) on date 8 Dec 2020

Your proposed plan modifications **to be published (Internal site ONLY)**

Plan	Special Section	PubPart	Number of Notices
GE84	295	A	6

Adm (ITU) MailBox GE06D GE84 GE75 MIFR



Latest Special Sections annex to the latest BR IFIC (2935) on date 8 Dec 2020

Plan modifications affecting your administration **to be published (Internal site ONLY)**

Plan	Special Section	PubPart	Number of Notices
GE84	295	A	2

myAdmin MailBox: Output correspondence

Focal point only

BR Outgoing Correspondence (BETA)

MailBox

GE06D

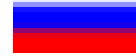
GE84

ST61

GE75

MIFR

ALL



Search:

Plan	Special Section	Correspondence	Date Letter	Deadline	Document	Number of days for comment/action
GE06	173	Publication of Special Section	24 Nov 2020	7 Feb 2021	31B(BCD)O-2020-004652	67
GE84	294	Publication of Special Section	10 Nov 2020	30 Dec 2020	31E(BCD)O-2020-004407	28
GE84	291	70 days reminder	28 Oct 2020	26 Nov 2020	31E(BCD)O-2020-004251	expired
GE84	293	Publication of Special Section	14 Oct 2020	2 Dec 2020	31E(BCD)O-2020-003944	0
GE75	181	10 months reminder	12 Oct 2020	9 Dec 2020	31C(BCD)O-2020-003808	7
GE84	291	50 days reminder	8 Oct 2020	18 Oct 2020	31E(BCD)O-2020-003910	expired
GE06	166	4.1.4.10	5 Oct 2020	14 Nov 2020	31B(BCD)O-2020-003828	expired
GE06	168	4.1.4.10	5 Oct 2020	14 Nov 2020	31B(BCD)O-2020-003831	expired
GE84	290	70 days reminder	30 Sep 2020	29 Oct 2020	31E(BCD)O-2020-003751	expired
GE06	171	Publication of Special Section	29 Sep 2020	13 Dec 2020	31B(BCD)O-2020-003716	11
GE84	292	Publication of Special Section	15 Sep 2020	4 Nov 2020	31E(BCD)O-2020-003587	expired
GE06	170	Publication of Special Section	1 Sep 2020	15 Nov 2020	31B(BCD)O-2020-003341	expired
GE06	167	4.1.4.10	18 Aug 2020	27 Sep 2020	31B(BCD)O-2020-003173	expired
GE06	167	4.1.4.10 (notifier)	18 Aug 2020	N/A	31B(BCD)O-2020-003174	N/A

Plans and MIFR dashboard



MyAdmin: Virtual ITU broadcasting office (open 24/7)

- MailBox
- GE06D
- GE84
- ST61
- RJ81
- GE75
- MIFR

GE84/F

Recorded Assignments	7647
Notices under treatment	11
Notices under treatment ready for Part B	2
Notices under treatment receiving objection	4
Notices under treatment which affect me	148
Notices under treatment which affect me I objected to	3
Comments given in the last period (30 days)	30
Comments received in the last period (30 days)	1
Notices to be deleted after 2 years and 100 days (60 days early warning)	1

BR Id	Adm	Site Name	Assigned Frequency	Intent	Special Section	End Date(Comments)	Coord Completed	ObjectionBy	Coord Required
120234005	F	BRUMATH	107.7	ADD	294	18 Feb 2021	AUT BEL D HOL I LIE SUI		AUT BEL CZE D HOL I LIE LUX SUI
120234006	F	PFETTISHEIM	107.7	ADD	294	18 Feb 2021	AUT BEL D HOL I LIE SUI		AUT BEL CZE D HOL I LIE LUX SUI
120233831	F	OSTHOFFEN	107.7	ADD	294	18 Feb 2021	AUT BEL D HOL I LIE SUI		AUT BEL CZE D HOL I LIE LUX SUI
120233832	F	VENDENHEIM	107.7	ADD	294	18 Feb 2021	AUT BEL D HOL I LIE SUI		AUT BEL CZE D HOL I LIE LUX SUI
120222431	F	FONT ROMEU ROC D ERR	98.7	ADD	293	21 Jan 2021	E		AND E I MCO
120146686	F	CHINON PARILLY	99.6	ADD	289		E		BEL E G LUX SUI
120146687	F	CHINON PARILLY	92.9	ADD	289		E		BEL E G LUX SUI
120111072	F	BEZIERS COURONDELLE	93.2	MODIFY	288		MCO	E	AND E I MCO SUI
118104697	F	PERPIGNAN	94.2	ADD	272		I MCO SUI	E	AND E I MCO SUI
118100866	F	LODEVE MAS FIGNOLS	104.1	ADD	271		MCO SUI	E	AND E I MCO SUI
118077585	F	CAVALAIRE SUR MER	90.4	MODIFY	268		AUT CVA D E I LIE SMR SUI	MCO	AND AUT CVA D E I LIE MCO SMR SUI

