

TerRaNotices

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Overview

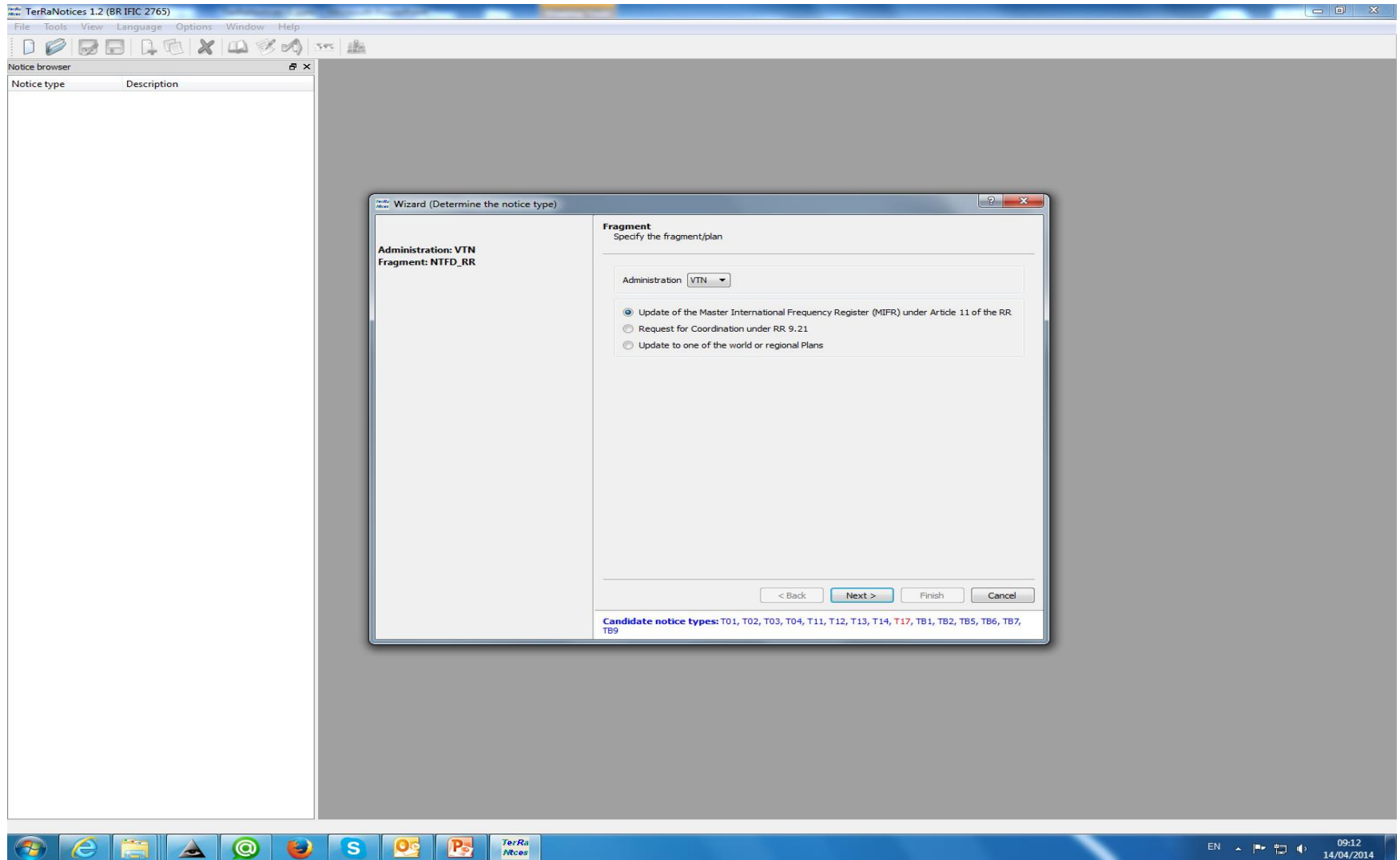
- Creation of electronic notices
- Extraction of existing notices from BR IFIC
- Validation of electronic notice files

Main new features :

