

*Homeland Security
at the FCC*

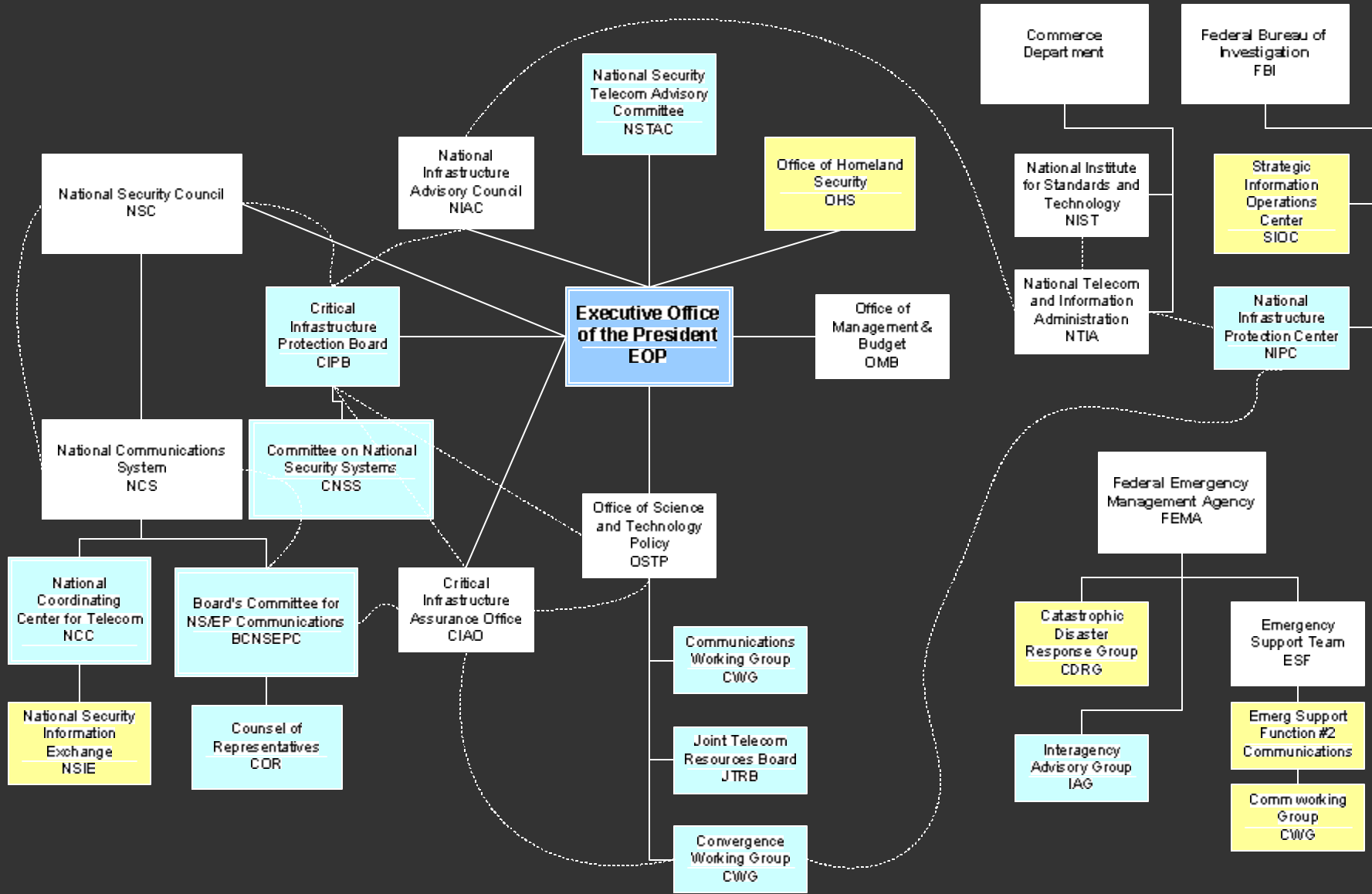
July 10, 2003

FCC's Homeland Security Focus

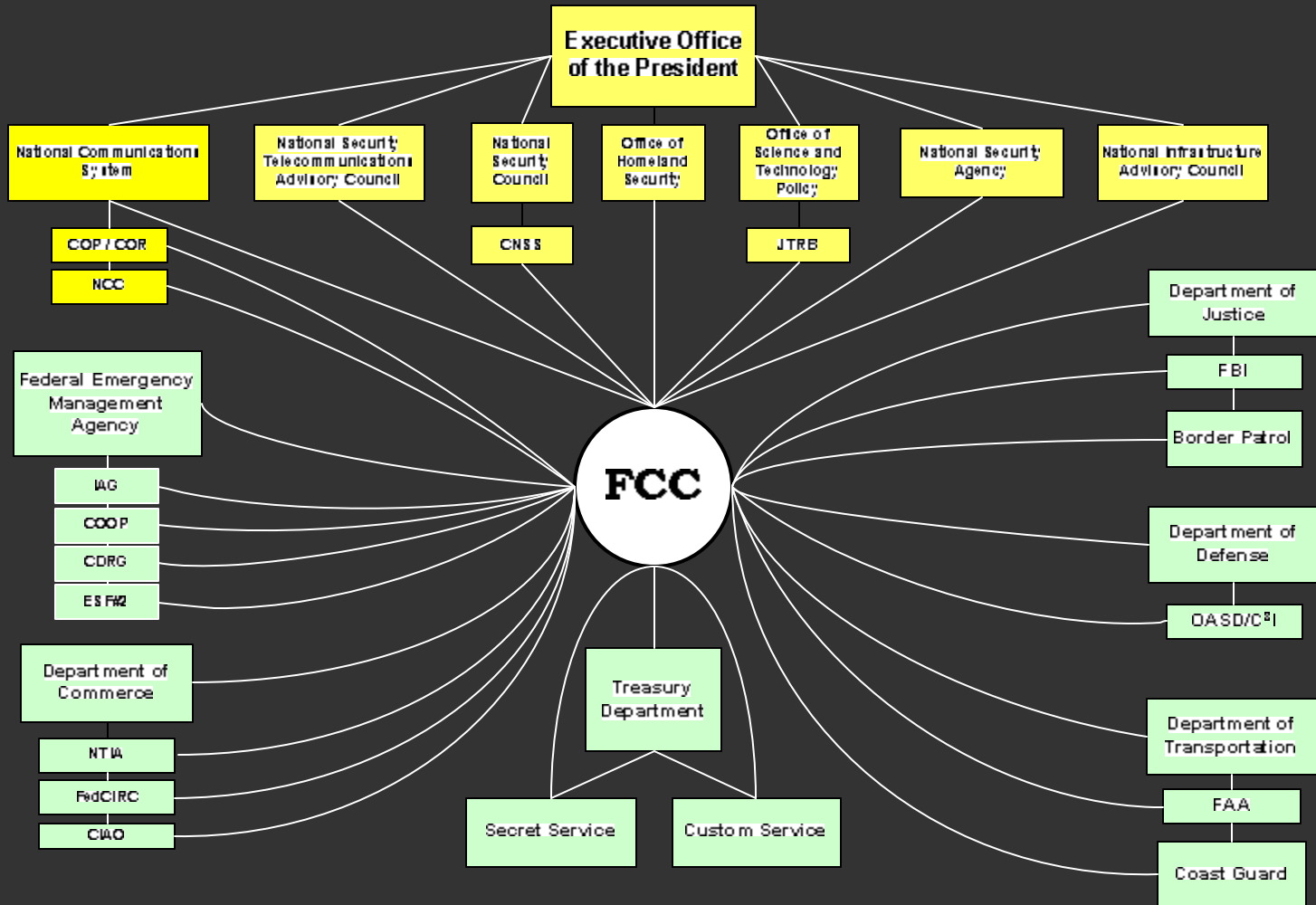
- **Interagency Partnerships**
- **Industry Partnerships**
- **Infrastructure Protection**
- **Communications Reliability**
- **Public Safety Communications**
- **Spectrum Policy**
- **New Technologies**

