

Interagency Remote Sensing Coordination Cell

Office of Intelligence and Analysis

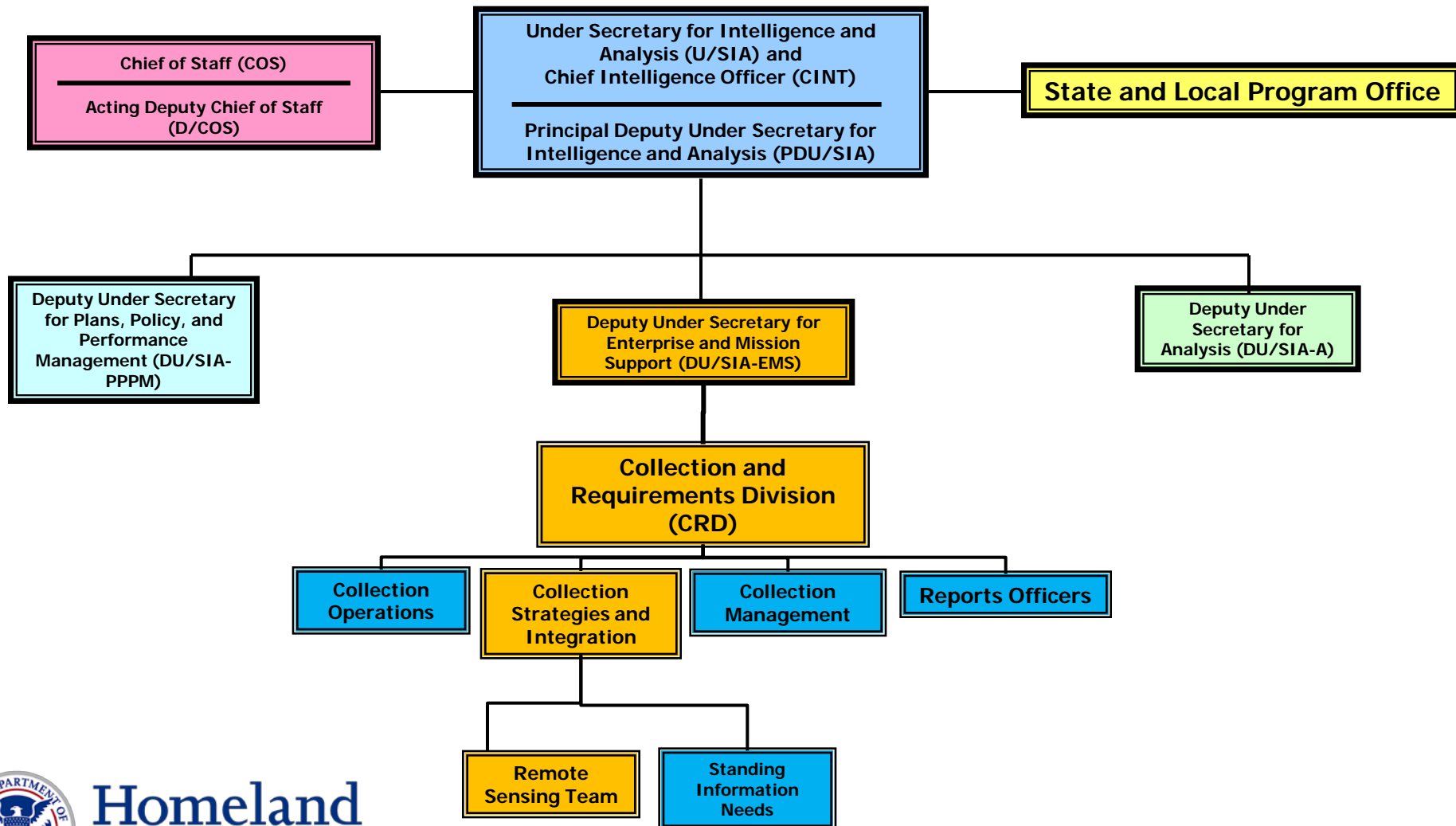


15JUL2011

(U) Purpose

- Provide an overview of the organization, operations, and procedures of the Interagency Remote Sensing Coordination Cell (IRSCC)

