

## T15 – Electronic file format and item keys for the notification of a frequency allotment in the maritime mobile service

### Symbols used in the table

X	Item key is mandatory
+	Item key is mandatory under specified conditions
O	Item key is optional
	Indicates that the Item key is not applicable

Item Ref (AP4)	Section tag/ Item key	Add/ Modify	Suppress/ Withdraw	Data Format/ Acceptable value(s)	Description of the item key	Comments
	<HEAD>	X	X	Case-insensitive	Beginning of the <b>HEAD</b> 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	
	t_d_sent	O	O	YYYY-MM-DD	Date of sending the notice	
B	t_adm	X	X	<a href="#">Preface to the BR IFIC, Chapter IV, Section 1</a>	Notifying Administration	
	t_email_addr	O	O	max. 30 characters	Electronic mail address of the notifier	
	</HEAD>	X	X		End of the <b>HEAD</b> section	Section must end with </HEAD> and there shall be only one
	<NOTICE>	X	X	Case-insensitive	Beginning of <b>NOTICE</b> 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	T15 Case-insensitive	Notice Type	
	t_d_adm_ntc	O	O	YYYY-MM-DD	Date of Notice	The date given by the administration to this notice, which may be different to t_d_sent.
	t_fragment	X	X	AP25	Fragment	The part of the database to be updated: <b>AP25</b> – Allotment of <b>AP25</b> Plan.
D	t_prov	X		AP25/1.1.1, AP25/1.1.2, AP25/1.25	Provision of the Appendix <b>25</b> to the Radio Regulations (RR) under which the notice has been submitted	<b>AP25/1.1.1</b> : administration has no allotment and is requesting an allotment; <b>AP25/1.1.2</b> : administration is requesting for an additional allotment; <b>AP25/1.25</b> : administration is replacing an existing allotment by another one in the same frequency band.
	t_action	X	X	ADD, MODIFY, SUPPRESS, WITHDRAW Case-insensitive	Action to be taken regarding this notice	
ID1	t_adm_ref_id	O		max. 20 characters	Unique Identification Code given by the Administration to the Allotment	It is used to uniquely identify the frequency Allotment and <b>the uniqueness shall be managed by the administration.</b>
1X	t_chan_pref	+		Numeric max. 4 digits	Channel number proposed	Mandatory, if t_band_pref is not notified. Allowed channel numbers are listed in the AP25 Plan.
1Y	t_chn_alt	O		Numeric max.4 digits	Alternative channel number	If present, it shall be on the same frequency band as <b>Channel number proposed</b> . There can be only one <b>Alternative channel number</b> in the notice.
1C	t_band_pref	+		04, 06, 08, 12, 16, 18, 22, 25	Preferred band	Mandatory, if t_chn_pref is not notified.
4E	t_zone_id	X		<a href="#">Preface to the BR IFIC, Chapter IV, Section 5</a>	Allotment area	The code of the maritime allotment area as given in Section II of AP25. <b>Identifying element of the notice</b>

