



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



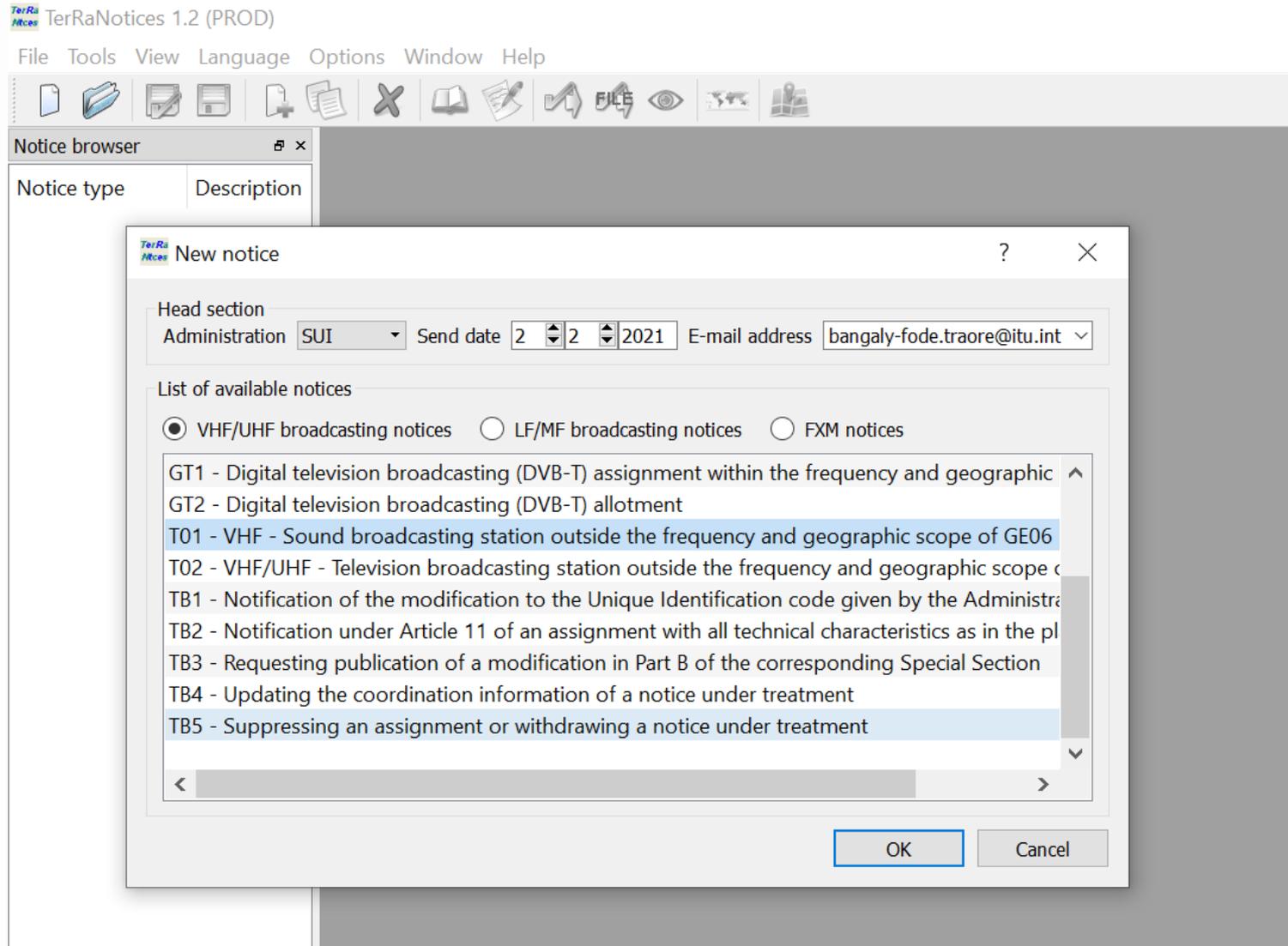
Outils de Préparation et de Validation des assignments

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UIT/BR/TSD

www.itu.int/go/GE84OptimizationPlanforAfrica

Création de notices électroniques GE84

1. TERRANOTICES



The screenshot displays the TerRaNotices 1.2 (PROD) application window. The main window has a menu bar (File, Tools, View, Language, Options, Window, Help) and a toolbar with various icons. A 'Notice browser' pane is visible in the background, showing a table with columns for 'Notice type' and 'Description'. In the foreground, a 'New notice' dialog box is open. The dialog box contains the following fields and options:

- Head section:**
 - Administration: SUI (dropdown)
 - Send date: 2/2/2021 (date picker)
 - E-mail address: bangaly-fode.traore@itu.int (dropdown)
- List of available notices:**
 - Radio buttons: VHF/UHF broadcasting notices, LF/MF broadcasting notices, FXM notices
 - Notice list (scrollable):
 - GT1 - Digital television broadcasting (DVB-T) assignment within the frequency and geographic
 - GT2 - Digital television broadcasting (DVB-T) allotment
 - T01 - VHF - Sound broadcasting station outside the frequency and geographic scope of GE06
 - T02 - VHF/UHF - Television broadcasting station outside the frequency and geographic scope c
 - TB1 - Notification of the modification to the Unique Identification code given by the Administra
 - TB2 - Notification under Article 11 of an assignment with all technical characteristics as in the pl
 - TB3 - Requesting publication of a modification in Part B of the corresponding Special Section
 - TB4 - Updating the coordination information of a notice under treatment
 - TB5 - Suppressing an assignment or withdrawing a notice under treatment
- Buttons:** OK, Cancel

Création de notices électroniques GE84

1. TERRANOTICES

- Créer le fichier de notices électroniques,

TerRaNotices 1.2 (PROD) - [<Untitled>* - T01*]

File Tools View Language Options Window Help

Notice browser: Notice type Description
 <Untitled>*
 Head se... SUI - 01/02/
T01|AD...

Date of notification: 1 2 2021
 ID1/ Unique identification code given by the Administration to the assignment:

Fragment: Article 11 Addition Modification
 Notification intended for: GE84 ST61

12A/ Operating agency: 2C/ Date of bringing into use:

12B/ Address code: 10B/ Regular hours of operation (UTC): From 00:00 To 24:00

Assignment characteristics: Antenna characteristics

Station information
 4A/ Antenna site name: 4B/ Geographic area: SUI
 4C/ Longitude: E N
 9EA/ Altitude of site above sea level: m
 3A1/ Call sign:
 3A2/ Station identification:

Emission characteristics
 1A/ Assigned frequency: MHz
 7AB/ Bandwidth: kHz
 7D/ Transmission system:
 9D/ Polarization: H
 8BH/ Horizontal e.r.p.: dBW
 8BV/ Vertical e.r.p.: dBW

Antenna characteristics
 9/ Antenna directivity: ND
 9EB/ Maximum Effective Antenna Height: m
 9E/ Height of Antenna Above Ground Level: m

Coordination successfully completed with the following administration selected administration:
 BEL Add > BEN
 BGD < Remove
 DLPD << Clear BFA

13C/ Notified remarks:

7 fields are invalid!

