

UNCLASSIFIED

U.S. Coast Guard

LCDR Adriana Gaenzle

CG-MER

September 14, 2022



NOSDRA

NATIONAL SPILL DETECTION AND RESPONSE AGENCY



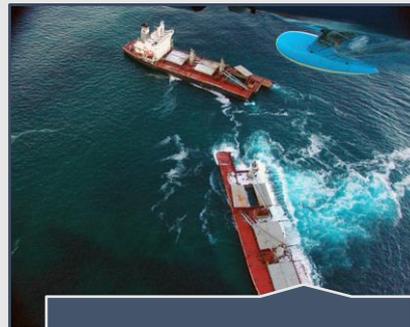
UNCLASSIFIED Agenda



General Policy
Overview



Preparedness



Response



Questions



NOSDRA

NATIONAL SPILL DETECTION AND RESPONSE AGENCY



UNCLASSIFIED

General Policy Overview



Clean Water Act

Primary federal statute protecting navigable waters

33USC1251



Comprehensive Environmental Response Compensation and Liability Act

Oil Pollution Act

Amended Clean Water Act after Exxon Valdez in 1990

42USC9601

33USC2701



National Contingency Plan



Exxon Valdez from <https://www.theguardian.com/environment/blog/2014/mar/24/Exxon-Valdez-oil-spill-disaster-arctic>

40CFR300



Regional Contingency Plan

- Improve oil pollution preparedness and response:
- Prevention, response, liability and compensation program
 - Increased federal oversight of maritime oil transportation
 - Mandated contingency planning
 - Required a streamlined process and review of plans

