G12 – Electronic file format and item keys for the notification of a terrestrial transmitting land station in the planning area and the bands governed by the GE06 Agreement

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 under GE06 Article 4	Add/Modify under RR Articles 9 and 11	Suppress/ Withdraw	Data Format/ Acceptable value(s)	Description of the item key	Comments
	<HEAD>	X	X	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	O	O	ISO-8859-1	Character set used in the file	Only the ISO-8859-1 character set is permitted.
	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	Within the GE06 Planning area.
	t_email_addr	O	O	O	max. 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	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	X	X	G12 Case-insensitive	Notice Type	
	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, Req_agrt GE06L	Fragment	The part of the database to be updated **NTFD_RR:** For recording in the Master International Frequency Register (MIFR) Art **11**). If notified within the GE06 bands allocated to the service on a secondary basis, then only **NTFD_RR** is allowed. **GE06L:** For updating the GE06 List (Art. 4 of the GE06 Agreement). **Req_agrt**: - For coordination procedure under No. **9.21**.
D	t_prov	X	X		RR11.2, RR9.21, GE06-5.1.3, GE06-4.2	Provision Code of the RR or the GE06 Agreement under which the notice has been submitted	**RR11.2**: For recording in the MIFR. If notified within the GE06 bands allocated to the service on a secondary basis, then only **RR11.2** is allowed **RR9.21**: For application of the coordination procedure of No. 9.21 (Art. 9 of the RR).Prior coordination before notifying under **RR11.2**. **GE06-4.2**: For updating the GE06 List (Art. 4 of the GE06 Agreement) **GE06-5.1.3**: if the notice is submitted under the envelope of a digital Plan entry
	t_action	X	X	X	ADD, MODIFY, SUPPRESS, WITHDRAW Case-insensitive	The action to be taken regarding this notice	
	t_is_pub_req	O			TRUE, FALSE Case-insensitive	To apply No. 4.2.2.4 of the GE06 Agreement	TRUE for application of the procedure contained in provision **4.2.2.4** of the GE06 Agreement.

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ID1	t_adm_ref_id	X	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
3A1	t_call_sign		O		max.10 characters	Call Sign used in accordance with Art.**19** of the RR	Provisions **Nos. 19.52** and **19.53** of the RR. This item key can be repeated
3A2	t_station_id		O		max. 20 characters	Station identification	Information transmitted to aid identification of the source of its emission in accordance with **Nos. 19.26** and **19.27** of the RR.
1A	t_freq_assgn	X	X		174 to 230 MHz 470 to 862 MHz max. 6 decimals	Assigned Frequency, as defined in Art. **1** of the RR	**Identifying element of the notice.**
1B	t_freq_carr	+	+		174 to 230 MHz 470 to862 MHz max. 6 decimals	Reference (carrier) frequency (MHz)	Required if **Reference Frequency** is different from the centre of the **Assigned Frequency** and if the first symbol of the class of emission is C, H, J or R.
6A	t_stn_cls	X	X		AL, FA, FB, FC, FD, FG, FL, FP, NL, RN, OE	Class of Station	For description see Preface to the BR IFIC, Chapter IV, Section 6. **Identifying element of the notice.**
7A	t_emi_cls	X	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_bdwdth_cde	X	X		Preface to the BR IFIC, Chapter IV, Section 14	Necessary Bandwidth Code	**Identifying element of the notice.**
4B	t_ctry	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 and within the GE06 planning area.
4A	t_site_name	X	X		max. 30 characters	Name of the Locality where the transmitting station is situated	Any ISO-8859-1 character is acceptable.
4C	t_long	X	X		+DDDMMSS -0500000 to +1700000	Longitude of the Transmitting Site	**Identifying element of the notice.**
4C	t_lat	X	X		+DDMMSS -400000 to +900000	Latitude of the Transmitting Site	**Identifying element of the notice.**
10B	t_op_hh_fr	X	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	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	X	+		-1000 to +8850 metres	Altitude of the Site above mean Sea level.	Mandatory, if notified within the GE06 bands allocated on primary basis, if not optional.
