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| --- | --- | --- | --- | --- |
| **WORLD WEATHER WATCH**  **COMMISSION FOR BASIC SYSTEMS** |  | | | |
|  | |  | | |
| **Steering Group on Radio Frequency  Coordination (SG-RFC)**  **Boulder, Colorado. USA. 11-13 March 2014.** | | **Document SG-RFC/2014-1-26** | | |
|  | | **03 March 2014** | | |
|  | | **English only** | | |
|  | |  | | |
|  | | **Restricted access required? (Y/N)[[1]](#footnote-1)\*** | **N** |  |
| STEERING GROUP ON RADIO FREQUENCY COORDINATION (SG-RFC) | | | | |
| Vadim Nozdrin | | | | |
| ITU ACTIVITIES | | | | |

# 1) ITU-R recent events:

* Meetings WP [7A](http://www.itu.int/md/R12-WP7A-C-0028/en), [7B](http://www.itu.int/md/R12-WP7B-C-0154/en), [7C](http://www.itu.int/md/R12-WP7C-C-0126/en), [7D](http://www.itu.int/md/R12-WP7D-C-0059/en) (Geneva, 8-12 April 2013)
* Meeting SG [7](http://www.itu.int/md/R12-SG07-C-0067/en) and WP [7A](http://www.itu.int/md/R12-WP7A-C-0042/en), [7B](http://www.itu.int/md/R12-WP7B-C-0226/en), [7C](http://www.itu.int/md/R12-WP7C-C-0188/en), [7D](http://www.itu.int/md/R12-WP7D-C-0090/en) (Geneva, 10-18 September 2013)
* Main outputs:

List of new and revised Recommendations

|  |  |
| --- | --- |
| **Recommendations** | **Titles** |
| **SA series: Space applications and meteorology** | |
| ITU-R SA.[509-2](http://www.itu.int/rec/R-REC-SA.509-3-201312-I/en) | Space research earth station and radio astronomy reference antenna radiation pattern for use in interference calculations, including coordination procedures, for frequencies less than 30 GHz |
| ITU-R SA.[2044](http://www.itu.int/rec/R-REC-SA.2044-0-201312-I/en) | Protection criteria for non-GSO data collection platforms in the band 401‑403 MHz |
| ITU-R SA.[1275-3](http://www.itu.int/rec/R-REC-SA.1275-4-201312-I/en) | Orbital locations of data relay satellites to be protected from the emissions of fixed service systems operating in the band 2 200-2 290 MHz |
| ITU-R SA.[1276-3](http://www.itu.int/rec/R-REC-SA.1276-4-201312-I/en) | Orbital locations of data relay satellites to be protected from the emissions of fixed service systems operating in the band 25.25-27.5 GHz |
| ITU-R SA.[2045](http://www.itu.int/rec/R-REC-SA.2045-0-201309-I/en) | Basic general partitioning and sharing conditions for the band 401‑403 MHz for future long-term coordinated use of data collection systems on geostationary and non-geostationary METSAT and EESS systems |
| ITU-R SA.[1626](http://www.itu.int/rec/R-REC-SA.2045-0-201309-I/en) | Feasibility of sharing between the space research service (space-to-Earth) and the fixed and mobile service in the band 14.8-15.35 GHz |
|  |  |
| ITU-R SA.[1414](http://www.itu.int/rec/R-REC-SA.1414-1-201312-I/en) | Characteristics of data relay satellite systems |
| ITU-R SA.[1155](http://www.itu.int/rec/R-REC-SA.1155-1-201312-I/en) | Protection criteria related to the operation of data relay satellite systems |
| **RA series: Radio astronomy** | |
| ITU-R RA.[1417](http://www.itu.int/rec/R-REC-RA.1417-1-201312-I/en) | A radio-quiet zone in the vicinity of the L2 Sun-Earth Lagrange point |
| **RS series: Remote sensing systems** | |
| ITU-R RS.[2042](http://www.itu.int/rec/R-REC-RS.2042-0-201312-I/en) | Typical technical and operating characteristics for spaceborne radar sounder systems using the 40-50 MHz band |
| ITU-R RS.[2043](http://www.itu.int/rec/R-REC-RS.2043-0-201312-I/en) | Characteristics of synthetic aperture radars operating in the Earth exploration-satellite service (active) around 9 600 MHz |