Antenna site name
 Geographical coordinates
 Assigned frequency

T01



1. TERRANOTICES

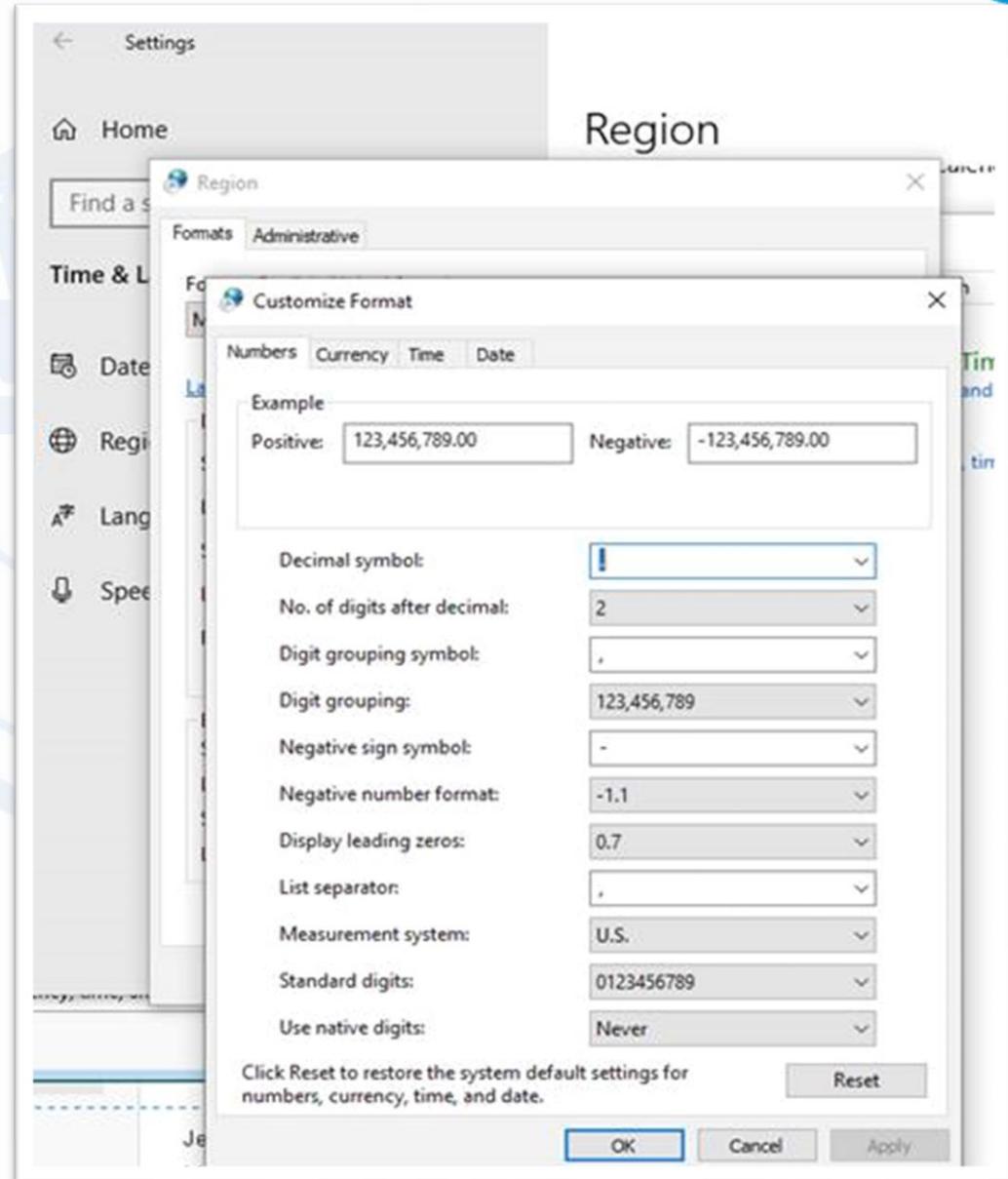
- Paramètres régionaux

Si *TerRaNotices* n'accepte pas la virgule décimale dans votre configuration, il faut aller dans le panneau de configuration de votre ordinateur et changer les options régionales pour remplacer la virgule par le point décimal comme suit :

Création de notices électroniques GE84

1. TERRANOTICES

- Paramètres régionaux



Création de notices électroniques GE84

1. TERRANOTICES

- Addition d'information de coordination :

Dans cette fiche, on peut enregistrer les administrations affectées qui ont donné leur accord à la proposition de modification en traitement en renseignant la case *Coordination successfully completed*.

