

ANNEX 3

Basic characteristics of T-DAB allotments and T-DAB assignments to be communicated in application of the procedures of Article 4 and Article 6

Key to the symbols used in Table

X	Mandatory information
+	Mandatory under the conditions specified in column 2
O	Optional information
C	Mandatory if used as a basis to effect coordination with another administration

Reading the Table 1

The rules used to link the sign with the text are based on the Table 1 column headings covering specific procedures.

- 1 If any data item has a condition attached to it, then it has a “+”.

4	if the assignment or allotment is part of a single frequency network, the identification code for the SFN	+
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- 2 Data items grouped under a common subheading that limits the range of procedures have an “X” as the conditional nature is shown in the subheading title.

	For a specific transmitting station operating at a single fixed location	
7	name of the location of the transmitting station	X

TABLE 1
Data for a T-DAB allotment or assignment

No.	CHARACTERISTICS TO BE SUBMITTED FOR EACH T-DAB ALLOTMENT OR ASSIGNMENT	Article 4 T-DAB allotment	Article 6 T-DAB assignment
1	GENERAL INFORMATION AND FREQUENCY CHARACTERISTICS		
1.1	ITU symbol of the notifying administration (see the Preface)	X	X
1.2	Status code (Add, Modify, Suppress)	X	X
1.3	Unique identification code given by the administration to the allotment or assignment (AdminRefId)	X	X
1.4	Plan entry code (1 – Assignment, 3 – Allotment) ¹	X	X
1.5	For assignments , the unique identification code for the associated allotment		+
1.6	Assigned frequency (MHz)	X	X
1.7	Frequency block ²	X	X
1.8	If the centre frequency of the emission is offset from the assigned frequency, the frequency offset (kHz)	+	+
1.9	Date (actual or foreseen, as appropriate) of bringing the frequency assignment (new or modified) into use		X
2	LOCATION OF THE ANTENNA(S)		
2.1	Name of the location of the transmitting station		X
2.2	Digital broadcasting allotment name	X	X ²
2.3	Symbol for the country or geographical area (see the Preface)		X
2.4	Geographical coordinates of the transmitting antenna in:		
2.4.1	latitude (±DDMMSS)		X
2.4.2	longitude (±DDMMSS)		X
2.5	For an allotment:		
2.5.1	If all the test points are on the country or geographical area boundary for this allotment, the symbol for the country or geographical area	+	
2.5.2	If not all the test points for the allotment are on the country or geographical area boundary, the number (up to 9) of sub-areas within this allotment (if there is no subdivision, enter 1 for the unique contour number)	+	
2.5.3	For each allotment area¹:		
2.5.3.1	A unique contour number	X	
2.5.3.2	The number of boundary test points (up to 99)	X	
2.5.3.3	The geographical coordinates of each boundary test point in:		
2.5.3.3.1	latitude (±DDMMSS)	X	
2.5.3.3.2	longitude (±DDMMSS)	X	

¹ Only a sub-set of possible options used in the context of GE06 is applicable for WI95revCO07 T-DAB Plan entries.

² Not used in the context of GE06.

No.	CHARACTERISTICS TO BE SUBMITTED FOR EACH T-DAB ALLOTMENT OR ASSIGNMENT	Article 4 T-DAB allotment	Article 6 T-DAB assignment
2.5.3.4	The number of calculation test points ²	X	
2.5.3.5	The geographical coordinates of each calculation test point in:		
2.5.3.5.1	latitude (\pm DDMMSS) ²	X	
2.5.3.5.2	longitude (\pm DDMMSS) ²	X	
3	DIGITAL BROADCASTING SYSTEM CHARACTERISTICS		
3.1	Type of reference network (V-RN1) ³	X	
3.2	Type of spectrum mask (see §2.3 of Annex 2)	C	X
3.3	If the polarization is horizontal or mixed, the maximum effective radiated power of the horizontally polarized component in the horizontal plane (dBW)		+
3.4	If the polarization is vertical or mixed, the maximum effective radiated power of the vertically polarized component in the horizontal plane (dBW)		+
4	ANTENNA CHARACTERISTICS		
4.1	Antenna directivity (directional (D) or non-directional (ND))		X
4.2	Polarization (H – horizontal, or V – vertical, or M – mixed) ¹	X	X
4.3	Height of transmitting antenna above ground level (m)		X
4.4	Altitude of the site above sea level (m) measured at the base of the transmitting antenna		X
4.5	Maximum effective antenna height (m)		X
4.6	Effective antenna height (m) at 36 different azimuths in 10° intervals, measured in the horizontal plane from True North in a clockwise direction		X
4.7	If the polarization is horizontal or mixed, 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		+
4.8	If the polarization is vertical or mixed, 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		+
5	COORDINATION AND AGREEMENT		
5.1	If coordination is necessary and agreement has been obtained:		
5.1.1	the ITU symbol of the administration with which coordination has been effected	+	+
6	REMARKS		
6.1	Any comment designed to assist the Plan Management Body in processing the notice	O	O

