



# NOTIFICATION

Notice forms and notification  
formats for terrestrial services

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# Notification basics I

Notices shall be used to supply information to another administration or to the Radiocommunication Bureau in the context of a

- modification of a Plan,
- request for agreement, coordination of an assignment, or
- notification to the BR with a view to updating the MIFR.

## Notification basics II

All notifications to the ITU, BR may be considered as

- transformation from an assignment (on a national level)
- to an assignment (on an international level)

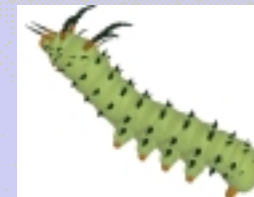
**The major steps in notification are:**

- identify national assignment
- convert assignment into notice
- verify the correctness of the notice
- submit the notice to the ITU
- follow-up, if necessary and finally observe the ITU...
- ...convert notice into assignment

# Difference between Notice and Assignment

When in dialog with the ITU on the subject of **NOTIFICATION** please note the following:

- **ASSIGNMENT** is a set of administrative, technical and geographical parameters uniquely describing one single radio-station (or multiple radio-stations, in case of typical stations) being recorded in corresponding file or record
- **NOTICE** is the same set of administrative, technical and geographical parameters - describing the same radio-station(s) - in the process of being transformed into assignment
- One can compare Notice and Assignment with two appearances of the same living creature, for example, notice being a caterpillar...
- ...and Assignment being a butterfly, well not the one flying from the flower to the flower, but, unfortunately, the one being pinned in some museum's collection



# Notification I

send notice

verify notice

validate notice

create notice

publish notice

assignment

examine notice

record assignment

**Administration**

**ITU**

send BRIFIC

publish Extracts on WWW

# National Assignment I

**The source of national assignments are:**

- Operating agency (within the Administration)
  - when commencing a new service
    - usually ADD
- ... or the Administration
  - as a result of international coordination
    - ADD, MOD or SUP
  - in case of change of national legislation
    - ADD, MOD or SUP
  - to correct an error
    - MOD or SUP and WITHDRAW

# National Assignment II

- Aeronautical radionavigation land station (transmitting station)
- Aeronautical radionavigation mobile station (receiving station)
- Aeronautical station (transmitting station in the aeronautical mobile service)
- Aeronautical station in the aeronautical mobile (R) service
- Aeronautical station in the aeronautical mobile (OR) service
- Aircraft station (receiving station in the aeronautical mobile, aeronautical mobile (R) or aeronautical mobile (OR) service)
- **Amateur station**
- Broadcasting station, sound, LF and MF
- **Broadcasting station, sound, HF**
- Broadcasting station, sound, VHF (FM)
- Broadcasting station, television
- Fixed station (transmitting station)
- Base station (transmitting station in the land mobile service)
- Land mobile station (receiving station in the land mobile service)
- Land station (transmitting station in the mobile service)
- Mobile station (receiving station in the mobile service)
- Coast station (transmitting station in the maritime mobile service)
- Port station (transmitting station in the maritime mobile service, for port operation)
- Ship station (receiving station in the maritime mobile service)
- **Ship station (Appendix 17 Part A, Part B Sections I, III and IV)**
- Oceanographic data interrogation station (transmitting station in the maritime mobile service)
- Oceanographic data station (receiving station in the maritime mobile service)
- Radiolocation land station (transmitting station)
- Radiolocation mobile station (receiving station)
- Radionavigation land station (transmitting station)
- Radionavigation mobile station (receiving station in the radionavigation service)
- Maritime radionavigation land station (transmitting station in the maritime radionavigation service)
- Maritime radionavigation mobile station (receiving station)
- Meteorological aids base station (transmitting station)
- Meteorological aids mobile station (receiving station)
- Standard frequency and time signal station (transmitting station)

## Notification II

National register  
of frequency  
assignments in use  
(radio stations  
licences)

**Administration**

**Master  
International  
Frequency  
Register**

National extract  
from the MIFR

**ITU**





## Notification III

National Plan for  
the use of  
frequency  
assignments

**Administration**

*Plans: ST61,  
GE75, RJ81,  
GE84, GE85,  
RJ88, GE89,*

National extract  
from the Plan

**ITU**



# Identify Notice

The same identifying elements are used whenever necessary to identify notice or assignment

- Identifying elements of a notice are the following:
  - ➔ administrative parameters
    - ➔ Administration code
    - ➔ Fragment – FMTV (GE84, GE89, ST61, NTFD\_RR, PLN\_EXT) – LFMF (GE75, RJ81, RJ88, NTFD\_RR) – FXM (AP25, AP26, AP27, ART.11, ART.9, Com. Freq, GE85M, GE85N)
  - ➔ geographical parameters
    - ➔ Geographical coordinates
    - ➔ Geographical area/ Standard area / Allotment area
  - ➔ technical parameters
    - ➔ Assigned frequency or Assigned channel number
    - ➔ Designation of emission
    - ➔ Class of station
    - ➔ Class of operation
    - ➔ Hours of operation

# Identify Notice Type

## Available Notice types:

- |                        |                        |                          |
|------------------------|------------------------|--------------------------|
| ➤ Broadcasting Service | ➤ Broadcasting Service | ➤ Fixed & Mobile service |
| ➤ FM/TV                | ➤ LF/MF                |                          |
| ➔ Basic notices        | ➔ Basic notices        | ➔ Notice types           |
| ➔ T01                  | ➔ T03                  | ➔ T11                    |
| ➔ T02                  | ➔ T04                  | ➔ T12                    |
| ➔ Additional notices   | ➔ Additional notices   | ➔ T13                    |
| ➔ TB1                  | ➔ TB6                  | ➔ T14                    |
| ➔ TB2                  | ➔ TB7                  | ➔ T15                    |
| ➔ TB3                  | ➔ TB8                  | ➔ T16                    |
| ➔ TB4                  | ➔ TB9                  | ➔ T17                    |
| ➔ TB5                  |                        |                          |

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total = 20

# Identify Notice Action I

## ➤ Broadcasting Service

### ➤ FM/TV

#### ➔ Basic notices

➔ T01

➔ T02

#### ➔ Additional notices

➔ TB1

➔ TB2

➔ TB3

➔ TB4

➔ TB5

#### ➔ Actions

➔ ADD / MOD

➔ ADD / MOD

➔ ADMINID

➔ CONFORM

➔ PART B

➔ COORD

➔ SUPPRESS or

WITHDRAW

#### ➔ To be used for

➔ VHF BC: Plans GE84/ST61, Art.11.2, Art.9.21

➔ VHF/UHF BT: Plans GE89/ST61, Art.11.2, Art.9.21

➔

➔ Art.11.2

➔ Plans GE84/GE89/ST61

➔ Plans GE84/GE89/ST61

# Identify Notice Action II

## ➤ Broadcasting Service

### ➤ LF/MF

- |                      |                           |  |
|----------------------|---------------------------|--|
| ➔ Basic notices      | ➔ Actions                 | ➔ To be used for                           |
| ➔ T03                | ➔ ADD / MOD               | ➔ LF/MF BC (R1&R3): Plan GE75, Art.11.2    |
| ➔ T04                | ➔ ADD / MOD               | ➔ LF/MF BC (R2): Plans RJ81/RJ88, Art.11.2 |
| ➔ Additional notices |                           |  |
| ➔ TB6                | ➔ ADMINID                 | ➔  |
| ➔ TB7                | ➔ CONFORM                 | ➔ Art.11.2                                 |
| ➔ TB8                | ➔ PART B                  | ➔ Plans GE75/RJ81/RJ88                     |
| ➔ TB9                | ➔ SUPPRESS or<br>WITHDRAW |  |

# Identify Notice Action III

## ➤ Fixed & Mobile service

## ➤ Notice types → Actions → To be used for

- |       |          |  |
|-------|----------|--|
| → T11 | →A-M-S-W | →TX stations in FX, Art.11.2, Art.9.21                     |
| → T12 | →A-M-S-W | →TX stations other services, Art.11.2, Art.9.21, GE85N-Sup |
| → T13 | →A-M-S-W | →RX stations in all services, Art.11.9, Art.9.21           |
| → T14 | →A-M-S-W | →Typical TX stations, Art.11.17                            |
| → T15 | →A-M-S-W | →Allotment in MMS (AP25)                                   |
| → T16 | →A-M-S-W | →Transmitting FC, AL (GE85M Plan)                          |
| → T17 | →A-M-S-W | →Transmitting station using adaptive technique, Art.11.2   |

Date of notification  
Day Month Year

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**BC** FORM OF NOTIFICATION  
VHF **f ~ VHF**  
SOUND BROADCASTING STATION

**T01**

**Broadcasting Service**

REGIONAL AGREEMENT GENEVA, 1984 <input type="checkbox"/> or Article 4 Plan update	REGIONAL AGREEMENT STOCKHOLM, 1961 <input type="checkbox"/> or Article 4 Plan update	Article NOTIFICATION <input type="checkbox"/> or Master Register update	REQUEST FOR COORDINATION * <input type="checkbox"/>	only
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<b>GE84</b> Notification intended for Addition <input type="checkbox"/> Modification <input type="checkbox"/>	B/ notifying administration <input type="checkbox"/>	3A1/Call sign <input type="text"/>
Administration Unique Identifier <input type="text"/> <b>MOD</b>	<input type="text"/>	3A2/Station identification <input type="text"/>

**FOR MODIFICATIONS: IDENTIFICATION OF THE ASSIGNMENT TO BE MODIFIED**

Administration Unique Identifier of the assignment to be modified

Assigned frequency of the assignment to be modified, MHz

Geographical coordinates of the assignment to be modified

Longitude			Latitude		
deg.	min.	sec. E/W	deg.	min.	sec. N/S
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**SITE CHARACTERISTICS**

4A/Transmitting antenna site name

4B/Geographic area

4C/Coordinates: Longitude  
deg. min. sec. E/W

Latitude  
deg. min. sec. N/S

9EA/Altitude of site above sea level, m (+/-)

