



AFRICAN TELECOMMUNICATIONS UNION
UNION AFRICAINE DES TÉLÉCOMMUNICATIONS

Online Meeting

1st frequency coordination meeting on GE84 Plan Optimization for Africa
Première réunion de coordination des fréquences sur l'optimisation du Plan GE84 pour l'Afrique
15 - 19 February 2021



Plateforme eBroadcasting

By *Andrea Manara*
Division de service de radiodiffusion

www.itu.int/go/GE84OptimizationPlanforAfrica



Agenda

- **Présentation des outils**
 - **Plateforme eTerrestrial intégrée**
 - **La plateforme eBroadcasting pour les services de radiodiffusion**
 - **eQuery, ePub, eTools, myAdmin**
 - **Nouveaux développements: cartes pour le processus d'optimisation GE84**

 - **Démonstration des outils**
-



Plateforme eTerrestrial intégrée



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 >](#)



Objectives

Rapprochez le BR des administrations avec services à valeur ajoutée:

- Recherche en ligne dans les Plans
- Sections spéciales, Le jour de la publication!
- Calcul sur-demande
- Suivi des procédures de modification aux Plans et les échéanciers afférents

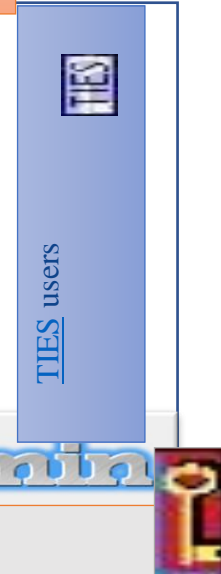
Outcome

- Réduire la charge de travail du BR et des administrations
- Réduire le besoin de documents imprimés

Output

The logo for 'eQry', featuring the text in a blue, stylized font with a white outline.The logo for 'ePub', featuring the text in a blue, stylized font with a white outline.The logo for 'eTools', featuring the text in a blue, stylized font with a white outline.The logo for 'myAdmin', featuring the text in a blue, stylized font with a white outline.

Focal point only







Plateforme eBroadcasting

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) 