³ Included for the purpose of compatibility with MA02revCO07 and GE06.

Appendix 1 to Annex 3

ALL notice - T-DAB allotment

Data item	M/O ⁴	Comments
<HEAD>	M	Beginning of the <HEAD> section
t_adm	M	The three-character ITU symbol for the name of the administration responsible for submission.
</HEAD>	M	End of the <HEAD> section
<NOTICE>	M	Beginning of section <NOTICE> for the allotment 1
t_notice_type = ALL	M	The type of notice ALL for T-DAB allotments
t_fragment = WI95revCO07	M	The part of the database to be updated. The value must be: <i>t_fragment = WI95revCO07</i>
t_action	M	Status code - the action to be taken regarding this notice ADD/MOD/SUP
t_adm_ref_id	M	Administration's unique identifier, assigned by the administration.
t_plan_entry	M	Plan entry code (must be <i>t_plan_entry=3</i>)
t_freq_assgn	M	Assigned frequency (MHz)
cept_block	O	Not required by GE06. Included for consistency with the old data formats
t_offset	O	Centre frequency offset in kHz
t_allot_name	M	Digital broadcasting T-DAB allotment name.
t_geo_area	O	If all the test points are on the country boundary for this allotment, the symbol for the country
t_nb_sub_areas = 1	O	If not all the allotment boundary points are on the country boundary this field must contain the value: <i>t_nb_sub_areas = 1</i>
t_contour_id	M	A unique contour identification number. It is recommended to use the allotment identification number as provided in <i>t_adm_ref_id</i>
cept_ref_netw	M	Reference network (must be <i>cept_ref_netw=V-RN1</i>):
t_spect_mask	M	Spectrum mask identifier - 1 character.
t_polar	M	Polarization (H, V, M).
t_remarks	O	Repeat as required
<COORD>	O	Beginning of sub-section <COORD>
t_adm	O	ITU symbol designating the administration with which coordination has been successfully completed. Repeat as appropriate.
</COORD>	O	End of sub-section <COORD>
<AGR>	O	Not required by GE06. Beginning of the section <AGR> that contains the number of the bilateral agreements reached between administrations in the establishment of the Plan
cept_agrn	O	Not required by GE06. Number of agreements
cept_agrxxx	O	Not required by GE06. Agreement numbers of the Plan.
</AGR>	O	Not required by GE06. End of the section <AGR> that contains the number of the bilateral agreements reached between administrations in the establishment of the Plan
</NOTICE>	M	End of section <NOTICE> for the allotment 1
<NOTICE>		Beginning of notice for the allotment 2
...		Data items for notice 2
</NOTICE>		End of notice for the allotment 2
<TAIL>	M	Beginning of section <TAIL>
t_num_notices	M	The number of notices contained in the file.
</TAIL>	M	End of section <TAIL>

