Guidelines for GE06 submissions related to terrestrial broadcasting services

(Updated on 8 February 2013)

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

1.   Introduction

1.1   With Circular Letter CR/262 dated 11 August 2006, the Bureau informed administrations about the electronic notice types applicable to terrestrial broadcasting services in the planning area and bands governed by the GE06 Agreement. As indicated in Addendum 2 to CR/262 dated 28 July 2008, 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 when an inconsistency is discovered or explanatory text and examples are added. Therefore, this document, which supersedes the information contained in the Annexes of Circular Letter CR/262, will be 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 broadcasting services in the planning area and bands governed by the GE06 Agreement.

1.2   This document contains 3 parts: **Part 1** includes a general description of the relevant electronic notice types (G02, GS1, GS2, GT1, GT2, GB1, GA1, TB2, TB3, and TB5) and instructions on their use. **Part 2** contains detailed rules concerning the preparation of these notice types. **Part 3** lists valid combinations of the Plan entry and assignment codes.

1.3   The Bureau is providing a computer program, TerRaNotices, to assist administrations in the preparation of electronic notices such as G02, GS1, GS2, GT1, GT2, GB1, GA1, TB2, TB3 and TB5. This program is available on the BR IFIC DVD.

1.4   Administrations are invited to consult the forum on frequently-asked-questions (FAQ) relating to broadcasting topics for additional information, which is located at http://www.itu.int/ITU-R/index.asp?category=information&link=faq&faq=broadcasting&lang=en

1.5   Administrations are also 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 information on the submission of notices related to terrestrial broadcasting services 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. M. Maniewicz, phone +41 22 730 5940, fax: +41 22 730 5785, email: brmail@itu.int;

- Queries concerning the notification of frequency assignments under the GE06 Agreement: Mr. Ben Ba, phone +41 22 730 5044, fax +41 22 730 5785, e-mail: brtpr@itu.int.

- Specific queries concerning the application of the GE06 procedures to terrestrial broadcasting services: e-mail: brbcd@itu.int.

- Requests for help with TerRaSys validation software: Mr. B.Abou-Chanab, phone: +41 22 730 5952, fax: +41 22 730 5785, e-mail terrasofthelp@itu.int .

PART 1

Notice Types applicable to the broadcasting service under the GE06 Agreement

1 General description of the notice types applicable to the broadcasting service under the GE06 Agreement

The Regional Agreement GE06 specifies, with respect to the broadcasting service, procedures for modifications to the Plan (Article 4 of the Agreement) and for notification (Article 5 of the Agreement). Annex 3 to the GE06 Agreement contains the data elements that are to be submitted for the application of these procedures. In view of the different needs, the GE06 Agreement contains separate data sets of data elements for carrying out the plan modification procedures with respect to analogue television broadcasting assignments (in the transition period), for T-DAB assignments, for T-DAB allotments, for DVB-T assignments and for DVB-T allotments. Similar differences are indicated in the context of the notification procedure. In addition, provision 5.1.3 of the Agreement envisages the possibility of notifying a digital broadcasting plan entry with characteristics different from those appearing in the Plan, for transmissions in the broadcasting service or in other primary terrestrial services. In view of these indications, and given the necessity of having all the necessary data elements for performing the required examinations, the Bureau designed the following notice types, or adapted some existing notice types, for application of the relevant procedures referred to in the GE06 Agreement, as indicated in Table A1-1 hereunder:

TABLE A1-1:

Overview of the notice types applicable to the broadcasting service under the GE06 Agreement

Notice type	Applicable for	Reference in GE06 Agreement
G02	Application of Article 4 procedure for analogue television broadcasting assignment (in the transition period)	Table A.2 (GE06)
	Application of Article 5 procedure for analogue television broadcasting assignment (provision No. 5.1.2 a))	Table A.2 (GE06)
	Application of Article 5 procedure for an analogue television broadcasting assignment, within the envelope of a digital broadcasting plan entry (provision No. 5.1.3).	
GS1	Application of Article 4 procedure for digital sound (T-DAB) broadcasting assignment	Table A.1 (GE06)
	Application of Article 5 procedure for digital sound (T-DAB) broadcasting assignment (provision No. 5.1.2)	Table A.1 (GE06)
GS2	Application of Article 4 procedure for digital sound (T-DAB) broadcasting allotment	Table A.1 (GE06)
GT1	Application of Article 4 procedure for digital television (DVB-T) broadcasting assignment	Table A.1 (GE06)
	Application of Article 5 procedure for digital television (DVB-T) broadcasting assignment (provision No. 5.1.2)	Table A.1 (GE06)
GT2	Application of Article 4 procedure for digital television (DVB-T) broadcasting allotment	Table A.1 (GE06)

Notice type	Applicable for	Reference in GE06 Agreement
GB1	Application of Article 5 procedure for an assignment to other broadcasting applications (except analogue television assignments), within the envelope of a digital broadcasting Plan entry, but using characteristics different from those appearing in the Plan (provision No. 5.1.3).	5.1.3
GA1	Addition or suppression of the allotment sub-area for digital television and sound broadcasting allotment (T-DAB or DVB-T), in conjunction with notice types GS2 and GT2, if required	Table A.1 (GE06)
TB2	Notification of a broadcasting frequency assignment under Article 5 of the GE06 Agreement with characteristics identical to those appearing in the concerned assignment Plan (provision No. 5.1.2 a))	5.1.2 a)
TB3	Request for publication, in Part B of the corresponding Special Section, of an analogue television broadcasting assignment or digital broadcasting assignment/allotment, whose characteristics were already published in Part A of a special section GE06, with characteristics identical to those published in the corresponding Part A	4.1.5.1
TB5	Request for: cancellation of a broadcasting assignment/allotment from the GE06 Plans, or suppressing a broadcasting assignment from the MIFR, or withdrawing a notice under treatment (either under Article 4 or Article 5 of the GE06 Agreement)	4.1.1 d)

1.1   Form *TB2* is to be used for notification of frequency assignments in the broadcasting service under Article 5 of the GE06 Agreement, with a view to their recording in the Master International Frequency Register (MIFR) only when the characteristics of the notified frequency assignments are *identical to those appearing in the assignment recorded in the analogue or digital Plans*.

1.2   The *TB2* notices *cannot* be used in the following situations relating to the notification of *digital* broadcasting assignments:

–   For notification of digital TV (DVB-T) assignments which appear in the Plan with the indication of Reference Planning Configuration (RPC1, RPC2 or RPC3). In these cases, when notifying frequency assignments for their recording in the MIFR, administrations must supply the specific system variant (A1 – A7 … F1 – F7) and the concerned reception mode (FX, PO, PI or MO).

–   For notification of digital TV (DVB-T) and Sound (T-DAB) assignments bearing remarks with respect to assignments in the analogue Plan, to existing assignments to other primary terrestrial services or to entries in the digital Plan. In these cases, when notifying frequency assignments for their recording in the MIFR, administrations must supply the necessary coordination information, as envisaged in provision No. 5.1.2b (second indent) of the GE06 Agreement.

1.3   In the situations explained above, administrations shall use either the form of notice *GS1* (for T-DAB) or the form of notice *GT1* (for a DVB-T).

2.   Considerations regarding the file structure and other indications

2.1   The file structure to be used for submission of electronic notices related to the VHF/UHF broadcasting service was described in Circular Letter CR/120 of 31 March 1999 and is not reproduced in this Circular Letter.

2.2 The tables in Annex 2 contain the description of the data items for the notice types applicable to the broadcasting service under the GE06 Agreement.

2.3 Given the current processing arrangements within the BR, it would be preferable if the digital broadcasting notices GT1, GS1, GT2, GS2, GA1 and GB1 are not mixed with the electronic notice types related to services other than broadcasting (such as T11-T14 and G11-G14). Administrations should also avoid including, in the electronic notice file containing digital broadcasting notices, other broadcasting notices (such as T01-T04, G02, TB1-TB9), to the maximum extent possible. Such an approach would facilitate the proper routing of the electronic notices to the appropriate BR processing system and would contribute to smooth processing of all electronic notices, within the statutory limits.

