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|  | **Radiocommunication Study Groups** | |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** | |  | |
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| Source: Document 5A/TEMP/39 | |  | |
| **18 May 2016** | |
| **English only** | |
| Working Party 5A | | | |
| LIAISON statement to EXTERNAL ORGANIZATIONS[[1]](#footnote-1) | | | |
| Technical and operational characteristics of digital land mobile  communication systems for specific applications | | | |

At its meeting in May 2016, WP 5A has started development of a new Report under Question [ITU‑R 37-6/5](http://www.itu.int/pub/R-QUE-SG05.37) to deal with the technical and operational characteristics of digital systems that may provide capabilities required by specific user groups/applications, such as private mobile radio, public access mobile radio, utilities, e-Health, etc., including those dealing with specialized vertical markets such as governmental, mining, health, hospitality, manufacturing, etc.

Presently Report [ITU-R M.2014](http://www.itu.int/pub/R-REP-M.2014) only covers technical and operational characteristics for digital dispatch systems and also provides details of systems being introduced throughout the world while Recommendation [ITU-R M.478](http://www.itu.int/rec/R-REC-M.478/en) covers characteristics of equipment and principles governing the allocation of frequency channels for the analogue land mobile service. Many of these analogue systems are now being upgraded and replaced by more efficient digital systems. Therefore WP 5A has identified the need to develop a Report on the technical and operational characteristics of digital land mobile systems for specific users. WP 5A is also considering whether this report will also include the current material in Report ITU-R M.2014 which only covers digital trunk radio systems for dispatch traffic.

Work plan for this new Report is attached.

External organizations are invited to contribute with material for development of this new Report.

The next meeting of ITU-R Working Party 5A is scheduled for 7-17 November 2016 and the deadline for submission of contributions is 16:00 hours UTC, 31 October 2016.

WP 5A will consider materials provided by the external organizations and take necessary action as appropriate upon receipt of input contributions at WP 5A meeting in November 2016.

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| **Status:** For action |  |
| **Contact:** Mr Sergio Buonomo  Study Group 5 Counselor | **E-mail:** [sergio.buonomo@itu.int](mailto:sergio.buonomo@itu.int) |

ATTACHMENT

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| **Title** | Workplan for a preliminary draft new Report “Digital land mobile systems for specific applications” |
| **Identifier** | DLMSA |
| **WP 5A Lead Group** | **Working Group 2: Systems and standards** |
| **DG Chair** | Mr. David Tejeda, Mexico **E-mail:** [david.tejeda@ift.org.mx](mailto:david.tejeda@ift.org.mx) |
| **Focus for scope and work**[[2]](#footnote-2) | This Report deals with the technical and operational characteristics of digital systems that may provide capabilities required by specific user groups/applications, such as private mobile radio, public access mobile radio, utilities, e-Health, public protection and disaster relief, machine-to-machine communications, etc. These also include specialized vertical markets such as governmental, mining, health, hospitality, manufacturing, etc. |
| **Related documents** | Question ITU-R 37-6/5 Report ITU-R M.2014 [Others] |
| **Milestones** | **1st Meeting of WP 5A (May, 2016)**  1. Discuss and develop details of scope of work and work plan  2. Outline the structure of working document  3. Develop liaison statements as appropriate  **2nd Meeting of WP 5A (November, 2016)**  1. Consider the received input contributions  2. Continue to develop the working document  4. Review the work plan if needed  5. If necessary, develop liaison statements as appropriate  **3rd Meeting of WP 5A (May, 2017)**  1. Consider the received input contributions  2. Review and discuss received contributions  3. Continue to develop a working document  4. Review the work plan if needed  5. If necessary, develop liaison statements as appropriate  **4th Meeting of WP 5A (November, 2017)**  1. Consider the received input contributions  2. Review and discuss received contributions  3. Stabilize the contents of working document  3. Promote the working document to a PDNR  **5th Meeting of WP 5A (May, 2018)**  1. Consider the received input contributions  2. Finalize the Report and submit to SG 5 for approval |

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1. 3GPP, 3GPP, 3GPP RAN, 3GPP2, 4G Americas, 79 GHz Project, APCO, APG, ARIB, ATIS, AWG, BBF, CCSA, CDG, ETSI, ETSI ERM-TG37, ETSI ERM-TG41, ETSI ERM-TGDMR, ETSI ERM-TGSRR, ETSI SC EMTEL, ETSI TC , RAN, ETSI TC DECT, ETSI TC ERM, ETSI TC ITS, ETSI TC TCCE, GSA, GSMA, iBurst Association, IEEE, ISO TC 204, OASIS, TIA, TIA TR-45, TIA TR-45.3, TIA TR-45.5, TIA TR-8, TTA, TTC, UMTS Forum, WGA, Wi-Fi Alliance, WiMAX Forum, XGP Forum [↑](#footnote-ref-1)
2. *Editor notes for the scope:*

   *– Keep in mind to make appropriate references to other specific docs related to PPDR and Machine to Machine communications.*

   *– It should be discussed further where the frequency bands and channel arrangements would be included, either in this PDNR or in a separate report.*

   *– Make clear in the body text of this PDNR that IMT is covered in other documents.* [↑](#footnote-ref-2)