(U) Office of Intelligence and Analysis (I&A) Organization Chart



(U) Interagency Remote Sensing Coordination Cell (IRSCC)

- ▶ (U) Coordinate, synchronize, collaborate, and track remote sensing data acquisition activities and capabilities
- ▶ (U) Ensure information needs of first responders, state emergency managers, and Federal are established and addressed;
- ▶ (U) Establish an environment to facilitate awareness and share remote sensing data; and
- ▶ (U) Improve the governance of Federal remote sensing operations by minimizing duplication of effort, unnecessary tasking, and by reducing operational costs



(U) The IRSCC operational activities:

- ▶ (U) Hurricanes: 2008 Gustav, Hannah, and Ike; 2010 Earl
- ▶ (U) Fires: 2008 and 2009 California
- ▶ (U) Floods: 2008, 2009, 2010, 2011 Midwest and Southeast flooding and severe weather
- ▶ (U) Earthquakes: Haiti 2010, Japan 2011
- ▶ (U) Tsunami: American Samoa 2009, HI and West Coast 2011
- ▶ (U) National Special Security Events: 2009 Presidential Inauguration, 2010 Nuclear Security Summit, 2010 State of the Union Address, 2011 Superbowl, 2011 State of the Union Address
- ▶ (U) Spills of National Significance: Deepwater Horizon 2010

(U) IRSCC Members

- ▶ (U) Agencies with homeland security authorities
- ▶ (U) Agencies with tasking and collection authorities
- ▶ (U) Agencies with collection management resources and authorities
- ▶ (U) Agencies that own airborne and space-based platforms and sensors
- ▶ (U) Agencies with data storage facilities
- ▶ (U) Agencies that provide Geospatial Information System (GIS) and imagery analysis resources
- ▶ (U) Agencies with dissemination capabilities

Federal Emergency Management Agency
Office of Operations Coordination and Planning
Office Intelligence & Analysis
Customs & Border Protection
U.S. Coast Guard
Geospatial Management Office
National Protection and Program Directorate
 U.S. Geological Survey
 National Aeronautics & Space Administration
 U.S. Department of Agriculture
 National Oceanic & Atmospheric Administration
 Environmental Protection Agency
 U.S. Northern Command
 National Guard Bureau
 U.S. Army Corps of Engineers
 National Geospatial-Intelligence Agency
 National Reconnaissance Office
 Civil Air Patrol

Agencies in italics = DHS agencies

(U) Authorities, Policy, and Doctrine

- ▶ Homeland Security Act 2002 (U)
- ▶ Homeland Security Presidential Directive 5 (U)
- ▶ Homeland Security Presidential Directive 7 (U)
- ▶ Executive Order 12333 (U)
- ▶ Intelligence, Surveillance, and Reconnaissance Executive Agent Memorandum (U)
- ▶ National Response Framework (U)
- ▶ National Incident Management System (NIMS) (U)
- ▶ National Integrated Planning System (U)
- ▶ IRSCC Charter, Concept of Operations, and Standard Operating Procedures (U//FOUO)
- ▶ Joint Publication 2-0, Joint Intelligence (U)
- ▶ Chairman Joint Chiefs of Staff Manual 3314.01, Intelligence Planning (U//FOUO)
- ▶ Air Force Instruction 13-1AOC, Operational Procedures—Air and Space Operations Center, Intelligence, Surveillance, and Reconnaissance Division (U)
- ▶ US Central Command, Joint Collection Management Board Concept of Operations (S)

(U) Key Principles for IRSCC Operations

- ▶ (U) No single department or agency has the ability to collect and analyze information for every type of event
 - (U) IRSCC operations are about taking disparate capabilities and authorities and integrating them to achieve a common purpose
- ▶ (U) No single department or agency has the sole authority to execute
 - (U) All of the IRSCC members have authorities specified in law – the IRSCC leverages their authorities
- ▶ (U) The command structure varies by event
 - (U) FEMA employs a Joint Field Office in response and recovery operations
 - (U) U.S. Coast Guard employs a Unified Area Command
- ▶ (U) Event-specific lead agency
 - (U) Varies on law, policy, and emergency support function