**EMISSION CHARACTERISTICS**

1A/Assigned frequency MHz <input type="text"/>	7A1/Necessary bandwidth kHz <input type="text"/>	9D Polarisation H/V/M <input type="text"/>	Effective radiated power, dBW 8BH/Horizontal (+/-) <input type="text"/>	8BV/Vertical (+/-) <input type="text"/>	7D/Transmission system <input type="text"/>
--	--	--	--	---	--

**ANTENNA CHARACTERISTICS**

9/Directivity of antenna D/ND <input type="text"/>	9E/Height of antenna above ground level, m <input type="text"/>	9EB/Maximum effective antenna height, m (+/-) <input type="text"/>
--	--	---

**Article 11 (RR) only**

12A Operating	12B Address	10B/ Regular hours of operation From (UTC) To (UTC)	2C/ Date of bringing into use
---------------	-------------	--	-------------------------------

Broadcasting Service

BC

f = 94.5 MHz ~ VHF

GE75; GE84; ST61

MOD

**FORM OF NOTICE**

**LF/MF SOUND BROADCASTING STATION**

**T03**

Date of notification: Day Month Year **f ~MF**

**BC** regions: **Broadcasting Service**

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REGIONAL AGREEMENT Article 11(RR)  
 GENEVA, 1975  or NOTIFICATION   
 Article 4 Plan update Master Register update

For BR use only

---

**GE75** cation intended for

Addition  Modification

Administration Unique Identifier **MOD**

B/ notifying administration

3A1/Call sign

3A2/Station identification

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**FOR MODIFICATIONS: IDENTIFICATION OF THE ASSIGNMENT TO BE MODIFIED**

Administration Unique Identifier of the assignment to be modified

Assigned frequency of the assignment to be modified, kHz

Geographical coordinates of the assignment to be modified

Longitude Latitude  
 deg. min. sec. E/W deg. min. sec. N/S

---

**SITE CHARACTERISTICS**

4A/Transmitting antenna site name

4B/Geographic area

4C/Coordinates: Longitude Latitude  
 deg. min. sec. E/W deg. min. sec. N/S

4G/Ground conductivity, mS/m

---

1A/Assigned frequency kHz

Synchronized network identifier

---

**PARTICULARS CONCERNING DAY-TIME OPERATION**

10B/Regular hours of operation From(UTC) To(UTC) 7A1/Necessary bandwidth kHz 8A Power to antenna kW 9I Max e.m.r.p. dB(kW) 9Q/Antenna type (A or B) 9E/Antenna height m 7B/Adj.channel prot.ratio dB

**HJ** Hour minute Hour minute or **HN** Hour minute Hour minute

---

**PARTICULARS CONCERNING NIGHT -TIME OPERATION**

10B/Regular hours of operation From(UTC) To(UTC) 7A1/Necessary bandwidth kHz 8A Power to antenna kW 9I Max e.m.r.p. dB(kW) 9Q/Antenna type (A or B) 9E/Antenna height m 7B/Adj.channel prot.ratio dB

**HN** Hour minute Hour minute

Broadcasting Service

BC

f = 945 kHz ~ MF

GE75; GE84; ST61

MOD



# Identify Notice Form III

Fixed Service

FX

f = 4450 MHz

RR 11.2; RR 9.21

FORM OF NOTICE TERRESTRIAL TRANSMITTING STATION (TX) IN THE FIXED SERVICE										<b>T11</b> <small>10.10.2001</small>					
Date of notification Day Month Year			B: Notifying Administration		Notification intended for of an assignment (For BR use only)			ADD <input type="checkbox"/> MOD <input type="checkbox"/> SUP <input type="checkbox"/>		(RR APPENDIX 4, ANNEXES 1A AND 1B)					
Submission under the provisions of RR11.2 <input type="checkbox"/> RR9.21 <input type="checkbox"/>			First notification <input type="checkbox"/>	Re-submission <input type="checkbox"/>	Withdrawal of a notice <input type="checkbox"/>	Administration Unique Identifier			Fixed Administration Unique Identifier, or						
<b>Fixed Service</b>															
V only, identifying parameters of the recorded assignment or of the notice under treatment															
RR 11.2		k/M/G	O-6a: Class of station	O-7a: Designation of emission		O-7b: Class of operation	O-10b: Hours of operation From (UTC) To (UTC)		O-4c: Coordinates (Longitude/Latitude)						
Particulars of the assignment															
1a: Assigned frequency		k/M/G	1b: Reference (carrier) frequency		k/M/G	6a: Class of station	6b: Nature of service	7a: Designation of emission		7b: Class of operation	10b: Hours of operation From (UTC) To (UTC)	7e: Frequency deviation (MHz)	7f: Energy dispersal (kHz)		
2c: Date of bringing into use		Day Month Year	3a: Call Sign			FX						or Station identification (RR Art.19)			
4a: Name of the location of the transmitting station					4b: Geographic area	4c: Coordinates (Longitude / Latitude)			9a: Altitude of site above sea level						
11: Successfully completed coordination with other Administrations Symbols designating the Administration											12a: Operating agency	12b: Address code of Administration	Other information (supplied on a separate sheet)		
8: Type of power	8a: Power to the antenna (+/-) (dBW)	8b: Radiated power (+/-) (dBW) (E/I)		8ab: Maximum power density (+/-) (dBW/Hz)		9: Directivity of the antenna	9a: Azimuth (deg.)	9ab: Azimuthal sector for rotating antenna (deg. from) (deg. to)		9c: Beamwidth (deg.)	9g: Max. gain (D/I) (dB)	9j: Reference antenna	9b: Elevation angle (+/-) (deg.)	9d: Polarization code	9e: Height above ground level
5a: Name of the location of the receiving station(s)					5b: Geographic area	5c: Coordinates (Longitude / Latitude)			9k: Receiving system noise temperature (K)		5g: Maximum length of the circuit (km)				
<i>Note: Shaded fields are applicable only in certain cases</i>															
Page ... of ...															



Notification intended for

ITU / EBU Workshop on Digital Broadcasting

B/  
notifying  
administration

8-10 June 2004 3A1/Call sign Sofia, Bulgaria

Modification

Administration Unique Identifier

3A2/Station identification

**FOR MODIFICATIONS: IDENTIFICATION OF THE ASSIGNMENT TO BE MODIFIED**

Administration Unique Identifier of the assignment to be modified

Geographical coordinates of the assignment to be modified

Assigned frequency of the assignment to be modified, MHz

Longitude  
deg. min. sec. E/W

Latitude  
deg. min. sec. N/S

**SITE CHARACTERISTICS**

4A/Transmitting antenna site name

Basic set of identifying parameters

4B/Geographic area

4C/Coordinates: Longitude

deg. min. sec. E/W

Latitude

deg. min. sec. N/S

9EA/Altitude of site  
above sea level, m

(+/-)

**EMISSION CHARACTERISTICS**

1A/Assigned  
frequency

MHz

7A1/Necessary  
bandwidth

kHz

9D  
Polarisation

H/V/M

Effective radiated power,dBW  
8BH/Horizontal 8BV/Vertical

(+/-)

(+/-)

7D/Transmission  
system

**ANTENNA CHARACTERISTICS**

9/Directivity  
of antenna

D/ND

9E/Height of antenna  
above ground level, m

9EB/Maximum effective  
antenna height, m

(+/-)

# Fill out Notice Form II

Date of notification Day Month Year		B: Notifying Administration		Notification intended for of an assignment (For BR use only)		ADD <input type="checkbox"/> MOD <input type="checkbox"/> SUP <input type="checkbox"/>		FORM OF NOTICE TERRESTRIAL TRANSMITTING STATION (TX) IN THE FIXED SERVICE (RR APPENDIX 4, ANNEXES 1A AND 1B)				T11 10.10.2001	
Submission under the provisions of RR11.2 RR9.21		First notification <input type="checkbox"/>	Re-submission <input type="checkbox"/>	Withdrawal of a notice <input type="checkbox"/>	Administration Unique Identifier				Previously recorded Administration Unique Identifier, or				
for MOD / SUP / WITHDRAW only, identifying parameters of the recorded assignment or of the notice under treatment													
O-1a: Assigned frequency k/M/G Hz		O-6a: Class of station	O-7a: Designation of emission		O-7b: Class of operation (A/B/C)	O-10b: Hours of operation From (UTC) To (UTC)		O-4c: Coordinates (Longitude/Latitude) deg. min. sec. E/W deg. min. sec. N/S					
Particulars of the assignment													
1a: Assigned frequency k/M/G Hz		1b: Reference (carrier) frequency k/M/G Hz		6a: Class of station FX	6b: Nature of service	7a: Designation of emission		7b: Class of operation (A/B/C)	10b: Hours of operation From (UTC) To (UTC)		7e: Frequency deviation (MHz)	7f: Energy dispersal (kHz)	
Day Month Year		Basic set of identifying parameters											
4a: Name of the location of the transmitting station				4b: Geographic area	4c: Coordinates (Longitude/Latitude) deg. min. sec. E/W deg. min. sec. N/S								
11: Successfully completed coordination with other Administrations Symbols designating the Administration										12a: Operating agency	12b: Address code of Administration	Other information (supplied on a separate sheet) <input type="checkbox"/>	
8: Type of power X/Y/Z	8a: Power to the antenna (+/-) (dBW)	8b: Radiated power (+/-) (dBW) (E/I)		8ab: Maximum power density (+/-) (dBW/Hz)									
9: Directivity of the antenna ND/D	9a: Azimuth (deg.)	9ab: Azimuthal sector for rotating antenna (deg. from) (deg. to)		9c: Beamwidth (deg.)	9g: Max. gain (D/I) (dB)	9j: Reference antenna		9b: Elevation angle (+/-) (deg.)	9d: Polarization code	9e: Height above ground level +/- m			
5a: Name of the location of the receiving station(s)				5b: Geographic area	5c: Coordinates (Longitude / Latitude) deg. min. sec. E/W deg. min. sec. N/S			9k: Receiving system noise temperature (K)		5g: Maximum length of the circuit (km)			
<p><i>Note: Shaded fields are applicable only in certain cases</i></p>													
Page ... of ...													