2.4 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

File format for submission of electronic notices

Contents:

Table	Notice form	Application
A2.1	GS1	T-DAB assignment
A2.2	GT1	DVB-T assignment
A2.3	GS2	T-DAB allotment
A2.4	GT2	DVB-T allotment
A2.5	GA1	T-DAB and DVB-T allotment sub-area
A2.6	G02	Analogue television broadcasting assignment
A2.7	GB1	Digital assignment with characteristics different from those appearing in the Plan for transmission in the broadcasting service

Key to the symbols used in Tables A2.1 to A2.7:

X	Data item is mandatory information
+	Data item is mandatory under the specified conditions
O	Data item is optional
C	Mandatory if used as a basis to effect coordination with another administration
−	Data item which should not be submitted

TABLE A2.1

GS1 – Format of electronic notice for a digital sound broadcasting (T-DAB) assignment

Section markers (in bold) and data items (values given as example only)			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.
t_adm = SUI	X	X	ITU symbols for administrations in the GE06 planning area	ITU symbol designating the administration responsible for submission.
t_email_addr = mail@ofcom.ch	O	O	30 characters	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 one notice.
t_notice_type = GS1	X	X	GS1	The type of notice is GS1 for T-DAB assignments.
t_fragment = GE06D	X	X	GE06D or NTFD_RR	GE06D if submitted under Article 4, or NTFD_RR if notified under Article 5 of GE06 Agreement.
t_action = ADD	X	X	ADD or MODIFY	The action to be taken regarding this notice.
t_is_pub_req = TRUE	X	–	TRUE or FALSE	TRUE if the administration requests the Bureau to apply the procedure contained in § 4.1.2.5.
t_adm_ref_id = SUI00001	X	X	20 characters	Unique identifier of the assignment, given by the administration.
t_plan_adm_ref_id	-	X	20 characters	Unique identifier of the associated Plan entry: - For a standalone or linked assignment, provide the unique identifier of the corresponding assignment in the Plan - For a converted assignment, provide the unique identifier of the corresponding allotment or the unique identifier of the corresponding converted assignment in the Plan. Please note that the existence of a corresponding converted assignment in the Plan has no impact as far as the examination of conformity to Plan is concerned.
t_trg_adm_ref_id =	+	+	20 characters	If action is MODIFY, provide unique identifier of the assignment to be modified. Additionally, mandatory if notified under Article 5 and if t_trg_freq_assgn, t_trg_long and t_trg_lat are not provided.
t_trg_freq_assgn =	-	+	173.5 to 226.5 or 474 to 858 as provided in Tables A.3.1-6, A.3.1-7, A.3.1-8, A.3.1-9, A.3.1-10, A.3.1-11, A.3.1-12, A.3.1-13 and A.3.1-14 of the GE06 Agreement	Assigned frequency (MHz) of the target assignment to be modified in the MIFR. Mandatory if t_trg_adm_ref_id is not provided.

t_trg_long = +0070600	-	+	+DDDMMSS -0300000 to +1700000	The longitude of the transmitting antenna site of the target assignment to be modified in the MIFR. Mandatory if t_trg_adm_ref_id is not provided.

Section markers (in bold) and data items (values given as example only)			Permissible value(s)	Comments
t_trg_lat = +463500	-	+	+DDMMSS -400000 to +890000	The latitude of the transmitting antenna site of the target assignment to be modified in the MIFR. Mandatory if t_trg_adm_ref_id is not provided.
t_plan_entry = 3	X	X	1, 2, 3, 4, or 5	One character code that identifies the type of Plan entry to which the assignment belongs. (1 Single Assignment, 2 - SFN, 3 - Allotment, 4 - Allotment with linked assignment(s) and SFN_id and 5 – Allotment with a single linked assignment and no SFN-ID) (See Annex 3 for further details).
t_assgn_code = C	X	X	L, C or S	Assignment code (L – linked with a SFN or an allotment, C – converted, S – standalone) (See Annex 3 for further details)
t_associated_adm_allot_id = SUIALL001	+	+	20 characters	If in case of linked or converted assignment, provide the unique identifier of T-DAB allotment to which this assignment is related (assigned by the administration).
t_associated_allot_sfn_id = SUISFN001	+	+	30 characters	If in case of a linked or converted assignment, provide the identification code for the SFN of the associated allotment to which this assignment is related. For Article 4 notices: Provide the identifier previously assigned by the administration or a new identification code if none currently exists in the Plan. For Article 5 notices: This field must be the identical to the SFN identifier of the associated allotment Plan entry. If a different SFN identifier is required, then the notifying administration should first apply a Plan modification procedure to modify the associated allotment Plan entry by using the relevant notice form GS2 or GT2. Note that if there are already assignments recorded in the Plan that are associated with this allotment and that form part of the same SFN, then these assignments would require similar modifications using notice forms GS1 or GT1.
t_sfn_id = SUISFN001	+	+	30 characters	If the assignment is part of a single frequency network (SFN), the identification code for the SFN is mandatory. The code must be identical to that of the associated allotment except for notification under 5.1.2 e) of the Agreement.
t_call_sign =	–	O	10 characters	Call sign or other identification used in accordance with Article 19 of the RR, if notified under Article 5.
t_freq_assgn = 174.928	X	X	174.928 to 229.072, according to Table A.3.1-15 of the GE06 Agreement	Assigned frequency (MHz).
t_offset =	+	+	From -500 to +500, - decimal (double)	If the centre frequency of the emission is offset from the assigned frequency, the frequency offset is in kHz. Frequency offset = (centre frequency of the emission) – (assigned frequency).

Section markers (in bold) and data items (values given as example only)			Permissible value(s)	Comments
t_d_inuse =	C	X	YYYY-MM-DD	Date (actual or foreseen, as appropriate) of bringing the frequency assignment (new or modified) into use.
t_d_expiry =	+	+	YYYY-MM-DD	If the assignment is subject to § 4.1.5.4 of Article 4, provide the expiry date of that period, i.e. the agreement of the administration(s) affected was obtained in accordance with this Article for a specific period of time.
t_site_name = GRUYERES	X	X	30 characters	The name of the site where the transmitting antenna is located.
t_ctry = SUI	X	X	ITU symbols for the geographical areas in the GE06 planning area	ITU symbol designating the geographical area where the transmitting antenna is located (see Preface to the BRIFIC).
t_long = +0070600	X	X	$\pm$DDDMMSS -0300000 to +1700000	The longitude of the transmitting antenna site.
t_lat = +463500	X	X	$\pm$DDMMSS -400000 to +890000	The latitude of the transmitting antenna site.
t_ref_plan_cfg = RPC4	X	X	RPC4 or RPC5	Reference Planning Configuration.
t_spect_mask = 1	X	X	1, 2 or 3	Type of spectrum mask (see § 3.6 of the GE06 Agreement).
t_erp_h_dbw = 30.0	+	+	$\leq$ 53.0	If the polarization is horizontal or mixed, provide the maximum effective radiated power of the horizontally polarized component in the horizontal plane (dBW).
t_erp_v_dbw = 30.0	+	+	$\leq$ 53.0	If the polarization is vertical or mixed, provide the maximum effective radiated power of the vertically polarized component in the horizontal plane (dBW).
t_ant_dir = D	X	X	D or ND	Antenna directivity (directional (D) or non-directional (ND)).
t_polar = M	X	X	H, V or M	Polarization (H – horizontal, or V – vertical, or M – mixed).
t_hgt_agl = 30	X	X	Between 0 and 800, integer	Height of transmitting antenna above ground level (m).
t_site_alt = +500	X	X	Between -1000 and 8850, integer	Altitude of the site above sea level (m) measured at the base of the transmitting antenna.
t_eff_hgtmax = 300	X	X	Between -3000 and 3000, value equal to the maximum value of the supplied effective heights, integer	Maximum effective antenna height (m).

