

ASBU – ITU Workshop 2004  
on Digital Broadcasting

22 – 25 November 2004

Damascus, Syria



# NOTIFICATION

## Notice forms and notification formats for terrestrial services

B. Rackov,  
Radiocommunication Bureau

# Notification basics I

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

- request for agreement, in the process of coordination of an assignment,
- notification to the ITU, BR with a view to modification of a Plan, or updating the MIFR or
- submission of digital requirement for the purpose of planning exercise or production of draft Plan (RRC06)
- identification (and update of RRC relevant elements) of the assignments to be taken as a reference situation in broadcasting and in other than broadcasting services (RRC06)

## Notification basics II

All notifications to the 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 (or allotment <sup>RRC06</sup>)
- convert assignment into notice (or digital requirement <sup>RRC06</sup>)
- verify the correctness of the notice (or digital requirement <sup>RRC06</sup>)
- submit the notification to the ITU
- (follow-up, if necessary) and finally observe the ITU...
- . . . convert notice into assignment or
- . . . in context of RRC06, enter it into planning process or enter it into corresponding reference situation and take into account in the planning processing

# Difference between Notice and Assignment / Allotment

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
- **ALLOTMENT** is a set of administrative, technical and geographical parameters uniquely describing the use of a radio frequency (or a radio frequency channel) in one or more identified countries or geographical areas by one or more radio stations under specified conditions and being recorded in corresponding file or record
- **NOTICE** is the same set of administrative, technical and geographical parameters – uniquely describing a frequency assignment or allotment - in the process of being recorded in corresponding Plan or Master Register

# National Assignment

- 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 (special procedure, RR Article 12)
- Broadcasting station, sound, VHF (FM)
- Digital Broadcasting station or allotment, sound, VHF (T-DAB)<sup>RRC06</sup>
- Broadcasting station, television
- Digital Television Broadcasting station or allotment, (DVB-T)<sup>RRC06</sup>
- 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)



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# Notification I

verify  
notification

create notice or  
digital requirement

assignment  
- allotment

send notification

validate

publish – acknowledge  
the receipt

examine or process in  
planning<sup>RRC06</sup>

record assignment or enter  
requirement in Plan<sup>RRC06</sup>

## Administration

## ITU

send BRIFIC or Draft Plan<sup>RRC06</sup>

publish index on WWW



## Notification II

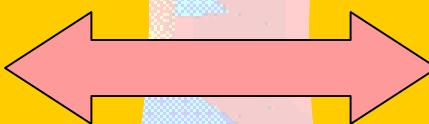
National register of  
radio frequencies  
in use (radio  
station licences)

**Administration**

**Master  
International  
Frequency  
Register**

National extract  
from the MIFR

**ITU**





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## Notification III

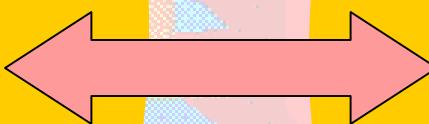
National Plan for  
the use of radio  
frequencies

Plans: ST61,  
GE75, RJ81,  
GE84, GE85,  
RJ88, GE89,  
**RRC06**

National extract  
from the Plan

**Administration**

**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's unique identifier
    - ➔ Fragment
      - FMTV (GE84, GE89, ST61, NTFD\_RR, **PLN\_EXT, RRC06**)
      - 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

## ➤ Broadcasting Service

### ➤ FM/TV

#### ➔ Basic notices

- ➔ T01
- ➔ T02

#### ➔ Additional notices

- ➔ TB1
- ➔ TB2
- ➔ TB3
- ➔ TB4
- ➔ TB5

## ➤ Broadcasting Service

### ➤ LF/MF

#### ➔ Basic notices

- ➔ T03
- ➔ T04

#### ➔ Additional notices

- ➔ TB6
- ➔ TB7
- ➔ TB8
- ➔ TB9

## ➤ Fixed & Mobile service

### ➔ Notice types

- ➔ T11
- ➔ T12
- ➔ T13
- ➔ T14
- ➔ T15
- ➔ T16
- ➔ T17

Standard notice types

total = 20

## ➤ RRC06 specific notice types

### ➔ Digital broadcasting Service

- ➔ DS1 - Digital Sound Broadcasting (T-DAB) Assignment
- ➔ DT1 - Digital Television Broadcasting (DVB-T) Assignment
- ➔ DS2 - Digital Sound Broadcasting (T-DAB) Allotment
- ➔ DT2 - Digital Television Broadcasting (DVB-T) Allotment
- ➔ DA1 - Sub Allotment Area for Digital Broadcasting

### ➔ Fixed & Mobile Service

- ➔ R06 – Identification (and update of certain RRC06 specific elements) for reference situation in other than Broadcasting primary Services

# Identify Notice Action I

- Broadcasting Service

- FM/TV

- Basic notices

- T01

- T02

- Additional notices

- TB1

- TB2

- TB3

- TB4

- TB5

|             |   |
|-------------|---|
| ➤ Actions   | ➤ To be used for                              |
| ➤ ADD / MOD | ➤ VHF BC: Plans GE84/ST61, Art.11.2, Art.9.21 |
| ➤ ADD / MOD | ➤ VHF/UHF BT: Plans GE89/ST61, Art.11.2       |

|           |                                  |
|-----------|----------------------------------|
| ➤ ADMINID | ➤ Plans GE84/GE89/ST61, Art.11.2 |
|-----------|----------------------------------|

|           |            |
|-----------|------------|
| ➤ CONFORM | ➤ Art.11.2 |
|-----------|------------|

|          |                        |
|----------|------------------------|
| ➤ PART B | ➤ Plans GE84/GE89/ST61 |
|----------|------------------------|

|         |                        |
|---------|------------------------|
| ➤ COORD | ➤ Plans GE84/GE89/ST61 |
|---------|------------------------|

|               |                                  |
|---------------|----------------------------------|
| ➤ SUPPRESS or | ➤ Plans GE84/GE89/ST61, Art.11.2 |
|---------------|----------------------------------|

WITHDRAW

## Identify Notice Action II

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

## Identify Notice Action III

- Fixed & Mobile service
- Notice types ➔ Actions
  - ➔ T11 ➔ A-M-S-W ➔ To be used for
    - ➔ 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







## Identify Notice Form III

# Fixed Service

FX

f = 4450 MHz

RR 11.2



# Fill out Notice Form II

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

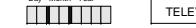
# Notification format: PAPER I

Date of notification  
Day Month Year  


FORM OF NOTICE  
VHF  
SOUND BROADCASTING STATION

**T01**

REGIONAL  
AGREEMENT  
GENEVA, 1986  or STOCKHOLM, 1992   
Article 4 Plan update

Date of notification  
Day Month Year  


Notification interval  
Additional  Mc

Administration Unique Identifier  


FOR MODIFICATIONS: IDENTIFICATION  
Administration Unique Identifier of the assignment  


Assigned frequency of the assignment  


SITE CHARACTERISTICS  
4/A/Transmitting antenna site name  


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


EMISSION CHARACTERISTICS  
1/A/Assigned frequency  
MHz kHz  


ANTENNA CHARACTERISTICS  
9/D/Directionality of antenna  
D/N/D  

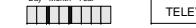

Article 11 (RR) only  
12A/Operating agency  


11/ COORDINATION SUCCESSFUL  

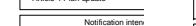

Additional remarks  


\* The notices under procedure RR 9.21 are

REGIONAL AGREEMENT  
GENEVA, 1986  or STOCKHOLM, 1992   
Article 4 Plan update

Date of notification  
Day Month Year  


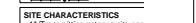
Notification interval  
Additional  Mc

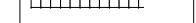
Administration Unique Identifier  


FOR MODIFICATIONS: IDENTIFICATION  
Administration Unique Identifier of the assignment  


Assigned frequency of the assignment  


SITE CHARACTERISTICS  
4/A/Transmitting antenna site name  


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


EMISSION CHARACTERISTICS  
1/A/Assigned frequency  
MHz kHz  


ANTENNA CHARACTERISTICS  
9/D/Directionality of antenna  
D/N/D  


7/C/T/Television system  
 Re  Pr  NT  SE  


ANTENNA CHARACTERISTICS  
9/D/Directionality of antenna  
D/N/D  


Article 11 (RR) only  
12A/Operating agency  


11/ COORDINATION SUCCESSFUL  


Additional remarks  


FORM OF NOTICE  
VHF/UHF  
TELEVISION BROADCASTING STATION

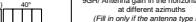
**T02**

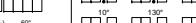
Annex to form T01 or T02

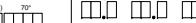
FOR MODIFICATIONS: IDENTIFICATION  
Administration Unique Identifier of the assignment  

