

T11 – Electronic file format and item keys for the notification of a terrestrial transmitting station in the fixed service

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	Add/ Modify	Suppress/ Withdraw	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	Preface to the BR IFIC, Chapter IV, Section 1	Notifying Administration	
	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> and there shall be only one
	<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	T11	Notice Type	
	t_d_adm_ntc	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	NTFD_RR, Req_agrt	Fragment	The part of the database to be updated NTFD_RR – For Recording in MIFR (Art.11); Req_agrt : –For coordination procedure of No. 9.21.
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	ADD, MODIFY, SUPPRESS, WITHDRAW	The action to be taken regarding this notice	
ID1	t_adm_ref_id	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		0.0083 –275 000 MHz	Assigned Frequency, as defined in Art. 1 of the RR	T11 notice is not receivable within the GE06 planning area and bands. Identifying element of the notice
1B	t_freq_carr	+		0.0083 –275 000 MHz	Reference (carrier) frequency	If Reference Frequency is different from the centre of the Assigned Frequency and if the first symbol in the class of emission is C, H, J or R
2C	t_d_inuse	X		YYYY-MM-DD	Date (actual or foreseen, as appropriate) of Bringing the frequency assignment (new or modified) into Use.	The notices shall reach the Bureau as specified in Nos. 11.24 – 11.26A of the RR. Assignments can be notified after bringing into use without limitations
3A1	t_call_sign	+		7 characters	Call Sign used in accordance with Art.19 of the RR - Multiple keys are possible	Mandatory for bands below 28 MHz and if t_station_id is not provided
3A2	t_station_id	+		20 characters	Station identification. The information transmitted by the radio station to aid identification of the source of its emission	Mandatory in the bands below 28 MHz and if t_call_sign is not provided
4A	t_site_name	X		30 characters	Name of the Locality where the transmitting station is situated	

Item Ref (AP4)	Section tag/ Item key	Add/ Modify	Suppress/ Withdraw	Data Format/ Acceptable value(s)	Description of the item key	Comments
4B	t_ctry	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
4C	t_long	X		+DDMMSS -1800000 to +1800000	Longitude of the Transmitting Site	Identifying element of the notice
4C	t_lat	X		+DDMMSS -900000 to +900000	Latitude of the Transmitting Site	Identifying element of the notice
E	t_is_resub	+		TRUE, FALSE	Resubmission Indicator	For notices returned in accordance with Nos. 11.41,11.43 or 11.43D of the RR. Only applies for those bands shared between terrestrial and space services and allocated to space services in space-to-Earth direction and only within 6 months from the date of return of the original notice. The new notice must refer to the original notice by indicating the BR ID and the BR IFIC number in which the original notice was published in Part 3 in the Remark's field (t_remarks)
6A	t_stn_cls	X		FX	Class of Station	Only symbol FX is allowed. Identifying element of the notice
6B	t_nat_srv	X		AX, CO, CP, CR, CV, HP, MX, OT, PX, ST	Nature of Service – Multiple keys are possible	Preface to the BR IFIC, Chapter IV, Section 7
7A	t_emi_cls	X		Preface to the BR IFIC, Chapter IV, Section 14	Class of Emission	The last two characters are optional. Identifying element of the notice
7AB	t_bdwidth_cde	X		Preface to the BR IFIC, Chapter IV, Section 14	Necessary Bandwidth Code	Identifying element of the notice
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 Identifying element of the notice
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. Identifying element of the notice
9EA	t_site_alt	+		-1000 to +8850 metres	Altitude of the Site above mean Sea level	Mandatory, if notified within bands shared between terrestrial and space services
12A	t_op_agcy	O		3 digits	Symbol for the Operating Agency - Multiple keys are possible	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
7E	t_freq_dev	C		0 – 15 MHz	Frequency Deviation	If used as a basis to effect coordination with another administration
7F	t_energy_dsp	C		0 to 100 kHz	Sweep frequency of the energy dispersal waveform	If used as a basis to effect coordination with another administration.
O-ID1	t_trg_adm_ref_id	+	+	20 characters	Unique Identification Code of the Assignment to be modified, suppressed, or withdrawn	Mandatory, for MODIFY, SUPPRESS and WITHDRAW, if t_trg_freq_assgn, t_trg_long, t_trg_lat, t_trg_stn_cls, t_trg_emi_cls, t_trg_bdwidth_cde, t_trg_op_hh_fr and t_trg_op_hh_to are not provided
O-1A	t_trg_freq_assgn	+	+	0.0083 –275 000 MHz	Assigned Frequency of the Assignment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided
O-4C	t_trg_long	+	+	+DDMMSS -1800000 to +1800000	Longitude of the Transmitter site of the assignment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided
O-4C	t_trg_lat	+	+	+DDMMSS -900000 to +900000	Latitude of the Transmitter site of the assignment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided
O-6A	t_trg_stn_cls	+	+	FX	Class of Station of the assignment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided
O-7A	t_trg_emi_cls	+	+	Preface to the BR IFIC, Chapter IV, Section 14	Class of Emission of the assignment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided
O-7AB	t_trg_bdwidth_cde	+	+	Preface to the BR IFIC, Chapter IV, Section 14	Code of the necessary bandwidth of the assignment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided

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O-10B	t_trg_op_hh_fr	+	+	0000 – 2359	Regular Hours of Operating of the assignment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided
O-10B	t_trg_op_hh_to	+	X	0001 – 2400	Regular Hours of Operating of the assignment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided
13C	t_remarks	O	O	Characters	Any comment designed to assist the Bureau in processing the notice	There is no limit on the number of characters per line. Multiple keys are possible
	<ANTENNA>	X			Beginning of ANTENNA sub-section containing, antenna information	There could be several <ANTENNA> sub-sections within the <NOTICE> section
8	t_pwr_xyz	X		Preface to the BR IFIC, Chapter IV, Section 8	Type of Power	The type of power according to Nos. RR 1.156 – 1.159 of the RR
8AA	t_pwr_ant	+		-70 – 70 dBW	Power to the Antenna	Mandatory in case of bands: <ul style="list-style-type: none"> • below 28 MHz • listed in Table 21-2 of the RR Article 21 • listed in Nos. 5.514 and 5.542 of the RR
8B	t_pwr_dbw	+		-30 – 99 dBW	Radiated power	Mandatory within bands above 28 MHz
	t_pwr_eiv	+		E, I, V	Type of Radiated Power, as in Nos. 1.161 – 1.162 of the RR	E (e.r.p), I (e.i.r.p) and V (e.m.r.p). Mandatory, if the radiated power is notified
8AB	t_pwr_dens	C		-200 – 30, with 1 decimal	Maximum Power Density (dB(W/Hz)), averaged over the worst 4 kHz band and calculated for the maximum effected radiated power	Required, if used as a basis to effect coordination with another administration
9	t_ant_dir	X		D, ND	Indicator of the Antenna Directivity	Directionnel (D) or non-directionnel (ND)
9A	t_azm_max_e	+		0 – 359.999 degrees	Azimuth (degrees from True North) of maximum radiation.	Mandatory, if the antenna is directional and the azimuthal sector for rotatable antenna is not provided.
9C	t_bmwidth	+		0 – 359.999 degrees	Beamwidth, in degrees	Mandatory, if the antenna is directional, except if the azimuthal sector for rotatable antenna is provided and it is equal to 0 – 360, then its optional
9G	t_gain_max	+		-10 – 70 dB	Maximum antenna gain (dB)	Mandatory, if the antenna is directional. For non-directional, this data item is mandatory depending on t_pwr_ant, t_pwr_dbw, t_ant_dir and t_freq_assgn
	t_gain_type	+		I, D	Type of antenna gain	Mandatory if antenna gain is provided. I: relative to isotropic antenna and applies only to shared bands. D: relative to half-wave dipole in all other bands
9D	t_polar	+		Preface to the BR IFIC, Chapter IV, Section 10	Code indicating the Type of Polarization	Mandatory, if notified in bands shared with space services
9B	t_elev	+		-90 – 90 degrees	Elevation angle of maximum directivity	Mandatory, if notified in bands shared with space services
9E	t_hgt_agl	+		-100 – 800 meters	Height of transmitting antenna above ground level	Mandatory, if notified in bands shared with space services. If nature of service is HP value should be between 20 000 and 50 000
9J	t_ant_ref	O		12 characters	Reference antenna	
5G	t_dist_max	+		0 – 20 000 km	Maximum length of the circuit (km) for non-circular receiving areas	Notified only for HF bands
	<ROTATIONAL>	+			Beginning of ROTATIONAL sub-sub-section. Only for rotating or swept beams	Mandatory, if Antenna Directivity is directional and the Azimuth of the Maximum Radiation is not provided. There may be several <ROTAIONAL> sub-sub sections within an <ANTENNA> sub-section
9AB1	t_azm_fr	+		0 – 359.999 degrees	The starting azimuth (degrees from True North) for this azimuthal sector	
9AB2	t_azm_to	+		0 – 359.999 degrees	The ending azimuth (degrees from True North) for this azimuthal sector	
	</ROTATIONAL>	+			End of ROTATIONAL sub-sub-section	Sub-Sub-Section must end with </ ROTAIONAL>
	<RX_STATION>	X			Beginning of RX_STATION sub-sub-section, containing the location of RX station	At least one <RX_STATION> sub-sub-sections within an <ANTENNA >
	t_geo_type	X		POINT, MULTIPOINT	Type of Geographic Area describing the location of the receiving stations	POINT : a specified location; MULTIPOINT : within a given area delimited by at least 3 points
5A	t_site_name	+		30 characters	Name of the location of the Receiving station	Mandatory, if t_geo_type is equal to POINT shall not be notified for MULTIPOINT
5B	t_ctry	+		Preface to the BR IFIC, Chapter IV, Section 2	Geographical Area in which the receiving station is located	Mandatory, if t_geo_type is equal to POINT shall not be notified for MULTIPOINT