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

Creation of new electronic notices

File → Wizard



Select required action

The screenshot shows the TerRaNotices 1.2 (BR IFIC 2765) application window. The main interface includes a menu bar (File, Tools, View, Language, Options, Window, Help) and a toolbar. A 'Notice browser' pane on the left is currently empty. A 'Wizard (Determine the notice type)' dialog is open in the foreground, displaying the following information:

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

Action
Specify the action

Action

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

Sub action

- ASSIGNMENT

Navigation buttons: < Back, Next >, Finish, Cancel

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

Specify class of station and frequency

The screenshot shows the TerRaNotices 1.2 (BR IFIC 2765) application window. A 'Notice browser' pane on the left is empty. A 'Wizard (Determine the notice type)' dialog box is open, displaying the following information:

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

The 'Notice's parameters' section includes a dropdown menu for 'Class of station' (set to BC) and a text input for 'Frequency' (99.5) with a unit dropdown (MHz). Navigation buttons at the bottom are '< Back', 'Next >', 'Finish', and 'Cancel'. The status bar at the bottom of the wizard shows 'Notice type: T01'.

The Windows taskbar at the bottom shows the system tray with the date 14/04/2014 and time 09:16.

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

T01

<p>Notice browser</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Notice type</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td><Untitled>*</td> <td></td> </tr> <tr> <td>Head section</td> <td>VTN - 14/04/2014</td> </tr> <tr> <td>T01 ADD*</td> <td></td> </tr> </tbody> </table>	Notice type	Description	<Untitled>*		Head section	VTN - 14/04/2014	T01 ADD*		<p>Date of notification: 14 / 4 / 2014</p> <p>ID1/ Assignment's unique identifier: _____</p> <p>Fragment: <input checked="" type="radio"/> Article 11</p> <p>Notification intended for: <input checked="" type="radio"/> Addition</p> <p>12A/ Operating agency: _____</p> <p>12B/ Address code: _____</p> <p>2C/ Date of bringing into use: _____</p> <p>10B/ Regular hours of operation (UTC): From 00:00 To 24:00</p> <p>Assignment characteristics: Antenna characteristics</p> <hr/> <p>Station information</p> <p>4A/ Antenna site name: _____</p> <p>4B/ Geographic area: VTN</p> <p>4C/ Longitude: _____ W</p> <p>Latitude: _____ S</p> <p>9EA/ Altitude of site above sea level: _____ m</p> <p>3A1/ Call sign: _____</p> <p>3A2/ Station identification: _____</p> <hr/> <p>Emission characteristics</p> <p>1A/ Assigned frequency: 99.5 MHz</p> <p>7AB/ Necessary bandwidth: _____ kHz</p> <p>9D/ Polarization: H</p> <p>8BH/ Horizontal e.r.p.: _____ dBW</p> <p>8BV/ Vertical e.r.p.: _____ dBW</p> <p>7D/ Transmission system: _____</p> <hr/> <p>Antenna characteristics</p> <p>9/ Antenna directivity: ND</p> <p>9EB/ Maximum Effective Antenna Height: _____ m</p> <p>9E/ Height of Antenna Above Ground Level: _____ m</p> <hr/> <p>Coordination successfully completed with the following administrations</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Available administrations</th> <th>Selected administrations</th> </tr> </thead> <tbody> <tr> <td>AFG</td> <td></td> </tr> <tr> <td>AFS</td> <td></td> </tr> <tr> <td>AGL</td> <td></td> </tr> <tr> <td>ALB</td> <td></td> </tr> <tr> <td>ALG</td> <td></td> </tr> </tbody> </table> <p>13C/ Notified remarks: _____</p>	Available administrations	Selected administrations	AFG		AFS		AGL		ALB		ALG	
Notice type	Description																				
<Untitled>*																					
Head section	VTN - 14/04/2014																				
T01 ADD*																					
Available administrations	Selected administrations																				
AFG																					
AFS																					
AGL																					
ALB																					
ALG																					