(U) IRSCC Collection Management

► (U) Collection requirements management

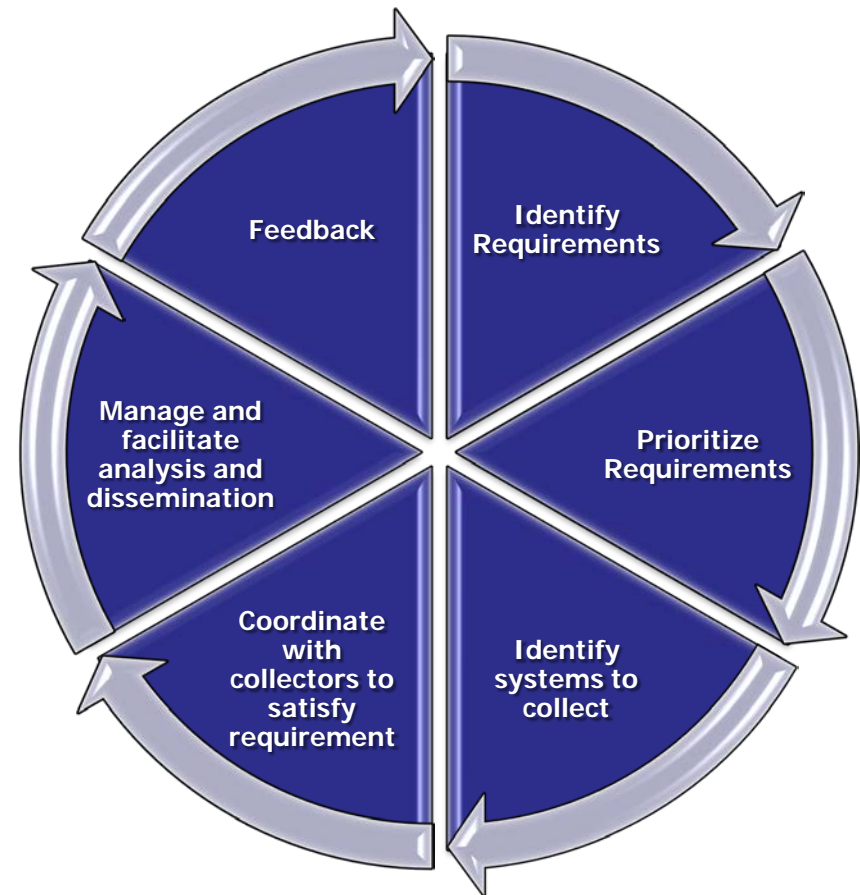
- (U) Defining systems to employ to collect information required

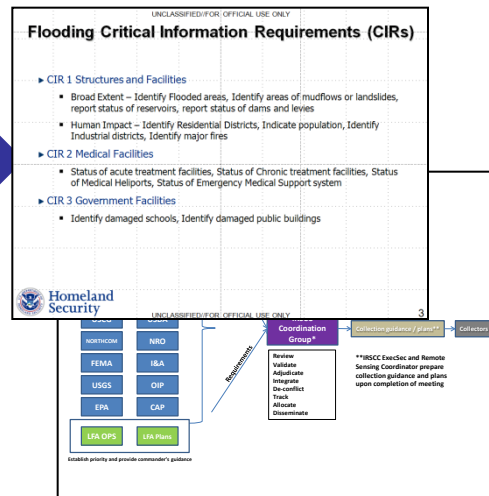
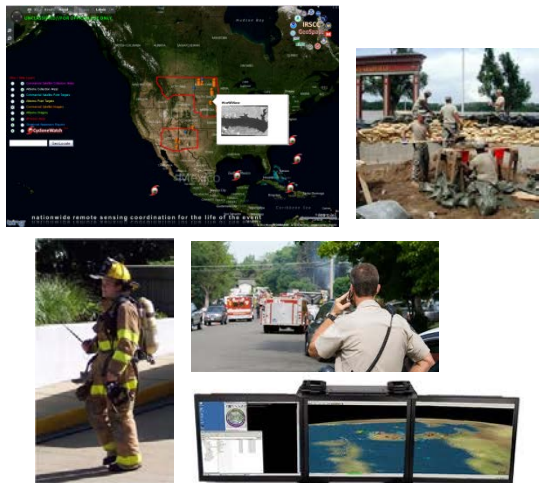
► (U) Collection operations management