40CFR300



Area Contingency Plan

40CFR300



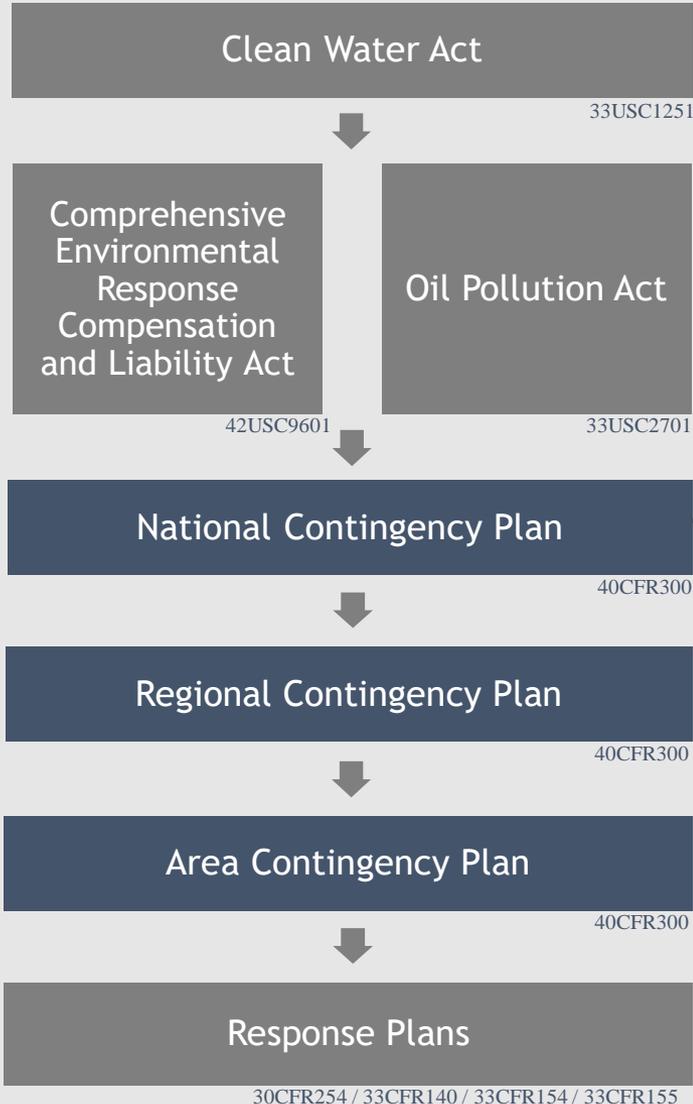
Response Plans

30CFR254 / 33CFR140 / 33CFR154 / 33CFR155



UNCLASSIFIED

General Policy Overview

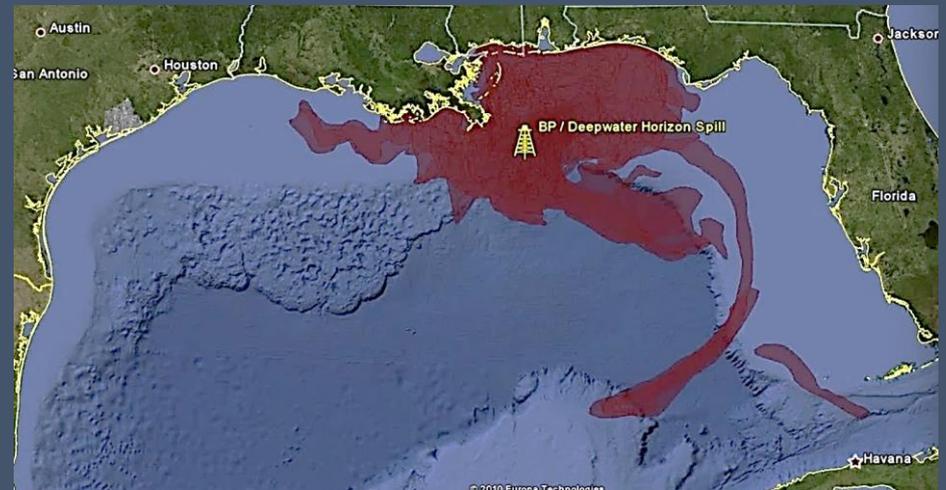


Multi-Agency Government Plans

Federal blueprint for planning, policy, and coordination

Establishes:

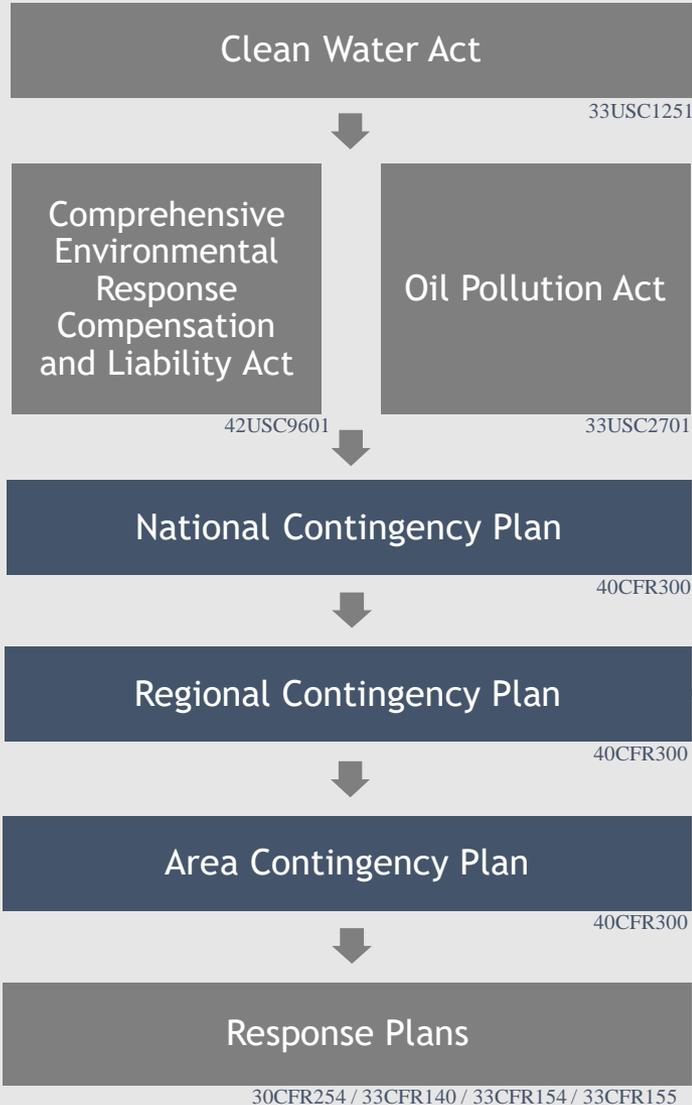
- National priorities for responding to oil spills
- Standardized work-flow from start to finish
- System for reporting, spill containment, and clean up
- Objectives, authority, and the scope of other plans





