



NTIA Spectrum Activities Overview

National Spectrum Management Association

“Spectrum 2018”

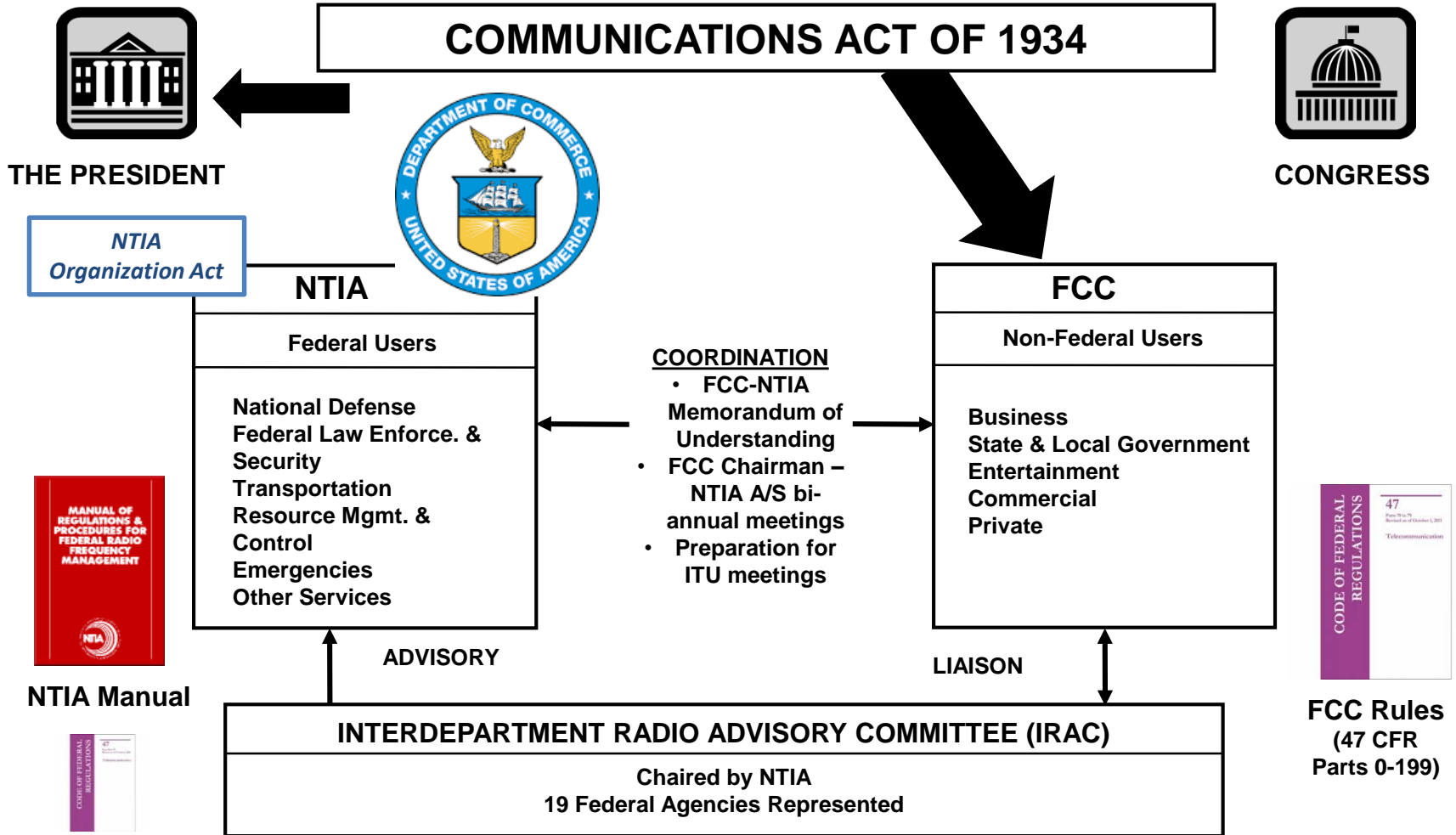
May 15, 2018

Peter Tenhula
Deputy Associate Administrator
Office of Spectrum Management, NTIA
Chair, Interdepartment Radio Advisory Committee

Outline

- Overview of National Spectrum Policy/Management Framework
- The Interdepartment Radio Advisory Committee (IRAC)
- Hot Topics @:
 - IRAC
 - Office of Spectrum Management (OSM)
 - NTIA