- (U) Collecting, or satisfying, information required

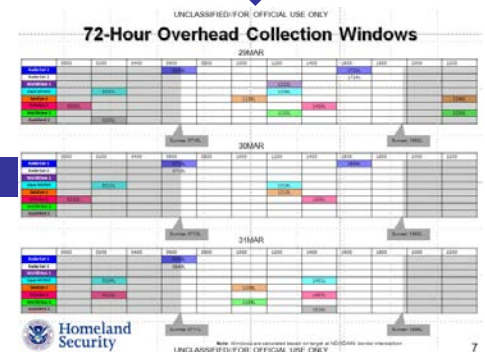
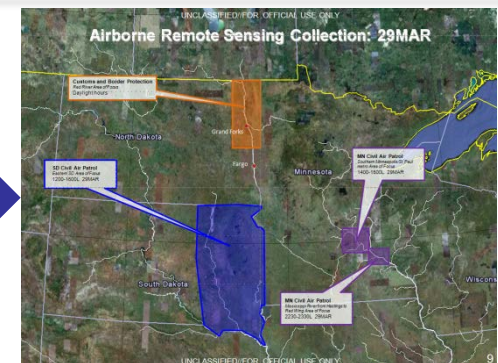
► (U) Processing, Exploitation, and Dissemination (PED) management

- (U) Defining the systems and architectures to down-link collected information
- (U) Facilitating analysis of information collected
- (U) Defining and ensuring how information is disseminated





(U) 24hr operational/planning cycle: Translating plans to requirements, to collection to support operations, planning, and situational awareness



(U) IRSCC Operations (cont'd)

► (U) Remote Sensing Operational Plans

- (U) Documents IRSCC members responsibility to execute collection operations
- (U) Documents standard procedures for accessing collection
- (U) Provides guidance for submitting Requests for Information

