

T01 – Electronic notice file format and item keys for the notification of a VHF sound broadcasting assignment

Symbols used in the table

X	Item key is mandatory
+	Item key is mandatory under specified conditions
O	Item key is optional
C	Mandatory if used as a basis to effect coordination with another administration
	Indicates that the Item key is not applicable

Item Ref (AP4)	Section tag/ Item key	MIFR	GE84	ST61	Data Format/ Acceptable value(s)	Description of the item key	Comments
	<HEAD>	X	X	X		Beginning of the HEAD section	<HEAD> section shall be unique in the file. This section indicates the beginning of the electronic notice file
	t_char_set	O	O	O	ISO-8859-1	Character Set used in the file	
	t_d_sent	O	O	O	YYYY-MM-DD	The date of sending the notice	
B	t_adm	X	X	X	Preface to the BR IFIC, Chapter IV, Section 1	Notifying Administration	
	t_email_addr	O	O	O	30 characters	Electronic mail address of the notifier	
	</HEAD>	X	X	X		End of the HEAD section	Section must end with </HEAD>
	<NOTICE>	X	X	X		Beginning of NOTICE section	No limit in the number of <NOTICE> sections within the file. Each <NOTICE> section contains all the required item keys for notification
	t_notice_type	X	X	X	T01	Notice Type	T01 is for analogue or digital sound broadcasting stations
	t_d_adm_ntc	O	O	O	YYYY-MM-DD	Date of Notice	The date given by the administration to this notice, which may be different to t_d_sent.
	t_fragment	X	X	X	NTFD_RR, GE84, ST61	Fragment	The part of the database to be updated NTFD_RR – For Recording in MIFR (Art.11); GE84 or ST61 – For Updating the Plan
D	t_prov	X			RR11.2, RR9.21	Provision Code of the RR under which the notice has been submitted	RR11.2: For recording in the MIFR. RR9.21: Prior coordination before notifying under RR11.2 (Art. 9 of RR)
	t_action	X	X	X	ADD, MODIFY	Action to be taken regarding this notice	
ID1	t_adm_ref_id	O	O	O	20 characters	Unique Identification Code given by the Administration to the Assignment	It is used to uniquely identify the frequency assignment and the uniqueness shall be managed by the administration
1A	t_freq_assgn	X	X	X	30 – 300 MHz	Assigned Frequency, as defined in Art. 1 of the RR	Notified in MHz- Identifying element of the notice
4C	t_long	X	X	X	±DDMMSS -1800000 to +1800000	Longitude of the Transmitting Site	Identifying element of the notice
4C	t_lat	X	X	X	±DDMMSS -900000 to +900000	Latitude of the Transmitting Site	Identifying element of the notice
O-ID1	t_trg_adm_ref_id	+	+	+	20 characters	Unique Identification Code of the Assignment to be modified	Applies to action MODIFY. It can only be used, if notified previously and t_trg_freq_assgn, t_trg_long and t_trg_lat are not provided. Identifying element of the recorded assignment
O-1A	t_trg_freq_assgn	+	+	+	30 – 300 MHz	Assigned Frequency of the Assignment to be modified	Applies to action MODIFY. Mandatory if t_trg_adm_ref_id is not provided. Identifying element of the recorded assignment
O-4C	t_trg_long	+	+	+	±DDMMSS -1800000 to +1800000	Longitude of the Transmitter site of the assignment to be modified	Applies to action MODIFY. Mandatory if t_trg_adm_ref_id is not provided. Identifying element of the recorded assignment