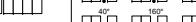

Assigned frequency of the assignment  


SITE CHARACTERISTICS  
4/A/Transmitting antenna site name  

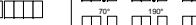

4/C/Coordinates: Longitude  
deg. min. sec. E/W  


EMISSION CHARACTERISTICS  
1/A/Assigned frequency  
MHz kHz  


ANTENNA CHARACTERISTICS  
9/D/Directionality of antenna  
D/N/D  


7/C/T/Television system  
 Re  Pr  NT  SE  


ANTENNA CHARACTERISTICS  
9/D/Directionality of antenna  
D/N/D  


Article 11 (RR) only  
12A/Operating agency  


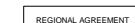
11/ COORDINATION SUCCESSFUL  

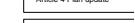

Additional remarks  


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

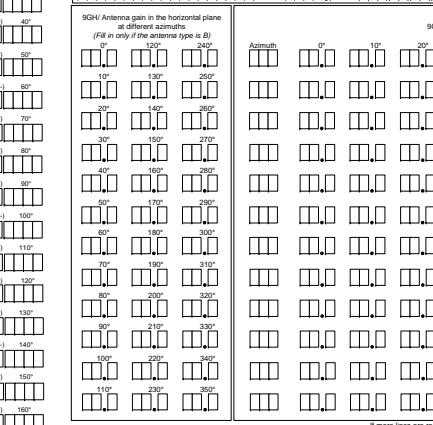
**T03**

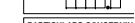
Annex to form T03

FOR MODIFICATIONS: IDENTIFICATION  
Administration Unique Identifier of the assignment  


Assigned frequency and Geographical coordinates of the assignment  
kHz deg. min. sec. E/W  


9/G/H/Antenna gain in the horizontal plane at different azimuths  
(Fill in only if the antenna type is B)



If more lines are required  


11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING  


Additional remarks  


FORM OF NOTICE  
MF SOUND BROADCASTING STATION  
Region 2

**T04**

Annex to form T04

REGIONAL AGREEMENT  
RIO DE JANEIRO, 1981  
Article 4 Plan update

Date of notification  
Day Month Year  


Notification interval  
Additional  Mc

Administration Unique Identifier  


FOR MODIFICATIONS: IDENTIFICATION  
Administration Unique Identifier of the assignment  


Assigned frequency of the assignment  


SITE CHARACTERISTICS  
4/A/Transmitting antenna site name  


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


1/A/Assigned frequency  
kHz  


9/Q/R/Type of pattern (T, M or E)  


9/P/Special quadrature factor  
mV/m HJ HH  


TOWER CHARACTERISTICS  
9/T1/No Field Phase Spacing Orientation Height Structure  
9/T2/Height Structure  
9/T3/TLSA  
9/T4/TLSB  
9/T5/TLSC  
9/T6/TLSD

9/T7/Height Structure  
9/T8/TLSA  
9/T9/TLSB  
9/T10/TLSC  
9/T11/TLSD

9/T12/Height Structure  
9/T13/TLSA  
9/T14/TLSB  
9/T15/TLSC  
9/T16/TLSD

9/T17/Height Structure  
9/T18/TLSA  
9/T19/TLSB  
9/T20/TLSC  
9/T21/TLSD

9/T22/Height Structure  
9/T23/TLSA  
9/T24/TLSB  
9/T25/TLSC  
9/T26/TLSD

9/T27/Height Structure  
9/T28/TLSA  
9/T29/TLSB  
9/T30/TLSC  
9/T31/TLSD

9/T32/Height Structure  
9/T33/TLSA  
9/T34/TLSB  
9/T35/TLSC  
9/T36/TLSD

9/T37/Height Structure  
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9/T39/TLSB  
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9/T46/TLSD

9/T47/Height Structure  
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9/T49/TLSB  
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9/T51/TLSD

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9/T56/TLSD

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9/T80/TLSC  
9/T81/TLSD

9/T82/Height Structure  
9/T83/TLSA  
9/T84/TLSB  
9/T85/TLSC  
9/T86/TLSD

9/T87/Height Structure  
9/T88/TLSA  
9/T89/TLSB  
9/T90/TLSC  
9/T91/TLSD

9/T92/Height Structure  
9/T93/TLSA  
9/T94/TLSB  
9/T95/TLSC  
9/T96/TLSD

9/T97/Height Structure  
9/T98/TLSA  
9/T99/TLSB  
9/T100/TLSC  
9/T101/TLSD

9/T102/Height Structure  
9/T103/TLSA  
9/T104/TLSB  
9/T105/TLSC  
9/T106/TLSD

9/T107/Height Structure  
9/T108/TLSA  
9/T109/TLSB  
9/T110/TLSC  
9/T111/TLSD

9/T112/Height Structure  
9/T113/TLSA  
9/T114/TLSB  
9/T115/TLSC  
9/T116/TLSD

9/T117/Height Structure  
9/T118/TLSA  
9/T119/TLSB  
9/T120/TLSC  
9/T121/TLSD

9/T122/Height Structure  
9/T123/TLSA  
9/T124/TLSB  
9/T125/TLSC  
9/T126/TLSD

9/T127/Height Structure  
9/T128/TLSA  
9/T129/TLSB  
9/T130/TLSC  
9/T131/TLSD

9/T132/Height Structure  
9/T133/TLSA  
9/T134/TLSB  
9/T135/TLSC  
9/T136/TLSD

9/T137/Height Structure  
9/T138/TLSA  
9/T139/TLSB  
9/T140/TLSC  
9/T141/TLSD

9/T142/Height Structure  
9/T143/TLSA  
9/T144/TLSB  
9/T145/TLSC  
9/T146/TLSD

9/T147/Height Structure  
9/T148/TLSA  
9/T149/TLSB  
9/T150/TLSC  
9/T151/TLSD

9/T152/Height Structure  
9/T153/TLSA  
9/T154/TLSB  
9/T155/TLSC  
9/T156/TLSD

9/T157/Height Structure  
9/T158/TLSA  
9/T159/TLSB  
9/T160/TLSC  
9/T161/TLSD

9/T162/Height Structure  
9/T163/TLSA  
9/T164/TLSB  
9/T165/TLSC  
9/T166/TLSD

9/T167/Height Structure  
9/T168/TLSA  
9/T169/TLSB  
9/T170/TLSC  
9/T171/TLSD

9/T172/Height Structure  
9/T173/TLSA  
9/T174/TLSB  
9/T175/TLSC  
9/T176/TLSD

9/T177/Height Structure  
9/T178/TLSA  
9/T179/TLSB  
9/T180/TLSC  
9/T181/TLSD

9/T182/Height Structure  
9/T183/TLSA  
9/T184/TLSB  
9/T185/TLSC  
9/T186/TLSD

9/T187/Height Structure  
9/T188/TLSA  
9/T189/TLSB  
9/T190/TLSC  
9/T191/TLSD

9/T192/Height Structure  
9/T193/TLSA  
9/T194/TLSB  
9/T195/TLSC  
9/T196/TLSD

9/T197/Height Structure  
9/T198/TLSA  
9/T199/TLSB  
9/T200/TLSC  
9/T201/TLSD

9/T202/Height Structure  
9/T203/TLSA  
9/T204/TLSB  
9/T205/TLSC  
9/T206/TLSD

9/T207/Height Structure  
9/T208/TLSA  
9/T209/TLSB  
9/T210/TLSC  
9/T211/TLSD

9/T212/Height Structure  
9/T213/TLSA  
9/T214/TLSB  
9/T215/TLSC  
9/T216/TLSD

9/T217/Height Structure  
9/T218/TLSA  
9/T219/TLSB  
9/T220/TLSC  
9/T221/TLSD

9/T222/Height Structure  
9/T223/TLSA  
9/T224/TLSB  
9/T225/TLSC  
9/T226/TLSD

9/T227/Height Structure  
9/T228/TLSA  
9/T229/TLSB  
9/T230/TLSC  
9/T231/TLSD

9/T232/Height Structure  
9/T233/TLSA  
9/T234/TLSB  
9/T235/TLSC  
9/T236/TLSD

9/T237/Height Structure  
9/T238/TLSA  
9/T239/TLSB  
9/T240/TLSC  
9/T241/TLSD

9/T242/Height Structure  
9/T243/TLSA  
9/T244/TLSB  
9/T245/TLSC  
9/T246/TLSD

9/T247/Height Structure  
9/T248/TLSA  
9/T249/TLSB  
9/T250/TLSC  
9/T251/TLSD

9/T252/Height Structure  
9/T253/TLSA  
9/T254/TLSB  
9/T255/TLSC  
9/T256/TLSD

9/T257/Height Structure  
9/T258/TLSA  
9/T259/TLSB  
9/T260/TLSC  
9/T261/TLSD

9/T262/Height Structure  
9/T263/TLSA  
9/T264/TLSB  
9/T265/TLSC  
9/T266/TLSD

9/T267/Height Structure  
9/T268/TLSA  
9/T269/TLSB  
9/T270/TLSC  
9/T271/TLSD

9/T272/Height Structure  
9/T273/TLSA  
9/T274/TLSB  
9/T275/TLSC  
9/T276/TLSD

9/T277/Height Structure  
9/T278/TLSA  
9/T279/TLSB  
9/T280/TLSC  
9/T281/TLSD

9/T282/Height Structure  
9/T283/TLSA  
9/T284/TLSB  
9/T285/TLSC  
9/T286/TLSD

9/T287/Height Structure  
9/T288/TLSA  
9/T289/TLSB  
9/T290/TLSC  
9/T291/TLSD

9/T292/Height Structure  
9/T293/TLSA  
9/T294/TLSB  
9/T295/TLSC  
9/T296/TLSD

9/T297/Height Structure  
9/T298/TLSA  
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9/T300/TLSC  
9/T301/TLSD