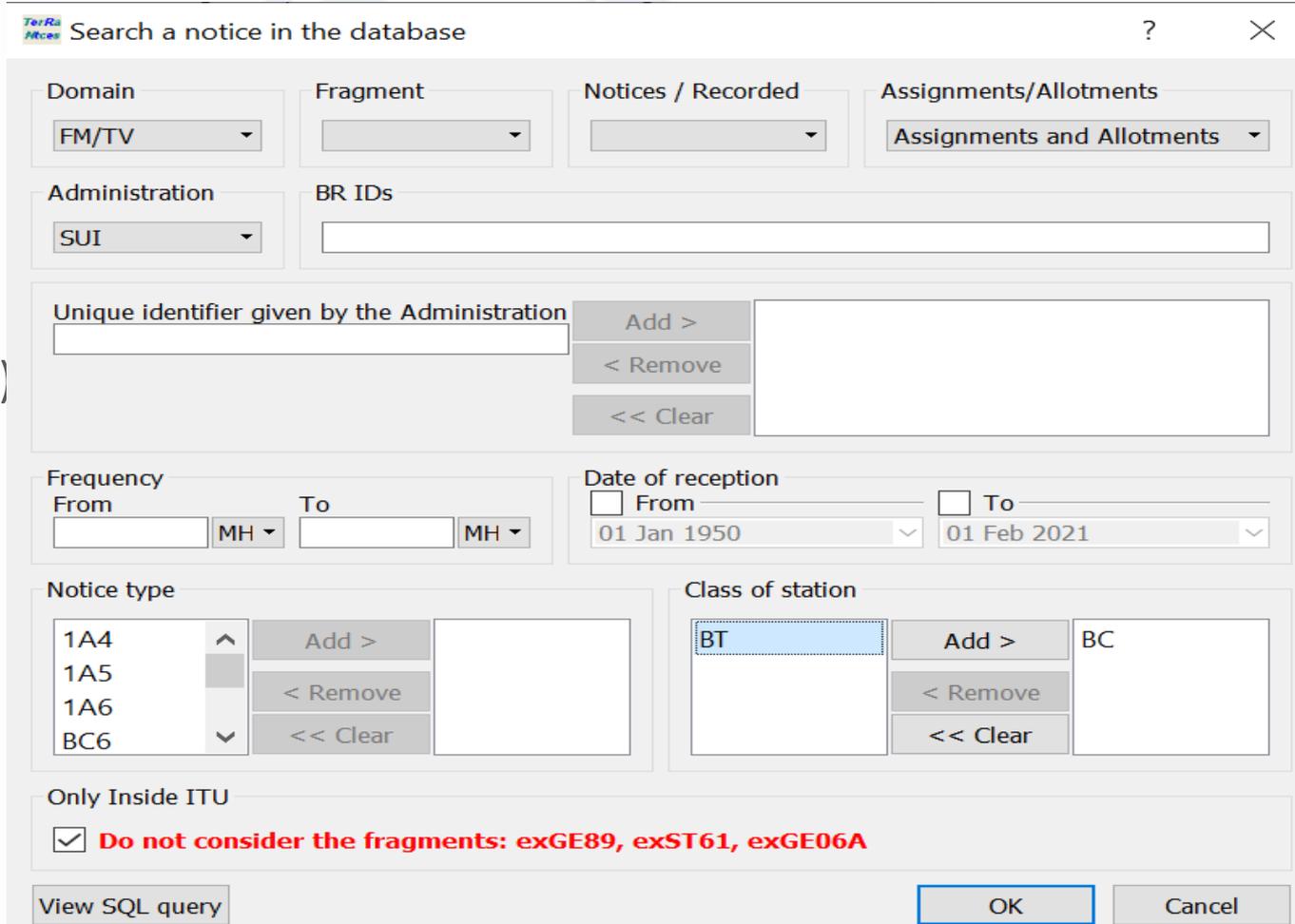
| | | | | | | | | | | | | | |
|--|---------------------------------------|-------|----------------------|----------|-----|---|----------|-----|-----|---|----------|--|-----------------------|
| Antenna characteristics | | | | | | | | | | | | | |
| 9/ Antenna directivity | 9EB/ Maximum Effective Antenna Height | | | | | | | | | | | | |
| ND | <input type="text"/> m | | | | | | | | | | | | |
| Coordination successfully completed with the following available administration/selected administration: | | | | | | | | | | | | | |
| <table border="1"><tr><td>BEL</td><td>▲</td><td rowspan="3">Add ></td><td>BEN</td></tr><tr><td>BGD</td><td>■</td><td>< Remove</td><td>BFA</td></tr><tr><td>BLD</td><td>▼</td><td><< Clear</td><td></td></tr></table> | BEL | ▲ | Add > | BEN | BGD | ■ | < Remove | BFA | BLD | ▼ | << Clear | | 13C/ Notified remarks |
| BEL | ▲ | Add > | | BEN | | | | | | | | | |
| BGD | ■ | | | < Remove | BFA | | | | | | | | |
| BLD | ▼ | | << Clear | | | | | | | | | | |
| | | | <input type="text"/> | | | | | | | | | | |

Création de notices électroniques GE84

1. TERRANOTICES

- Extraire la notice de la BR IFIC en apportant les modifications souhaitées

(pour ajouter des notices dans le même fichier, “glisser & coller”)



The screenshot shows the 'Terra Notices' search interface. At the top, there is a search bar with the text 'Search a notice in the database' and a close button. Below the search bar are several filter sections:

- Domain:** A dropdown menu with 'FM/TV' selected.
- Fragment:** An empty dropdown menu.
- Notices / Recorded:** An empty dropdown menu.
- Assignments/Allotments:** A dropdown menu with 'Assignments and Allotments' selected.
- Administration:** A dropdown menu with 'SUI' selected.
- BR IDs:** An empty text input field.
- Unique identifier given by the Administration:** A text input field with 'Add >', '< Remove', and '<< Clear' buttons to its right.
- Frequency:** Two input fields for 'From' and 'To' with 'MH' units.
- Date of reception:** Two input fields for 'From' and 'To' with date pickers.
- Notice type:** A list of notice types (1A4, 1A5, 1A6, BC6) with 'Add >', '< Remove', and '<< Clear' buttons.
- Class of station:** A list of station classes (BT, BC) with 'Add >', '< Remove', and '<< Clear' buttons.
- Only Inside ITU:** A checked checkbox.
- Do not consider the fragments:** A checked checkbox with the text 'exGE89, exST61, exGE06A' in red.
- View SQL query:** A button.
- OK** and **Cancel** buttons.

