Data Sharing Agreements and Federal Data Mandates

Data is Key

• “Situational Awareness and Common Operating Picture (SA/COP) support the Communications and Information Management component of the National Incident Management System (NIMS)”

• “Individuals and organizations at all levels of response have a responsibility to both contribute to and use reliable information as a part of incident response efforts.”

(FEMA E0948 SA/COP Training)
Data Sharing Plan Concept

- Data is the foundation of any effective COP
- DSP documents all cooperatively collected and processed data
- Defines what, when and where data will be made available
- Cooperatively developed by RP, Feds, States & signed by Unified Command

Data Sharing Plan

- Began as DWH Command briefing delivery target for data collectors
- Has been implemented in recent spills and practiced in many drills
- Cooperative development is key
What the Data Sharing Plan Ensures

- Cooperation between all data providers
- Data partners all have access to the same data
- Standard formats & approaches: Interoperability
- Continuity of information
- Data retention during and after the response

Data Sharing Plan in ICS

- Part of the ICS Documentation Plan
- Not about data ownership, ownership is not transferred, but data are shared
- Everyone gets copies of original, environmental, and operational data

“Need to DVR the data on a daily basis”
Federal Data Management Policies

- **National Contingency Plan** The National Oil and Hazardous Substances Pollution Contingency Plan, is the federal government's blueprint for responding to both oil spills and hazardous substance releases.

- **Freedom of Information Act (FOIA)** Ensures the public the right to request access to records from any federal agency.

- **Federal Records Act** - The act and its related regulations define Federal records, mandate the creation and preservation of those records necessary to document Federal activities, establish Government ownership of records, and provide the exclusive legal procedures for the disposition of records.
Federal Data Management Policies

- Open Data Policy – Managing Information as an Asset: OMB Executive Order (M-13-13)
- Memorandum requires agencies to collect or create information in a way that supports downstream information processing and dissemination activities.

- NOAA Administrative Order (NAO) 212-15, Management of Environmental Data and Information
- This policy provides high-level direction that guides procedures, decisions, and actions regarding environmental data and information management throughout NOAA.
Federal Data Management Policies

• **NOAA Data Documentation Procedural Directive** - This procedural directive states that NOAA’s environmental data and information must be carefully documented using international metadata standards.

• **NOAA Data Management Planning Procedural Directive** - Expands upon this requirement for Data Management Plans (DMPs), direct managers of all data production projects and systems.

Federal Data Management Policies

• **NOAA Data Sharing Policy for Grants, Cooperative Agreements and Contracts Procedural** - Designed to ensure that environmental data funded extramurally by NOAA are made publicly accessible in a timely fashion (typically within two years of collection), and that final manuscripts of peer-reviewed research papers are deposited with the Central Library.

• **NOAA Procedure for Scientific Records Appraisal and Archive Approval** - This document defines the procedure by which NOAA decides what scientific records (environmental and geospatial data) are preserved in a NOAA archive.
Questions?

Common Operating Platform
Data Management and Sharing Plan
Sector NOLA PREP Drill 2015

Purpose:
Information and data generated as a result of the response, mitigation efforts, or other similar activities (the “response”) related to the Sector NOLA PREP Drill 2015 (the “incident”), are used in support of the Unified Command’s Critical Information Requirements (CIRs). This Data Management and Sharing Plan (the “Plan”) is meant to ensure continuity of information across the various CIRs and facilitate sharing amongst the response personnel during the incident. Furthermore, this plan will set the foundation for access to information and archive of data.

Implementation of this plan will:
- Reduce compartmentalization of information within ICS units and sections
- Ensure all parties understand responsibilities, methods, and resources available
- Maintain information continuity over time regardless of personnel changes
- Provide the basis for periodic review, evaluation, and updating of procedures
- Ensure the proper archival of data for post-incident evaluation and analysis

What is covered under this Plan:
This plan includes all data related to documentation, geographic information, reports, EOS data, photography, video, remote sensing, response sampling, response databases, and corresponding metadata as detailed in accompanying appendices.

The incident-related information and data that may be excluded under the scope of this plan are:
1. Proprietary, confidential, privileged or non-incident-related information or data.
2. Licensed, aerial, or cultural resources as determined by data provider.
3. Information developed for the sole purpose of the Natural Resource Damage Assessment (NRDA).

The overarching objective of this plan is to facilitate availability of information to all parties involved in the response. The Documentation Unit and Situation Unit were integral to the development of this plan and the establishment of daily documentation and sharing procedures.
### Dataset Description

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<tr>
<th>Dataset</th>
<th>Data Type &amp; Format</th>
<th>Description</th>
<th>Temporal Coverage</th>
<th>Delivery Schedule</th>
<th>Use Restrictions</th>
<th>Method of Field Collection</th>
<th>Field Collector &amp; POC</th>
<th>Data Processor &amp; POC</th>
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* For any data to be released to the public, it must be approved and released by Unified Command.