# Notification format: PAPER I

Broadcasting services: Sound (BC) and Television (BT), basic notices only

Date of notification  
Day Month Year

FORM OF NOTICE  
VHF  
SOUND BROADCASTING STATION

T01

REGIONAL AGREEMENT  
GENEVA, 1984 or STOCKHOLM, 1991  
Article 4 Plan update

Date of notification  
Day Month Year

FORM OF NOTICE  
VHF/UHF  
TELEVISION BROADCASTING STATION

T02

### Annex to form T01 or T02

Administration Unique Identifier of the assignment or Assigned frequency and Geographical coordinates of the assignment

SEC Effective antenna height at different azimuths. In (a) use (B) if all values are 1 to the maximum effective antenna height

Date of notification  
Day Month Year

FORM OF NOTICE  
LF/MF SOUND BROADCASTING STATION  
Regions 1 and 3

T03

(a.) 0°

(a.) 10°

(a.) 20°

(a.) 30°

(a.) 40°

(a.) 50°

(a.) 60°

(a.) 70°

(a.) 80°

(a.) 90°

(a.) 100°

(a.) 110°

(a.) 120°

(a.) 130°

(a.) 140°

(a.) 150°

(a.) 160°

(a.) 170°

(a.) 180°

(a.) 190°

(a.) 200°

(a.) 210°

(a.) 220°

(a.) 230°

(a.) 240°

(a.) 250°

(a.) 260°

(a.) 270°

(a.) 280°

(a.) 290°

(a.) 300°

(a.) 310°

(a.) 320°

(a.) 330°

(a.) 340°

(a.) 350°

(a.) 360°

### Annex to form T03

Administration Unique Identifier or Assigned frequency and Geographical coordinates of the assignment

90°H Antenna gain in the horizontal plane at different azimuths (a) (fill in only if the antenna type is B)

(a.) 0°

(a.) 10°

(a.) 20°

(a.) 30°

(a.) 40°

(a.) 50°

(a.) 60°

(a.) 70°

(a.) 80°

(a.) 90°

(a.) 100°

(a.) 110°

(a.) 120°

(a.) 130°

(a.) 140°

(a.) 150°

(a.) 160°

(a.) 170°

(a.) 180°

(a.) 190°

(a.) 200°

(a.) 210°

(a.) 220°

(a.) 230°

(a.) 240°

(a.) 250°

(a.) 260°

(a.) 270°

(a.) 280°

(a.) 290°

(a.) 300°

(a.) 310°

(a.) 320°

Date of notification  
Day Month Year

FORM OF NOTICE  
MF SOUND BROADCASTING STATION  
Region 2

T04

### Annex to form T04

Administration Unique Identifier of the assignment or Assigned frequency and Geographical coordinates of the assignment

90°H Type of pattern (T, M or E) 90° Special quadrature factor mV/m HJ HN

FOR MODIFICATIONS: IDENTIFY Administration Unique Identifier

Assigned frequency of the assignment

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING

Additional remarks

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING

Additional remarks

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING

Additional remarks

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING

Additional remarks

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING

Additional remarks

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING

Additional remarks

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING

Additional remarks

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING

Additional remarks

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING

Additional remarks

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING

Additional remarks

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING

Additional remarks

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING

Additional remarks

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING

Additional remarks

\*The notices under procedure RR 3.21 are

# Notification format: PAPER II

Fixed and Mobile services (FXM),  
first page of the notice only

Date of notification Day Month Year	B: Notifying Administration	Notification intended for of an assignment (For BR use only)	ADD MCO SLP	FORM OF NOTICE TERRESTRIAL TRANSMITTING STATION (TX) IN THE FIXED SERVICE (RR APPENDIX 4, ANNEXES 1A AND 1B)	<b>T11</b>
Submission under the provisions of RR11.2 RR3.21					
First notification Re-submission Withdrawal of a notice					
Administration Unique Identifier					
Previously recorded Administration Unique Identifier or					

for MOD / SUP / WITHDRAW only					
O-1a: Assigned frequency					
Particulars of the assignment					
1a: Assigned frequency					
2c: Date of bringing into use Day Month Year					
3a: Name of the location of the site					
11: Successfully completed coordinate Synthetic designating the Administration					
B: Type of power to the antenna at power (A/C) (S/BV)					
9: Directivity of antenna ND/D					
3a: Name of the location of the receiving station					

Date of notification Day Month Year	B: Notifying Administration	Notification intended for of an assignment (For BR use only)	ADD MCO SLP	FORM OF NOTICE TERRESTRIAL TRANSMITTING STATION (TX) (Except station in the Fixed, or LP/AF/VHF/UHF Broadcasting Services, or Typical Station) (RR APPENDIX 4, ANNEXES 1A AND 1B)	<b>T12</b>
Submission under the provisions of RR11.2 RR3.21					
First notification Re-submission Withdrawal of a notice					
Administration Unique Identifier					
Previously recorded Administration Unique Identifier or					

for MOD / SUP / WITHDRAW only					
O-1a: Assigned frequency					
Particulars of the assignment					
1a: Assigned frequency					
2c: Date of bringing into use Day Month Year					
3a: Name of the location of the site					
11: Successfully completed coordinate Synthetic designating the Administration					
B: Type of power to the antenna at power (A/C) (S/BV)					
9: Directivity of antenna ND/D					
3a: Name of the location of the receiving station					

Date of notification Day Month Year	B: Notifying Administration	Notification intended for of an assignment (For BR use only)	ADD MCO SLP	FORM OF NOTICE TERRESTRIAL RECEIVING LAND STATION (RX) (RR APPENDIX 4, ANNEXES 1A AND 1B)	<b>T13</b>
Submission under the provisions of RR11.9 RR3.21					
First notification Re-submission Withdrawal of a notice					
Administration Unique Identifier					
Previously recorded Administration Unique Identifier or					

for MOD / SUP / WITHDRAW only, identifying parameters of the recorded assignment or of the notice under treatment					
O-1a: Assigned frequency					
Particulars of the assignment					
1a: Assigned frequency					
2c: Date of bringing into use Day Month Year					
3a: Name of the location of the site					
11: Successfully completed coordinate Synthetic designating the Administration					
B: Type of power to the antenna at power (A/C) (S/BV)					
9: Directivity of antenna ND/D					
3a: Name of the location of the receiving station					

Date of notification Day Month Year	B: Notifying Administration	Notification intended for of an assignment (For BR use only)	ADD MCO SLP	FORM OF NOTICE TERRESTRIAL TYPICAL TRANSMITTING STATION (TP) (RR APPENDIX 4, ANNEXES 1A AND 1B)	<b>T14</b>
Submission under the provisions of RR11.7					
First notification Re-submission Withdrawal of a notice					
Administration Unique Identifier					
Previously recorded Administration Unique Identifier or					

for MOD / SUP / WITHDRAW only, identifying parameters of the recorded assignment or of the notice under treatment					
O-1a: Assigned frequency					
Particulars of the assignment					
1a: Assigned frequency					
2c: Date of bringing into use Day Month Year					
3a: Name of the location of the site					
11: Successfully completed coordinate Synthetic designating the Administration					
B: Type of power to the antenna at power (A/C) (S/BV)					
9: Directivity of antenna ND/D					
3a: Name of the location of the receiving station					

Date of submission Day Month Year	B: Notifying Administration	Submission intended for of an allotment (For BR use only)	ADD MCO SLP	FORM OF SUBMISSION FREQUENCY ALLOTMENT IN THE MARITIME MOBILE SERVICE (RR APPENDIX 25)	<b>T15</b>
Submission according to GERRIN MAR, GERRIN1-AER					
Withdrawal of a submission					
Administration Unique Identifier					
Previously recorded Administration Unique Identifier or					

for MOD / SUP / WITHDRAW only, identifying parameters of the recorded assignment or of the notice under treatment					
O-1a: Assigned frequency					
Particulars of the assignment					
1a: Assigned frequency					
2c: Date of bringing into use Day Month Year					
3a: Name of the location of the site					
11: Successfully completed coordinate Synthetic designating the Administration					
B: Type of power to the antenna at power (A/C) (S/BV)					
9: Directivity of antenna ND/D					
3a: Name of the location of the receiving station					

Date of submission Day Month Year	B: Notifying Administration	Submission intended for of a Plan assignment (For BR use only)	ADD MCO SLP	FORM OF SUBMISSION TERRESTRIAL TRANSMITTING STATION (TX) (Plan update Regional Agreement Geneva, 1986) (Article 4 of the agreement)	<b>T16</b>
Submission according to GERRIN MAR, GERRIN1-AER					
Withdrawal of a submission					
Administration Unique Identifier					
Previously recorded Administration Unique Identifier or					

for MOD / SUP / WITHDRAW only, identifying parameters of the recorded assignment or of the notice under treatment					
O-1a: Assigned frequency					
Particulars of the assignment					
1a: Assigned frequency					
2c: Date of bringing into use Day Month Year					
3a: Name of the location of the site					
11: Successfully completed coordinate Synthetic designating the Administration					
B: Type of power to the antenna at power (A/C) (S/BV)					
9: Directivity of antenna ND/D					
3a: Name of the location of the receiving station					