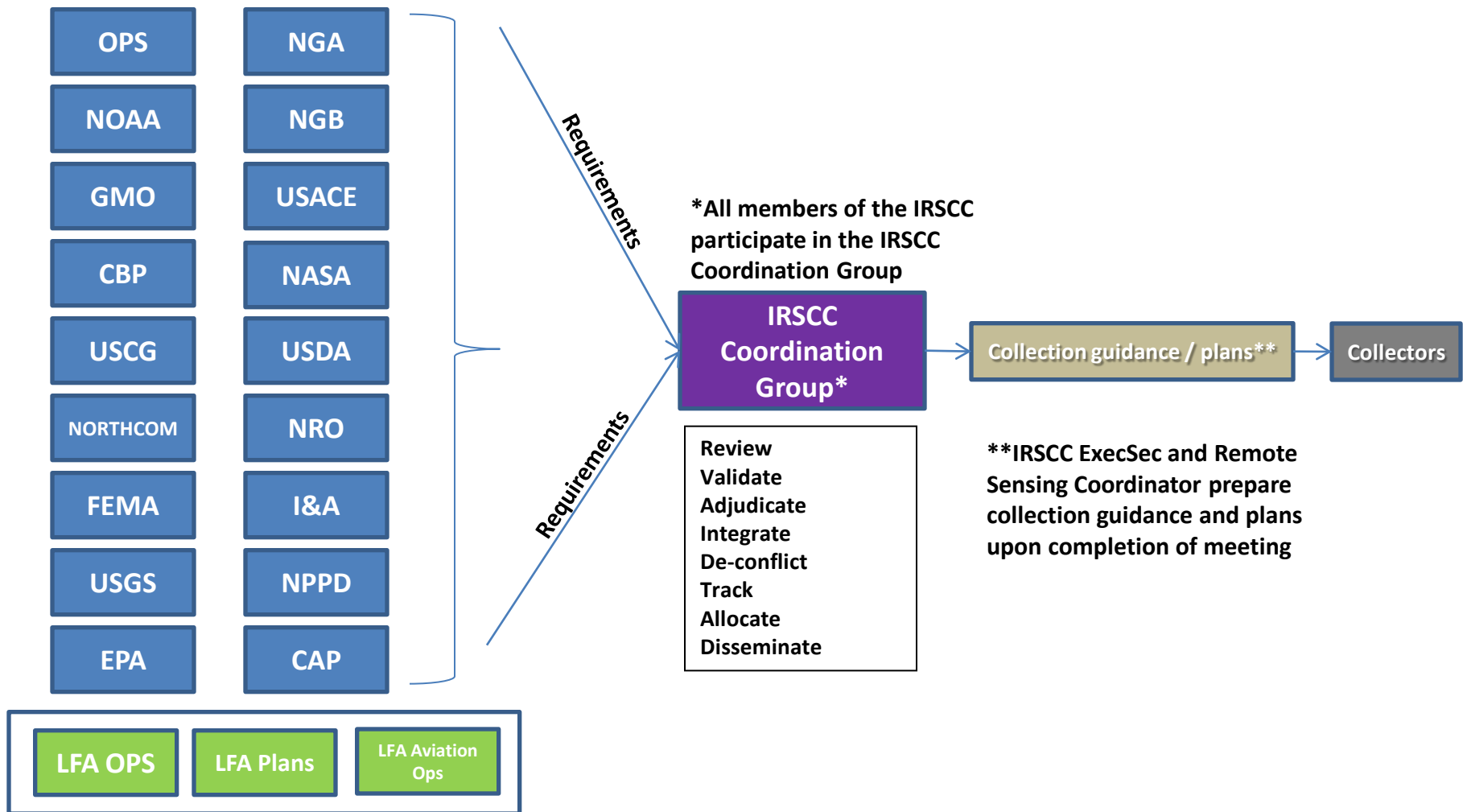
► (U) Situational Awareness Briefings

- (U) Strategic view of active collection resources
- (U) Enables information sharing at the unclassified level
- (U) Identifies collection plans

