

GS1 – Electronic notice file format and item keys for the notification of digital sound broadcasting (T-DAB) assignment(s)

Symbols used in the table

| | |
|---|---|
| X | Item key is mandatory |
| + | Item key is mandatory under specified conditions |
| O | Item key is optional |
| C | Mandatory if used as a basis to effect coordination with another administration |
| | Indicates that the data item is not applicable |

| Item No in AP4 | Section tag/ Item key | GE06D | MIFR | Data Format/ Acceptable value(s) | Description of item key | Remarks |
|----------------|--------------------------|-------|------|---|---|--|
| | <HEAD> | X | X | | Beginning of the HEAD section | <HEAD> section shall be unique in the file. This section indicates the beginning of the electronic notice file |
| | t_char_set | O | O | ISO-8859-1 | Character set used in the file | |
| B | t_adm | X | X | Preface to the BR IFIC, Chapter IV, Section 1 | Symbol of the notifying administration | ITU symbol of the administration within the GE06 planning area |
| | t_email_addr | O | O | 30 characters | Electronic mail address of the notifier | |
| | </HEAD> | X | X | | End of the HEAD section | Section must end with </HEAD> |
| | <NOTICE> | X | X | <NOTICE> | Beginning of NOTICE section | No limit in the number of <NOTICE> sections within the file. Each <NOTICE> section contains all the required item keys for notification |
| | t_notice_type | X | X | GS1 | Notice type | GS1 is for digital sound assignments (T-DAB). |
| | t_fragment | X | X | GE06D, NTFD_RR | Fragment | The part of the database to be updated GE06D – For updating the GE06D Plan NTFD_RR – For recording in the MIFR |
| | t_action | X | X | ADD, MODIFY | Action requested by the notice | |
| | t_is_pub_req | X | | TRUE, FALSE | To apply provision 4.1.2.5 of the GE06 Agreement | |
| ID1 | t_adm_ref_id | X | X | 20 characters | Unique Identification Code given by the administration to the assignment | It is used to uniquely identify the frequency assignment and the uniqueness shall be managed by the administration. This data item cannot be changed once notified |
| 1A | t_freq_assgn | X | X | 174.928 to 229.072 | Assigned Frequency (MHz), as defined in Article 1 | As specified in Table A.3.1-15 of the GE06 Agreement |
| 1EO | t_offset | + | + | Between – 2 and + 2 (three decimals) | Frequency Offset, in kHz | If the centre frequency of the emission is offset from the assigned frequency. Frequency offset = (centre frequency) – (assigned frequency) |
| 4C | t_long | X | X | +DDMMSS – 0300000 to +1700000 | Longitude of the Transmitting site | |
| 4C | t_lat | X | X | +DDMMSS – 400000 to + 890000 | Latitude of the Transmitting site. | |
| 4A | t_site_name | X | X | 30 characters | Name of the locality by which the station is known or in which it is situated | |
| 4B | t_ctry | X | X | Preface to the BR IFIC, Chapter IV, Section 2 | Code of the Geographical Area in which the station is located. | It shall be under the jurisdiction of the notifying administration |
| ID3 | t_plan_adm_ref_id | | X | 20 characters | Unique Identification Code given by the Administration to the digital broadcasting Plan entry | For a standalone or linked assignment: provide the unique identification code of the corresponding assignment in the Plan For a converted assignment: provide the unique identification code of the associated allotment or the unique identification code 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. |