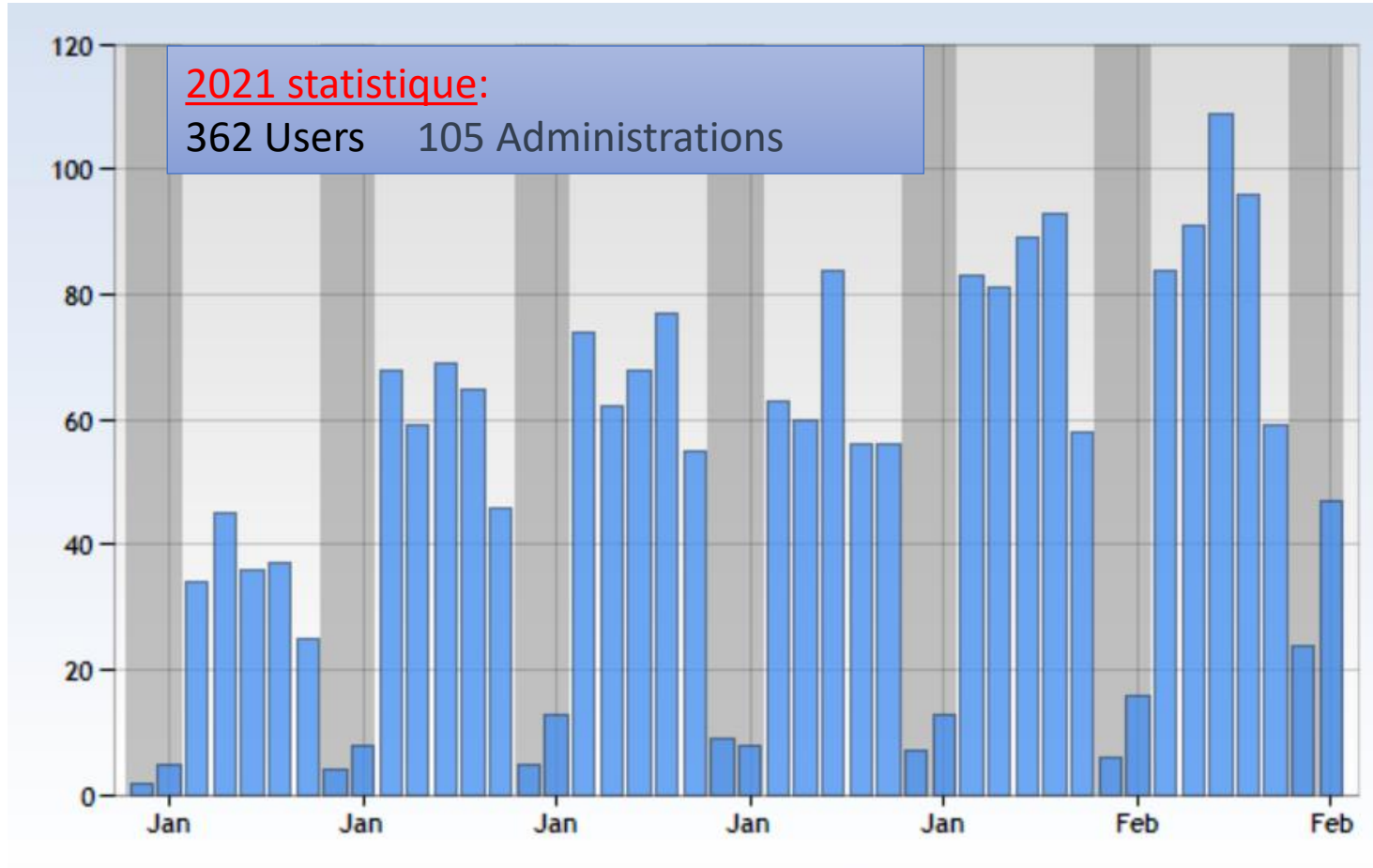


myAdmin is the virtual ITU Broadcasting Office (open 24/7) allowing administration to visualize relevant notices and recorded assignment for an easy follow-up of plan modification procedures and related deadlines.

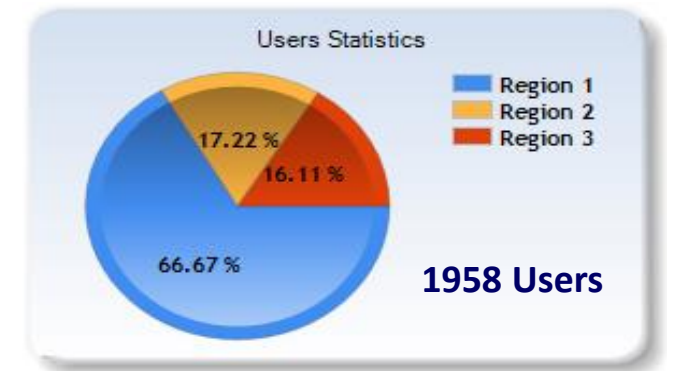
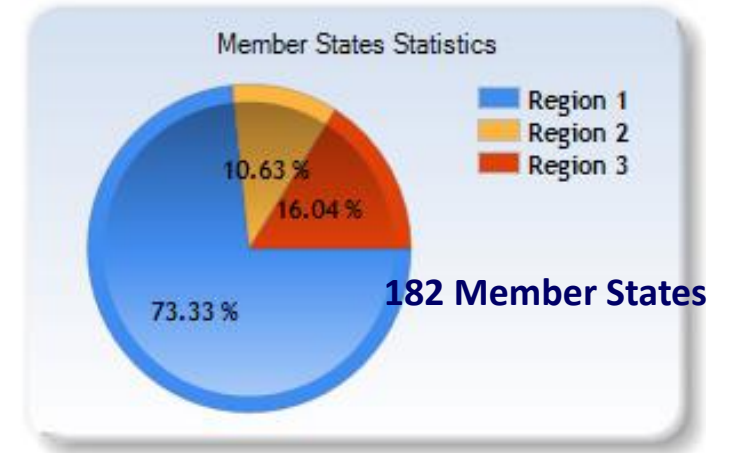
Administration Focal Point ONLY (Authorization needed).