9/T302/Height Structure  
9/T303/TLSA  
9/T304/TLSB  
9/T305/TLSC  
9/T306/TLSD

9/T307/Height Structure  
9/T308/TLSA  
9/T309/TLSB  
9/T310/TLSC  
9/T311/TLSD

9/T312/Height Structure  
9/T313/TLSA  
9/T314/TLSB  
9/T315/TLSC  
9/T316/TLSD

9/T317/Height Structure  
9/T318/TLSA  
9/T319/TLSB  
9/T320/TLSC  
9/T321/TLSD

9/T322/Height Structure  
9/T323/TLSA  
9/T324/TLSB  
9/T325/TLSC  
9/T326/TLSD

9/T327/Height Structure  
9/T328/TLSA  
9/T329/TLSB  
9/T330/TLSC  
9/T331/TLSD

9/T332/Height Structure  
9/T333/TLSA  
9/T334/TLSB  
9/T335/TLSC  
9/T336/TLSD

9/T337/Height Structure  
9/T338/TLSA  
9/T339/TLSB  
9/T340/TLSC  
9/T341/TLSD

9/T342/Height Structure  
9/T343/TLSA  
9/T344/TLSB  
9/T345/TLSC  
9/T346/TLSD

9/T347/Height Structure  
9/T348/TLSA  
9/T349/TLSB  
9/T350/TLSC  
9/T351/TLSD

9/T352/Height Structure  
9/T353/TLSA  
9/T354/TLSB  
9/T355/TLSC  
9/T356/TLSD

9/T357/Height Structure  
9/T358/TLSA  
9/T359/TLSB  
9/T360/TLSC  
9/T361/TLSD

9/T362/Height Structure  
9/T363/TLSA  
9/T364/TLSB  
9/T365/TLSC  
9/T366/TLSD

9/T367/Height Structure  
9/T368/TLSA  
9/T369/TLSB  
9/T370/TLSC  
9/T371/TLSD

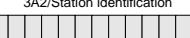
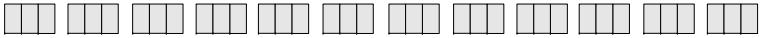
9/T372/Height Structure  
9/T373/TLSA  
9/T374/TLSB  
9/T375/TLSC  
9/T376/TLSD

9/T377/Height Structure  
9/T378/TLSA  
9/T379/TLSB  
9/T380/TLSC  
9/T381/TLSD

9/T382/Height Structure  
9/T383/TLSA  
9/T384/TLSB  
9/T385/TLSC  
9/T386/TLSD



## How to ... BC manually?

|  |  |   |   |            |
|--|--|---|---|------------|
| Date of notification<br>Day Month Year<br><b>11 11 2002</b>  | <b>FORM OF NOTICE</b><br>VHF<br>SOUND BROADCASTING STATION |   |   | <b>T01</b> |
| REGIONAL AGREEMENT GENEVA, 1984 <input checked="" type="checkbox"/> or Article 4 Plan update    REGIONAL AGREEMENT STOCKHOLM, 1961 <input type="checkbox"/> or Article 4 Plan update    Article 11 (RR) RR 9.21 REQUEST FOR COORDINATION *    For BR use only  |  |   |   |            |
| Notification intended for<br>Addition <input checked="" type="checkbox"/> Modification <input type="checkbox"/><br>Administration Unique Identifier <b>19840843A</b>   |  | B/<br>notifying<br>administration<br><b>SUI</b> | 3A1/Call sign<br><br>3A2/Station identification<br> |            |
| <b>FOR MODIFICATIONS: IDENTIFICATION OF THE ASSIGNMENT TO BE MODIFIED</b><br>Administration Unique Identifier of the assignment to be modified<br>  |  |   |   |            |
| Geographical coordinates of the assignment to be modified<br>Longitude deg. min. sec. E/W    Latitude deg. min. sec. N/S<br>   |  |   |   |            |
| <b>SITE CHARACTERISTICS</b><br>4A/Transmitting antenna site name <b>RADIO LAC</b> 4B/Geographic area <b>F</b><br>4C/Coordinates: Longitude deg. min. sec. E/W    Latitude deg. min. sec. N/S<br><b>006 12 00 E 46 09 00 N</b>  |  |   |   |            |
| <b>EMISSION CHARACTERISTICS</b><br>1A/Assigned frequency MHz <b>91 80</b> 7A1/Necessary bandwidth kHz <b>300</b> 9D Polarisation H/V/M <b>M</b> 8BH/Horizontal (+/-) <b>+24 . 0</b> 8BV/Vertical (+/-) <b>+24 . 0</b> 7D/Transmission system <b>4</b>  |  |   |   |            |
| <b>ANTENNA CHARACTERISTICS</b><br>9/Directivity of antenna D/N/D <b>D</b> 9E/Height of antenna above ground level, m <b>25</b> 9EB/Maximum effective antenna height, m (+/-) <b>+ 711</b>  |  |   |   |            |
| Article 11 (RR) only    12A Operating agency    12B Address code    10B/ Regular hours of operation From (UTC) : Hour minute To (UTC) : Hour minute    2C/ Date of bringing into use Day Month Year<br> <br> <br>   |  |   |   |            |
| 11/ COORDINATION SUCCESSFULLY COMPLETED WITH THE FOLLOWING ADMINISTRATIONS<br>  |  |   |   |            |
| Additional remarks   |  |   |   |            |

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

Annex to form T01 or T02
 

|  |   |
|--|---|
| Administration Unique Identifier of the assignment | Assigned frequency and Geographical coordinates of the assignment |
| MHz  | deg. min. sec. E/W    deg. min. sec. N/S                          |
| <b>91 80</b>                                       | <b>006 12 00 E 46 09 00 N</b>                                     |

|   |                          |
|---|--------------------------|
| 9EC/Effective antenna height at different azimuths, m (do not fill in if all values are equal to the maximum effective antenna height)  |                          |
| (+/-) 0° <b>+ 0701</b>  | (+/-) 180° <b>+ 0300</b> |
| (+/-) 10° <b>+ 0681</b>   | (+/-) 190° <b>+ 0220</b> |
| (+/-) 20° <b>+ 0675</b>   | (+/-) 200° <b>+ 0175</b> |
| (+/-) 30° <b>+ 0661</b>   | (+/-) 210° <b>+ 0132</b> |
| (+/-) 40° <b>+ 0638</b>   | (+/-) 220° <b>+ 0230</b> |
| (+/-) 50° <b>+ 0580</b>   | (+/-) 230° <b>+ 0320</b> |
| (+/-) 60° <b>+ 0373</b>   | (+/-) 240° <b>+ 0515</b> |
| (+/-) 70° <b>+ 0383</b>   | (+/-) 250° <b>+ 0590</b> |
| (+/-) 80° <b>+ 0517</b>   | (+/-) 260° <b>+ 0620</b> |
| (+/-) 90° <b>+ 0577</b>   | (+/-) 270° <b>+ 0660</b> |
| (+/-) 100° <b>+ 0650</b>  | (+/-) 280° <b>+ 0675</b> |
| (+/-) 110° <b>+ 0620</b>  | (+/-) 290° <b>+ 0697</b> |
| (+/-) 120° <b>+ 0590</b>  | (+/-) 300° <b>+ 0691</b> |
| (+/-) 130° <b>+ 0525</b>  | (+/-) 310° <b>+ 0688</b> |
| (+/-) 140° <b>+ 0460</b>  | (+/-) 320° <b>+ 0686</b> |
| (+/-) 150° <b>+ 0335</b>  | (+/-) 330° <b>+ 0684</b> |
| (+/-) 160° <b>+ 0320</b>  | (+/-) 340° <b>+ 0700</b> |
| (+/-) 170° <b>+ 031</b>   | (+/-) 350° <b>+ 0711</b> |
| 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) |                          |
| (+/-) 0° <b>3 0</b>   | (+/-) 180° <b>20 0</b>   |
| (+/-) 10° <b>5 0</b>  | (+/-) 190° <b>20 0</b>   |
| (+/-) 20° <b>7 0</b>  | (+/-) 200° <b>20 0</b>   |
| (+/-) 30° <b>9 0</b>  | (+/-) 210° <b>20 0</b>   |
| (+/-) 40° <b>12 0</b>   | (+/-) 220° <b>18 0</b>   |
| (+/-) 50° <b>15 0</b>   | (+/-) 230° <b>15 0</b>   |
| (+/-) 60° <b>18 0</b>   | (+/-) 240° <b>12 0</b>   |
| (+/-) 70° <b>20 0</b>   | (+/-) 250° <b>9 0</b>    |
| (+/-) 80° <b>20 0</b>   | (+/-) 260° <b>7 0</b>    |
| (+/-) 90° <b>20 0</b>   | (+/-) 270° <b>5 0</b>    |
| (+/-) 100° <b>20 0</b>  | (+/-) 280° <b>3 0</b>    |
| (+/-) 110° <b>20 0</b>  | (+/-) 290° <b>2 0</b>    |
| (+/-) 120° <b>20 0</b>  | (+/-) 300° <b>1 0</b>    |
| (+/-) 130° <b>20 0</b>  | (+/-) 310° <b>0 0</b>    |
| (+/-) 140° <b>20 0</b>  | (+/-) 320° <b>0 0</b>    |
| (+/-) 150° <b>20 0</b>  | (+/-) 330° <b>0 0</b>    |
| (+/-) 160° <b>20 0</b>  | (+/-) 340° <b>1 0</b>    |
| (+/-) 170° <b>20 0</b>  | (+/-) 350° <b>2 0</b>    |
| 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° <b>3 0</b>   | (+/-) 180° <b>20 0</b>   |
| (+/-) 10° <b>5 0</b>  | (+/-) 190° <b>20 0</b>   |
| (+/-) 20° <b>7 0</b>  | (+/-) 200° <b>20 0</b>   |
| (+/-) 30° <b>9 0</b>  | (+/-) 210° <b>20 0</b>   |
| (+/-) 40° <b>12 0</b>   | (+/-) 220° <b>18 0</b>   |
| (+/-) 50° <b>15 0</b>   | (+/-) 230° <b>15 0</b>   |
| (+/-) 60° <b>18 0</b>   | (+/-) 240° <b>12 0</b>   |
| (+/-) 70° <b>20 0</b>   | (+/-) 250° <b>9 0</b>    |
| (+/-) 80° <b>20 0</b>   | (+/-) 260° <b>7 0</b>    |
| (+/-) 90° <b>20 0</b>   | (+/-) 270° <b>5 0</b>    |
| (+/-) 100° <b>20 0</b>  | (+/-) 280° <b>3 0</b>    |
| (+/-) 110° <b>20 0</b>  | (+/-) 290° <b>2 0</b>    |
| (+/-) 120° <b>20 0</b>  | (+/-) 300° <b>1 0</b>    |
| (+/-) 130° <b>20 0</b>  | (+/-) 310° <b>0 0</b>    |
| (+/-) 140° <b>20 0</b>  | (+/-) 320° <b>0 0</b>    |
| (+/-) 150° <b>20 0</b>  | (+/-) 330° <b>0 0</b>    |
| (+/-) 160° <b>20 0</b>  | (+/-) 340° <b>1 0</b>    |
| (+/-) 170° <b>20 0</b>  | (+/-) 350° <b>2 0</b>    |

