



Radiocommunication Bureau

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Circular Letter
CR/224

11 November 2004

To Administrations of Member States of the ITU¹

Subject: Post-conference activities resulting from the decisions of the first session of the Regional Radiocommunication Conference for planning of the digital terrestrial broadcasting service in parts of Regions 1 and 3, in the frequency bands 174-230 MHz and 470-862 MHz (RRC-04): **actions towards the establishment of the reference situation regarding the existing and planned assignments of primary services other than broadcasting**

Form of notice and file format for electronic notification for identification and update of the coordination information and service type code of recorded terrestrial stations of a primary service, other than broadcasting, in the RRC-06 planning area and in the frequency bands to be taken into account during the planning

References: BR Circular Letter CR/216 of 19 July 2004
BR Circular Letter CR/220 of 20 September 2004
BR Circular Letter CR/223 of 29 October 2004

To the Director General

Dear Sir/Madam,

1 On various occasions, the Bureau has informed administrations about the activities on the implementation of the decisions of the first session of the Regional Radiocommunication Conference for planning of the digital terrestrial broadcasting service in parts of Regions 1 and 3, in the frequency bands 174-230 MHz and 470-862 MHz (RRC-04), which was held in Geneva from 10 to 28 May 2004.

¹ *This Circular Letter is primarily addressed to the Member States of Region 1 (except Mongolia) and to the Islamic Republic of Iran. It is for information only for other Member States.*

2 In Circular Letters CR/216, CR/220 and CR/223, the Bureau addressed various aspects regarding the protection of the primary services, other than broadcasting, in the frequency bands 174-230 MHz and 470-862 MHz, based on the definition of existing and planned assignments that are to be taken into account in the design of the new plan for digital terrestrial broadcasting in the frequency bands 174-230 MHz and 470-862 MHz, as contained in § 1.7.2 of Chapter 1 of the Report of the first session of the conference (see Annex 1 to Resolution 1 from RRC-04). With respect to the treatment of these frequency assignments in the planning process, the Report contains the following indications in § 5.1.7.1: “Before the start of the second session of RRC, the ITU

Radiocommunication Bureau will draw up and post on the RRC section of the ITU website (www.itu.int) a list of such assignments of other primary services that need to be taken into account. *Existing and planned assignments to other primary services should only be taken into account during the planning process at the request of the administrations concerned and as defined in § 1.7 of this Report*”. Therefore, it is the responsibility of the concerned administration to indicate which of the eligible existing and planned assignments of primary services, other than broadcasting, will be included in the planning process.

3 Once included in the reference situation, these frequency assignments will be examined with respect to the digital broadcasting requirements and the compatibility assessment will be based, inter alia, on the use of the service type code. As the information on the service code, which is needed for determining the applicable protection criteria, is not included in the MIFR (this data element does not form part of the data in Appendix 4 of the Radio Regulations), it would need to be provided, by the administrations concerned, for those frequency assignments that would need to be taken into account in the planning process (see §§ 4.1.2.1.1, 4.1.2.2, 4.1.4.1.1 and 4.1.4.2 of the Report).

4 The Bureau considered all the relevant aspects of this issue and concluded that it may be beneficial for administrations to combine the process of identification of the existing and planned assignments of primary services, other than broadcasting, that will be included in the planning process, with the process of submission of the information on the service type code, as well as with the process regarding the updates of coordination information. For this purpose, and as announced in Circular Letter CR/220, the Bureau developed a new type of notice R06, to be used in the context of the establishment of the reference situation for primary services other than broadcasting. This Circular Letter describes the concerned notice type and provides supplementary information in this respect.

