

**Guidelines for GE06 submissions**  
**related to terrestrial services other than broadcasting**  
(Updated on 01.12.2016)

**Consolidated information concerning the use of electronic file formats for the notification/submission of frequency assignments to stations of terrestrial services other than broadcasting in the area and bands governed by Regional Agreement Geneva, 2006**

## Introduction

1.1 With Circular Letter [CR/261](#) dated 3 August 2006, the Bureau informed administrations on the electronic notice types applicable to terrestrial services other than broadcasting in the planning area and bands governed by the GE06 Agreement. In the meantime a need for some update of the material contained in this Circular letter has been identified. The Bureau considers that it would be appropriate to keep an up-to-date version of the relevant material on the ITU Website instead of issuing a revised version of the mentioned Circular Letter every time an inconsistency is discovered. Therefore, this document, which supersedes the information contained in the annexes of Circular Letter CR/261, is updated on a regular basis so that administrations may have easy reference to the most recent situation with respect to the notification process of terrestrial services other than broadcasting in the planning area and bands governed by the GE06 Agreement (see [CR/270](#) dated 29 March 2007). The Table of changes in comparison with CR/261 and other updates are listed in the end of this document.

1.2 This document contains three parts. *Part 1* includes a general description of the relevant electronic notice types G11 to G14 and instructions on their use. Detailed rules concerning the preparation of notice types G11 to G14 are given in Part 2. The reference tables on the frequency bands allocated to primary terrestrial services other than broadcasting and on the allowed system type codes are presented in Part 3.

1.3 Program TerRaNotices distributed with each terrestrial BRIFIC on DVD-ROM may be used by administrations for preparation and validation of the electronic notice types G11 to G14.

1.4 Administrations are invited to participate in BR regional or world seminars where the Bureau provides up-to-date and complementary information regarding the application of the radio regulatory and other procedures, including on the submission of G11 to G14 notices in the context of the GE06 coordination and notification procedures. Further information on these seminars, as well as any additional information on this subject, is available from the following contacts:

- Seminars/training: Mr. J. Restrepo, phone +41 22 730 5733, fax: +41 22 730 5785, email: [brmail@itu.int](mailto:brmail@itu.int);
- Queries concerning the notification of frequency assignments under GE06 Agreement: Mr. B. Ba, phone +41 22 730 5044, fax +41 22 730 5785, e-mail: [brtpr@itu.int](mailto:brtpr@itu.int).
- Specific queries concerning the application of the GE06 procedures to terrestrial services other than broadcasting: Mr. N. Vassiliev, phone +41 22 730 5530, fax +41 22 730 5785, e-mail: [brfmd@itu.int](mailto:brfmd@itu.int).
- Requests for help with TerRaNotice software: Mr. B. Abou Chanab, phone: +41 22 730 5275, fax: +41 22 730 5785, e-mail [terrasofthelp@itu.int](mailto:terrasofthelp@itu.int).

## Part 1

### Electronic notice types applicable to terrestrial services other than broadcasting in the planning area and bands governed by the GE06 Agreement

1.1 The following formats are applicable to the submission of frequency assignments to stations of terrestrial services other than broadcasting in the planning area and the bands governed by the GE06 Agreement:

<b><i>TerRaSys</i> notice form</b>	<b>Applicable to</b>	<b>Based on</b>
G11	TERRESTRIAL TRANSMITTING STATION IN THE FIXED SERVICE IN THE PLANNING AREA AND BANDS GOVERNED BY THE GE06 AGREEMENT Application of Article 4 and 5 procedures including No. 5.1.3	T11
G12	TERRESTRIAL TRANSMITTING STATION IN THE PLANNING AREA AND BANDS GOVERNED BY THE GE06 AGREEMENT, except station in the fixed service, broadcasting station or typical station Application of Article 4 and 5 procedures including No. 5.1.3	T12
G13	TERRESTRIAL RECEIVING LAND STATION IN THE PLANNING AREA AND BANDS GOVERNED BY THE GE06 AGREEMENT Application of Article 4 and 5 procedures including No. 5.1.3	T13
G14	TERRESTRIAL TYPICAL TRANSMITTING STATION IN THE PLANNING AREA AND BANDS GOVERNED BY THE GE06 AGREEMENT Application of Article 4 and 5 procedures, except No. 5.1.3	T14

The references to Articles 4 and 5 in the above Table are used with the meaning “Article 4 of the GE06 Agreement” and “Article 5 of the GE06 Agreement”. It is to be noted that the procedure of Article 5 of the GE06 Agreement, which deals with notification of frequency assignments for the purpose of their recording in the MIFR, makes reference to the application of the provisions of Article 11 of the Radio Regulations. This implies that notices G11 to G14 are to be used for the application of Article 11 of the Radio Regulations, by the Member States that are parties to the GE06 Agreement, in respect to those primary terrestrial services which have allocations in the bands 174-230 MHz and 470-862 MHz, provided that the concerned stations are situated within the planning area governed by the GE06 Agreement.

It is recalled that, given the formulation of No. 5.1.3 of the GE06 Agreement and the required examinations in this respect, no typical stations are receivable under provision No. 5.1.3.

1.2 For the application of the procedures of the GE06 Agreement, the administrations - parties to the Agreement shall use only electronic notices.

1.3 The file structure to be used for electronic notices related to terrestrial services other than the broadcasting service in the LF/MF and VHF/UHF bands was described in Circular Letter [CR/118](#) dated 31 March 1999 and in the document “[FXM-Guide](#)” located at the [ITU-R web page](#) and is not reproduced in this Document.

1.4 G11 – G14 electronic notices can be mixed with other electronic notices related to non-broadcasting terrestrial services (T11, T12, T13 and T14) in the same electronic notice file.

However, it is strongly recommended that G11 – G14 electronic notices should not be mixed with the digital broadcasting notices (e.g. GT1, GS1, GT2, GS2, GA1, GB1, etc.).

1.5 The tables in Part 2 contain the description of the data items for the G11 to G14 electronic notices. These notices have been developed on the basis of existing notice forms T11 to T14 by adding a number of new data items introduced by RRC-06. These newly introduced data items and permissible values are given in *italics*. More detailed description of the fields, which already existed on T11 to T14 notices, can be found in the document “[FXM-Guide](#)”.

1.6 The procedures of the GE06 Agreement are applied only to **primary** terrestrial services other than broadcasting. However, the bands 174-230 MHz and 470-862 MHz, governed by the Agreement, contain allocations to terrestrial services on a primary and on a secondary basis. Consequently, the choice of the appropriate notice type depends on the category of allocation. The category of allocation of a specific assignment can be determined using Table 1 “Frequency bands which contain primary allocations to terrestrial services other than broadcasting and which are governed by the GE06 Agreement (within the planning area of the GE06 Agreement)” given in Part 3 of this document:

1.6.1 If the assigned frequency of an assignment lies in one of the bands listed in Table 1, then G11 to G14 notice types shall be used.

1.6.2 If the assigned frequency of an assignment lies outside of the bands listed in Table 1, then either T11 to T14 notice types or G11 to G14 notice types can be used. If G11 to G14 notice types are chosen for the notification of an assignment to a secondary service station, the new data items introduced by RRC-06 are not required for the submission. In other words, the notified data can be limited to those parameters, which are mandatory for T11 to T14 notices.

1.7 The following symbols are used in the tables in Part 2:

X	data item mandatory for submission
O	data item optional for submission
+	data item mandatory for submission under the conditions specified
C	mandatory if used as a basis to effect coordination with another administration
–	data item which should not be submitted

1.8 If an electronic notice form is submitted containing a key-tag **without** providing a value for the tag, this would be treated as an error. In such cases, the notice form will be considered as incomplete and will be returned to the administration.

## Part 2

### G11 – Electronic file format for submission of an assignment to a terrestrial transmitting station in the fixed service in the planning area and the bands governed by the GE06 Agreement

Section markers (in bold) and data items (values given as example only)	Art. 4	Art. 5	Permissible value(s)	Comments
<HEAD>	X	X	<HEAD>	Beginning of the HEAD section containing general data elements related to all notices.
t_char_set = ISO-8859-1	O	O	ISO-8859-1	The character set used in the file (NB: Only the ISO-8859-1 character set is permitted).
t_d_sent	O	O	YYYY-MM-DD	The date of sending the notice.
t_adm = SUI	X	X	ITU symbols for administrations in the GE06 planning area, up to 3 characters	ITU symbol designating the administration responsible for submission.
t_email_addr = <a href="mailto:mail@ofcom.ch">mail@ofcom.ch</a>	O	O	unlimited	The electronic mail address.
</HEAD>	X	X	</HEAD>	End of the HEAD section.
<NOTICE>	X	X	<NOTICE>	Beginning of NOTICE section containing data elements related to the first notice.
t_notice_type = G11	X	X	G11	The type of notice.
t_d_adm_ntc = 2006-07-20	O	O	YYYY-MM-DD	The date that the administration gives to this notice. This may be different than t_d_sent in the HEAD section.
t_fragment = GE06L	X	X	GE06L or NTFD_RR	GE06L if assignment in primary fixed service is submitted under Article 4, NTFD_RR if assignment in primary fixed service is notified under Article 5 of GE06 Agreement. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, only value NTFD_RR is allowed.
t_prov = GE06-4.2	X	X	RR11.2 or GE06-4.2 or GE06-5.1.3	Provision of the Radio Regulations or GE06 Agreement under which this notice is submitted. Allowed values are GE06-4.2 if the notice is submitted under Article 4, GE06-5.1.3 if the notice is submitted under the envelope of a digital Plan entry, RR11.2 if the notice is submitted under Article 5 of GE06 Agreement. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, only value RR11.2 is allowed.
t_action = ADD	X	X	ADD, MODIFY, SUPPRESS, WITHDRAW	The action to be taken regarding this notice.
t_is_pub_req = TRUE	O	–	TRUE or FALSE	TRUE if the administration requests the Bureau to apply the procedure contained in provision 4.2.2.4
t_adm_ref_id = SUI/FX/0001	X	X	20 characters max	Unique identifier of the assignment given by the administration.
t_call_sign = HBA32	–	O	10 characters max	Call sign used in accordance with Article 19 of the RR. Multiple t_call_sign keys are possible.