Date of notification Day Month Year	B: Notifying Administration	Notification intended for of an assignment (For BR use only)	ADD MCO SLP	FORM OF NOTICE TERRESTRIAL TRANSMITTING STATION (TX) USING ADAPTIVE SYSTEMS (RR APPENDIX 4, ANNEXES 1A AND 1B)	<b>T17</b>
Submission under the provisions of RR11.2					
First notification Re-submission Withdrawal of a notice					
Administration Unique Identifier					
Previously recorded Administration Unique Identifier or					

for MOD / SUP / WITHDRAW only, identifying parameters of the recorded assignment or of the notice under treatment					
O-1a: Assigned frequency					
Particulars of the assignment					
1a: Assigned frequency					
2c: Date of bringing into use Day Month Year					
3a: Name of the location of the site					
11: Successfully completed coordinate Synthetic designating the Administration					
B: Type of power to the antenna at power (A/C) (S/BV)					
9: Directivity of antenna ND/D					
3a: Name of the location of the receiving station					

for MOD / SUP / WITHDRAW only, identifying parameters of the recorded assignment or of the notice under treatment					
O-1a: Assigned frequency					
Particulars of the assignment					
1a: Assigned frequency					
2c: Date of bringing into use Day Month Year					
3a: Name of the location of the site					
11: Successfully completed coordinate Synthetic designating the Administration					
B: Type of power to the antenna at power (A/C) (S/BV)					
9: Directivity of antenna ND/D					
3a: Name of the location of the receiving station					

for MOD / SUP / WITHDRAW only, identifying parameters of the recorded assignment or of the notice under treatment					
O-1a: Assigned frequency					
Particulars of the assignment					
1a: Assigned frequency					
2c: Date of bringing into use Day Month Year					
3a: Name of the location of the site					
11: Successfully completed coordinate Synthetic designating the Administration					
B: Type of power to the antenna at power (A/C) (S/BV)					
9: Directivity of antenna ND/D					
3a: Name of the location of the receiving station					

for MOD / SUP / WITHDRAW only, identifying parameters of the recorded assignment or of the notice under treatment					
O-1a: Assigned frequency					
Particulars of the assignment					
1a: Assigned frequency					
2c: Date of bringing into use Day Month Year					
3a: Name of the location of the site					
11: Successfully completed coordinate Synthetic designating the Administration					
B: Type of power to the antenna at power (A/C) (S/BV)					
9: Directivity of antenna ND/D					
3a: Name of the location of the receiving station					

for MOD / SUP / WITHDRAW only, identifying parameters of the recorded assignment or of the notice under treatment					
O-1a: Assigned frequency					
Particulars of the assignment					
1a: Assigned frequency					
2c: Date of bringing into use Day Month Year					
3a: Name of the location of the site					
11: Successfully completed coordinate Synthetic designating the Administration					
B: Type of power to the antenna at power (A/C) (S/BV)					
9: Directivity of antenna ND/D					
3a: Name of the location of the receiving station					

Note: Shaded fields are applicable only in certain cases

# How to ... BC manually?

Date of notification  
Day Month Year  
**11 11 2002**

**FORM OF NOTICE  
VHF  
SOUND BROADCASTING STATION**

**T01**

REGIONAL AGREEMENT GENEVA, 1984  or Article 4 Plan update  
REGIONAL AGREEMENT STOCKHOLM, 1961  or Article 4 Plan update  
Article 11 (RR) NOTIFICATION Master Register update  or  
RR 9.21 REQUEST FOR COORDINATION \*

For BR use only

Notification intended for  
Addition  Modification   
Administration Unique Identifier  
**19840843A**

B/ notifying administration  
**SUI**

3A1/Call sign  
3A2/Station identification

**FOR MODIFICATIONS: IDENTIFICATION OF THE ASSIGNMENT TO BE MODIFIED**  
Administration Unique Identifier of the assignment to be modified  
Geographical coordinates of the assignment to be modified  
Assigned frequency of the assignment to be modified, MHz

**SITE CHARACTERISTICS**  
4A/Transmitting antenna site name  
**RADIO IAC**  
4B/Geographic area  
**F**  
4C/Coordinates: Longitude deg. min. sec. E/W Latitude deg. min. sec. N/S  
**006 12 00 E 46 09 00 N**  
9EA/Altitude of site above sea level, m  
**+1080**

**EMISSION CHARACTERISTICS**  
1A/Assigned frequency MHz **91.80**  
7A1/Necessary bandwidth kHz **300**  
9D Polarisation H/V/M **M**  
Effective radiated power, dBW  
8BH/Horizontal (+/-) **+24.0**  
8BV/Vertical (+/-) **+24.0**  
7D/Transmission system **4**

**ANTENNA CHARACTERISTICS**  
9/Directivity of antenna D/ND **D**  
9E/Height of antenna above ground level, m **25**  
9EB/Maximum effective antenna height, m (+/-) **+711**

Article 11 (RR) only  
12A Operating agency  
12B Address code  
10B/ Regular hours of operation From (UTC) To (UTC)  
Hour minute Hour minute  
2C/ Date of bringing into use  
Day Month Year

11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING ADMINISTRATIONS

Additional remarks

\* The notices under procedure RR 9.21 are treated in a semi-automated manner, outside TerRaSys, and only paper notices are accepted for the time being

**Annex to form T01 or T02**

Administration Unique Identifier of the assignment or Assigned frequency and Geographical coordinates of the assignment  
MHz deg. min. sec. E/W deg. min. sec. N/S  
**91.80 006 12 00 E 46 09 00 N**

9EC/Effective antenna height at different azimuths, m (do not fill in if all values are equal to the maximum effective antenna height)		9NH/Attenuation at different azimuths of the horizontally polarized component with respect to maximum e.r.p. of the horizontally polarized component, (dB) (do not fill in if the antenna is non-directional)		9NV/Attenuation at different azimuths of the vertically polarized component with respect to maximum e.r.p. of the vertically polarized component, (dB) (do not fill in if the antenna is non-directional)	
(+/-)	0°	(+/-)	180°	(+/-)	180°
+0701	+0300	3.0	20.0	3.0	20.0
+0681	+0220	5.0	20.0	5.0	20.0
+0675	+0175	7.0	20.0	7.0	20.0
+0661	+0132	9.0	20.0	9.0	20.0
+0638	+0230	12.0	18.0	12.0	18.0
+0580	+0320	15.0	15.0	15.0	15.0
+0373	+0515	18.0	12.0	18.0	12.0
+0383	+0590	20.0	9.0	20.0	9.0
+0517	+0620	20.0	7.0	20.0	7.0
+0577	+0660	20.0	5.0	20.0	5.0
+0650	+0675	20.0	3.0	20.0	3.0
+0620	+0697	20.0	2.0	20.0	2.0
+0590	+0691	20.0	1.0	20.0	1.0
+0525	+0688	20.0	0.0	20.0	0.0
+0460	+0686	20.0	0.0	20.0	0.0
+0335	+0684	20.0	0.0	20.0	0.0
+0320	+0700	20.0	1.0	20.0	1.0
+031	+0711	20.0	2.0	20.0	2.0

# How to ... FXM, manually?

Date of notification						B: Notifying Administration	Notification intended for of an assignment			FORM OF NOTICE			T11 <small>10.10.2001</small>	
Day	Month	Year	ADD	MOD	SUP	Administration	(For BR use only)			TERRESTRIAL TRANSMITTING STATION (TX) IN THE FIXED SERVICE				
12	02	2002	<input checked="checked" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MRC	Submission under the provisions of RR11.2 RR9.21			Administration Unique Identifier		Previously recorded Administration Unique Identifier, or		
<input checked="checked" type="checkbox"/>	<input type="checkbox"/>		<input checked="checked" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		A20020301							
for MOD / SUP / WITHDRAW only, identifying parameters of the recorded assignment or of the notice under treatment														
O-1a: Assigned frequency			O-6a: Class of station		O-7a: Designation of emission		O-7b: Class of operation	O-10b: Hours of operation		O-4c: Coordinates (Longitude/Latitude)				
k/M/G Hz							(A/B/C)	From (UTC) To (UTC)		deg. min. sec. E/W deg. min. sec. N/S				
Particulars of the assignment														
1a: Assigned frequency			1b: Reference (carrier) frequency		6a: Class of station	6b: Nature of service	7a: Designation of emission		7b: Class of operation	10b: Hours of operation		7e: Frequency deviation (MHz)	7f: Energy dispersal (kHz)	
k/M/G Hz			k/M/G Hz						(A/B/C)	From (UTC) To (UTC)				
10525000 M					FX	CP	22M5FXW			00:00 2400				
2c: Date of bringing into use				3a: Call Sign or Station identification (RR Art.19)										
Day Month Year														
03 12 1999				5HX4										
4a: Name of the location of the transmitting station				4b: Geographic area	4c: Coordinates (Longitude / Latitude)			9a: Altitude of site above sea level						
MARRAKECH				MRC	deg. min. sec. E/W deg. min. sec. N/S			+/- m						
					008 00 28 W   31 38 07 N			+ 529 m						
11: Successfully completed coordination with other Administrations											12a: Operating agency	12b: Address code of Administration	Other information (supplied on a separate sheet)	
Symbols designating the Administration												A	<input type="checkbox"/>	
8: Type of power	8a: Power to the antenna		8b: Radiated power		8ab: Maximum power density									
X/Y/Z	(±) (dBW)		(±) (dBW) (E/I)		(±) (dBW/Hz)									
Y	- 70		+ 29.3 E											
9: Directivity of the antenna	9a: Azimuth (deg.)	9ab: Azimuthal sector for rotating antenna (deg. from) (deg. to)		9c: Beamwidth (deg.)	9g: Max. gain (D/I) (dB)	9j: Reference antenna		9b: Elevation angle (±) (deg.)	9d: Polarization code	9e: Height above ground level +/- m				
ND/D	(deg.)	(deg. from) (deg. to)		(deg.)	(D/I) (dB)			(±) (deg.)		+/- m				
D	116			0.9	D 36.3			0.5	H	+ 60 m				
5a: Name of the location of the receiving station(s)				5b: Geographic area	5c: Coordinates (Longitude / Latitude)			9k: Receiving system noise temperature (K)		5g: Maximum length of the circuit (km)				
MARRAKECH				MRC	deg. min. sec. E/W deg. min. sec. N/S					km				
					008 10 57 W   31 41 34 N									
<i>Note: Shaded fields are applicable only in certain cases</i>														
Page ... of ...														