National Spectrum Management Framework



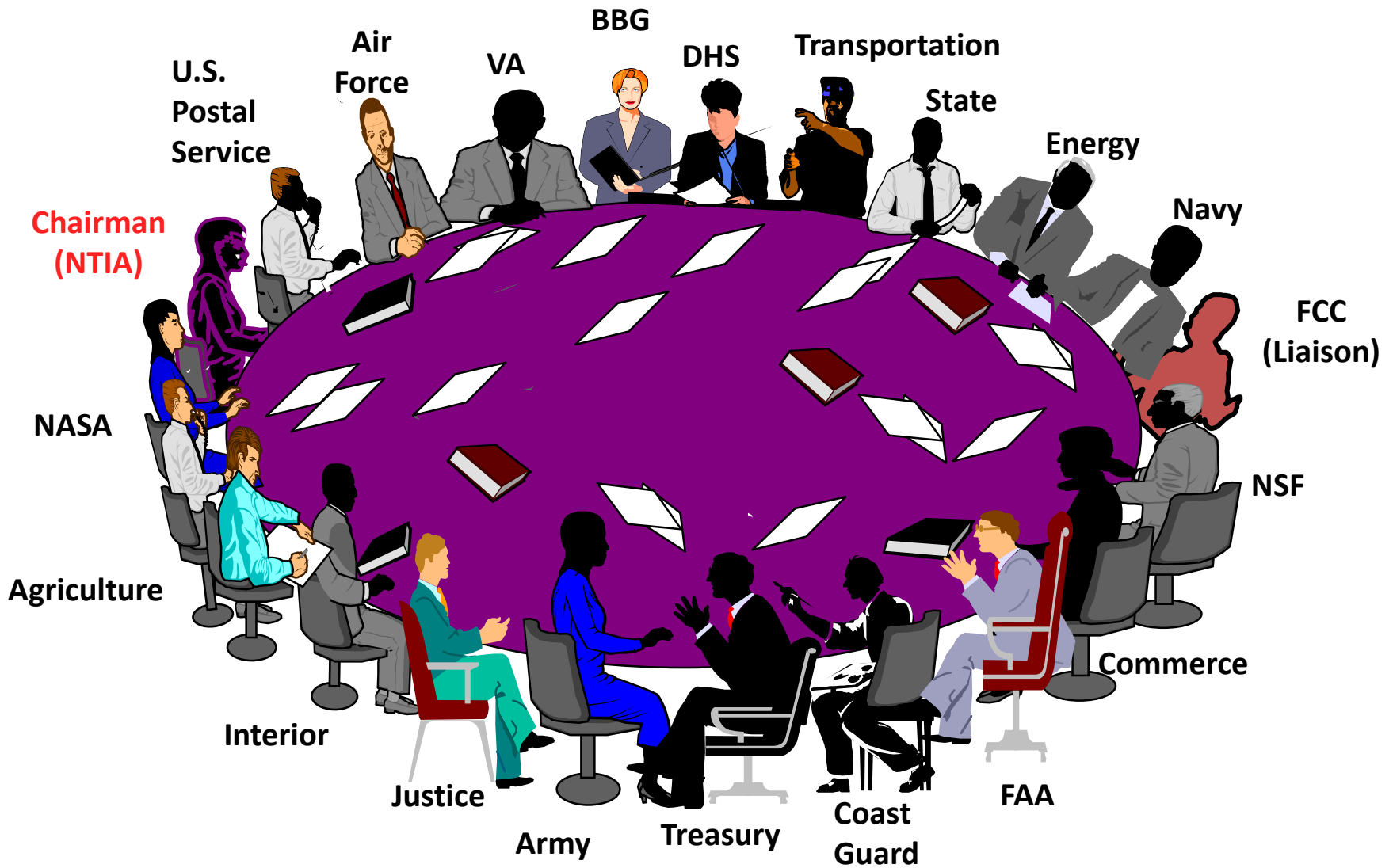
47 CFR Part 300



IRAC History

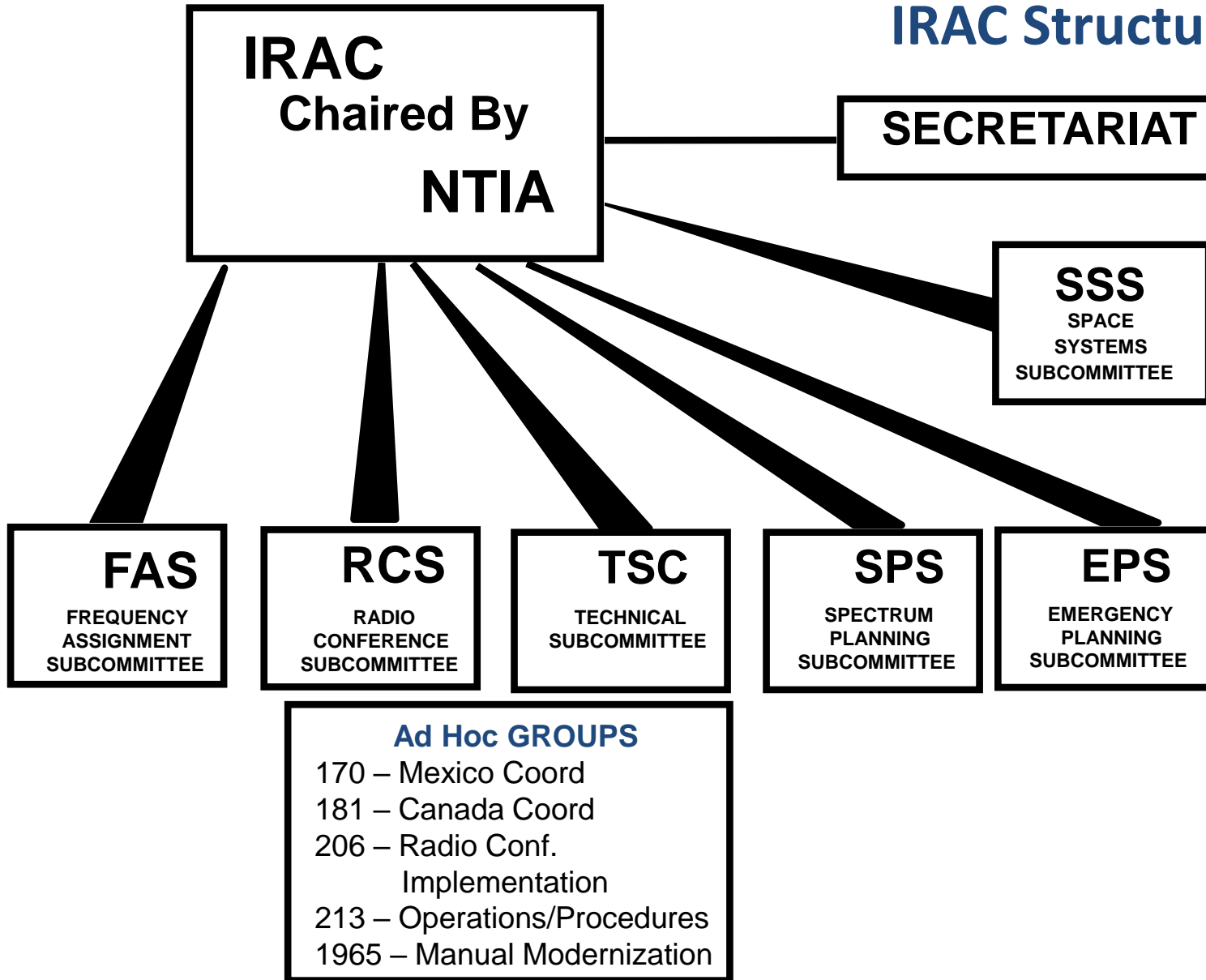
- April 1922: “Interdepartment Advisory Committee on Radio Broadcasting” established by Secretary of Commerce, Herbert Hoover.
- June 1922: First meeting held with original 7 member agencies.
- March 1927: President Coolidge letter to Secretary Hoover affirming IRAC’s role to advise President on making assignments to government stations.
- 1933-1940: IRAC Chaired by FCC.
- Nov. 1935: President F. Roosevelt letter to FCC Chair Prall suggesting IRAC serve as “clearing house” in detailed allocation of specific government frequencies.
- Oct. 1940: FCC/IRAC Memorandum of Understanding (MOU).
- November 1941: first Bylaws adopted, replacing 1923 “rules”.
- Oct. 1952: IRAC “reconstituted”; FCC becomes liaison member.
- Aug. 1965: First Manual of Regulations and Procedures for Frequency Management approved by White House Director of Telecom Mgt.
- May 1978: NTIA Established by President Carter (Executive Order 12046)
- Jan. 2003: NTIA/FCC sign new MOU.
- May 15, 2018: Held 2012th Meeting.

IRAC Members*



* Observers: Defense (DISA), NSA and FDA