GE84/F

BR Id	Adm	Site Name	Assigned Frequency	Intent	Special Section	End Date(Comments)	Coord Completed	ObjectionBy	Coord Required
120146686	F	CHINON PARILLY	99.6	ADD	289		E		BEL E G LUX SUI
120146687	F	CHINON PARILLY	92.9	ADD	289		E		BEL E G LUX SUI

Plans and MIFR dashboard



MyAdmin: Virtual ITU broadcasting office (open 24/7)

Navigation tabs: MailBox, GE06D, **GE84**, ST61, RJ81, GE75, MIFR

GE84/F

Export to Excel | Export to PDF | Google Earth | Generate e-notices (Export to SGML) | Print | Search:

BR Id	Adm	Site Name	Assigned Frequency	Intent	Special Section	End Date(Comments)	Coord Completed	ObjectionBy	Coord Required
120111072	F	BEZIERS COURONDELLE	93.2	MODIFY	288		MCO	E	AND E I MCO SUI
118104697	F	PERPIGNAN	94.2	ADD	272		I MCO SUI	E	AND E I MCO SUI
118100866	F	LODEVE MAS FIGNOLS	104.1	ADD	271		MCO SUI	E	AND E I MCO SUI
118077585	F	CAVALAIRE SUR MER	90.4	MODIFY	268		AUT CVA D E I LIE SMR SUI	MCO	AND AUT CVA D E I LIE MCO SMR SUI

GE84/F

Export to Excel | Export to PDF | Google Earth | Generate e-notices (Export to SGML) | Print | Search:

BR Id	Adm	Site Name	Assigned Frequency	Intent	Special Section	End Date(Comments)	Coord Completed	ObjectionBy	Coord Required
120222431	F	FONT ROMEU ROC D ERR	98.7	ADD	293	21 Jan 2021	E		AND E I MCO

GE84

Export to Excel | Export to PDF | Google Earth | Generate e-notices (Export to SGML) | Print | Search:


BR Id	Adm	Site Name	Assigned Frequency	Intent	Special Section	End Date(Comments)	Coord Completed	ObjectionBy	Coord Required
118077585	F	CAVALAIRE SUR MER	90.4	MODIFY	268		AUT CVA D E I LIE SMR SUI	MCO	AND AUT CVA D E I LIE MCO SMR SUI

Summary Dashboard:


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eBroadcasting: E-mail notification services


Focal point only

Sun 11/27/2016 4:49 AM  Every Sunday 4.00 a.m.

eBCD, ITU
Recording of new coordinations/objections regarding your plan modifications (FIN)

Wed 11/23/2016 4:46 AM  eBCD, ITU
Publication of your proposed plan modifications (G)

Dear Madam/Sir

Wed 11/23/2016 4:46 AM  eBCD, ITU
Publication of plan modifications affecting your administration (RUS)

To: kari.hautala@ficor...; Shibaeva, Polina (TIES); p.shibaeva@grfc.ru; Sidelnikova, Svetlana (TIES); s.sidelnikova@grfc.ru

The Radiocommunications Bureau informs you that plan modifications affecting your administration have just been published in the relevant Special Sections annex to BR IFIC 2833, on date 22/11/2016

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The Radiocommunications Bureau informs you that plan modifications affecting your administration have just been published in the relevant Special Sections annex to BR IFIC 2833, on date 22/11/2016

For all detailed information please visit [ePub](#)

Latest Coordinations

assgn_id	pub
116113557	119
116113558	119
116150059	122

Plan	Special Section	NoNotices
GE84	246	73

eBroadcasting: E-mail notification services

Special Section GE84/294 of BRIFIC No 2933 dated Tuesday, November 10, 2020 (AUT) 31E(BCD)O-2020-004407



eBCD, ITU

To ernst.cerny@bmvit.gv.at; jakob.gschiel@rtr.at; thomas.janiczek@rtr.at; freq.koord@rtr.at; peter.reindl@rtr.at;
brigitte.halbertschlager@bmvit.gv.at; verena.pfau@rtr.at; axel.baier@rtr.at; anna.karlicky@rtr.at
Cc [Traore, Bangaly-Fodé](#)

Reply

Reply All

Forward



Tue 10/11/2020 20:25



Focal point only

Dear Madam/Sir

On date Tuesday, November 10, 2020 the Bureau addressed you a correspondence (Ref. No.31E(BCD)O-2020-004407) concerning the above-mentioned Special Section.

