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| **Radiocommunication Study Groups** |  |
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| Source: Document 5D/TEMP/519 |  |
| **26 July 2011** |
| **English only** |
| Working Party 5D |
| Liaison statement to the 3GPP Organizational Partnerson the completion of Rec. ITU-R M.[IMT.RSPEC][[1]](#footnote-1) |
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Working Party 5D (WP 5D) thanks the 3GPP OPs for their Liaisons in Doc. [5D/1014](http://www.itu.int/md/R07-WP5D-C-1014/en) (“Liaison response to Working Party 5D concerning completion of Recommendation ITU‑R M.[IMT.RSPEC]”) and Doc. [5D/1013](http://www.itu.int/md/R07-WP5D-C-1013/en) (“Additional liaison response to Working Party 5D concerning completion of Recommendation ITU‑R M.[IMT.RSPEC]”) toward the completion of Recommendation ITU‑R M.[IMT.RSPEC] (“Detailed specifications of the terrestrial radio interfaces of IMT‑Advanced”) in conjunction with Step 8 (“Development of radio interface Recommendation(s)”) of the process.

# 1 Outcome of the discussion on the 3GPP OPs LSs

With reference to Doc. 5D/1014 (“Liaison response to Working Party 5D concerning completion of Recommendation ITU‑R M.[IMT.RSPEC]”, submitted by ATIS on behalf of the 3GPP OPs), WP 5D acknowledges the alignment of the described 3GPP working methods with the ITU procedures toward the finalization of Rec. ITU-R M.[IMT.RSPEC].

With reference to Doc. 5D/1013 (“Additional liaison response to Working Party 5D concerning completion of Recommendation ITU‑R M.[IMT.RSPEC]”, submitted by ATIS on behalf of the 3GPP OPs), WP 5D discussed in detail the amendments that were proposed for consideration: taking into account that these amendments were addressing specifications not being part of the GCS, the meeting agreed to incorporate them in Rec. ITU-R M.[IMT.RSPEC]. WP 5D kindly asks 3GPP OPs to provide to the indicated contact point below by WP 5D#12 (deadline for submission to WP 5D#12 is 5 October 2011, 16:00 hours UTC) the two additional Core Network Specifications (TS24.337 and TS24.368) that are now listed in Annex 1 of the preliminary draft new Recommendation ITU‑R M.[IMT.RSPEC], under sections 1.2.2.2.193 and 1.2.2.2.194, respectively, in order to upload them on the ITU web.

# 2 Outcome of the discussion on the ATIS contribution

Working Party 5D takes this opportunity to inform the 3GPP OPs that, based on the discussion on Doc. [5D/977](http://www.itu.int/md/R07-WP5D-C-0977/en) (“Liaison Response to WP 5D concerning completion of Recommendation ITU‑R M.[IMT.RSPEC]”, submitted by ATIS), it was agreed to include an explanatory table in Annex 1 in order to have a clear understanding at a glance of the 3GPP Specifications belonging to the LTE-Advanced GCS; this is also in line with the current structure of Annex 2 of Rec. ITU‑R M.[IMT.RSPEC]. The complete edited Annex 1 can be found in the Chairman’s Report of WP 5D#11 ([Document 5D/1068 Attachment 5.4](http://www.itu.int/md/R07-WP5D-C-1068/en)). These specific changes to add the summary table of transposed specifications is extracted and provided in Attachment 1 to this liaison statement.

Working Party 5D thanks again the 3GPP OPs for their support and looks forward to continuing the fruitful cooperation toward the successful completion of Recommendation ITU-R M.[IMT.RSPEC].

**Attachment:** 1

**Contact:** Sergio Buonomo **E-mail:** (sergio.buonomo@itu.int)

 ITU-R Counsellor for SG 5

A**ttachment 1**

Extract from Annex 1, sect. 1.2 of PDNR ITU-R M.[IMT.RSPEC]

## **1.2 Detailed specification of the radio interface technology**

Detailed specifications described in this Annex are developed around a “Global Core Specification” (GCS)[[2]](#footnote-2), which is related to externally developed materials incorporated by specific references for a specific technology. The process and use of the GCS, references, and related notifications and certifications are found as Document IMT-ADV/24[[3]](#footnote-3).

The IMT-Advanced standards contained in this section are derived from the global core specification for *LTE-Advanced* contained at <http://ties.itu.int/u/itu-r/ede/rsg5/IMT-Advanced/GCS/LTE-Advanced/>. The following notes apply to the sections below, where indicated:

1) The identified ***Transposing Organizations*** should make their reference material available from their web site.

2) This information was supplied by the ***Transposing Organizations*** and relates to their own deliverables of the transposed global core specification.

Section 1.2.1 contains titles and synopses of the Global Core Specification of IMT-Advanced radio interface technology entitled *LTE-Advanced* and the related hyperlinks to the transposed standards. Specifications listed in 1.2.2 are not part of the *LTE-Advanced* GCS.

The specific 3GPP specifications of the GCS for *LTE-Advanced* that are being transposed in
section 1.2.1 are summarized in Table 1.1:

Table 1.1

3GPP specifications in Section 1.2.1 that are to be transposed

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 36.100 Series | 36.200 Series | 36.300 Series | 36.400 Series | 37.100 Series | 25.400 Series |
| TS 36.101TS 36.104TS 36.106TS 36.113TS 36.124TS 36.133TS 36.171 | TS 36.201TS 36.211TS 36.212TS 36.213TS 36.214TS 36.216 | TS 36.300TS 36.302TS 36.304TS 36.305TS 36.306TS 36.307TS 36.314TS 36.321TS 36.322TS 36.323TS 36.331TS 36.355 | TS 36.401TS 36.410TS 36.411TS 36.412TS 36.413TS 36.414TS 36.420TS 36.421TS 36.422TS 36.423TS 36.424TS 36.440TS 36.441TS 36.442TS 36.443TS 36.444TS 36.445TS 36.455 | TS 37.104TS 37.141TS 37.113 | TS 25.460TS 25.461TS 25.462TS 25.466 |

### 1.2.1 Titles and synopses of the Global Core Specification and the transposed standards

#### 1.2.1.1 Introduction

The standards documents referenced below, as transposed from the relevant 3GPP specifications, are provided by the identified ***Transposing Organizations*** as the transposed sets of standards for the terrestrial radio interface of IMT-Advanced identified as *LTE-Advanced* and includes not only the key characteristics of IMT-Advanced but also the additional capabilities of *LTE-Advanced* both of which are continuing to be enhanced.

#### 1.2.1.2 Radio Layer 1

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1. Also copied for information to the Transposing Organizations of Annex 2 of Rec. ITU‑R M.[IMT.RSPEC]: IEEE, ARIB, TTA, WiMAX Forum. [↑](#footnote-ref-1)
2. A “GCS” (Global Core Specification) is the set of specifications that defines a single RIT, an SRIT, or a RIT within an SRIT. [↑](#footnote-ref-2)
3. ADV/24 is available on the ITU-R WP 5D web page under the link “IMT-Advanced documents” (<http://www.itu.int/md/R07-IMT.ADV-C-0024/en>). [↑](#footnote-ref-3)