

TerRaNotices

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Overview

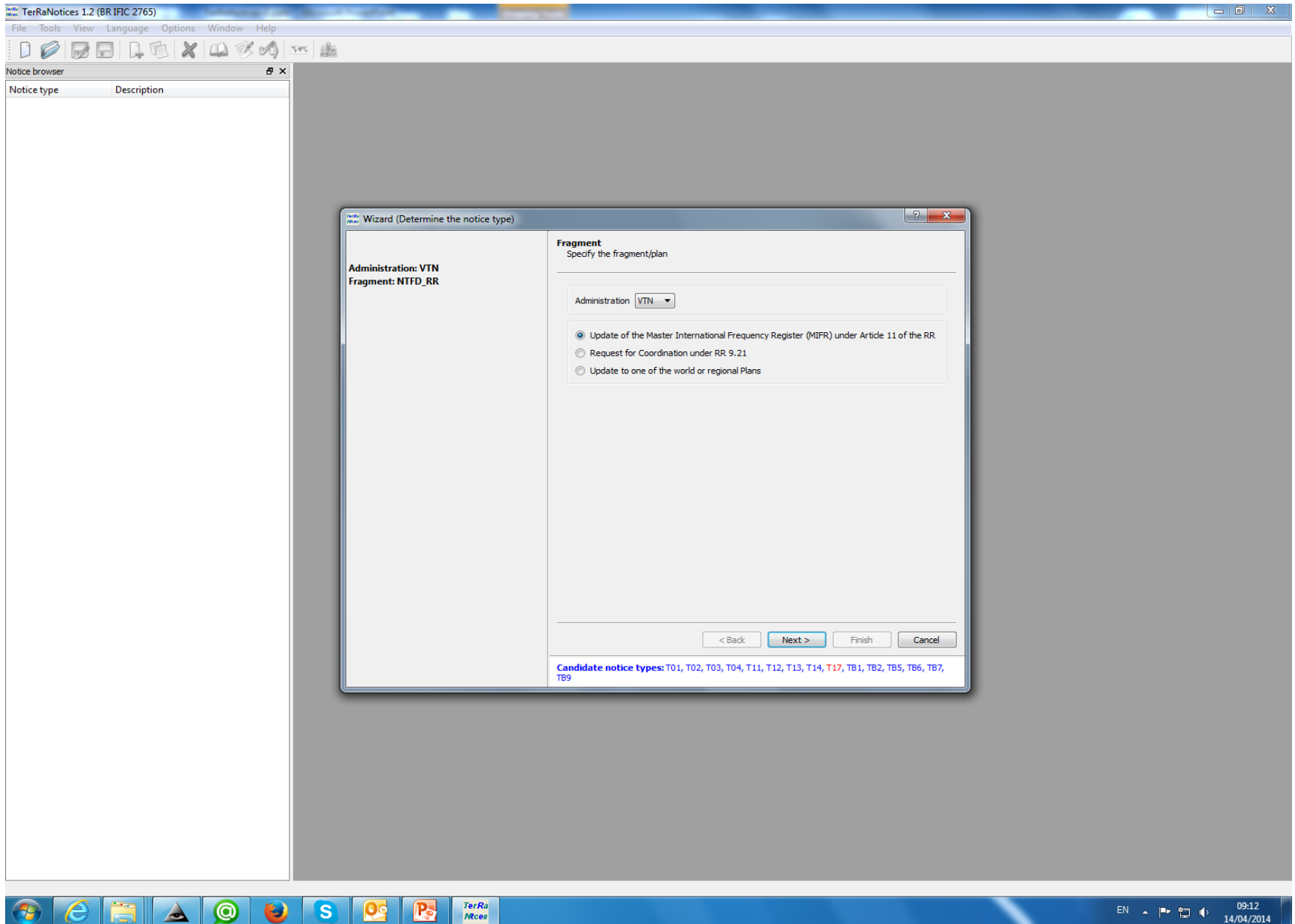
- Creation of electronic notices
- Extraction of existing notices from BR IFIC
- Validation of electronic notice files

Main new features :

- Ability to read data from SQLite format
- Ability to be executed without being installed