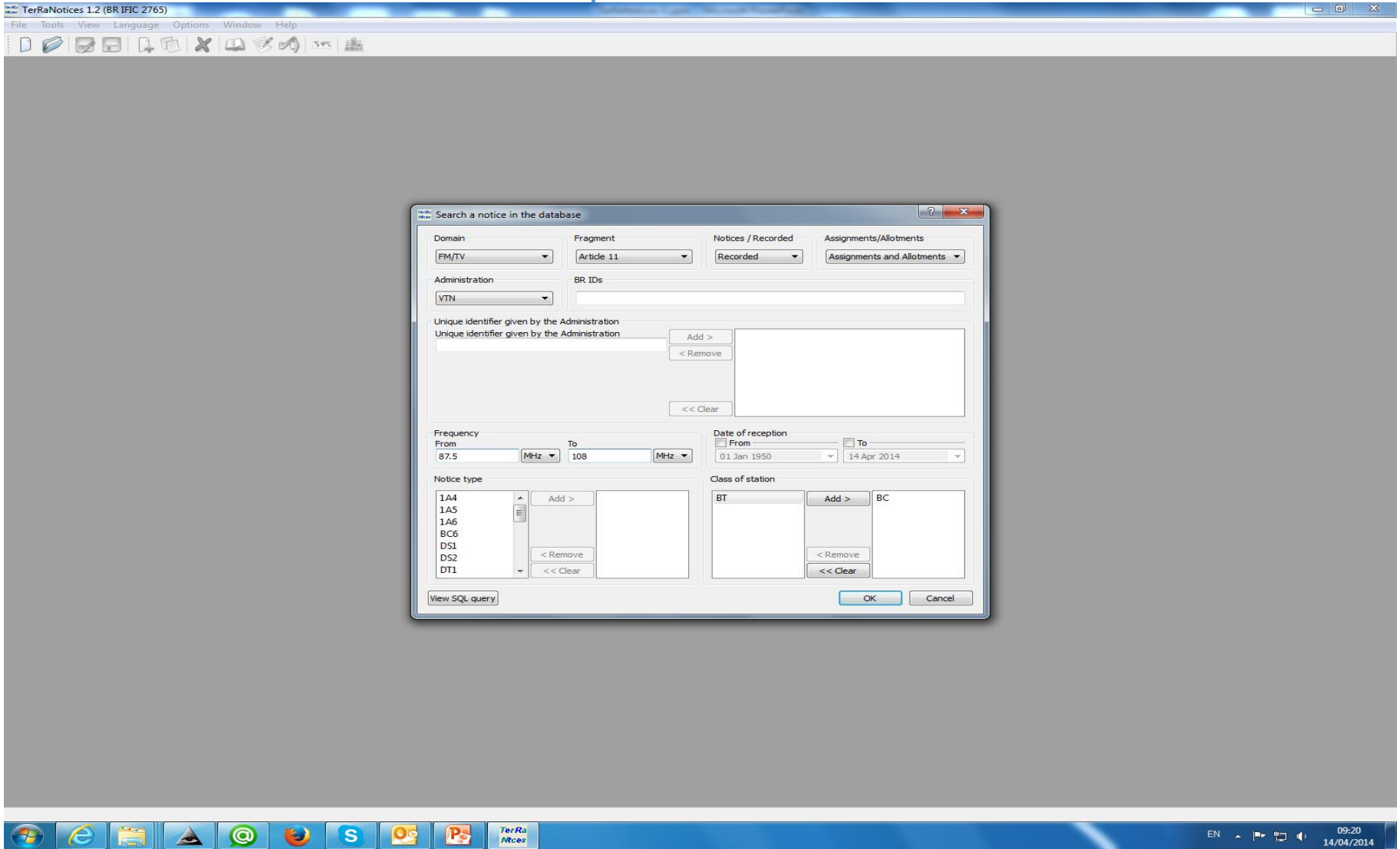
7 fields are invalid !