1. TERRANOTICES

- **Suppression/Retrait d'une assignation (TB5)**

Pour la suppression d'une assignation enregistrée dans le Plan ou le retrait d'une en cour de traitement on crée la notice électronique TB5

- Dans Tools de **TerRaNotices** on sélectionne *Genetate Suppression/Whithdrawal notices*

Création de notices électroniques GE84

1. TERRANOTICES

Generate Suppression/Withdrawal notices

Domain: FM/TV | Fragment: GE84 | Notices / Recorded: | Assignments/Allotments: Assignments only

Administration: SUI | BR IDs:

Unique identifier given by the Administration: | Add > | < Remove | << Clear

Frequency: From: | MH | To: | MH | Date of reception: From: 01 Jan 1950 | To: 01 Feb 2021

Notice type: 1A4 | 1A5 | 1A6 | BC6 | Add > | < Remove | << Clear

Class of station: BT | Add > | BC | < Remove | << Clear

Only Inside ITU: **Do not consider the fragments: exGE89, exST61, exGE06A**

View SQL query | OK | Cancel

Création de notices électroniques GE84

2. eTERRESTRIAL

Données d'entrée

Le fichier de notices électroniques peut être créé à l'aide des outils **eQry** ou **myAdmin** de **eBroadcasting** qui se trouvent sur la page (un fichier par tâche) :

<https://www.itu.int/ITU-R/eTerrestrial/eBroadcasting>

Création de notices électroniques GE84

2. eTERRESTRIAL

- eQry

- . Définir les critères de sélection (une seule administration)
- . Cliquer le bouton Apply Filter pour afficher la liste sommaire et sélectionner la notice à analyser.
- . Cliquer le bouton *Generate e-notices* (export en format SGML).

Création de notices électroniques GE84

2. eTERRESTRIAL

 eQuery: Queries on broadcasting plans

GE06D GE06L GE89 GE84 ST61 RJ81 GE75

Selection Criteria

Administration | Geographic Area | Notice Type

Administration

→ → → ← ← ←

- AFG
- AFS
- AGL
- ALB
- ALG
- AND
- ARM
- ARS
- AUT
- AZE
- RDT

Status

Recorded Published Unpublished

Frequency (MHz) To

Unique Id. code given by Administration Identifier assigned by the BR

Sitename



Création de notices électroniques GE84

2. eTERRESTRIAL

- **myAdmin**

- . Sélectionner l'administration et le fragment GE84
- . Cliquez sur le nombre de notices correspondant au groupe des notices d'intérêt

Création de notices électroniques GE84

2. eTERRESTRIAL



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



| | |
|---|----------------------|
| Recorded Assignments | 2078 |
| Notices under treatment | 110 |
| Notices under treatment receiving objection | 109 |
| Notices under treatment which affect me | 2754 |
| Notices under treatment which affect me I objected to | 212 |
| Comments given in the last period (30 days) | 5 |
| Comments received in the last period (30 days) | 1 |

Création de notices électroniques GE84

2. eTERRESTRIAL

Lorsque la liste sommaire apparaît, il est possible d'affiner les critères de sélection en cochant la case *Use Filter*.

- . Sélectionner la notice à modifier.
- . Cliquer le bouton *Generate e-notices* (export en format SGML).

Use filter

GE84/ALG

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 |
|---------------------------|-----|-----------|--------------------|--------|-----------------|--------------------|-----------------|-------------|---------------------------|
| 112062351 | ALG | GROUN | 93 | ADD | 297 | 20 May 2021 | E MRC TUN | | E MRC TUN |
| 111119177 | ALG | MAHOUNA | 104.7 | ADD | 289 | | CVA E F MCO MLT | TUN | CVA E F I LBY MCO MLT TUN |
| 118102682 | ALG | ALI NESS | 102.9 | ADD | 272 | | E | TUN | E I LBY TUN |
| 118102683 | ALG | ALI NESS | 106.5 | ADD | 272 | | E | TUN | E I LBY TUN |
| 118102684 | ALG | ALI NESS | 89.8 | ADD | 272 | | E | TUN | E I LBY TUN |
| 118102685 | ALG | ALI NESS | 92.9 | ADD | 272 | | E | TUN | E I LBY TUN |
| 118102686 | ALG | ALI NESS | 96.1 | ADD | 272 | | E | TUN | E I LBY TUN |
| 118102687 | ALG | ALI NESS | 99.4 | ADD | 272 | | E | TUN | E I LBY TUN |
| 118102688 | ALG | ANNABA | 102.3 | ADD | 272 | | E | TUN | E I TUN |
| 118102689 | ALG | ANNABA | 105.9 | ADD | 272 | | E | TUN | E I TUN |
| 118102690 | ALG | ANNABA | 89.2 | ADD | 272 | | E | TUN | E I TUN |
| 118102691 | ALG | ANNABA | 92.3 | ADD | 272 | | E | TUN | E I TUN |
| 118102692 | ALG | ANNABA | 95.5 | ADD | 272 | | E | TUN | E I TUN |
| 118102693 | ALG | ANNABA | 98.8 | ADD | 272 | | E | TUN | E I TUN |