5 **Annex 1** to this Circular Letter contains the layout of the notice type R06, in its paper format. **Annex 2** contains the description of the electronic format for notice type R06. **Annex 3** provides the guidelines on the preparation of R06 notices, including the description of the data items and validation rules that are specific to the R06 notice form. A sample electronic notice file for the notice type R06 is given in **Annex 4**. As indicated in the title of the notice form, it is intended for identification of those frequency assignments, **already recorded in the Master Register**, which should be included in the planning process at the request of the administration concerned. In this form of notice, administrations should provide the identifying parameters of the eligible frequency assignment that would need to be included into the reference situation, together with the indication of the service type code and any coordination information that might have been updated in the meantime (complete list of administrations with which successful coordination has been achieved). Similarly to other terrestrial notice types, the R06 notice uses the replacement concept, which means that the service type code and the coordination information submitted on the R06 notice completely replaces the service type code and the coordination information in a recorded assignment.

6 It is recalled that additional explanations with respect to various categories of eligible frequency assignments have been included in Circular Letters CR/216, CR/220 and CR/223. Therefore, the indication of the frequency assignments that are to be taken into account in the planning process should be based on the following considerations:

6.1 with respect to the assignments notified to the Radiocommunication Bureau and recorded in the MIFR by 31 December 1989: the indication is to be based on the list of eligible assignments attached to Circular Letter CR/216 of 19 July 2004. The eligible frequency assignments of this group will be included unconditionally in the reference situation, if so requested by the responsible administration, provided that no complaint of harmful interference was received by the Bureau;

6.2 with respect to the assignments notified to the Radiocommunication Bureau and recorded or considered as being recorded in the MIFR between 31 December 1989 and 10 May 2004: the indication is to be based on the list of eligible assignments attached to Circular Letter CR/220 of 20 September 2004. Any frequency assignment from this group will be included in the reference situation, if so requested by the responsible administration, irrespective of the status of coordination of the concerned assignment with respect to existing and planned broadcasting assignments and allotments of other administrations, provided that no complaint of harmful interference was received by the Bureau. The examination and coordination of these assignments with respect to the existing and planned broadcasting assignments, prior to the second session of the RRC, as indicated in the footnote 5 to § 1.7.2 of the Report, is a bilateral matter between the administrations concerned;

6.3 with respect to the assignments notified to the Radiocommunication Bureau after 10 May 2004 and successfully coordinated by 31 October 2005: the indication is to be submitted after the completion of the coordination procedure referred to in Resolution GT-PLN/3 of RRC-04 and after the application of the standard notification procedure under Article 11 of the Radio Regulations (see section 7.2 in Circular Letter CR/223 of 29 October 2004).

7 Information on the service type codes, which needs to be indicated on R06 notices for each specific frequency assignment in order to determine the applicable protection ratio, may be found in Annexes 4.1 and 4.2 of the Report. The Bureau is aware of the fact that, under certain circumstances, it may be difficult for administrations to associate a service type code with a particular assignment, especially for old records. Furthermore, some service descriptions with their associated service type codes and protection ratios may not exist in the RRC-04 Report for specific radiocommunication systems and the extensive use of generic values may not represent a viable solution on a large scale and may lead to incorrect results. Therefore, administrations may wish to carry out additional studies on protection ratios for those radio systems, which are not covered in Annexes 4.1 and 4.2 of the RRC-04 Report and to submit the results of these studies to the relevant ITU-R study groups, with a view to their consideration and subsequent submission to the IPG.

8 Administrations may wish to ascertain whether some of the recorded assignments are still in use with the notified characteristics and, if not, to initiate the required actions for their deletion from the MIFR or for consequential update (see § 10 below). The Bureau specifically invites the administrations having eligible assignments in the list annexed to Circular Letter CR/216 to review their entries in that list and to take consequential actions. An early identification of the assignments that are to be taken into account in the planning process, with timely initiation of the relevant studies regarding the associated protection criteria and early actions on the obsolete assignments (such as deletion from the Master Register, or their updates), would certainly contribute to increased accuracy in the compatibility assessment.