- 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



Check assignments to display

TerRaNotices 1.2 (BR IFIC 2765)

File Tools View Language Options Window Help

Check all 1 / 1047

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

OK Refine search

09:26 14/04/2014

View selected assignment

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: []

EN 09:27 14/04/2014

T01

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

The screenshot shows the TerRaNotices 1.2 software interface. A pop-up window titled "<Untitled> * - T01*" is open, displaying the SRMT3 calculation results. The main window has a "SRMT3" label with an arrow pointing to the "ID/ Assignment's unique identifier" field. The pop-up window contains the following information:

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

Output
<http://www.itu.int/online/SRMT3/eff.hgt.srmt3?ON=1081859&AT=133145&HGT=42&ADM=VTN&SIT=GIA LA1917&EAH=EFFHGT&ok=Submit>

BRTSD eff_hgt de/from SRMT3
Date: Mon Apr 14 09:28:43 CEST 2014
Adm: VTN Site: GIA LA1917
t_long=+1081859
t_lat=+133145
t_hgt_agl = 42
t_site_alt = 184
t_eff_hgtmax = 60
<ANT_HGT>
t_eff_hgt@azm000 = 17
t_eff_hgt@azm010 = 22
t_eff_hgt@azm020 = 21
t_eff_hgt@azm030 = 26
t_eff_hgt@azm040 = 31
t_eff_hgt@azm050 = 36
t_eff_hgt@azm060 = 36
t_eff_hgt@azm070 = 28
t_eff_hgt@azm080 = 33
t_eff_hgt@azm090 = 40
t_eff_hgt@azm100 = 49
t_eff_hgt@azm110 = 57
t_eff_hgt@azm120 = 60
t_eff_hgt@azm130 = 59
t_eff_hgt@azm140 = 50
t_eff_hgt@azm150 = 36
t_eff_hgt@azm160 = -22
t_eff_hgt@azm170 = -51
t_eff_hgt@azm180 = -116
t_eff_hgt@azm190 = -86
t_eff_hgt@azm200 = -73
t_eff_hgt@azm210 = -68

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

Table of Effective Height

Height (m)	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
210°	-68

Validate the notice or the notice file

The screenshot displays the TerRaNotices 1.2 application window. The title bar reads "TerRaNotices 1.2 (BR IFIC 2765) - [<Untitled>* - T01]". The menu bar includes File, Tools, View, Language, Options, Window, and Help. The File menu is open, showing options such as "New file", "Open file", "Recent files", "Close", "Close all", "Wizard", "Open a notice from the DB", "Open a notice from the DB (Last query)", "Duplicate file", "Duplicate notice", "Insert new notice", "Remove notice", "Edit", "Validate notice" (highlighted), "Validate and save file", "Validate and save file as...", "Save without validation", "Save without validation as...", "View generated notice", "Reload file", "View file", "Open containing folder", and "Quit".

The main interface contains several data entry fields:

- 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 field]
- 3A2/ Station identification:** [Empty field]
- 7AB/ Necessary bandwidth:** 180 kHz
- 9D/ Polarization:** V
- 8BH/ Horizontal e.r.p.:** [Empty field] dBW
- 8BV/ Vertical e.r.p.:** 32.6 dBW
- 7D/ Transmission system:** [Empty dropdown]
- 9/ Antenna directivity:** ND
- 9EB/ Maximum Effective Antenna Height:** 60 m
- 9E/ Height of Antenna Above Ground Level:** 42 m

At the bottom, there is a section for "Coordination successfully completed with the following administrations". It lists "Available administrations" (AFG, AFS, AGL, ALB, ALG) and "Selected administrations" (empty). A "13C/ Notified remarks" text area is also present.

The Windows taskbar at the bottom shows the system tray with the date "14/04/2014" and time "09:46".

Result of validation

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

File Tools View Language Options Window Help

Date of notification: [] ID 1/ Assignment's unique identifier: [] T01

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

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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

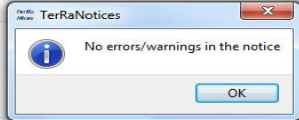
Available administrations: AFG, AFS, AGL, ALB, ALG

Selected administrations: []

13C/ Notified remarks: []

TerRaNotices

09:48 14/04/2014



Thank you for your attention!

Questions?

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