Création de notices électroniques GE84

2. eTERRESTRIAL

Lorsque le fichier de notices est prêt, un message électronique est envoyé à la boîte aux lettres (TIES) de l'utilisateur et le fichier de notices généré est disponible pour téléchargement à partir eTools (option Génération de notices).



Validation de notices électroniques GE84

3. Outil de Validation en ligne

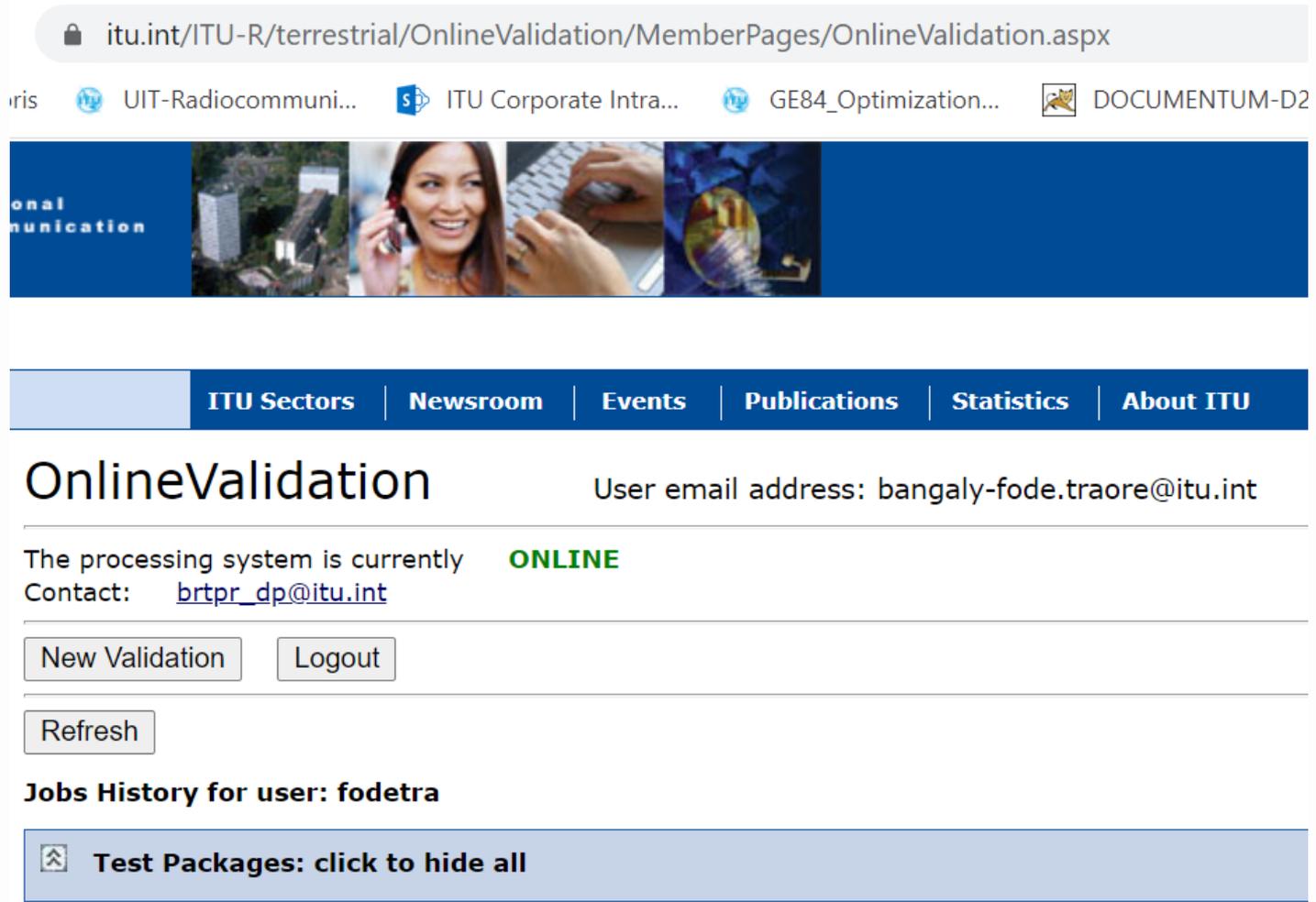
Valider le fichier de notices électroniques avec Validation en-ligne sur:

<https://www.itu.int/ITU-R/terrestrial/OnlineValidation/MemberPages/OnlineValidation.aspx>

Validation de notices électroniques GE84

3. Outil de Validation en ligne

- Cliquer sur *New validation*

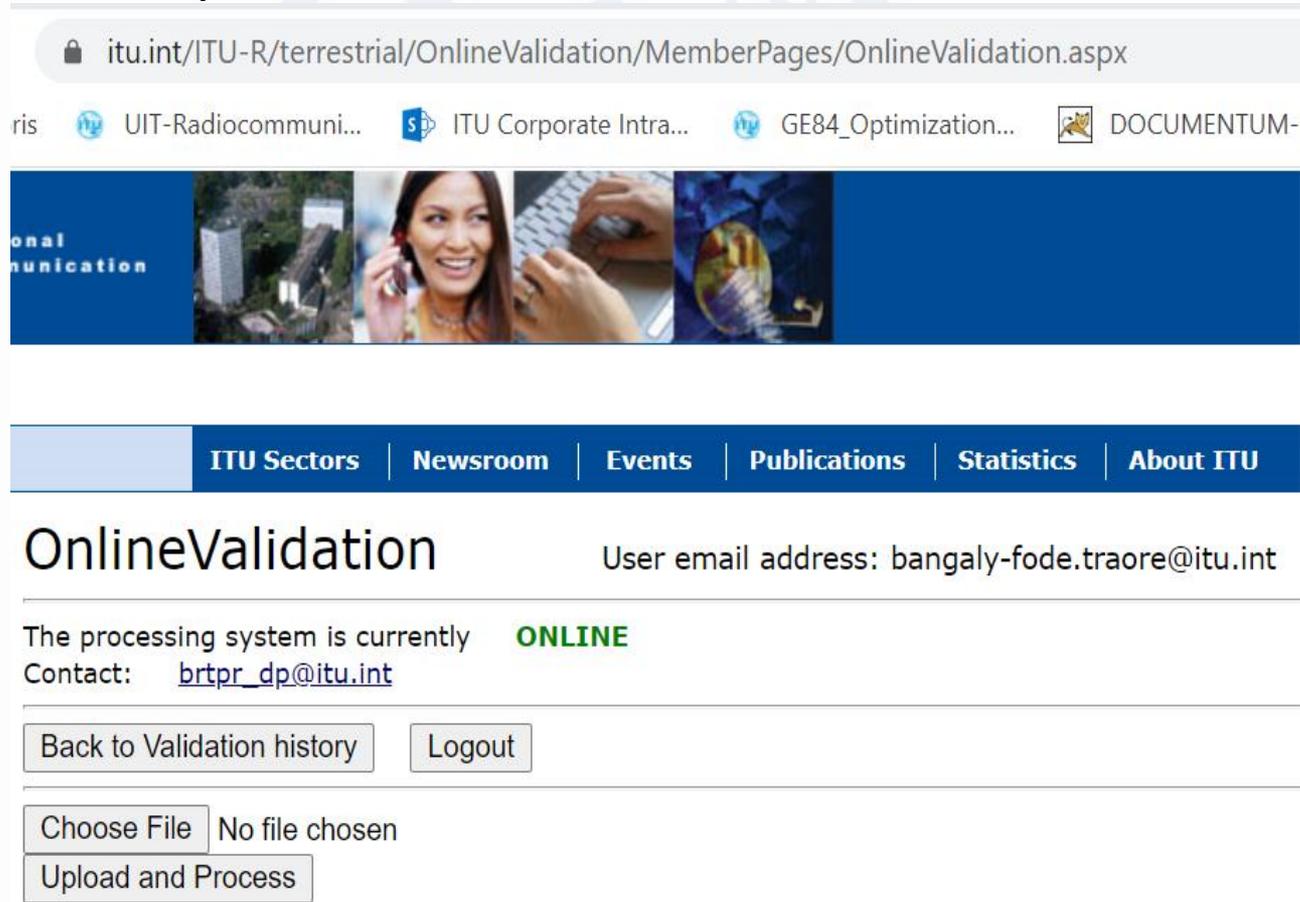


The screenshot shows the ITU OnlineValidation web application. The browser address bar displays the URL: itu.int/ITU-R/terrestrial/OnlineValidation/MemberPages/OnlineValidation.aspx. The page features a navigation menu with links for ITU Sectors, Newsroom, Events, Publications, Statistics, and About ITU. The main content area displays the title "OnlineValidation" and the user email address: "User email address: bangaly-fode.traore@itu.int". A status message indicates "The processing system is currently **ONLINE**" with contact information: "Contact: brtpr_dp@itu.int". Below this, there are buttons for "New Validation" and "Logout". A "Refresh" button is also present. At the bottom, a section titled "Jobs History for user: fodetra" contains a button labeled "Test Packages: click to hide all".

Validation de notices électroniques GE84

3. Outil de Validation en ligne

- Cliquer sur *Choose File* pour sélectionner le fichier à valider
- Cliquer sur “Upload and Process”



The screenshot shows the ITU OnlineValidation web interface. The browser address bar displays the URL: `itu.int/ITU-R/terrestrial/OnlineValidation/MemberPages/OnlineValidation.aspx`. The page header includes navigation links for ITU Sectors, Newsroom, Events, Publications, Statistics, and About ITU. The main content area shows the system status as **ONLINE** and provides contact information: `brtpr_dp@itu.int`. Below this, there are two buttons: "Back to Validation history" and "Logout". At the bottom, there is a "Choose File" button with the text "No file chosen" next to it, and an "Upload and Process" button.



3. Outil de Validation en ligne

- La tâche est maintenant envoyée à la validation. Vous pouvez cliquer encore sur *New Validation* pour soumettre un autre fichier ou cliquer sur *Back to Validation history* pour voir le résultat de la validation.

Validation de notices électroniques GE84

3. Outil de Validation en ligne

itu.int/ITU-R/terrestrial/OnlineValidation/MemberPages/OnlineValidation.aspx

UIT-Radiocommuni... ITU Corporate Intra... GE84_Optimization... DOCUMENTUM-D2 CRM-Administratio... eTerrestrial_INT

