

#DarkAndQuietSkies for Science and Society

Panel 4 – achieving success at COPUOS: lessons learnt

VERONIQUE GLAUX

Space Radio Regulations Senior Engineer
ITU Representative to COPUOS

International Telecommunication Union



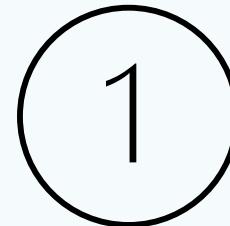
DARK SKIES



QUIET SKIES



REPRESENTING ITU TO COPUOS SESSIONS AND UNOOSA PROGRAMMES



ASSISTING ON DEMAND

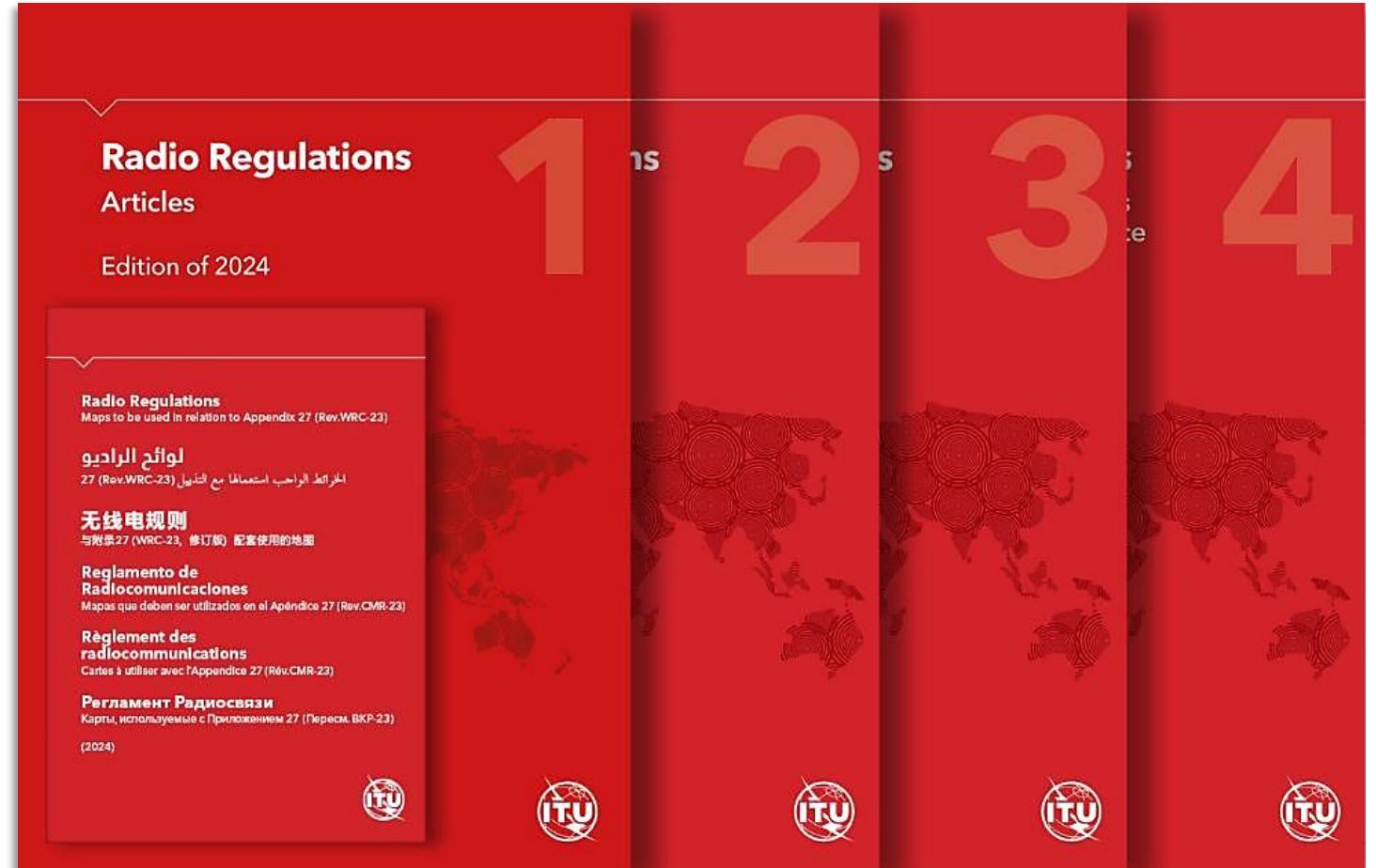
COPUOS MEMBERS, OBSERVERS AND UNOOSA

ABOUT ITU MANDATE AND MECHANISM