► (U) On-Site and Headquarters support

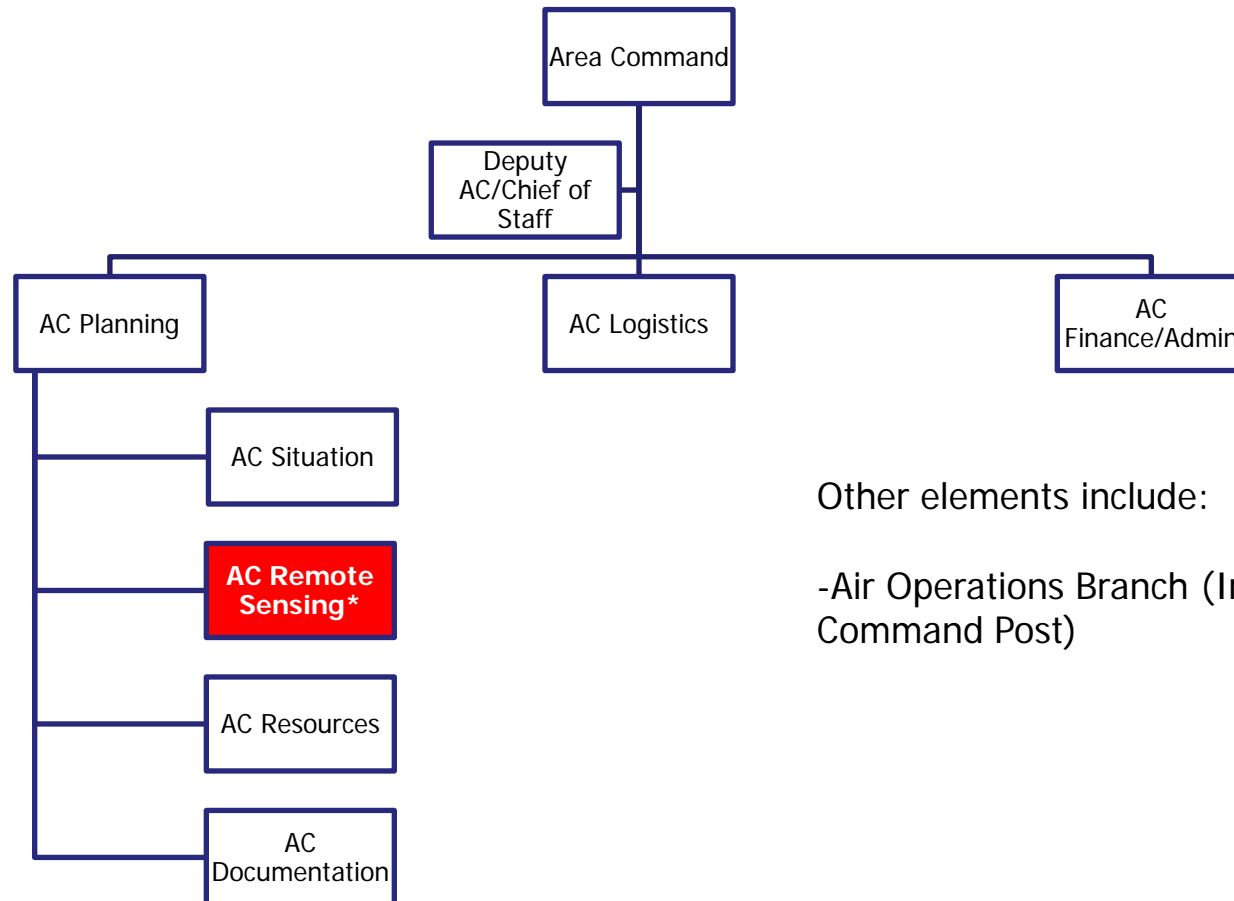
- (U) Forward deployed liaisons
- (U) Remote Sensing Operations (collection management, RFI management, remote sensing advice)
- (U) Processing, Exploitation, and Dissemination (PED) Management Support