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
t_station_id = RRL0001	–	O	20 characters max	Station identification. The information transmitted by the radio station to aid identification of the source of its emission.
t_freq_assgn = 820	X	X	Numeric value from the ranges 174–230 MHz, 470–862 MHz	Assigned frequency (MHz). Mandatory for actions ADD and MODIFY.
t_freq_carr = 821	+	+	Numeric value from the ranges 174–230 MHz and 470–862 MHz	Reference (carrier) frequency (MHz). Mandatory for actions ADD and MODIFY if the reference frequency is different from the centre of the assigned frequency band (if the first symbol in the class of emission is C, H, J or R).
t_stn_cls = FX	X	X	FX	The class of station. Only symbol FX is allowed.
t_emi_cls = F7EWX	X	X	5 characters	The class of emission according to Appendix 1 to the Radio Regulations. Mandatory for actions ADD and MODIFY.
t_bdwidth_cde = 2M00	X	X	4 characters	The four-character code for the necessary bandwidth. Mandatory for actions ADD and MODIFY.
t_ctry = SUI	X	X	ITU symbols for the geographical areas in the GE06 planning area, up to 3 characters	ITU symbol designating the geographical area where the transmitting antenna is located. Mandatory for actions ADD and MODIFY.
t_site_name = GRUYERES	X	X	30 characters max	The name of the site where the transmitting antenna is located. Mandatory for actions ADD and MODIFY. For site names it is recommended to use upper-case letters A to Z and digits from 0 to 9 and space.
t_long = +0070600	X	X	+DDMMSS -0500000 to +1700000	The longitude of the transmitting antenna site. Mandatory for actions ADD and MODIFY.
t_lat = +463500	X	X	+DDMMSS -400000 to +900000	The latitude of the transmitting antenna site. Mandatory for actions ADD and MODIFY.
t_op_hh_fr = 0000	X	X	0000 – 2359	The starting time for the hours of operation. Mandatory for actions ADD and MODIFY.
t_op_hh_to = 2400	X	X	0001 – 2400	The ending time for the hours of operation. Mandatory for actions ADD and MODIFY.
t_site_alt = 372	X	X	-1000 to +8850 metres	The altitude (metres) of the site above mean sea level. Mandatory for actions ADD and MODIFY. If the assignment is notified in the bands allocated to the radiocommunication service on a secondary basis, this key is optional.
t_nat_srv = CO	X	X	2 characters	The two-character code for the nature of service. Mandatory for actions ADD and MODIFY. Allowed values are CO, CP, CR, CV, OT, PX, ST. Multiple t_nat_srv keys are possible.
t_op_agcy = 002	O	O	Section 3 of Chapter IV of the Preface, 3 characters	The code for the operating agency. Multiple t_op_agcy keys are possible.

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
<i>t_addr_code = A</i>	X	X	Section 3 of Chapter IV of the Preface, 2 characters	The code for the address of the administration responsible for the station.
<i>t_d_inuse = 2006-09-20</i>	C	X	YYYY-MM-DD	Date (actual or foreseen, as appropriate) of bringing the frequency assignment into use. Mandatory if notified under Article 5 of GE06 Agreement. The notices shall reach the Bureau not earlier than 3 months before this date.
<i>t_d_expiry = 2010-01-01</i>	+	+	YYYY-MM-DD	If the assignment is subject to § 4.2.5.5 of Article 4, the expiry date of the period of validity of the assignment, if the agreement of the administration(s) affected was obtained in accordance with this Article for a specific period of time. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item is not notified.
<i>t_is_resub = TRUE</i>	-	+	TRUE or FALSE	If TRUE, it indicates that the notice is resubmitted under the provisions of 5.2.4 - 5.2.6. If the notification is made under the provisions of 5.2.4 - 5.2.6, the notice shall be accompanied by a signed commitment of operation on a non-interference basis. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item shall not be notified. If FALSE, this is not a resubmission. FALSE is the default value if this key is not specified.
<i>t_signed_commitment = TRUE</i>	-	+	TRUE or FALSE	If TRUE, indication that the notification is accompanied by a signed commitment of operation on a non-interference basis. Required if the notification is made under the provisions of 5.2.4 - 5.2.6 and <i>t_is_resub</i> is TRUE. In such case, the signed commitment is submitted as attachment. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item shall not be notified.
<i>t_plan_adm_ref_id = SUI/BT/0001</i>	-	+	20 characters max	Unique identifier of the digital entry, given by the administration, if a digital entry is used for transmissions in other primary terrestrial services. It corresponds to field <b>t_adm_ref_id</b> in the digital plan. Mandatory if the notification is made under the provisions of No. 5.1.3. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item is not notified.
<i>t_system_type = FK</i>	X	X	See Annex 6 of this Circular Letter, 3 characters max	System type code indicating the protection criteria for the notified assignment. Assignments in VHF band shall have two system type codes (i.e. two <b>t_system_type</b> keys): one for protection against DVB-T, the other for protection against T-DAB. Assignments in UHF band shall have only one value of the system type code for protection against DVB-T. Mandatory for ADD and MODIFY. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, this key shall not be notified.
<i>t_remarks</i>	O	O	unlimited	Any comment intended to assist the Bureau in processing the notice.
<i>t_remarks_conds_met</i>	-	+	TRUE or FALSE	Required if the assignment is subject to § 5.1.3 and the relevant digital Plan entry has remark(s). Value TRUE denotes a declaration by the notifying administration that all conditions associated with the remark(s) related to the digital Plan entry are fully met.
<i>t_trg_adm_ref_id = SUI/FXM/00234</i>	+	+	20 characters max	The Administration's unique identifier of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if the set of other identifying fields ( <i>t_trg_freq_assgn</i> , <i>t_trg_long</i> , <i>t_trg_lat</i> , <i>t_trg_stn_cls</i> , <i>t_trg_emi_cls</i> , <i>t_trg_bdwidth_cde</i> , <i>t_trg_op_hh_fr</i> and <i>t_trg_op_hh_to</i> ) is not notified.

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
t_trg_freq_assgn = 821	+	+	Numeric value from the ranges 174–230 MHz and 470–862 MHz	The assigned frequency (MHz) of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_long = +0070600	+	+	+DDMMSS -0500000 to +1700000	The longitude of the transmitter site of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_lat = +453500	+	+	+DDMMSS -400000 to +900000	The latitude of the transmitter site of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_stn_cls = FX	+	+	FX	The class of station of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_emi_cls = F7EWX	+	+	5 characters	The class of emission of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_bdwidth_cde = 2M50	+	+	4 characters	The four-character code for the necessary bandwidth of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_op_hh_fr = 0000	+	+	0000 – 2359	The starting time of the hours of operation of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_op_hh_to = 2400	+	+	0001 – 2400	The ending time of the hours of operation of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
<ANTENNA>	X	X	<ANTENNA>	Beginning of ANTENNA sub-section containing antenna information. There could be several ANTENNA sub-sections for 1 notice.
t_pwr_xyz = Y	X	X	X or Y or Z	The type of power according to Nos. RR 1.156 – 1.159. Mandatory for actions ADD and MODIFY.
t_pwr_ant = 10	O	O	Numeric, with + or – sign and 1 decimal, 5 characters	The power to the antenna.
t_pwr_dbw = 25	X	X	Numeric, with + or – sign and 1 decimal, 5 characters max	The radiated power (dBW). Mandatory for actions ADD and MODIFY.

Section markers (in bold) and data items (values given as example only)	Art. 4	Art. 5	Permissible value(s)	Comments
<i>t_pwr_dens = -120</i>	O	X	Numeric, with + or – sign and 1 decimal, 6 characters max	The maximum power density averaged over the worst 4 kHz (dBW/Hz) calculated for the maximum effected radiated power. Mandatory for actions ADD and MODIFY for notification under Article 5. Value should be between -200 and + 30. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item is not notified.
t_ant_dir = D	X	X	D or ND	Indicates whether the antenna is directional (D) or non-directional (ND). Mandatory for actions ADD and MODIFY.
t_azm_max_e = 65	+	+	Numeric, with 1 decimal 5 characters max	For directional antennas, the azimuth (degrees from True North) of maximum radiation. Mandatory for actions ADD and MODIFY if the antenna is directional and the Azimuthal sector for rotatable antenna is not provided. Value should be between 0 and 359.9
t_bmwidth = 30	O	O	Numeric, with 1 decimal 5 characters max	For directional antennas, the beamwidth (degrees). Value should be between 0 and 360.
t_gain_max = 15	+	+	Numeric, with 1 decimal 5 characters max	The maximum antenna gain (dB). Mandatory for actions ADD and MODIFY if the antenna is directional.
<i>t_gain_max_horizon = 7</i>	O	O	Numeric, with 1 decimal 5 characters max	The maximum antenna gain towards the local horizon (dB). If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item is not notified.
t_polar = H	X	X	2 characters max	The polarization. Mandatory for actions ADD and MODIFY. Allowed symbols are H, V, SR, SL, CR, CL, D, M. If the assignment is notified in the bands allocated to the radiocommunication service on a secondary basis, this key is optional.
t_hgt_agl = 20	X	X	Integer, with + or – sign, 4 characters max	Height of transmitting antenna above ground level (metres). Mandatory for actions ADD and MODIFY. Value should be between -100 and +500. If the assignment is notified in the bands allocated to the radiocommunication service on a secondary basis, this key is optional.
<i>t_eff_hgtmax = 50</i>	X	X	Integer, with + or – sign, 5 characters max	The maximum effective antenna height (metres). Value equal to the maximum value of the supplied effective heights. Value should be between -3000 and 3000 metres. Mandatory for actions ADD and MODIFY. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item is not notified.
<ANT_HGT>	X	X	<ANT_HGT>	Beginning of ANT_HGT sub-sub-section containing effective antenna heights. Mandatory for actions ADD and MODIFY. <b><u>If the notice has several antennas, then ANT_HGT sub-sub-section shall be notified only for the first ANTENNA.</u></b> If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this sub-sub-section is not notified.
<i>t_eff_hgt@azmzzz = 300</i>	X	X	Integer, with + or – sign, 5 characters max	Effective antenna height (metres) at 36 different azimuths in 10° intervals, measured in the horizontal plane from True North in a clockwise direction (zzz from 0 to 350 step, 10° intervals). Maximum value of heights should not exceed t_eff_hgtmax.
</ANT_HGT>	X	X	</ANT_HGT>	End of ANT_HGT sub-section.