IRAC Structure



(Some) Hot Topics @ IRAC

- Unmanned Aircraft Systems (UAS)
 - Spectrum Access
 - Counter-UAS
- Small Satellite Systems
- Experimental Operations
- OMB Circular A-11 Implementation
- NTIA Manual Review and Revisions
- Spectrum Management Fees
- FCC Coordination

Other Hot Topics @ OSM

- FCC Coordination/Collaboration
 - MOBILE NOW Act Implementation
 - Spectrum Frontiers (mmWave/5G)
 - 3.5 GHz SAS and ESC implementation
 - AWS-3 Transition (1695-1710 MHz; 1755-1850 MHz)
- Other Interagency Collaboration
 - Spectrum Pipeline Act Implementation
 - Spectrum Efficiency “Incentives”
 - New administration policy initiatives
 - Space Policy
 - Improved Automation and Process Streamlining
 - Prep for next World Radio Conference (and implementation of the last one)

(Some) Hot Topics @ NTIA

- FirstNet Oversight
- BroadbandUSA
- Cybersecurity and Privacy
- 5G/Internet of Things (IoT)
- Spectrum Policy Symposium
 - June 12th at National Press Club
- International Symposium on Advanced Radio Technologies (ISART)
 - Path Lost: Navigating propagation challenges for ultra-dense wireless systems
 - July 24-26, Bloomfield, CO

Questions?



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