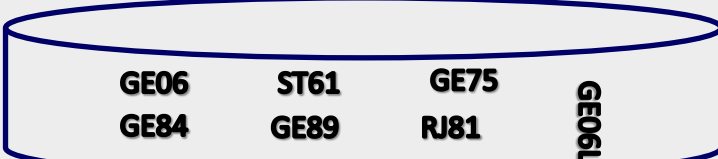
Plateforme eBroadcasting



Number of daily user logins 2021



"Recherche en ligne dans les Plans et dans le MIFR"




Version *Read-Only* de la base des données du BR (mise à jour journalière)

Recherche par:

- Code d'administration
- Zone géographique
- Fréquence
- Identificateur unique de l'administration
- Numéro d'identification du BR
- Statut (enregistré/publié)
- Nom de site

"Sections spéciales, Le jour de la publication!"



Instantanée de la base de données du jour de la Publication

Recherche par:

- Numéro de BRIFIC
- Code de l'administration
 - Mes notifications
 - Notifications qui m'affectent



eTools

“Calcul sur-demande”

Statistique 2020-2021

>6000 tâches (248 users, 90 administrations)

Calcul

GE06D modification au Plan

Analyses de compatibilité GE06
(incl. ATU, ASMG)

Analyse de compatibilité GE84
Optimisation GE84



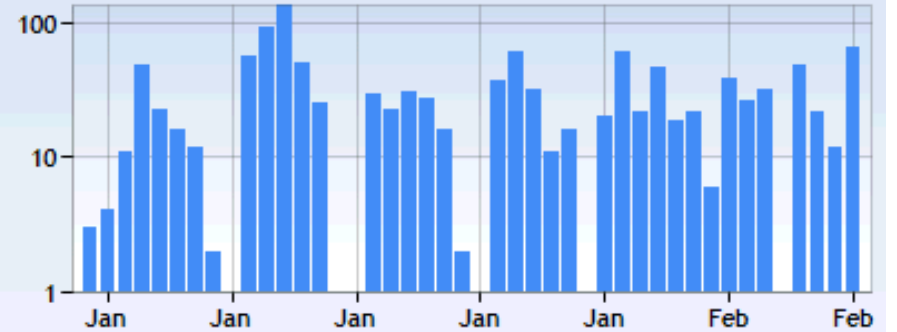
Analyse de compatibilité CA

RJ81 Article 4 études de cas “what-if”

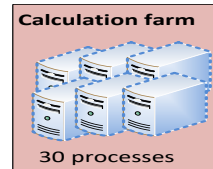
Modèles de propagation UIT-R P.1812 v5
& P.1546 v6