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2C	t_d_inuse	X		YYYY-MM-DD	Date of Bringing the coast station rendering service into use	The notices shall reach the Radiocommunication Bureau (BR) not earlier: <ul style="list-style-type: none"> <li>• than 2 years if t_prov = AP25/1.1.1;</li> <li>• than 6 months if t_prov = AP25/1.1.2.</li> </ul> Allotment shall be notified only after bringing into use of the planned coast station.
6A	t_stn_cls	X		FC	Class of Station	<b>FC:</b> Cost station. <b>Identifying element of the notice.</b>
6B	t_nat_srv	X		CO, CP, CR, CV, FS, OT	Nature of Service	For description see <a href="#">Preface to the BR IFIC, Chapter IV, Section 7</a> . This item key can be repeated.
7A	t_emi_cls	X		J3E--, J2D--	Class of Emission	For description see <a href="#">Preface to the BR IFIC, Chapter IV, Section 14</a> . <b>Identifying element of the notice</b> The last two characters are optional.
7AB	t_bdwidth_cde	X		2K80	Necessary Bandwidth Code	For description see <a href="#">Preface to the BR IFIC, Chapter IV, Section 14</a> . <b>Identifying element of the notice.</b>
10B	t_op_hh_fr	X		HHMM 0000 to 2359	Regular Hours of Operation of the frequency Allotment, in UTC	Start time of the regular hours (UTC) of operation of the frequency assignment. <b>Identifying element of the notice.</b>
10B	t_op_hh_to	X		HHMM 0001 to 2400	Regular Hours of Operation of the frequency Allotment, in UTC	Stop time of the regular hours (UTC) of operation of the frequency assignment. <b>Identifying element of the notice.</b>
10E	t_traffic	X		001 to 999	Estimated daily volume of traffic (min)	
O-ID1	t_trg_adm_ref_id	+	+	max. 20 characters	Unique Identification Code of the target Allotment to be modified, suppressed, or withdrawn	Mandatory, for MODIFY, SUPPRESS and WITHDRAW, if the <b>set of the other identifying elements</b> (t_trg_chn_no, t_trg_stn_cls, t_trg_emi_ds, t_trg_bdwidth_cde, t_trg_op_hh_fr, t_trg_op_hh_to and t_trg_zone_id) is not provided.
1Z	t_trg_chn_no	+	+	Numeric max. 4 digits	Channel number of the channel to be replaced, suppressed, or withdrawn	Mandatory for MODIFY SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided. Modify in case of AP25/1.25 or suppress in cases of AP25/1.1.1 and AP25/1.1.2.
O-6A	t_trg_stn_cls	+	+	FC	Class of Station of the target Allotment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided.
O-7A	t_trg_emi_cls	+	+	J3E--, J2D--	Class of Emission of the target Allotment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided.
O-7AB	t_trg_bdwidth_cde	+	+	2K80	Necessary bandwidth of the target Allotment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided.
O-10B	t_trg_op_hh_fr	+	+	0000 to 2359	Regular Hours of Operating of the target Allotment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided.
O-10B	t_trg_op_hh_to	+	+	0001 to 2400	Regular Hours of Operating of the target Allotment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided.
O-4E	t_trg_zone_id	+	+	<a href="#">Preface to the BR IFIC, Chapter IV, Section 5</a>	Allotment Area of the target Allotment to be modified, suppressed, or withdrawn	Mandatory for MODIFY, SUPPRESS and WITHDRAW, if t_trg_adm_ref_id is not provided.
13C	t_remarks	O	O	Characters	Any comment designed to assist the BR in processing the notice	There is no limit on the number of characters per line. This item key can be repeated.
	<COAST STATION>	+		Case-insensitive	Beginning of <b>COAST STATION</b> sub-section containing, coast station information	There could be several <COAST STATION> sub-sections within the <NOTICE> section. Mandatory, if t_prov = AP25/1.1.1 and optional for t_prov = AP25/1.1.2/ AP25/1.1.25.
4AA	t_site_name	+		max. 30 characters	Name of the location of the Intended Coast station	Mandatory, if t_prov = AP25/1.1.1 and optional for t_prov = AP25/1.1.2/ AP25/1.1.25.
4CA	t_long	+		+DDMMSS	Longitude of the site of the Intended Coast station	Mandatory, if t_prov = AP25/1.1.1 and optional for t_prov = AP25/1.1.2/ AP25/1.1.25.
4CA	t_lat	+		+DDMMSS	Latitude of the site of the Intended Coast station	Mandatory, if t_prov = AP25/1.1.1 and optional for t_prov = AP25/1.1.2/ AP25/1.1.25.
	</COAST STATION>	+			End of <b>COAST STATION</b>	Sub-Section must end with </COAST STATION >
	<PEAK HOURS>	X		Case-insensitive	Beginning of <b>PEAK HOURS</b> sub-section containing, information about estimated peak hours of traffic	There could be several <PEAK HOURS > sub-sections within the <NOTICE> section.
10D	t_peak_hh_fr	X		0000 to 2359	Starting time of the estimated peak hours of traffic	
10D	t_peak_hh_to	X		0001 to 2400	Ending time of the estimated peak hours of traffic	
	</PEAK HOURS>	X			End of <b>PEAK HOURS</b>	Sub-Section must end with </ PEAK HOURS >

