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| **Radiocommunication Assembly (RA-15)Geneva, 26-30 October 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
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|  | **Document 3/1003-E** |
| **31 August 2015** |
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| Radiocommunication Study Group 3 |
| radiowave propagation |
| Questions assigned to radiocommunication study group 3 |
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Attached please find the list of Questions assigned to Radiocommunication Study Group 3. The following extract from Resolution ITU-R 5‑6 gives the definition of categories of Questions:

C: Conference-oriented Questions associated with work related to specific preparations for, and decisions of, world and regional radiocommunication conferences:

C1: very urgent and priority studies, required for the next World Radiocommunication Conference;

C2: urgent studies, expected to be required for other radiocommunication conferences;

S: Questions which are intended to respond to:

– matters referred to the Radiocommunication Assembly by the Plenipotentiary Conference, any other conference, the Council, the Radio Regulations Board;

– advances in radiocommunication technology or spectrum management;

– changes in radio usage or operation:

S1: urgent studies which are intended to be completed within two years;

S2: important studies, necessary for the development of radiocommunications;

S3: required studies, expected to facilitate the development of radiocommunications;

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| **NOC** = Maintained | **MOD** = Revised | **SUP** =Deleted | **ADD** =New text | **UNA** = Undergoing approval |

QUESTIONS ASSIGNED TO radiocommunication STUDY GROUP 3

Radiowave propagation

| Question ITU-R | Title | Status | Category | Proposed target date | Comments |
| --- | --- | --- | --- | --- | --- |
| [**201-5/3**](http://www.itu.int/pub/R-QUE-SG03.201)  | Radiometeorological data required for the planning of terrestrial and space communication systems and space research application | NOC | (S2) | 2019 |  |
| [**202-4/3**](http://www.itu.int/pub/R-QUE-SG03.202)  | Methods for predicting propagation over the surface of the Earth | NOC | (S2) | 2019 |  |
| [**203-6/3**](http://www.itu.int/pub/R-QUE-SG03.203)  | Propagation prediction methods for terrestrial broadcasting, fixed (broadband access) and mobile services using frequencies above 30 MHz | NOC | (S1) | 2019 |  |
| [**204-6/3**](http://www.itu.int/pub/R-QUE-SG03.204)  | Propagation data and prediction methods required for terrestrial line-of-sight systems | NOC | (S2) | 2019 |  |
| [**205-2/3**](http://www.itu.int/pub/R-QUE-SG03.205)  | Propagation data and prediction methods required for trans-horizon systems | NOC | (S2) | 2019 |  |
| [**206-4/3**](http://www.itu.int/pub/R-QUE-SG03.206)  | Propagation data and prediction methods for fixed and broadcasting-satellite services | NOC | (S2) | 2019 |  |
| [**207-5/3**](http://www.itu.int/pub/R-QUE-SG03.207)  | Propagation data and prediction methods for satellite mobile and radiodetermination services above about 0.1 GHz | NOC | (S2) | 2019 |  |
| [**208-5/3**](http://www.itu.int/pub/R-QUE-SG03.208)  | Propagation factors in frequency sharing issues affecting space radiocommunication services and terrestrial services | NOC | (S2) | 2019 |  |
| [**209-2/3**](http://www.itu.int/pub/R-QUE-SG03.209)  | Variability and risk parameters in system performance analysis | NOC | (S3) | 2019 |  |
| [**211-6/3**](http://www.itu.int/pub/R-QUE-SG03.211)  | Propagation data and propagation models in the frequency range 300 MHz to 100 GHz for the design of short-range wireless radiocommunication systems and wireless local area networks (WLAN) | NOC | (S3) | 2019 |  |
| [**212-3/3**](http://www.itu.int/pub/R-QUE-SG03.212)  | Ionospheric properties | NOC | (S3) | 2019 |  |
| [**213-4/3**](http://www.itu.int/pub/R-QUE-SG03.213)  | The short-term forecasting of operational parameters for trans-ionospheric radiocommunication and aeronautical radionavigation services | NOC | (S3) | 2019 |  |
| [**214-5/3**](http://www.itu.int/pub/R-QUE-SG03.214)  | Radio noise | NOC | (S3) | 2019 |  |
| [**218-6/3**](http://www.itu.int/pub/R-QUE-SG03.218)  | Ionospheric influences on satellite systems | NOC | (S3) | 2019 |  |
| [**222-4/3**](http://www.itu.int/pub/R-QUE-SG03.222)  | Measurements and data banks of ionospheric characteristics and radio noise  | NOC | (S3) | 2019 |  |
| [**225-7/3**](http://www.itu.int/pub/R-QUE-SG03.225)  | The prediction of propagation factors affecting systems at LF and MF including the use of digital modulation techniques | NOC | (S3) | 2019 |  |
| [**226-5/3**](http://www.itu.int/pub/R-QUE-SG03.226)  | Ionospheric and tropospheric characteristics along satellite-to-satellite paths | NOC | (S3) | 2019 |  |
| [**228-2/3**](http://www.itu.int/pub/R-QUE-SG03.228)  | Propagation data required for the planning of space radiocommunication systems and space science service systems operating above 275 GHz | NOC | (C1) | 2019 |  |
| [**229-3/3**](http://www.itu.int/pub/R-QUE-SG03.229)  | Prediction of sky-wave propagation conditions, signal intensity, circuit performance and reliability at frequencies between about 1.6 and 30 MHz, in particular for systems using digital modulation techniques | NOC | (S3) | 2019 |  |
| [**230-3/3**](http://www.itu.int/pub/R-QUE-SG03.230)  | Prediction methods and models applicable to power line telecommunications systems | NOC | (S2) | 2019 |  |
| [**231-1/3**](http://www.itu.int/pub/R-QUE-SG03.231) | The effect of electromagnetic emissions from man-made sources on the radiocommunication systems and networks | NOC | (S2) | 2019 |  |
| [**232-1/3**](http://www.itu.int/pub/R-QUE-SG03.232) | The effect of nanostructure materials on propagation | NOC | (S2) | 2019 |  |
| [**233-1/3**](http://www.itu.int/pub/R-QUE-SG03.233) | Methods for the prediction of propagation path losses between an airborne platform and a satellite, ground terminal or another airborne platform | NOC | (S2) | 2019 |  |

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