# How to ... FXM, manually?

| Date of notification<br>Day Month Year  |   | B: Notifying Administration                | Notification intended for<br>of an assignment |  |                          | ADD                      | MOD  | SUP                 | FORM OF NOTICE<br>TERRESTRIAL TRANSMITTING STATION (TX) IN THE FIXED SERVICE<br>(RR APPENDIX 4, ANNEXES 1A AND 1B) |  |                                  |                               |  |  |  |                 |  |                       | T11<br>10.10.2001                                   |  |                                     |                       |   |  |  |
|---|---|--|---|--|--------------------------|--------------------------|--|---------------------|--|--|----------------------------------|-------------------------------|--|--|--|-----------------|--|-----------------------|---|--|-------------------------------------|-----------------------|---|--|--|
| 12  | 02                                      | 2002                                       | MRC   | (For BR use only)                            |                          |                          |  |                     |  |  |                                  |                               |  |  |  |                 |  |                       |   |  |                                     |                       |   |  |  |
| Submission under the provisions of<br>RR11.2 RR9.21   |   |  | <input checked="" type="checkbox"/>           | <input type="checkbox"/>                     | <input type="checkbox"/> | First notification       |  |                     | Re-submission  | Withdrawal of a notice                         | Administration Unique Identifier |                               |  | Previously recorded Administration Unique Identifier, or |  |                 |  |                       |   |  |                                     |                       |   |  |  |
|   |   |  | <input 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<br>k/M/G   |   | O-6a: Class of station                     |   | O-7a: Designation of emission                |                          | O-7b: Class of operation | O-10b: Hours of operation<br>From (UTC) To (UTC) |                     | O-4c: Coordinates (Longitude/Latitude)<br>deg. min. sec. E/W deg. min. sec. N/S                                    |  |                                  |                               |  |  |  |                 |  |                       |   |  |                                     |                       |   |  |  |
|   |   |  |   |  |                          | (A/B/C)                  |  |                     |  |  |                                  |                               |  |  |  |                 |  |                       |   |  |                                     |                       |   |  |  |
| Particulars of the assignment   |   |  |   |  |                          |                          |  |                     |  |  |                                  |                               |  |  |  |                 |  |                       |   |  |                                     |                       |   |  |  |
| 1a: Assigned frequency<br>k/M/G   |   | 1b: Reference (carrier) frequency<br>k/M/G |   | 6a: Class of station                         |                          | 6b: Nature of service    | 7a: Designation of emission                      |                     | 7b: Class of operation   | 10b: Hours of operation<br>From (UTC) To (UTC) |                                  | 7e: Frequency deviation (MHz) |  | 7f: Energy dispersal (kHz)                               |  |                 |  |                       |   |  |                                     |                       |   |  |  |
| 10525000 M Hz   |   |  |   | FX   |                          | CP                       | 22M5 FXW   |                     |  | 0000 2400                                      |                                  |                               |  |  |  |                 |  |                       |   |  |                                     |                       |   |  |  |
| 2c: Date of bringing into use<br>Day Month Year   |   | 3a: Call Sign                              |   | or Station identification (RR Art.19)        |                          |                          |  |                     |  |  |                                  |                               |  |  |  |                 |  |                       |   |  |                                     |                       |   |  |  |
| 03 12 1999  |   | 5HX4                                       |   |  |                          |                          |  |                     |  |  |                                  |                               |  |  |  |                 |  |                       |   |  |                                     |                       |   |  |  |
| 4a: Name of the location of the transmitting station  |   |  |   |  |                          |                          |  | 4b: Geographic area | 4c: Coordinates (Longitude / Latitude)<br>deg. min. sec. E/W deg. min. sec. N/S                                    |  |                                  |                               |  |  |  |                 |  |                       | 9a: Altitude of site above sea level<br>+/- + 529 m |  |                                     |                       |   |  |  |
| MARRAKECH   |   |  |   |  |                          |                          |  | MRC                 | 008 0028 W 31 38 07 N  |  |                                  |                               |  |  |  |                 |  |                       |   |  |                                     |                       |   |  |  |
| 11: Successfully completed coordination with other Administrations<br>Symbols designating the Administration      |   |  |   |  |                          |                          |  |                     |  |  |                                  |                               |  |  |  |                 |  | 12a: Operating agency | 12b: Address code of Administration                 | Other information (supplied on a separate sheet) |                                     |                       |   |  |  |
| Y X/Y/Z   | - 70                                    | + 293                                      | E   |  |                          |                          |  |                     |  |  |                                  |                               |  | A  |  |                 |  |                       |   |  |                                     |                       |   |  |  |
| 8: Type of power  | 8a: Power to the antenna<br>(+/-) (dBW) | 8b: Radiated power<br>(+/-) (dBW)          | (E/I)   | 8ab: Maximum power density<br>(+/-) (dBW/Hz) |                          |                          |  |                     |  |  |                                  |                               |  |  |  |                 |  |                       | 9g: Max. gain (D/I) (dB)                            | 9j: Reference antenna                            | 9b: Elevation angle<br>(+/-) (deg.) | 9d: Polarization code | 9e: Height above ground level<br>+/- + 60 m | 5g: Maximum length of the circuit (km) |  |
| D ND/D  | 116                                     |  |   | 09   |                          |                          |  |                     |  |  |                                  |                               |  |  |  |                 |  |                       | D 363   |  | 05                                  | H                     |   |  |  |
| 5a: Name of the location of the receiving station(s)  |   |  |   |  |                          |                          |  | 5b: Geographic area | 5c: Coordinates (Longitude / Latitude)<br>deg. min. sec. E/W deg. min. sec. N/S                                    |  |                                  |                               |  |  |  |                 |  |                       | 9k: Receiving system noise temperature (K)          |  |                                     |                       |   |  |  |
| MARRAKECH   |   |  |   |  |                          |                          |  | MRC                 | 008 10 57 W 31 41 34 N   |  |                                  |                               |  |  |  |                 |  |                       |   |  |                                     |                       |   |  |  |
| Note: Shaded fields are applicable only in certain cases  |   |  |   |  |                          |                          |  |                     |  |  |                                  |                               |  |  |  |                 |  |                       |   |  |                                     |                       |   |  |  |
|   |   |  |   |  |                          |                          |  |                     |  |  |                                  |                               |  |  |  | Page ... of ... |  |                       |   |  |                                     |                       |   |  |  |

# Notification format: ELECTRONIC

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=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\_bdwth\_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_bmwth=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

```
<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_bdwdth_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_bmwdth=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>
```