Génération de fichiers électroniques

2021 statistics



Infrastructure de serveurs



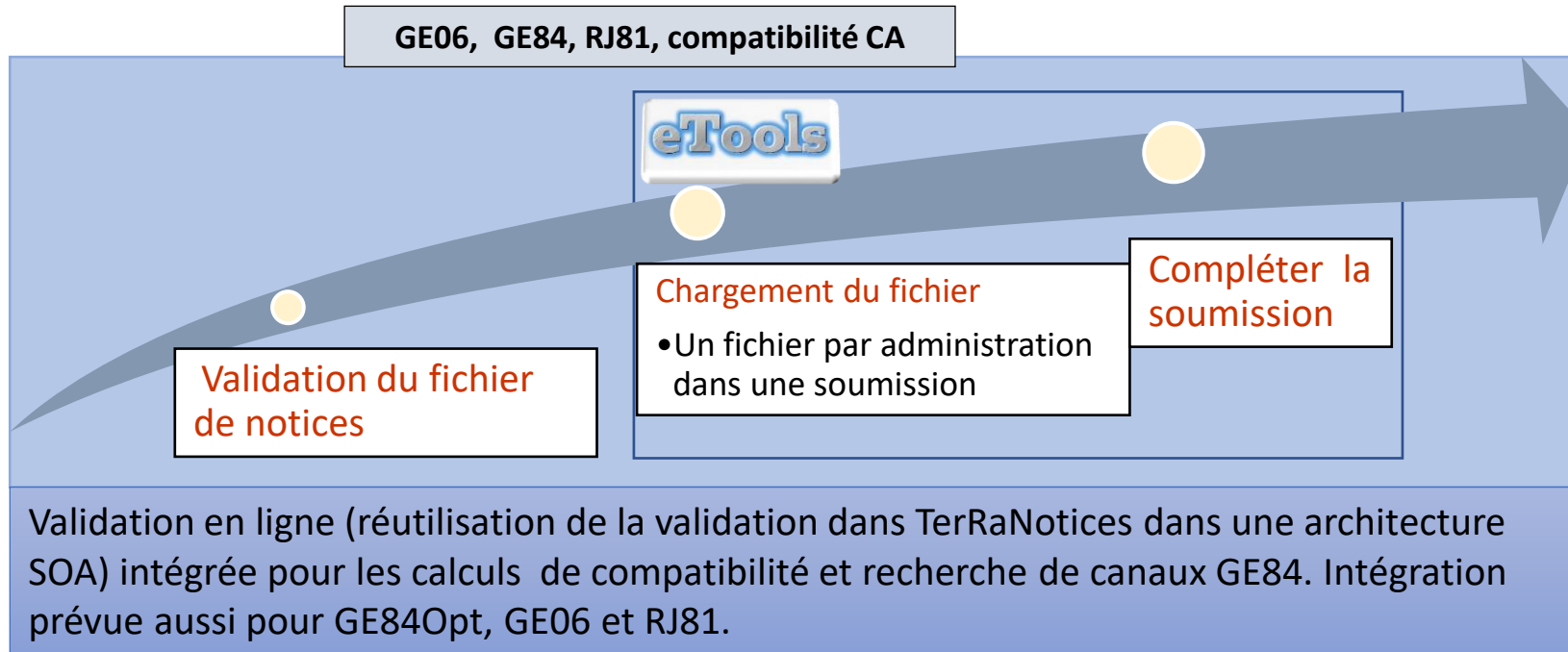
30 processus indépendants sont actuellement disponibles sur les serveurs de l'UIT pour les calculs

Contours de couverture maintenant disponibles!





eTools: soumission du fichier de notifications



L'infrastructure du traitement distribué de l'UIT traite votre soumission et vous informe quand elle a été traitée!



Vérifiez votre compte email!



eTools : Traitement des soumissions, confidentialité & partage des résultats

Traitement des soumissions

The processing system is currently ONLINE (28 processes available)

Please select the calculation type

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	RunningProcess
79267	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	CALCS_23
79266	test	Success	GE84_compat	9/28/2020 4:46:15 PM	9/28/2020 4:48:59 PM	9/28/2020 4:48:44 PM	1	CALCS_35
79262	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	CALCS_35
79239	test	Success	GE84_compat	9/28/2020 4:28:28 PM	9/28/2020 4:19:02 PM	9/28/2020 4:20:44 PM	2	CALCS_24
79235	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	CALCS_34
79224	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	CALCS_31
79225	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	CALCS_38
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	CALCS_40

Job Summary

Job Id	Job name	Status
78816	test	Failed

Job Input

Admin	E-notice file	Number of Notices
BOT	BOterror.txt	1

Configuration Information

Top 20 only
 Consider Tip
 TV also
 Polarization Discrimination (dB) 10
 Trigger NFS from proposed modification for EU calculations (dB (µV/m)) 30

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
 Line 1 : Error : t_ant_dir : mandatory key missing or the associated key value is invalid.

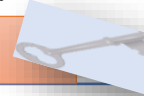
SVP contacter brbcd@itu.int
 Si le/les messages d'erreur ne sont pas clairs

Confidentialité & partage des résultats

Les tâches (soumissions et résultats) sont confidentielles, mais...