Section markers (in bold) and data items (values given as example only)	Art. 4	Art. 5	Permissible value(s)	Comments
<ANT_DIAGR_H>	+	+	<ANT_DIAGR_H>	<b>This sub-sub-section is required for actions ADD and MODIFY only for notification under 5.1.3 (t_prov=GE06-5.1.3).</b> Beginning of ANT_DIAGR_H sub-section containing attenuation of the horizontal polarized component (dB), if the polarization is horizontal or mixed and antenna is directional. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this sub-sub-section is not notified.
t_attn@azmzzz = 10	+	+	Numeric, with 1 decimal 4 characters max	If the polarization is horizontal or mixed and antenna directivity is directional, the value of the antenna attenuation (dB) of the horizontally polarized component, normalized to 0 dB, at 36 different azimuths in 10° intervals, measured in the horizontal plane from True North in a clockwise direction.
</ANT_DIAGR_H>	+	+	</ANT_DIAGR_H>	End of ANT_DIAGR_H sub-section.
<ANT_DIAGR_V>	+	+	<ANT_DIAGR_V>	<b>This sub-sub-section is required for actions ADD and MODIFY only for notification under 5.1.3 (t_prov=GE06-5.1.3).</b> Beginning of ANT_DIAGR_V sub-section containing attenuation of the vertical polarized component (dB), if the polarization is vertical or mixed and antenna directivity is directional. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this sub-sub-section is not notified.
t_attn@azmzzz = 5	+	+	Numeric, with 1 decimal 4 characters max	If the polarization is vertical or mixed and antenna directivity is directional, the value of the antenna attenuation (dB) of the vertically polarized component, normalized to 0 dB, at 36 different azimuths in 10° intervals, measured in the horizontal plane from True North in a clockwise direction.
</ANT_DIAGR_V>	+	+	</ANT_DIAGR_V>	End of ANT_DIAGR_V sub-section.
<ROTATIONAL>	+	+	<ROTATIONAL>	Beginning of ROTATIONAL sub-sub-section. This sub-sub-section is provided for actions ADD and MODIFY if the antenna described in an ANTENNA sub-section has rotating or swept beam.
t_azm_fr = 10	+	+	Numeric, with 1 decimal, between 0 and 359.9 5 characters max	The starting azimuth (degrees from True North) for this azimuthal sector.
t_azm_to = 190	+	+	Numeric, with 1 decimal between 0.1 and 360 5 characters max	The ending azimuth (degrees from True North) for this azimuthal sector.
</ROTATIONAL>	+	+	</ROTATIONAL>	End of ROTATIONAL sub-sub-section.
<RX_STATION>	X	X	<RX_STATION>	Beginning of RX_STATION sub-sub-section. There may be several RX_STATION sub-sub-sections in ANTENNA sub-section.
t_geo_type = POINT	X	X	POINT or MULTIPOINT, 12 characters max	The type of geographic area describing the location of the receiving stations. The possible values are <b>POINT</b> when each of the receiving stations has a specified location, and <b>MULTIPOINT</b> when a number of receiving stations are located in an area described by a series of 3 to 6 points.

Section markers (in bold) and data items (values given as example only)	Art. 4	Art. 5	Permissible value(s)	Comments
t_site_name = AIGLE	+	+	30 characters max	Mandatory when <b>t_geo_type</b> is equal to <b>POINT</b> . Not provided when <b>t_geo_type</b> is equal to <b>MULTIPOINT</b> . The name of the location of the receiving station(s). For site names it is recommended to use upper-case letters A to Z and digits from 0 to 9 and space.
t_etry = SUI	+	+	ITU symbols of geographical area up to 3 characters	Mandatory when <b>t_geo_type</b> is equal to <b>POINT</b> . Not provided when <b>t_geo_type</b> is equal to <b>MULTIPOINT</b> . ITU symbol designating the geographical area where the receiving station is located.
t_long = +0070630	+	+	+DDMMSS -0500000 to +1700000	Mandatory when <b>t_geo_type</b> is equal to <b>POINT</b> . Not provided when <b>t_geo_type</b> is equal to <b>MULTIPOINT</b> . The longitude of the site of the receiving station.
t_lat = +460000	+	+	+DDMMSS -400000 to +900000	Mandatory when <b>t_geo_type</b> is equal to <b>POINT</b> . Not provided when <b>t_geo_type</b> is equal to <b>MULTIPOINT</b> . The latitude of the site of the receiving station.
<POINT>	+	+	<POINT>	Beginning of POINT sub-sub-sub-section describing the area of the location of receiving fixed stations. This sub-sub-sub-section is provided only when <b>t_geo_type</b> is equal to <b>MULTIPOINT</b> . <b><u>The area should be described by minimum 3 sets of geographical coordinates.</u></b>
t_long = +0070630	+	+	+DDMMSS -0500000 to +1700000	Mandatory when <b>t_geo_type</b> is equal to <b>MULTIPOINT</b> . Not provided when <b>t_geo_type</b> is equal to <b>POINT</b> . The longitude of a point, which together with other points provided in this sub-sub-sub-section, describes the area of the location of receiving fixed stations.
t_lat = +460000	+	+	+DDMMSS -400000 to +900000	Mandatory when <b>t_geo_type</b> is equal to <b>MULTIPOINT</b> . Not provided when <b>t_geo_type</b> is equal to <b>POINT</b> . The latitude of a point, which together with other points provided in this sub-sub-sub-section, describes the area of the location of receiving fixed stations.
</POINT>	+	+	</POINT>	End of POINT sub-sub-sub-section.
</RX_STATION>	X	X	</RX_STATION>	End of RX_STATION sub-sub-section.
</ANTENNA>	X	X	</ANTENNA>	End of ANTENNA sub-section.
<COORD >	+	+	<COORD>	Beginning of COORD sub-section if coordination has been successfully completed with one or more administrations
t_adm = D t_adm = I	+	+	ITU symbol up to 3 characters	ITU symbols designating the administrations with which coordination has been successfully completed.
</COORD>	+	+	</COORD>	End of COORD sub-section.
</NOTICE>	X	X	</NOTICE>	End of NOTICE section for the first notice.
<NOTICE>	X	X	<NOTICE>	Beginning of NOTICE section for the second notice.
</NOTICE>	X	X	</NOTICE>	End of NOTICE section for the second notice.
<TAIL>	X	X	<TAIL>	Beginning of TAIL section indicating the total number of notices in the notification file.
t_num_notices = 2	X	X	Integer	The number of notices contained in the file.

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
</TAIL>	X	X	</TAIL>	End of TAIL section. End of the notification file.

**G12 –Electronic file format for submission of an assignment to a terrestrial transmitting station in the planning area and the bands governed by the GE06 Agreement, except stations in the fixed service and typical stations**

Note: The content of sections <HEAD> and <TAIL> for G12 notice type is the same as for G11 notice type and is not reproduced in the Table below

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
<HEAD>	X	X	<HEAD>	Beginning of the HEAD section containing general data elements related to all notices.
</HEAD>	X	X	</HEAD>	End of the HEAD section.
<NOTICE>	X	X	<NOTICE>	Beginning of NOTICE section containing data elements related to the first notice.
<i>t_notice_type = G12</i>	X	X	G12	The type of notice.
<i>t_d_adm_ntc = 2006-07-20</i>	O	O	YYYY-MM-DD	The date that the administration gives to this notice.
<i>t_fragment = GE06L</i>	X	X	GE06L or NTFD_RR	GE06L if assignment in primary service is submitted under Article 4, NTFD_RR if assignment in primary service is notified under Article 5 of GE06 Agreement. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, only value NTFD_RR is allowed.
<i>t_prov = GE06-4.2</i>	X	X	RR11.2 or GE06-4.2 or GE06-5.1.3	The name of the provision of the Radio Regulations or GE06 Agreement under which this notice is submitted. For primary terrestrial services the allowed values are GE06-4.2 if the notice is submitted under Article 4, GE06-5.1.3 if the notice is submitted under the envelope of a digital entry, RR11.2 if the notice is submitted under Article 5 of GE06 Agreement. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, only value RR11.2 is allowed.
<i>t_action = ADD</i>	X	X	ADD, MODIFY, SUPPRESS, WITHDRAW	The action to be taken regarding this notice.
<i>t_is_pub_req = TRUE</i>	O	–	TRUE or FALSE	TRUE if the administration requests the Bureau to apply the procedure contained in provision 4.2.2.4
<i>t_adm_ref_id = SUI/FB/0003</i>	X	X	20 characters max	Unique identifier of the assignment given by the administration.
<i>t_call_sign = HBA220</i>	–	O	10 characters max	Call sign used in accordance with Article 19 of the RR. Multiple <i>t_call_sign</i> keys are possible.
<i>t_station_id = FB0001</i>	–	O	20 characters max	Station Identification. The information transmitted by the radio station to aid identification of the source of its emission.
<i>t_freq_assgn = 820</i>	X	X	Numeric value from the ranges 174–230 MHz, 470-862 MHz	Assigned frequency (MHz). Mandatory for actions ADD and MODIFY.

