



Lecture Text for

Module 3-3-2: National Preparatory Process (case study) (China, People's Republic of)

- examples of various domestic preparatory processes for WRC by some APT Members

Lecturer: Mr. Xiaoyang Gao

Introduction of the Lecturer

Mr. Xiaoyang Gao



Biographical notes

Mr. Xiaoyang Gao is a Chief Spectrum Officer of China Satellite Communications Co., Ltd (CHINA SATCOM). Vice-Chairman of ITU CPM-19. He is an expert of the Radio Association of China, and a member of Radio Applications and Management Committee under China Institute of Communications.

He participated in satellite engineering for more than 30 years, ITU&APG relevant activities for more than 20 years, including PP-14, WRCs, Working Party and Study Group meetings, ITU Council and Council Working Group meetings and APT Conference Preparatory Group meetings.

As Vice-Chairman of Satellite Services of ITU during the period 2007-2015, he also chaired as Drafting Group Chairman of APG on Satellite Procedure and Regulatory issues for WRC-12, Working Party Chairman of APG on Satellite Services for WRC-15, CPM Report Rapporteur on Fixed-Satellite Service for WRC-15, Working Party Chairman of WRC-15 on Satellite Allocation issues. By RA-15, Mr. GAO was elected as Vice-Chairman of WRC-19 preparatory meeting.

WRC-19 Preparations in China

Xiaoyang GAO, CHINA SATCOM, CHINA

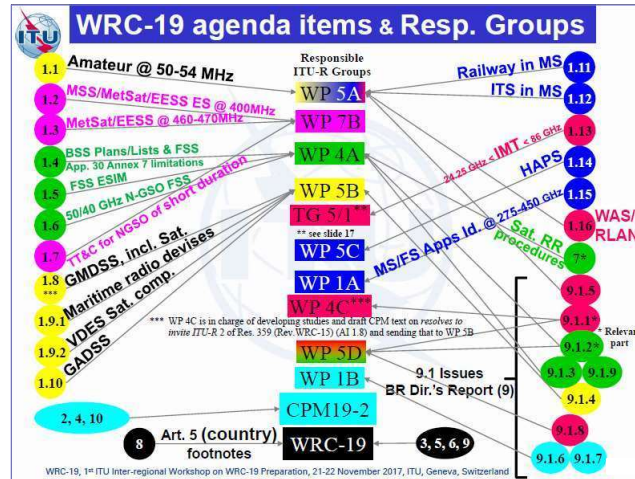


A. WRC Preparations

- **The Administration MIIT leads** the WRC preparation in China, encouraging domestic manufacturer, academia, research institute, and operational enterprises to take part in the preparatory work.
- WRC will produce new version of the RR, which needs solid research in technical operational and regulatory aspects. This **Administration stresses the importance** to join the preparatory work, exchange and coordinate views domestically and internationally:
 - Domestic research and coordination
 - Taking part in regional preparatory work (including APG, AWG)
 - Joining ITU-R Working Party and Task Group meetings, views exchange with other administrations
 - Taking part in meetings of scientific/international organization



B. WRC-19 Preparations in Structure (1)



B. WRC-19 Preparations in Structure (2)

WRC-15 Structure

COM 1 Steering	COM 4 1.1; 1.2; 1.3; 1.4; 1.5*; 1.15; 1.16; 1.17; 1.18; 9.1.7; GFT*	COM 5 1.6; 1.7; 1.8*; 1.9; 1.10; 1.11; 1.12; 1.13; 1.14; 7*; 9.1.1; 9.1.2; 9.1.3; 9.1.5; 9.1.8; 9.2**; 9.3	COM 6 2; 4; 8; 9.1.4; 9.1.6; 9.2; 10
COM 2 Credentials	WG 4A (Aeronautical and Radiolocation) 1.5*, 1.17, 1.18, GFT*	WG 5A (Space Science) 1.11, 1.12, 1.13, 1.14	WG 6A (General Issues) 2, 4, 8, 9.1.4, 9.1.6, 9.2**
COM 3 Budget Control	WG 4B (Maritime and Amateur) 1.4, 1.15, 1.16	WG 5B (Satellite Allocation) 1.6, 1.7, 1.8*, 1.9, 1.10, 9.1.1	WG 6B (Next WRC) 10
COM 7 Editorial	WG 4C (Maritime and Amateur) 1.1, 1.2, 1.3, 3, 9.1.7	WG 5C (Satellite Regulatory Issues) 7*, 9.1.2, 9.1.3, 9.1.5, 9.1.8, 9.2**	