9 According to the decisions of the RRC-04, as contained in Resolution COM5/1, all actions concerning the establishment of the reference situation shall be completed by 31 October 2005. However, administrations may wish to initiate the necessary actions already now, especially in the context of the lists annexed to Circular Letters CR/216 and CR/220. In this connection, the Bureau wishes to inform the administrations that the first planning exercise, which will be conducted between 31 May 2005 and 15 July 2005, will be based on the complete lists of eligible assignments annexed to Circular Letters CR/216 and CR/220, unless otherwise indicated by the concerned administrations.

10 The Bureau reiterates the fact that notice type R06 was developed only for the purpose of conducting the planning activities referred to in the decisions of RRC-04, and does not replace the standard notice types T11 – T14, the formats of which were described in BR Circular Letter CR/118 of 31 March 1999.

11 The Bureau remains at the disposal of your Administration for any clarification you may require with respect to the subjects covered in this Circular Letter.

Yours faithfully,

V. Timofeev
Director, Radiocommunication Bureau

Annexes: 4

Distribution :

- Administrations of Member States of ITU
- Members of the Radio Regulations Board

Annex 1

Date of notification Day Month Year		B. Notifying Administration		FORM OF NOTICE IDENTIFICATION AND UPDATE OF THE COORDINATION INFORMATION AND SERVICE TYPE CODE OF RECORDED TERRESTRIAL STATION OF A PRIMARY SERVICE OTHER THAN BROADCASTING IN RRC-06 PLANNING AREA AND IN FREQUENCY BANDS TO BE TAKEN INTO ACCOUNT DURING THE PLANNING		R06 09/03/2004	
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(For BR use only)		☐ ADD recorded assignment to the Reference file		☐ WITHDRAW previously added assignment from the Reference file		Previously recorded Administration Unique Identifier, or					
Identifying parameters of the recorded assignment		O-6a: Class of station		O-7a: Designation of emission		O-10b: Hours of operation From (UTC) To (UTC)		O-4e: Geographic area to which the typical station is applicable or		O-4c/5c: Coordinates / centre of circular area (Long./Lat.) deg. min. sec. E/W deg. min. sec. N/S	
Particulars of the assignment to be updated		11: Successfully completed coordination with other Administrations Symbols designating the Administration								Remarks	

(For BR use only)		☐ ADD recorded assignment to the Reference file		☐ WITHDRAW previously added assignment from the Reference file		Previously recorded Administration Unique Identifier, or					
Identifying parameters of the recorded assignment		O-6a: Class of station		O-7a: Designation of emission		O-10b: Hours of operation From (UTC) To (UTC)		O-4e: Geographic area to which the typical station is applicable or		O-4c/5c: Coordinates / centre of circular area (Long./Lat.) deg. min. sec. E/W deg. min. sec. N/S	
Particulars of the assignment to be updated		11: Successfully completed coordination with other Administrations Symbols designating the Administration								Remarks	

(For BR use only)		☐ ADD recorded assignment to the Reference file		☐ WITHDRAW previously added assignment from the Reference file		Previously recorded Administration Unique Identifier, or					
Identifying parameters of the recorded assignment		O-6a: Class of station		O-7a: Designation of emission		O-10b: Hours of operation From (UTC) To (UTC)		O-4e: Geographic area to which the typical station is applicable or		O-4c/5c: Coordinates / centre of circular area (Long./Lat.) deg. min. sec. E/W deg. min. sec. N/S	
Particulars of the assignment to be updated		11: Successfully completed coordination with other Administrations Symbols designating the Administration								Remarks	

Annex 2

Electronic notice format for notice type R06

The general structure of the electronic notice file is the same as described in earlier Circular Letters (such as Circular Letter CR/118 (Annex 3) and Circular Letter CR/120 (Annex 2), both dated 31 March 1999). That is, for a file with several notices:

```
<HEAD>
key1=string
key2=string
....
</HEAD>
```

```
<NOTICE>
key1=string
key2=string
....
</NOTICE>
```

```
<NOTICE>
key1=string
key2=string
....
</NOTICE>
```

```
<NOTICE>
key1=string
key2=string
....
</NOTICE>
```

```
....
<TAIL>
key1=string
</TAIL>
```

R06 electronic notices can be mixed in the same electronic notice file with other electronic notices (T01, T02, T11, T12, etc.). It is not necessary to have a separate file limited to R06 electronic notices.