# Notification format: ELECTRONIC I

```
File created on 11-11-2002 / 16:21:55
```

```
Processed by rackov
```

```
<HEAD>
```

```
t_adm=MRC
```

```
</HEAD>
```

```
<NOTICE>
```

```
t_notice_type=T11
```

```
t_action=ADD
```

```
t_fragment=NTRFD_RR
```

```
t_addr_code=A
```

```
t_freq_assgn= 10525
```

```
t_site_name=MARRAKECH
```

```
t_ctry=MRC
```

```
t_long=-0080028
```

```
t_lat=+313807
```

```
t_site_alt=529
```

```
t_op_hh_fr=00:00
```

```
t_op_hh_to=24:00
```

```
t_stn_cls=FX
```

```
t_emi_cls=FXW
```

```
t_bdwidth_cde=22M5
```

```
t_nat_srv=CP
```

```
t_d_inuse=1999-12-03
```

```
t_d_adm_ntc=2002-02-12
```

```
t_call_sign=5HX4
```

```
t_adm_ref_id=A20020301
```

```
t_is_resub=FALSE
```

```
t_prov=S11.2
```

```
<ANTENNA>
```

```
t_pwr_xyz=Y
```

```
t_pwr_ant=-7
```

```
t_pwr_dbw=29.3
```

```
t_pwr_eiv=E
```

```
t_ant_dir=D
```

```
t_azm_max_e=116
```

```
t_bwwidth=0.9
```

```
t_gain_type=D
```

```
t_gain_max=36.3
```

```
t_elev=0.5
```

```
t_polar=H
```

```
t_hgt_agl=60
```

```
<RX_STATION>
```

```
t_geo_type=POINT
```

```
t_site_name=MARRAKECH
```

```
t_ctry=MRC
```

```
t_long=-0081057
```

```
t_lat=+314134
```

```
</RX_STATION>
```

```
</ANTENNA>
```

```
</NOTICE>
```

```
<TAIL>
```

```
t_num_notices = 1
```

```
</TAIL>
```

Data structure is described in CR/118 (FXM), CR/120 (FMTV) and CR/125 (LFMF). The electronic file is a sequential, record-oriented file, which follows the general outline of an SGML (Standard Generalized Mark-up Language) file, with a tagging scheme.



# Notification format: ELECTRONIC II

Each file contains three different types of sections:

One Head Section

One or more Notice Section(s), Each notice is contained in one Notice Section. The composition of the Notice Section depends on the Notice Type

One Tail Section which contains information about the number of the notices in the file

```
<HEAD>
t_adm=MRC
</HEAD>
```

```
<NOTICE>
t_notice_type=T11
t_action=ADD
t_fragment=NTFD_RR
t_addr_code=A
t_freq_assgn= 10525
t_site_name=MARRAKECH
t_ctry=MRC
t_long=-0080028
t_lat=+313807
t_site_alt=529
t_op_hh_fr=00:00
t_op_hh_to=24:00
t_stn_cls=FX
t_emi_cls=FXW
t_bdwidth_cde=22M5
t_nat_srv=CP
t_d_inuse=1999-12-03
t_d_adm_ntc=2002-02-12
t_call_sign=5HX4
t_adm_ref_id=A20020301
t_is_resub=FALSE
t_prov=S11.2
```

```
<ANTENNA>
t_pwr_xyz=Y
t_pwr_ant=-7
t_pwr_dbw=29.3
t_pwr_eiv=E
t_ant_dir=D
t_azm_max_e=116
t_bwwidth=0.9
t_gain_type=D
t_gain_max=36.3
t_elev=0.5
t_polar=H
t_hgt_agl=60
<RX_STATION>
t_geo_type=POINT
t_site_name=MARRAKECH
t_ctry=MRC
t_long=-0081057
t_lat=+314134
</RX_STATION>
</ANTENNA>
</NOTICE>
```

```
<TAIL>
t_num_notices = 1
</TAIL>
```

# How to ... BC using TstTrs I?

FORM OF NOTICE Annex to form T01 or T02

Date of notification  
Day Month Year

Fragment  BR\_Id  Action

Admin  Adm. Identif  Station  Country

Geogr. Coordinates  Altitude  Height  Heff. max (m)   
(014E0202 45N1003)

Frequency  Polar  ParMxH  ParMxV  Bandwid  Syst.   
(MHz) (dBW) (dBW)

Graphical coordinates of the assignment  
Longitude    E/W  Latitude    N/S

Notification info  
Addition

Administration Unique Identifier

FOR MODIFICATIONS: IDENTIFICATION  
Administration Unique Identifier

Assigned frequency of the assignment

SITE CHARACTERISTICS  
4A/Transmitting antenna site name

4C/Coordinates: Longitude deg. min. sec. E/W

EMISSION CHARACTERISTICS  
1A/Assigned frequency MHz  7A1/Necessary bandwidth kHz

ANTENNA CHARACTERISTICS  
9/Directivity of antenna

Article 11 (RR) only

11/ COORDINATION SUCCESSFUL

Additional remarks

**Attenuation for polarization H**

Azimuth	000	010	020	030	040	050	060	070	080	090	100	110
Attenuation	3.0	5.0	7.0	9.0	12.0	15.0	18.0	20.0	20.0	20.0	20.0	20.0
Azimuth	120	130	140	150	160	170	180	190	200	210	220	230
Attenuation	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	15.0
Azimuth	240	250	260	270	280	290	300	310	320	330	340	350
Attenuation	12.0	9.0	7.0	5.0	3.0	2.0	1.0	0.0	0.0	0.0	1.0	2.0
Azimuth	000	010	020	030	040	050	060	070	080	090	100	110
Haut Eff	701	681	675	661	638	580	373	383	517	577	650	620
Azimuth	120	130	140	150	160	170	180	190	200	210	220	230
Haut Eff	590	525	460	335	320	310	300	220	175	132	230	320
Azimuth	240	250	260	270	280	290	300	310	320	330	340	350
Haut Eff	515	590	620	660	675	697	691	688	686	684	700	711

Message

PREVIOUS OTHER TerRaKey Test ST61 RECORD PRINT GO BACK

Graphical coordinates of the assignment  
Longitude    E/W  Latitude    N/S

Attenuation at different azimuths of the vertically polarized component with respect to the maximum e.r.p. of the vertically polarized component, (dB)  
Do not fill in if the antenna is non-directional

0°	180°
10°	190°
20°	200°
30°	210°
40°	220°
50°	230°
60°	240°
70°	250°
80°	260°
90°	270°
100°	280°
110°	290°
120°	300°
130°	310°
140°	320°
150°	330°
160°	340°
170°	350°

BR/TSD/TPR - T01-2002.1-E

\* The notices under procedure RR 9.21 are treated in a semi-automated manner, outside TerRaSys, and only paper notices are accepted for the time being

BR/TSD/TPR - T01/2 A - 2002.1-E

# How to ... BC using TstTrs III?

Date of notification  
Day Month Year

--	--	--	--	--	--

REGIONAL AGREEMENT GENEVA, 1984  or REGIONAL AGREEMENT STOCKHOLM, 1961  or NO Mas

SOUND BI  F

ARTI  Mas

SIGNS  1

N/S  11

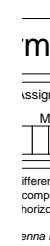
11/ COORDINATION SUCCESSFULLY COMPLETED WITH

--	--	--	--	--	--	--

Additional remarks

```
<ANT_HGT>
t_eff_hgt@azm000 = 701
t_eff_hgt@azm010 = 681
t_eff_hgt@azm020 = 675
t_eff_hgt@azm030 = 661
t_eff_hgt@azm040 = 638
t_eff_hgt@azm050 = 580
t_eff_hgt@azm060 = 373
t_eff_hgt@azm070 = 383
t_eff_hgt@azm080 = 517
t_eff_hgt@azm090 = 577
t_eff_hgt@azm100 = 650
t_eff_hgt@azm110 = 620
t_eff_hgt@azm120 = 590
t_eff_hgt@azm130 = 525
t_eff_hgt@azm140 = 460
t_eff_hgt@azm150 = 335
t_eff_hgt@azm160 = 320
t_eff_hgt@azm170 = 310
t_eff_hgt@azm180 = 300
t_eff_hgt@azm190 = 220
t_eff_hgt@azm200 = 175
t_eff_hgt@azm210 = 132
t_eff_hgt@azm220 = 230
t_eff_hgt@azm230 = 320
t_eff_hgt@azm240 = 515
t_eff_hgt@azm250 = 590
t_eff_hgt@azm260 = 620
t_eff_hgt@azm270 = 660
t_eff_hgt@azm280 = 675
t_eff_hgt@azm290 = 697
t_eff_hgt@azm300 = 691
t_eff_hgt@azm310 = 688
t_eff_hgt@azm320 = 686
t_eff_hgt@azm330 = 684
t_eff_hgt@azm340 = 700
t_eff_hgt@azm350 = 711
</ANT_HGT>
```

```
<ANT_DIAGR_H>
t_attn@azm000 = 3
t_attn@azm010 = 5
t_attn@azm020 = 7
t_attn@azm030 = 9
t_attn@azm040 = 12
t_attn@azm050 = 15
t_attn@azm060 = 18
t_attn@azm070 = 20
t_attn@azm080 = 20
t_attn@azm090 = 20
t_attn@azm100 = 20
t_attn@azm110 = 20
t_attn@azm120 = 20
t_attn@azm130 = 20
t_attn@azm140 = 20
t_attn@azm150 = 20
t_attn@azm160 = 20
t_attn@azm170 = 20
t_attn@azm180 = 20
t_attn@azm190 = 20
t_attn@azm200 = 20
t_attn@azm210 = 20
t_attn@azm220 = 18
t_attn@azm230 = 15
t_attn@azm240 = 12
t_attn@azm250 = 9
t_attn@azm260 = 7
t_attn@azm270 = 5
t_attn@azm280 = 3
t_attn@azm290 = 2
t_attn@azm300 = 1
t_attn@azm310 = 0
t_attn@azm320 = 0
t_attn@azm330 = 0
t_attn@azm340 = 1
t_attn@azm350 = 2
</ANT_DIAGR_H>
```



```
<ANT_DIAGR_V>
t_attn@azm000 = 3
t_attn@azm010 = 5
t_attn@azm020 = 7
t_attn@azm030 = 9
t_attn@azm040 = 12
t_attn@azm050 = 15
t_attn@azm060 = 18
t_attn@azm070 = 20
t_attn@azm080 = 20
t_attn@azm090 = 20
t_attn@azm100 = 20
t_attn@azm110 = 20
t_attn@azm120 = 20
t_attn@azm130 = 20
t_attn@azm140 = 20
t_attn@azm150 = 20
t_attn@azm160 = 20
t_attn@azm170 = 20
t_attn@azm180 = 20
t_attn@azm190 = 20
t_attn@azm200 = 20
t_attn@azm210 = 20
t_attn@azm220 = 18
t_attn@azm230 = 15
t_attn@azm240 = 12
t_attn@azm250 = 9
t_attn@azm260 = 7
t_attn@azm270 = 5
t_attn@azm280 = 3
t_attn@azm290 = 2
t_attn@azm300 = 1
t_attn@azm310 = 0
t_attn@azm320 = 0
t_attn@azm330 = 0
t_attn@azm340 = 1
t_attn@azm350 = 2
</ANT_DIAGR_V>
</NOTICE>
<TAIL>
t_num_notices = 1
</TAIL>
```



\* The notices under procedure RR 9.21 are treated in a semi-automated manner. Notices are generated, transmitted and stored on a daily basis.