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

# How to ... BC using DCap\_BCBT\_An?

**T01-m VHF Sound Broadcasting Station - Data Capture - RRC-04 Dcap BCBT Analog Version 1.60 / 23.07.2004**

|   |                       |                                       |                            |   |  |                     |                    |  |    |    |   |
|---|-----------------------|---------------------------------------|----------------------------|---|--|---------------------|--------------------|--|----|----|---|
| Date of Notification  | 03 10 2004            | <input checked="" type="radio"/> G864 | <input type="radio"/> ST61 | <input type="radio"/> Art. 11                             | Administration's unique ID of the notice | B 19840843A SUI 3A1 | 3A2                | <b>File name</b><br>C:\RRC04\SEMINAR2004\T01M-200410 3-152928-Borislav.txt |    |    |   |
|   |                       |                                       |                            |   |  |                     |                    | <b>Notice Number</b><br>1  |    |    |   |
|   |                       |                                       |                            |   |  |                     |                    | <b>Save/Next</b>   |    |    |   |
|   |                       |                                       |                            |   |  |                     |                    | <b>Finish</b>  |    |    |   |
|   |                       |                                       |                            |   |  |                     |                    | <b>Reset</b>   |    |    |   |
|   |                       |                                       |                            |   |  |                     |                    | <input checked="" type="checkbox"/> Do NOT Clear ALL values                |    |    |   |
|   |                       |                                       |                            |   |  |                     |                    | <input checked="" type="checkbox"/> Data validation (level 1)              |    |    |   |
| <b>4A</b><br>RADIO LAC  |                       |                                       |                            | <b>4B</b><br>F  | <b>4C</b> Longitude E/W                  | Latitude N/S        | <b>9EA</b><br>1080 | <b>Notified remarks</b><br>Mont Salève                                     |    |    |   |
| <b>1A</b><br>91.8   | <b>7A0</b><br>300 kHz | <b>9D</b><br>M                        | <b>8BH</b><br>24           | <b>8BV</b><br>24  | <b>7D</b><br>4                           |                     |                    |  |    |    |   |
| <b>9</b><br>D   | <b>9E</b><br>25 [m]   | <b>9EB</b><br>711 [m]                 |                            |   |  |                     |                    |  |    |    |   |
| 11 - Coordination successfully completed with the following administrations |                       |                                       |                            |   |  |                     |                    | <b>Internal remarks</b><br>This is Seminar DEMO                            |    |    |   |
| <b>9EC</b><br>0° - 80° 90° - 170° 180° - 260° 270° - 350°                   |                       |                                       |                            | <b>9NH</b><br>0° - 80° 90° - 170° 180° - 260° 270° - 350° |  |                     |                    | <b>9NV</b><br>0° - 80° 90° - 170° 180° - 260° 270° - 350°                  |    |    |   |
| 701   | 577                   | 300                                   | 660                        | 3   | 20                                       | 20                  | 5                  | 3  | 20 | 20 | 5 |
| 681   | 650                   | 220                                   | 675                        | 5   | 20                                       | 20                  | 3                  | 5  | 20 | 20 | 3 |
| 675   | 620                   | 175                                   | 697                        | 7   | 20                                       | 20                  | 2                  | 7  | 20 | 20 | 2 |
| 661   | 590                   | 132                                   | 691                        | 9   | 20                                       | 20                  | 1                  | 9  | 20 | 20 | 1 |
| 638   | 525                   | 230                                   | 688                        | 12  | 20                                       | 18                  | 0                  | 12   | 20 | 18 | 0 |
| 580   | 460                   | 320                                   | 686                        | 15  | 20                                       | 15                  | 0                  | 15   | 20 | 15 | 0 |
| 373   | 335                   | 515                                   | 684                        | 18  | 20                                       | 12                  | 0                  | 18   | 20 | 12 | 0 |
| 383   | 320                   | 590                                   | 700                        | 20  | 20                                       | 9                   | 1                  | 20   | 20 | 9  | 1 |
| 517   | 310                   | 620                                   | 711                        | 20  | 20                                       | 7                   | 2                  | 20   | 20 | 7  | 2 |



## ASBU - ITU Workshop 2004 on Digital Broadcasting

22-25 November 2004

Damascus, Syria

T01M-2004103-152928-Borislav.txt

Date of notification  
Day Month Year

File captured on 10/3/04-  
3:48:09 PM  
Processed by Borislav  
Program Id: RRC-04 Dcap  
BCBT Analog Version 1.60 /  
23.07.2004

```
<HEAD>
t_adm = SUI
</HEAD>
<NOTICE>
t_remarks = Mont Salève
int_remarks = This is
Seminar DEMO
Notice No = 1
t_notice_type = T01
t_d_adm_ntc = 2004-10-03
t_fragment = GE84
t_action = ADD
t_site_name = RADIO LAC
t_ctry = F
t_adm_ref_id = 19840843A
t_freq_assgn = 91.8
t_long = +0061200
t_lat = +460900
t_site_alt = 1080
t_polar = M
t_erp_h_dbw = 24
t_erp_v_dbw = 24
t_tran_sys = 4
t_bwdth = 300
t_hgt_agl = 25
t_eff_hgtmax = 711
```

11/ COORDINATION SUCCESSFULLY COMPLETED WITH

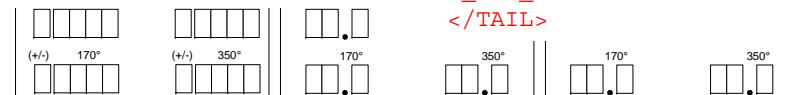
Additional remarks

\* 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

# BC using DCap BCBT

|            |                        |
|------------|------------------------|
| F          | <ANT_HGT>              |
| SOUND BI   | t_eff_hgt@azm000 = 701 |
| Arti       | t_eff_hgt@azm010 = 681 |
| NO Mas     | t_eff_hgt@azm020 = 675 |
| ε          | t_eff_hgt@azm030 = 661 |
| SIGN       | t_eff_hgt@azm040 = 638 |
| de mc      | t_eff_hgt@azm050 = 580 |
| Hz         | 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 |
| N/S        | t_eff_hgt@azm190 = 220 |
|            | t_eff_hgt@azm200 = 175 |
|            | t_eff_hgt@azm210 = 132 |
|            | t_eff_hgt@azm220 = 230 |
| xn         | t_eff_hgt@azm230 = 320 |
|            | t_eff_hgt@azm240 = 515 |
|            | t_eff_hgt@azm250 = 590 |
| height gro | 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>             |

|         |                    |
|---------|--------------------|
| m       | <ANT_DIAGR_H>      |
| ssign   | t_attn@azm000 = 3  |
| Mt      | t_attn@azm010 = 5  |
| ifferen | t_attn@azm020 = 7  |
| compc   | t_attn@azm030 = 9  |
| horizo  | t_attn@azm040 = 12 |
| enna is | 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>            |



BR/TSD/TPR -T01-2002.1-E

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



# How to ... using FXM DCap

# How to ... using FXM DCap

**T11 Terrestrial Transmitting Station (TX) in the Fixed Service (RR Appendix 4, Annexes 1A and 1B)**

|              |   |                              |   |                             |                                    |                                       |                             |                           |                                |   |          |     |      |      |     |          |     |    |
|--------------|---|------------------------------|---|-----------------------------|------------------------------------|---------------------------------------|-----------------------------|---------------------------|--------------------------------|---|----------|-----|------|------|-----|----------|-----|----|
| Date<br>Day  | 12  | 02                           | 2002  | Notifying<br>Administration | MRC                                | <input checked="" type="radio"/> Add  | <input type="radio"/> Mod   | <input type="radio"/> Sup | <input type="radio"/> Withdraw | Previously recorded<br>Administration unique ID |          |     |      |      |     |          |     |    |
| Provision    | <input checked="" type="radio"/> RR11.2                       | <input type="radio"/> RR9.21 | <input checked="" type="radio"/> First notification |                             | <input type="radio"/> Resubmission | Administration unique ID<br>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                          | FX                                 | CP                                    |                             | 7a                        | 22M5                           | 7b  | FXW--    | 10b | 0000 | 2400 | 7e  |          | 7f  |    |
| 2c           | 03  | 12                           | 1999  | 3a                          | or Station identification (RR S19) |                                       |                             |                           |                                |   |          |     |      |      |     |          |     |    |
| 4a           | MARRAKESH   |                              |   |                             |                                    | 4b                                    | 008                         | 00                        | 28                             | E/W   | latitude | N/S | 9ea  | 529  |     |          |     |    |
| 8            | Y   | -7.0                         | 8a  | 29.3                        | EIV                                | 8ab                                   | Antenna section number<br>1 |                           |                                |   |          |     |      |      |     |          | Add |    |
| 9            | D   | 116                          | 9a  | (from)                      | (to)                               | 9c                                    | D                           | 36.3                      | 9j                             | 9b  | 0.5      | 9d  | H    | 9e   | 60  | 5g       |     |    |
| 5a           | Name of the location of the receiving station(s)<br>MARRAKECH |                              |   |                             |                                    |                                       |                             |                           |                                |   | 5b       | 008 | 10   | 57   | E/W | latitude | N/S | 9k |
| 5c longitude | W   | 31                           | 41  | 34                          | N                                  |                                       |                             |                           |                                |   |          |     |      |      |     |          |     |    |
| 5d latitude  | S   | 23                           | 35  | 12                          | S                                  |                                       |                             |                           |                                |   |          |     |      |      |     |          |     |    |
| 5e N/S       |   |                              |   |                             |                                    |                                       |                             |                           |                                |   |          |     |      |      |     |          |     |    |
| 5f Remarks   |   |                              |   |                             |                                    |                                       |                             |                           |                                |   |          |     |      |      |     |          |     |    |

Output Filename  
T11-2004112-152:  
  
Notice number  
1  
  
Save notice  
Next >>  
  
End of group  
Finish  
  
Clear screen  
Reset  
  
Remarks  
  
Page ... of ...



