

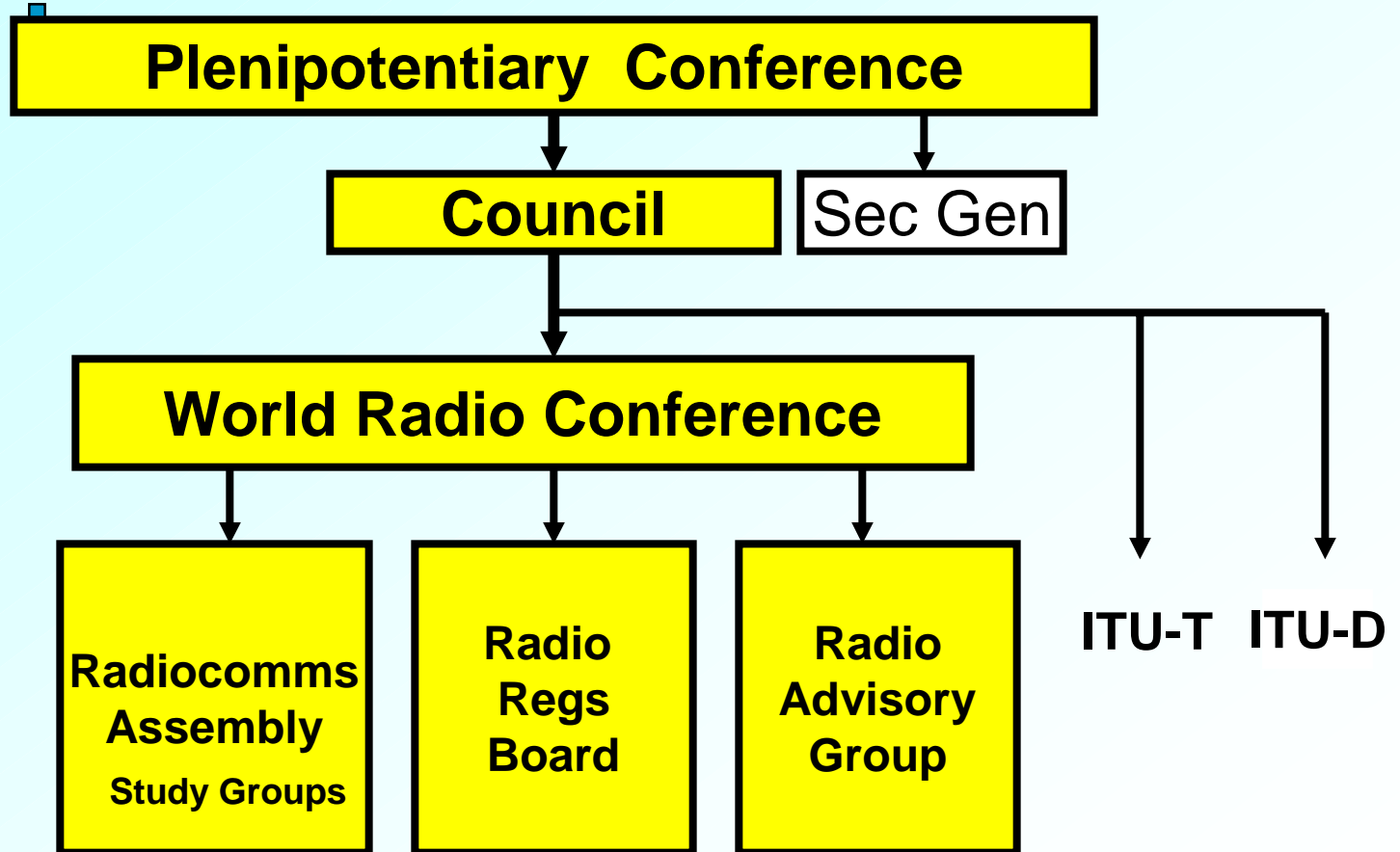
The ITU – Key Facts

- Created in 1906 – ITU Convention in 1932
- Addresses both line and radio matters
- Created UN Specialized Agency in 1947
- Conference in 1947 revised framework
- Further revisions 1989
- ITU-R is sector for radio matters
- Present membership of 187 countries

ITU - Purposes

- Maintain and extend cooperation
- Promote development of technical facilities
- Effect allocation of frequency bands
- Coordinate efforts to eliminate interference
- Facilitate world wide standardization
- Promote measures to ensure safety of life

Structure of the ITU





Had enough yet ?

ITU World Radio Conferences (WRC) :

Purpose and Functioning

- Held every 2/3 years
- Purpose to amend Radio Regulations
- Agenda agreed at previous WRC
- Member States only can make proposals
- ICAO attends as Observer
- Output is a Final Acts with Treaty status



***I know it is not a frequency
but it is much easier to find***

The Radio Regulations

- Treaty status – Definitive regulatory doc
- Amended only at World Radio Conference
- Defines all radio services
- Table of Allocations is main core
- Also 30 Appendices for tech material
- Difficulties with inflexibility