The contents of the **HEAD** and **TAIL** sections are fully described in paragraphs 3.1 and 3.2, respectively, of Annex 2 of CR/120.

The section named **NOTICE** for R06 electronic notices may contain the following keys:

t_notice_type	The type of notice. In this case, the notice type is R06 .
t_d_adm_ntc	The date that the administration gives to this notice. This may be different from t_d_sent in the HEAD section. This field is optional. If the date is supplied, it must follow the format for dates described in paragraph 2 of Annex 2 of Circular Letter CR/120.
t_trg_adm_ref_id	The administration's unique identifier of the recorded assignment to be included in/excluded from the reference situation or modified.
t_trg_freq_assgn	The assigned frequency (MHz) of the recorded assignment to be included in/excluded from the reference situation or modified.

t_trg_stn_cls	The class of station of the recorded assignment to be included in/excluded from the reference situation or modified.
t_trg_bdwidth_cde	The four-character code for the necessary bandwidth of the recorded assignment to be included in/excluded from the reference situation or modified.
t_trg_emi_cls	The class of emission of the recorded assignment to be included in/excluded from the reference situation or modified.
t_trg_op_hh_fr	The starting time for the hours of operation of the recorded assignment to be included in/excluded from the reference situation or modified. The format is described in paragraph 2 of Annex 2 of Circular Letter CR/120.
t_trg_op_hh_to	The ending time for the hours of operation of recorded assignment to be included in/excluded from the reference situation or modified. The format is described in paragraph 2 of Annex 2 of Circular Letter CR/120.
t_trg_geo_type	For typical stations, indicates whether the typical station has a circular area or a geographic area. Possible values are CIRCLE for a circular area, and ZONE for a geographic area. For all others, indicates that the principal site is a single geographic point. This value must be POINT.
t_trg_zone_id	The geographic area of the recorded assignment to be included in / excluded from the reference situation or modified (when t_trg_geo_type is ZONE).
t_trg_long	If the transmitting or receiving antenna site is a single geographic point (when t_trg_geo_type is POINT): the longitude of the antenna site of the recorded assignment to be included in/excluded from the reference situation or modified. For typical stations with a circular area (when t_trg_geo_type is CIRCLE): the longitude of the centre of the circular area of the recorded assignment to be included in / excluded from the reference situation or modified. The format for the longitude is described in paragraph 2 of Annex 2 of Circular Letter CR/120.
t_trg_lat	If the transmitting or receiving antenna site is a single point (when t_trg_geo_type is POINT): the latitude of the antenna site of the recorded assignment to be included in / excluded from the reference situation or modified. For typical stations with a circular area (when t_trg_geo_type is CIRCLE): the latitude of the centre of the circular area of the recorded assignment to be included in / excluded from the reference situation or modified. The format for the latitude is described in paragraph 2 of Annex 2 of Circular Letter CR/120.

- t_rrc06_ref_sit_intent** This is equal to **INCLUDE** if the recorded assignment to be updated should be included in the reference file for RRC-06. This is equal to **EXCLUDE** if the recorded assignment to be updated should be excluded from the reference file for RRC-06. This is an optional key; **INCLUDE** is the default if this key is not specified.
- t_remarks** Any comment designed to assist the Bureau in processing the notice. This field is optional. 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**.

The **NOTICE** section of an **R06** electronic notice may, optionally, contain one **COORDINATION** sub-section. If there is a **COORDINATION** sub-section, it must follow the format described in paragraph 3.5 of Annex 2 of Circular Letter CR/120.