| Item No in AP4 | Section tag/ Item key | GE06D | MIFR | Data Format/ Acceptable value(s) | Description of item key | Remarks |
|----------------|---------------------------|-------|------|--------------------------------------|---|--|
| O-ID1 | t_trg_adm_ref_id | + | + | 20 characters | Unique Identification Code of the Assignment to be modified | Applies to action "MODIFY" and it is mandatory. If notified under No. 5.1.3 of the GE06 Agreement, mandatory if t_trg_freq_assgn, t_trg_long and t_trg_lat are not provided. |
| O-4A | t_trg_freq_assgn | | + | Decimal | Assigned frequency (MHz) of the assignment to be modified | Applies for action "MODIFY" and mandatory if notified under No. 5.1.3 of the GE06 Agreement and t_trg_adm_ref_id is not provided. As specified in Tables A.3.1-6 to A.3.1-14 of the GE06 Agreement. |
| O-4C | t_trg_long | | + | +DDMMSS – 0300000 to + 1700000 | Longitude of the Transmitting site of the assignment to be modified | Applies to action "MODIFY", if notified under No. 5.1.3 of the GE06 Agreement if t_trg_adm_ref_id is not provided |
| O-4C | t_trg_lat | | + | +DDMMSS – 400000 to + 890000 | Latitude of the Transmitting site of the assignment to be modified | Applies to action "MODIFY", if notified under No. 5.1.3 of the GE06 Agreement if t_trg_adm_ref_id is not provided |
| DEC | t_plan_entry | X | X | 1, 2, 3, 4, 5 | Digital broadcasting Plan Entry Code | Preface to the BR IFIC, Chapter IV, Section 9, Table 9.8. |
| DAC | t_assgn_code | X | X | L, C, S | Digital broadcasting Assignment Code | Preface to the BR IFIC, Chapter IV, Section 9, Table 9.9. |
| ID2 | t_associated_adm_allot_id | + | + | 20 characters | Unique Identification Code given by the administration to the associated allotment | Required for the combination plan entry-assignment code: 3C, 4L, 4C and 5L. |
| | t_associated_allot_sfn_id | + | + | 30 characters | Identification Symbol of the Single-Frequency network of the associated allotment | Required for the combination plan entry-assignment code:3C, 4L and 4C. t_associated_allot_sfn_id shall be identical to t_sfn_id |
| SYNC | t_sfn_id | + | + | 30 characters | Identification Symbol of the Single-Frequency network. | Required for the combination plan entry-assignment code: 2L 3C, 4L and 4C |
| 3A1 | t_call_sign | | O | 10 characters | Call sign used in accordance with Article 19 | If notified, it shall be in accordance with Art. 19 of the RR and AP42 to the RR |
| 3A2 | t_station_id | | O | 20 characters | Station identification used in accordance with Article 19 | |
| 2C | t_d_inuse | C | X | YYYY-MM-DD | Date (actual or foreseen, as appropriate) of Bringing the frequency assignment (new or modified) into Use | Maximum 3 months in advance |
| 2E | t_d_expiry | + | + | YYYY-MM-DD | Date for the end of operation of a frequency assignment | If subject to No 4.1.5.4 of Art. 4 of the GE06 Agreement i.e. the agreement of the administration(s) affected was obtained in accordance with for a specific time period |
| 7H | t_ref_plan_cfg | X | X | RPC4, RPC5 | Reference Planning Configuration | Preface to the BR IFIC, Chapter IV, Section 9, Table 9.2. |
| 7J | t_spect_mask | X | X | 1, 2, 3 | Type of Spectrum Mask | Preface to the BR IFIC, Chapter IV, Section 9, Table 9.10. |
| 8BH | t_erp_h_dbw | + | + | ≤ 60.0 | Max. Effective Radiated Power, in dBW, of the horizontally polarized component | Mandatory, if the polarization is Horizontal or Mixed |
| 8BV | t_erp_v_dbw | + | + | ≤ 60.0 | Max. Effective Radiated power, in dBW, of the vertically polarized component | Mandatory, If the polarization is Vertical or Mixed |
| 9 | t_ant_dir | X | X | D, ND | Indicator showing whether the antenna is directional (D) or non-directional (ND) | |
| 9D | t_polar | X | X | H, V, M | Code indicating the Type of Polarization | Polarization (H – horizontal, or V – vertical, or M – mixed). |
| 9E | t_hgt_agl | X | X | Integer, between 1 and 800 | Height of the Antenna above Ground Level, in metres | |
| 9EA | t_site_alt | X | X | Integer, between – 1000 and 8850, | Altitude of the Site above mean Sea Level, in metres | |
| 9EB | t_eff_hgtmax | X | X | Integer, between – 3000 and 3000 | Max. Effective Height of the Antenna, in metres, above the mean level of the ground between 3 and 15 km from the transmitting antenna | It shall be equal to, or greater than, the maximum of the values in the effective antenna height diagram |
| 12A | t_op_agcy | | O | 3 digits | Symbol for the Operating Agency | Preface to the BR IFIC, Chapter IV, Section 3 |
| 12B | t_addr_code | | X | 1 character | Symbol for the Address of the Administration responsible for the station and to which communication should be sent on urgent matters regarding interference, quality of emissions and questions referring to the technical operation of the circuit | Preface to the BR IFIC, Chapter IV, Section 3 |
| 10B | t_op_hh_fr | | X | HHMM 0000 to 2359 | Regular Hours of Operation of the frequency assignment, in UTC | Start time of the regular hours (UTC) of operation of the frequency assignment |
| 10B | t_op_hh_to | | X | HHMM 0001 to 2400 | Regular Hours of Operation of the frequency assignment, in UTC | Stop time of the regular hours (UTC) of operation of the frequency assignment |
| E | t_is_resub | | X | TRUE, FALSE | Resubmission Indicator | In accordance with Nos. 5.1.6 to 5.1.8 of the GE06 Agreement |