6B	t_nat_srv	X	X		CO, CP, CR, CV, FS, IM, OT, RC, RD, RG, RT	Nature of Service	For description see Preface to the BR IFIC, Chapter IV, Section 7. IM can only be notified within bands that are identified for the use of IMT. This item key can be repeated.
12A	t_op_agcy	O	O		3 digits	Symbol for the Operating Agency	For description see Preface to the BR IFIC, Chapter IV, Section 3. This item key can be repeated.
12B	t_addr_code	X	X		1 character	Symbol for the Address of the administration responsible for the station.	For description see Preface to the BR IFIC, Chapter IV, Section 3.
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	The notices shall reach the Radiocommunication Bureau (BR) not earlier than 3 months from the date of bringing into use. Assignments can be notified after bringing into use without limitations.
2E	t_d_expiry	O	O		YYYY-MM-DD	Expiry date of the period of validity of the assignment	If the assignment is subject to § **4.2.5.5** of Article 4 and if the agreement of the administration(s) affected was obtained in accordance with this Article for a specific period of time. If notified within GE06 bands allocated to the service on a secondary basis, this data item shall not be notified.

Item Ref (AP4)	Section tag/ Item key	Add/Modify under GE06 Article 4	Add/Modify under RR Articles 9 and 11	Suppress/ Withdraw	Data Format/ Acceptable value(s)	Description of the item key	Comments
E	t_is_resub		+		TRUE, FALSE Case-insensitive	Resubmission Indicator	If TRUE it indicates that the notice is resubmitted under the **Nos. 5.2.4 - 5.2.6** of the GE06 Agreement and it shall be accompanied by a signed commitment of operation on a non-interference basis, only if notified within the GE06 bands allocated to the service on a primary basis. If not notified, the default value **FALSE** applies.
11E	t_signed_commitment		+		TRUE, FALSE Case-insensitive	Indicator for a signed commitment of operation on a non-interference basis.	Required if notified under the **Nos 5.2.4 - 5.2.6** of the GE06 Agreement and **t_is_resub** is **TRUE**. In such case, the signed commitment is submitted as attachment. If not notified, the default value **FALSE** applies.
ID3	t_plan_adm_ref_id		+		max. 20 characters	Unique identification code of given by the administration to the digital plan entry	It corresponds to the field t_adm_ref_id in the digital plan. Mandatory if notified under **No. 5.1.3** of the GE06 Agreement and if notified within the GE06 bands allocated to the service on a primary basis. If not, it shall not be notified.
7G	t_system_type	X	+		Preface to the BR IFIC, Chapter IV, Section 7, Table 7.2	System type code	It indicated protection criteria for the notified assignment. Assignments in VHF band shall have two system type codes, one for protection against DVB T, the other for protection against T-DAB. Assignments in UHF band shall have only one system type code for protection against DVB-T. . Mandatory, if notified within the GE06 bands allocated to the service on a primary basis. This item key can be repeated.
11D	t_remarks_conds_met		+		TRUE, FALSE Case-insensitive	Declaration by the notifying administration that all conditions associated with the remark(s) related to the digital Plan entry are fully met	Required if the assignment is subject to **No. 5.1.3** of the GE06 Agreement.
O-ID1	t_trg_adm_ref_id	+	+	+	max. 20 characters	Unique Identification Code of the Assignment to be modified, suppressed or withdrawn	Mandatory, for MODIFY, SUPPRESS and WITHDRAW, if the set of other identifying elements (t_trg_freq_assgn, t_trg_long, t_trg_lat, t_trg_stn_cls, t_trg_emi_cls, t_trg_bdwdth_cde, t_trg_op_hh_fr and t_trg_op_hh_to) is not provided.
O-1A	t_trg_freq_assgn	+	+	+	174 to 230 MHz 470 to 862 MHz max. 6 decimals	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	+	+	+	+DDDMMSS -0500000 to +1700000	Longitude of the Transmitter site of the assignment to be modified or suppressed or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided.
