



Update on International Activities

DGEPS – May 5, 2016 – Ottawa

SG1 Block of Meetings

Geneva, Switzerland - June 2 to 10, 2016

- **WRC-19 Related:**
 - Agenda Item 1.14: fixed and land mobile services in 275-450 GHz
 - Agenda Item 9.1.6: wireless power transmission for electric vehicles
 - Agenda Item 9.1.7: management of unauthorized earth stations (context of ESOMPs and UAVs)
- **Non WRC-19 Related:**
 - Proposal for a new Recommendation on sustainable spectrum management
 - Document covers general practices for balanced approach to spectrum management
 - Active participation and discussion in CNO group, and ongoing progress
 - Report on innovative regulatory tools
 - Proposal to remove content related to infrastructure sharing
 - Focus of report is on regulatory tools for spectrum management (use of database, multi-tiered level access)
 - ISED studying strategies for future contributions on this topic, including dynamic spectrum access

SG4 Block of Meetings

Geneva, Switzerland – April 6 - 22, 2016

- **WRC-19 Related:**

- Agenda Item 1.4: Consideration of possible revisions to Annex 7 of Appendix 30 the Radio Regulations
- Agenda Item 1.5: Use of the frequency bands 17.7-19.7 GHz (s-E) and 27.5-29.5 GHz (E-s) by earth stations in motion communicating with geostationary space stations in the FSS
- Agenda Item 1.6: regulatory framework for non-GSO FSS systems in the frequency bands 37.5-39.5 GHz (s-E), 39.5-42,5 GHz (s-E), 47.2-50.2 GHz (E-s) and 50.4-51.5 GHz (E-s)
- Agenda Item 7: Review of the regulatory framework to facilitate rational, efficient and economical use of radio frequencies and any associated orbits
- Agenda Item 9.1, Issue 9.1.1: IMT in the bands 1885-2025 MHz and 2110-2200 MHz (WP4C responsible for studies w/r/t satellite component of IMT)
- Agenda Item 9.1, Issue 9.1.2: compatibility between IMT and BSS (sound) in 1452-1492 MHz in Regions 1 and 3
- Agenda Item 9.1, Issue 9.1.3: NGSO in the bands 3700-4200 MHz, 4500-4800 MHz, 5925-6425 MHz and 6725-7025 MHz
- Agenda Item 9.1, Issue 9.1.9: possible allocation of the band 51.4-52.4 GHz to the FSS (E-s)
- **Non WRC-19 Related:**
 - Review of ITU-R Recommendation S.1503 on the calculation of epfd
 - Resolution 223(revWRC-15): IMT and MSS in L-band /FSS above 3.4 GHz
 - Progress on reports on GFT MSS-ADS

WP5A Meeting

Geneva, Switzerland – May 10 to 20, 2016

- **WRC-19 Related:**

- Agenda Item 1.1: Allocation of 50-54 MHz to the amateur service in Region 1
 - Revision of Rec. ITU-R M.1732-1 on characteristics of systems operating in the amateur and amateur-satellite services for use in sharing studies
- Agenda Item 1.11: Railway radiocommunication systems
 - Development of new Rep. ITU-R M.[RAIL.LINK] on systems for public mobile communications with train/railways
- Agenda Item 1.12: Intelligent Transport Systems (ITS)
 - Development of new Rep. ITU-R M.[ITS USAGE] on ITS usage
- Agenda Item 1.16: WAS/RLAN between 5150 & 5925 MHz
 - RLAN compilation document and preliminary draft new Rep. ITU-R M.[RLAN Mitigation]
- Issue 9.1.5: Recs. ITU-R M.1638-1 & M.1849-1 in Nos. 5.447F and 5.450A

- **Non WRC-19 Related:**

- Public protection and disaster relief
- Sharing schemes in the land mobile service

WP5B Meeting

Geneva, Switzerland – May 10 to 20, 2016

- **WRC-19 Related:**

- Agenda Item 1.8: Global Maritime Distress and Safety System modernization (GMDSS)
 - Possible new service provider for GMDSS and any resulting regulatory changes
- Agenda Item 1.9.1: 156-162.05 MHz for autonomous maritime radio devices
 - Development of a new report to describe and categorize autonomous maritime radio devices
- Agenda Item 1.9.2: VHF Data Exchange satellite component in MMSS
 - Further studies to determine compatibility of MMSS with services in adjacent frequency bands
- Agenda Item 1.10: Introduction and use of Global Aviation Distress and Safety System (GADSS)
 - Development of report on any spectrum requirement for GADSS
- Issue 9.1.4: Stations on board sub-orbital vehicles
 - conduct studies to determine spectrum requirements of sub-orbital vehicles for a possible future agenda item for WRC-23

- **Non WRC-19 Related:**

- Further progress reports on satellite reception of ADS-B and the use of FSS for remotely piloted aerial systems