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
t_freq_carr = 821	+	+	Numeric value from the ranges 174–230 MHz and 470–862 MHz	Reference (carrier) frequency (MHz). Mandatory for actions ADD and MODIFY if the Reference frequency is different from the centre of the assigned frequency band (if the first symbol in the Class of Emission is C, H, J or R).
t_stn_cls = FB	X	X	AL, FA, FB, FC, FD, FG, FL, FP, NL, RN	The class of station.
t_emi_cls = F7EWX	X	X	5 characters	The Class of emission according to Appendix 1 to the Radio Regulations. Mandatory for actions ADD and MODIFY.
t_bdwidth_cde = 2M00	X	X	4 characters	The four-character code for the necessary bandwidth. Mandatory for actions ADD and MODIFY.
t_ctry = SUI	X	X	ITU symbols for the geographical areas in the GE06 planning area, 3 characters max	ITU symbol designating the geographical area where the transmitting antenna is located. Mandatory for actions ADD and MODIFY.
t_site_name = GRUYERES	X	X	30 characters max	The name of the site where the transmitting antenna is located. Mandatory for actions ADD and MODIFY. For site names it is recommended to use upper-case letters A to Z and digits from 0 to 9 and space.
t_long = +0070600	X	X	+DDMMSS -0500000 to +1700000	The longitude of the transmitting antenna site. Mandatory for actions ADD and MODIFY.
t_lat = +463500	X	X	+DDMMSS -400000 to +900000	The latitude of the transmitting antenna site. Mandatory for actions ADD and MODIFY.
t_op_hh_fr = 0000	X	X	0000 – 2359	The starting time for the hours of operation. Mandatory for actions ADD and MODIFY.
t_op_hh_to = 2400	X	X	0001 – 2400	The ending time for the hours of operation. Mandatory for actions ADD and MODIFY.
t_site_alt = 372	X	X	-1000 to +8850 metres	The altitude (metres) of the site above mean sea level. Mandatory for actions ADD and MODIFY. If the assignment is notified in the bands allocated to the radiocommunication service on a secondary basis, this key is optional.
t_nat_srv = CO	X	X	2 characters	The two-character code for the nature of service. Mandatory for actions ADD and MODIFY. Allowed values are listed in Section 7, Chapter IV of the Preface. Multiple t_nat_srv keys are possible.
t_op_agcy = 002	O	O	Section 3 of Chapter IV of the Preface, 3 characters	The code for the operating agency. Multiple t_op_agcy keys are possible.
t_addr_code = A	X	X	Section 3 of Chapter IV of the Preface, 2 characters	The code for the address of the administration responsible for the station.

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
<i>t_d_inuse = 2006-09-20</i>	C	X	YYYY-MM-DD	Date (actual or foreseen, as appropriate) of bringing the frequency assignment into use. Mandatory if notified under Article 5 of GE06 Agreement. The notices shall reach the Bureau not earlier than 3 months before this date.
<i>t_d_expiry = 2010-01-01</i>	+	+	YYYY-MM-DD	If the assignment is subject to § 4.2.5.5 of Article 4, the expiry date of the period of validity of the assignment, if the agreement of the administration(s) affected was obtained in accordance with this Article for a specific period of time. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, this data item shall not be notified.
<i>t_is_resub = TRUE</i>	–	+	TRUE or FALSE	If TRUE, it indicates that the notice is resubmitted under the provisions of 5.2.4 - 5.2.6. If the notification is made under the provisions of 5.2.4 - 5.2.6, the notice shall be accompanied by a signed commitment of operation on a non-interference basis. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item shall not be notified. If FALSE, this is not a resubmission. FALSE is the default value if this key is not specified.
<i>t_signed_commitment = TRUE</i>	–	+	TRUE or FALSE	If TRUE, indication that the notification is accompanied by a signed commitment of operation on a non-interference basis. Required if the notification is made under the provisions of 5.2.4 - 5.2.6 and <i>t_is_resub</i> is TRUE. In such a case, the signed commitment is submitted as an attachment. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item shall not be notified.
<i>t_plan_adm_ref_id = SUI/BT/0001</i>	–	+	20 characters max	Unique identifier of the digital entry, given by the administration, if a digital entry is used for transmissions in other primary terrestrial services. It corresponds to field <b>t_adm_ref_id</b> in the digital Plan. Mandatory if the notification is made under the provisions of No. 5.1.3. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item shall not be notified.
<i>t_system_type = FK</i>	X	X	See Annex 6 of this Circular Letter, 3 characters max	System type code indicating the protection criteria for the notified assignment. Assignments in VHF band shall have two system type codes (i.e., two <b>t_system_type</b> keys): one for protection against DVB-T, the other for protection against T-DAB. Assignments in UHF band shall have only one value of the system type code for protection against DVB-T. Mandatory for ADD and MODIFY. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, this key shall not be notified.
<i>t_remarks</i>	O	O	Unlimited	Any comment designed to assist the Bureau in processing the notice.
<i>t_remarks_conds_met</i>	-	+	TRUE or FALSE	Required if the assignment is subject to § 5.1.3 and the relevant digital Plan entry has remark(s). Value TRUE denotes a declaration by the notifying administration that all conditions associated with the remark(s) related to the digital Plan entry are fully met.

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
t_trg_adm_ref_id = SUI/FXM/00234	+	+	20 characters max	The Administration's unique identifier of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if the set of other identifying fields (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) is not notified.
t_trg_freq_assgn = 821	+	+	Numeric value from the ranges 174–230 MHz, 470-862 MHz	The assigned frequency (MHz) of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_long = +0070600	+	+	+DDMMSS -0500000 to +1700000	The longitude of the transmitter site of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_lat = +453500	+	+	+DDMMSS -400000 to +900000	The latitude of the transmitter site of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_stn_cls = FB	+	+	AL, FA, FB, FC, FD, FG, FL, FP, NL, RN	The class of station of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_emi_cls = F7EWX	+	+	5 characters	The class of emission of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_bdwidth_cde = 2M50	+	+	4 characters	The four-character code for the necessary bandwidth of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_op_hh_fr = 0000	+	+	0000 – 2359	The starting time of the hours of operation of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_op_hh_to = 2400	+	+	0001 – 2400	The ending time of the hours of operation of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
<ANTENNA>	X	X	<ANTENNA>	Beginning of ANTENNA sub-section containing antenna information. There could be several ANTENNA sub-sections for one notice.
t_pwr_xyz = Y	X	X	X or Y or Z	The type of power according to Nos. RR 1.156 – 1.159. Mandatory for actions ADD and MODIFY.

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
<b>t_pwr_ant = 10</b>	+	+	Numeric, with + or – sign and 1 decimal, 5 characters	The power to the antenna. Mandatory for actions ADD and MODIFY for the aeronautical mobile service. For other services it is optional.
<b>t_pwr_dbw = 25</b>	+	+	Numeric, with + or – sign and 1 decimal, 5 characters max	The radiated power (dBW). Mandatory for actions ADD and MODIFY in the following cases:(1)for all services other than the aeronautical mobile service. (2) for the aeronautical mobile service if t_gain_max is not notified.
<b>t_pwr_dens = -120</b>	O	X	Numeric, with + or – sign and 1 decimal, 6 characters max	The maximum power density averaged over the worst 4 kHz (dBW/Hz) calculated for the maximum effected radiated power. Mandatory for actions ADD and MODIFY for notification under Article 5. Value should be between -200 and +30.
<b>t_ant_dir = D</b>	X	X	D or ND	Indicates whether the antenna is directional (D) or non-directional (ND). Mandatory for actions ADD and MODIFY.
<b>t_azm_max_e = 65</b>	+	+	Numeric, with 1 decimal 5 characters max	For directional antennas, the azimuth (degrees from True North) of maximum radiation. Mandatory for actions ADD and MODIFY if the antenna is directional and the azimuthal sector for rotatable antenna is not provided. Value should be between 0 and 359.9
<b>t_bmwidth = 30</b>	O	O	Numeric, with 1 decimal 5 characters max	For directional antennas, the beamwidth (degrees). Value should be between 0 and 360.
<b>t_gain_max = 15</b>	+	+	Numeric, with 1 decimal 5 characters max	The maximum antenna gain (dB). Mandatory for actions ADD and MODIFY if the antenna is directional.
<b>t_gain_max_horizon = 7</b>	O	O	Numeric, with 1 decimal 5 characters max	The maximum antenna gain towards the local horizon (dB). If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, this data item is not notified.
<b>t_polar = H</b>	X	X	2 characters max	The polarization. Mandatory for actions ADD and MODIFY. Allowed symbols are H, V, SR, SL, CR, CL, D, M. If the assignment is notified in the bands allocated to the radiocommunication service on a secondary basis, this key is optional.
<b>t_hgt_agl = 20</b>	X	X	Integer, with + or – sign, 4 characters max	Height of transmitting antenna above ground level (meters). Mandatory for actions ADD and MODIFY. Value should be between -100 and +500. If the assignment is notified in the bands allocated to the radiocommunication service on a secondary basis, this key is optional.
<b>t_eff_hgtmax = 50</b>	X	X	Integer, with + or – sign, 5 characters max	The maximum effective antenna height (metres). Value equal to the maximum value of the supplied effective heights. Value should be between -3000 and 3000 metres. Mandatory for actions ADD and MODIFY. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, this data item is not notified.