Section markers (in bold) and data items (values given as example only)			Permissible value(s)	Comments
t_op_agcy =	–	O	Section 3 of Chapter IV of the Preface	Symbol for the operating agency (see the Preface).
t_addr_code =	–	X	Section 3 of Chapter IV of the Preface	Symbol for the address of the administration (see the Preface) responsible for the station and to which communication should be sent on urgent matters regarding interference, quality of emissions and questions referring to the technical operation of the circuit (see Article 15 of the RR).
t_op_hh_fr =	–	X	HHMM 0000 to 2359	Start time of the regular hours (UTC) of operation of the frequency assignment.
t_op_hh_to =	–	X	HHMM 0001 to 2400	Stop time of the regular hours (UTC) of operation of the frequency assignment.
t_is_resub =	–	X	TRUE or FALSE	TRUE if notified under Article 5 of the GE06 Agreement as part of provisions 5.1.6, 5.1.7 and 5.1.8.
t_remark_conds_met =	–	X	TRUE or FALSE	TRUE if the assignment is subject to § 5.1.2 of Article 5, a declaration by the notifying administration that all conditions associated with the remark are fully met for the submitted assignment for recording in the MIFR.
t_signed_commitment =	–	X	TRUE or FALSE	TRUE if the notification is accompanied by a signed commitment of operation in compliance with provisions 5.1.7 and 5.1.8. Mandatory if the notification is made under provisions 5.1.6 - 5.1.8 and t_is_resub is TRUE. In such cases, the signed commitment is submitted as an attachment.
t_remarks =	O	O	80 characters	Repeat as required.
<ANT_HGT>	X	X	<ANT_HGT>	Beginning of ANT_HGT sub-section containing effective antenna heights.
t_eff_hgt@azmzzz = 300	X	X	Between -3000 and 3000, maximum value of the height should not exceed t_eff_hgtmax, integer	Effective antenna height (m) 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).
</ANT_HGT>	X	X	</ANT_HGT>	End of ANT_HGT sub-section.
<ANT_DIAGR_H>	+	+	<ANT_DIAGR_H>	If the polarization is horizontal or mixed and antenna directivity is directional, beginning of ANT_DIAGR_H sub-section containing attenuation of the horizontal polarized component (dB) is required.
t_attn@azmzzz = 3.0	+	+	0.0 to 40.0	If the polarization is horizontal or mixed and antenna directivity is directional, provide 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>	If the polarization is horizontal or mixed and antenna directivity is directional, end of ANT_DIAGR_H sub-section is required.

Section markers (in bold) and data items (values given as example only)			Permissible value(s)	Comments
<ANT_DIAGR_V>	+	+	<ANT_DIAGR_V>	If the polarization is vertical or mixed and antenna directivity is directional, beginning of ANT_DIAGR_V sub-section containing attenuation of the vertical polarized component (dB) is required.
t_attn@azmzzz = 3.0	+	+	0.0 to 40.0	If the polarization is vertical or mixed and antenna directivity is directional, provide 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>	If the polarization is vertical or mixed and antenna directivity is directional, end of ANT_DIAGR_V sub-section is required.
<COORD>	+	+	<COORD>	If coordination is necessary and agreement has been successfully completed, beginning of COORD sub-section is required.
t_adm = F	+	+	ITU symbols for administrations	ITU symbol designating the administration with which coordination has been successfully completed. Repeat as appropriate.
</COORD>	+	+	</COORD>	If coordination is necessary and agreement has been successfully completed, end of COORD sub-section is required.
</NOTICE>	X	X		End of NOTICE section.
<NOTICE>	X	X		Beginning of NOTICE section for Notice 2.
				Data items for Notice 2.
</NOTICE>	X	X		End of NOTICE section for Notice 2.
<TAIL>	X	X		Beginning of TAIL section indicating the total number of notices in the notification file.
t_num_notices = 2	X	X		The number of notices contained in the file.
</TAIL>	X	X		End of TAIL section. End of the notification file.

TABLE A2.2

GT1 – Format of electronic notice for a digital television broadcasting (DVB-T) assignment

Section markers (in bold) and data items (values given as example only)			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.
t_adm = SUI	X	X	ITU symbols for administrations in the GE06 planning area	ITU symbol designating the administration responsible for submission.
t_email_addr = mail@ofcom.ch	O	O	30 characters	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 one notice.
t_notice_type = GT1	X	X	GT1	The type of notice is GT1 for DVB-T assignments.
t_fragment = GE06D	X	X	GE06D or NTFD_RR	GE06D if submitted under Article 4, or NTFD_RR if notified under Article 5 of GE06 Agreement.
t_action = ADD	X	X	ADD or MODIFY	The action to be taken regarding this notice.
t_is_pub_req = TRUE	X	–	TRUE or FALSE	TRUE if the administration requests the Bureau to apply the procedure contained in § 4.1.2.5.
t_adm_ref_id = SUI00001	X	X	20 characters	Unique identifier of the assignment, given by the administration.
t_plan_adm_ref_id	-	X	20 characters	Unique identifier of the associated Plan entry - For a standalone or linked assignment, provide the unique identifier of the corresponding assignment in the Plan - For a converted assignment, provide the unique identifier of the corresponding allotment or the unique identifier of the corresponding converted assignment in the Plan. Please note that the existence of a corresponding converted assignment in the Plan has no impact as far as the examination of conformity to Plan is concerned.
t_trg_adm_ref_id =	+	+	20 characters	If action is MODIFY, provide unique identifier of the assignment to be modified. Additionally, mandatory if notified under Article 5 and if t_trg_freq_assgn, t_trg_long and t_trg_lat are not provided.
t_trg_freq_assgn =	-	+	173.5 to 226.5 or 474 to 858 as provided in Tables A.3.1-6, A.3.1-7, A.3.1-8, A.3.1-9, A.3.1-10, A.3.1-11, A.3.1-12, A.3.1-13 and A.3.1-14 of the GE06 Agreement	Assigned frequency (MHz) of the target assignment to be modified in the MIFR. Mandatory if t_plan_adm_ref_id is not provided.

| t_trg_long = +0070600 | - | + | +DDDMMSS
-0300000 to +1700000 | The longitude of the transmitting antenna site of the target assignment to be modified in the MIFR. Mandatory if t_plan_adm_ref_id is not provided. |

Section markers (in bold) and data items (values given as example only)			Permissible value(s)	Comments
t_trg_lat = +463500	-	+	+DDMMSS -400000 to +890000	The latitude of the transmitting antenna site of the target assignment to be modified in the MIFR. Mandatory if t_plan_adm_ref_id is not provided.
t_plan_entry = 3	X	X	1, 2, 3, 4, or 5	One character code that identifies the type of Plan entry to which the assignment belongs. (1 Single Assignment, 2 - SFN, 3 - Allotment, 4 - Allotment with linked assignment(s) and SFN_id and 5 – Allotment with a single linked assignment and no SFN-ID) (See Annex 3 for further details).
t_assgn_code = C	X	X	L, C or S	Assignment code (L – linked with a SFN or an allotment, C – converted, S – standalone) (See Annex 3 for further details)
t_associated_adm_allot_id = SUIALL002	+	+	20 characters	If in case of linked or converted assignment, provide the unique identifier of DVB-T allotment to which this assignment is related (assigned by the administration).
t_associated_allot_sfn_id = SUISFN002	+	+	30 characters	If in case of a linked or converted assignment, provide the identification code for the SFN of the associated allotment to which this assignment is related. For Article 4 notices: Provide the identifier previously assigned by the administration or a new identification code if none currently exist in the Plan. For Article 5 notices: This field must be the identical to the SFN identifier of the associated allotment Plan entry. If a different SFN identifier is required, then the notifying administration should first apply a Plan modification procedure to modify the associated allotment Plan entry by using the relevant notice form GS2 or GT2. Note that if there are already assignments recorded in the Plan that are associated with this allotment and that form part of the same SFN, then these assignments would require similar modifications using notice forms GS1 or GT1.
t_sfn_id = SUISFN002	+	+	30 characters	If the assignment is part of a single frequency network (SFN), the identification code for the SFN is mandatory. The code must be identical to that of the associated allotment.
t_call_sign =	–	O	10 characters	Call sign or other identification used in accordance with Article 19 of the RR, if notified under Article 5.
t_freq_assgn = 177.5	X	X	177.5 to 226.5 or 474 to 858 according to Tables A.3.1-2, A.3.1-3, A.3.1-4 and A.3.1-5 of the GE06 Agreement	Assigned frequency (MHz).
t_offset =	+	+	Between -500 and +500, decimal (double)	If the centre frequency of the emission is offset from the assigned frequency, the frequency offset is in kHz. Frequency offset = (centre frequency of the emission) – (assigned frequency).