⁴ M - Mandatory; O - Optional

TPR notice - T-DAB allotment boundary points

Data item	M/O ⁴	Comments
<HEAD>	M	Beginning of the <HEAD> section
t_adm	M	The three-character ITU symbol for the name of the administration responsible for submission.
</HEAD>	M	End of the <HEAD> section
<NOTICE>	M	Beginning of section <NOTICE> for the allotment 1
t_notice_type = TPR	M	The type of notice TPR for T-DAB allotment
t_action	M	Status code - the action to be taken regarding this notice ADD/MOD/SUP
t_contour_id	M	A unique contour identification number. It is recommended to use the allotment identification number as provided in t_adm_ref_id in the ALL notice
t_nb_test_pts	M	Number of test points (minimum 3, maximum of 99)
<POINT>	M	Beginning of sub-section <POINT> for the test point 1
t_lat	M	The latitude of the test point 1
t_long	M	The longitude of the test point 1
</POINT >	M	End of sub-section <POINT > for the test point 1
<POINT>	M	Beginning of sub-section <POINT> for the test point 2
t_lat	M	The latitude of the test point 2
t_long	M	The longitude of the test point 2
</POINT >	M	End of sub-section <POINT > for the test point 2
<POINT>	M	Beginning of sub-section <POINT> for the test point x
.....		Repeat for each test point.
</POINT >	M	End of sub-section <POINT > for the test point x
</NOTICE>	M	End of notice for the allotment1
<NOTICE>		Beginning of notice for the allotment 2
		Data items for the allotment 2
</NOTICE>		End of notice for the allotment 2. Repeat for each allotment necessary.
<NOTICE>		Beginning of notice for the allotment X
		Repeat for each allotment necessary.
</NOTICE>		End of notice for the allotment X.
<TAIL>	M	Beginning of section <TAIL>
t_num_notices	M	The number of notices contained in the file.
</TAIL>	M	End of section <TAIL>

Additional information regarding notices ALL (corresponding to GS2) and TPR (corresponding to GA1), including permissible values for the data items in the tables above, can be found in the ITU-R CR/262 of 11 August 2006.

The file structure to be used for submission of electronic notices is described in the ITU CR/120 of 31 March 1999.

TPC notice - calculation test points of T-DAB allotments

Data item	M/O ⁴	Comments
<HEAD>	M	Beginning of the <HEAD> section.
t_adm	M	The three-character ITU symbol for the name of the administration responsible for submission.
</HEAD>	M	End of the <HEAD> section
<NOTICE>	M	Beginning of section <NOTICE> for the first allotment 1
t_notice_type = TPC	M	The type of notice TPC for calculation test points of T-DAB allotments
t_action	O	Status code - the action to be taken regarding this notice ADD/MOD/SUP
t_contour_id	M	A unique contour identification number. It is recommended to use the allotment identification number as provided in <i>t_adm_ref_id</i> in the ALL notice
cept_nb_tpc	M	Number of calculation test points (maximum of 99)
<POINT>	M	Beginning of sub-section <POINT> for the calculation test point 1
cept_tpc_lat	M	The latitude of the calculation test point 1
cept_tpc_long	M	The longitude of the calculation test point 1
</POINT >	M	End of sub-section <POINT > for the calculation test point 1
<POINT>	M	Beginning of sub-section <POINT> for the calculation test point 2
cept_tpc_lat	M	The latitude of the calculation test point 2
cept_tpc_long	M	The longitude of the calculation test point 2
</POINT >	M	End of sub-section <POINT > for the calculation test point 2
<POINT>	M	Beginning of sub-section <POINT> for the calculation test point x
.....		Repeat for each calculation test point
</POINT >	M	End of sub-section <POINT > for the calculation test point x
</NOTICE>	M	End of the notice for the allotment 1
<NOTICE>	M	Beginning of the notice for the allotment 2
		TPC data for the allotment 2
</NOTICE>	M	End of notice for the allotment 2
<NOTICE>		Beginning of notice for the allotment X
		Repeat for each allotment necessary.
</NOTICE>		End of notice for the allotment X.
<TAIL>	M	Beginning of section <TAIL>
t_num_notices	M	The number of notices contained in the file.
</TAIL>	M	End of section <TAIL>