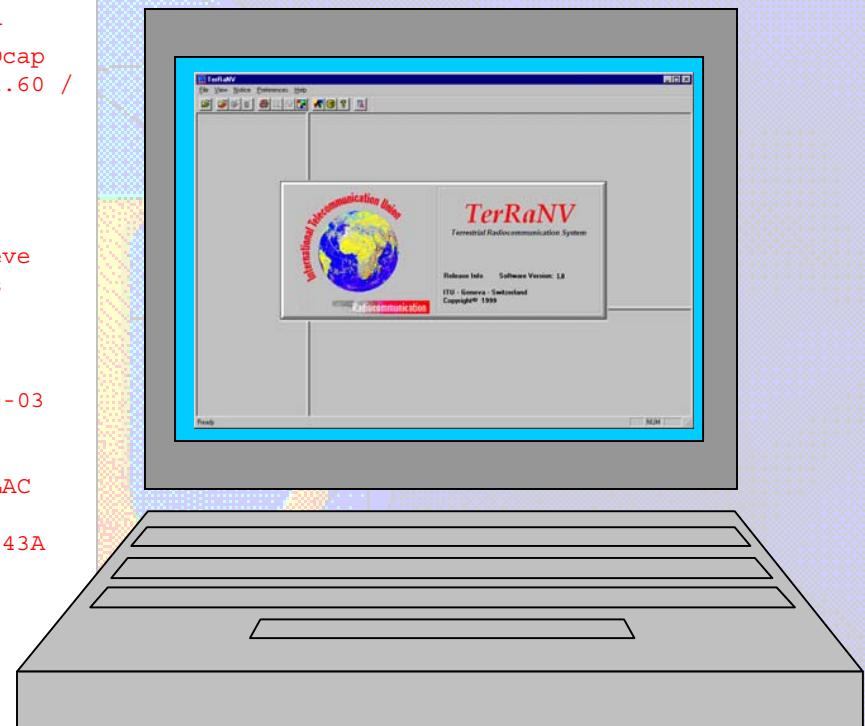


# Notice verification I

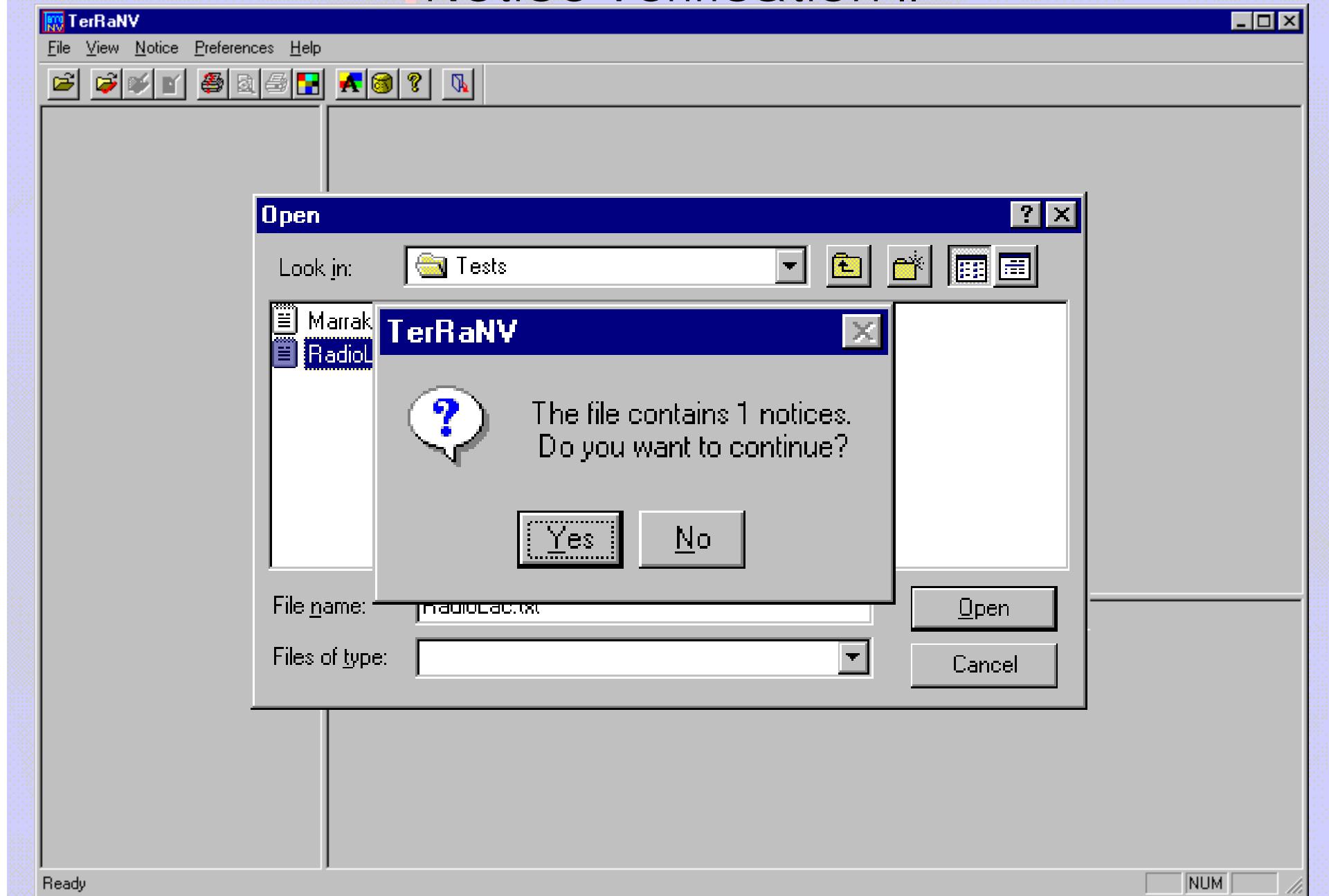
```
<ANT_DIAGR_V>
t_attn@azm000 = 3
t_attn@azm10 =
t_attn@azm20 =
t_attn@azm30 =
t_attn@azm40 =
t_attn@azm50 =
t_attn@azm60 =
t_attn@azm70 =
t_attn@azm80 =
t_attn@azm90 =
t_attn@azm100 =
t_attn@azm110 =
t_attn@azm120 =
t_attn@azm130 =
t_attn@azm140 =
t_attn@azm150 =
t_attn@azm160 =
t_attn@azm170 =
t_attn@azm180 =
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 =
</TAIL>
```

```
<ANT_DIAGR_H>
t_attn@azm000 = 3
t_attn@azm10 =
t_attn@azm20 =
t_attn@azm30 =
t_attn@azm40 =
t_attn@azm50 =
t_attn@azm60 =
t_attn@azm70 =
t_attn@azm80 =
t_attn@azm90 =
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>
```

```
File captured on 10/3/04-
3:48:09 PM
Processed by Borislav
Program Id: RRC-04 Dcap
BCBT Analog Version 1.60 /
23.07.2004
<HEAD>
t_adm = SUI
</HEAD>
<NOTICE>
t_remarks = Mont Salève
int_remarks = This is
Seminar DEMO
Notice No = 1
t_notice_type = T01
t_d_adm_ntc = 2004-10-03
t_fragment = GE84
t_action = ADD
t_site_name = RADIO LAC
t_ctry = F
t_adm_ref_id = 19840843A
t_freq_assgn = 91.8
t_long = +0061200
t_lat = +460900
t_site_alt = 1080
t_polar = M
t_erp_h_dbw = 24
t_erp_v_dbw = 24
t_tran_sys = 4
t_bdwth = 300
t_hgt_agl = 25
t_eff_hgtmax = 711
t_eff_hgt@azm000 = 701
t_eff_hgt@azm010 = 701
t_eff_hgt@azm020 = 701
t_eff_hgt@azm030 = 701
t_eff_hgt@azm040 = 701
t_eff_hgt@azm050 = 701
t_eff_hgt@azm060 = 701
t_eff_hgt@azm070 = 701
t_eff_hgt@azm080 = 701
t_eff_hgt@azm090 = 701
t_eff_hgt@azm100 = 701
t_eff_hgt@azm110 = 701
t_eff_hgt@azm120 = 701
t_eff_hgt@azm130 = 701
t_eff_hgt@azm140 = 701
t_eff_hgt@azm150 = 701
t_eff_hgt@azm160 = 701
t_eff_hgt@azm170 = 701
t_eff_hgt@azm180 = 701
t_eff_hgt@azm190 = 701
t_eff_hgt@azm200 = 701
t_eff_hgt@azm210 = 701
t_eff_hgt@azm220 = 701
t_eff_hgt@azm230 = 701
t_eff_hgt@azm240 = 701
t_eff_hgt@azm250 = 701
t_eff_hgt@azm260 = 701
t_eff_hgt@azm270 = 701
t_eff_hgt@azm280 = 701
t_eff_hgt@azm290 = 701
t_eff_hgt@azm300 = 701
t_eff_hgt@azm310 = 701
t_eff_hgt@azm320 = 701
t_eff_hgt@azm330 = 701
t_eff_hgt@azm340 = 701
t_eff_hgt@azm350 = 701
</ANT_HGT>
```



# Notice verification II



# Notice verification III

**TerRaNV**

File View Notice Preferences Help

Toolbar: File, Open, Save, Print, Find, Copy, Paste, Color, Font, Undo, Redo.

