Domestic and Regional Preparations for WRC-19

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World Radiocommunication Conferences (WRCs)

• WRCs are a UN-level world agreement forum through an international treaty

• Operating as a part of the ITU-R, WRCs periodically review and revise the Radio Regulations, meeting every 3 to 4 years

• WRCs operate by the principal of consensus, but there is voting on occasion

• WRCs set the world stage for future technological development

• In recent years there is an increasing emphasis of regional positions and proposals
WRC-19 Agenda Items

WRC-19 will be considering 28 agenda items – but a lot of these break out into multiple issues, so there are approximately 36 issues to be addressed. These include topics like,

• Mobile Broadband / International Mobile Telephony
• High Altitude Platform Systems in the Fixed Service
• Science Issues – MetSat Service, EESS
• Satellite – FSS, MMSS uplinks and downlinks
• Satellite Regulatory Issues
International Preparatory Process

Technical Preparations

- Agenda developed by WRC-15 Nov 2015
- CPM19-1 Nov 2015
- Domestic and Regional Organization 2016
- Study Groups 2016 - 2018
- Draft CPM Report Compiled in Late 2018
- CPM19-2 2018
- WRC-19
- Bilaterals

Proposal Preparations

- Preliminary Views Mid-2016 to Mid-2017
- Regional & Country Coordination 2016 - 2018
- Regional & Country Proposals 2016 - 2019
U.S. Domestic Preparatory Process

In the United States, we have two regulators for spectrum

**NTIA** – Represents Federal Government Agencies
- The RCS of the IRAC develops federal preliminary views and proposals
- NTIA forwards views and proposals to the FCC

**FCC** – Represents the Private Sector and General Public
- The FCC’s WAC develops private sector preliminary views and proposals
- The WAC forwards views and proposals to the FCC
- The FCC Bureaus analyze & modify proposals and forwards them to NTIA

NTIA & FCC coordinate, modify, and approve views and proposals

The State Department submits U.S. views and proposals to CITEL or the ITU
U.S. Domestic Preparatory Process

WRC-19

CPM19-2

ITU-R Study Groups, Working Parties & Task Groups

U.S. Domestic Preparatory Work

CPM19-1

Negotiation of final technical input to the WRC

Negotiation of technical study results internationally

U.S. preparation of technical inputs

Organization of ITU-R Study Group Work

CITEL

Preferred

Optional

State Department

NTIA

FCC

IRAC RCS

WRC-19 WAC

RCS Working Groups

WAC Informal Working Groups

U.S. View and Proposal Preparation

U.S. Technical Preparation
Much of the work that is done to prepare for a WRC is done in a period called a *study cycle*. This figure shows the primary milestones.
In recent WRCs, the participation of member states as part of **Regional Groups** (groups of countries associated by geography as well as politics) has been an important part of reaching consensus on the issues before each conference.

- Regional Groups prepare views and proposals on WRC agenda items and submit proposals to the WRC on behalf of their regional group.
- Each Regional Group has its own set of rules and procedures for producing regional proposals to the WRC.

Regional Organizations

- CITEL
- CEPT
- RCC
- ASMG
- ATU
- APT
Regional Telecommunication Organizations

Almost all of the countries in the world belong to one of these six main regional groups.

- **CITEL** – Inter-American Telecommunication Commission, 35 members
- **CEPT** – European Conference of Postal and Telecommunication Administrations, 48 members
- **APT** – Asia Pacific Telecommunity, 38 members
- **ASMG** – Arab Spectrum Management Group, 22 members
- **ATU** – African Telecommunications Union, 44 members
- **RCC** – Regional Commonwealth in the Field of Communications, 11 members

There are also other political alliances, such as NATO and GCC, which have spectrum interests, and sub-regional groups such as CTU, SADC, ECOWAS, and EACO which work on spectrum interests based on geography.
Inter-American Telecommunication Commission (CITEL)
European Conference of Postal and Telecommunications Administrations (CEPT)

- Council
- ECO
- ECC
- CERP
- Com-ITU

**CEPT Assembly**
- **Presidency**: The Chairmen of the Committees (ECC, CERP, and Com-ITU) form the Presidency of CEPT
- **Committee Task Groups and Project Teams**

**Working Groups**
- Working Group Spectrum Engineering (WG SE)
- Working Group Frequency Management (WG FM)
- Working Group Numbering and Networks (WG NaN)
- Conference Preparatory Group (WG CPG)
- Working Group Policy
- Working Group UPU

Support from ECO

ECO is the permanent office of CEPT established in Copenhagen

Updated: October 2013
Participate!

We encourage getting involved in the WRC preparatory process
   – Participation in technical ITU-R Study Group work
   – National & Regional Preparation of CPM Proposals
   – National & Regional Preparation of WRC Proposals

Keep up to date on U.S. WRC-19 preparations
     The NTIA web site also keeps track of the progress of CITEL proposals
   – www.fcc.gov/ib/

The preparations for WRC-19 are well underway!
Questions?