If a **COORDINATION** sub-section is supplied, the list of administration codes for the administrations with which coordination has been achieved in this sub-section will completely *replace*¹ (not supplement) the list in the recorded assignment to be included in / excluded from the reference situation or modified. For example, if the recorded assignment to be included in / excluded from the reference situation or modified already contains two such administration codes, and you wish to add three such administration codes, the R06 notice should contain all five administration codes, not only the three additional ones.

If a **COORDINATION** sub-section is *not* supplied, the list of administration codes in the recorded assignment to be included in/excluded from the reference situation or modified will be *erased*.

The **NOTICE** section of an R06 electronic notice may, optionally, contain one **SERVICE_TYPE** sub-section. The **SERVICE_TYPE** sub-section, if it exists, must contain one or two keys for the service type code, as explained in Annex 3 to this Circular Letter. With each key, there is the corresponding service type code.

- t_service_type** The service type code, as described in Annex 4.1 or Annex 4.2 of Chapter 4 of the RRC-04 Report (compatibility with other primary services), to be used for the recorded assignment to be included in / excluded from the reference situation or modified.

As with the **COORDINATION** sub-section, if a **SERVICE_TYPE** sub-section is supplied, the list of service type codes in this sub-section will completely *replace* (not supplement) the list in the recorded assignment to be included in / excluded from the reference situation or modified. Similarly, if a **SERVICE_TYPE** sub-section is *not* supplied, the list of service type codes in the recorded assignment to be included in/excluded from the reference situation or modified will be *erased*.

Additional points:

For the R06 notices, there are two alternative methods of uniquely identifying the existing assignment to be included in / excluded from the reference situation or modified:

- Supply the administration's unique identifier of the recorded assignment to be included in/excluded from the reference situation or modified (the target), **t_trg_adm_ref_id**. If the administration's unique identifier is used, this must be the value that corresponds to the target with a fragment of **NTFD_RR**.

¹ The **COORDINATION** sub-section replaces, rather than supplements, the existing list of administration codes to provide a simple way of deleting an administration code from the existing list in the recorded assignment to be included in/excluded from the reference situation or modified.

- Supply the identifying technical parameters that uniquely identify the recorded assignment to be included in/excluded from the reference situation or modified. For all R06 electronic notices where this option is used, the following keys must be supplied:

t_trg_freq_assgn
t_trg_stn_cls
t_trg_bdwidth_cde
t_trg_emi_cls
t_trg_op_hh_fr
t_trg_op_hh_to
t_trg_geo_type

- In addition, depending on the type of existing assignment, the following keys must be supplied:

Terrestrial typical transmitting station (see notice type T14) **t_trg_zone_id**
with a geographic area; that is, when **t_trg_geo_type** is **ZONE**.

Terrestrial typical transmitting station (see notice type T14) **t_trg_long**
with a circular area; that is, when **t_trg_geo_type** is **CIRCLE**. **t_trg_lat**

All others (see notice types T11, T12, and T13); that is, when **t_trg_long**
t_trg_geo_type is **POINT**. **t_trg_lat**

The administration's unique identifier of the target, **t_trg_adm_ref_id**, if submitted, will be used to identify the assignment being modified. If this unique identifier is not submitted, the combination of the other parameters (**t_trg_freq_assgn**, **t_trg_stn_cls**, etc.) will be used to identify the assignment being modified.

Relationship with electronic formats for other notice types:

The structure and contents of the **COORDINATION** sub-section for an R06 notice are the same as those for the **COORDINATION** sub-section for all other notice types.

The keys which uniquely define the recorded assignment to be included in / excluded from the reference situation or modified (the target) are the same keys as for the T11, T12, T13, and T14 notice types.

The key **t_rrc06_ref_sit_intent** in the R06 notice has the same range of values (**INCLUDE** or **EXCLUDE**) as the BC6 notice.