UNCLASSIFIED

General Policy Overview



Multi-Agency Government Plans

Regional planning and coordination for a geographical region

Establishes:

- Responsibilities for Federal and State agencies
- Guidance for response, planning, training, and coordination
- Guidelines for Area Contingency Plan

National Response Teams, 2022



UNCLASSIFIED

General Policy Overview



Multi-Agency Government Plans

Operational blueprint

Establishes:

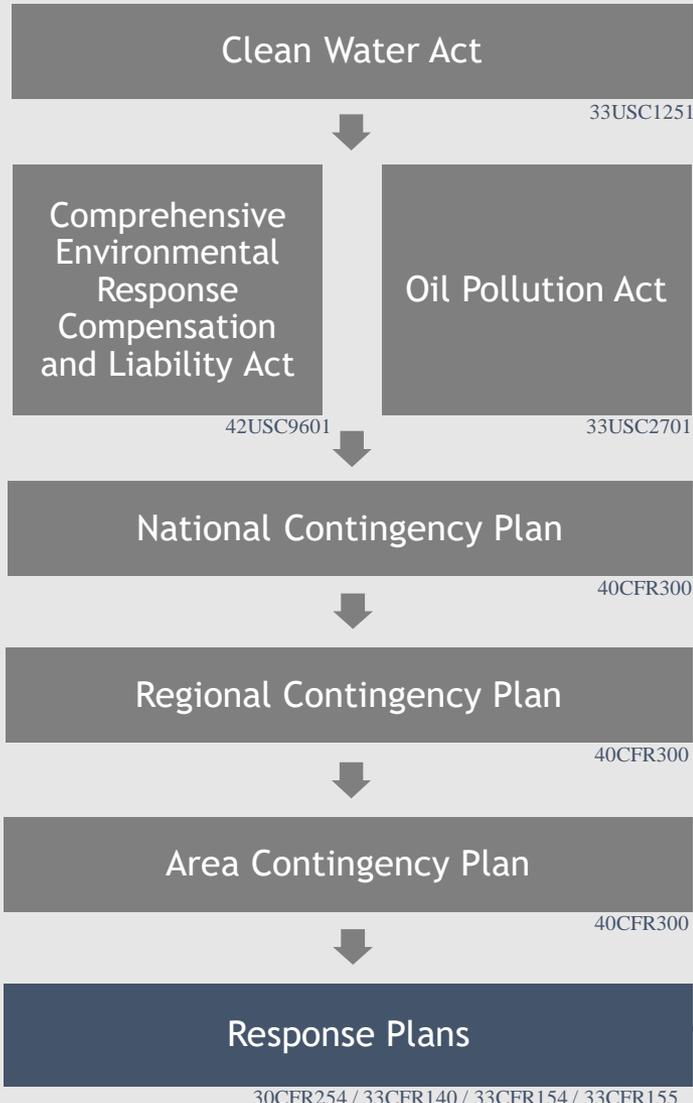
- Specific responsibilities to expedite response
- List of effective equipment
- Procedures for oil spill response
- Contains sensitive environmental plan
- Guidelines for Response Plans

A map of Alaska is shown, divided into 10 numbered regions. The regions are: 1. Southeast, 2. Prince William Sound, 3. Inland, 4. Southeast, 5. Arctic and Western Alaska, 6. Arctic and Western Alaska, 7. Inland, 8. Inland, 9. Inland, 10. Inland. The map is labeled 'ADEC, 2021' and 'Esri, HERE, Garmin, © OpenStreetMap contributors, and the GIS user community'.