# How to ... using FXM DCap I

Date of notification Day Month Year		B: Notifying Administration		Notification intended for of an assignment (For BR use only)		ADD <input type="checkbox"/> MOD <input type="checkbox"/> SUP <input type="checkbox"/>		FORM OF NOTICE TERRESTRIAL TRANSMITTING STATION (TX) IN THE FIXED SERVICE (RR APPENDIX 4, ANNEXES 1A AND 1B)				<b>T11</b> <small>10.10.2001</small>		
Submission under the provisions of RR11.2 RR9.21				First notification <input type="checkbox"/>		Re-submission <input type="checkbox"/>		Withdrawal of a notice <input type="checkbox"/>		Administration Unique Identifier			Previously recorded Administration Unique Identifier, or	
for MOD / SUP / WITHDRAW only, identifying parameters of the recorded assignment or of the notice under treatment													sec. N/S	
O-1a: Assigned frequency k/M/G Hz				O-6a: Cl of station				7e: Frequency deviation (MHz)		7f: Energy dispersal (kHz)				
Particulars of the assignment													9a: Altitude of site above sea level +/- m	
1a: Assigned frequency k/M/G Hz				1b: Refe				12b: Address code of Administration		Other information (supplied on a separate sheet)				
2c: Date of bringing into use Day Month Year				3a: Call Sign				9d: Polarization code		9e: Height above ground level +/- m				
4a: Name of the location of the transmitting station													9k: Receiving system noise temperature (K)	
11: Successfully completed coordination with other Administrations Symbols designating the Administration													5g: Maximum length of the circuit (km)	
8: Type of power X/Y/Z		8a: Power to the antenna (+/-) (dBW)		8b: Radi (+/-) (d				9d: Polarization code		9e: Height above ground level +/- m				
9: Directivity of the antenna ND/D		9a: Azimuth (deg.)		9ab: Azimuthal (deg. from)				9d: Polarization code		9e: Height above ground level +/- m				
5a: Name of the location of the receiving station													9k: Receiving system noise temperature (K)	
area													5g: Maximum length of the circuit (km)	
deg. min. sec. E/W deg. min. sec. N/S													Note: Shaded fields are applicable only in certain cases	
Page ... of ...														

**TPR Offline Data Capture System**

Language / Langue / Idioma  
 English   
 Français   
 Español

Select FXM Notice Forms

- T11 Terrestrial Transmitting Station (TX) in the Fixed Services
- T12 Terrestrial Transmitting Station (TX) (except stations in the Fixed or LF/MF/VHF/UHF Broadcasting Services, or Typical Station)
- T13 Terrestrial Receiving Land Station (RX)
- T14 Terrestrial Typical Transmitting Station (TP)

Go      Exit

Version 1.03 (with error messages in English only)

# How to ... using FXM DCap II

T11 Terrestrial Transmitting Station [TX] in the Fixed Service [Appendix S4, Annexes 1A and 1B]
\_ □ ×

Date of notification	<input type="text" value="12"/> <input type="text" value="02"/> <input type="text" value="2002"/>	Notifying Administration	<input type="text" value="MRC"/>	<input checked="" type="radio"/> Add	<input type="radio"/> Mod	<input type="radio"/> Sup	<input type="radio"/> Withdraw						
Provision	<input checked="" type="radio"/> S11.2	<input type="radio"/> S9.21	<input checked="" type="radio"/> First notification	<input type="radio"/> Resubmission	Administration unique ID				Previously recorded Administration unique ID				
				<input type="text" value="A20020301"/>									
0-1a	k/M/G	0-6a	0-7a	0-7b	0-10b	0-4c longitude	E/W	latitude	N/S				
1a	k/M/G	1b	k/M/G	6a	6b	7a	7b	10b	2400	7e	7f		
<input type="text" value="10525.0"/>	<input type="text" value="M"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="FX"/>	<input type="text" value="CP"/>	<input type="text" value="22M5"/>	<input type="text" value="FXW"/>	<input type="text" value="0000"/>	<input type="text" value="2400"/>	<input type="text"/>	<input type="text"/>		
2c	<input type="text" value="03"/> <input type="text" value="12"/> <input type="text" value="1999"/>	3a	or Station identification (RR S19)										
<input type="text" value="03"/> <input type="text" value="12"/> <input type="text" value="1999"/>		<input type="text" value="5HX4"/>											
4a	<input type="text" value="MARRAKESH"/>				4b	4c longitude	E/W	latitude	N/S	9ea			
<input type="text" value="MARRAKESH"/>				<input type="text" value="MRC"/>	<input type="text" value="008"/> <input type="text" value="00"/> <input type="text" value="28"/>	<input type="text" value="W"/>	<input type="text" value="31"/> <input type="text" value="38"/> <input type="text" value="07"/>	<input type="text" value="N"/>	<input type="text" value="529"/>				
11	Symbols designating the Administration									12a	12b		
<input type="text"/>	<input type="text"/>									<input type="text"/>	<input type="text" value="A"/>		
8	8a	8b	EIV	8ab	Antenna section number <input type="text" value="1"/> <input type="button" value="Add"/>								
<input type="text" value="Y"/>	<input type="text" value="-7.0"/>	<input type="text" value="29.3"/>	<input type="text" value="E"/>	<input type="text"/>									
9	9a	9ab	(from)	(to)	9c	9q	9j	9b	9d	9e	5q		
<input type="text" value="D"/>	<input type="text" value="116"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0.9"/>	<input type="text" value="D"/>	<input type="text" value="36.3"/>	<input type="text"/>	<input type="text" value="0.5"/>	<input type="text" value="H"/>	<input type="text" value="60"/>	<input type="text"/>	
<input checked="" type="radio"/> Point <input type="radio"/> Multipoint													
5a	Name of the location of the receiving station(s)				5b	5c longitude			E/W	latitude	N/S	9k	
<input type="text" value="MARRAKECH"/>				<input type="text" value="MRC"/>	<input type="text" value="008"/>	<input type="text" value="10"/>	<input type="text" value="57"/>	<input type="text" value="W"/>	<input type="text" value="31"/>	<input type="text" value="41"/>	<input type="text" value="34"/>	<input type="text" value="N"/>	<input type="text"/>
<input type="text"/>				<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>				<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>				<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>				<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Output Filename

Notice number

Save notice

End of group

Clear screen

Remarks

# How to ... using FXM DCap III

Date of notification Day Month Year	File created on 11-11-2002 / 16:21:55	TERRES	<ANTENNA>	11
Submission under RR11.2 RRS	Processed by rackov	on Unique Identifier	t_pwr_xyz=Y	10.10.2001
for MOD / SUP /	<HEAD>	under treatment	t_pwr_ant=-7	9r, or
O-1a: Assigned fr	t_adm=MRC	>-10b: Hours of operation from (UTC) To (UTC)	t_pwr_dbw=29.3	
Particulars of the 1a: Assigned frequency	</HEAD>	7a: Designation	t_pwr_eiv=E	
2c: Date of bringing Day Month Year	<NOTICE>	Station identifier	t_ant_dir=D	
4a: Name of the licensee	t_notice_type=T11	Geographic	t_azm_max_e=116	
11: Successfully completed Symbols desired	t_action=ADD	4c: Country code	t_bmwtdth=0.9	Energy persal (kHz)
8: Type of power	t_fragment=NTFD_RR		t_gain_type=D	
8a: Power (+/-)	t_addr_code=A		t_gain_max=36.3	
9: Directivity of the antenna ND/D	t_freq_assgn= 10525		t_elev=0.5	
5a: Name of the licensee	t_site_name=MARRAKECH		t_hgt_agl=60	
	t_ctry=MRC		<RX_STATION>	information ed on a ite sheet
	t_long=-0080028		t_geo_type=POINT	
	t_lat=+313807		t_site_name=MARRAKECH	
	t_site_alt=529		t_ctry=MRC	
	t_op_hh_fr=00:00		t_long=-0081057	
	t_op_hh_to=24:00		t_lat=+314134	
	t_stn_cls=FX		</RX_STATION>	
	t_emi_cls=FXW	ix. gain (dB)	</ANTENNA>	bove ground
	t_bdwidth_cde=22M5	9j: Refer	</NOTICE>	
	t_nat_srv=CP	Geographic		
	t_d_inuse=1999-12-03	5c: Country code	<TAIL>	aximum i of the (m)
	t_d_adm_ntc=2002-02-12		t_num_notices = 1	
	t_call_sign=5HX4		</TAIL>	
	t_adm_ref_id=A20020301			Shaded areas are applicable only in certain cases
	t_is_resub=FALSE			
	t_prov=S11.2			Page ... of ...