WP5C Meeting

Geneva, Switzerland – May 10 to 19, 2016

- **WRC-19 Related:**
 - Agenda Item 1.14: HAPS in FS
 - Preliminary discussions taken place in CNO.
 - Important role to play in numerous AI through concerned group input on parameters and sharing studies, including 1.15 and 1.13)
- **Non WRC-19 Related:**
 - Report on FS backhaul for broadband networks
 - Proposal to clarify definitions of fronthaul, midhaul, backhaul
 - Report on coexistence between FS and automotive radars in 71-86 GHz
 - Proposal to finalize study results, and new studies on interference mitigation options
 - Report on FS trends
 - Proposal to include information on future trends, including high frequency bands (90-175 GHz) and multiband solutions
 - Deployment scenarios for HAPS
 - Proposed work to explore fixed broadband access and backhaul opportunities enabled by HAPS
 - Proposal for a new recommendation on HF sharing studies
 - Clarification of parameters and methodologies for conducting studies and calculations (objective is guidance for accurate and consistent studies)

WP5D Meeting

Geneva, Switzerland – June 14 to 22, 2016

- **WRC-19 Related:**

- Issue 9.1.1: IMT in 1885-2025 & 2110-2200 MHz
- Issue 9.1.2: Compatibility of IMT and BSS (sound) in 1452-1492 MHz in Regions 1 & 3
- Issue 9.1.8: Machine-type communications
- Contributing group on AI 1.13

- **Non WRC-19 Related:**

- Channel plans for new IMT bands identified at WRC-15

TG 5/1 Meeting

Geneva, Switzerland – May 23 to 25, 2016

- **WRC-19 Related:**
 - Agenda Item 1.13: Future development of IMT
- Purpose of the meeting will be to set up the task group and organize the work
- Contributing groups:
 - WP 5D (IMT parameters and requirements)
 - SG 3 (channel models)
 - Other WPs (parameters for other allocated services)
- Input from contributing groups is due by end March 2017; 2nd meeting of TG 5/1 is expected after this (sharing studies should not be started until parameters are finalized)

SG6 Block of Meetings

Geneva, Switzerland – October 17 to 28, 2016

- The first meetings of 2015-2019 Study Period held in January - Feb 2016
 - Chairman and Vice-Chairmen appointed
 - Terrestrial broadcasting delivery (Mr. Nafez (IRN) - WP6A)
 - Broadcast service assembly and access (TBC - WP6B)
 - Programme production, quality assessment (Mr. Quested (BBC) - WP6C)
 - While not responsible for any WRC-19 Agenda Items, working parties are contributing / interested groups
 - New Rapporteur Group to be established at the next meeting
 - Non WRC-19 Related:
 - High dynamic range TV systems for broadcasting
 - General viewing conditions for subjective assessment of quality of SDTV, HDTV and UHDT television pictures on flat panel displays
 - Initial usage scenarios and requirements of a global platform for the broadcasting service
 - While not present, Canada is monitoring developments
- Next block of meetings will be in October 2016

CITEL PCC.II

Bogota, Colombia – June 28 to July 1, 2016

- Establish the WRC-19 CITEL preparatory structure
 - Number of groups covering which items and under whose lead
- Featuring a workshop on the transition to digital television and the future of broadcasting
 - Digital Transition Experiences (Regional overview, Mexico, Brazil, USA, etc.)
 - Next Generation of Broadcasting (standards, requirements and recent developments, implementation issues and equipment capabilities)
- Featuring a half-day Joint ITU-CITEL Workshop “Results of WRC-15 and Its Impact on the Americas Region”
 - Overview of all provisions of the Radio Regulations related to terrestrial and space services that were modified during WRC-15.
- Regular agenda including PCC.II Strategic Plan and meetings of the Working Groups on:
 - Preparation for Regional and World Radiocommunication Conferences
 - Terrestrial Fixed and Mobile Radiocommunication Services
 - Spectrum Management
 - Satellite Systems to Provide Fixed and Mobile Services.
 - Broadcasting

Next Meetings

- **CPC** May 4, 2016 (Ottawa)
CPC participation requires preapproval. Those who wish to participate should seek permission by sending an email to ic.secretariat_pcc_itu_r_tsecretariat_ccp_uit_r_t.ic@canada.ca
- **SG5** May 9, 2016 (Geneva)
- **WP 5A, 5B & 5C** May 10-20, 2016 (Geneva)
- **TG5/1** May 23-25, 2016 (Geneva)
- **WP 5D** June 14-22, 2016 (Geneva)
- **SG5, WP 4A&4C** September 21- October 7 (Geneva)
- **WP 6A, 6B & 6C** October 17-27, 2016 (Geneva)
- **SG6** October 28, 2016 (Geneva)
- **WP 1A, 1B & 1C** June 2-9, 2016 (Geneva)
- **SG1** June 10, 2016 (Geneva)
- **CITEL PCC.II** June 28-July 1, 2016 (Bogota)

Canada 