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| **Radiocommunication Advisory GroupGeneva, 15-17 April 2019** |  |
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|  | **Document RAG19/3-E** |
| **1 October 2018** |
| **English only** |
| ITU-R Working Parties 5A, 5B and 5C |
| liaison statement from ITU-R Working Parties 5A, 5B and 5C which is addressed to TSAG, ITU-T Study groups 2, 5, 9, 12, 13, 15, 16, 17, 20 and the Radiocommunication Advisory Group |

liaison statement from ITU-R Working Parties 5A, 5B and 5C which is addressed to TSAG, ITU-T SGs 2, 5, 9, 12, 13, 15, 16, 17, 20 and the Radiocommunication Advisory Group

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| SummaryThe attached document presents the liaison statement from ITU-R Working Parties 5A, 5B and 5C which is addressed to TSAG, ITU-T Study Groups 2, 5, 9, 12, 13, 15, 16, 17, 20 and the Radiocommunication Advisory Group.Action requiredRAG is invited to note the activities of ITU-R WPs 5A, 5B and 5C and provide feedback, as deemed appropriate. |

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| **Radiocommunication Study Groups** |  |
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| Source: Document 5C/TEMP/146(Rev.1) Subject: ITU inter-Sector coordination |  |
| **31 May 2018** |
| **English only** |
| Working Parties 5A, 5B and 5C |
| LIAISON STATEMENT TO TSAG, ITU-T SGs 2, 5, 9, 12, 13, 15, 16, 17, 20and the radiocommunication Advisory group |
| ITU inter-Sector coordination: WPs 5A, 5B and 5C versus ITU-T Questions |

TSAG provided to ITU-R Study Groups updated mappings of common interest areas of work between the ITU-R and ITU-T study groups for ITU inter-Sector coordination. Working Parties (WPs) 5A, 5B and 5C reviewed the two tables provided in Document [5A/685](https://www.itu.int/md/R15-WP5C-C-0434/en) – [5B/433 – 5C/434](https://www.itu.int/md/R15-WP5C-C-0434/en):

– Table 1 – ITU-R WPs vis-à-vis ITU-T Questions,

– Table 2 – Matrix of ITU-R WPs and ITU-T Questions.

WPs 5A, 5B and 5C propose the following tables for your consideration:

– Table 1 – ITU-R Study Group 5 WPs 5A, 5B and 5C vis-à-vis ITU-T Questions,

– Table 2– Matrix of WPs 5A, 5B and 5C and ITU-T Questions.

Working Parties 5A, 5B and 5C would like to thank ITU-T Study Groups for the collaboration on study Questions of mutual interests. The ITU-R WPs 5A, 5B and 5C reviewed the mapping and propose some modifications; see revision marks in the enclosed Tables. WPs 5A, 5B and 5C invite ITU-T to review the two Tables, and update ITU-R WPs 5A, 5B and 5C on ITU-T Questions, which may be of interest to WPs 5A, 5B and 5C. The Tables will improve cooperation and may avoid duplication of work.

Enclosed the two tables related to the matching of ITU-T Questions of interest to WPs 5A, 5B and 5C.

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| **Status**: For action |  |
| **Contact from:** WP 5A, Michael Kraemer WP 5B, Joseph Cramer WP 5C, Dr. Haim Mazar | E-mail: michael.kraemer@intel.com E-mail: joseph.cramer@boeing.com E-mail: h.mazar@atdi.com  |