... Aide à la coordination!



... vous pouvez, si vous le désirez, les partager avec d'autres utilisateurs enregistrés dans eBCD!



Environ **950** tâches partagées par **340** utilisateurs (90 administrations)



Analyse de compatibilité GE84

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

Plus de détails dans la présentation suivant!

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)	Protectio 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 Next



GE84Opt: Outil d'optimisation

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

Plus de détails dans la présentation suivant!

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	66	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	---	



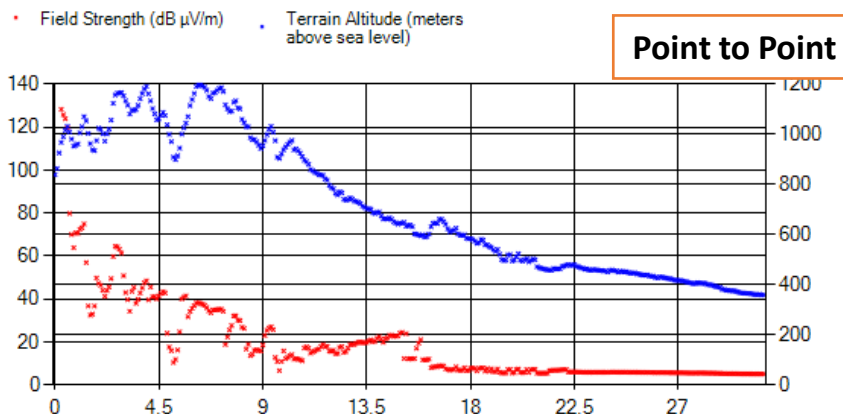
eTools: calculs selon modèles de propagation UIT-R (series P)

P1812-5 (08-19)

Modèle de prévision de la propagation en utilisant des données topographiques

- 30 MHz - 3 GHz
- 0.25 km – 3000 km
- 1% < % de temps < 50%
- 1% < % des emplacements < 99%

Base de données de terrain SRTM3, résolution 3s d'arc (90 m)

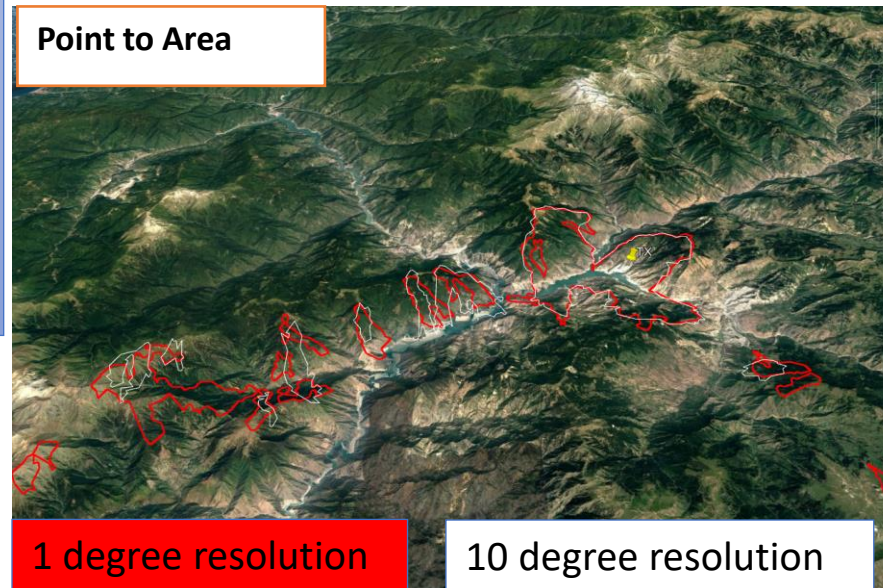


Contours de couverture maintenant disponibles!



Release Beta!