Section Tree:

- C:\Seminar\_2002\Tests\RadioLac.txt
  - Head Section
    - Error(s) = 0
    - Warning(s) = 0
  - Notice 1 - T01\_ADD
    - Error(s) = 0
    - Warning(s) = 0
  - Tail Section
    - Error(s) = 0
    - Warning(s) = 0

Content Area (Main Window):

```
<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 lonq=+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 bdwdth= 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 Window: Notice 1 - T01\_ADD : Errors

No Errors

Bottom Status Bar: Ready NUM SCRL

# How to ... Digital BC/BT using DCap\_BCBT\_Dig?

TABLE 6.2-1

| No | Data for   |
|----|--|
| 1  | Add, modify, suppress  |
| 2  | ITU symbol for administration  |
| 3  | Unique identifier given  |
| 3a | Unique identifier given by the SUP   |
| 4  | ITU symbol for country   |
| 5  | Name of the location of the transm   |
| 6  | Geographical coordinate  |
| 7  | Geographical coordinate  |
| 8  | Altitude of site (metres above sea level)  |
|    | Enter either 9a + 9b or 1  |
| 9a | Digital television system (including the reception mode)   |
| 9b | Reception mode (e.g. portable, fixed)  |
| 10 | Reference planning configuration   |
| 11 | List of acceptable channels  |
|    | Complete 12 and/or 13,   |
| 12 | Maximum e.r.p. of horizontal polarization number including a decimal point   |
| 13 | Maximum e.r.p. of vertical polarization number including a decimal point   |
| 14 | Identifier for SFN   |
| 15 | Relative timing of transmission  |
| 16 | Unique DVB-T allotment identifier for which this assignment is related   |
| 17 | Polarization (H-horizontal/V-vertical)   |
| 18 | Height of antenna (metres)   |
| 19 | Directivity (directional/vertical)   |
| 20 | 36 values of e.r.p. reduction in the horizontal plane relative to the maximum above (at 10° intervals, starting at North); if not provided, the value of the maximum effective antenna height should be used for all |
| 21 | 36 values of e.r.p. reduction in the horizontal plane relative to the maximum above (at 10° intervals, starting at North); if not provided, the value of the maximum effective antenna height should be used for all |
| 22 | Maximum effective antenna height (m)   |
| 23 | 36 values of effective antenna height (metres, at 10° intervals, starting at North); if not provided, the value of the maximum effective antenna height should be used for all                                       |
| 24 | Spectrum mask  |
| 25 | Date of notification by administration   |
| 26 | Origin: conversion of an analogue assignment <sup>2</sup>  |
| 27 | Successfully pre-coordinated with ...  |
| 28 | Remarks  |

Data

TABLE 6.2-2

| No | Data for   |
|----|--|
| 1  | Add, modify, suppress  |
| 2  | ITU symbol for administration responsible  |
| 3  | Unique identifier given by the administration  |
| 3a | Unique identifier of the target given for MOD or SUP   |
| 4  | ITU symbol for country in which the allotment is sited   |
| 5  | Name of the location of the transm   |
| 6  | Geographical coordinate, latitude  |
| 7  | Geographical coordinate, longitude   |
| 8  | Altitude of site (metres above sea level)  |
| 9  | Reference planning configuration   |
| 10 | List of acceptable frequency blocks  |
|    | Complete 11 and/or 12, based on the test points  |
| 12 | If all the test points are on the national boundary  |
| 13 | If previous field is blank, enter 0; if there is no subdivision, enter 1   |
| 14 | Enter for each sub-area (up to 9) the coordinates of its associated allotment test points (up to 99) and the identifiers for national boundary or sub-boundary   |
| 15 | Identifier for SFN   |
| 16 | Unique T-DAB allotment identifier for which this assignment is related   |
| 17 | Relative timing of transmitter with respect to the reference network   |
| 18 | Polarization (H-horizontal/V-vertical/M-mixed/U-unspecified)   |
| 19 | Height of transmitting antenna (metres)  |
| 20 | Directivity (directional/non-directional)  |
| 21 | Antenna attenuation – horizontal polarization component in the horizontal plane relative to the maximum above (at 10° intervals, starting at North); if not provided, the value of the maximum effective antenna height should be used for all |
| 22 | 36 values of e.r.p. reduction in the horizontal plane relative to the maximum above (at 10° intervals, starting at North); if not provided, the value of the maximum effective antenna height should be used for all                           |
| 23 | Maximum effective antenna height (m)   |
| 24 | 36 values of effective antenna height (metres, at 10° intervals, starting at North); if not provided, the value of the maximum effective antenna height should be used for all   |
| 25 | Spectrum mask  |
| 26 | Date of notification by administration   |
| 27 | Successfully pre-coordinated with ...  |
| 28 | Remarks  |

TABLE 6.2-3

TABLE 6.2-4  
Data for a digital sound broadcasting allotment requirement

| No | Item   | Mand. | App. 4 ref. | TerRaBase ref.             |
|----|--|-------|-------------|----------------------------|
| 1  | Add, modify, suppress  | M     |             | t_action                   |
| 2  | ITU symbol for administration responsible  | M     |             | t_adm                      |
| 3  | Unique T-DAB allotment identifier given by the administration (AdminRefId)   | M     |             | t_adm_ref_id               |
| 3a | Unique identifier given by the administration for the target allotment, only for MOD or SUP  | (M)   |             | t_trg_adm_ref_id           |
| 4  | ITU symbol for country in which the allotment is sited   | M     | 4B          | t_ctry                     |
| 5  | Digital broadcasting allotment name  | M     |             |                            |
| 6  | Type of the reference network  | M     |             |                            |
| 7  | Reference planning configuration (RPC 4 or RPC 5)  | M     |             |                            |
| 8  | List of acceptable frequency blocks  | O     |             |                            |
| 9  | Identifier for SFN   | (M)   |             |                            |
| 10 | Polarization (H-horizontal/V-vertical/M-mixed/U-unspecified)   | M     | 9D          | t_polar                    |
| 11 | If the test points on country boundary for the allotment are to be used, enter the identifier for national boundary or sub-boundary                                  | (M)   |             |                            |
| 12 | If previous field is blank, enter number (up to 9) of sub-areas within this allotment (if there is no subdivision, enter 1)  | (M)   |             |                            |
| 13 | Enter for each sub-area (up to 9) a unique contour number, its number of boundary test points (up to 99) and the coordinates of its associated allotment test points | (M)   |             |                            |
| 14 | Date of notification by administration   | O     |             | t_d_adm_ntc                |
| 15 | Successfully pre-coordinated with ...  | O     | 11          | t_adm in COORD sub-section |
| 16 | Remarks  | O     |             | t_remarks                  |



TABLE 6.2-2

## Data for a digital television broadcasting allotment requirement

DT2 Digital Television Broadcasting (DVB-T) Allotment - Data Capture - RRC-04 DCap BCBT Digital Version 1.02 / 07.09.2004

Date of Notification: 04 10 2004     Add     Mod     Sup

B    email: rundfunk@regtp.de

D

Administration's unique ID of the notice: D00062

4B    9D    D    U

RRC-04 new parameters (ref: RRC-04 Report Ch)

SFN ID: 22908

Allotment Parameters

Allot.name: D--\_2\_Nw\_SW

11- Coordination successfully completed with the following

File captured on 04.10.2004-09:24:15  
Processed by rackov  
Program Id: RRC-04 DCap BCBT Digital Version 1.02 / 07.09.2004

```
<HEAD>
t_adm = D
t_email_addr = rundfunk@regtp.de
</HEAD>
<NOTICE>
t_remarks = D--_2_NW_SW
int_remarks = This is Seminar DEMO
Notice No = 1
t_notice_type = DT2
t_d_adm_ntc = 2004-10-04
t_fragment = RC06
t_action = ADD
t_ctry = D
t_adm_ref_id = D00062
t_polar = U
rrc_ref_plan_cfg = RPC3
rrc_typ_ref_netwk = RN1
rrc_sfni_id = 22908
rrc_channel = 37
rrc_allot_name = D--_2_NW_SW
rrc_nb_sub_areas = 2
rrc_contour_id = 61
rrc_contour_id = 62
</NOTICE>
<TAIL>
t_num_notices = 1
</TAIL>
```

File name: M:\BRTSD\TPR\RACKOV\RRC Software\DT2-2004104-91714-rackov.txt

Notice Number: 1

Save/Next

Finish

Reset

Notified remarks: D--\_2\_Nw\_SW

Internal remarks: This is Seminar DEMO

TABLE 6.2-2

**Data for a digital television broadcasting allotment requirement**

| No | Item   | Mand. /Opt. | App. 4 ref. | TerRaBase ref.                       |
|----|--|-------------|-------------|--------------------------------------|
| 1  | Add, modify, suppress  | M           |             | t_action                             |
| 2  | ITU symbol for administration responsible  | M           | B           | t_adm                                |
| 3  | Unique DVB-T identifier for the allotment given by the administration (AdminRefId)   | M           |             | t_admin_ref_id                       |
| 3a | Unique identifier given by the administration for the target allotment, only for MOD or SUP  | (M)         |             | t_trg_adm_ref_id                     |
| 4  | ITU symbol for country in which allotment is sited   |             |             | File captured on 04.10.2004-09:24:15 |
| 5  | Digital broadcasting allotment name  |             |             | Processed by rackov                  |
|    | Enter either 6a + 6b or 7  |             |             | Program Id: RRC-04 DCap BCBT         |
| 6a | Digital television system (including DVB-T variant) <sup>1</sup>   |             |             | Digital Version 1.02 /               |
| 6b | Reception mode (e.g. portable, mobile...)  |             |             | 07.09.2004                           |
| 7  | Reference planning configuration (RPC 1, RPC 2 or RPC 3)   |             |             | <HEAD>                               |
| 8  | Type of the reference network (RN 1, RN 2, RN 3 or RN 4)   |             |             | t_adm = D                            |
| 9  | Identifier for SFN   |             |             | t_email_addr = rundfunk@regtp.de     |
| 10 | Polarization (H-horizontal/V-vertical/M-mixed/U-unspecified)   |             |             | </HEAD>                              |
| 11 | List of acceptable channels  |             |             | <NOTICE>                             |
| 12 | If all the test points are on the country boundary for this allotment, enter the identifier for national boundary  |             |             | t_remarks = D--_2_NW_SW              |
| 13 | If previous field is blank, enter number (up to 9) of sub-areas within this allotment (if there is no subdivision, enter 1)  |             |             | int_remarks = This is Seminar        |
| 14 | Enter for each sub-area (up to 9) a unique contour number, its number of boundary test points (up to 99) and the coordinates of its associated allotment test points |             |             | DEMO                                 |
| 15 | Date of notification by administrations  |             |             | Notice No = 1                        |
| 16 | Origin: conversion of an analogue assignment <sup>2</sup>  |             |             | t_notice_type = DT2                  |
| 17 | Successfully pre-coordinated with ...  |             |             | t_d_adm_ntc = 2004-10-04             |
| 18 | Remarks  |             |             | t_fragment = RC06                    |

<sup>1</sup> The DVB-T variant should fully identify the system used (e.g. modulation mode, number of

<sup>2</sup> BR will determine a suitable way to identify the corresponding analogue assignment (if any) need for advice.