UNCLASSIFIED

General Policy Overview



Requirements for Industry

Vessel Response Plans (VRP)

Facility Response Plans (FRP)

Offshore Facility Response Plans



UNCLASSIFIED

General Policy Overview

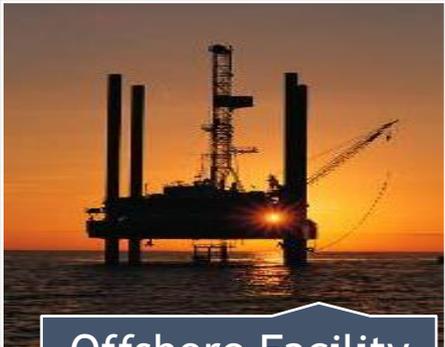


Plans consider

Prevention

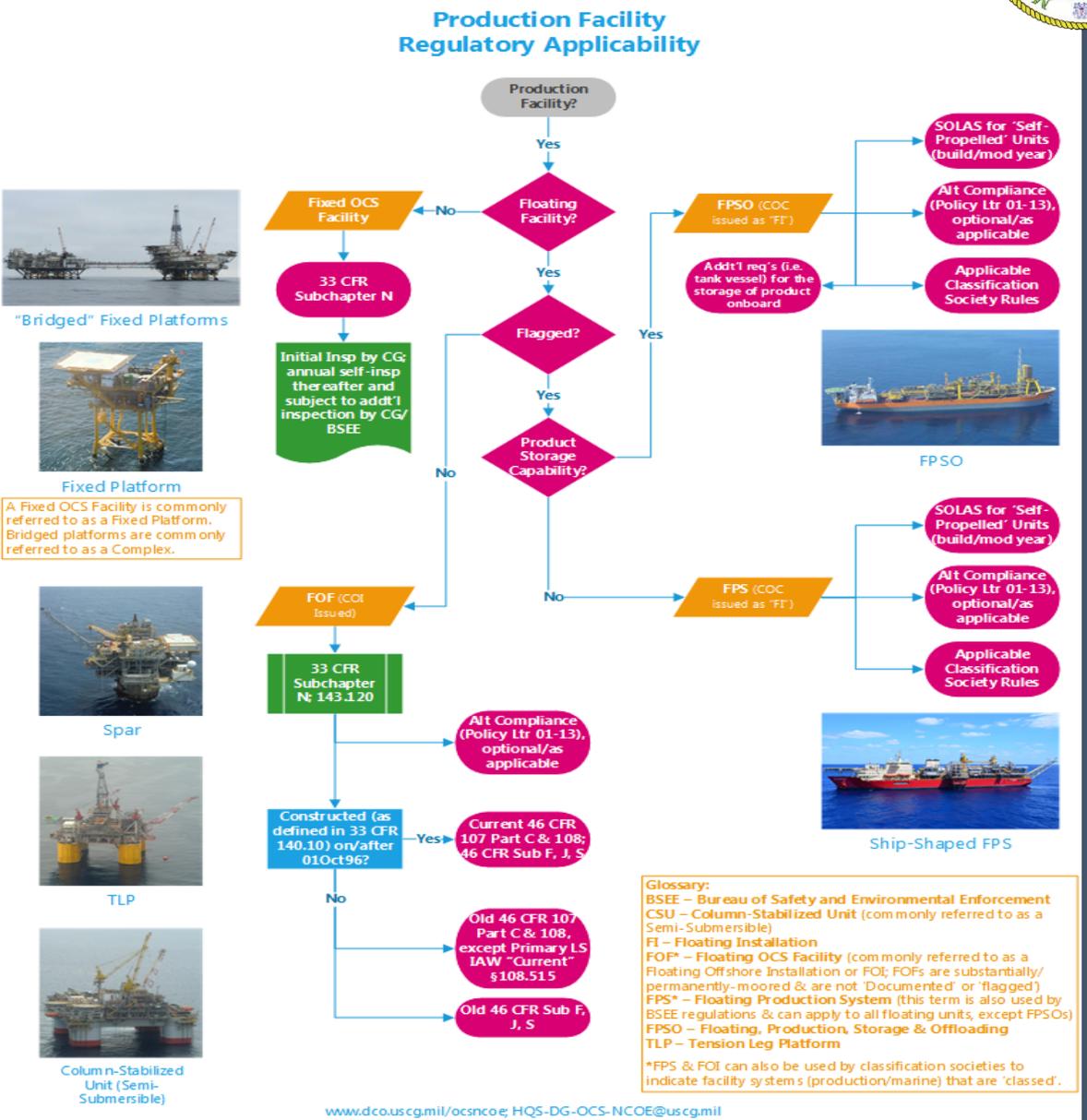
Preparedness

Response



Offshore Facility Response Plans

Regulatory factors





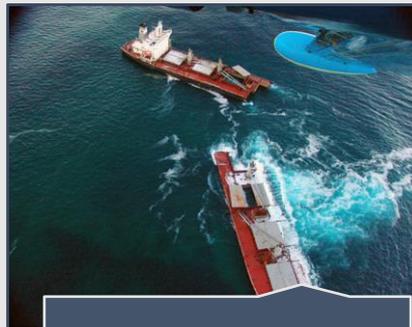
UNCLASSIFIED Agenda



