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**21 April 2011**  
**English only**

## **Working Party 5D**

### **LIAISON STATEMENT TO THE GCS PROPONENTS AND AUTHORISED TRANSPOSING ORGANIZATIONS ON THE COMPLETION OF REC. ITU-R M.[IMT.RSPEC]**

Working Party 5D (WP 5D) thanks the relevant External Organizations contributing to the development activities of IMT-Advanced for their timely inputs.

This liaison statement provides the current status and further guidance regarding the completion of the terrestrial radio interface specifications planned for 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.

#### **I Status of draft new Recommendation ITU-R M.[IMT.RSPEC]**

As anticipated in previous correspondence (Liaison to External Organizations on the schedule and technical and administrative inputs for the completion of the first release of Rec. ITU-R M.[IMT.RSPEC]<sup>1</sup>, see Attachment 1, and “Liaison statement on IMT-Advanced development”<sup>2</sup>, see Attachment 2), ITU-R WP 5D at its meeting #10 has taken note of the Certifications B submitted by the GCS Proponents. It has also reviewed the received inputs for the text in draft Recommendation ITU M.[IMT.RSPEC], including the Global Core Specification (GCS) submissions.

WP 5D has edited, finalised and preliminarily agreed the draft new Rec. ITU-R M.[IMT.RSPEC], which at this time does not include the detailed transposition references. This draft is attached to this liaison statement as Attachment 3. Should your organization have any further comments relevant to Attachment 3, please send them to ITU-R WP 5D in time for the next meeting (ITU-R WP 5D#11, 7-14 July 2011; deadline for submission: 30 June 2011, 16:00 hours UTC).

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<sup>1</sup> E-mail from Colin Langtry dispatched on 7-28-2010, Subject: “Liaison to external organizations on the schedule and technical and administrative inputs for the completion of the first release of Recommendation ITU-R M.[IMT.RSPEC]”.

<sup>2</sup> E-mail from Colin Langtry dispatched on 11-16-2010, Subject: “Liaison to EOs re IMT-ADV results (413(Rev.1)).docx”.

## II Acknowledgment of transposing organizations for draft new Recommendation ITU-R M.[IMT.RSPEC]

The following authorised Transposing Organizations have been indicated to ITU-R WP5D by the GCS Proponents:

For the IMT-Advanced radio interface “*LTE-Advanced*”:

- *Association of Radio Industries and Businesses (ARIB)*
- *Alliance for Telecommunications Industry Solutions (ATIS)*
- *China Communications Standards Association (CCSA)*
- *European Telecommunications Standards Institute (ETSI)*
- *Telecommunications Technology Association (TTA)*
- *Telecommunication Technology Committee (TTC)*

For the IMT-Advanced radio interface “*WirelessMAN-Advanced*”:

- *IEEE*
- *Association of Radio Industries and Businesses (ARIB)*
- *Telecommunications Technology Association (TTA)*
- *WiMAX Forum*

## III Timelines for Finalization of Draft New Recommendation ITU-R M.[IMT.RSPEC]

The following is an extract from the liaison statement in Attachment 1.

Activity	Start	Stop	ITU-R Action/Deliverable/Milestone
WP 5D Meeting #11	7 July 2011	14 July 2011	WP 5D addresses responses from External Organizations on draft new Rec. ITU-R M.[IMT.RSPEC]
<b>Transposing Organization</b> <i>(in the case of a GCS being utilized)</i>	-	Due to ITU-R by 21 September 2011	Delivery to ITU-R of transposition references by <b>each Transposing Organization</b> for incorporation into the WP 5D preliminary agreed draft new Rec. ITU-R M.[IMT.RSPEC] <b>See Item 3 (Table 2)</b> . Delivery to ITU-R of Certification C by <b>each Transposing Organization</b> . <b>See Item 6 (Table 3)</b> .
WP 5D Meeting #12	12 October 2011	19 October 2011	WP 5D reviews and agrees the completed draft new Rec. ITU-R M.[IMT.RSPEC] (which now includes all transposition references) and forwards to Study Group 5

In Step 8, the IMT-Advanced terrestrial component radio interface Recommendation(s) is developed within the ITU-R on the basis of the results of Step 7, sufficiently detailed to enable worldwide compatibility of operation and equipment, including roaming, as indicated in Report ITU-R M.2198.

Working Party 5D looks forward to a submission from each authorised “**Transposing Organization**”, by the deadline of 21 September 2011, of a Certification C based on Document IMT-ADV/24 (Annex 3) and the transposition references for incorporation into the preliminarily agreed draft new Rec. ITU-R M.[IMT.RSPEC]. It is clarified that in regard to Certification C in the header the “SOURCE OF SUBMISSION. e.g., submitter and relevant document numbers” is intended to refer to the detailed references (hyperlinks to the transposed material) as provided by the **Transposing Organisation** in conjunction with Certification C.