List of new and revised Reports

|  |  |
| --- | --- |
| **Reports** | **Titles** |
| **SA series: Space applications and meteorology** | |
| ITU-R SA. [2271](http://www.itu.int/pub/R-REP-SA.2271-2013) | Sharing conditions between space research service proximity operations links and fixed and mobile service links in the 410-420 MHz band |
| ITU-R SA.[2272](http://www.itu.int/publ/R-REP-SA.2272-2013/en) | Spectrum requirements for future EESS missions operating under a potential new EESS uplink allocation in the 7/8 GHz range |
| ITU-R SA.[2275](http://www.itu.int/pub/R-REP-SA.2275-2013) | Sharing between the EESS (Earth-to-space) and the fixed service in the 7‑8 GHz range |
| ITU-R SA.[2276](http://www.itu.int/pub/R-REP-SA.2276-2013) | Protection of SRS earth stations from transmitting aircraft stations in the 2 200-2 290 MHz band |
| ITU-R SA. [2277](http://www.itu.int/pub/R-REP-SA.2277-2013) | Sharing studies between mobile-satellite service (MSS) in the 22-26 GHz range with impact on space research service (SRS) |
| **RS series: Remote sensing systems** | |
| ITU-R RS.[2068](http://www.itu.int/pub/R-REP-RS.2068-1-2013) | Current and future use of the band 13.25-13.75 GHz by spaceborne active sensors |
| ITU-R RS.[2273](http://www.itu.int/pub/R-REP-RS.2273-2013) | Potential interference from EESS (active) scatterometers into ARNS systems in the frequency band 1 215-1 300 MHz |
| ITU-R RS.[2274](http://www.itu.int/pub/R-REP-RS.2274-2013) | Spectrum requirements for spaceborne synthetic aperture radar (SAR) applications planned in an extended allocation to the Earth exploration‑satellite service (EESS) around 9600 MHz |
| **RA series: Radio astronomy** | |
| ITU-R RA.[2099](http://www.itu.int/pub/R-REP-RA.2099-1-2013) | Radio observations of pulsars for precision timekeeping |
| ITU-R RA.[2126](http://www.itu.int/pub/R-REP-RA.2126) | Techniques for mitigation of radio frequency interference in radio astronomy |

# 2) WRC-15 preparation

* [**ITU-R Preparatory Studies for WRC-15**](http://www.itu.int/ITU-R/index.asp?category=study-groups&rlink=rcpm-wrc-15-studies&lang=en)
* [1st ITU Inter-regional Workshop on WRC-15 Preparation](http://www.itu.int/en/ITU-R/conferences/wrc/2015/irwsp/2013/Pages/default.aspx)

# 3) Oceanogragraphic radars

* Note Study Group 5 to BR Director (Doc. [5/93](http://www.itu.int/md/R12-SG05-C-0093/en))
* Reply to Study Group 5 Chairman's note regarding oceanographic radars (Doc. [5/98](http://www.itu.int/md/R12-SG05-C-0098/en))