Section markers (in bold) and data items (values given as example only)			Permissible value(s)	Comments
t_d_inuse =	C	X	YYYY-MM-DD	Date (actual or foreseen, as appropriate) of bringing the frequency assignment (new or modified) into use.
t_d_expiry =	+	+	YYYY-MM-DD	If the assignment is subject to § 4.1.5.4 of Article 4, provide the expiry date of that period, i.e. the agreement of the administration(s) affected was obtained in accordance with this Article for a specific period of time.
t_site_name = GRUYERES	X	X	30 characters	The name of the site where the transmitting antenna is located.
t_ctry = SUI	X	X	ITU symbols for the geographical areas in the GE06 planning area	ITU symbol designating the geographical area where the transmitting antenna is located (see Preface to the BRIFIC).
t_long = +0070600	X	X	+DDDMMSS -0300000 to +1700000	The longitude of the transmitting antenna site.
t_lat = +463500	X	X	+DDMMSS -400000 to +890000	The latitude of the transmitting antenna site.
t_ref_plan_cfg = RPC1	+	−	RPC1, RPC2 or RPC3	If system variant and receive mode are not provided, Reference Planning Configuration is required.
t_sys_var =	+	X	First character (A, B, C, D, E or F) and second character (1, 2, 3, 5 or 7) according to Table A.3.1-1 of the GE06 Agreement	If the reference planning configuration is not provided.
t_rx_mode =	+	X	FX, PO, PI or MO	If the reference planning configuration is not provided.
t_spect_mask = N	X	X	N or S	Type of spectrum mask (see § 3.6 of the GE06 Agreement).
t_erp_h_dbw = 30.0	+	+	≤ 53.0	If the polarization is horizontal or mixed, provide the maximum effective radiated power of the horizontally polarized component in the horizontal plane (dBW).
t_erp_v_dbw = 30.0	+	+	≤ 53.0	If the polarization is vertical or mixed, provide the maximum effective radiated power of the vertically polarized component in the horizontal plane (dBW).
t_erp_beam_tilt_dbw =	O	O	≤ 53.0	Maximum effective radiated power in the plane defined by the beam tilt angle (dBW). If provided then the field t_beam_tilt_angle must be provided.
t_beam_tilt_angle =	O	O	Between -30.0 and 30.0	Beam tilt angle (degrees). If provided then the field t_erp_beam_tilt_dbw must be provided.
t_ant_dir = D	X	X	D or ND	Antenna directivity (directional (D) or non-directional (ND)).
t_polar = M	X	X	H, V or M	Polarization (H – horizontal, or V – vertical, or M – mixed).

Section markers (in bold) and data items (values given as example only)			Permissible value(s)	Comments
t_hgt_agl = 30	X	X	Between 0 and 800, integer	Height of transmitting antenna above ground level (m).
t_site_alt = +500	X	X	Between -1000 and 8850, integer	Altitude of the site above sea level (m) measured at the base of the transmitting antenna.
t_eff_hgtmax = 229	X	X	Between -3000 and 3000, value equal to the maximum value of the supplied effective heights, integer	Maximum effective antenna height (m).
t_op_agcy =	–	O	Section 3 of Chapter IV of the Preface	Symbol for the operating agency (see the Preface).
t_addr_code =	–	X	Section 3 of Chapter IV of the Preface	Symbol for the address of the administration (see the Preface) responsible for the station and to which communication should be sent on urgent matters regarding interference, quality of emissions and questions referring to the technical operation of the circuit (see Article 15 of the RR).
t_op_hh_fr =	–	X	HHMM 0000 to 2359	Start time of the regular hours (UTC) of operation of the frequency assignment.
t_op_hh_to =	–	X	HHMM 0001 to 2400	Stop time of the regular hours (UTC) of operation of the frequency assignment.
t_remark_conds_met =	–	X	TRUE or FALSE	TRUE if the assignment is subject to § 5.1.2 of Article 5, a declaration by the notifying administration that all conditions associated with the remark are fully met for the submitted assignment for recording in the MIFR.
t_is_resub =	–	X	TRUE or FALSE	TRUE if notified under Article 5 of the GE06 Agreement as part of provisions 5.1.6, 5.1.7 and 5.1.8.
t_signed_commitment =	–	X	TRUE or FALSE	TRUE if the notification is accompanied by a signed commitment of operation in compliance with provisions 5.1.7 and 5.1.8. Mandatory if the notification is made under provisions 5.1.6 - 5.1.8 and t_is_resub is TRUE. In such cases, the signed commitment is submitted as an attachment.
t_remarks =	O	O	80 characters	Repeat as required
<ANT_HGT>	X	X	<ANT_HGT>	Beginning of ANT_HGT sub-section containing effective antenna heights.
t_eff_hgt@azmzzz = 300	X	X	Between -3000 and 3000, maximum value of the height should not exceed t_eff_hgtmax, integer	Effective antenna height (m) 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).
</ANT_HGT>	X	X	</ANT_HGT>	End of ANT_HGT sub-section.

Section markers (in bold) and data items (values given as example only)			Permissible value(s)	Comments	Comments
\<ANT_DIAGR_H\>	+	+	\<ANT_DIAGR_H\>	If the polarization is horizontal or mixed and antenna directivity is directional, beginning of ANT_DIAGR_H sub-section containing attenuation of the horizontal polarized component (dB) is required.	
t_attn@azmzzz = 3.0	+	+	0.0 to 40.0	If the polarization is horizontal or mixed and antenna directivity is directional, provide 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\>	If the polarization is horizontal or mixed and antenna directivity is directional, end of sub-section is required.	
\<ANT_DIAGR_V\>	+	+	\<ANT_DIAGR_V\>	If the polarization is vertical or mixed and antenna directivity is directional, beginning of ANT_DIAGR_V sub-section containing attenuation of the vertical polarized component (dB) is required.	
t_attn@azmzzz = 3.0	+	+	0.0 to 40.0	If the polarization is vertical or mixed and antenna directivity is directional, provide 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\>	If the polarization is vertical or mixed and antenna directivity is directional, end of ANT_DIAGR_V sub-section is required.	
\<COORD\>	+	+	\<COORD\>	If coordination is necessary and agreement has been successfully completed, beginning of COORD sub-section is required.	
t_adm = F	+	+	ITU symbols for administrations	ITU symbol designating the administration with which coordination has been successfully completed. Repeat as appropriate.	
\</COORD\>	+	+	\</COORD\>	If coordination is necessary and agreement has been successfully completed, end of COORD sub-section is required.	
\</NOTICE\>	X	X		End of NOTICE section.	
\<NOTICE\>	X	X		Beginning of NOTICE section for Notice 2.	
				Data items for Notice 2.	
\</NOTICE\>	X	X		End of NOTICE section for Notice 2.	
\<TAIL\>	X	X		Beginning of TAIL section indicating the total number of notices in the notification file.	
t_num_notices = 2	X	X		The number of notices contained in the file.	
\</TAIL\>	X	X		End of TAIL section. End of the notification file.	

TABLE A2.3

GS2 – Format of electronic notice for a digital sound broadcasting (T-DAB) allotment

Section markers (in bold) and data items (values given as example only)	Art. 4	Permissible value(s)	Comments
<HEAD>	X	<HEAD>	Beginning of the HEAD section containing general data elements related to all notices.
t_char_set = ISO-8859-1	O	ISO-8859-1	The character set used in the file.
t_adm = SUI	X	ITU symbols for administrations in the GE06 planning area	ITU symbol designating the administration responsible for submission.
t_email_addr = mail@ofcom.ch	O	30 characters	The electronic mail address.
</HEAD>	X	</HEAD>	End of the HEAD section.
<NOTICE>	X	<NOTICE>	Beginning of NOTICE section containing data elements related to one notice.
t_notice_type = GS2	X	GS2	The type of notice is GS2 for T-DAB allotment.
t_fragment = GE06D	X	GE06D	
t_action = ADD	X	ADD or MODIFY	The action to be taken regarding this notice.
t_is_pub_req = TRUE	X	TRUE or FALSE	TRUE if the administration requests the Bureau to apply the procedure contained in § 4.1.2.5.
t_adm_ref_id = SUI00001	X	20 characters	Unique identifier of the allotment, given by the administration.
t_trg_adm_ref_id =	+	20 characters	If action is MODIFY, provide unique identifier of the allotment to be modified.
t_plan_entry = 3	X	3, 4 or 5	One character code that identifies the type of Plan entry to which the assignment belongs (3 – Allotment, 4 – Allotment with linked assignment(s) and SFN_id, 5 – Allotment with a single linked assignment and no SFN_id) (See Annex 3 for further details).
t_sfn_id = SUISFN001	+	30 characters	If the allotment is associated with a single frequency network (SFN), the identification code for the SFN is mandatory.
t_freq_assgn = 174.928	X	174.928 – 229.072 according to Table A.3.1-15 of the GE06 Agreement	Assigned frequency (MHz).
t_offset =	+	Between -500 and + 500, decimal (double)	If the centre frequency of the emission is offset from the assigned frequency, the frequency offset is in kHz.