Creation of new electronic notices

File → Wizard





Notice browser

Notice type	Description
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Wizard (Determine the notice type)

Administration: VTN
Fragment: NTFD_RR
Action: ADD
Sub action: ASSIGNMENT

Action
Specify the action

Action

- ADD
- MODIFY
- SUPPRESS
- ADMINID
- CONFORM
- WITHDRAW

Sub action

- ASSIGNMENT

< Back Next > Finish Cancel

Candidate notice types: T01, T02, T03, T04, T11, T12, T13, T14, T17



Notice browser

Notice type	Description
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Wizard (Determine the notice type)

Administration: VTN
Fragment: NTFD_RR
Action: ADD
Sub action: ASSIGNMENT
Class of station: BC
Frequency: 99.5 MHz

Notice's parameters
Specify notice's parameters

Notice's parameters

Class of station: BC

Frequency: 99.5 MHz

< Back Next > Finish Cancel

Notice type: T01

Fill the boxes with site data: geographic coordinates and specifications

TerRaNotices 1.2 (BR IFIC 2765) - [Untitled* - T01*]

File Tools View Language Options Window Help

Notice browser

Notice type Description

- <Untitled>*
- Head section VTN - 14/04/2014
- T01|ADD***

Date of notification 14 4 2014 ID1/ Assignment's unique identifier **T01**

Fragment Article 11 Notification intended for Addition

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

12B/ Address code 10B/ Regular hours of operation (UTC)

Assignment characteristics Antenna characteristics

Station information

4A/ Antenna site name 4C/ Longitude 9EA/ Altitude of site above sea level 3A1/ Call sign

4B/ Geographic area VTN Latitude 3A2/ Station identification

Emission characteristics

1A/ Assigned frequency 99.5 MHz 7AB/ Necessary bandwidth kHz 9D/ Polarization H 8BH/ Horizontal e.r.p. dBW 8BV/ Vertical e.r.p. dBW 7D/ Transmission system

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 administrations

Available administrations: AFG, AFS, AGL, ALB, ALG

Selected administrations

13C/ Notified remarks

7 fields are invalid !

- Date of bringing into use
- Address code
- Antenna site name
- Geographical coordinates
- Necessary bandwidth
- Horizontal e.r.p.
- Maximum Effective Antenna Height

EN 09:17 14/04/2014

A notice can also be opened from the database

File → Open the notice from the DB

Search a notice in the database

Domain: FM/TV Fragment: Article 11 Notices / Recorded: Recorded Assignments/Allotments: Assignments and Allotments

Administration: VTN BR IDs: []

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

Frequency: From 87.5 MHz To 108 MHz Date of reception: From 01 Jan 1950 To 14 Apr 2014

Notice type: 1A4, 1A5, 1A6, BC6, DS1, DS2, DT1 Add > < Remove << Clear

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

View SQL query OK Cancel

Check assignments to display

The screenshot shows the TerRaNotices 1.2 (BR IFIC 2765) application window. The main window has a menu bar (File, Tools, View, Language, Options, Window, Help) and a toolbar. A smaller dialog window titled 'TerRaNotices' is open, displaying a table of station data. The table has columns for BR ID, Administration, Fragment, Station's unique ID, Assigned frequency, Class of station, Notice type, Coordinates, and Site name. The row with BR ID 113282978 is selected. The dialog also includes a 'Check all' checkbox (checked), a counter '1 / 1047', and 'OK' and 'Refine search' buttons.