# 4) ITU-R events in 2014

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | [Start[Description: Ascending](javascript:%20__doPostBack('ctl00$SPWebPartManager1$g_b4a0aacc_f7f6_4580_b374_1e0333097853','dvt_sortfield=%7bStart_Date%7d;dvt_sortdir=%7b'%20+%20'descending'%20+%20'%7d');)](javascript:%20__doPostBack('ctl00$SPWebPartManager1$g_b4a0aacc_f7f6_4580_b374_1e0333097853','dvt_sortfield=%7bStart_Date%7d;dvt_sortdir=%7b'%20+%20'descending'%20+%20'%7d');) | Description: http://www.itu.int/_layouts/images/blank.gif | | |  |  | | --- | --- | | [End](javascript:%20__doPostBack('ctl00$SPWebPartManager1$g_b4a0aacc_f7f6_4580_b374_1e0333097853','dvt_sortfield=%7bEnd_Date%7d;dvt_sortdir=%7b'%20+%20'ascending'%20+%20'%7d');) | Description: http://www.itu.int/_layouts/images/blank.gif | | |  |  | | --- | --- | | [Group](javascript:%20__doPostBack('ctl00$SPWebPartManager1$g_b4a0aacc_f7f6_4580_b374_1e0333097853','dvt_sortfield=%7bGroupE%7d;dvt_sortdir=%7b'%20+%20'ascending'%20+%20'%7d');) | Description: Open Menu | | |  |  | | --- | --- | | [Title](javascript:%20__doPostBack('ctl00$SPWebPartManager1$g_b4a0aacc_f7f6_4580_b374_1e0333097853','dvt_sortfield=%7bev_ltitle_e%7d;dvt_sortdir=%7b'%20+%20'ascending'%20+%20'%7d');) | Description: Open Menu | | |  |  | | --- | --- | | [Place](javascript:%20__doPostBack('ctl00$SPWebPartManager1$g_b4a0aacc_f7f6_4580_b374_1e0333097853','dvt_sortfield=%7bPlaceE%7d;dvt_sortdir=%7b'%20+%20'ascending'%20+%20'%7d');) | Description: Open Menu | |
| 2014-03-17 | 2014-03-21 | [RRB-14.1](http://www.itu.int/ITU-R/index.asp?category=conferences&rlink=rrb&lang=en) | Radio Regulations Board (RRB) | Switzerland [Geneva] |
| 2014-03-24 | 2014-03-28 | [WP 6C](http://www.itu.int/ITU-R/go/rwp6c) | Programme Production and Quality Assessment | Switzerland [Geneva] |
| 2014-03-25 | 2014-04-02 | [WP 6A](http://www.itu.int/ITU-R/go/rwp6a07) | Terrestrial Broadcasting Delivery | Switzerland [Geneva] |
| 2014-03-31 | 2014-04-03 | [WP 6B](http://www.itu.int/ITU-R/go/rwp6b07) | Broadcast Service Assembly and Access | Switzerland [Geneva] |
| 2014-04-04 | 2014-04-04 | [SG 6](http://www.itu.int/ITU-R/go/rsg6) | Broadcasting Service | Switzerland [Geneva] |
| 2014-04-14 | 2014-04-16 | [ITU-R Seminars and Workshops](http://www.itu.int/en/ITU-R/space/workshops/cyprus-2014/Pages/default.aspx) | BR Workshop on the efficient use of the spectrum / orbit resource | Cyprus |
| 2014-05-06 | 2014-05-13 | [WP 7A](http://www.itu.int/ITU-R/go/rwp7a) | Time Signals and Frequency Standard Emissions | Switzerland [Geneva] |
| 2014-05-06 | 2014-05-13 | [WP 7B](http://www.itu.int/ITU-R/go/rwp7b) | Space Radiocommunication Applications | Switzerland [Geneva] |
| 2014-05-06 | 2014-05-13 | [WP 7C](http://www.itu.int/ITU-R/go/rwp7c) | Remote Sensing Systems | Switzerland [Geneva] |
| 2014-05-06 | 2014-05-13 | [WP 7D](http://www.itu.int/ITU-R/go/rwp7d) | Radio Astronomy | Switzerland [Geneva] |
| 2014-05-19 | 2014-05-29 | [WP 5A](http://www.itu.int/ITU-R/go/rwp5a) | Land mobile service above 30 MHz\*(excluding IMT); wireless access in the fixed service; amateur and amateur-satellite services | Switzerland [Geneva] |