Section markers (in bold) and data items (values given as example only)	Art. 4	Permissible value(s)	Comments
			Frequency offset = (centre frequency of the emission) – (assigned frequency)
t_d_expiry =	+	YYYY-MM-DD	If the allotment is subject to § 4.1.5.4 of Article 4, the expiry date of that period, i.e. the agreement of the administration(s) affected was obtained in accordance with this Article for a specific period of time.
t_allot_name = GRUYERES	X	30 characters	Digital broadcasting allotment name.
t_ctry = SUI	X	ITU symbols for the geographical areas in the GE06 planning area	ITU symbol designating the geographical area where the transmitting antenna is located (see Preface to the BRIFIC).
t_geo_area =	+	ITU symbols for the geographical areas in the GE06 planning area	If all test points of the allotment are on the boundary of geographical area, provide the symbol for this geographical area.
t_nb_sub_areas = 2	+	1-9	If all the test points for the allotment are not on the country or geographical area boundary, provide the number (up to 9) of sub-areas within this allotment (if there is no subdivision, enter 1 for the unique contour number). For each new sub-area fill-in GA1, see Table A2.5.
t_contour_id = 0001	X	0 to 9999	Unique contour number of sub-area, repeating for all contours that make up the allotment area.
t_contour_id = 0002	X	0 to 9999	Unique contour number of sub-area, repeating for all contours that make up the allotment area.
t_ref_plan_cfg = RPC4	X	RPC4 or RPC5	Reference Planning Configuration.
t_spect_mask = 1	C	1, 2 or 3	Type of spectrum mask (see § 3.6 of the GE06 Agreement).
t_polar = H	X	H, V, M or U	Polarization (H – horizontal, or V – vertical, M – mixed, or U-unspecified). Unspecified means that it can be H, V or M. At all times during assessment for the RPC and RN, all the power in the horizontal polarization, or all the power in the vertical polarization, or in the case of mixed polarization the power sum of the horizontal and vertical components, shall remain constant. For the reference network, the same pattern shall be used for both polarizations.
t_remarks =	O	80 characters	Repeat as required.
<COORD>	+	<COORD>	If coordination is necessary and agreement has been successfully completed, beginning of COORD sub-section is required.
t_adm = F	+	ITU symbols for administrations	ITU symbol designating the administration with which coordination has been successfully completed. Repeat as appropriate.
</COORD>	+	</COORD>	If coordination is necessary and agreement has been successfully completed, end of COORD sub-section is required.
</NOTICE>	X		End of NOTICE section.

Section markers (in bold) and data items (values given as example only)	Art. 4	Permissible value(s)	Comments
<NOTICE>	X		Beginning of NOTICE section for Notice 2.
			Data items for Notice 2.
</NOTICE>	X		End of NOTICE section for Notice 2.
<TAIL>	X		Beginning of TAIL section indicating the total number of notices in the notification file.
t_num_notices = 2	X		The number of notices contained in the file.
</TAIL>	X		End of TAIL section. End of the notification file.

TABLE A2.4

GT2 – Format of electronic notice for a digital television broadcasting (DVB-T) allotment

Section markers (in bold) and data items (values given as example only)	Art. 4	Permissible value(s)	Comments
<HEAD>	X	<HEAD>	Beginning of the HEAD section containing general data elements related to all notices.
t_char_set = ISO-8859-1	O	ISO-8859-1	The character set used in the file.
t_adm = SUI	X	ITU symbols for administrations in the GE06 planning area	ITU symbol designating the administration responsible for submission.
t_email_addr = mail@ofcom.ch	O	30 characters	The electronic mail address.
</HEAD>	X	</HEAD>	End of the HEAD section.
<NOTICE>	X	<NOTICE>	Beginning of NOTICE section containing data elements related to one notice.
t_notice_type = GT2	X	GT2	The type of notice is GT2 for DVB-T allotment.
t_fragment = GE06D	X	GE06D	
t_action = ADD	X	ADD or MODIFY	The action to be taken regarding this notice.
t_is_pub_req = TRUE	X	TRUE or FALSE	TRUE if the administration requests the Bureau to apply the procedure contained in § 4.1.2.5.
t_adm_ref_id = SUI00001	X	20 characters	Unique identifier of the allotment, given by the administration.
t_trg_adm_ref_id =	+	20 characters	If action is MODIFY, provide the unique identifier of the allotment to be modified.
t_plan_entry = 3	X	3, 4 or 5	One character code that identifies the type of Plan entry to which the allotment belongs. (3 – Allotment, 4 - Allotment with linked assignment(s) and SFN_id and 5 – Allotment with a single linked assignment and no SFN-ID) (See Annex 3 for further details).
t_sfn_id = SUISFN003	+	30 characters	If the allotment is part of a single frequency network (SFN), the identification code for the SFN is mandatory.
t_freq_assgn = 177.5	X	177.5 to 226.5 or 474 to 858 according to Tables A.3.1-2, A.3.1-3, A.3.1-4 and A.3.1-5 of the GE06 Agreement	Assigned frequency (MHz).

Section markers (in bold) and data items (values given as example only)	Art. 4	Permissible value(s)	Comments
t_offset =	+	Between -500 and + 500. decimal (double)	If the centre frequency of the emission is offset from the assigned frequency, the frequency offset is in kHz. Frequency offset = (centre frequency of the emission) – (assigned frequency).
t_d_expiry =	+	YYYY-MM-DD	If the allotment is subject to § 4.1.5.4 of Article 4, the expiry date of that period, i.e. the agreement of the administration(s) affected was obtained in accordance with this Article for a specific period of time.
t_allot_name = GRUYERES	X	30 characters	Digital broadcasting allotment name.
t_ctry = SUI	X	ITU symbols for the geographical areas in the GE06 planning area	ITU symbol designating the geographical area where the allotment area is located (see Preface to the BRIFIC).
t_geo_area =	+	ITU symbols for the geographical areas in the GE06 planning area	If all test points of the allotment are on the boundary of geographical area, provide the symbol for this geographical area.
t_nb_sub_areas = 1	+	1-9	If all the test points for the allotment are not on the country or geographical area boundary, provide the number (up to 9) of sub-areas within this allotment (if there is no subdivision, enter 1 for the unique contour number). For each new sub-area fill-in GA1, see Table A2.5.
t_contour_id = 0003	X	0 to 9999	Unique contour number of sub-area, repeating for all contours that make up the allotment area.
t_ref_plan_cfg = RPC1	X	RPC1, RPC2 or RPC3	Reference Planning Configuration.
t_typ_ref_netwk = RN1	X	RN1, RN2, RN3 or RN4	Type of Reference Network.
t_spect_mask = N	C	N or S	Type of spectrum mask (see § 3.6 of the GE06 Agreement).
t_polar = H	X	H, V, M or U	Polarization (H – horizontal, or V – vertical, M – mixed, or U-unspecified). Unspecified means that it can be H, V or M. At all times during assessment for the RPC and RN, all the power in the horizontal polarization, or all the power in the vertical polarization, or in the case of mixed polarization the power sum of the horizontal and vertical components, shall remain constant. For the reference network, the same pattern shall be used for both polarizations.
t_remarks =	O	80 characters	Repeat as required.
<COORD>	+	<COORD>	If coordination is necessary and agreement has been successfully completed, beginning of COORD sub-section is required.
t_adm = F	+	ITU symbols for administrations	ITU symbol designating the administration with which coordination has been successfully completed. Repeat as appropriate.
</COORD>	+	</COORD>	If coordination is necessary and agreement has been successfully completed, end of COORD sub-section is required.

Section markers (in bold) and data items (values given as example only)	Art. 4	Permissible value(s)	Comments
</NOTICE>	X		End of NOTICE section.
<NOTICE>	X		Beginning of NOTICE section for Notice 2.
			Data items for Notice 2.
</NOTICE>	X		End of NOTICE section for Notice 2.
<TAIL>	X		Beginning of TAIL section indicating the total number of notices in the notification file.
t_num_notices = 2	X		The number of notices contained in the file.
</TAIL>	X		End of TAIL section. End of the notification file.