BR ID	Administration	Fragment	Station's unique ID	Assigned frequency	Class of station	Notice type	Coordinates	Site name
<input type="checkbox"/> 080213943	VTN	NTFD_RR		99.5	BC	1A4 / RECORDED	107°40'00"E - 1...	HUE
<input checked="" type="checkbox"/> 113282978	VTN	NTFD_RR		91.7	BC	T01 / RECORDED	108°18'59"E - 1...	GIA LA917
<input type="checkbox"/> 113262877	VTN	NTFD_RR		90.5	BC	T01 / RECORDED	104°41'00"E - 2...	AN GIANG905
<input type="checkbox"/> 113262876	VTN	NTFD_RR		102.4	BC	T01 / RECORDED	105°14'07"E - 2...	THANH HOA10...
<input type="checkbox"/> 113262875	VTN	NTFD_RR		107.1	BC	T01 / RECORDED	103°43'08"E - 2...	SON LA1071
<input type="checkbox"/> 113262874	VTN	NTFD_RR		98.4	BC	T01 / RECORDED	105°56'04"E - 1...	THANH HOA984
<input type="checkbox"/> 113262873	VTN	NTFD_RR		105	BC	T01 / RECORDED	107°59'07"E - 1...	QUANG NAM105
<input type="checkbox"/> 113262871	VTN	NTFD_RR		92.1	BC	T01 / RECORDED	105°07'46"E - 1...	AN GIANG921
<input type="checkbox"/> 113262870	VTN	NTFD_RR		98.7	BC	T01 / RECORDED	106°00'43"E - 1...	VINH LONG987
<input type="checkbox"/> 113262869	VTN	NTFD_RR		92.7	BC	T01 / RECORDED	105°37'45"E - 2...	HOA BINH927
<input type="checkbox"/> 113262868	VTN	NTFD_RR		93.2	BC	T01 / RECORDED	104°55'37"E - 1...	NGHE AN932
<input type="checkbox"/> 113262867	VTN	NTFD_RR		95.7	BC	T01 / RECORDED	103°57'34"E - 1...	KIEN GIANG957
<input type="checkbox"/> 113262865	VTN	NTFD_RR		97.8	BC	T01 / RECORDED	104°33'06"E - 1...	NGHE AN978
<input type="checkbox"/> 113262864	VTN	NTFD_RR		94	BC	T01 / RECORDED	102°56'00"E - 2...	DIEN BIEN94
<input type="checkbox"/> 113262862	VTN	NTFD_RR		103.3	BC	T01 / RECORDED	109°11'49"E - 1...	KHANH HOA10...
<input type="checkbox"/> 113262861	VTN	NTFD_RR		99	BC	T01 / RECORDED	103°55'06"E - 2...	SON LA99

Check assignments to display

TerRaNotices 1.2 (BR IFIC 2765) - [Untitled]* - T01*

File Tools View Language Options Window Help

Date of notification: [] ID1/ Assignment's unique identifier: [] **T01**

Fragment: Article 11 GEB4 ST61
Notification intended for: Addition Modification ...

12A/ Operating agency: 001 2C/ Date of bringing into use: 25 5 2012
12B/ Address code: A 10B/ Regular hours of operation (UTC): From 00:00 To 24:00

Assignment characteristics: Antenna characteristics

Station information

4A/ Antenna site name: GIA LA1917 4C/ Longitude: 108° 18' 59" E
4B/ Geographic area: VTN Latitude: 13° 31' 45" N
9EA/ Altitude of site above sea level: 184 m 3A1/ Call sign: []
3A2/ Station identification: []

Emission characteristics

1A/ Assigned frequency: 91.7 MHz 7AB/ Necessary bandwidth: 180 kHz 9D/ Polarization: V
8BH/ Horizontal e.r.p.: [] dBW 8BV/ Vertical e.r.p.: 32.6 dBW 7D/ Transmission system: []

Antenna characteristics

9/ Antenna directivity: ND 9EB/ Maximum Effective Antenna Height: 60 m
9E/ Height of Antenna Above Ground Level: 42 m

Coordination successfully completed with the following administrations

Available administrations: AFG, AFS, AGL, ALB, ALG
Selected administrations: []
Add > < Remove << Clear

13C/ Notified remarks: []

EN 09:27 14/04/2014

Calculate Effective antenna heights (eff_hgt) using the SRMT3 Terrain Database

The screenshot shows the TerRaNotices 1.2 software interface. A dialog box titled "<Untitled> - T01" is open, displaying the SRMT3 calculation results. The input parameters are:

- Longitude: 18° 59' E
- Latitude: 13° 31' 45" N
- Height of Antenna Above Ground Level: 42 m