Section markers (in bold) and data items (values given as example only)	Art. 4	Art. 5	Permissible value(s)	Comments
<b>&lt;ANT_HGT&gt;</b>	X	X	<ANT_HGT>	Beginning of ANT_HGT sub-sub-section containing effective antenna heights. Mandatory for actions ADD and MODIFY. <b><u>If the notice has several antennas, then ANT_HGT sub-sub-section shall be notified only for the first ANTENNA.</u></b> If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, this sub-sub-section is not notified.
<i>t_eff_hgt@azmzzz = 300</i>	X	X	Integer, with + or – sign, 5 characters max	Effective antenna height (metres) at 36 different azimuths in 10° intervals, measured in the horizontal plane from True North in a clockwise direction (zzz from 0 to 350 step, 10° intervals). Maximum value of heights should not exceed t_eff_hgtmax.
<b>&lt;/ANT_HGT&gt;</b>	X	X	</ANT_HGT>	End of ANT_HGT sub-section.
<b>&lt;ANT_DIAGR_H&gt;</b>	+	+	<ANT_DIAGR_H>	<b><u>This sub-sub-section is required for actions ADD and MODIFY only for notification under 5.1.3 (t_prov=GE06-5.1.3).</u></b> Beginning of ANT_DIAGR_H sub-section containing attenuation of the horizontal polarized component (dB), if the polarization is horizontal or mixed and antenna is directional. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, this sub-sub-section is not notified.
<i>t_attn@azmzzz = 10</i>	+	+	Numeric, with 1 decimal 4 characters max	If the polarization is horizontal or mixed and antenna directivity is directional, the value of the antenna attenuation (dB) of the horizontally polarized component, normalized to 0 dB, at 36 different azimuths in 10° intervals, measured in the horizontal plane from True North in a clockwise direction
<b>&lt;/ANT_DIAGR_H&gt;</b>	+	+	</ANT_DIAGR_H>	End of ANT_DIAGR_H sub-section.
<b>&lt;ANT_DIAGR_V&gt;</b>	+	+	<ANT_DIAGR_V>	<b><u>This sub-sub-section is required for actions ADD and MODIFY only for notification under 5.1.3 (t_prov=GE06-5.1.3).</u></b> Beginning of ANT_DIAGR_V sub-section containing attenuation of the vertical polarized component (dB), if the polarization is vertical or mixed and antenna directivity is directional. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, this sub-sub-section is not notified.
<i>t_attn@azmzzz = 5</i>	+	+	Numeric, with 1 decimal 4 characters max	If the polarization is vertical or mixed and antenna directivity is directional, the value of the antenna attenuation (dB) of the vertically polarized component, normalized to 0 dB, at 36 different azimuths in 10° intervals, measured in the horizontal plane from True North in a clockwise direction
<b>&lt;/ANT_DIAGR_V&gt;</b>	+	+	</ANT_DIAGR_V>	End of ANT_DIAGR_V sub-section.
<b>&lt;ROTATIONAL&gt;</b>	+	+	<ROTATIONAL>	Beginning of ROTATIONAL sub-sub-section. This sub-sub-section is provided for actions ADD and MODIFY if the antenna described in an ANTENNA sub-section has rotating or swept beam.
<i>t_azm_fr = 10</i>	+	+	Numeric, with 1 decimal, between 0 and 359.9, 5 characters max	The starting azimuth (degrees from True North) for this azimuthal sector.

Section markers (in bold) and data items (values given as example only)	Art. 4	Art. 5	Permissible value(s)	Comments
t_azm_to = 190	+	+	Numeric, with 1 decimal between 0.1 and 360 5 characters max	The ending azimuth (degrees from True North) for this azimuthal sector.
</ROTATIONAL>	+	+	</ROTATIONAL>	End of ROTATIONAL sub-sub-section.
<RX_STATION>	X	X	<RX_STATION>	Beginning of RX_STATION sub-sub-section.
t_geo_type = CIRCLE	X	X	12 characters max	The type of geographic area describing the location of the receiving stations. The possible values are <b>CIRCLE</b> when the area is specified as a circle, and <b>ZONE</b> when the area is specified as a geographical area.
t_long = +0070630	+	+	+DDMMSS -0500000 to +1700000	Mandatory when <b>t_geo_type</b> is equal to <b>CIRCLE</b> . The longitude of the centre of circular receiving area.
t_lat = +460000	+	+	+DDMMSS -400000 to +900000	Mandatory when <b>t_geo_type</b> is equal to <b>CIRCLE</b> . The latitude of the centre of circular receiving area.
t_radius = 50	+	+	Integer, 5 characters max	When <b>t_geo_type</b> is equal to <b>CIRCLE</b> , the nominal radius (kilometres) of the circular receiving area. Mandatory for actions ADD and MODIFY, if the geographical area of reception is not notified
t_zone_id = SUI	+	+	ITU symbol for the geographical areas, 3 characters max	When <b>t_geo_type</b> is equal to <b>ZONE</b> , the geographical area. Mandatory for actions ADD and MODIFY, if the nominal radius of the circular receiving area is not notified
</RX_STATION>	X	X	</RX_STATION>	End of RX_STATION sub-sub-section.
</ANTENNA>	X	X	</ANTENNA>	End of ANTENNA sub-section.
<COORD>	+	+	<COORD>	Beginning of COORD sub-section if coordination has been successfully completed with one or more administrations
t_adm = D t_adm = I	+	+	ITU symbol, 3 characters max	ITU symbol designating the administration with which coordination has been successfully completed.
</COORD>	+	+	</COORD>	End of COORD sub-section.
</NOTICE>	X	X	</NOTICE>	End of NOTICE section for the first notice.
<NOTICE>	X	X	<NOTICE>	Beginning of NOTICE section for the second notice.
</NOTICE>	X	X	</NOTICE>	End of NOTICE section for the second notice.

**G13 –Electronic file format for submission of an assignment to a terrestrial receiving land station in the planning area and the bands governed by the GE06 Agreement**

Note: The content of sections <HEAD> and <TAIL> for G13 notice type is the same as for G11 notice type and is not reproduced in the Table below

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
<HEAD>	X	X	<HEAD>	Beginning of the HEAD section containing general data elements related to all notices.
</HEAD>	X	X	</HEAD>	End of the HEAD section.
<NOTICE>	X	X	<NOTICE>	Beginning of NOTICE section containing data elements related to the first notice.
<i>t_notice_type = G13</i>	X	X	G13	The type of notice.
<i>t_d_adm_ntc = 2006-07-20</i>	O	O	YYYY-MM-DD	The date that the administration gives to this notice.
<i>t_fragment = GE06L</i>	X	X	GE06L or NTFD_RR	GE06L if assignment in primary service is submitted under Article 4, NTFD_RR if assignment in primary service is notified under Article 5 of GE06 Agreement. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, only value NTFD_RR is allowed.
<i>t_prov = GE06-4.2</i>	X	X	RR11.9 or GE06-4.2 or GE06-5.1.3	The name of the provision of the Radio Regulations or GE06 Agreement under which this notice is submitted. For primary terrestrial services the allowed values are GE06-4.2 if the notice is submitted under Article 4, GE06-5.1.3 if the notice is submitted under the envelope of a digital entry, RR11.9 if the notice is submitted under Article 5 of GE06 Agreement. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, only value RR11.9 is allowed.
<i>t_action = ADD</i>	X	X	ADD, MODIFY, SUPPRESS, WITHDRAW	The action to be taken regarding this notice.
<i>t_is_pub_req = TRUE</i>	O	–	TRUE or FALSE	TRUE if the administration requests the Bureau to apply the procedure contained in provision 4.2.2.4
<i>t_adm_ref_id = SUI/ML/0005</i>	X	X	20 characters max	Unique identifier of the assignment given by the administration.
<i>t_freq_assgn = 820</i>	X	X	Numeric value from the ranges 174–230 MHz, 470–862 MHz	Assigned frequency (MHz). Mandatory for actions ADD and MODIFY.
<i>t_freq_carr = 821</i>	+	+	Numeric value from the ranges 174–230 MHz and 470–862 MHz	Reference (carrier) frequency (MHz). Mandatory for actions ADD and MODIFY if the reference frequency is different from the centre of the assigned frequency band (if the first symbol in the class of emission is C, H, J or R).