TABLE A2.5

GA1 – Format of electronic notice for an allotment sub-area for digital broadcasting (DVB-T or T-DAB)

Section markers (in bold) and data items (values given as example only)	Art. 4	Permissible value(s)	Comments
<HEAD>	X	<HEAD>	Beginning of the HEAD section containing general data elements related to all notices.
t_char_set = ISO-8859-1	O	ISO-8859-1	The character set used in the file.
t_adm = SUI	X	ITU symbols for administrations in the GE06 planning area	ITU symbol designating the administration responsible for submission.
t_email_addr = mail@ofcom.ch	O	30 characters	The electronic mail address.
</HEAD>	X	</HEAD>	End of the HEAD section.
<NOTICE>	X	<NOTICE>	Beginning of NOTICE section containing data elements related to one notice.
t_notice_type = GA1	X	GA1	The type of notice is GA1 for T-DAB and DVB-T sub allotment area.
t_action = ADD	X	ADD or SUPPRESS	The action to be taken regarding this notice. For modifying an existing sub-allotment area, first ADD a new sub-allotment area and request deletion of the former.
t_ctry = SUI	X	ITU symbols for the geographical areas in the GE06 planning area	ITU Symbol designating the geographical area where the allotment area is located (see Preface to the BRIFIC).
t_contour_id = 0003	X	0 to 9999	Unique contour number of sub-area, repeating for all contours that make up the allotment area.
t_nb_test_pts = 60	X	From 3 to 99	Number of test points (maximum of 99).
t_remarks =	O	80 characters	Repeat as required
<POINT>	X		Beginning of POINT sub-section for test point 1. Points should be provided in the correct consecutive order and no segment between any two consecutive points may cross another segment.
t_lat = +453700	X	+DDMMSS −400000 to +890000	The latitude of the test point 1.
t_long = +0070700	X	+DDDMMSS −0300000 to +1700000	The longitude of the test point 1.
</POINT >	X		End of POINT sub-section for test point 1.

Section markers (in bold) and data items (values given as example only)	Art. 4	Permissible value(s)	Comments
<POINT>	X		Beginning of POINT sub-section for test point 2. Repeat for next test point in correct sequence.
t_lat = +453710	X	+DDMMSS -400000 to +890000	The latitude of the test point 2.
t_long = +0070710	X	+DDDMMSS -0300000 to +1700000	The longitude of the test point 2.
</POINT >	X		End of POINT sub-section for test point 2.
……..			Repeat as appropriate.
<POINT>	X		Beginning of POINT sub-section for test point n (60 in this example). The nth point could optionally have the same geographical coordinates as the first point.
t_lat = ….	X	+DDMMSS -400000 to +890000	The latitude of the test point n
t_long = ….	X	+DDDMMSS -0300000 to +1700000	The longitude of the test point n
</POINT>	X		End of POINT sub-section for test point n (60 in this example).
</NOTICE>	X		End of NOTICE section.
<NOTICE>	X		Beginning of NOTICE section for Notice 2.
			Data items for Notice 2.
</NOTICE>	X		End of NOTICE section for Notice 2.
<TAIL>	X		Beginning of TAIL section indicating the total number of notices in the notification file.
t_num_notices = 2	X		The number of notices contained in the file.
</TAIL>	X		End of TAIL section. End of the notification file.

TABLE A2.6

G02 – Format of electronic notice for an analogue television broadcasting assignment

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.
t_adm = SUI	X	X	ITU symbols for administrations in the GE06 planning area	ITU symbol designating the administration responsible for submission.
t_email_addr = mail@ofcom.ch	O	O	A registered and valid electronic mail address, characters	The electronic mail address. There is no limit on the number of characters per line.
</HEAD>	X	X	</HEAD>	End of the HEAD section.
<NOTICE>	X	X	<NOTICE>	Beginning of NOTICE section containing data elements related to one notice.
t_notice_type = G02	X	X	G02	The type of notice is G02 for an analogue television assignment.
t_fragment = GE06A	X	X	GE06A or NTFD_RR	GE06A if submitted under Article 4 or NTFD_RR if notified under Article 5 of GE06 Agreement.
t_action = ADD	X	X	ADD or MODIFY	The action to be taken regarding this notice.
t_is_pub_req = TRUE	X	–	TRUE or FALSE	TRUE if the administration requests the Bureau to apply the procedure contained in § 4.1.2.5.
t_adm_ref_id = SUI00001	X	X	20 characters	Unique identifier of the assignment, given by the administration.
t_trg_adm_ref_id =	+	+	20 characters	If action is MODIFY, provide the unique identifier of the assignment to be modified. Mandatory if t_trg_freq_assgn, t_trg_long and t_trg_lat are not provided.
t_trg_freq_assgn =	+	+	173.5 to 226.5 or 474 to 858 as provided in Tables A.3.1-6, A.3.1-7, A.3.1-8, A.3.1-9, A.3.1-10, A.3.1-11, A.3.1-12, A.3.1-13 and A.3.1-14 of the GE06 Agreement	Assigned frequency (MHz) of the target assignment in the Plan. Mandatory if t_trg_adm_ref_id is not provided.
t_trg_long = +0070600	+	+	+DDDMMSS -0300000 to +1700000	The longitude of the target transmitting antenna site in the Plan. Mandatory if t_trg_adm_ref_id is not provided.

Section markers (in bold) and data items (values given as example only)			Permissible value(s)	Comments
t_trg_lat = +463500	+	+	+DDMMSS -400000 to +890000	The latitude of the target transmitting antenna site in the Plan. Mandatory if t_trg_adm_ref_id is not provided.
t_call_sign =	–	O	10 characters	Call sign or other identification used in accordance with Article 19 of the RR, If notified under Article 5.
t_freq_assgn = 177.5	X	X	173.5 to 226.5 or 474 to 858 as provided in Tables A.3.1-6, A.3.1-7, A.3.1-8, A.3.1-9, A.3.1-10, A.3.1-11, A.3.1-12, A.3.1-13 and A.3.1-14 of the GE06 Agreement	Assigned frequency (MHz).
t_oset_v_12 = 0	+	+	-399 to +399	Vision carrier frequency offset, expressed as a multiple of 1/12 of the line frequency of the television system concerned, expressed by a number (positive or negative), if the vision carrier frequency offset is not provided in t_oset_v_khz.
t_oset_v_khz =	+	+	-500.000 to +500.000	Vision carrier frequency offset, expressed by a number (positive or negative) in kHz, if the vision carrier frequency offset is not provided in t_oset_v_12.
t_oset_s_12 =	+	+	-399 to +399	If the sound carrier frequency offset is different from the vision carrier frequency offset, the sound carrier frequency offset expressed as a multiple of 1/12 of the line frequency of the television system concerned, expressed by a number (positive or negative) and if the sound carrier frequency offset is not provided in t_oset_s_khz.
t_oset_s_khz =	+	+	-500.000 to +500.000	If the sound carrier frequency offset is different from the vision carrier frequency offset, the sound carrier frequency offset expressed as a number (positive or negative) in kHz and if the sound carrier offset is not provided in t_oset_s_12.
t_d_inuse =	C	X	YYYY-MM-DD	Date (actual or foreseen, as appropriate) of bringing the frequency assignment (new or modified) into use.
t_d_expiry =	+	+	YYYY-MM-DD	If the assignment is subject to § 4.1.5.4 of Article 4, the expiry date of that period, i.e. the agreement of the administration(s) affected was obtained in accordance with this Article for a specific period of time.
t_site_name = GRUYERES	X	X	30 characters	The name of the site where the transmitting antenna is located.
t_ctry = SUI	X	X	ITU symbols for the geographical areas in the GE06 planning area	ITU symbol designating the geographical area where the transmitting antenna is located (see Preface to the BRIFIC).
t_long = +0070600	X	X	+DDDMMSS -0300000 to +1700000	The longitude of the transmitting antenna site.

Section markers (in bold) and data items (values given as example only)			Permissible value(s)	Comments
t_lat = +463500	X	X	+DDMMSS -400000 to +890000	The latitude of the transmitting antenna site.
t_freq_stabl = NORMAL	X	X	RELAXED, NORMAL or PRECISION	Frequency stability indicator.
t_tran_sys = G	X	X	B, B1, D, D1, G, H, I, K, K1, L or M	Symbol corresponding to the television system.
t_color = P	X	X	P or S	Symbol corresponding to the colour system, P = PAL, S = SECAM.
t_erp_h_dbw = 30	+	+	≤ 73.0	If the polarization is horizontal or mixed, provide the maximum effective radiated power of the horizontally polarized component (dBW).
t_erp_v_dbw =	+	+	≤ 73.0	If the polarization is vertical or mixed, provide the maximum effective radiated power of the vertically polarized component (dBW).
t_pwr_ratio = 13	X	X	0 to 20.0	Vision/sound carrier power ratio.
t_ant_dir = D	X	X	D or ND	Antenna directivity (directional (D) or non-directional (ND)).
t_polar = M	X	X	H, V or M	Polarization (H – horizontal, or V – vertical, or M – mixed).
t_hgt_agl = 30	X	X	Between 0 and 800, integer	Height of transmitting antenna above ground level (m).
t_site_alt = +500	X	X	Between -1000 and 8850, integer	Altitude of the site above sea level (m) measured at the base of the transmitting antenna.
t_eff_hgtmax = 300	X	X	Between -3000 and 3000, value equal to or greater than the maximum value of the supplied effective heights, integer	Maximum effective antenna height (m).
t_op_agcy =	–	O	Section 3 of Chapter IV of the Preface	Symbol for the operating agency (see the Preface).
t_addr_code =	–	X	Section 3 of Chapter IV of the Preface	Symbol for the address of the administration (see the Preface) responsible for the station and to which communication should be sent on urgent matters regarding interference, quality of emissions and questions referring to the technical operation of the circuit (see Article 15 of the RR).
t_op_hh_fr =	C	X	HHMM 0000 to 2359	The start time of the regular hours (UTC) of operation of the frequency assignment.

