World Radiocommunication Conference

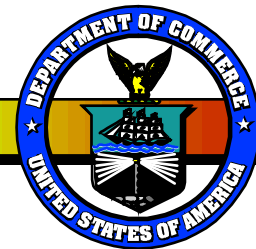## International and U.S. Preparatory Processes

Charles Glass

CGlass@ntia.doc.gov

U.S. Department of Commerce

National Telecommunication and Information Administration

Introduction

World Radiocommunication Conferences

- International Forum for world agreement
- Review and revise the Radio Regulations
- Held every 4 years
- Operates by consensus, voting on occasion
- Sets the world stage for future technological development
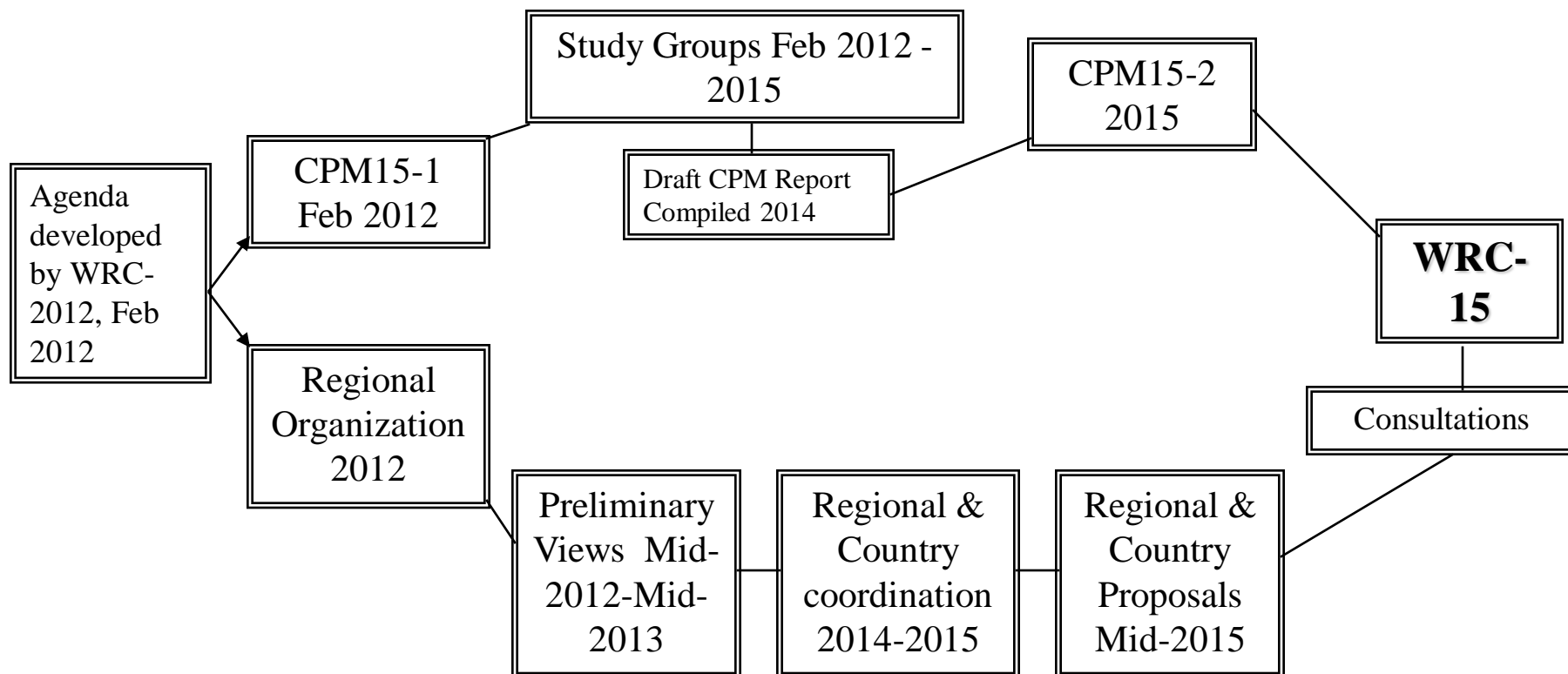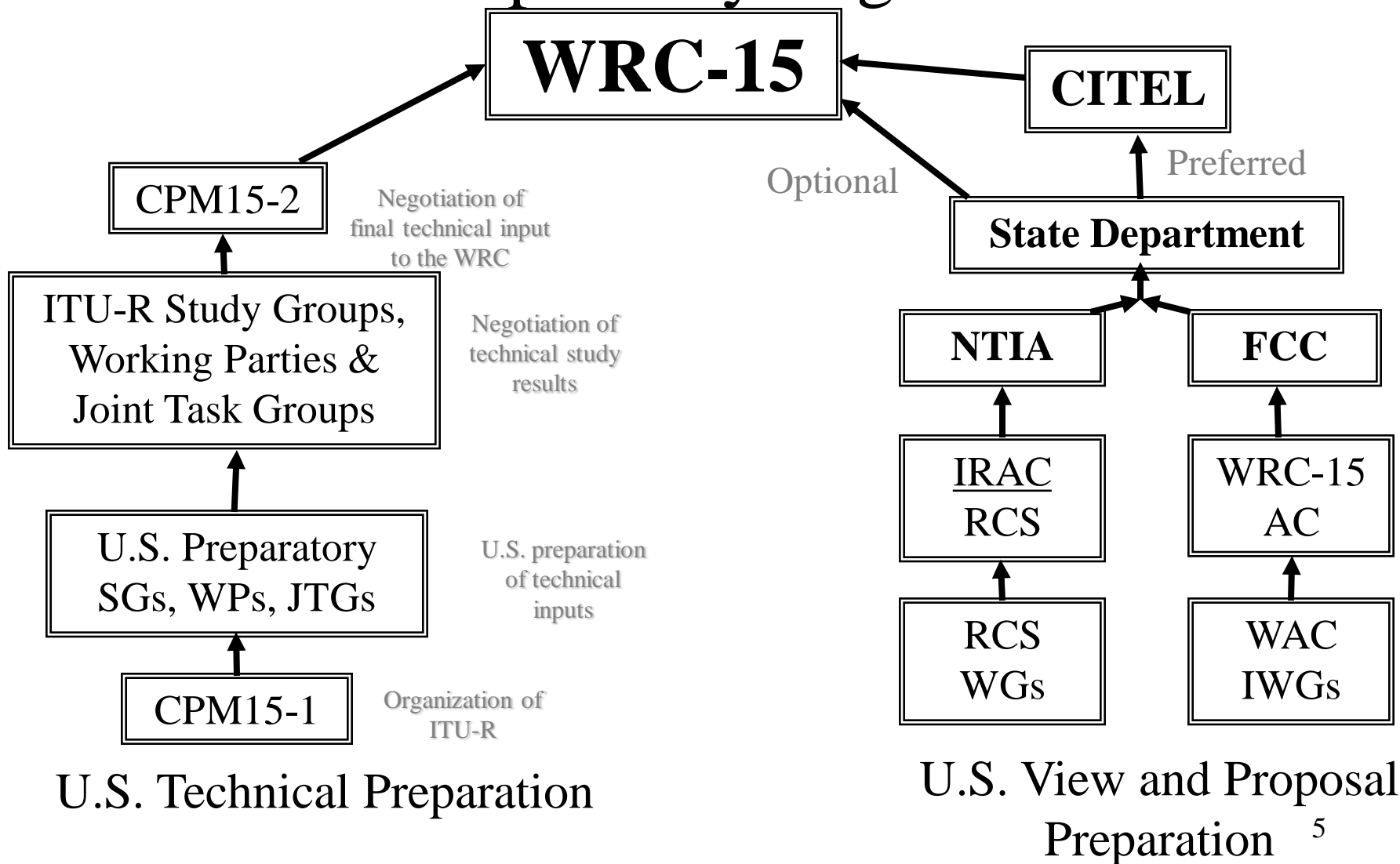- Greater emphasis on consolidated regional positions and proposals