FCC Inter-Agency Responsibilities

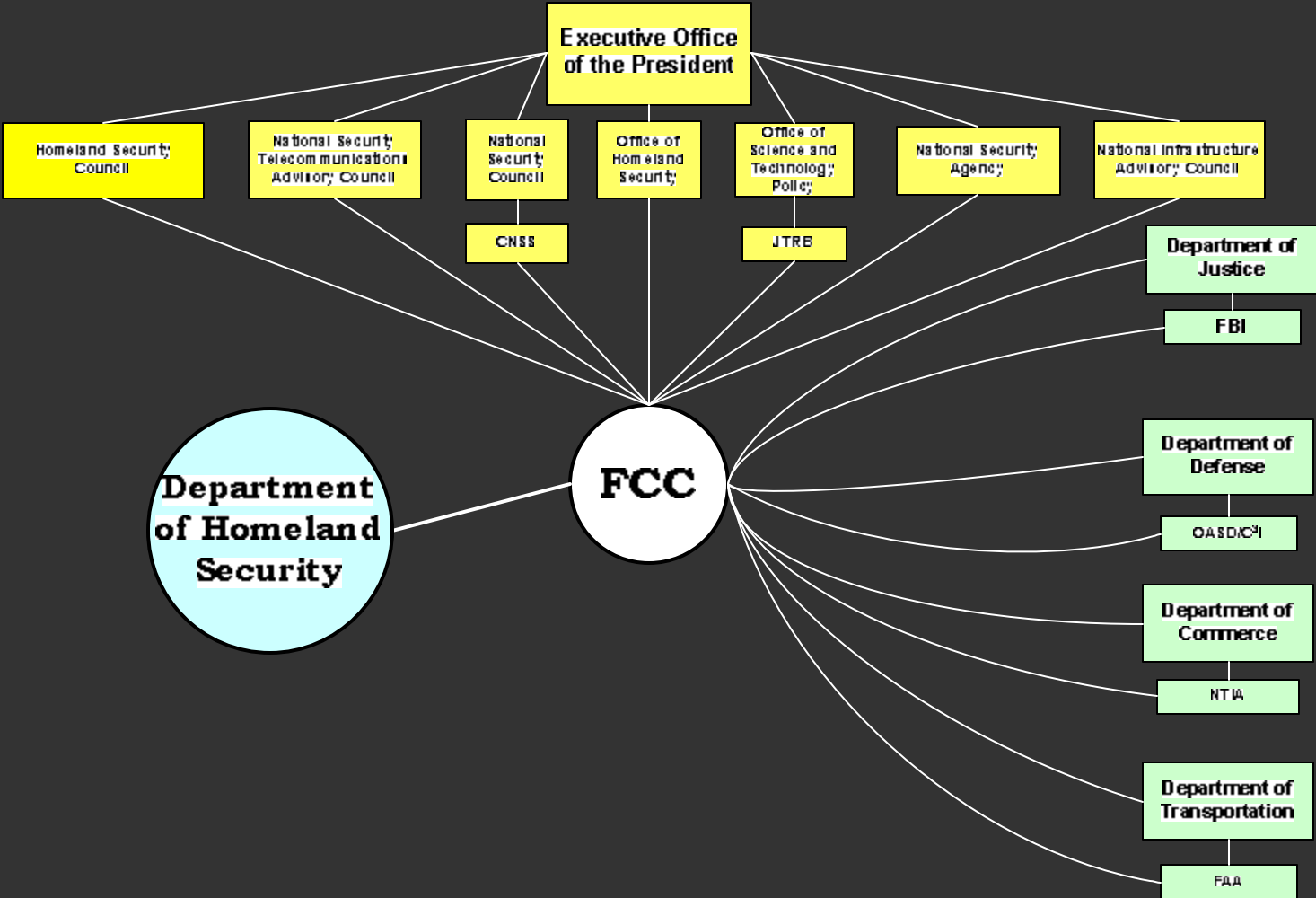
Critical Infrastructure and NS/EP Communications Relationships



Homeland Security Inter-Agency Relationships



Homeland Security Inter-Agency Relationships



Homeland Security Policy Council

HSPC Mission - Assist the Commission in:

- Evaluating and strengthening measures for protecting U.S. communications services
- Ensuring rapid restoration of communications services and facilities that have been disrupted as the result of threats to, or actions against, our Nation's homeland security
- Ensuring that public safety, health and other emergency and defense personnel have effective communications available to them to assist the public as needed
- Fostering the implementation of new technologies that promote Homeland Security

Homeland Security Policy Council



FCC Homeland Security Accomplishments

- Participated in the development of:
 - The National Strategy to Secure Cyberspace
 - The National Strategy for The Physical Protection of Critical Infrastructures and Key Assets
 - A National Strategy for Integrated Public Warning Policy and Capability
 - The National Response Plan

FCC Homeland Security Accomplishments

- Public Safety Communications
 - 800 MHz Interference Proceeding
 - 4.9 GHz spectrum licensing and service Order
 - R&O on low power public safety operations
 - NPRM on Dedicated Short-Range Communications
 - Other initiatives that promote development of first responder interoperability standards

FCC Homeland Security Accomplishments

- Public Safety Communications
 - E911 Coordination Initiative
 - E911 Enforcement Sanctions
 - Facilitated establishment of 911 coordinator in each state

