

GB1 – Electronic notice file format and item keys for the notification digital assignment with characteristics different from those appearing in the Plan for transmission in the broadcasting service

Symbols used in the table

X	Item key is mandatory
+	Item key is mandatory under specified conditions
O	Item key is optional

Item No in AP4	Section tag/ Item key	MIFR	Data Format/ Acceptable value(s)	Description of the item key	Comments
	<HEAD>	X	Case-insensitive	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	ISO-8859-1	Character Set used in the file	
B	t_adm	X	Preface to the BR IFIC, Chapter IV, Section 1	Notifying Administration	
	t_email_addr	O	max.30 characters	Electronic mail address of the notifier	
	</HEAD>	X		End of the HEAD section	Section must end with </HEAD>
	<NOTICE>	X	Case-insensitive	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	GB1 Case-insensitive	Notice type	GB1 is for broadcasting stations under No. 5.1.3 of the GE06 Agreement
	t_fragment	X	NTFD_RR	Fragment	The part of the database to be updated NTFD_RR – For recording in the MIFR
	t_prov	X	GE06-5.1.3	Provision 5.1.3 of the GE06 Agreement	
	t_action	X	ADD, MODIFY Case-insensitive	Action requested by the notice	
ID1	t_adm_ref_id	X	max.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. This data item cannot be changed once notified
1A	t_freq_assgn	X	174 MHz to 230 and 474 MHz and 862 max. 6 decimals	Assigned Frequency, as defined in Article 1	
4C	t_long	X	+DDMMSS – 0300000 to + 1700000	Longitude of the Transmitting Site	
4C	t_lat	X	+DDMMSS – 400000 to + 890000	Latitude of the Transmitting Site.	
6A	t_stn_cls	X	BC, BT	Class of Station	BT if the station operates as a combination of sound and television or other broadcasting applications
7A	t_emi_cls	X	Preface to the BR IFIC, Chapter IV, Section 8	Class of Emission	
7AB	t_bdwidth	X	Decimal max. 3 decimals	Necessary Bandwidth (kHz)	To be taken from relevant ITU-R Recommendations. For example, for DTTB (class of station BT) see item <i>Used bandwidth</i> in the most recent version of Rec. ITU-R BT.1306 for first generation DTTB systems or in the most recent version of Rec. ITU-R BT.1877 for second generation DTTB systems