(U//FOUO) IRSCC Coordination Group



Establish priority and provide commander's guidance

(U) Incident Command System

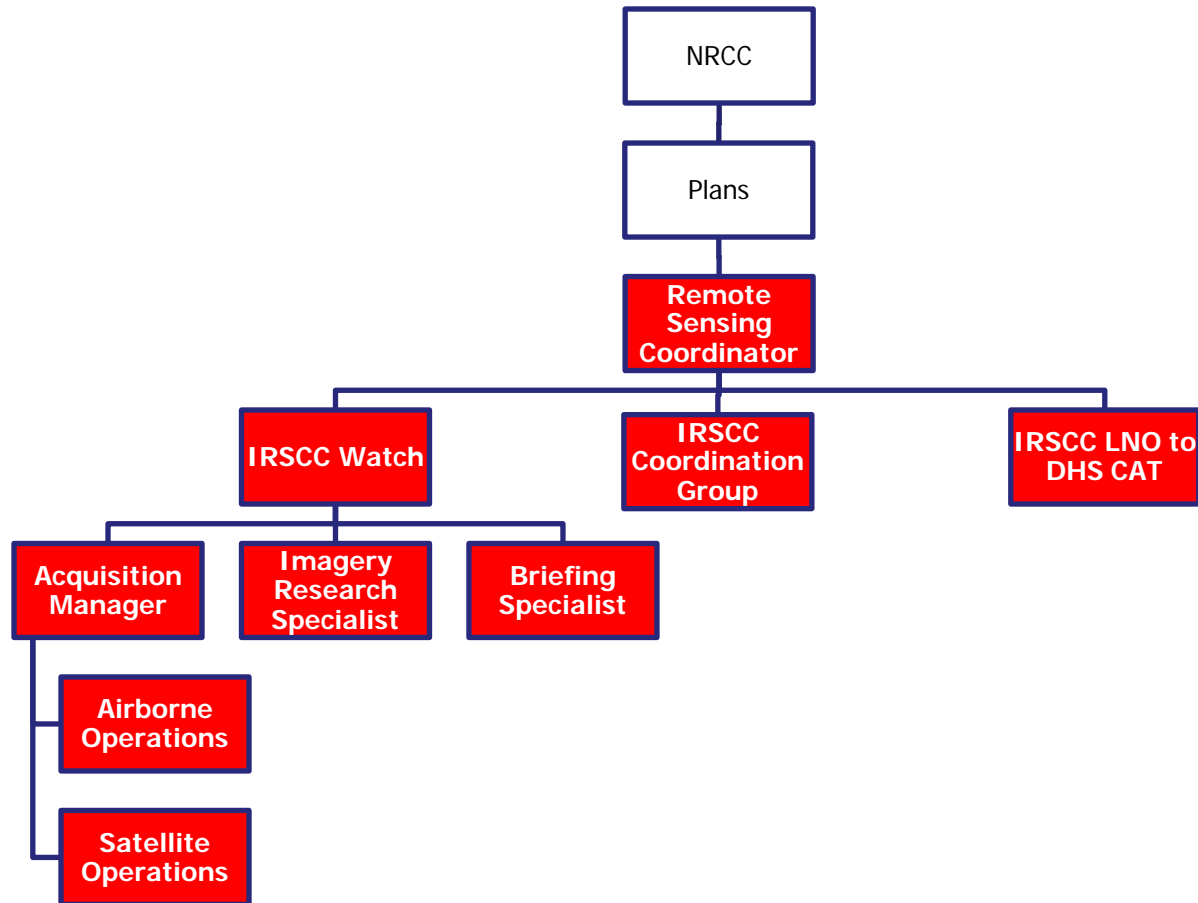


Other elements include:

-Air Operations Branch (Incident Command Post)

*Based on Deepwater Horizon Oil Spill

(U) When in support of FEMA...



Interagency Remote Sensing Coordination Cell

Announcements

Open source reports added to GeoSpace !new 6/20/2011 9:42 AM
by Byron Cody
DHS Open Source Enterprise, DHS FEMA National Operations Center desk, and DHS National Situation Reports are now being geotagged and added to GeoSpace on a daily basis, providing situational awareness on nation-wide events of interest. HSIN IRSCC users...
[Add new announcement](#)