Item Ref (AP4)	Section tag/ Item key	MIFR	GE84	ST61	Data Format/ Acceptable value(s)	Description of the item key	Comments
O-4C	t_trg_lat	+	+	+	±DDMMSS -900000 to +900000	Latitude of the Transmitter site of the assignment to be modified	Applies to action MODIFY. Mandatory if t_trg_adm_ref_id is not provided. Identifying element of the recorded assignment
3A1	t_call_sign	O	O	O	7 characters	Call Sign used in accordance with Art. 19 of the RR	It shall be in accordance with Art. 19 of the RR and AP42 to the RR
3A2	t_station_id	O	O	O	10 characters	Station Identification	It may contain any printable characters
2C	t_d_inuse	X			YYYY-MM-DD	Date (actual or foreseen, as appropriate) of Bringing the frequency assignment (new or modified) into Use	Maximum 3 months in advance
4A	t_site_name	X	X	X	30 characters	Name of the locality where the transmitting station is situated	
4B	t_ctry	X	X	X	Preface to the BR IFIC, Chapter IV, Section 2	Geographical Area in which the transmitting station is located.	It shall be under the jurisdiction of the notifying administration
7D	t_tran_sys	+	X	O	1 - 5	Code corresponding to the Sound broadcasting Transmission System	For fragment NTFD_RR, mandatory if notified within the GE84 Regional Agreement, if not optional. 1: Monophonic(max frequency deviation±75kHz); 2: Monophonic(max frequency deviation±50kHz); 3: Stereophonic, polar modulation system (Stereophonic pilot-tone system (max frequency deviation±50kHz); 4: Stereophonic, pilot-tone system (max frequency deviation±75kHz); 5: Stereophonic, pilot-tone system (max frequency deviation±50kHz)
7AB	t_bdwidth	X	X	X	130,180, 200,300 kHz	Necessary Bandwidth	
8BH	t_erp_h_dbw	+	+	+	≤ 57.0	Maximum Effective Radiated Power, in dBW, of the horizontally polarized component	Mandatory, if the Polarization is Horizontal or Mixed
8BV	t_erp_v_dbw	+	+	+	≤ 57.0	Maximum Effective Radiated Power, in dBW, of the vertically polarized component	Mandatory, If the polarization is vertical or mixed
9	t_ant_dir	X	X	X	D, ND	Indicator of the Antenna Directivity	Directionnel (D) or non-directionnel (ND)
9D	t_polar	X	X	X	H, V, M	Code indicating the Type of Polarization	Polarization (H – horizontal, V – vertical, M – mixed).
9E	t_hgt_agl	+	X	X	Integer, between 1 and 800 m	Height of the Antenna above Ground Level, in meters	For Fragment NTFD_RR mandatory, if notified within either GE84 or ST61, if not optional
9EA	t_site_alt	+	X	X	Integer, between – 1000 and 8850 m	Altitude of the Site above mean Sea Level	For Fragment NTFD_RR mandatory, if notified within either GE84 or ST61 Regional Agreement. If not optional
9EB	t_eff_hgtmax	X	X	X	Integer, between – 3000 and 3000 m	Maximum effective height of the antenna, in metres, above the mean level of the ground between 3 and 15 km from the transmitting antenna	It shall be equal to, or greater than, the maximum of the values in the effective antenna height diagram
12A	t_op_agcy	O			3 digits	Symbol for the Operating Agency	Preface to the BR IFIC, Chapter IV, Section 3
12B	t_addr_code	X			1 character	Symbol for the Address of the administration responsible for the station and to which communication should be sent on urgent matters regarding interference, quality of emissions and questions referring to the technical operation of the circuit	Preface to the BR IFIC, Chapter IV, Section 3
10B	t_op_hh_fr	X			HHMM 0000 to 2359	Regular Hours of Operation of the frequency assignment, in UTC	Start time of the regular hours (UTC) of operation of the frequency assignment
10B	t_op_hh_to	X			HHMM 0001 to 2400	Regular Hours of Operation of the frequency assignment, in UTC	Stop time of the regular hours (UTC) of operation of the frequency assignment
13C	t_remarks	O	O	O		Any comment designed to assist the Bureau in processing the notice	There is no limit on the number of characters per line. There could be more than one key
	<ANT_HGT>	+	X	X		Beginning of ANT_HGT sub-section containing effective antenna heights	<ANT_HGT> sub-section shall be unique within the <NOTICE> section

Item Ref (AP4)	Section tag/ Item key	MIFR	GE84	ST61	Data Format/ Acceptable value(s)	Description of the item key	Comments
9EC	t_eff_hgt@azmzzz	+	X	X	Integer, between – 3000 and 3000 m	Effective height of the antenna, in metres, above the mean level of the ground between 3 and 15 km from the transmitting antenna, at 36 different azimuths in 10° intervals (i.e. 0°, 10°, ..., 350°), measured in the horizontal plane from True North in a clockwise direction	Maximum value of the height should not exceed t_eff_hgtmax. For fragment NTFD_RR mandatory, if notified within either GE84 or ST61 Regional Plan, if not optional
	</ANT_HGT>	+	X	X		End of ANT_HGT sub-section	Sub-section must end with </ANT_HGT>
	<ANT_DIAGR_H>	+	+	+		Beginning of ANT_DIAGR_H sub-section containing attenuation of the horizontal polarized component	Mandatory, if Polarization is either Horizontal or Mixed and Antenna Directivity is directional. <ANT_DIAGR_H> shall be unique within the <NOTICE> section
9NH	t_attn@azmzzz	+	+	+	0.0 to 40.0 dB	Value of attenuation of the horizontally polarized component, at 36 different azimuths in 10° intervals (i.e. 0°, 10°, ..., 350°), measured in the horizontal plane from True North in a clockwise direction, with respect to the maximum effective radiated power of this component, in dB	At least one value of the attenuation diagram shall be equal to 0
	</ANT_DIAGR_H>	+	+	+		End of ANT_DIAGR_H sub-section	Sub-section must end with </ANT_DIAGR_H>
	<ANT_DIAGR_V>	+	+	+		Beginning of ANT_DIAGR_V sub-section containing attenuation of the vertical polarized component	Mandatory, if Polarization is Vertical or Mixed and Antenna Directivity is directional. <ANT_DIAGR_V> sub-section shall be unique within the <NOTICE> section
9NV	t_attn@azmzzz	+	+	+	0.0 to 40.0 dB	Value of attenuation of the vertically polarized component, at 36 different azimuths in 10° intervals (i.e. 0°, 10°, ..., 350°), measured in the horizontal plane from True North in a clockwise direction, with respect to the maximum effective radiated power of this component, in dB	At least one value of the attenuation diagram shall be equal to 0
	</ANT_DIAGR_V>	+	+	+		End of ANT_DIAGR_V sub-section	Sub-section must end with </ANT_DIAGR_V>
	<COORD>	O	C	C		Beginning of COORD sub-section	<COORD> sub-section shall be unique within the <NOTICE> section
11	t_adm	+	+	+	Preface to the BR IFIC, Chapter IV, Section 1	Symbol of each administration with which coordination has been successfully effected Required if coordination is necessary and has been obtained pursuant to the relevant provisions of the Radio Regulations	Repeat as appropriate
	</COORD>	O	C	C		End of COORD sub-section.	Sub-section must end with </COORD>
	</NOTICE>	X	X	X		End of NOTICE section.	Section must end with </NOTICE>. This indicates the end of all the required item keys for the notification
	<TAIL>	X	X	X		Beginning of TAIL section	<TAIL> section shall be unique in the file. This section indicates the end of the electronic notice file
	t_num_notices	X	X	X	integer	Total number of notices in the file	There is no limit in the number of notices per file
	</TAIL>	X	X	X		End of TAIL section	Section must end with </TAIL>