| 2014-05-19 | 2014-05-30 | [WP 5B](http://www.itu.int/ITU-R/go/rwp5b) | Maritime mobile service including Global Maritime Distress and Safety System (GMDSS); aeronautical mobile service and radiodetermination service | Switzerland [Geneva] |
| 2014-05-19 | 2014-05-28 | [WP 5C](http://www.itu.int/ITU-R/go/rwp5c) | Fixed wireless systems; HF and other systems below 30 MHz in the fixed and land mobile services | Switzerland [Geneva] |
| 2014-06-03 | 2014-06-11 | [WP 1A](http://www.itu.int/ITU-R/go/rwp1a) | Spectrum Engineering Techniques | Switzerland [Geneva] |
| 2014-06-03 | 2014-06-11 | [WP 1B](http://www.itu.int/ITU-R/go/rwp1b) | Spectrum Management Methodologies and Economic Strategies | Switzerland [Geneva] |
| 2014-06-03 | 2014-06-10 | [WP 1C](http://www.itu.int/ITU-R/go/rwp1c) | Spectrum Monitoring | Switzerland [Geneva] |
| 2014-06-12 | 2014-06-12 | [SG 1](http://www.itu.int/ITU-R/go/rsg1) | Spectrum Management | Switzerland [Geneva] |
| 2014-06-16 | 2014-06-16 | [CCV](http://www.itu.int/ITU-R/index.asp?category=study-groups&rlink=rccv&lang=en) | Coordination Committee for Vocabulary (CCV) | Switzerland [Geneva] |
| 2014-06-18 | 2014-06-25 | [WP 5D](http://www.itu.int/ITU-R/go/rwp5d) | IMT Systems | To be determined |
| 2014-06-24 | 2014-06-27 | [RAG](http://www.itu.int/ITU-R/index.asp?category=conferences&rlink=rag&lang=en) | Radiocommunication Advisory Group (RAG) | Switzerland [Geneva] |
| 2014-06-25 | 2014-07-01 | [WP 4C](http://www.itu.int/ITU-R/go/rwp4c) | Efficient Orbit/Spectrum Utilization for MSS and RDSS | Switzerland [Geneva] |
| 2014-06-30 | 2014-07-04 | [WP 4B](http://www.itu.int/ITU-R/go/rwp4b) | Systems, air interfaces, performance and availability objectives for FSS, BSS and MSS, including IP-based applications and satellite news gathering | Switzerland [Geneva] |
| 2014-07-02 | 2014-07-10 | [WP 4A](http://www.itu.int/ITU-R/go/rwp4a) | Efficient Orbit/Spectrum Utilization for FSS and BSS | Switzerland [Geneva] |
| 2014-07-11 | 2014-07-11 | [SG 4](http://www.itu.int/ITU-R/go/rsg4) | Satellite Services | Switzerland [Geneva] |
| 2014-07-21 | 2014-07-31 | [JTG 4-5-6-7](http://www.itu.int/ITU-R/index.asp?category=study-groups&rlink=jtg4-5-6-7&lang=en) | Joint Task Group 4-5-6-7 | Switzerland [Geneva] |
| 2014-07-30 | 2014-08-05 | [RRB-14.2](http://www.itu.int/ITU-R/index.asp?category=conferences&rlink=rrb&lang=en) | Radio Regulations Board (RRB) | Switzerland [Geneva] |
| 2014-09-01 | 2014-09-12 | [WP 3J](http://www.itu.int/ITU-R/go/rwp3j) | Propagation Fundamentals | Switzerland [Geneva] |
| 2014-09-01 | 2014-09-12 | [WP 3K](http://www.itu.int/ITU-R/go/rwp3k) | Point-to-Area Propagation | Switzerland [Geneva] |
| 2014-09-01 | 2014-09-12 | [WP 3M](http://www.itu.int/ITU-R/go/rwp3m) | Point-to-point and Earth-space propagation | Switzerland [Geneva] |
| 2014-09-03 | 2014-09-12 | [WP 3L](http://www.itu.int/ITU-R/go/rwp3l) | Ionospheric Propagation and Radio Noise | Switzerland [Geneva] |
| 2014-09-30 | 2014-09-30 | [SG 7](http://www.itu.int/ITU-R/go/rsg7) | Science Services | Switzerland [Geneva] |