Point to Area



1 degree resolution

10 degree resolution

Plus de détails dans la présentation suivante



eTools: calculs selon modèles de propagation UIT-R (series P)

P1546-6(08-19)

Modèle de prévision de la propagation

- 30 MHz -4 GHz
- 1 km – 3000 km
- $1\% < \% \text{ de temps} < 50\%$
- 50% des emplacements

Base de données de terrain peut être utilisée pour améliorer la précision des résultats

Peut être adaptée pour considérer une probabilité d'emplacements allant de 1 à 99%



Plus de détails dans la présentation suivante



myAdmin

"Mon propre bureau
@ ITU: ouvert ~24/7"

CR 408: Accès à MyAdmin et aux services de notification par courrier électronique, réservé aux **coordonnateurs UNIQUEMENT** (depuis novembre 2016)

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 LBY LTU LUX LVA
MAU MCO MDA MDG MKD MLA MLI MLT MNE MRC MTN NIG NOR NZL OMA
PAK PHL POL POR PSE QAT ROU RUS S SDN SEN SEY SNG SRB SSD SUI SVK SVN
SYR TGO TUN TUR TZA UAE UGA UKR UZB VTN ZMB ZWE

Si aucun coordonnateur n'est notifié au BR → utilisation des adresses mail officielles (Pas d'accès myAdmin dans ce cas ☹)

brbcd@itu.int



myAdmin

MailBox: Latest Special Sections

Coordonnateurs
UNIQUEMENT

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

Coordonnateurs
UNIQUEMENT

MailBox: Output correspondence

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



myAdmin: visualisation du courrier dans ma MailBox

Coordonnateurs
UNIQUEMENT

Plans and MIFR dashboard

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

MailBox GE06D **GE84** ST61 RJ81 GE7 GE84/F

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

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

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
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	BEZIERES 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 OVA D E I LIE SMR SUI	MCO	AND AUT OVA D E I LIE MCO SMR SUI

GE84/F

Export to Excel Export to PDF Google Earth **Generate TB3** Print Search:

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

myAdmin

Plans and MIFR dashboard

Coordonnateurs
UNIQUEMENT



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

- Adm (ITU)
- MailBox
- GE06D
- GE84**
- ST61
- RJ81
- GE75

Recorded Assignments	7647
Notices under treatment	11
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Notices under treatment which affect me I objected to	3
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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
118104692	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

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	AND AUT CVA D E I LIE MCO SMR SUI

myAdmin

Nouveau service de notification par E-mail Envoi de correspondance

Coordonnateurs
UNIQUEMENT

 Sun 11/27/2016 4:49 AM  Chaque Dimanche 4.00 a.m.

eBCD, ITU

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

To kari.hautala@ficora.fi; kari.kangas@ficora.fi; ari.lahtinen@ficora.fi; markus.mettala@ficora.fi; teemu.ovaska@ficora.fi

Dear Madam/Sir  Wed 11/23/2016 4:46 AM 

eBCD, ITU

Publication of your proposed plan modifications (G)

The Radiocommunication Bureau informs you that your proposed plan modifications have just been entered in the relevant Special Sections annex to BR IFIC 2833.

To dowlandt@ties.itu.int; freemanp@ties.itu.int; ngreen@ties.itu.int; hillsala@ties.itu.int; jamesmar@ties.itu.int; pollitt@ties.itu.int

Latest Coordination



assgn_id	pub_no	ad
116113557	119	FI
116113558	119	FI
116150059	122	FI

Dear Madam/Sir

The Radiocommunication Bureau informs you that your proposed plan modifications have just been entered in the relevant Special Sections annex to BR IFIC 2833.