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	<ANTENNA>	X		Case-insensitive	Beginning of <b>ANTENNA</b> sub-section containing, antenna information	There could be several <ANTENNA> sub-sections within the <NOTICE> section
8	t_pwr_xyz	X		X	Type of Power	The type of power according to No. RR 1.156.
8AA	t_pwr_ant	X		-20.000 to +60.000 dBW max. 3 decimals	Power to the Antenna	
9	t_ant_dir	X		D, ND	Indicator of the Antenna Directivity	Directional (D) or non-directional (ND).
9A	t_azm_max_e	+		0 to 359.999 degrees max. 3 decimals	Azimuth (degrees from True North) of maximum radiation.	Mandatory, if the antenna is directional and the azimuthal sector for rotatable antenna is not provided.
9G	t_gain_max	+		-20.000 to 30.000 dB max. 3 decimals	Maximum antenna gain	Mandatory, if the antenna is directional.
9C	t_bmwidth	+		0.001 to 359.999 degrees max. 3 decimals	Beamwidth	Mandatory, if the antenna is directional, except if the azimuthal sector for rotatable antenna is provided and it is equal to 0.001 – 360, then its optional.
	t_gain_type	+		D	Type of antenna gain	Mandatory if antenna gain is provided.
5G	t_dist_max	O		0 to 20 000 km	Maximum length of the circuit (km) for non-circular receiving areas	
	<ROTATIONAL>	+		Case-insensitive	Beginning of <b>ROTATIONAL</b> sub-sub-section. Only for rotating or swept beams	There may be several <ROTAIONAL> sub-sub sections within an <ANTENNA>
9AB1	t_azm_fr	+		0 to 359.999 degrees max. 3 decimals	Starting azimuth (degrees from True North) for this azimuthal sector	
9AB2	t_azm_to	+		0.001 to 360.000 degrees max. 3 decimals	Ending azimuth (degrees from True North) for this azimuthal sector	
	</ROTATIONAL>	+			End of <b>ROTATIONAL</b> sub-sub-section	Sub-Sub-Section must end with </ ROTAIONAL>
	<RX STATION>	X		Case-insensitive	Beginning of <b>RX STATION</b> sub-sub-section, containing the location of RX station	At least one <RX STATION> sub-sub-sections within an <ANTENNA>
	t_geo_type	X		ZONE Case-insensitive	Type of Geographic Area describing the location of the receiving stations	<b>ZONE</b> : area is specified as a standard area or ITU geographic area.
5D	t_zone_id	+		<a href="#">Preface to the BR IFIC, Chapter IV, Section 5</a>	Maritime zone corresponding to the location of receiving stations	Acceptable values are symbols MAR followed by numbers between 01 and 22
	</RX STATION>	X			End of <b>RX STATION</b> sub-sub-section.	Sub-Sub-Section must end with </RX STATION>
	</ANTENNA>	X			End of <b>ANTENNA</b> sub-section.	Sub-Section must end with </ANTENNA>
	<COORD> or <COORDINATION>	+		Case-insensitive	Beginning of <b>COORD</b> or <b>COORDINATION</b> sub-section	<COORD> or <COORDINATION> sub-section shall be unique within the <NOTICE> section
	t_adm	+		<a href="#">Preface to the BR IFIC, Chapter IV, Section 1</a>	Symbol of each administration with which coordination has been successfully effected	This item key can be repeated.
	</COORD> or </COORDINATION>	+			End of <b>COORD</b> or <b>COORDINATION</b> sub- section.	Sub-section must end with </COORD> or </COORDINATION>
	</NOTICE>	X	X		End of <b>NOTICE</b> section.	Section must end with </NOTICE>. This indicates the end of all the required item keys for the notification
	<TAIL>	X	X	Case-insensitive	Beginning of <b>TAIL</b> 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 in the file	There is no limit in the number of notices per file.
	</TAIL>	X	X		End of <b>TAIL</b> section	Section must end with </TAIL>