Matching of ITU-R WPs of interest to ITU-T study groups

Table 1

ITU-R Study Group 5 WPs 5A, 5B and 5C vis-à-vis ITU-T Questions

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| [**WP 5A**](https://www.itu.int/go/ITU-R/wp5a): Land mobile service above 30 MHz\* (excluding IMT); wireless access in the fixed service; amateur and amateur-satellite services |
| [SG2](https://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/default.aspx) | [Q1/2](http://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/q1.aspx): Application of numbering, naming, addressing and identification plans for fixed and mobile telecommunications services |
| [SG5](https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/default.aspx) | [Q3/5](http://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q3.aspx): Human exposure to electromagnetic fields (EMFs) from information and communication technologies (ICTs) |
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| [SG12](https://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/default.aspx) | [Q1/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q1.aspx): SG12 work programme and quality of service/quality of experience (QoS/QoE) coordination in ITU-T[Q12/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q12.aspx): Operational aspects of telecommunication network service quality[Q17/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q17.aspx): Performance of packet-based networks and other networking technologies |
| [SG13](https://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/default.aspx) | [Q5/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q5.aspx): Applying networks of future and innovation in developing countries[Q16/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q16.aspx): Knowledge-centric trustworthy networking and services[Q23/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q23.aspx): Fixed-Mobile Convergence including IMT-2020 |
| [SG15](https://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/default.aspx) | [Q15/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q15.aspx): Communications for smart grid |
| [SG16](https://www.itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/default.aspx) | [Q1/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q1.aspx): Multimedia coordination[Q24/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q24.aspx): Human factors related issues for improvement of the quality of life through international telecommunications[Q27/16](http://itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q27.aspx): Vehicle gateway platform for telecommunication/ITS services and applications |
| [SG17](https://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/default.aspx) | [Q6/17](http://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q6.aspx): Security aspects of telecommunication services, networks, and Internet of Things[Q13/17](http://itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q13.aspx): Security aspects for Intelligent Transport System |
| [SG20](https://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/default.aspx) | [Q1/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q1.aspx): End to end connectivity, networks, interoperability, infrastructures and Big Data aspects related to IoT and SC&C[Q2/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q2.aspx): Requirements, capabilities, and use cases across verticals[Q3/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q3.aspx): Architectures, management, protocols and Quality of Service[Q4/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q4.aspx): e/Smart services, applications and supporting platforms[Q6/20](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q6.aspx): Security, privacy, trust and identification |
| [**WP 5B**](https://www.itu.int/go/ITU-R/wp5b): Maritime mobile service including Global Maritime Distress and Safety System (GMDSS); aeronautical mobile service and radiodetermination service |
| SG2 | Q1/2: Application of numbering, naming, addressing and identification plans for fixed and mobile telecommunications services |
| [SG5](https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/default.aspx) | [Q3/5](http://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q3.aspx): Human exposure to electromagnetic fields (EMFs) from information and communication technologies (ICTs)[Q9/5](https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q9.aspx): Climate change and assessment of ICT in the framework of the Sustainable Development Goals (SDGs) |
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| [**WP 5C**](https://www.itu.int/go/ITU-R/wp5c): Fixed wireless systems; HF and other systems below 30 MHz in the fixed and land mobile services |
| [SG2](https://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/default.aspx) | [Q3/2](http://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/q3.aspx): Service and operational aspects of telecommunications, including service definition |
| [SG5](https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/default.aspx) | [Q3/5](http://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q3.aspx): Human exposure to electromagnetic fields (EMFs) from information and communication technologies (ICTs) |
| [SG9](https://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/default.aspx) | [Q10/9](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q10.aspx): Work programme, coordination and planning |
| [SG12](https://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/default.aspx) | [Q1/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q1.aspx): SG12 work programme and quality of service/quality of experience (QoS/QoE) coordination in ITU-T[Q12/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q12.aspx): Operational aspects of telecommunication network service quality[Q17/12](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q17.aspx): Performance of packet-based networks and other networking technologies |
| [SG13](https://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/default.aspx) | [Q5/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q5.aspx): Applying networks of future and innovation in developing countries[Q16/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q16.aspx): Knowledge-centric trustworthy networking and services[Q20/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q20.aspx): IMT-2020: Network requirements and functional architecture[Q23/13](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q23.aspx): Fixed-Mobile Convergence including IMT-2020 |
| [SG15](https://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/default.aspx) | [Q1/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q1.aspx): Coordination of access and home network transport standards[Q4/15](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q4.aspx): Broadband access over metallic conductors |

Table 2

Matrix of ITU-R Study Group 5 WPs 5A, 5B and 5C and ITU-T Questions

|  |  |  |  |  |  |  |  |  |  |
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|  | **T SG2** | [**T SG5**](https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/default.aspx) | [**T SG9**](https://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/default.aspx) | [**T SG12**](https://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/default.aspx) | [**T SG13**](https://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/default.aspx) | [**T SG15**](https://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/default.aspx) | [**T SG16**](https://www.itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/default.aspx) | [**T SG17**](https://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/default.aspx) | [**T SG20**](https://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/default.aspx) |
|  | [**1/2**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/q1.aspx) | [**3/2**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/02/Pages/q3.aspx) | [**3/5**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q3.aspx) | [**9/5**](https://www.itu.int/en/ITU-T/studygroups/2017-2020/05/Pages/q9.aspx) | [**1/9**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q1.aspx) | [**7/9**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q7.aspx) | [**10/9**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/q10) | [**1/12**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q1.aspx) | [**12/12**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q12.aspx) | [**17/12**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/12/Pages/q17) | [**5/13**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q5.aspx) | [**6/13**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q6.aspx) | [**20/13**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q20.aspx) | [**22/13**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q22.aspx) | [**23/13**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/13/Pages/q23.aspx) | [**1/15**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q1.aspx) | [**3/15**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q3.aspx) | [**4/15**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q4.aspx) | [**15/5**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/15/Pages/q15.aspx) | [**1/16**](https://www.itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q1.aspx) | [**24/16**](https://www.itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q24.aspx) | [**27/16**](https://www.itu.int/en/ITU-T/studygroups/2017-2020/16/Pages/q27.aspx) | [**6/17**](http://itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q6.aspx) | [**13/17**](http://itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/q13.aspx) | [**1/20**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q1.aspx) | [**2/20**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q2.aspx) | [**3/20**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q3.aspx) | [**4/20**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q4.aspx) | [**6/20**](http://www.itu.int/en/ITU-T/studygroups/2017-2020/20/Pages/q6.aspx) |
| [**5A**](https://www.itu.int/go/ITU-R/wp5a) | X |  | X |  |  |  |  | X | X | X | X | X |  |  | X |  |  |  | X | X | X | X | X | X | X | X | X | X | X |
| [**5B**](https://www.itu.int/go/ITU-R/wp5b) | X |  | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| [**5C**](https://www.itu.int/go/ITU-R/wp5c) |  | X | X |  |  |  | X | X | X | X | X | X | X |  | X | X |  | X |  |  |  |  |  |  |  |  |  |  |  |

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