General Policy Overview



Preparedness



Response



Questions



NOSDRA

NATIONAL SPILL DETECTION AND RESPONSE AGENCY

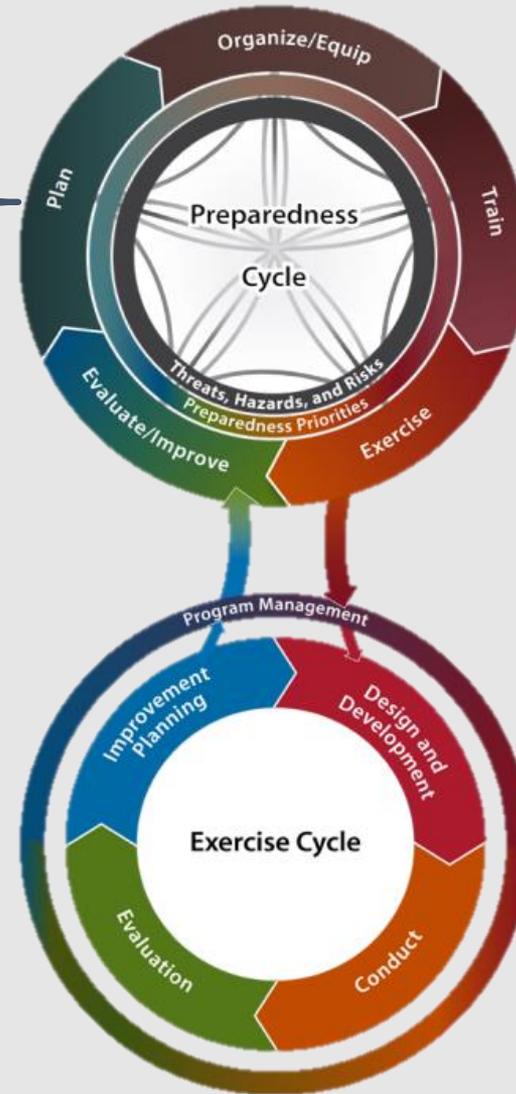


UNCLASSIFIED

Preparedness



30CFR254 / 33CFR140 / 33CFR154 / 33CFR155



Plans require an exercise

Exercises test and validate plans

Exercises evaluate and improve plans

Exercises are on a cycle

Exercise to practice for the real event

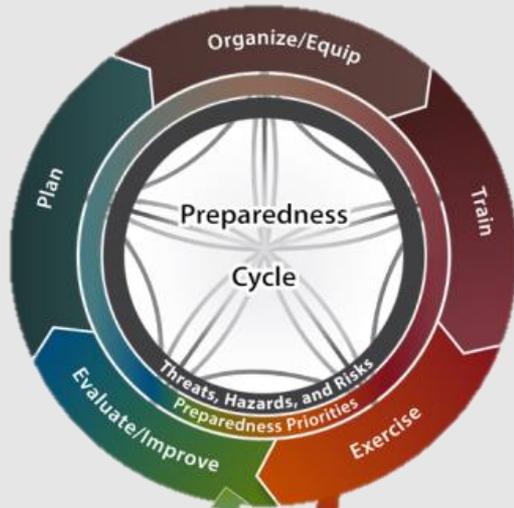
Test coordinated effort between agencies