O-4C	t_trg_lat	+	+	+	+DDMMSS -400000 to +900000	Latitude of the Transmitter site of the assignment to be modified or suppressed or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided.
O-6A	t_trg_stn_cls	+	+	+	AL, FA, FB, FC, FD, FG, FL, FP, NL, RN, OE	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_bdwdth_cde	+	+	+	Preface to the BR IFIC, Chapter IV, Section 14	NNecessary bandwidth code 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_fr	+	+	+	0000 to 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 to 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	O	Characters	Any comment designed to assist the BR in processing the notice	There is no limit on the number of characters per line. This item key can be repeated.

Item Ref (AP4)	Section tag/Item key	Add/Modify under GE06 Article 4	Add/Modify under RR Articles 9 and 11	Suppress/Withdraw	Data Format/Acceptable value(s)	Description of the item key	Comments
	<ANTENNA>	X	X		Case-insensitive	Beginning of **ANTENNA** sub-section containing, antenna information	There could be several **<ANTENNA>** sub-sections within the **<NOTICE>** section
8	t_pwr_xyz	X	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**.
8AA	t_pwr_ant	+	+		-70.000 to + 40.000 dBW max. 3 decimals	Power to the Antenna	Mandatory for aeronautical mobile service, if not optional.
8B	t_pwr_dbw	X	X		-60.000 to +70.000 dBW max. 3 decimals	Radiated power	
8AC	t_pwr_dens	O	+		-200.00 to + 30.00 dB(W/Hz) max 2 decimals	Maximum Power Density, averaged over the worst 4 kHz band and calculated for the maximum effected radiated power	Mandatory, if notified under RR Articles **11** within the GE06 bands allocated on primary basis.
9	t_ant_dir	X	X		D, ND	Indicator of the Antenna Directivity	Directionnel (D) or non-directionnel (ND)
9A	t_azm_max_e	+	+		0 to 359.999 degrees max. 3 decimals	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_bmwdth	+	+		0 to 359.999 degrees max 3 decimals	Beamwidth, in degrees	Optional, if the antenna is directional. If Non-directional, it shall not be notified
9G	t_gain_max	+	+		0 to 40.000 dB max. 3 decimals	Maximum antenna gain.	Mandatory, if the antenna is directional.
9GL	t_gain_max_horizon	O	O		-10.0 to + 40.0 dB max. 1 decimal	Maximum antenna gain towards the local horizon.	
9D	t_polar	X	+		Preface to the BR IFIC, Chapter IV, Section 10	Code indicating the Type of Polarization	If the assignment is notified in the bands allocated to the radiocommunication service on a secondary basis, this key is optional.
9E	t_hgt_agl	X	+		- 100 to +800 meters	Height of transmitting antenna above ground level (meters).	Mandatory, if notified within the GE06 bands allocated to the service on a primary basis.
9EB	t_eff_hgtmax	X	+		-3000 to 3000 meters	Maximum effective height of the antenna, in metres, above the mean level of the ground between 3 and 15 km from the transmitting antenna	Mandatory, if notified within the GE06 bands allocated to the service on a primary basis. It shall be equal to, or greater than, the maximum values in the effective antenna height diagram.
	<ANT_HGT>	X	+		Case-insensitive	Beginning of **ANT_HGT** sub-section containing effective antenna heights	Mandatory, if notified within the GE06 bands allocated to the service on a primary basis. If the notice has several antennas, then **ANT_HGT** sub-sub-section shall be notified only for the first **ANTENNA**
9EC	t_eff_hgt@azmzzz	+	+		-3000 to 3000 meters	Effective height of the antenna, in metres, at 36 different azimuths in 10° intervals, measured in the horizontal plane from True North in a clockwise direction	The effective height is measured above the mean level of the ground between 3 and 15 km from the transmitting antenna, zzz are grades from 000 to 350 with 10° steps. 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 notified under **No 5.1.3** of the GE06 Agreement, Antenna Directivity is directional, and the Polarization is H or M and within the GE06 bands allocated to the service on a primary basis.