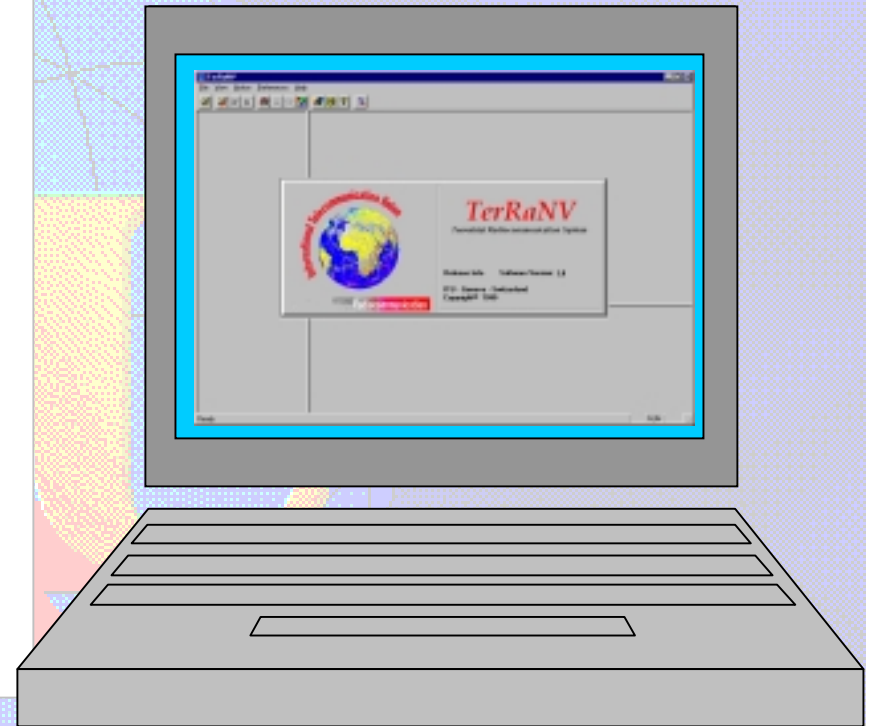
# Notice verification I

```
<ANT_DIAGR_V>
t_attn@azm000 = 3
t_attn@azm010 =
t_attn@azm020 =
t_attn@azm030 =
t_attn@azm040 =
t_attn@azm050 =
t_attn@azm060 =
t_attn@azm070 =
t_attn@azm080 =
t_attn@azm090 =
t_attn@azm100 =
t_attn@azm110 =
t_attn@azm120 =
t_attn@azm130 =
t_attn@azm140 =
t_attn@azm150 =
t_attn@azm160 =
t_attn@azm170 =
t_attn@azm180 =
t_attn@azm190 =
t_attn@azm200 =
t_attn@azm210 =
t_attn@azm220 =
t_attn@azm230 =
t_attn@azm240 =
t_attn@azm250 =
t_attn@azm260 =
t_attn@azm270 =
t_attn@azm280 =
t_attn@azm290 =
t_attn@azm300 =
t_attn@azm310 =
t_attn@azm320 =
t_attn@azm330 =
t_attn@azm340 =
t_attn@azm350 =
</ANT_DIAGR_V>
</NOTICE>
<TAIL>
t_num_notices = 1
</TAIL>
```

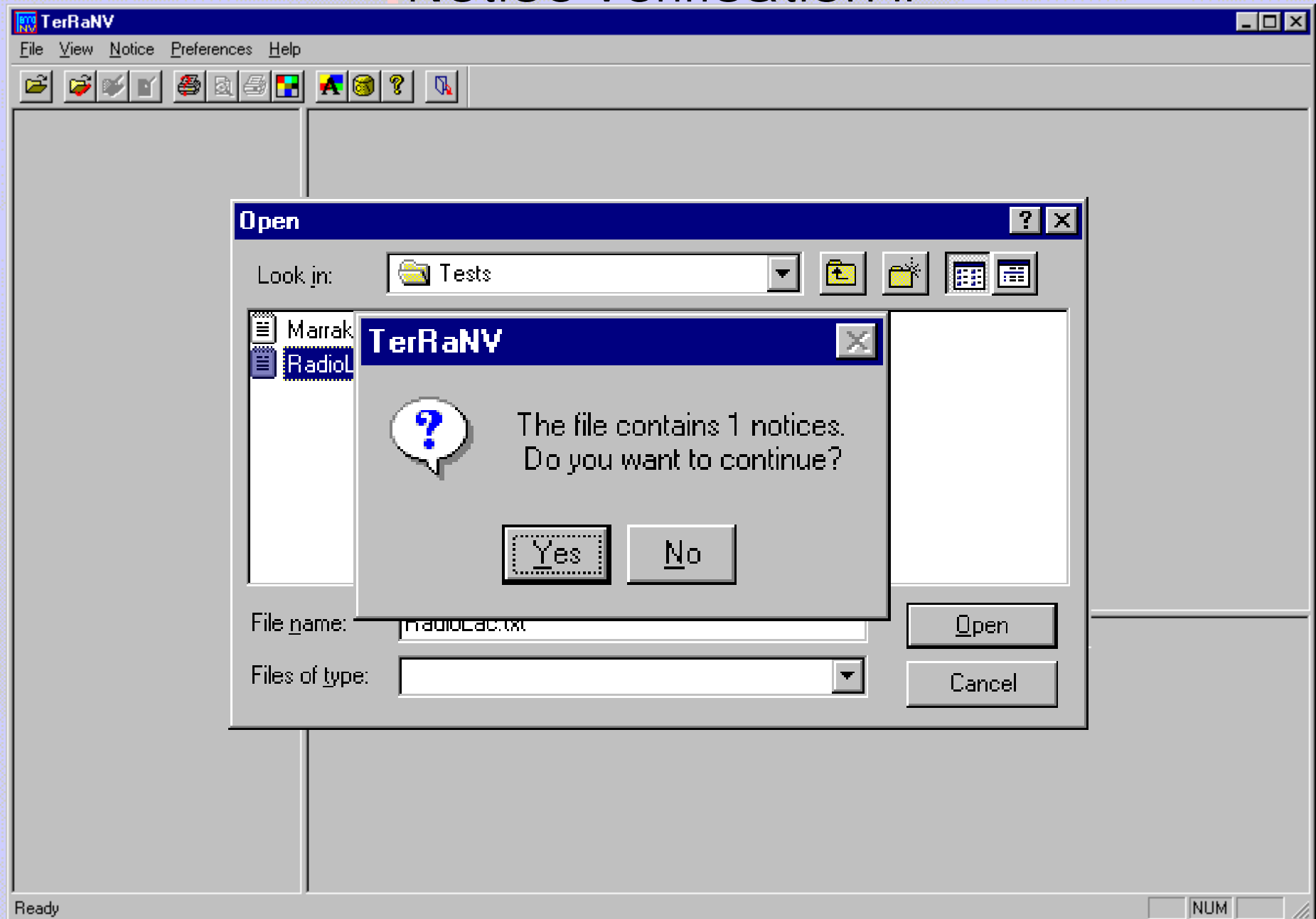
```
<ANT_DIAGR_H>
t_attn@azm000 = 3
t_attn@azm010 =
t_attn@azm020 =
t_attn@azm030 =
t_attn@azm040 =
t_attn@azm050 =
t_attn@azm060 =
t_attn@azm070 =
t_attn@azm080 =
t_attn@azm090 =
t_attn@azm100 =
t_attn@azm110 =
t_attn@azm120 =
t_attn@azm130 =
t_attn@azm140 =
t_attn@azm150 =
t_attn@azm160 =
t_attn@azm170 =
t_attn@azm180 =
t_attn@azm190 =
t_attn@azm200 =
t_attn@azm210 =
t_attn@azm220 =
t_attn@azm230 =
t_attn@azm240 =
t_attn@azm250 =
t_attn@azm260 =
t_attn@azm270 =
t_attn@azm280 =
t_attn@azm290 =
t_attn@azm300 =
t_attn@azm310 =
t_attn@azm320 =
t_attn@azm330 =
t_attn@azm340 =
t_attn@azm350 =
</ANT_DIAGR_H>
```

```
<ANT_HGT>
t_eff_hgt@azm000 = 515
t_eff_hgt@azm010 = 590
t_eff_hgt@azm020 = 620
t_eff_hgt@azm030 = 660
t_eff_hgt@azm040 = 675
t_eff_hgt@azm050 = 697
t_eff_hgt@azm060 = 691
t_eff_hgt@azm070 = 688
t_eff_hgt@azm080 = 686
t_eff_hgt@azm090 = 684
t_eff_hgt@azm100 = 700
t_eff_hgt@azm110 =
t_eff_hgt@azm120 =
t_eff_hgt@azm130 =
t_eff_hgt@azm140 =
t_eff_hgt@azm150 =
t_eff_hgt@azm160 =
t_eff_hgt@azm170 =
t_eff_hgt@azm180 =
t_eff_hgt@azm190 =
t_eff_hgt@azm200 =
t_eff_hgt@azm210 =
t_eff_hgt@azm220 =
t_eff_hgt@azm230 =
t_eff_hgt@azm240 =
t_eff_hgt@azm250 =
t_eff_hgt@azm260 =
t_eff_hgt@azm270 =
t_eff_hgt@azm280 =
t_eff_hgt@azm290 =
t_eff_hgt@azm300 =
t_eff_hgt@azm310 =
t_eff_hgt@azm320 =
t_eff_hgt@azm330 =
t_eff_hgt@azm340 = 711
t_eff_hgt@azm350 = 711
</ANT_HGT>
```

```
<HEAD>
t_d_sent = 2002-09-27
t_adm = SUI
comment = This is a BR
generated file
</HEAD>
<NOTICE>
t_notice_type=T01
t_fragment=GE84
t_action=ADD
t_adm_ref_id=19840843A
t_freq_assgn= 91.8
t_ctry=F
t_site_name=RADIO LAC
t_long=+0061200
t_lat=+460900
t_polar=M
t_erp_h_dbw=24
t_erp_v_dbw=24
t_tran_sys=4
t_hgt_agl=25
t_site_alt=1080
t_eff_hgtmax=711
t_bdwidth= 300
```