| 2014-10-01 | 2014-10-07 | [WP 7A](http://www.itu.int/ITU-R/go/rwp7a) | Time Signals and Frequency Standard Emissions | Switzerland [Geneva] |
| 2014-10-01 | 2014-10-07 | [WP 7B](http://www.itu.int/ITU-R/go/rwp7b) | Space Radiocommunication Applications | Switzerland [Geneva] |
| 2014-10-01 | 2014-10-07 | [WP 7C](http://www.itu.int/ITU-R/go/rwp7c) | Remote Sensing Systems | Switzerland [Geneva] |
| 2014-10-01 | 2014-10-07 | [WP 7D](http://www.itu.int/ITU-R/go/rwp7d) | Radio Astronomy | Switzerland [Geneva] |
| 2014-10-08 | 2014-10-08 | [SG 7](http://www.itu.int/ITU-R/go/rsg7) | Science Services | Switzerland [Geneva] |
| 2014-10-15 | 2014-10-22 | [WP 5D](http://www.itu.int/ITU-R/go/rwp5d) | IMT Systems | Switzerland [Geneva] |
| 2014-10-27 | 2014-11-07 | [WP 5A](http://www.itu.int/ITU-R/go/rwp5a) | Land mobile service above 30 MHz\*(excluding IMT); wireless access in the fixed service; amateur and amateur-satellite services | Switzerland [Geneva] |
| 2014-10-27 | 2014-11-07 | [WP 5C](http://www.itu.int/ITU-R/go/rwp5c) | Fixed wireless systems; HF and other systems below 30 MHz in the fixed and land mobile services | Switzerland [Geneva] |
| 2014-10-27 | 2014-11-07 | [WP 5B](http://www.itu.int/ITU-R/go/rwp5b) | Maritime mobile service including Global Maritime Distress and Safety System (GMDSS); aeronautical mobile service and radiodetermination service | Switzerland [Geneva] |
| 2014-11-10 | 2014-11-11 | [SG 5](http://www.itu.int/ITU-R/go/rsg5) | Terrestrial Services | Switzerland [Geneva] |
| 2014-11-10 | 2014-11-20 | [WP 6A](http://www.itu.int/ITU-R/go/rwp6a07) | Terrestrial Broadcasting Delivery | Switzerland [Geneva] |
| 2014-11-10 | 2014-11-20 | [WP 6B](http://www.itu.int/ITU-R/go/rwp6b07) | Broadcast Service Assembly and Access | Switzerland [Geneva] |
| 2014-11-10 | 2014-11-20 | [WP 6C](http://www.itu.int/ITU-R/go/rwp6c) | Programme Production and Quality Assessment | Switzerland [Geneva] |
| 2014-11-12 | 2014-11-13 | [WRC-15-IRWSP-14](http://www.itu.int/en/ITU-R/conferences/wrc/2015/irwsp/Pages/default.aspx) | 2nd ITU Inter-regional Workshop on WRC-15 Preparation | Switzerland [Geneva] |
| 2014-11-17 | 2014-11-21 | [RRB-14.3](http://www.itu.int/ITU-R/index.asp?category=conferences&rlink=rrb&lang=en%20) | Radio Regulations Board (RRB) | Switzerland [Geneva] |
| 2014-11-21 | 2014-11-21 | [SG 6](http://www.itu.int/ITU-R/go/rsg6) | Broadcasting Service | Switzerland [Geneva] |
| 2014-12-01 | 2014-12-05 | [SC](http://www.itu.int/ITU-R/index.asp?category=study-groups&rlink=rsc&lang=en) | Special Committee | Switzerland [Geneva] |
| 2014-12-08 | 2014-12-12 | [WRS-14](http://www.itu.int/ITU-R/index.asp?category=conferences&rlink=wrs-14&lang=en%20) | World Radiocommunication Seminar 2014 (WRS-14) | Switzerland [Geneva] |

5. Action (by SG-RFC) Proposed (for example, note the information, study the matter, etc.)

For information

6. Draft Text for Inclusion in the SG-RFC Meeting Reports or Other Documents (indicate the appropriate document)

The meeting noted the report from ITU.

1. \* If restricted access is selected the WMO Document will only be accessible to the WMO WIKI registered users. [↑](#footnote-ref-1)