```

File captured on 04.10.2004-
09:24:15
Processed by rackov
Program Id: RRC-04 DCap BCBT
Digital Version 1.02 /
07.09.2004
<HEAD>
t_adm = D
t_email_addr =
rundfunk@regtp.de
</HEAD>
<NOTICE>
t_remarks = D--_2_NW_SW
int_remarks = This is Seminar
DEMO
Notice No = 1
t_notice_type = DT2
t_d_adm_ntc = 2004-10-04
t_fragment = RC06
t_action = ADD
t_ctry = D
t_adm_ref_id = D00062
t_polar = U
rrc_ref_plan_cfg = RPC3
rrc_typ_ref_netwk = RN1
rrc_sfn_id = 22908
rrc_channel = 37
rrc_allot_name = D--_2_NW_SW
rrc_nb_sub_areas = 2
rrc_contour_id = 61
rrc_contour_id = 62
</NOTICE>
<TAIL>
t_num_notices = 1
</TAIL>

```



## ASBU - ITU Workshop 2004 on Digital Broadcasting

H

DA1 Sub Allotment Area for Digital Broadcast

4B

D

Sub Allotment Area:

|            |             |
|------------|-------------|
| Contour ID | Nb Test Pts |
| 61         | 50          |

```
<POINT>
rrc_lat = +510580
rrc_long = +0055254
</POINT>
<POINT>
rrc_lat = +510301
rrc_long = +0055058
</POINT>
<POINT>
rrc_lat = +510351
rrc_long = +0055329
</POINT>
<POINT>
rrc_lat = +510200
rrc_long = +0055456
</POINT>
<POINT>
rrc_lat = +510203
rrc_long = +0055655
</POINT>
<POINT>
rrc_lat = +510513
rrc_long = +0055917
</POINT>
<POINT>
rrc_lat = +510522
rrc_long = +0060106
</POINT>
<POINT>
rrc_lat = +510722
rrc_long = +0060359
</POINT>
<POINT>
rrc_lat = +510835
rrc_long = +0060809
</POINT>
<POINT>
rrc_lat = +510923
rrc_long = +0060901
</POINT>
<POINT>
rrc_lat = +511009
rrc_long = +0061501
</POINT>
</NOTICE>
<NOTICE>t_remarks = Contour Id
= 62; Number of Test Points 4
int_remarks = This is Seminar
DEMO
Notice No = 2

```

22-25 November 2004

.2-2

asti ng all of ment requi re me nt

Version 1.02 / 07.09.2004

o.de

Damascus, Syria

File name

M:\BRTSD\TPR\VRACKOV\RRCS  
oftware\DA1-2004104-92437-rackov.txt

Notice Number

1

Save/Next

Finish

Reset

Nb of Remaining Test Points

54  
49  
58  
09  
14  
04  
55  
38  
34  
26  
38  
18  
59

Notified remarks

Contour Id = 61; Number of Test  
Points 50

Internal remarks

This is Seminar DEMO

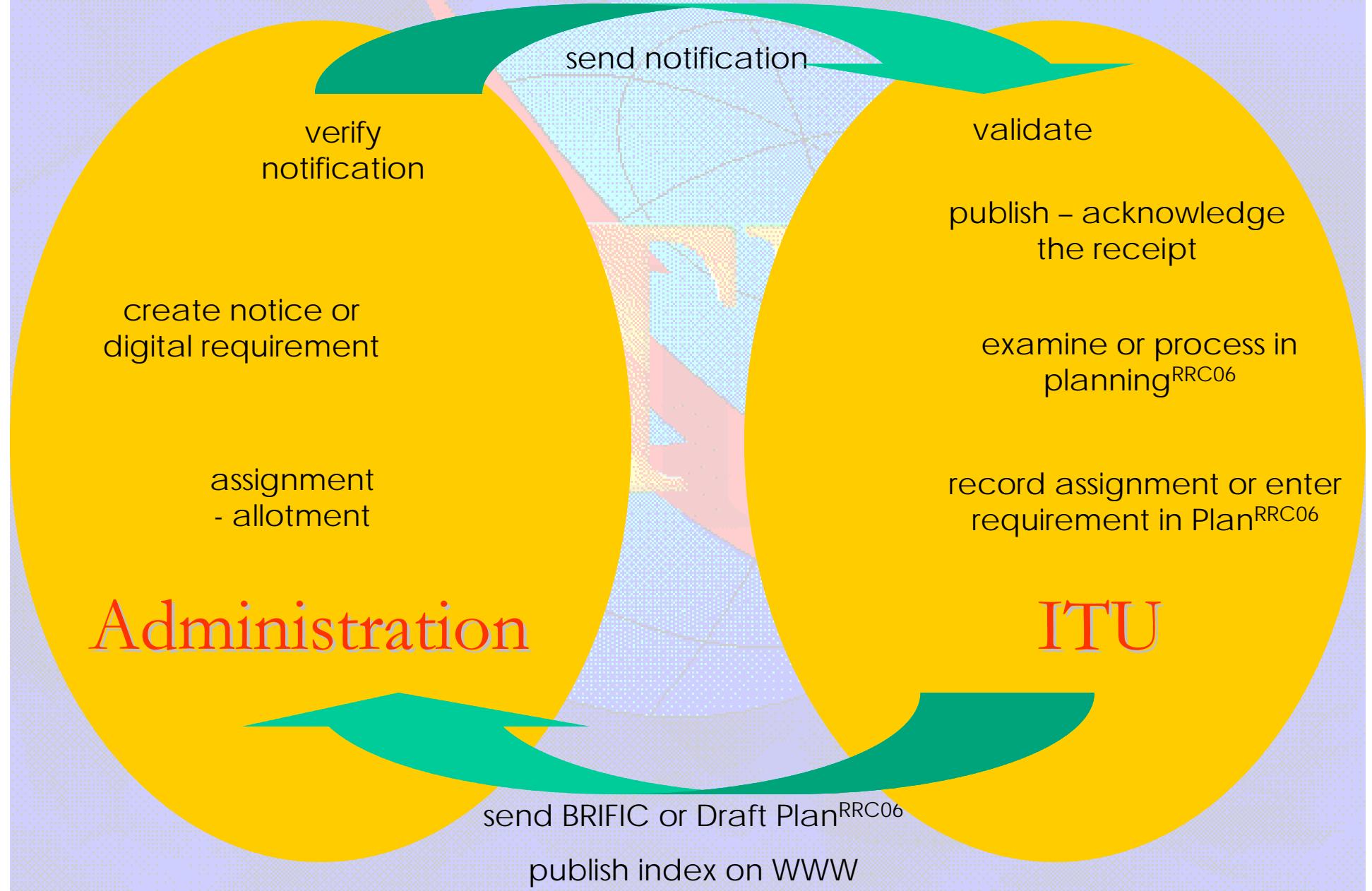


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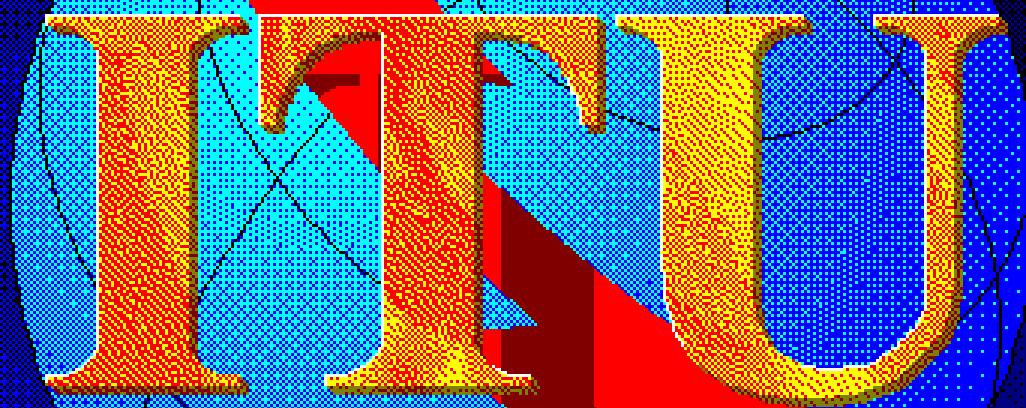
## Notification IV



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Damascus, Syria



*The end*