Should an identified authorised Transposing Organization decide not to “transpose” a GCS it is still requested to provide a Certification C (selecting option C-2). In this case the Transposing Organisation would not appear in the transposition tables of Rec. ITU-R M.[IMT.RSPEC].

As indicated in IMT-ADV/24 (section IV, Certification C, and Annex 3), the transposed standards/specifications and hyperlink references expected to be received from the Transposing Organizations electing Option C-1 in Certification C in conjunction with the preliminarily agreed RSPEC must be technically consistent with the GCS located at the following URLs:

<http://ties.itu.int/u/itu-r/ede/rsg5/IMT-Advanced/GCS/LTE-Advanced/>

<http://ties.itu.int/u/itu-r/ede/rsg5/IMT-Advanced/GCS/WirelessMAN-Advanced/>

#### **IV Guidelines on structuring the references and hyperlinks to the transposed standards/specifications in Draft New Recommendation ITU-R M.[IMT.RSPEC]**

In order to assist the finalization of Draft New Recommendation M.[IMT.RSPEC] with regard to the incorporation of the references and hyperlinks to the transposed standards/specifications, WP 5D has inserted templates into Attachment 3 indicating how it would prefer the transposition tables be structured by the “**Transposing Organizations**” in each of the annexes in draft new Rec. ITU-R M.[IMT.RSPEC]. WP 5D has developed this suggested format having taken consultation with representatives of the “**Transposing Organizations**” present in the 10<sup>th</sup> meeting.

The “**Transposing Organizations**” are kindly requested to indicate any concerns on this approach to the next meeting (ITU-R WP 5D#11, 7-14 July 2011; deadline for submission: 30 June 2011, 16:00 hours UTC).

#### **V Compliance with ITU policy on Intellectual Property Rights**

“**GCS Proponents**”, “**Transposing Organizations**”, and IPR holders are reminded of the requirements to indicate their compliance with the ITU policy on intellectual property rights (see Annex 1 of Resolution ITU-R 1-5), as specified in the Common Patent Policy for ITU-T/ITU-R/ISO/IEC available at <http://www.itu.int/ITU-T/dbase/patent/patent-policy.html>.

“**GCS Proponents**”, “**Transposing Organizations**”, and IPR holders should indicate their compliance with the ITU policy on intellectual property rights.

Submissions related to compliance should be addressed to the Counsellor for ITU-R Study Group 5, Mr. Sergio Buonomo ([sergio.buonomo@itu.int](mailto:sergio.buonomo@itu.int)) by October, 5<sup>th</sup>, 2011, the cut-off date of the meeting #12 (based on planned meeting dates). Receipt of IPR submissions will be acknowledged by the Radiocommunication Bureau.

## VI Completion of Relevant Business Matters

This recommendation utilizes references to external material in conjunction with Resolution ITU-R 9-3 following the IMT-Advanced process delineated in documents IMT-ADV/2(Rev.1) and IMT-ADV/24 and related correspondence.

IMT-ADV/24 in Section III also outlines criteria and obligations for the *GCS Proponent* and the *Transposing Organizations* particularly with regard to complying with Resolution 9-3.

It is critical to the successful conclusion of the Rec. M.[IMT.RSPEC] that the necessary business and administrative matters outlined in IMT-ADV/24 and Resolution 9-3, including the Guidelines associated with Resolution ITU-R 9 (Liaison and collaboration with other organizations) and the *GCS Proponents* and the *Transposing Organizations* be completed over the next few months.

Working Party 5D has requested that Radiocommunication Bureau contact the *GCS Proponents* and the *Transposing organisations* to put these necessary business and administrative arrangements in place before 30 June 2011 cut-off date for submissions to the 11<sup>th</sup> meeting of WP 5D (7-14 July 2011).

The following links provide further background on this point.

- ITU-R Resolution 9-3: <http://www.itu.int/pub/R-RES-R.9-3-2007>
- Guidelines for the contribution of material of other organizations to the work of the Study Groups and for inviting other organizations to take part in the study of specific matters: <http://www.itu.int/oth/R0A01000002/en>

Working Party 5D thanks again all of the external organizations for their support of the IMT-Advanced process and anticipates receiving the remaining materials for completion of Step 8.

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### Attachment 1: [Note added by 802.16 Chair: see IEEE L802.16-10/0082]



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organizations 1st rele

### Attachment 2: [Note added by 802.16 Chair: see IEEE L802.16-10/0105r1]



Liaison to EOs re  
IMT-ADV results.doc

### Attachment 3: [Note added by 802.16 Chair: see IEEE L802.16-10/0024]



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