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
<b>t_stn_cls = ML</b>	X	X	AM, MA, ML, MO, MR, MS, NR, RM	The class of station corresponding to the associated transmitting mobile station.
<b>t_emi_cls = F7EWX</b>	X	X	5 characters	The class of emission according to Appendix 1 to the Radio Regulations. Mandatory for actions ADD and MODIFY.
<b>t_bdwidth_cde = 2M00</b>	X	X	4 characters	The four-character code for the necessary bandwidth. Mandatory for actions ADD and MODIFY.
<b>t_ctry = SUI</b>	X	X	ITU symbol for the geographical areas in the GE06 planning area, 3 characters max	ITU symbol designating the geographical area where the receiving antenna is located. Mandatory for actions ADD and MODIFY.
<b>t_site_name = GRUYERES</b>	X	X	30 characters max	The name of the site where the receiving antenna is located. Mandatory for actions ADD and MODIFY. For site names it is recommended to use upper-case letters A to Z and digits from 0 to 9 and space.
<b>t_long = +0070600</b>	X	X	±DDMMSS -0500000 to +1700000	The longitude of the receiving antenna site. Mandatory for actions ADD and MODIFY.
<b>t_lat = +463500</b>	X	X	±DDMMSS -400000 to +900000	The latitude of the receiving antenna site. Mandatory for actions ADD and MODIFY.
<b>t_ant_dir = D</b>	X	X	D or ND	Indicates whether the receiving antenna is directional (D) or non-directional (ND). Mandatory for actions ADD and MODIFY.
<b>t_bmwidth = 30</b>	O	O	Numeric, with 1 decimal, 5 characters max	For directional antennas, the beamwidth (degrees) of the receiving antenna. Value should be between 0 and 360.
<b>t_gain_max_horizon = 7</b>	O	O	Numeric, with 1 decimal, 5 characters max	The maximum antenna gain towards the local horizon (dB) of the receiving antenna. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, this data item is not notified.
<b>t_polar = H</b>	X	X	2 characters max	The polarization of the receiving antenna. Mandatory for actions ADD and MODIFY. Allowed symbols are H, V, SR, SL, CR, CL, D, M. If the assignment is notified in the bands allocated to the radiocommunication service on a secondary basis, this key is optional.
<b>t_hgt_agl = 20</b>	X	X	Integer, with + or – sign, 4 characters max	Height of receiving antenna above ground level (metres). Mandatory for actions ADD and MODIFY. Value should be between -100 and +500. If the assignment is notified in the bands allocated to the radiocommunication service on a secondary basis, this key is optional.
<b>t_op_hh_fr = 0000</b>	X	X	0000 – 2359	The starting time for the hours of operation. Mandatory for actions ADD and MODIFY.
<b>t_op_hh_to = 2400</b>	X	X	0001 – 2400	The ending time for the hours of operation. Mandatory for actions ADD and MODIFY.

Section markers (in bold) and data items (values given as example only)	Art. 4	Art. 5	Permissible value(s)	Comments
<b>t_nat_srv = CO</b>	X	X	2 characters	The two-character code for the nature of service. Mandatory for actions ADD and MODIFY. Allowed values are listed in Section 7, Chapter IV of the Preface. Multiple t_nat_srv keys are possible.
<b>t_op_agcy = 002</b>	O	O	Section 3 of Chapter IV of the Preface, 3 characters	The code for the operating agency. Multiple t_op_agcy keys are possible.
<b>t_addr_code = A</b>	X	X	Section 3 of Chapter IV of the Preface, 2 characters	The code for the address of the administration responsible for the station.
<b>t_d_inuse = 2006-09-20</b>	C	X	YYYY-MM-DD	Date (actual or foreseen, as appropriate) of bringing the frequency assignment into use. Mandatory if notified under Article 5 of GE06 Agreement. The notices shall reach the Bureau not earlier than 3 months before this date.
<b>t_d_expiry = 2010-01-01</b>	+	+	YYYY-MM-DD	If the assignment is subject to § 4.2.5.5 of Article 4, the expiry date of the period of validity of the assignment, if the agreement of the administration(s) affected was obtained in accordance with this Article for a specific period of time. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, this data item shall not be notified.
<b>t_is_resub = TRUE</b>	-	+	TRUE or FALSE	If TRUE, it indicates that the notice is resubmitted under the provisions of 5.2.4 - 5.2.6. If the notification is made under the provisions of 5.2.4 - 5.2.6, the notice shall be accompanied by a signed commitment of operation on a non-interference basis. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item shall not be notified. If FALSE, this is not a resubmission. FALSE is the default value if this key is not specified.
<b>t_signed_commitment = TRUE</b>	-	+	TRUE or FALSE	If TRUE, indication that the notification is accompanied by a signed commitment of operation on a non-interference basis. Required if the notification is made under the provisions of 5.2.4 - 5.2.6 and t_is_resub is TRUE. In such case, the signed commitment is submitted as attachment. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item shall not be notified.
<b>t_plan_adm_ref_id = SUI/BT/0001</b>	-	+	20 characters max	Unique identifier of the digital entry, given by the administration, if a digital entry is used for transmissions in other primary terrestrial services. It corresponds to field <b>t_adm_ref_id</b> in the digital plan. Mandatory if the notification is made under the provisions of No. 5.1.3. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item shall not be notified.
<b>t_system_type = FK</b>	X	X	See Annex 6 of this Circular Letter, 3 characters max	System type code indicating the protection criteria for the notified assignment. Assignments in VHF band shall have two system type codes (i.e. two <b>t_system_type</b> keys): one for protection against DVB-T, the other for protection against T-DAB. Assignments in UHF band shall have only one value of the system type code for protection against DVB-T. Mandatory for ADD and MODIFY. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, this key shall not be notified.

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
t_remarks	O	O	Unlimited	Any comment designed to assist the Bureau in processing the notice.
t_remarks_conds_met	-	+	TRUE or FALSE	Required if the assignment is subject to § 5.1.3 and the relevant digital Plan entry has remark(s). Value TRUE denotes a declaration by the notifying administration that all conditions associated with the remark(s) related to the digital Plan entry are fully met.
t_trg_adm_ref_id = SUI/FXM/00235	+	+	20 characters max	The Administration's unique identifier of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if the set of other identifying fields (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) is not notified.
t_trg_freq_assgn = 821	+	+	Numeric value from the ranges 174–230 MHz, 470-862 MHz	The assigned frequency (MHz) of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_long = +0070600	+	+	+DDMMSS -0500000 to +1700000	The longitude of the receiver site of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_lat = +453500	+	+	+DDMMSS -400000 to +900000	The latitude of the receiver site of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_stn_cls = ML	+	+	AM, MA, ML, MO, MR, MS, NR, RM	The class of station of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_emi_cls = F7EWX	+	+	5 characters	The class of emission of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_bdwidth_cde = 2M50	+	+	4 characters	The four-character code for the necessary bandwidth of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_op_hh_fr = 0000	+	+	0000 - 2359	The starting time of the hours of operation of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_op_hh_to = 2400	+	+	0001 – 2400	The ending time of the hours of operation of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.

Section markers (in bold) and data items (values given as example only)	Art. 4	Art. 5	Permissible value(s)	Comments
<ANTENNA>	X	X	<ANTENNA>	Beginning of ANTENNA sub-section containing antenna information. There could be several ANTENNA sub-sections for one notice.
t_pwr_xyz = Y	X	X	X or Y or Z	The type of power according to Nos. RR 1.156 – 1.159. Mandatory for actions ADD and MODIFY.
t_pwr_ant = 10	O	O	Numeric, with + or – sign and 1 decimal, 5 characters	The power to the antenna of the associated transmitting mobile station.
t_pwr_dbw = 25	X	X	Numeric, with + or – sign and 1 decimal, 5 character max	The radiated power (dBW) of the associated transmitting mobile station. Mandatory for actions ADD and MODIFY.
t_pwr_dens = -120	O	X	Numeric, with + or – sign and 1 decimal, 6 characters max	The maximum power density averaged over the worst 4 kHz (dBW/Hz) calculated for the maximum effected radiated power of the associated transmitting mobile station. Mandatory for actions ADD and MODIFY for notification under Article 5. Value should be between -200 and + 30.
<TX_STATION>	X	X	<TX_STATION>	Beginning of TX_STATION sub-sub-section.
t_geo_type = CIRCLE	X	X	12 characters max	The type of geographic area describing the location of the associated transmitting stations. The possible values are <b>CIRCLE</b> when the area is specified as a circle, and <b>ZONE</b> when the area is specified as a geographical area.
t_radius = 50	+	+	Integer, 5 characters max	When <b>t_geo_type</b> is equal to <b>CIRCLE</b> , the nominal radius (kilometres) of the circular transmitting area. Mandatory for actions ADD and MODIFY, if the geographical area of transmission is not notified.
t_zone_id = SUI	+	+	ITU symbols for the geographical areas, 3 characters max	When <b>t_geo_type</b> is equal to <b>ZONE</b> , the geographical area. Mandatory for actions ADD and MODIFY, if the nominal radius of the circular transmitting area is not notified.
t_long = +0070630	+	+	+DDMMSS -0500000 to +1700000	Mandatory when <b>t_geo_type</b> is equal to <b>CIRCLE</b> . The longitude of the centre of circular transmitting area.
t_lat = +460000	+	+	+DDMMSS -400000 to +900000	Mandatory when <b>t_geo_type</b> is equal to <b>CIRCLE</b> . The latitude of the centre of circular transmitting area.
</TX_STATION>	X	X	</TX_STATION>	End of TX_STATION sub-sub-section.
</ANTENNA>	X	X	</ANTENNA>	End of ANTENNA sub-section.
<COORD>	+	+	<COORD>	Beginning of COORD sub-section if coordination has been successfully completed with one or more administrations
t_adm = D t_adm = I	+	+	ITU symbol, 3 characters max	ITU symbol designating the administration with which coordination has been successfully completed.

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
<b>&lt;/COORD&gt;</b>	+	+	</COORD>	End of COORD sub-section.
<b>&lt;/NOTICE&gt;</b>	X	X	<NOTICE>	End of NOTICE section for the first notice.
<b>&lt;NOTICE&gt;</b>	X	X	<NOTICE>	Beginning of NOTICE section for the second notice.
<b>&lt;/NOTICE&gt;</b>	X	X	</NOTICE>	End of NOTICE section for the second notice.