There are certain keys that appear in the **NOTICE** section for other notice types, but which do not appear in the **NOTICE** section for the R06. This is because there is one, and only one, possible value for these keys in an R06 notice. Therefore, there is no need to submit these keys and corresponding values for the R06. The Bureau will, in effect, generate these keys automatically for each R06 notice.

To help understand the relationship of the R06 with the other notice types, the unnecessary keys for the R06 are:

t_fragment	The fragment will always be NTFD_RR for an R06 notice, so there is no need to submit it.
t_action	The action will always be MODIFY for an R06 notice, so there is no need to submit it.

Annex 3

Detailed data information and validation rules

The purpose of this Annex is to describe those data items and validation rules, which are specific to the R06 notice form.

The rules for notification of some general data items such as the Notifying Administration, the Date of Notice and Remarks have been already covered in Addendum 1 to Circular Letter CR/118 dated 23 April 1999 and are not reproduced in this Annex.

3.1 Notice type (only for electronic notification)

t_notice_type

This information is mandatory for electronic notices. The only allowed value is R06. The field is provided in the **NOTICE** section.

3.2 ADD/WITHDRAW indicator

t_rrc06_ref_sit_intent

On the paper notices only one box shall be checked.

Box **ADD** shall be checked if the assignment recorded in the Master Register needs be included into the reference situation for RRC-06.

Box **WITHDRAW** shall be checked if the assignment recorded in the Master Register needs to be excluded from the reference situation for RRC-06. Please note that the action **WITHDRAW** is used only when the responsible administration has already requested to include the notified assignment into the reference situation by submitting an R06 notice form but later changed its intention.

On electronic notices, **t_rrc06_ref_sit_intent** may have the following values:

INCLUDE if the recorded assignment to be updated should be included in the reference situation for RRC-06.

EXCLUDE if the recorded assignment to be updated should be excluded from the reference situation for RRC-06.

The data item is optional. If no information is submitted, option **ADD/INCLUDE** is used as default value.

For electronic notices the field is provided in the **NOTICE** section.

3.3 Previously recorded administration unique identifier

t_trg_adm_ref_id

This field may be used to identify the recorded assignment to be included in / excluded from the reference situation for RRC-06 or to be modified.

For electronic notices the field is provided in the **NOTICE** section.

If the administration unique identifier of the target is not submitted, then the parameters of the target (assignment recorded in the Master Register), which are listed in the Table below shall be provided.

Paper notice	Electronic notice	Description	Notice types of the previously recorded assignment
O-1a: Assigned frequency	t_trg_freq_assign	Assigned frequency of the target	T11, T12, T13, T14
O-6a: Class of station	t_trg_stn_cls	Class of station of the target	T11, T12, T13, T14
O-7a: Designation of emission	t_trg_emi_cls t_trg_bdwidth_cde	Designation of emission of the target	T11, T12, T13, T14
O-10b: Hours of operation	t_trg_op_hh_fr; t_trg_op_hh_to.	Hours of operation of the target	T11, T12, T13, T14
O-4c or O-5c: Coordinates	t_trg_geo_type (electronic notice only) and t_trg_long; t_trg_lat	- Coordinates of the target - Coordinates of the centre of circular area of the target	- T11, T12, T13 - T14
O-4e: Geographic area to which the typical station is applicable	t_trg_geo_type (electronic notice only) and t_trg_zone_id	- Geographic area to which typical station is applicable. - Allotment area of the target	T14

3.4 Item O-1a - Assigned frequency of the target

t_trg_freq_assign

The assigned frequency of the target is mandatory, if the administration unique identifier of the target is not provided.

For electronic notices the field is provided in the **NOTICE** section.

3.5 Item O-6a - Class of station of the target

t_trg_stn_cls

The class of station of the target is mandatory, if the administration unique identifier of the target is not provided.