* The meetings on 1.5, 1.8, 7 and GFT shall not be in parallel.

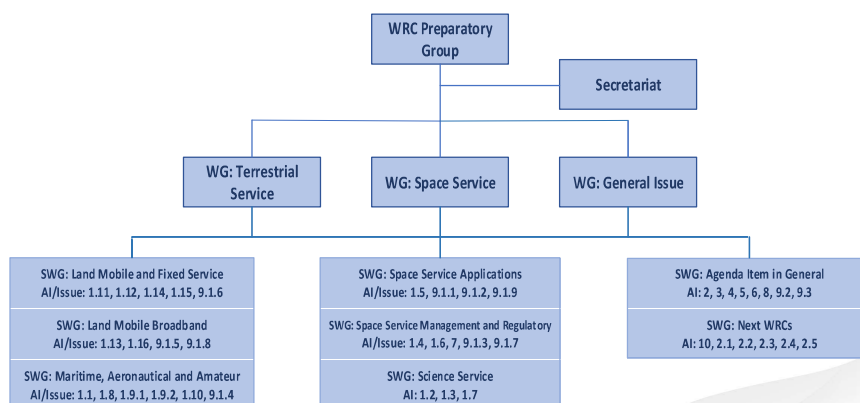
** Relevant parts of AI 3, 5, 9.2 should be allocated as appropriate.

B. WRC-19 Preparations in Structure (3)

- Enhancing the preparatory level in broader and accurate ways
 - Referring to the structure of WRC-15
 - Corresponding to 3 Service Committees, set up **3 WGs** regarding Terrestrial Service, Space Service and General issue.
 - Corresponding to Working Groups, **set up SWGs** regarding different agenda items/issues, helping cooperation and views exchange among relevant topics, and supporting the preparatory work efficiently
 - **Preparatory work coving all agenda items/issues**
 - The structure of the CPM19-2 meeting was also considered
 - WRC-19 agenda items and issues covered
 - WRC-19: 17 new agenda items, 11 standing agenda items and 9 issues under the agenda item 9.1
 - CPM19-2: 17 new agenda items, standing agenda items 2, 4 etc., and 9 issues under the agenda item 9.1
 - WRC-23: 5 preliminary agenda items



B. WRC-19 Preparations in Structure (4)



B. WRC-19 Preparations in Structure (5)

■ Entities in the preparations

Government Sectors	Industries	Academia
<ul style="list-style-type: none">•Ministry of Public Security•Ministry of Transport•State Administration of Press Publication Radio Film and Television•Civil Aviation Administration,•China Meteorological Administration•State Oceanic Administration	<ul style="list-style-type: none">•China Areospace Science and Technology Corporation•China Satcom•China Mobile•China Unicom•China Telecom•Huawei Technologies•ZTE•Datang Telecom Technology and Industry Group	<ul style="list-style-type: none">•State Radio Monitoring Center•China Academy of Telecommunication Research•China Academy of Space Technology•National Astronomical Observatories, Chinese Academy of Sciences•National Time Service Center, Chinese Academy of Sciences•National Institution of Metrology•National Radio Spectrum Management Institution•Chinese Radio Association•Beijing University of Posts and Telecommunications



B. WRC-19 Preparations in Structure (6)

■ Scope of the Work

➤ WRC-19 Preparatory Group

Research, coordinate and **determine this Administration's position**, review and determine views and proposals of Chinese documents, responsible for coordination domestically and internationally. **Coordination of difficult issues.**

- Chairman: Director General of the BRR of MIIT
- Vice Chairmen: Leaders of relevant entities of the preparatory work
- Member: Chairmen of the working groups

➤ Secretariat

- **Focal point of daily work for** WRC-19 preparations, including organizing Chinese delegation to WRC relevant meetings, submitting input documents, publishing study report, etc.
- **Contact point**, liaise and coordinates China WRC preparatory work.