**G14 –Electronic file format for submission of an assignment to a terrestrial typical transmitting station in the planning area and the bands governed by the GE06 Agreement**

Note: The content of sections <HEAD> and <TAIL> for G14 notice type is the same as for G11 notice type and is not reproduced in the Table below

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
<b>&lt;HEAD&gt;</b>	X	X	<HEAD>	Beginning of the HEAD section containing general data elements related to all notices.
<b>&lt;/HEAD&gt;</b>	X	X	</HEAD>	End of the HEAD section.
<b>&lt;NOTICE&gt;</b>	X	X	<NOTICE>	Beginning of NOTICE section containing data elements related to the first notice.
<i>t_notice_type = G14</i>	X	X	G14	The type of notice.
<i>t_d_adm_ntc = 2006-07-20</i>	O	O	YYYY-MM-DD	The date that the administration gives to this notice.
<i>t_fragment = GE06L</i>	X	X	GE06L or NTFD_RR	GE06L if assignment in primary service is submitted under Article 4, NTFD_RR if assignment in primary service is notified under Article 5 of GE06 Agreement. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, only value NTFD_RR is allowed.
<i>t_prov = GE06-4.2</i>	X	X	RR11.17 or GE06-4.2	The name of the provision of the Radio Regulations or GE06 Agreement under which this notice is submitted. For primary terrestrial services the allowed values are GE06-4.2 if the notice is submitted under Article 4, RR11.17 if the notice is submitted under Article 5 of GE06 Agreement. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, only value RR11.17 is allowed.
<i>t_action = ADD</i>	X	X	ADD, MODIFY, SUPPRESS, WITHDRAW	The action to be taken regarding this notice.
<i>t_is_pub_req = TRUE</i>	O	–	TRUE or FALSE	TRUE if the administration requests the Bureau to apply the procedure contained in provision 4.2.2.4
<i>t_adm_ref_id = SUI/FB/0007</i>	X	X	20 characters max	Unique identifier of the assignment given by the administration.
<i>t_freq_assgn = 820</i>	X	X	Numeric value from the ranges 174–230 MHz, 470–862 MHz	Assigned frequency (MHz). Mandatory for actions ADD and MODIFY.
<i>t_freq_carr = 821</i>	+	+	Numeric value from the ranges 174–230 MHz and 470–862 MHz	Reference (carrier) frequency (MHz). Mandatory for actions ADD and MODIFY if the reference frequency is different from the centre of the assigned frequency band (if the first symbol in the class of emission is C, H, J or R).

Section markers (in bold) and data items (values given as example only)	Art. 4	Art. 5	Permissible value(s)	Comments
t_stn_cls = FB	X	X	FX, AL, FA, FB, FC, FD, FG, FL, FP, NL, RN	The class of station.
t_nat_srv = CO	X	X	2 characters	The two-character code for the nature of service. Mandatory for actions ADD and MODIFY. Allowed values are listed in Section 7, Chapter IV of the Preface. Multiple t_nat_srv keys are possible.
t_emi_cls = F7EWX	X	X	5 characters	The class of emission according to Appendix 1 to the Radio Regulations. Mandatory for actions ADD and MODIFY.
t_bdwidth_cde = 2M00	X	X	4 characters	The four-character code for the necessary bandwidth. Mandatory for actions ADD and MODIFY.
t_geo_type = CIRCLE	X	X	CIRCLE or ZONE, 12 characters max	The type of geographic area to which the typical station is applicable. The possible values are <b>CIRCLE</b> when the area is specified as a circle, or <b>ZONE</b> when the area is specified as a geographical area.
t_long = +0070630	+	+	+DDMMSS -0500000 to +1700000	Mandatory when <b>t_geo_type</b> is equal to <b>CIRCLE</b> . The longitude of the centre of the circular area where typical stations may operate.
t_lat = +460000	+	+	+DDMMSS -400000 to +900000	Mandatory when <b>t_geo_type</b> is equal to <b>CIRCLE</b> . The latitude of the centre of the circular area where typical stations may operate.
t_radius = 50	+	+	Integer, 5 characters max	When <b>t_geo_type</b> is equal to <b>CIRCLE</b> , the nominal radius (kilometres) of the circular area where typical stations may operate. Mandatory for actions ADD and MODIFY, if the geographical area of typical stations is not notified.
t_zone_id = SUI	+	+	ITU symbols for the geographical areas, up to 3 characters	When <b>t_geo_type</b> is equal to <b>ZONE</b> , the geographical area to which typical stations are applicable. Mandatory for actions ADD and MODIFY, if the circular area where typical stations may operate is not notified.
t_op_hh_fr = 0000	X	X	0000 – 2359	The starting time for the hours of operation. Mandatory for actions ADD and MODIFY.
t_op_hh_to = 2400	X	X	0001 – 2400	The ending time for the hours of operation. Mandatory for actions ADD and MODIFY.
t_op_agcy = 002	O	O	Section 3 of Chapter IV of the Preface, 3 characters	The code for the operating agency. Multiple t_op_agcy keys are possible.
t_addr_code = A	X	X	Section 3 of Chapter IV of the Preface, 2 characters	The code for the address of the administration responsible for the station.
t_d_inuse = 2006-09-20	C	X	YYYY-MM-DD	Date (actual or foreseen, as appropriate) of bringing the frequency assignment into use. Mandatory if notified under Article 5 of GE06 Agreement. The notices shall reach the Bureau not earlier than 3 months before this date.

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
<i>t_d_expiry = 2010-01-01</i>	+	+	YYYY-MM-DD	If the assignment is subject to § 4.2.5.5 of Article 4, the expiry date of the period of validity of the assignment, if the agreement of the administration(s) affected was obtained in accordance with this Article for a specific period of time. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, this data item shall not be notified.
<i>t_is_resub</i>	-	+	TRUE or FALSE	If TRUE, it indicates that the notice is resubmitted under the provisions of 5.2.4 - 5.2.6. If the notification is made under the provisions of 5.2.4 - 5.2.6, the notice shall be accompanied by a signed commitment of operation on a non-interference basis. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item shall not be notified. If FALSE, this is not a resubmission. FALSE is the default value if this key is not specified.
<i>t_signed_commitment = TRUE</i>	-	+	TRUE or FALSE	If TRUE, indication that the notification is accompanied by a signed commitment of operation on a non-interference basis. Required if the notification is made under the provisions of 5.2.4 - 5.2.6 and t_is_resub is TRUE. In such case, the signed commitment is submitted as attachment. If the assignment is notified in the GE06 bands allocated to the fixed service on a secondary basis, this data item shall not be notified.
<i>t_system_type = FK</i>	X	X	See Annex 6 of this Circular Letter, 3 characters max	System type code indicating the protection criteria for the notified assignment. Assignments in VHF band shall have two system type codes (i.e. two <b>t_system_type</b> keys): one for protection against DVB-T, the other for protection against T-DAB. Assignments in UHF band shall have only one value of the system type code for protection against DVB-T. Mandatory for ADD and MODIFY. If the assignment is notified in the GE06 bands allocated to the service on a secondary basis, this key shall not be notified.
<i>t_remarks</i>	O	O	Unlimited	Any comment designed to assist the Bureau in processing the notice.
<i>t_trg_adm_ref_id = SUI/FXM/00234</i>	+	+	20 characters max	The Administration's unique identifier of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if the set of other identifying fields (t_trg_freq_assgn, (t_trg_long and t_trg_lat or t_trg_zone_id), t_trg_stn_cls, t_trg_emi_cls, t_trg_bdwidth_cde, t_trg_op_hh_fr and t_trg_op_hh_to) is not notified.
<i>t_trg_freq_assgn = 821</i>	+	+	Numeric value from the ranges 174–230 MHz, 470-862 MHz	The assigned frequency (MHz) of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
<i>t_trg_geo_type</i>	+	+	CIRCLE or ZONE 12 characters max	The type of geographic area to which the typical station is applicable of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
t_trg_long = +0070600	+	+	±DDMMSS -0500000 to +1700000	The longitude of the centre of the circular area where typical stations may operate for the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id and t_trg_zone_id are not notified.
t_trg_lat = +453500	+	+	±DDMMSS -400000 to +900000	The latitude of the centre of the circular area where typical stations may operate for the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id and t_trg_zone_id are not notified.
t_trg_zone_id	+	+	ITU symbols for the geographical areas. up to 3 characters	The geographical area to which typical stations are applicable for the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id and the centre of the circular area where typical stations may operate (t_trg_long and t_trg_lat) are not notified.
t_trg_stn_cls = FB	+	+	FX, AL, FA, FB, FC, FD, FG, FL, FP, NL, RN	The class of station of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_emi_cls = F7EWX	+	+	5 characters	The class of emission of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_bdwidth_cde = 2M50	+	+	4 characters	The four-character code for the necessary bandwidth of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_op_hh_fr = 0000	+	+	0000 - 2359	The starting time of the hours of operation of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
t_trg_op_hh_to = 2400	+	+	0001 – 2400	The ending time of the hours of operation of the assignment to be modified or suppressed, or of the notice under treatment to be updated or withdrawn. Mandatory for actions MODIFY, SUPPRESS and WITHDRAW if t_trg_adm_ref_id is not notified.
<ANTENNA>	X	X	<ANTENNA>	Beginning of ANTENNA sub-section containing antenna information. There could be only one ANTENNA sub-sections for one notice.
t_pwr_xyz = Y	X	X	X or Y or Z	The type of power according to Nos. RR 1.156 – 1.159. Mandatory for actions ADD and MODIFY.
t_pwr_ant = 10	+	+	Numeric, with + or – sign and 1 decimal, 5 characters	The power to the antenna. Mandatory for actions ADD and MODIFY for the aeronautical mobile service.