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munication

ITU Sectors | Newsroom | Events | Publications | Statistics | About ITU

OnlineValidation

User email address: bangaly-fode.traore@itu.int

The processing system is currently **ONLINE**
 Contact: brtpr_dp@itu.int

[Back to Validation history](#) [Logout](#)

[New Validation](#)

The following package has been uplodaded. You will receive an E-mail notification at bangaly-fode.traore@itu.int when the VALIDATION completes

Job summary [Cancel job](#)

| job id | job name | job status |
|--------|------------------------|------------|
| 89714 | bhr_isa town_104.5 mhz | Pending |

Job Input

| Adm | E-notice file | Number of Notices |
|-----|--|-------------------|
| BHR | BHR_ISA TOWN_104.5 MHz.txt | 1 |

3. Outil de Validation en ligne

- Vous pouvez cliquer sur *Back to Validation history* pour voir la progression du traitement. Une fois la validation terminée, cliquer sur Job ID (View Results), vous recevrez aussi un mél dans votre compte TIES vous notifiant la disponibilité du résultat.

Validation de notices électroniques GE84

3. Outil de Validation en ligne

itu.int/ITU-R/terrestrial/OnlineValidation/MemberPages/OnlineValidation.aspx

UIT-Radiocommuni... ITU Corporate Intra... GE84_Optimization... DOCUMENTUM-D2 CRM-Administratio... eTerrestrial_INT eBroadcasting

onal
unication

ITU Sectors | Newsroom | Events | Publications | Statistics | About ITU

OnlineValidation

User email address: bangaly-fode.traore@itu.int

The processing system is currently **ONLINE**
 Contact: brtpr_dp@itu.int

New Validation Logout

Refresh

Jobs History for user: fodetra

Test Packages: click to hide all

| Job Id | Filename | Job Status | Date of Request | Date of Completion | Elapsed Time (minutes) |
|--------------------------------------|------------------------|------------|---------------------|---------------------|------------------------|
| 89714 (View Results) | bhr_isa town_104.5 mhz | Completed | 01/02/2021 15:40:20 | 01/02/2021 15:40:49 | 0 |

Validation de notices électroniques GE84



3. Outil de Validation en ligne

- La notice ainsi créée et validée peut maintenant être soumise aux outils *eTools* dans *eBroadcasting* pour analyses d'optimisation et/ou de compatibilité pour GE84.



Merci pour votre attention

brbcd@itu.int