The output URL is: http://www.itu.int/online/SRMT3/eff_hgt.srmt3.ON=1081859&AT=133145&HGT=42&ADM=VTN&SIT=GIA_LAI917&EAH=EFFHGT&ok=Submit

The main window shows the following information:

- Station information:** 4A/ Antenna site name: GIA LAI917; 4B/ Geographic area: VTN
- Emission characteristics:** 1A/ Assigned frequency: 91.7 MHz; 7AB/ Necessary bandwidth: 180
- Antenna characteristics:** 9J/ Antenna directivity: ND
- Coordination:** 13C/ Coordination successfully completed with the following administrations: AFG, AFS, AGL, ALB, ALG

The dialog box also displays a table of effective antenna heights for various azimuths:

Altitude of site above sea level	Maximum Effective Antenna Height
184 m	60 m

Table of Effective Height:

Height (m)	Effective Height (m)
0°	17
10°	22
20°	21
30°	26
40°	31
50°	36
60°	36
70°	28
80°	33
90°	40
100°	49
110°	57
120°	60
130°	59
140°	50
150°	36
160°	-22
170°	-51
180°	-116
190°	-86
200°	-73

Validate the notice or the file notices

The screenshot displays the TerRaNotices 1.2 (BR IFIC 2765) application window. The title bar indicates the current file is '[Untitled>* - T01]'. The 'File' menu is open, with 'Validate notice' selected. The main interface contains several form fields for data entry:

- 12A/ Operating agency:** 001
- 2C/ Date of bringing into use:** 25 / 5 / 2012
- 12B/ Address code:** A
- 10B/ Regular hours of operation (UTC):** From 00:00 To 24:00
- 4C/ Longitude:** 108° 18' 59" E
- Latitude:** 13° 31' 45" N
- 9EA/ Altitude of site above sea level:** 184 m
- 3A1/ Call sign:** (empty)
- 3A2/ Station identification:** (empty)
- 7AB/ Necessary bandwidth:** 180 kHz
- 9D/ Polarization:** V
- 8BH/ Horizontal e.r.p.:** (empty) dBW
- 8BV/ Vertical e.r.p.:** 32.6 dBW
- 7D/ Transmission system:** (empty)
- 9/ Antenna directivity:** ND
- 9EB/ Maximum Effective Antenna Height:** 60 m
- 9E/ Height of Antenna Above Ground Level:** 42 m

At the bottom, a status bar shows 'Coordination successfully completed with the following administrations' and a list of available administrations (AFG, AFS, AGL, ALB, ALG). The system tray at the bottom right displays the date and time: 14/04/2014, 09:46.

Validate the notice or the file notices

TerRaNotices 1.2 (BR IFIC 2765) - [Untitled>* - T01]

File Tools View Language Options Window Help

Date of notification: ID 1/ Assignment's unique identifier

Fragment: Article 11 GE84 ST61

Notification intended for: Addition Modification

12A/ Operating agency: 001

2C/ Date of bringing into use: 25 / 5 / 2012

12B/ Address code: A

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

Assignment characteristics: **Antenna characteristics**

Station information

4A/ Antenna site name: GIA LA1917

4B/ Geographic area: VTN

4C/ Longitude: 108° 18' 59" E

Latitude: 13° 31' 45" N

9EA/ Altitude of site above sea level: 184 m

3A1/ Call sign:

3A2/ Station identification:

Emission characteristics

1A/ Assigned frequency: 91.7 MHz

7AB/ Necessary bandwidth: 180 kHz

9D/ Polarization: V

8BH/ Horizontal e.r.p.: dBW

8BV/ Vertical e.r.p.: 32.6 dBW

7D/ Transmission system:

Antenna characteristics

9/ Antenna directivity: ND

9EB/ Maximum Effective Antenna Height: 60 m

9E/ Height of Antenna Above Ground Level: 42 m

Coordination successfully completed with the following administrations

Available administrations: AFG, AFS, AGL, ALB, ALG

Selected administrations:

13C/ Notified remarks:

T01

TerRaNotices

No errors/warnings in the notice

OK

EN 09:48 14/04/2014

Thank you for your attention!

Questions?

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