<b>Section markers (in bold) and data items (values given as example only)</b>	<b>Art. 4</b>	<b>Art. 5</b>	<b>Permissible value(s)</b>	<b>Comments</b>
t_pwr_dbw = 25	+	+	Numeric, with + or – sign and 1 decimal, 5 character max	The radiated power (dBW). Mandatory for actions ADD and MODIFY in the following cases:(1) for all services other than the aeronautical mobile service(2) for the aeronautical mobile service if t_gain_max is not notified.
t_pwr_dens = -120	O	X	Numeric, with + or – sign and 1 decimal, 6 characters max	The maximum power density averaged over the worst 4 kHz (dBW/Hz) calculated for the maximum effected radiated power. Mandatory for actions ADD and MODIFY for notification under Article 5. Value should be between -200 and +30.
t_gain_max = 15	+	+	Numeric, with 1 decimal, 5 characters max	The maximum antenna gain (dB). Mandatory for actions ADD and MODIFY if the antenna is directional.
</ANTENNA>	X	X	</ANTENNA>	End of ANTENNA sub-section.
<COORD>	+	+	<COORD>	Beginning of COORD sub-section if coordination has been successfully completed with one or more administrations.
t_adm = D t_adm = I	+	+	ITU symbol, 3 characters max	ITU symbol designating the administration with which coordination has been successfully completed.
</COORD>	+	+	</COORD>	End of COORD sub-section.
</NOTICE>	X	X	</NOTICE>	End of NOTICE section for the first notice.
<NOTICE>	X	X	<NOTICE>	Beginning of NOTICE section for the second notice.
</NOTICE>	X	X	</NOTICE>	End of NOTICE section for Notice 2.

**Part 3**  
**Reference Tables**

**Table 1 “Frequency bands which contain primary allocations to terrestrial services other than broadcasting and which are governed by the GE06 Agreement (within the planning area of the GE06 Agreement)” (Article 5 of the RR, edition of 2016)**

<b>No</b>	<b>Frequency band, MHz</b>	<b>Station class</b>	<b>Geographical area</b>
1	174 - 230	FX, FA, FB, FC, FD, FG, FL, FP, OE, MA, ML, MO, MS, OD	IRN
2	174 - 223	FB, ML	Ctry in RR5.235 (D, AUT, BEL, DNK, FRO, E, CNR, FIN, F, MYT, REU, ISR, I, LIE, MLT, MCO, NOR, HOL, G, ASC, SHN, TRC, GIB, S and SUI)
3	223 - 230	FB, ML	Ctry in RR5.246 (E, CNR, F, MYT, REU, ISR, MCO)
4	223 - 230	AL, AM	IRN and Ctry in RR5.247 (ARS, BHR, UAE, JOR, OMA, QAT and SYR)
5	470 - 862	FX, FA, FB, FC, FD, FG, FL, FP, OE, MA, ML, MO, MS, OD	IRN
6	585 - 610	AL, NL, RN, AM, NR, RM	IRN
7	645 - 862	AL, AM	Ctry in RR5.312 (ARM, AZE, BLR, BUL, GEO, KAZ, UZB, POL, KGZ, ROU, RUS (to west of 170E), TJK, TKM and UKR)
8	790 - 862	FX	Geographical areas of Region 1 situated to west of 170E and to north of 40S, except MNG
9	694 - 862	FB, FC, FP, OE, ML, MS, OD	Geographical areas of Region 1 situated to west of 170E and to north of 40S, except MNG

**Table 2 “Allowed values of the System Type Code”**

The system type code is used for linking the notified assignment to the corresponding protection ratios for this assignment. More detailed information on this data item can be found in Chapter 4 to Annex 2 of the GE06 Agreement.

System type	Class of station	Frequency band (MHz)	Protection vis-a-vis
AL	AL, AM	174 - 230	T-DAB
CA	FX, FA, FB, FC, FD, FG, FL, FP, OE, MA, ML, MO, MS	174 - 230	T-DAB
DA	AL, AM	174 - 230	T-DAB
DB	AL, AM	174 - 230	T-DAB
IA	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 230	T-DAB
MA	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 230	T-DAB
MT	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 230	T-DAB
MU	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 230	T-DAB
M1	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 230	T-DAB
M2	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 230	T-DAB
RA1	FA, FB, FC, FD, FG, FL, FP, OE	174 - 230	T-DAB
RA2	MA, ML, MO, MS, OD	174 - 230	T-DAB
R1	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 230	T-DAB
R3	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 230	T-DAB
R4	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 230	T-DAB
XA	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 230	T-DAB
XB	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 230	T-DAB
XE	AL, AM	174 - 230	T-DAB
XM	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 230	T-DAB
AA2	AL, AM	470 - 862	DVB-T
AA8	AL, AM	470 - 862	DVB-T
AB	AL, AM	470 - 862	DVB-T
BA	AL, AM	470 - 862	DVB-T
BC	AL, AM	470 - 862	DVB-T
BD	AL, AM	470 - 862	DVB-T
FF	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 862	DVB-T
FH	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 862	DVB-T
FK <sup>1</sup>	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 862	DVB-T
NA	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 862	DVB-T
NB <sup>1</sup>	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 862	DVB-T
NR	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 862	DVB-T
NS	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 862	DVB-T
NT	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 862	DVB-T
NV	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 862	DVB-T
NY	FX, FA, FB, FC, FD, FG, FL, FP, MA, ML, MO, MS	174 - 862	DVB-T
XG	AL, AM	470 - 862	DVB-T

**Note 1:** The List of assignments to other primary terrestrial services also contains values of the system type code “FK7”, “FK8” and “NB8”. These values should not be notified in future submissions, since general codes “FK” and “NB” are sufficient for the identification of the appropriate protection criteria for the notified assignments.

## UPDATES to the Guidelines

**28.03.2007**

Date	Item	Content of the update	Remarks
28.03.2007	Part 1, item 1.1, paragraph after the Table	This new paragraph has been added to explain that G11 – G14 notices are applied to those primary terrestrial services which have allocations in the bands 174-230 MHz and 470-862 MHz, provided that the concerned stations are situated within the planning area governed by the GE06 Agreement	These changes were made with respect to CR/261
	Part 1, new item 1.6	This new item describes the cases when G11 – G14 shall be used and when T11 – T14 shall be used for submissions in the GE06 bands and areas	
	Part 2, description of G11	The Altitude of Site above Ground Level, the Height of Antenna above Ground Level and the Polarization been made optional if the assignment is notified in the bands allocated to the radiocommunication service on a secondary basis	
	Part 2, description of G12	The Altitude of Site above Ground Level, the Height of Antenna above Ground Level and the Polarization been made optional if the assignment is notified in the bands allocated to the radiocommunication service on a secondary basis	
	Part 2, description of G13	The Height of Antenna above Ground Level and the Polarization been made optional if the assignment is notified in the bands allocated to the radiocommunication service on a secondary basis	
	Part 3, new Table 1	New Table “Frequency bands which contain primary allocations to terrestrial services other than broadcasting and which are governed by the GE06 Agreement (within the planning area of the GE06 Agreement)” has been added to correctly select the applicable notice type	

**26.02.2009**

Date	Item	Content of the update	Remarks
26.02.2009	Introduction, item 1.3	New information about a computer program to assist administrations in the preparation of G11 to G14 electronic notices has been added	These changes were made with respect to the version of the document of 29.03.2007
	Part 2, description of G11, G12, G13 and G14	Status of field <i>t_is_pub_req</i> for Art. 5 notifications has been changed from “optional” to “data item which should not be submitted”	



**30.01.2014**

<b>Date</b>	<b>Item</b>	<b>Content of the update</b>	<b>Remarks</b>
30.01.2014	Introduction, items 1.1 and 1.4	ITU web page links to the relevant circular letters are updated.	These changes were made with respect to the version of the document of 27.02.2009, reflecting the WRC-12 decisions and the result of review of RDD.
	Introduction, item 1.3	Information about software to assist administrations in the preparation of G11 to G14 electronic notices has been updated.	
	Part 1, Item 1.3	ITU web page links to the relevant circular letters are updated.	
	Part 2, description of G11, G12, G13, G14	Status of fields <i>t_d_expiry</i> and <i>t_is_resub</i> have been changed from “optional” to “mandatory under conditions specified”. Editorial changes have been made to comments related to the field <i>t_signed_commitment</i> .	
	Part 2, description of G11, G12, G13	The field <i>t_remarks_conds_met</i> is added for Art. 5 notifications under the provision of No.5.1.3.	
	Part 2, description of G12, G14	Editorial changes have been made to comments related to the field <i>t_pwr_dbw</i> ,	
	Part 2, description of G13	Status of field <i>t_pwr_ant</i> , has been changed from “mandatory” to “optional”,	
	Part 2, description of G14	The omitted fields <i>t_op_hh_fr</i> and <i>t_op_hh_to</i> were added,	
	Part 3: Table 1	The frequency bands allocated to non-broadcasting terrestrial services on a primary basis were updated in accordance with the Radio Regulations (Edition of 2012).	

**01.12.2016**

<b>Date</b>	<b>Item</b>	<b>Content of the update</b>	<b>Remarks</b>
01.12.2016	Part 3: Table 1	The frequency bands allocated to non-broadcasting terrestrial services on a primary basis were updated in accordance with the Radio Regulations (Edition of 2016).	These changes were made with respect to the version of the document of 30.01.2014, reflecting the WRC-15 decisions.