Section markers (in bold) and data items (values given as example only)			Permissible value(s)	Comments
t_op_hh_to =	C	X	HHMM 0001 to 2400	The stop time of the regular hours (UTC) of operation of the frequency assignment.
t_plan_ adm_ref_id =	–	+	20 characters	If notified under provision 5.1.3. Unique identifier given by the administration to the target digital broadcasting entry in the GE06 Plan for which provision 5.1.3 of the GE06 Agreement, applies.
t_pwr_dens =	–	+	Between -200.0 and +30.0	If notified under provision 5.1.3. Maximum power density (dB(W/Hz)) averaged over the worst 4 kHz calculated for the maximum effective radiated power.
t_is_resub =	–	X	TRUE or FALSE	TRUE if notified under Article 5 of the GE06 Agreement as part of provisions 5.1.6, 5.1.7 and 5.1.8.
t_signed_commitment =	–	X	TRUE or FALSE	TRUE if the notification is accompanied by a signed commitment of operation in compliance with provisions 5.1.7 and 5.1.8. Mandatory if the notification is made under the provisions 5.1.6 - 5.1.8 and t_is_resub is TRUE. In such cases, the signed commitment is submitted as an attachment.
t_remarks =	O	O	Characters	There is no limit on the number of characters per line nor is there a limit on the number of t_remarks keys which may be included in a given notice.
t_remark_conds_met =	–	X	TRUE or FALSE	TRUE if the assignment is subject to § 5.1.3 of Article 5, a declaration by the notifying administration that all conditions associated with the remark(s) related to the digital Plan entry are fully met for recording the notified assignment in the MIFR.
<ANT_HGT>	X	X	<ANT_HGT>	Beginning of ANT_HGT sub-section containing effective antenna heights.
t_eff_hgt@azmzzz = 300	X	X	Between -3000 and 3000 Maximum value of the height should not exceed t_eff_hgtmax, integer	Effective antenna height (m) 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).
</ANT_HGT>	X	X	</ANT_HGT>	End of ANT_HGT sub-section.
<ANT_DIAGR_H>	+	+	<ANT_DIAGR_H>	If the polarization is horizontal or mixed and antenna directivity is directional, beginning of ANT_DIAGR_H sub-section containing attenuation of the horizontal polarized component (dB) is required.
t_attn@azmzzz = 3.0	+	+	Equal to or greater than 0.0	If the polarization is horizontal or mixed and antenna directivity is directional, provide the value of the antenna attenuation (dB) of the horizontally polarized component 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>	If the polarization is horizontal or mixed and antenna directivity is directional, end of ANT_DIAGR_H sub-section is required.

Section markers (in bold) and data items (values given as example only)			Permissible value(s)	Comments
<ANT_DIAGR_V>	+	+	<ANT_DIAGR_V>	If the polarization is vertical or mixed and antenna directivity is directional, beginning of ANT_DIAGR_V sub-section containing attenuation of the vertical polarized component (dB) is required.
t_attn@azmzzz = 3.0	+	+	Equal to or greater than 0.0	If the polarization is vertical or mixed and antenna directivity is directional, provide the value of the antenna attenuation (dB) of the vertically polarized component 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>	If the polarization is vertical or mixed and antenna directivity is directional, end of ANT_DIAGR_V sub-section is required.
<COORD>	+	+	<COORD>	If coordination is necessary and agreement has been successfully completed, beginning of COORD sub-section is required.
t_adm = F	+	+	ITU symbols for administrations	ITU symbol designating the administration with which coordination has been successfully completed. Repeat as appropriate.
</COORD>	+	+	</COORD>	If coordination is necessary and agreement has been successfully completed, end of COORD sub-section is required.
</NOTICE>	X	X		End of NOTICE section.
<NOTICE>	X	X		Beginning of NOTICE section for Notice 2.
				Data items for Notice 2.
</NOTICE>	X	X		End of NOTICE section for Notice 2.
<TAIL>	X	X		Beginning of TAIL section indicating the total number of notices in the notification file.
t_num_notices = 2	X	X		The number of notices contained in the file.
</TAIL>	X	X		End of TAIL section. End of the notification file.

TABLE A2.7

**GB1 – Format of electronic notice for notification of a digital assignment with characteristics different from those appearing in the Plan
for transmission in the broadcasting service**

Section markers (in bold) and data items (values given as example only)	Art. 5	Permissible value(s)	Comments
\<HEAD\>	X	\<HEAD\>	Beginning of the HEAD section containing general data elements related to all notices.
t_char_set = ISO-8859 -1	O	ISO-8859-1	The character set used in the file.
t_adm = SUI	X	ITU symbols for administrations in the GE06 planning area	ITU symbol designating the administration responsible for submission.
t_email_addr = mail@ofcom.ch	O	30 characters	The electronic mail address.
\</HEAD\>	X	\</HEAD\>	End of the HEAD section.
\<NOTICE\>	X	\<NOTICE\>	Beginning of NOTICE section containing data elements related to one notice.
t_notice_type = GB1	X	GB1	The type of notice is GB1 for assignments to broadcasting applications under provision 5.1.3 of the GE06 Agreement that are using characteristics that differ from those of the reference digital broadcasting entry in the Plan. Analogue television assignments are to be notified under G02, including under provision 5.1.3 of the GE06 Agreement, see Annex 3.
t_fragment = NTFD_RR	X	NTFD_RR	Notified under Article 5 of GE06 Agreement.
t_action = ADD	X	ADD or MODIFY	The action to be taken regarding this notice.
t_adm_ref_id = SUI00001	X	20 characters	Unique identifier of the assignment, given by the administration.
t_trg_adm_ref_id =	+	20 characters	If action is MODIFY, provide the unique identifier of the assignment to be modified.
t_plan_entry = 3	X	1, 2, 3, 4, or 5	One character code that identifies the type of Plan entry to which the assignment belongs. (1 single Assignment, 2 - SFN, 3 - Allotment, 4 - Allotment with linked assignment(s) and SFN_id and 5 - Allotment with a single linked assignment and no SFN-ID) (See Annex 3 for further details).
t_assgn_code = C	X	L, C or S	Assignment Code (L – linked with a SFN or an allotment, C – converted, S – standalone).
t_associated_adm_allot_id = SUIALL001	+	20 characters	If in case of linked or converted assignment, provide the unique identifier of allotment to which this assignment is related (assigned by the administration).

Section markers (in bold) and data items (values given as example only)	Art. 5	Permissible value(s)	Comments
t_associated_allot_sfn_id = SUISFN001	+	30 characters	If in case of a linked or converted assignment, provide the identification code for the SFN of the associated allotment to which this assignment is related. For Article 4 notices: Provide the identifier previously assigned by the administration or a new identification code if none currently exist in the Plan. For Article 5 notices: This field must be the identical to the SFN identifier of the associated allotment Plan entry. If a different SFN identifier is required, then the notifying administration should first apply a Plan modification procedure to modify the associated allotment Plan entry by using the relevant notice form GS2 or GT2. Note that if there are already assignments recorded in the Plan that are associated with this allotment and that form part of the same SFN, then these assignments would require similar modifications using notice forms GS1 or GT1.
t_sfn_id = SUISFN001	+	30 characters	If the assignment is part of a single frequency network (SFN), the identification code for the SFN is mandatory. The code is not required to be identical to that of the associated allotment.
t_call_sign =	O	10 characters	Call sign or other identification used in accordance with Article 19 of the RR.
t_freq_assgn = 177.5	X	Between 174 MHz and 230 MHz or between 474 MHz and 862 MHz	Assigned frequency (MHz).
t_d_inuse = 2007-06-15	X	YYYY-MM-DD	Date of bringing the frequency assignment into use.
t_d_expiry =	+	YYYY-MM-DD	If the assignment is subject to § 4.1.5.4 of Article 4, the expiry date of that period, i.e. the agreement of the administration(s) affected was obtained in accordance with this Article for a specific period of time.
t_site_name = GRUYERES	X	30 characters	The name of the site where the transmitting antenna is located.
t_ctry = SUI	X	ITU symbols for the geographical areas in the GE06 planning area	ITU symbol designating the geographical area where the transmitting antenna is located (see Preface to the BRIFIC).
t_long = +0070600	X	+DDDMMSS -0300000 to +1700000	The longitude of the transmitting antenna site.
t_lat = +463500	X	+DDMMSS -400000 to +890000	The latitude of the transmitting antenna site.
t_erp_h_dbw = 30.0	+	≤ 53.0	If the polarization is horizontal or mixed, provide the maximum effective radiated power of the horizontally polarized component in the horizontal plane (dBW).
t_erp_v_dbw = 30.0	+	≤ 53.0	If the polarization is vertical or mixed, provide the maximum effective radiated power of the vertically polarized component in the horizontal plane (dBW).