Appendix 2 to Annex 3

ASS notice - T-DAB assignment

Data item	M/O ⁴	Comments
<HEAD>	M	Beginning of the <HEAD> section
t_adm	M	The three-character ITU symbol for the name of the administration responsible for submission.
</HEAD>	M	End of the <HEAD> section
<NOTICE>	M	Beginning of the section <NOTICE> for the notice 1
t_notice_type = ASS	M	The type of notice is ASS for T-DAB assignments
t_fragment = WI95revCO07	M	The part of the database to be updated. The value must be: <i>t_fragment = WI95revCO07</i>
t_action	M	Status code - the action to be taken regarding this notice ADD/MOD/SUP
t_adm_ref_id	M	Administration's unique identifier, assigned by the administration.
t_plan_entry	M	Plan entry code (must be <i>t_plan_entry=1</i>)
t_associated_adm_allot_id	M	Unique identifier of T-DAB allotment to which this assignment is related.
t_freq_assgn	M	Assigned frequency (MHz)
cept_block	O	Not required by GE06. Included for consistency with the old data formats
t_offset	O	Centre frequency offset in kHz
t_d_inuse	M	Date (actual or foreseen, as appropriate) of bringing the frequency assignment (new or modified) into use
t_site_name	M	The name of the site where the transmitting antenna is located.
cept_allot_name	O	Not required by GE06. Included for consistency with the old data formats
t_ctype	M	The three-character ITU symbol for the name of the geographic area where the transmitting antenna is located.
t_long	M	The longitude of the transmitting antenna site.
t_lat	M	The latitude of the transmitting antenna site.
t_spect_mask	M	Spectrum mask identifier - 1 character.
t_erp_h_dbw	+	The maximum horizontally polarized ERP (dBW). Mandatory if Polarisation is H or M. At least one of the two (<i>t_erp_h_dbw</i> or <i>t_erp_v_dbw</i>) must be present in the record.
t_erp_v_dbw	+	The maximum vertically polarized ERP (dBW). Mandatory if Polarisation is V or M. At least one of the two (<i>t_erp_h_dbw</i> or <i>t_erp_v_dbw</i>) must be present in the record.
t_ant_dir	M	Antenna directivity (Directional/Non-Directional)
t_polar	M	Polarization (H, V, M).
t_hgt_agl	M	The height (in metres) above ground level of the centre of radiation.
t_site_alt	M	Altitude of site above sea level(in metres), a sign followed by a number).
t_eff_hgtmax	M	The maximum effective height (in metres).
t_remarks	O	Repeat as required.
<ANT_HGT>	M	Beginning of sub-section for effective antenna heights.
t_eff_hgt@azmzzz	M	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 in 10° intervals)
</ANT_HGT>	M	End of sub-section <ANT_HGT> for effective ant. heights.
<ANT_DIAGR_H>	+	If the polarisation is horizontal or mixed and antenna directivity is directional, the beginning of sub-section <ANT_DIAGR_H> for attenuation of the horizontal polarised component (dB)

Data item	M/O ⁴	Comments
t_attn@azmzzz	+	If the polarization is horizontal or mixed, 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>	+	If the polarisation is horizontal or mixed and antenna directivity is directional, the end of sub-section <ANT_DIAGR_H> for attenuation of the horizontal polarised component (dB).
<ANT_DIAGR_V>	+	If the polarisation is vertical or mixed and antenna directivity is directional, the beginning of sub-section <ANT_DIAGR_V> for attenuation of the vertical polarised component (dB)
t_attn@azmzzz	+	Antenna attenuation (normalised to 0dB) at azimuth zzz degrees from the True North (zzz from 0 to 350 step 10)
</ANT_DIAGR_V>	+	If the polarisation is vertical or mixed and antenna directivity is directional, the end of sub-section <ANT_DIAGR_V> for attenuation of the vertical polarised component (dB).
<COORD>	O	Beginning of sub-section <COORD>
t_adm	O	ITU symbol designating the administration with which coordination has been successfully completed. Repeat as appropriate.
</COORD>	O	End of sub-section <COORD>
<AGR>	O	Not required by GE06. Beginning of the section <AGR> that contains the number of the bilateral agreements reached between administrations in the establishment of the Plan
cept_agrn	O	Not required by GE06. Number of agreements
cept_agrxxx	O	Not required by GE06. Agreement numbers of the Plan.
</AGR>	O	Not required by GE06. End of the section <AGR> that contains the number of the bilateral agreements reached between administrations in the establishment of the Plan
</NOTICE>	M	End of the section <NOTICE> for the notice 1
<NOTICE>		Beginning of the notice 2
...		Data items for notice 2
</NOTICE>		End of the notice 2
<TAIL>	M	Beginning of the section <TAIL>
t_num_notices	M	The number of notices contained in the file.
</TAIL>	M	End of the section <TAIL>

Additional information for the ASS notice (corresponding to GS1), including permissible values for the data items in the table above, can be found in the ITU-R CR/262 of 11 August 2006.

The file structure to be used for submission of electronic notices is described in the ITU CR/120 of 31 March 1999.