

## GT1 – Electronic notice file format and item keys for the notification of digital television broadcasting (DVB-T) assignment(s)

### 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 data item is not applicable

Item No in AP4	Section tag/ Item key	GE06D	MIFR	Data Format/ Acceptable value(s)	Description of the item key	Comments
	<HEAD>	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	ISO-8859-1	Character set used in the file	
	t_d_sent	O	O	YYYY-MM-DD	The date of sending the notice	
B	t_adm	X	X	<a href="#">Preface to the BR IFIC, Chapter IV, Section 1</a>	Symbol of the notifying administration	ITU symbol of the administration within the GE06 planning area
	t_email_addr	O	O	30 characters	Electronic mail address of the notifier	
	</HEAD>	X	X		End of the HEAD section	Section must end with </HEAD>
	<NOTICE>	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	GT1	Notice type	GT1 is for digital television assignments (DVB-T)
	t_fragment	X	X	GE06D, NTFD_RR	Fragment	The part of the database to be updated GE06D – For updating the GE06D Plan NTFD_RR – For recording in the MIFR
	t_action	X	X	ADD, MODIFY	Action requested by the notice	
	t_is_pub_req	X		TRUE, FALSE	To apply No. 4.1.2.5 of the GE06 Agreement	
ID1	t_adm_ref_id	X	X	20 characters	Unique Identification Code given by the administration to the assignment	It is used to uniquely identify the frequency assignment and <b>the uniqueness shall be managed by the administration. This data item cannot be changed once notified</b>
1A	t_freq_assgn	X	X	177.5 to 226.5 and 474 to 858	Assigned Frequency (MHz), as defined in Article 1	As specified in Tables A.3.1-2 to A.3.1-5 of the GE06 Agreement.
1EO	t_offset	+	+	Between -195 and + 195 (three decimals)	Frequency Offset, in kHz	If the centre frequency of the emission is offset from the assigned frequency. Frequency offset = (centre frequency) – (assigned frequency)
4C	t_long	X	X	+DDMMSS – 0300000 to +1700000	Longitude of the Transmitting site	
4C	t_lat	X	X	+DDMMSS – 400000 to + 890000	Latitude of the Transmitting site.	
4A	t_site_name	X	X	30 characters	Name of the locality by which the station is known or in which it is situated	
4B	t_ctry	X	X	<a href="#">Preface to the BR IFIC, Chapter IV, Section 2</a>	Code of the Geographical Area in which the station is located.	It shall be under the jurisdiction of the notifying administration
ID3	t_plan_adm_ref_id		X	20 characters	Unique Identification Code given by the Administration to the digital broadcasting Plan entry	For a <b>standalone</b> or <b>linked</b> assignment: provide the unique identification code of the corresponding assignment in the Plan For a <b>converted</b> assignment: provide the unique identification code of the associated allotment or the unique identification code of the corresponding converted assignment in the Plan. Please note that the existence of a corresponding converted assignment in the Plan has no impact as far as the examination of conformity to Plan is concerned.