B. WRC-19 Preparations in Structure (7)

➤ Working Group

Review views and proposals, give guidance to activities of SWG, leading and coordinate studies of agenda items.

- Chairmen: Director/Deputy Director of the Department of BRR

➤ Sub-Working Group

Support SWG Chairman to **carry out studies on various agenda items**, hold meetings regularly, and assist the secretariat to prepare input documents to APG, AWG and ITU meetings, review and submit study report.

➤ Study Group on agenda items

- **Organize** domestic relevant entities and **lead technical/operational/regulatory studies on agenda items/issues**
- **Comprehend trend** of technical/operational status, spectrum usages and service development
- **Coordinate and suggest China views and proposals**. Prepare and update study report.
- **Learn and coordinate views and positions** with other Members, regional telecommunication organization(s), operating agencies, etc.



C. WRC-19 Preparations in Procedure (1)

■ Improve management and efficiency

➤ Input document review and approval

- **Time limitation**

An entity (among SWG) responsible for an agenda item should **submit the input document to the secretariat in advance of three weeks before the requested deadline**, with copy to the counterpart WP/SG of that SWG, leaving time for review, possible discussion and approval.

➤ Filing in table and report necessary items of the input document

- **This standard table and items** can improve the management and efficiency of document submission



C. WRC-19 Preparations in Procedure (2)

➤ Input document submission procedure

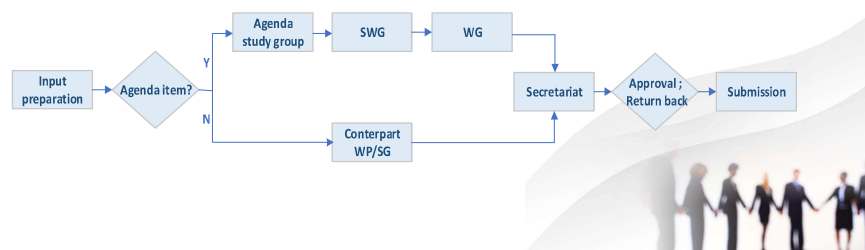
- Agenda item document:

Input preparation → Agenda item study group → SWG → WG → Preparatory group → Secretariat → Submission

Note: The domestic counterpart WP/SG will be informed of this submission

- Normal input document:

Input preparation → **Counterpart WP/SG** → Approval → Secretariat → Submission



C. WRC-19 Preparations in Procedure (3)

- This method can **comprehensively and efficiently merge the procedure and submission of documents** on both WRC agenda items and normal inputs, encouraging relevant entities to take part in the studies in both fields.
- **Acquiring support from domestic counterpart WP/SG** on WRC agenda items. The domestic counterpart WP/SG have been attending relevant ITU meetings, have rich experience and knowledge on various topics, ITU wording procedures, Recommendations and Reports.
- **Summarizing the reached views, proposals and difficulties during the discussions in the SWG**, which will be reported to the Secretariat. The study report will also be discussed and submitted to the Secretariat by the SWG.
- **Summarization of relevant ITU meetings** within one month from the end of the meeting, and report to the Secretariat. The Preparatory Group will review the report and **dispatch its guidance when necessary**.

C. WRC-19 Preparations in Procedure (4)

Here to find information on WRC-15 preparation in China

www.miit.gov.cn

www.srrc.org.cn

Please contact Secretariat of WRC Preparation Group
by email to

wrc@miit.gov.cn



WRC-19 Preparations in China

Thank You for Your kind attention