For electronic notices the field is provided in the **NOTICE** section.

3.6 Item O-7a - Designation of emission of the target

t_trg_bdwidth_cde and t_trg_emi_cls

The designation of emission of the target is mandatory, if the administration unique identifier of the target is not provided.

For electronic notices these fields are provided in the **NOTICE** section.

3.7 Item O-10b - Regular hours of operation of the target

t_trg_op_hh_fr and t_trg_op_hh_to

The regular hours of operation of the target are mandatory, if the administration unique identifier of the target is not provided.

For electronic notices these fields are provided in the **NOTICE** section.

3.8 Geographical coordinates of the target

Item O-4c - Geographical coordinates of the transmitting antenna site of the target

Item O-4c - Geographical coordinates of the centre of the circular area of the target

Item O-5c - Geographical coordinates of the receiving antenna site of the target

t_trg_long and **t_trg_lat**

The geographical coordinates of the target are mandatory if the administration unique identifier of the target is not provided. The choice of a specific data item containing geographical coordinates depends on the notice type of the target assignment as follows:

- The geographical coordinates of the transmitting antenna site of the target shall be notified when the notice type of the target assignment is T11 or T12. For electronic notices the field is provided in the **NOTICE** section.
- The geographical coordinates of the receiving antenna site of the target shall be notified when the notice type of the target assignment is T13. For electronic notices the field is provided in the **NOTICE** section.
- The geographical coordinates of the centre of the circular area of the target shall be notified when the notice type of the target assignment is T14 and the area of location of typical stations is identified as a circular area. For electronic notices the field is provided in the **NOTICE** section.

3.9 Type of geographic area of the target (only for electronic notification)

t_trg_geo_type

The type of geographic area of the target is mandatory for all notice types of the target assignment, if the administration unique identifier of the target is not provided.

The allowed values are:

- **POINT** when the notice type of the target assignment is T11-T13 or
- **CIRCULAR** or **ZONE** when the notice type of the target assignment is T14 and the area of location of typical stations is identified as a circular area or as a geographic area respectively.

For electronic notices the field is provided in the **NOTICE** section.

3.10 Item 4e - Geographical area of the target

t_trg_zone_id

The type of geographic area of the target is mandatory when the notice type of the target assignment is T14 and the area of location of typical stations is identified as an ITU three-character code for a geographic area and the administration unique identifier of the target is not provided.

For electronic notices the field is provided in the **NOTICE** section.

3.11 Item 11 - Coordination with other administrations

t_adm

This data item is optional. Indicate the ITU three-character code of the administration with which coordination has been successfully completed.

When the list of codes for the administrations with which coordination has been achieved is submitted using R06 notice form, this list completely replaces (not supplements) the coordination information included in the target assignment. Therefore, the coordination information on a R06

notice should always contain the complete list of the administrations with which coordination has been successfully achieved.

For electronic notices the field is provided in the **COORDINATION** sub-section.

3.12 Service type code

t_service_type

This data item is required in order to link the notified assignment to the corresponding protection ratios, which are contained in Annex 4.1 and Annex 4.2 of the RRC-04 Report.

The allowed values for this data item are as follows:

- values contained in the Tables of service type codes of Annex 4.1 and Annex 4.2 of the RRC-04 Report, if the assigned frequency of the target assignment falls in the band 174 – 230 MHz;
- values contained in the Table of the service type codes of Annex 4.2 of the RRC-04 Report, if the assigned frequency of the target assignment falls in the band 470 - 862 MHz.

For assignments operating in the band 174 – 230 MHz, two service type codes may be submitted. The first one is used for calculation of interference from T-DAB assignments and the second one is used for calculation of interference from DVB-T assignments.

For assignments operating in the band 470 - 862 MHz only one value of the service type code may be submitted. This value is used for calculation of interference from DVB-T assignments.