Item No in AP4	Section tag/ Item key	GE06D	MIFR	Data Format/ Acceptable value(s)	Description of the item key	Comments
O-ID1	t_trg_adm_ref_id	+	+	20 characters	Unique Identification Code of the Assignment to be modified	Applies to action "MODIFY" and it is mandatory. If notified under No. 5.1.3 of the GE06 Agreement, mandatory if t_trg_freq_assgn, t_trg_long and t_trg_lat are not provided.
O-1A	t_trg_freq_assgn		+	173.5 - 226.5 and 474 - 858	Assigned frequency (MHz) of the assignment to be modified	Applies to action "MODIFY" and it is mandatory. If notified under No. 5.1.3 of the GE06 Agreement, mandatory if t_trg_freq_assgn, t_trg_long and t_trg_lat are not provided
O-4C	t_trg_long		+	+DDMMSS – 0300000 to + 1700000	Longitude of the Transmitting site of the assignment to be modified	Applies to action "MODIFY", if notified under No. 5.1.3 of the GE06 Agreement if t_trg_adm_ref_id is not provided.
O-4C	t_trg_lat		+	+DDMMSS – 400000 to + 890000	Latitude of the Transmitting site of the assignment to be modified	Applies to action "MODIFY", if notified under No. 5.1.3 of the GE06 Agreement if t_trg_adm_ref_id is not provided
DEC	t_plan_entry	X	X	1, 2, 3, 4, 5	Digital broadcasting Plan Entry Code	<a href="#">Preface to the BR IFIC, Chapter IV, Section 9, Table 9.8.</a>
DAC	t_assgn_code	X	X	L, C, S	Digital broadcasting Assignment Code	<a href="#">Preface to the BR IFIC, Chapter IV, Section 9, Table 9.9.</a>
ID2	t_associated_adm_allot_id	+	+	20 characters	Unique Identification Code given by the administration to the associated allotment	Required for the combination plan entry-assignment code: 3C, 4L, 4C and 5L.
	t_associated_allot_sfn_id	+	+	30 characters	Identification Symbol of the Single-Frequency network of the associated allotment	Required for the combination plan entry-assignment code: 3C, 4L and 4C. Identification symbol of the single frequency network of the assignment (t_sfn_id) shall be identical to t_associated_allot_sfn_id.
SYNC	t_sfn_id	+	+	30 characters	Identification Symbol of the Single-Frequency network.	Required for the combination plan entry-assignment code: 2L 3C, 4L and 4C
3A1	t_call_sign		O	10 characters	Call sign used in accordance with Article 19	If notified, it shall be in accordance with Art. 19 of the RR and AP42 to the RR
3A2	t_station_id		O	20 characters max	Station identification used in accordance with Article 19	
2C	t_d_inuse	C	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
2E	t_d_expiry	+	+	YYYY-MM-DD	Date for the end of operation of a frequency assignment	If subject to No 4.1.5.4 of Art. 4 of the GE06 Agreement i.e. the agreement of the administration(s) affected was obtained in accordance with for a specific time period
7H	t_ref_plan_cfg	+		RPC1, RPC2, RPC3	Reference Planning Configuration	<a href="#">Preface to the BR IFIC, Chapter IV, Section 9, Table 9.5.</a>
7J	t_spect_mask	X	X	N, S	Type of Spectrum Mask	<a href="#">Preface to the BR IFIC, Chapter IV, Section 9, Table 9.10</a>
7C1	t_sys_var	+	X	2 characters	Code Identifying the Television System	<a href="#">Preface to the BR IFIC, Chapter IV, Section 9, Table 9.2.</a>
7K	t_rx_mode	+	X	FX, PO, PI, MO	Reception Mode	<a href="#">Preface to the BR IFIC, Chapter IV, Section 9, Table 9.3</a>
8BH	t_erp_h_dbw	+	+	≤60.0	Max. Effective Radiated Power, in dBW, of the horizontally polarized component	Mandatory, if the polarization is horizontal or mixed
8BV	t_erp_v_dbw	+	+	≤60.0	Max. Effective Radiated power, in dBW, of the vertically polarized component	Mandatory, If the polarization is vertical or mixed
8BT	t_erp_beam_tilt_dbw	O	O	≤ 60.0	Max. Effective Radiated power, in dBW, in the plane defined by the beam tilt angle	If provided, then the field t_beam_tilt_angle must be provided.
9S	t_beam_tilt_angle	O	O	Between – 30.0 and 30.0	Beam tilt angle, in degrees, measured from the horizontal plane towards ground and the sign of the angle is negative	If provided, then the field t_erp_beam_tilt_dbw must be provided and it shall be greater than the Max. Effective Radiated Power
9	t_ant_dir	X	X	D, ND	Indicator showing whether the antenna is directional (D) or non-directional (ND)	
9D	t_polar	X	X	H, V, M	Code indicating the Type of Polarization	Polarization (H – horizontal, or V – vertical, or M – mixed).
9E	t_hgt_agl	X	X	Integer, between 1 and 800	Height of the Antenna above Ground Level, in metres	
9EA	t_site_alt	X	X	Integer, between – 1000 and 8850,	Altitude of the Site above mean Sea Level, in metres	
9EB	t_eff_hgtmax	X	X	Integer, between – 3000 and 3000	Max. 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	<a href="#">Preface to the BR IFIC, Chapter IV, Section 3</a>

Item No in AP4	Section tag/ Item key	GE06D	MIFR	Data Format/ Acceptable value(s)	Description of the item key	Comments
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	<a href="#">Preface to the BR IFIC, Chapter IV, Section 3</a>
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
E	t_is_resub		X	TRUE, FALSE	Resubmission Indicator	In accordance with Nos. 5.1.6 to 5.1.8 of the GE06 Agreement
11D	t_remark_conds_met		X	TRUE, FALSE	Signed Commitment from the notifying administration that the submitted assignment for recording in the MIFR shall not cause unacceptable interference and shall not claim protection.	
11C	t_signed_commitment		X	TRUE, FALSE	Declaration by the notifying administration that all Conditions associated with the Plan remark are fully met for recording in the MIFR.	In accordance with Nos 5.1.6 to 5.1.8 of the GE06 Agreement and t_is_resub shall be TRUE. In such cases, the signed commitment shall be submitted as an attachment with the notification.
13C	t_remarks	O	O		Remarks for assisting 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
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
	</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	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	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>	+	+		Beginning of COORD sub-section	<COORD> sub-section shall be unique within the <NOTICE> section
	t_adm	+	+	<a href="#">Preface to the BR IFIC, Chapter IV, Section 1</a>	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>	+	+		End of COORD sub-section	Sub-section must end with </COORD>
	</NOTICE>	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		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		Total number of notices within the file	There is no limit in the number of notices per file
	</TAIL>	X	X		End of TAIL section.	Section must end with </TAIL>