Opening of WRC-07

International Preparatory Process

Technical Preparations

Study Groups Feb 2012 - 2015

CPM15-2 2015

Agenda developed by WRC-2012, Feb 2012

CPM15-1 Feb 2012

Draft CPM Report Compiled 2014

WRC-15

Regional Organization 2012

Consultations

Preliminary Views Mid-2012-Mid-2013

Regional & Country coordination 2014-2015

Regional & Country Proposals Mid-2015

Proposal Preparations

4

U.S. Preparatory Organization

WRC-15

CITEL

CPM15-2

Negotiation of final technical input to the WRC

Optional

Preferred

State Department

ITU-R Study Groups, Working Parties & Joint Task Groups

Negotiation of technical study results

NTIA

FCC

IRAC RCS

WRC-15 AC

U.S. Preparatory SGs, WPs, JTGs

U.S. preparation of technical inputs

RCS WGs

WAC IWGs

CPM15-1

Organization of ITU-R

U.S. Technical Preparation

U.S. View and Proposal Preparation

5

Interdepartment Radio Advisory Committee (IRAC)
Radio Conference Subcommittee (RCS)
Working Groups

WG1 – Mobile and Amateur Issues

WG2 – Science Issues

WG3 – Aeronautical, Maritime, Radiolocation Issues

WG4 – Satellite Issues

WG5 – Satellite Regulatory Issues

WG6 – General Issues

Federal Communications Commission (FCC)
WRC Advisory Committee (WAC)

Informal Working Groups (IWG)

IWG-1: Maritime, Aeronautical and Radar Services

IWG-2: Terrestrial Services including those related to High Altitude Platform Stations

IWG-3: Space Services

IWG-4: Regulatory issues

U.S. Preparatory Process

NTIA - Federal Government Agencies

The RCS of the IRAC develops preliminary views and proposals

NTIA forwards views and proposals to the FCC

FCC – non-Federal (Commercial)