Item No in AP4	Section tag/ Item key	MFR	Data Format/ Acceptable value(s)	Description of the item key	Comments
4A	t_site_name	X	max.30 characters	Name of the locality by which the station is known or in which it is situated	
4B	t_ctr	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
ID3	t_plan_adm_ref_id	X	max.20 characters	Unique Identification Code given by the Administration to the digital broadcasting Plan Entry for which No. 5.1.3 of the GE06 Agreement is to be applied	
O-ID1	t_trg_adm_ref_id	+	max.20 characters	Unique Identification Code of the Assignment to be modified	Applies to action "MODIFY". Mandatory if t_trg_freq_assgn, t_trg_long and t_trg_lat are not provided.
O-1A	t_trg_freq_assgn	+	Decimal max. 6 decimals	Assigned Frequency (MHz) of the Assignment to be modified	Applies for action "MODIFY". Mandatory if t_trg_adm_ref_id is not provided
O-4C	t_trg_long	+	+DDMMSS	Longitude of the Transmitting Site of the assignment to be modified	Applies for action "MODIFY". Mandatory if t_trg_adm_ref_id is not provided
O-4C	t_trg_lat	+	+DDMMSS	Latitude of the Transmitting Site of the assignment to be modified	Applies to action "MODIFY". Mandatory if t_trg_adm_ref_id is not provided
DEC	t_plan_entry	X	1, 2, 3, 4, 5	Digital broadcasting Plan Entry Code	Preface to the BR IFIC, Chapter IV, Section 9, Table 9.8.
DAC	t_assgn_code	X	L, C, S	Digital broadcasting Assignment Code	Preface to the BR IFIC, Chapter IV, Section 9, Table 9.9.
ID2	t_associated_adm_allot_id	+	max.20 characters	Unique Identification Code given by the Administration to the Associated (DVB-T or T-DAB) allotment	Required for the combination plan entry-assignment code: 3C, 4L, 4C and 5L.
	t_associated_allot_sfn_id	+	max.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) is not required to be identical to t_associated_allot_sfn_id.
SYNC	t_sfn_id	O	max.30 characters	Identification symbol of the single-frequency network.	
3A1	t_call_sign	O	max. 10 characters	Call Sign used in accordance with Article 19	If notified, it shall be in accordance with Art. 19 and AP42 to the RR
3A2	t_station_id	O	max. 20 characters	Station Identification used in accordance with Article 19	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
2E	t_d_expiry	O	YYYY-MM-DD	Date for the end of operation of a frequency assignment	
8BH	t_erp_h_dbw	+	≤ 60.000 max. 3 decimals	Maximum effective radiated power, in dBW, of the horizontally polarized component	Mandatory, if the polarization is horizontal or mixed
8BV	t_erp_v_dbw =	+	≤ 60.000 max. 3 decimals	Maximum 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	≤ 60.0 max. 1 decimal	Maximum effective radiated power, in dBW, in the plane defined by the beam tilt angle	Maximum effective radiated power in the plane defined by the beam tilt angle (dBW). If provided, then the field t_beam_tilt_angle must be provided. Applies only for class of station BT.
9S	t_beam_tilt_angle	O	Decimal, between – 30.0 and 30.0 max. 1 decimal	Beam tilt angle, in degrees	The beam tilt angle is 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 maximum effective radiated power. Applies only for class of station BT.
9	t_ant_dir	X	D, ND	Indicator of the Antenna Directivity	Directional (D) or non-directional (ND)
9D	t_polar	X	H, V, M	Code indicating the Type of Polarization	H – horizontal, or V – vertical, or M – mixed)
9E	t_hgt_agl	X	Integer, between 1 and 800	Height of the Antenna above Ground Level, in meters	
9EA	t_site_alt	X	Integer, between – 1 000 and 8 850,	Altitude of the Site Above mean Sea Level	
9EB	t_eff_hgtmax	X	Integer, between – 3000 and 3000	Maximum Effective Height of the Antenna, in meters, 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

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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
8AC	t_pwr_dens	X	Between – 200.00 and + 30.00 max. 2 decimals	Maximum Power Density in (dB(W/Hz))	Averaged over the worst 4 kHz band, calculated for the maximum effective radiated power. Applies, only if notified under provision 5.1.3. See Part A10 §5.1.3 of the Rules of Procedure
11D	t_remark_conds_met	X	TRUE, FALSE Case-insensitive	Declaration by the Notifying Administration that all conditions associated with the Plan remark are fully met for recording in the MIFR.	
	t_is_resub	X	TRUE, FALSE Case-insensitive	Resubmission Indicator	In accordance with Nos. 5.1.6 to 5.1.8 of the GE06 Agreement
13C	t_remarks	O	Characters	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	Case-insensitive	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	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		End of ANT_HGT sub-section	Sub-section must end with </ANT_HGT>
	<ANT_DIAGR_H>	+	Case-insensitive	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 max. 1 decimal	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>	+	Case-insensitive	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 max. 1 decimal	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> or <COORDINATION>	+	Case-insensitive	Beginning of COORD or COORDINATION sub-section	<COORD> or <COORDINATION> sub-section shall be unique within the <NOTICE> section
	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> or </COORDINATION>	+		End of COORD or COORDINATION sub-section	Sub-section must end with </COORD> or </COORDINATION>
	</NOTICE>	X		End of NOTICE section	Section must end with </NOTICE>. This indicates the end of all the required item keys for the notification

Item No in AP4	Section tag/ Item key	MIFR	Data Format/ Acceptable value(s)	Description of the item key	Comments
	<TAIL>	X	Case-insensitive	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		Total number of notices within the file	There is no limit in the number of notices per file
	</TAIL>	X		End of TAIL section.	Section must end with </TAIL>