9NH	t_attn@azmzzz		+		Numeric, with 1 decimal 4 characters max	Value of attenuation of the horizontally polarized component, at 36 different azimuths in 10°intervals, 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	zzz are grades from 000 to 350 with 10° steps. At least one value of the attenuation diagram shall be less than 10 dB.
	</ANT_DIAGR_H>		+			End of **ANT_DIAGR_H** sub-section	Sub-section must end with ****

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	\<ANT_DIAGR_V\>		+		Case-insensitive	Beginning of **ANT_DIAGR_V** sub-section containing attenuation of the horizontal polarized component	Mandatory, if notified under **No 5.1.3** of the GE06 Agreement, Antenna Directivity is directional, and the Polarization is V or M. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this sub sub-section shall not be notified.
9NV	t_attn@azmzzz		+		Numeric, with 1 decimal 4 characters max	Value of attenuation of the horizontally polarized component, at 36 different azimuths in 10°intervals, 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	zzz are grades from 000 to 350 with 10° steps. At least one value of the attenuation diagram shall be less than 10 dB.
	\</ANT_DIAGR_V\>		+			End of **ANT_DIAGR_V** sub-section	Sub-section must end with **\</ANT_ DIAGR_V\>**
	\<ROTATIONAL\>	+	+		Case-insensitive	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 to 359.999 degrees max. 3 decimals	The starting azimuth (degrees from True North) for this azimuthal sector	
9AB2	t_azm_to	+	+		0.001 to 359.999 degrees max. 3 decimals	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	X		Case-insensitive	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	X		CIRCLE, MULTIPOINT, ZONE Case-insensitive	Type of Geographic Area describing the location of the receiving stations	**CIRCLE:** area is specified as a circle. **MULTIPOINT**: within a given area is delimited by at least 3 points. **ZONE:** area is specified as a standard area or ITU geographic area.
5C	t_long	+	+		+DDDMMSS -0500000 to +1700000	Longitude of the center of the circle of the receiving area	Mandatory, if **t_geo_type** is equal to **CIRCLE** and shall not be notified for others.
5C	t_lat	+	+		+DDMMSS -400000 to +900000	Latitude of the center of the circle of the receiving area	Mandatory, if **t_geo_type** is equal to **CIRCLE** and shall not be notified for others.
5F	t_radius	+	+		0.001 to 20 000 km max. 3 decimals	Nominal radius of the circle receiving area	Mandatory, if **t_geo_type** is equal to **CIRCLE** and shall not be notified for others.
5D	t_zone_id	+	+		max.20 characters	The geographic area of location of receiving stations	Mandatory, if **t_geo_type** is equal to **ZONE** and shall not be notified for others.
	\<POINT\>	+	+		Case-insensitive	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	+	+		+DDDMMSS -0500000 to +1700000	Longitude of a point	Mandatory, if **t_geo_type** is equal to **MULTIPOINT** and shall not be notified for **POINT**
5CA	t_lat	+	+		+DDMMSS -400000 to +900000	Latitude of a point	Mandatory, 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	X			End of **RX_STATION** sub-sub-section.	Sub-Sub-Section must end with **\</RX_STATION\>**
	\</ANTENNA\>	X	X			End of **ANTENNA** sub-section.	Sub-Section must end with **\</ANTENNA \>**
	\<COORD \> or **\<COORDINATION\>**	+	+		Case-insensitive	Beginning of **COORD** or **COORDINATION** sub-section	**\<COORD\>** or **\<COORDINATION\>** 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.	This item key can be repeated.
	\</COORD\>	+	+			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.

Item Ref (AP4)	Section tag/ Item key	Add/Modify under GE06 Article 4	Add/Modify under RR Articles 9 and 11	Suppress/ Withdraw	Data Format/ Acceptable value(s)	Description of the item key	Comments
	<TAIL>	X	X	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	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>.**