Plan	Special Section	Pub Part	NoNotices
GE84	246	A	3

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

 Wed 11/23/2016 4:46 AM 

eBCD, ITU

Publication of plan modifications affecting your administration (RUS)

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

Dear Madam/Sir

The Radiocommunication 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

Plan	Special Section	NoNotices
GE84	246	73

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



Nouveau service de notification par E-mail
Envoi de correspondance

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

Coordonnateurs
UNIQUEMENT

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

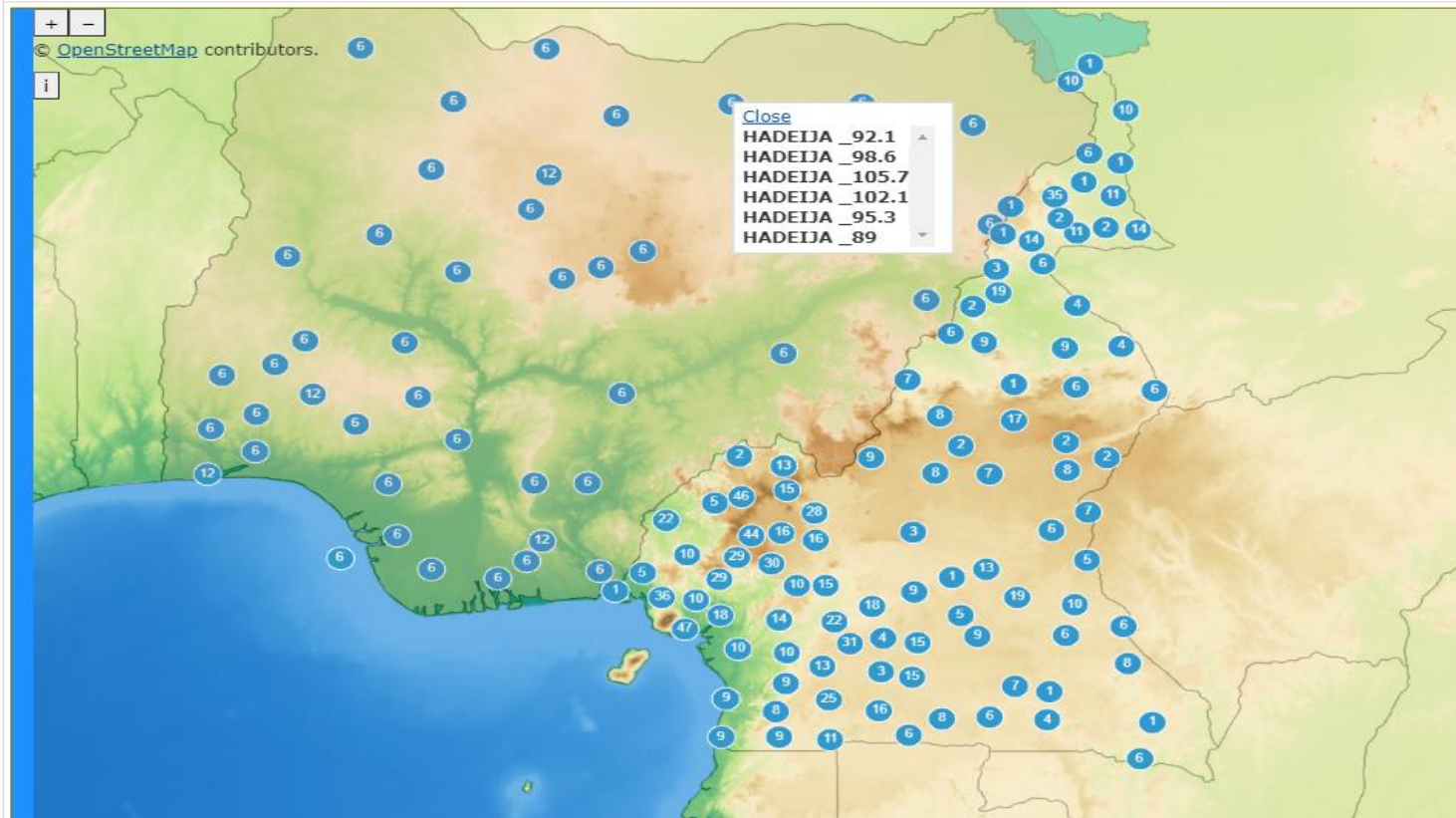
GE84Opt Maps: visualization des couches GE84