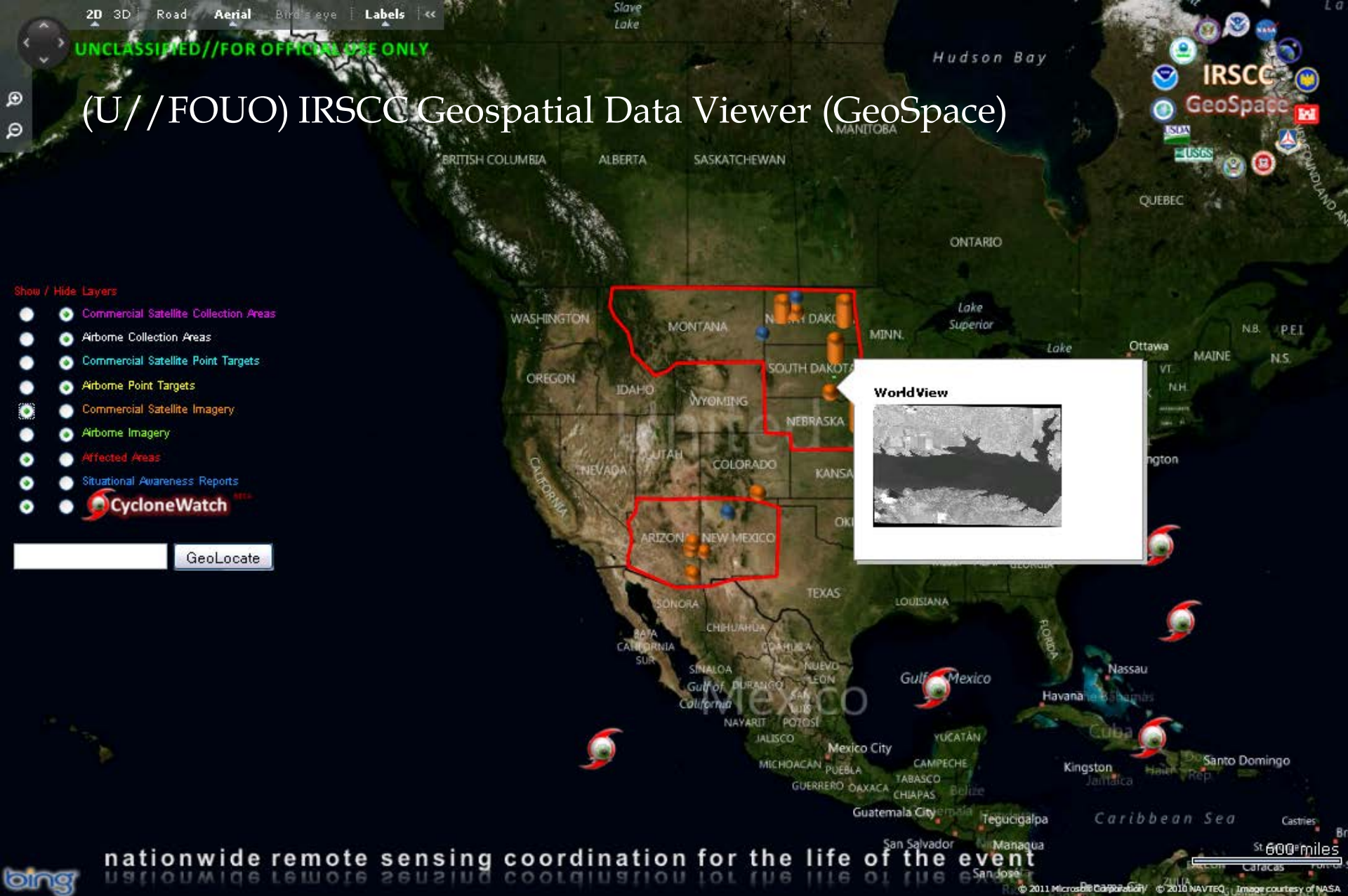
Documents of Interest		
Type	Name	Modified By
	IRSCC Contacts	Byron Cody
	Joplin Missouri Tornado	Matthew Long
	National Level Exercise 2011	Matthew Long
	2011 SE Region Severe Weather	Matthew Long
	Lower Midwest Flooding Spring 2011	Byron Cody
	DHS Daily Open Source Infrastructure Report	Matthew Long
	FEMA Daily Operations Brief	Matthew Long
	FEMA National Situation Reports	Matthew Long
	Daily Situation Brief	Byron Cody
	Spring 2011 Northern Plains Flooding	Byron Cody
	Google Earth Keyhole Markup Files	Byron Cody
	Oil Spills	Mark Lauver1
	March 2011 Japan Earthquake and Related Events	Byron Cody
Add new document		

Links	
	All Partners Access Network
	UN-SPIDER Knowledge Portal
	GeoEye EyeQ
	National Weather Service Pacific Tsunami Warning Center
	National Geospatial-Intelligence Agency Web-based Access and Retrieval Portal (WARP)
	United States Geological Survey Hazards Data Distribution Service
	GEOINT Online



<https://government.hsin.gov/sites/EmergencyManagement/IRSCC/default.aspx>

To request access send an email to: IRSCC-ExecSec@hq.dhs.gov



- Access to Civil Air Patrol, NOAA, commercial satellite images, as well as any other available imagery
- Collection areas, areas/ points of interest, open source situational awareness reports
- Updated daily or when new imagery becomes available; accessible to anyone with a HSIN IRSCC account

Sample Imagery - Morganza Spillway, LA



Homeland
Security

Civil Air Patrol

Sample Imagery - Burlington Dam, NDs



Homeland
Security

Customs and Border Protection



Homeland Security