Stability
To use
the Spectrum/Orbits
Limited Natural Resources

Record in the International
Master Frequency Register

Allows coordination



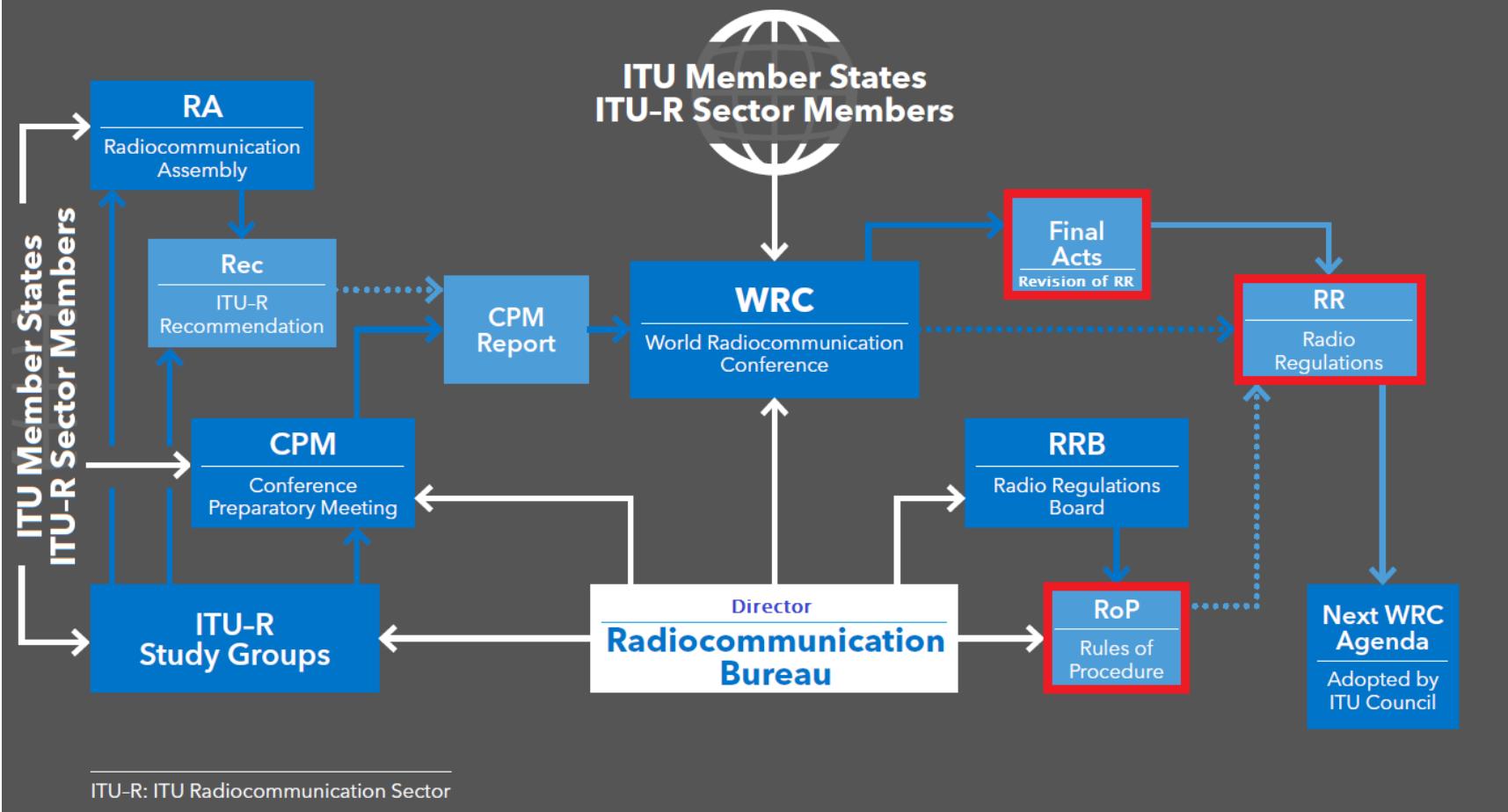
Adaptability

To new technologies
and protection of existing
Radio Services



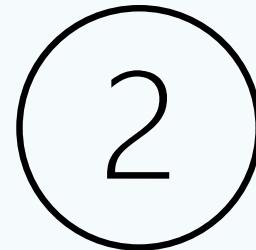


The World Radiocommunication Conference process





ASSISTING ON DEMAND



UPDATING

COPUOS MEMBERS, OBSERVERS AND UNOOSA

ABOUT ITU ACTIVITIES AND PROGRESS

ITU Radiocommunication Sector (ITU-R)