Table of Frequency Allocations

MHz

108-117.975

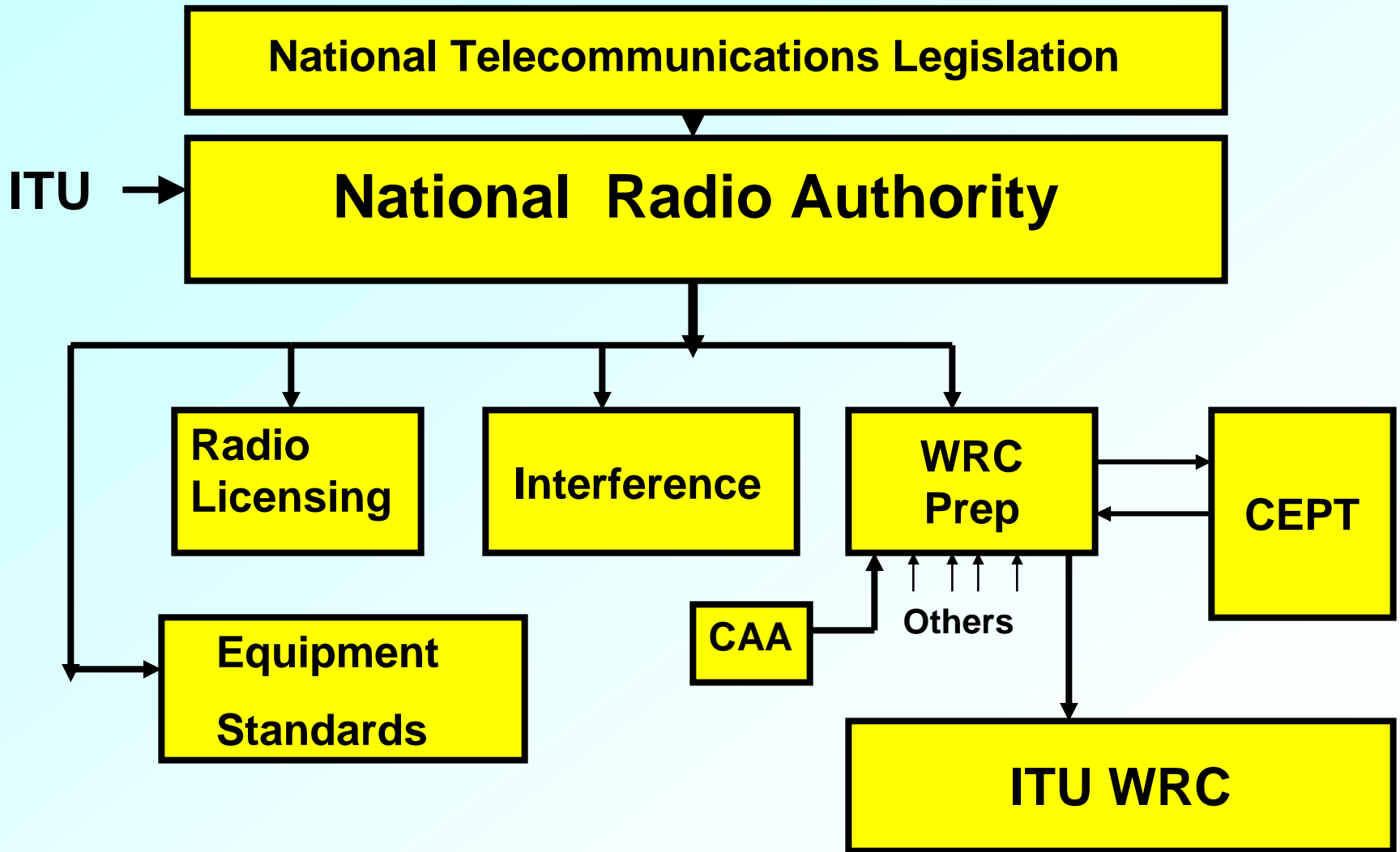
Allocations to Services		
Region 1	Region 2	Region 3
108-117.975 AERONAUTICAL RADIONAVIGATION S5.197		

S5.197 Additional allocation : In Japan, Pakistan and Syria, the band 108-117.975 MHz is also Allocated to the mobile service on a secondary basis, subject to agreement obtained under S9.21 In order to ensure that harmful interference is not caused to stations of the aeronautical radionavigation, stations of the mobile service shall not be introduced in the band until it is no longer Required for the aeronautical radionavigation service by any administration which may be identified In the application of the procedures invoked under S9.21.

Rights & Obligations of Countries

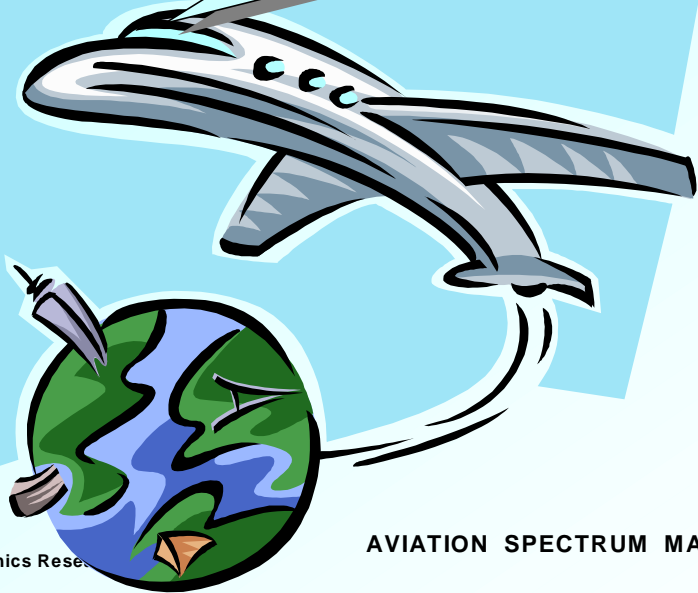
- Right to use any frequency for any purpose
- Right to propose and vote at WRC
- Obligation not to cause interference
- Obligation to conform with the RRs
- Obligation to clear interference
- Obligation to regulate mobile stations when outside home territory

Role of National Radio Authorities



Captain to First Officer

Before we land at New York can you check that ITU has approved their Tower and Approach frequencies



Atlas Avionics Rese

AVIATION SPECTRUM MANAGEMENT

Slide Mod