The WAC develops preliminary views and proposals

The WAC forwards views and proposals to the FCC

FCC Bureaus analyze & modify proposals and forwards to NTIA

NTIA & FCC coordinate, modify & approve proposals

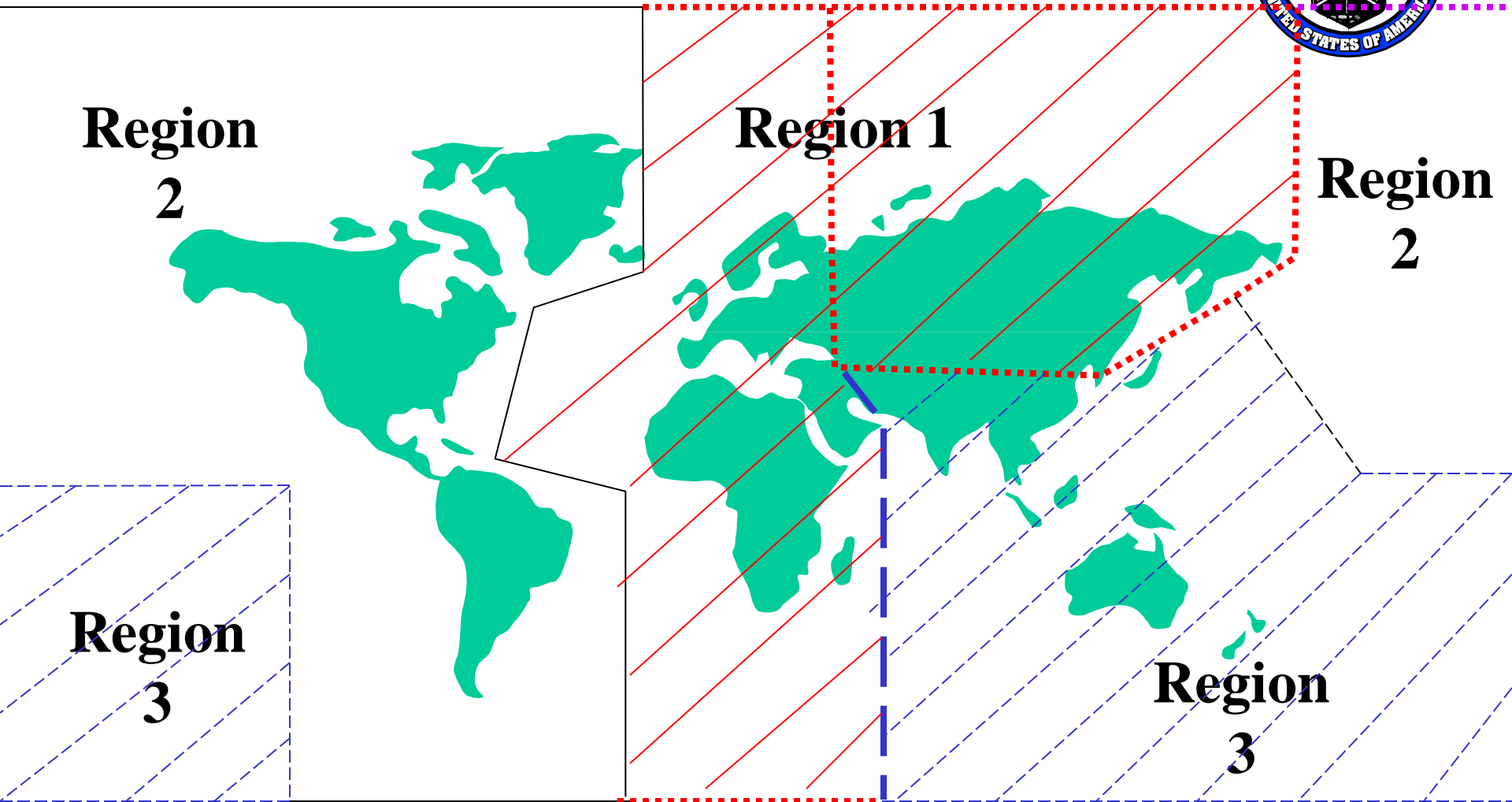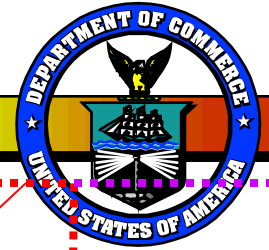**State Department submits proposals to ITU and CITEL**
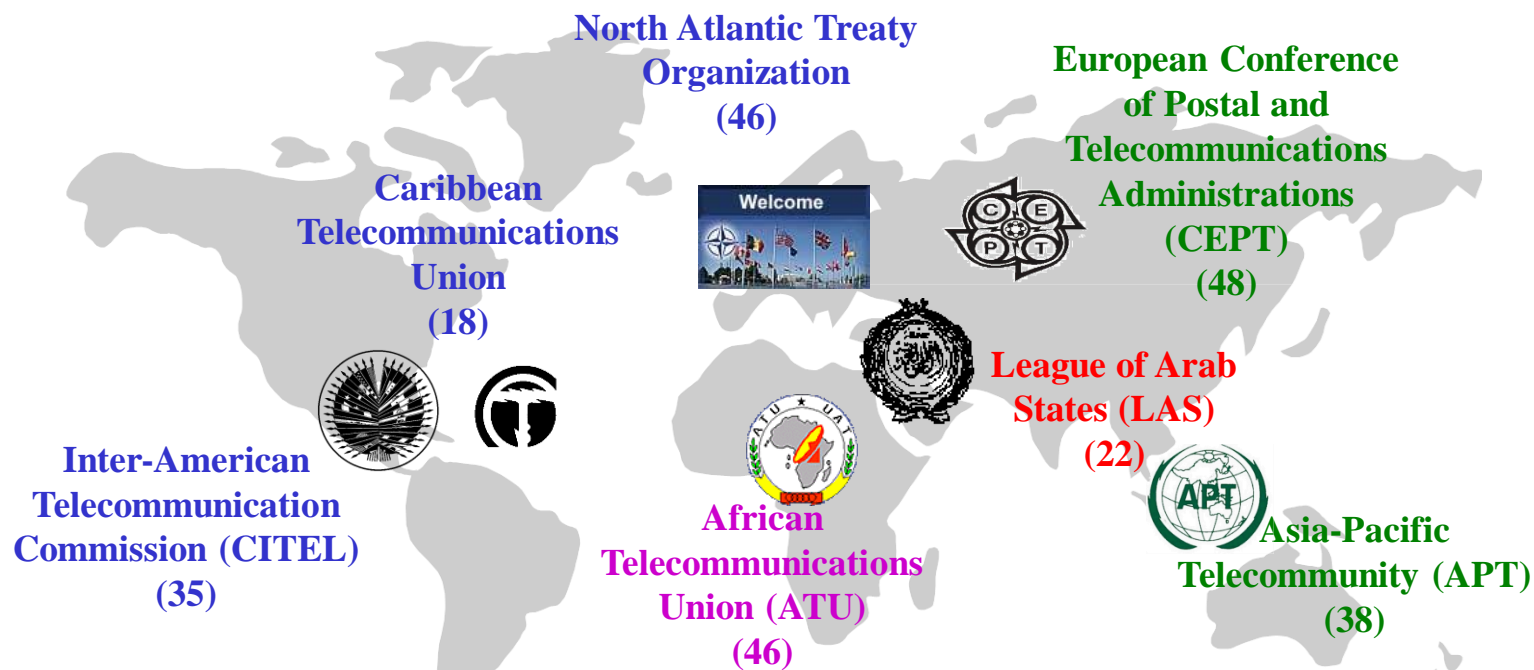
WRC-12 Agenda Items