The Bureau wishes to inform you that this correspondence will be available tomorrow also in the Mailbox section of the [myAdmin](#) portal.



MyAdmin: Virtual ITU broadcasting office (open 24/7)

Adm (ITU)

MailBox

GE06D

GE84

ST61

GE75

MIFR



Welcome user manara

BR Outgoing Correspondence (BETA release)

GE84

Search:

Plan	Special Section	Correspondence	Date Letter	Deadline	Document	Number of days for comment/action
GE84	293	Publication of Special Section	14 Oct 2020	2 Dec 2020	31E(BCD)O-2020-003944	2
GE84	294	Publication of Special Section	10 Nov 2020	30 Dec 2020	31E(BCD)O-2020-004407	30
GE84	291	50 days reminder	8 Oct 2020	18 Oct 2020	31E(BCD)O-2020-003910	expired
GE84	292	Publication of Special Section	15 Sep 2020	4 Nov 2020	31E(BCD)O-2020-003587	expired
GE84	291	Publication of Special Section	18 Aug 2020	7 Oct 2020	31E(BCD)O-2020-003157	expired

GE84Opt Maps: visualization of assignable/non assignable channels

Ignore self interference Ignore interference received Acceptable NFS (dB ($\mu\text{V}/\text{m}$))

Select Administration

COG

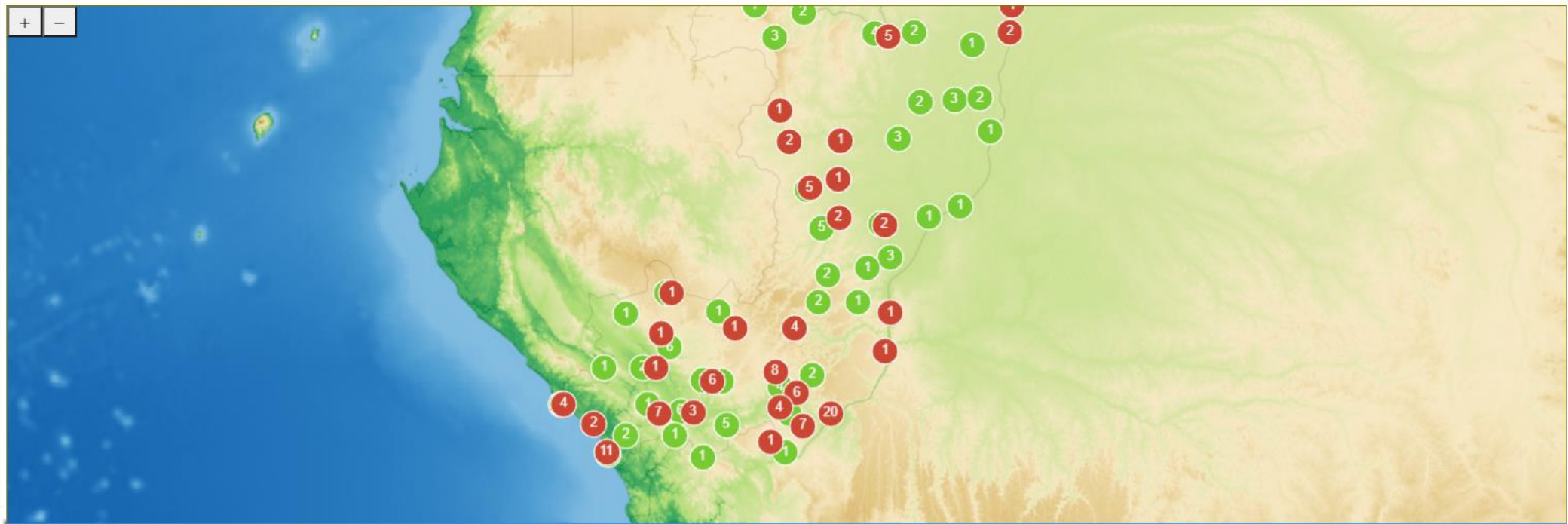
Evaluate Statistics

Adm	Submitted	Assignable	Non Assignable
COG	224	112	112

Show Terrain Data

Administration:

Coordinates:



-100m 0m 250m 500m 1000m 2000m 3000m 4000m 5000m 6000m

GE84Opt Maps: visualization interferers/affected for wanted requiriement

Showing results for assignable requirements from COG

Select requirement:

98.5 MHz-ALEMBE (015°10'00"E-01°15'00"S) System 4 Polarization H - Id: 3870

GE84 Optimization Description

Summary [98.5 MHz-ALEMBE (015°10'00"E-01°15'00"S) System 4 Polarization H - Id: 3870]

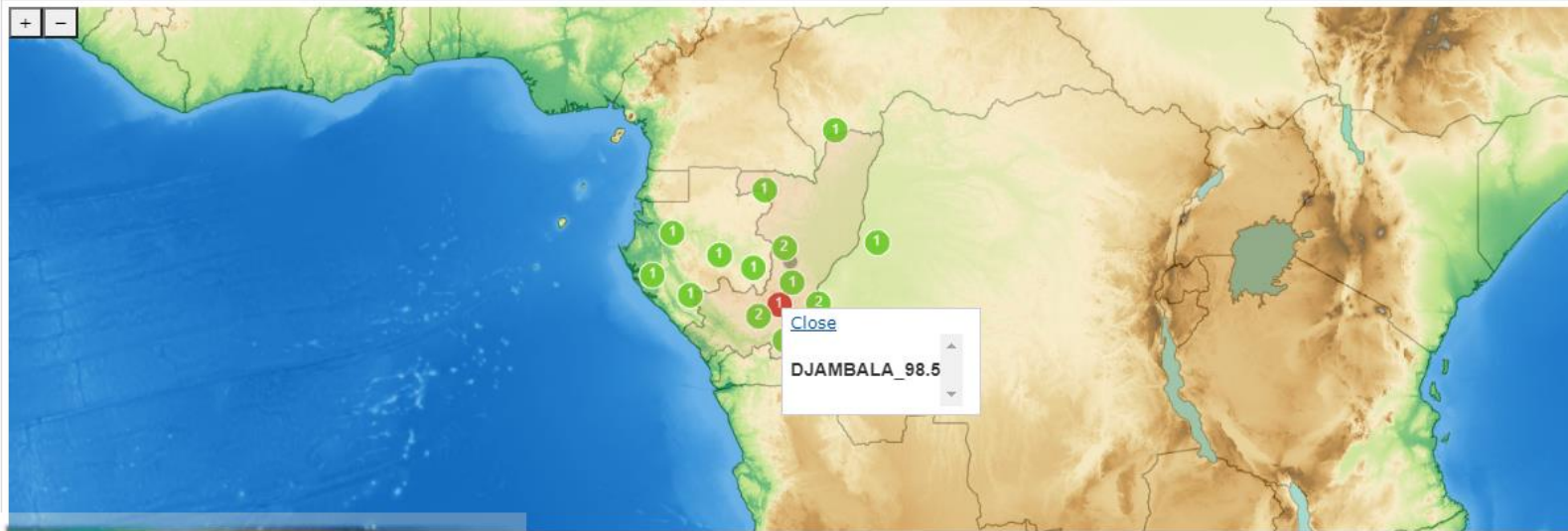
98.5MHz | List of Interferers

98.5MHz | List of Affected

Show Terrain Data

Administration:COG

Coordinates:



-100m 0m 250m 500m 1000m 2000m 3000m 4000m 5000m 6000m

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Excel

Assign ID	Adm	Intent	Stn Cls	Assigned Frequency (MHz)	Polar	Site Name	Total Distance	Cold Sea Path (Km)	Warm Sea Path (Km)	Super refractivity Path (Km)	ERP (dBW)	Azimuth (deg)	Protection Ratio (dB)	NFS (dB(μV/m))	Coord.
4035	COG	ADD	BC	98.5	H	DJAMBALA	186	0	0	0	32	14.5	37	56.55	---
084045920	COD	RECORDED	BC	98.4	H	LULONGA	370	0	0	0	50	257.5	25	52.41	---
096003144	COG	RECORDED	BC	98.7	H	MBON	89	0	0	0	37	354.1	7	50.04	---
3972	COG	ADD	BC	98.5	H	KINGOUE	297	0	0	0	32	22.4	37	49.32	---

The background features a large, light blue watermark of the ITU logo, which consists of a globe with the letters 'ITU' overlaid on it.

Thank you!

Questions to brbcd@itu.int