In order to associate the notified assignment with the corresponding service type code in the RRC-04 Report it may be necessary to compare the parameters of the target assignment with the parameters of different radio systems listed in Annex 4.1 and Annex 4.2 and choose the appropriate value of service type code, if there are any applicable.

If no value of the service type code is found in the mentioned Annexes or the notifying administration experiences difficulty in associating the target assignment with existing service type code, then this data item should not be notified.

For electronic notices the field is provided in the **SERVICE_TYPE** section.

As with the coordination information, if the service type code(s) is supplied, it completely replaces (not supplements) the service type code(s) recorded in the target assignment. Similarly, if no service type code is supplied on the R06 notice form, the service type code(s) in the target assignment is erased.

Tables of the service type codes contained in Annex 4.1 and Annex 4.2 are reproduced below.

Table of service type codes of Annex 4.1
(Protection of other primary services from T-DAB)

Service type code	Service
AA	aeronautical mobile (OR)
AL	aeronautical mobile (OR)
CA	fixed
DA	aeronautical mobile (OR)
DB	aeronautical mobile (OR)
IA	fixed
MA	land mobile
ME	aeronautical mobile (OR)
MF	aeronautical mobile (OR)
MG	aeronautical mobile (OR)
MI	maritime mobile
MJ	maritime mobile
MK	maritime mobile
ML	fixed
MQ	mobile
MT	fixed
MU	mobile
M1	mobile
M2	mobile
RA	mobile
R1	land mobile
R3	mobile
R4	mobile
XA	land mobile
XB	fixed
XE	aeronautical mobile (OR)
XM	land mobile
YA	land mobile
YB	land mobile
YC	aeronautical mobile (OR)
YD	aeronautical mobile (OR)
YE	maritime mobile
YF	fixed
YG	aeronautical mobile (OR)
YH	land mobile
YT	aeronautical mobile (OR)
YW	aeronautical mobile (OR)
YY	land mobile
YZ	land mobile

Table of service type codes of Annex 4.2
(Protection of other primary services from DVB-T)

Service type code	Service
AA8	aeronautical radionavigation
FF	fixed
FH	fixed
FK7	fixed
FK8	fixed
NA	land mobile
NB7	land mobile
NB8	land mobile
NR7	land mobile
NR8	land mobile
NS7	land mobile
NS8	land mobile
NT7	land mobile
NT8	land mobile
NV	land mobile
NX	land mobile
NY	land mobile
NZ	land mobile
XA8	radio astronomy
XB8	radio astronomy
XG	aeronautical radionavigation

Annex 4

Sample R06 electronic notice file

A sample file containing one or more R06 electronic notices might have this structure:

```
<HEAD>
(keys and data for heading)
</HEAD>
<NOTICE>
t_notice_type = R06
(keys to identify the assignment to be modified)
t_rrc06_ref_sit_intent = INCLUDE
<COORDINATION>
(t_adm for each administration with which coordination has been completed)
</COORDINATION>
<SERVICE_TYPE>
(t_service_type for each Service Type code)
</SERVICE_TYPE>
</NOTICE>
<NOTICE>
t_notice_type = R06
(keys to identify the assignment to be modified)
<COORDINATION>
(t_adm for each administration with which coordination has been completed)
</COORDINATION>
<SERVICE_TYPE>
(t_service_type for each Service Type code)
</SERVICE_TYPE>
</NOTICE>
<NOTICE>
t_notice_type = R06
(keys to identify the assignment to be modified)
<COORDINATION>
(t_adm for each administration with which coordination has been completed)
</COORDINATION>
<SERVICE_TYPE>
(t_service_type for each Service Type code)
</SERVICE_TYPE>
</NOTICE>
<NOTICE>
t_notice_type = R06
(keys to identify the assignment to be modified)
t_rrc06_ref_sit_intent = EXCLUDE
</NOTICE>
<TAIL>
t_num_notices = 4
</TAIL>
```