- **20 + Issues**
  - Mobile/Amateur – Broadband, PPDR, Amateur LF/MF
  - Science – EESS 7 GHz, EESS 9 GHz, SRS 5km, UTC
  - Aeronautical, Maritime, Radiolocation – FSS/UAS, Maritime on-board, AIS, WAIC, Auto 77 GHz
  - Satellite – FSS, FSS Feeder 5 GHz, ESVs, FSS 7 GHz, MMSS 7 GHz, MSS/IMT 22 GHz
  - Satellite Reg– AI 5/7, MSS 406 MHz, Coord. arc, Public telecom, FSS meteorology
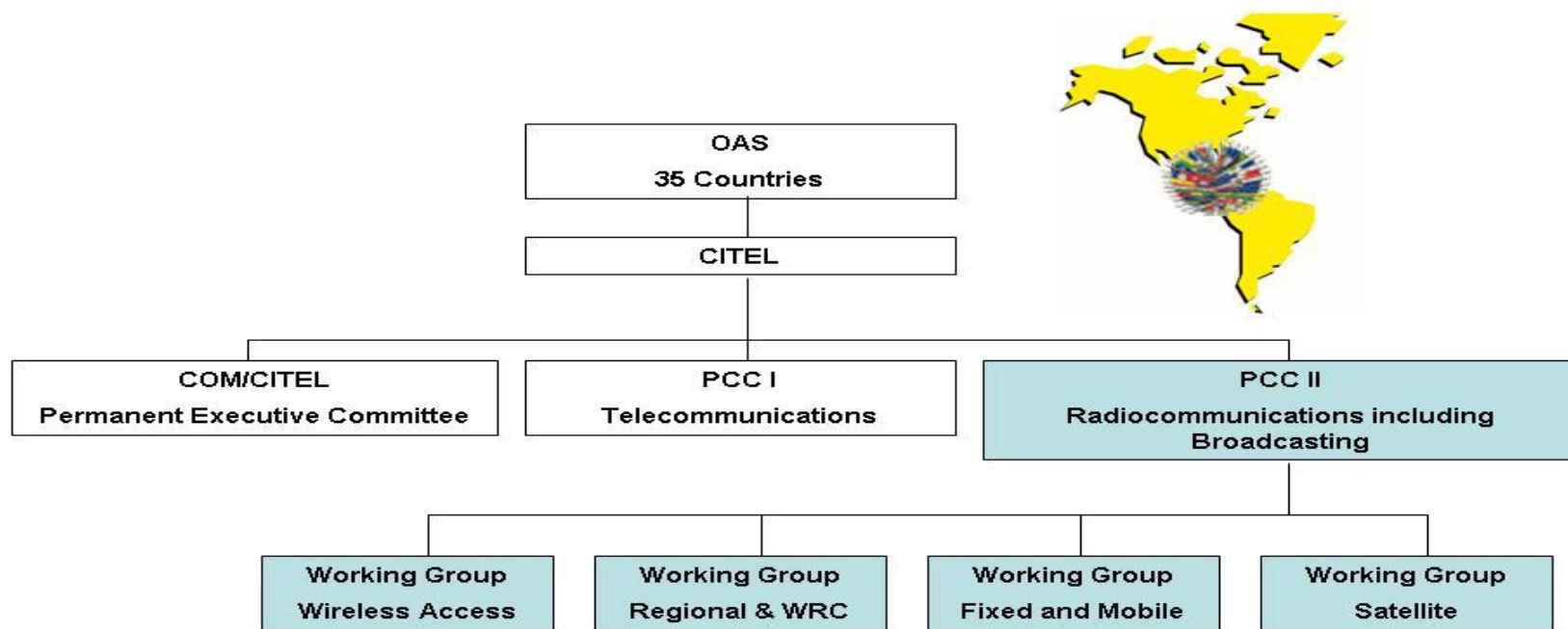 - General – Director's report, Future agenda items

ITU Regions

Region 2

Region 1

Region 2

Region 3

Region 3

Regional Organizations

- Region 1:
  - European Conference of Postal and Telecommunications Administrations (CEPT) www.cept.org
  - Regional Commonwealth in Communications (RCC) www.rcc.org.ru
  - Arab Spectrum Management Group (League of Arab States) www.aspg.org.ae
    - Gulf Cooperation Countries (GCC)
  - African Telecommunications Union (ATU) www.atu-uat.org
  - Southern African Development Community (SADC) www.sadc.int

- Region 2:
  - Inter-American Telecommunications Commission (CITEL) www.citel.oas.org
    - Caribbean Telecommunications Union www.ctu.int

- Region 3:
  - Asia Pacific Telecommunity (APT) www.aptsec.org

INTER-AMERICAN TELECOMMUNICATION COMMISSION (CITEL)

Summary

- **Encourage involvement in WRC preparatory process**
  - Participation in ITU-R Study Group work
  - National & Regional Preparation of CPM Proposals
  - National & Regional Preparation of WRC Proposals
  - Consultations with other administrations

- **Keep up to date on U.S. WRC preparations - visit our websites: www.ntia.doc.gov (click on Spectrum Management and scroll down to International Activities) and www.fcc.gov/ib/**

- **We are just beginning our preparations for WRC-15**