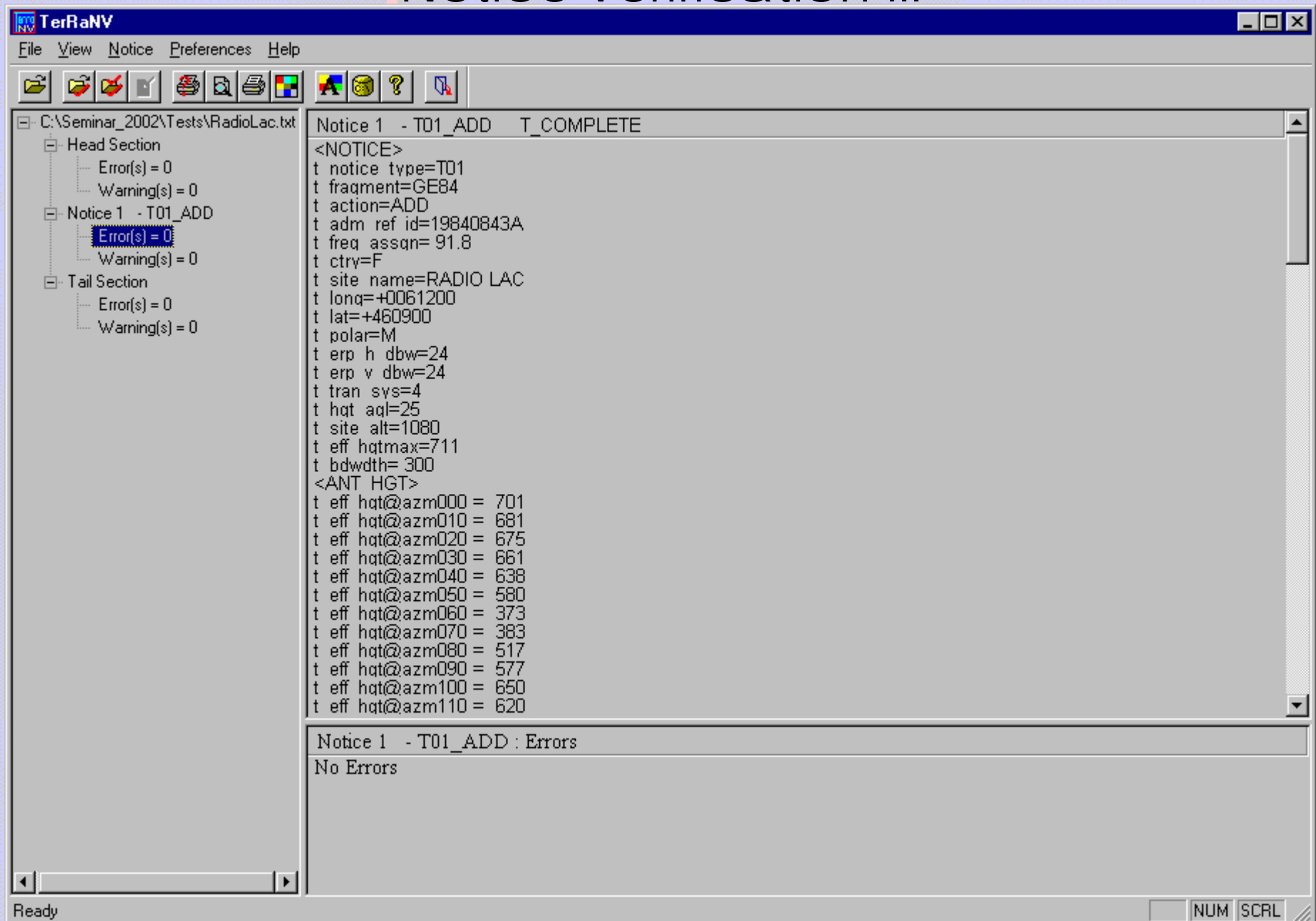
# Notice verification II



The screenshot shows the TerRaNV application window with a menu bar (File, View, Notice, Preferences, Help) and a toolbar. An "Open" dialog box is active, showing the "Tests" folder. The file name is "radiolac.txt". A warning dialog box is overlaid on top, displaying a question mark icon and the text: "The file contains 1 notices. Do you want to continue?". The "Yes" button is highlighted with a dashed border. The "Open" dialog also shows "File name: radiolac.txt" and "Files of type:" with "Open" and "Cancel" buttons. The status bar at the bottom left says "Ready" and the bottom right shows "NUM".



# Notice verification III



The screenshot shows the TerRaNV application window. The title bar reads "TerRaNV". The menu bar includes "File", "View", "Notice", "Preferences", and "Help". The toolbar contains various icons for file operations and help. The main window is divided into three panes:

- Left Pane (File Explorer):** Shows the file path "C:\Seminar\_2002\Tests\RadioLac.txt" expanded. Underneath, it shows a tree structure: "Head Section" (Error(s) = 0, Warning(s) = 0), "Notice 1 - T01\_ADD" (Error(s) = 0, Warning(s) = 0), and "Tail Section" (Error(s) = 0, Warning(s) = 0). The "Error(s) = 0" text under "Notice 1 - T01\_ADD" is highlighted in blue.
- Right Pane (Notice Content):** Displays the text of "Notice 1 - T01\_ADD T\_COMPLETE". The content is as follows:

```
<NOTICE>
t notice type=T01
t fragment=GE84
t action=ADD
t adm ref id=19840843A
t freq assqn= 91.8
t ctry=F
t site name=RADIO LAC
t longq=+0061200
t lat=+460900
t polar=M
t erp h dbw=24
t erp v dbw=24
t tran sys=4
t hqt aql=25
t site alt=1080
t eff hqtmax=711
t bdwidth= 300
<ANT HGT>
t eff hqt@azm000 = 701
t eff hqt@azm010 = 681
t eff hqt@azm020 = 675
t eff hqt@azm030 = 661
t eff hqt@azm040 = 638
t eff hqt@azm050 = 580
t eff hqt@azm060 = 373
t eff hqt@azm070 = 383
t eff hqt@azm080 = 517
t eff hqt@azm090 = 577
t eff hqt@azm100 = 650
t eff hqt@azm110 = 620
```
- Bottom Pane (Errors):** Titled "Notice 1 - T01\_ADD : Errors", it displays "No Errors".

The status bar at the bottom left shows "Ready". The bottom right corner has "NUM" and "SCRL" buttons.

# Notification IV

send notice

verify notice

validate notice

create notice

publish notice

assignment

examine notice

record assignment

**Administration**

**ITU**

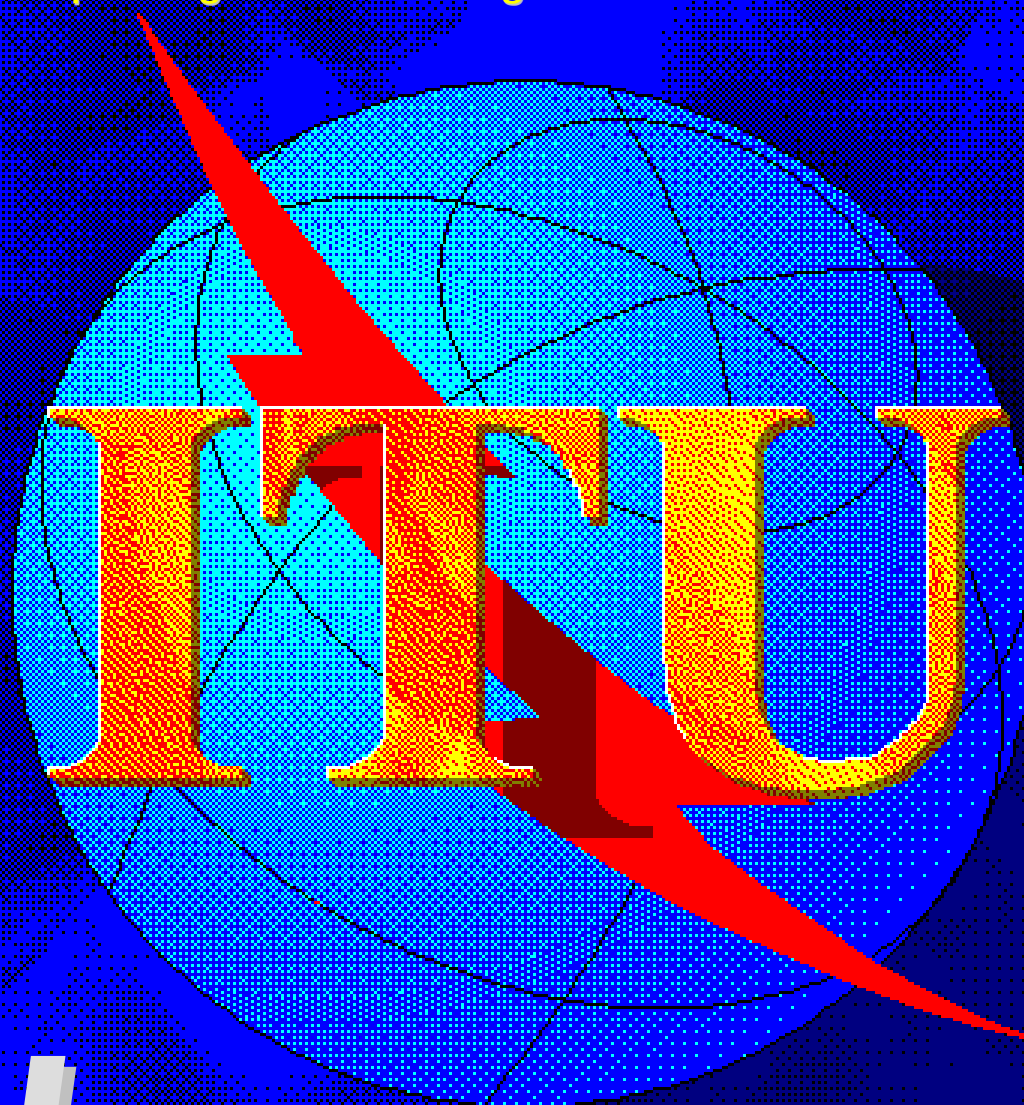
send BRIFIC

publish Extracts on WWW

ITU / EBU Workshop on Digital Broadcasting

8-10 June 2004

Sofia, Bulgaria



*The end*