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5C	t_long	+		+DDMMSS -1800000 to +1800000	Longitude of the site of the receiving station	Mandatory, if t_geo_type is equal to POINT shall not be notified for MULTIPOINT
5C	t_lat	+		+DDMMSS -900000 to +900000	Latitude of the site of the receiving station	Mandatory, if t_geo_type is equal to POINT shall not be notified for MULTIPOINT
9K	t_noise_temp	C		20 to 6000 K	Receiving noise temperature	Notify, if used as a basis to effect coordination with another administration
	<POINT>	+			Beginning of POINT sub-sub-sub-section, describing each point of the area	<POINT> sub-sub-sub-section is only provided if t_geo_type is MULTIPOINT. There shall be minimum 3 POINT sub-sub-sub-sections within <RX_STATION>
5CA	t_long	+		+DDMMSS -1800000 to +1800000	Longitude of a point	Mandatory, only if t_geo_type is equal to MULTIPOINT and shall not be notified for POINT
5CA	t_lat	+		+DDMMSS -900000 to +900000	Latitude of a point	Mandatory, only if t_geo_type is equal to MULTIPOINT and shall not be notified for POINT
	</POINT>	+			End of POINT sub-sub-sub-section, indicates the end of the point	Sub-Sub-Sub-Section must end with </POINT>
	</RX_STATION>	X			End of RX_STATION sub-sub-section.	Sub-Sub-Section must end with </RX_STATION>
	</ANTENNA>	X			End of ANTENNA sub-section.	Sub-Section must end with </ANTENNA >
	<COORD >	+			Beginning of COORD sub-section	<COORD> sub-section shall be unique, if notified, 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.	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	integer	Total number of notices in 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