Legend:

Study Group: SG

Working Party: WP

WRC-27 Agenda Item: AI

SG1
Spectrum
Management

WP1A

WP1B

WP1C

SG3
Radio-wave
propagation

WP3J

WP3K

WP3L

WP3M

SG4
Satellite
services

WP4A
FSS BSS
AI 1.1 to 1.6

WP4B

WP4C
MSS
RDSS
AI 1.11 to
1.14

SG5
Terrestrial
services

WP5A
Land mobile

WP5B
Maritime
mobile
AI 1.8, 1.9

WP5C
Fixed
AI 1.10

WP5D
IMT
AI 1.7

SG6
Broadcasting
services

WP6A

WP6B

WP6C

SG7
Science
services

WP7A

WP7B
Space
Applications
AI 1.15

WP7C
Remote
sensing
AI 1.17 to 1.19

WP7D
Radio
Astronomy
AI 1.16,1.18

ITU Filing

Processing

Master
International
Frequency
Register



COPUOS-STSC AGENDA ITEMS INCLUDING:

"DARK AND QUIET SKIES,
ASTRONOMY AND LARGE
CONSTELLATIONS:
ADDRESSING EMERGING
ISSUES AND CHALLENGES"

WRC-27 AGENDA ITEMS

INCLUDING :

1.16 RADIO QUIET ZONE
1.18 EESS(PASSIVE) AND RADIO
ASTRONOMY SERVICE PROTECTION

1.15 INCLUDES THE SHIELDED ZONE
OF THE MOON

RA-23 RES 74 DRAFTING
HANDBOOK ON SUSTAINABLE USE
OF SPECTRUM/ORBITS

WRC-31 AGENDA ITEMS [UNKNOWN]

ON GOING STUDIES AND TEXTS
INCLUDING:
CONSIDERATION OF UNINTENDED
ELECTROMAGNETIC RADIATION

ITU-R Study Groups work

- **ITU WRC-23 Dubai**
- Decisions on WRC-23 Agenda
- Establishes WRC-27 Agenda

ITU-R Study Groups work

- Preparation of the work:
agenda and recommendations

ITU-R Study Groups work

- Contributions compilation
- Liaison with other Study Groups

ITU-R Study Groups work

- Drafting the Conference Preparatory
Meeting Report with reduced options

ITU-R Study Groups work

- **ITU WRC-27 Shanghai**
- Decision on WRC-23 Agenda
- Establishes WRC-31 Agenda

ITU-R Study Groups work

- Preparation of the work: agenda and
recommendations

ITU-R Study Groups work

- Contributions compilation
- Liaison with other Study Groups

ITU-R Study Groups work

- Drafting the Conference Preparatory
Meeting Report with reduced options

ITU-R Study Groups work

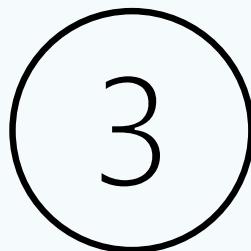
- **ITU WRC-31 xxx**
- Decision on WRC-31 Agenda
- Establishes WRC-xx Agenda



ASSISTING ON DEMAND



UPDATING



HELPING WITH RELATIONSHIPS

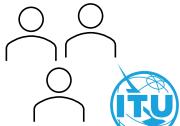
BETWEEN VIENNA AND GENEVA



COPUOS STSC Annual Sessions



Member States working
on STSC agenda items
and groups



Observers
Including
ITU Bureau

UNOOSA



COPUOS Secretariat



ITU-R Study Groups and WRC



Member States and Sector Members
working on WRC agenda items
4-year cycles and ITU-R texts



UNOOSA
Delegation

ITU Radiocommunication Bureau



ITU-R Secretariat

COLLABORATION

- Cooperation and collaboration with UNOOSA and COPUOS Members are crucial to **ensure coherent UN action on Dark and Quiet Skies**
- ITU-R experts actively contribute to **UNOOSA programmes and COPUOS sessions**
- ITU Studies for WRC-27 must conclude by October 2026
- **Contributions to ITU-R Working Party 7D remain essential**



**UNOOSA
COPUOS**



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