Section markers (in bold) and data items (values given as example only)	Art. 5	Permissible value(s)	Comments
t_erp_beam_tilt_dbw =	O	≤ 53.0	Maximum effective radiated power in the plane defined by the beam tilt angle (dBW). If provided then the field t_beam_tilt_angle must be provided.
t_beam_tilt_angle =	O	Between -30.0 and 30.0	Beam tilt angle (degrees). If provided then the field t_erp_beam_tilt_dbw must be provided.
t_ant_dir = D	X	D or ND	Antenna directivity (directional (D) or non-directional (ND)).
t_polar = M	X	H, V or M	Polarization (H – horizontal, or V – vertical, or M – mixed).
t_hgt_agl = 30	X	Between 0 and 800 metres, integer	Height of transmitting antenna above ground level (m).
t_site_alt = +500	X	Between -1000 and 8850 metres, integer	Altitude of the site above sea level (m) measured at the base of the transmitting antenna.
t_eff_hgtmax = 229	X	Between -3000 and 3000 metres, value equal to the maximum value of the supplied effective heights, integer	Maximum effective antenna height (m).
t_op_agcy = A	O	Section 3 of Chapter IV of the Preface	Symbol for the operating agency (see the Preface).
t_addr_code = 02	X	Section 3 of Chapter IV of the Preface	Symbol for the address of the administration (see the Preface) responsible for the station and to which communication should be sent on urgent matters regarding interference, quality of emissions and questions referring to the technical operation of the circuit (see Article 15 of the RR).
t_op_hh_fr = 0000	X	HHMM 0000 to 2359	The start time of the regular hours (UTC) of operation of the frequency assignment.
t_op_hh_to = 2400	X	HHMM 0001 to 2400	The stop time of the regular hours (UTC) of operation of the frequency assignment.
t_plan_ adm_ref_id = SUI00001	X	20 characters	Unique identifier given by the administration to the target digital allotment or assignment in the GE06 Plan for which provision 5.1.3 of the GE06 Agreement applies.
t_pwr_dens = -10.0	X	Between -200.0 and +30.0	Maximum power density (dB(W/Hz)) averaged over the worst 4 kHz calculated for the maximum effective radiated power.
t_stn_cls = BT	X	BC or BT	The class of station of the assignment under treatment. Use BT if the station operates as a combination of sound and television or other broadcasting applications.

Section markers (in bold) and data items (values given as example only)	Art. 5	Permissible value(s)	Comments
t_emi_cls = X7FXF	X	Five characters in accordance with Appendix 1 of RR	The class of emission of the assignment under treatment.
t_bdwdth = 7000	X	The necessary bandwidth	The necessary bandwidth of the system to be implemented (kHz).
t_remark_conds_met = TRUE	X	TRUE or FALSE	TRUE if the assignment is subject to § 5.1.2 of Article 5, a declaration by the notifying administration that all conditions associated with the remark are fully met for the submitted assignment for recording in the MIFR.
t_is_resub = FALSE	X	TRUE or FALSE	TRUE if notified under provisions 5.1.6, 5.1.7 and 5.1.8.
t_signed_commitment = FALSE	X	TRUE or FALSE	TRUE, if the notification is accompanied by a signed commitment of operation in compliance with provisions 5.1.7 and 5.1.8. Mandatory if the notification is made under the provisions 5.1.6 - 5.1.8 and t_is_resub is TRUE. In such cases, the signed commitment is submitted as an attachment.
t_remarks =	O	80 characters	Repeat as required.
<ANT_HGT>	X	<ANT_HGT>	Beginning of ANT_HGT sub-section containing effective antenna heights**.**
t_eff_hgt@azmzzz = 300	X	Between -3000 and 3000, maximum value of the height should not exceed t_eff_hgtmax, integer	Effective antenna height (m) 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).
</ANT_HGT>	X	</ANT_HGT>	End of ANT_HGT sub-section.
<ANT_DIAGR_H>	+	<ANT_DIAGR_H>	If the polarization is horizontal or mixed and antenna directivity is directional, beginning of ANT_DIAGR_H sub-section containing attenuation of the horizontal polarized component (dB) is required.
t_attn@azmzzz = 3.0	+	0.0 to 40.0 dB	If the polarization is horizontal or mixed and antenna directivity is directional, provide 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>	If the polarization is horizontal or mixed and antenna directivity is directional, end of ANT_DIAGR_H sub-section is required.
<ANT_DIAGR_V>	+	<ANT_DIAGR_V>	If the polarization is vertical or mixed and antenna directivity is directional, beginning of ANT_DIAGR_V sub-section containing attenuation of the vertical polarized component (dB) is required.
t_attn@azmzzz = 3.0	+	0.0 to 40.0 dB	If the polarization is vertical or mixed and antenna directivity is directional, provide 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.

Section markers (in bold) and data items (values given as example only)	Art. 5	Permissible value(s)	Comments
</ANT_DIAGR_V>	+	</ANT_DIAGR_V>	If the polarization is vertical or mixed and antenna directivity is directional, end of ANT_DIAGR_V sub-section is required.
<COORD>	+	<COORD>	If coordination is necessary and agreement has been successfully completed, beginning of COORD sub-section is required.
t_adm = F	+	ITU symbols for administrations	ITU symbol designating the administration with which coordination has been successfully completed. Repeat as appropriate.
</COORD>	+	</COORD>	If coordination is necessary and agreement has been successfully completed, end of COORD sub-section is required.
</NOTICE>	X		End of NOTICE section.
<NOTICE>	X		Beginning of NOTICE section for Notice 2.
			Data items for Notice 2.
</NOTICE>	X		End of NOTICE section for Notice 2.
<TAIL>	X		Beginning of TAIL section indicating the total number of notices in the notification file.
t_num_notices = 2	X		The number of notices contained in the file.
</TAIL>	X		End of TAIL section. End of the notification file.

PART 3

Valid combinations of the Plan entry and assignment codes

TABLE A3.1

For digital broadcasting assignments submitted or notified using forms GT1, GS1 and GB1

Plan entry code (t_plan_entry)	Network topology	Article 4 / Article 5		
		SFN identifier (t_sfn_id)	Allotment identifier (t_adm_allot_id)	Assignment code (t_assgn_code)
1	One standalone assignment	Must not be provided	Must not be provided	S
2	Two or more linked assignments	Mandatory	Must not be provided	L**
3	One or more converted assignments associated with an allotment	Mandatory (if part of an SFN)	Mandatory	C
4	One or more linked or converted assignments associated with an allotment	Mandatory (if part of an SFN)	Mandatory	L** or C
5*	Only one linked assignment associated with an allotment	Must not be provided	Mandatory	L**

* U n d e r A r t . 4 i t must be submitted together with the associated allotment using GS2 or GT2

** under Article 5 notification the assignment may operate either in conformity with the Plan entry or under provisions 5.1.6 to 5.1.8

TABLE A3.2

For digital broadcasting allotments using forms GS2 and GT2

Plan entry code (t_plan_entry)	SFN identifier (t_sfn_id)	Article 4
		Associated assignments
3	Mandatory (if part of an SFN)	May have converted assignments
4	Mandatory (if part of an SFN)	Must have at least one or more linked assignments. The notice of the allotment must be submitted together with the linked assignments.
5	Must not be provided	Must have only one linked assignment. The notice of the allotment must be submitted together with that of the linked assignment.