CME

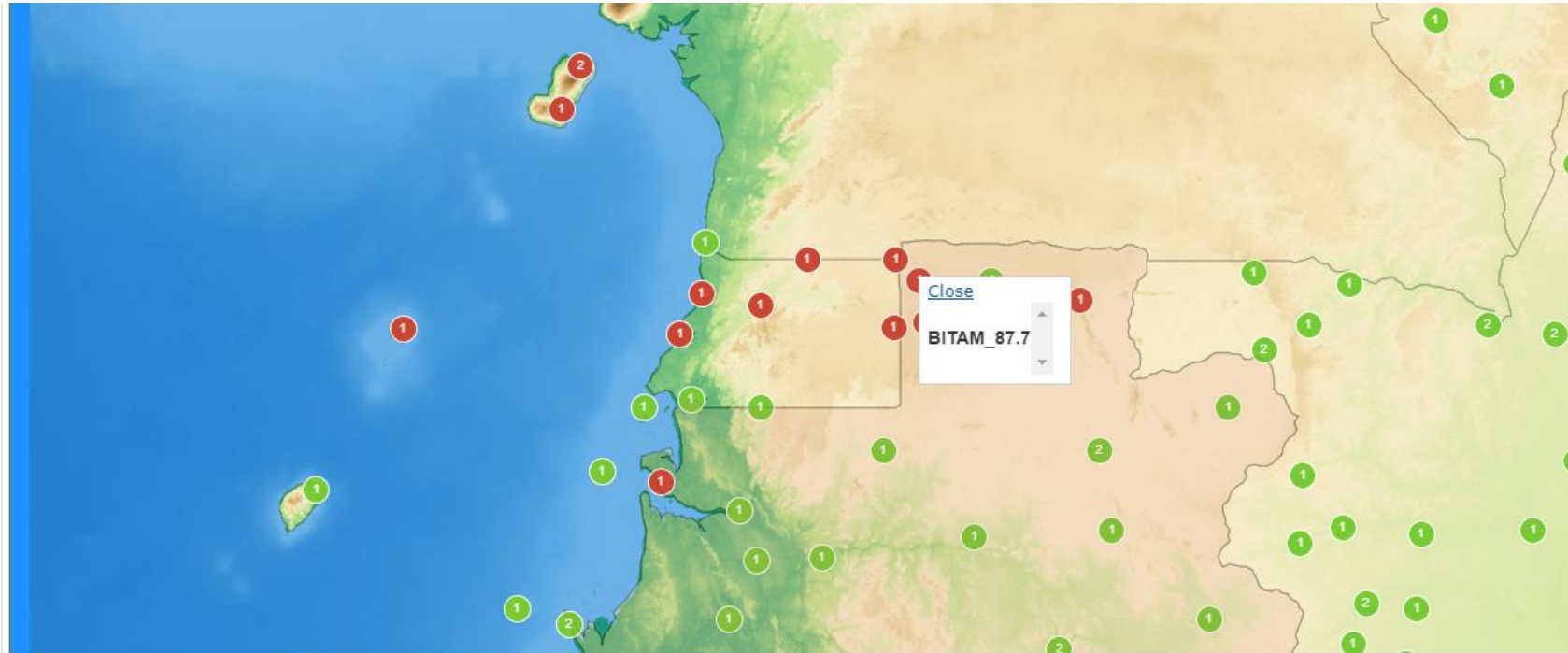
- Show Terrain Data
- Measure distances

Administration: NIG

Coordinates:
12° 41' 10" N 10° 46' 22" E



GE84Opt Maps: visualisation des canaux assignables/non assignables



Adm	Submitted	Assignable	Non Assignable
CAF	<u>42</u>	42	0
COD	<u>174</u>	<u>170</u>	<u>4</u>
COG	<u>99</u>	<u>99</u>	0
GAB	<u>45</u>	40	<u>5</u>
GNE	<u>11</u>	<u>2</u>	<u>9</u>
STP	<u>2</u>	<u>1</u>	<u>1</u>



Merci pour votre
attention

brbcd@itu.int