| Item No in AP4 | Section tag/ Item key | GE06D | MIFR | Data Format/ Acceptable value(s) | Description of item key | Remarks |
|----------------|-----------------------|-------|------|---|---|---|
| 11C | t_signed_commitment | | X | TRUE, FALSE | Signed Commitment from the notifying administration that the submitted assignment for recording in the MIFR shall not cause unacceptable interference and shall not claim protection. | In accordance with Nos 5.1.6 to 5.1.8 of the GE06 Agreement and t_is_resub shall be TRUE. In such cases, the Signed Commitment shall be submitted as an attachment with the notification. |
| 11D | t_remark_conds_met | | X | TRUE, FALSE | Declaration by the notifying administration that all Conditions associated with the Plan remark are fully met for recording in the MIFR. | |
| 13C | t_remarks | O | O | | Remarks for assisting the Bureau in processing the notice | There is no limit on the number of characters per line. There could be more than one key |
| | <ANT_HGT> | X | X | | Beginning of ANT_HGT sub-section containing effective antenna heights | <ANT_HGT> sub-section shall be unique within the <NOTICE> section |
| 9EC | t_eff_hgt@azmzzz | X | X | Integer, between – 3000 and 3000 m | Effective height of the antenna, in metres, above the mean level of the ground between 3 and 15 km from the transmitting antenna, at 36 different azimuths in 10° intervals (i.e. 0°, 10°, ..., 350°), measured in the horizontal plane from True North in a clockwise direction | Maximum value of the height should not exceed t_eff_hgtmax |
| | </ANT_HGT> | X | X | | End of ANT_HGT sub-section | Sub-section must end with </ANT_HGT> |
| | <ANT_DIAGR_H> | + | + | | Beginning of ANT_DIAGR_H sub-section containing attenuation of the horizontal polarized component | Mandatory, if Polarization is either Horizontal or Mixed and Antenna Directivity is directional. <ANT_DIAGR_H> shall be unique within the <NOTICE> section |
| 9NH | t_attn@azmzzz | + | + | 0.0 to 40.0 | Value of attenuation of the horizontally polarized component, at 36 different azimuths in 10° intervals (i.e. 0°, 10°, ..., 350°), measured in the horizontal plane from True North in a clockwise direction, with respect to the maximum effective radiated power of this component, in dB | At least one value of the attenuation diagram shall be equal to 0 |
| | </ANT_DIAGR_H> | + | + | | End of ANT_DIAGR_H sub-section | Sub-section must end with </ANT_DIAGR_H> |
| | <ANT_DIAGR_V> | + | + | | Beginning of ANT_DIAGR_V sub-section containing attenuation of the vertical polarized component | Mandatory, if Polarization is Vertical or Mixed and Antenna Directivity is directional. <ANT_DIAGR_V> sub-section shall be unique within the <NOTICE> section |
| 9NV | t_attn@azmzzz | + | + | 0.0 to 40.0 | Value of attenuation of the vertically polarized component, at 36 different azimuths in 10° intervals (i.e. 0°, 10°, ..., 350°), measured in the horizontal plane from True North in a clockwise direction, with respect to the maximum effective radiated power of this component, in dB | At least one value of the attenuation diagram shall be equal to 0. |
| | </ANT_DIAGR_V> | + | + | | End of ANT_DIAGR_V sub-section | Sub-section must end with </ANT_DIAGR_V> |
| | <COORD> | + | O | | Beginning of COORD sub-section | <COORD> sub-section shall be unique within the <NOTICE> section |
| 11 | t_adm | + | X | Preface to the BR IFIC, Chapter IV, Section 1 | Symbol of each administration with which coordination has been successfully effected. Required if coordination is necessary and has been obtained pursuant to the relevant provisions of the Radio Regulations | Repeat as appropriate. |
| | </COORD> | + | O | | End of COORD sub-section | Sub-section must end with </COORD> |
| | </NOTICE> | X | X | | End of NOTICE section | Section must end with </NOTICE>. This indicates the end of all the required item keys for the notification |
| | <TAIL> | X | X | | Beginning of TAIL section | <TAIL> section shall be unique in the file. This section indicates the end of the electronic notice file |
| | t_num_notices | X | X | Integer | Total number of notices within the file | There is no limit in the number of notices per file |
| | </TAIL> | X | X | | End of TAIL section. | Section must end with </TAIL> |