FCC Homeland Security Accomplishments

- International Coordination on Telecommunications and Satellite Security
 - World Radiocommunications Conference
 - International Telecommunications Union
 - United Nations Committee on Peaceful Uses of Outer Space
 - International Maritime Organization

FCC Homeland Security Accomplishments

- Inter-agency Coordination
 - Partnering with DHS on promoting registration in the Telecommunications Service Priority and the Wireless Priority Access Service programs
 - Chairing the DHS / NCS Critical Facilities Working Group

FCC Homeland Security Accomplishments

- Inter-agency Coordination
 - Participating in the inter-agency weapons of mass destruction exercise, TOPOFF 2
 - Working with the NARUC Critical Infrastructure Committee
 - Participating in NTIA's Working Group on Internet Infrastructure Security

FCC Homeland Security Accomplishments

- Chartered or re-chartered Federal Advisory Committees
 - Technical Advisory Committee
 - Public Safety National Coordinating Committee
 - Local and State Government Advisory Committee
 - Network Reliability and Interoperability Council
 - Media Security and Reliability Council

Infrastructure Protection

- FCC rechartered our Network Reliability and Interoperability Council (NRIC VI) federal advisory committee in January 2002 to focus on homeland security issues. (www.nric.org)
- FCC created a new Media Security and Reliability Council (MSRC) federal advisory committee in March 2002 to address broadcast, cable and satellite homeland security issues. (www.mediasecurity.org)

Network Reliability and Interoperability Council

Assure homeland security, optimal reliability, interoperability, and interconnectivity of, and accessibility to, the public telecommunications networks

NRIC Best Practices

- **Network Security**

New Technology

Access Control

Personnel Security

Design & Construction

Inventory Management

Auditing and Surveillance

- **Cyber Security**

Cyber Technology

Authentication and Access
Control

Incident Management

Public Communications
Networks

NRIC Best Practices

- **Public Safety**

Priority Access – TSP & WPAS

911 Access and Overflow

Network Restoration Planning

Network Diversity and Reliability

Media Security and Reliability Council Objectives

- Ensure the security and sustainability of broadcast and multichannel video programming distribution facilities.
- Ensure the availability of adequate transmission capability during natural disasters or man-made attacks.
- Facilitate the rapid restoration of broadcast and MVPD services in the event of significant disruptions.

MSRC Best Practices

- **Public Communications and Safety Recommendations**
 - Public / private partnerships to achieve effective emergency communications
 - State and Local government coordination with media on delivery of emergency communications
 - Periodic testing and review of the Emergency Alert System
 - Research alternate emergency communications systems

MSRC Best Practices

- **Communications Infrastructure Security, Access and Restoration Recommendations.**
 - National media vulnerability assessments
 - Flexibility in local use and retransmission during emergencies
 - Local media vulnerability assessments
 - Government coordination of a Media Common Alert Protocol.

FCC Homeland Security Action Plan

- Partner with Department of Homeland Security to promote implementation of NRIC and MSRC best practices in the U.S.
- Survey telecommunications industry implementation of NRIC best practices.
- Promote NRIC and MSRC best practices internationally.

FCC Homeland Security Action Plan

- Develop a service restoration MOU with New York City and promote it to other metropolitan areas.
- Double the current participation in the Telecommunications Service Priority program by state and local 911 centers.
- Assist tribal entities in developing a critical communications infrastructure protection plan.

FCC Homeland Security Action Plan

- Promote implementation of the Chairman's E911 Coordination Initiative.
- Consider a Report and Order addressing public safety interference in the 800 MHz band.
- Consider Report and Order on Cognitive Radio Technologies.

FCC Homeland Security Action Plan

- Consider Report and Order in the Rural Health Care Streamlining proceeding.
- Convene a stakeholders summit to address communications issues that confront individuals with disabilities during national emergencies.

FCC Homeland Security Action Plan

- In coordination with DHS Consider a Notice of Inquiry to address the MSRC Emergency Alert System (EAS) recommendations.
- Working with the FBI, review CALEA compliance by telecommunications carriers.

Conclusion

The FCC is just one component of a complex network of public and private partnerships dedicated to improving the security and reliability of our Nation's telecommunications infrastructure.

FCC's Homeland Security Action Plan Objectives

- Strengthen measures for protecting the nations communications infrastructure and facilitate rapid services restoration after disruption
- Promote access to effective communications services by public safety, public health and other emergency personnel
- Enhance the Commission's emergency response capabilities