Exercise type plays an important role



UNCLASSIFIED

Preparedness



FEMA, 2020

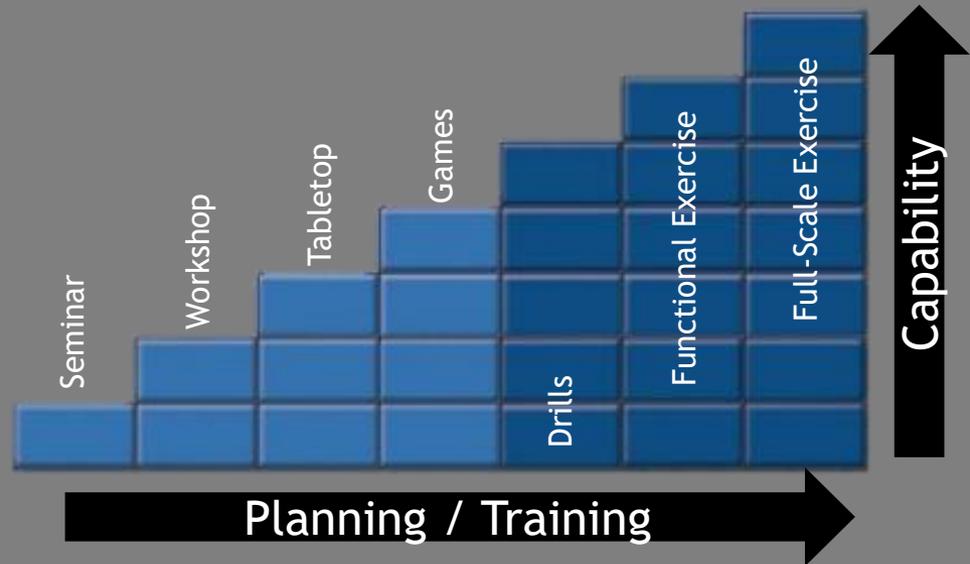
Types of Exercises



Discussion Based



Operations Based





UNCLASSIFIED

Preparedness



Preparedness for Response Exercise Program (PREP)

Compliance, Coordination and Consistency Committee (4C)



2016 NATIONAL PREPAREDNESS
FOR
RESPONSE EXERCISE PROGRAM
(PREP)
GUIDELINES

DEPARTMENT OF HOMELAND SECURITY
U.S. Coast Guard



ENVIRONMENTAL PROTECTION AGENCY



DEPARTMENT OF TRANSPORTATION
Pipeline and Hazardous Materials Safety Administration



DEPARTMENT OF THE INTERIOR
Bureau of Safety and Environmental Enforcement



- VERSION 2016.1 -

Mechanism for compliance with multiple exercise requirements, while being economically feasible for U.S. Government and oil industry to adopt and sustain

Unified federal effort satisfying the four main agencies of PREP 4C

Guidelines clarify exercise objectives, methodology for evaluation compliance with federal regulations in one consolidated guidebook

Fulfills need for interagency collaboration within context of oil spill response plan preparedness and exercises



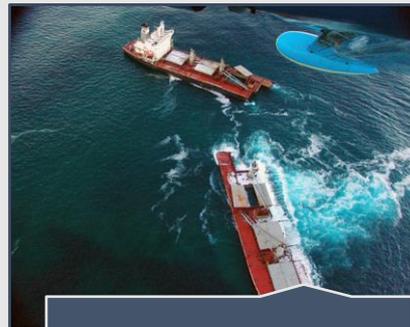
UNCLASSIFIED Agenda



General Policy
Overview



Preparedness



Response



Questions



NOSDRA

NATIONAL SPILL DETECTION AND RESPONSE AGENCY



UNCLASSIFIED

Response



Federal On Scene Coordinator



Response Duties



Response Phases

(OIL)

Single federal agent

Responsible for directing response to any oil spill or threat of a spill that might impact US waters to the outermost extent of the EEZ.

Assess situation - set priorities, secure the source, initiate response, identify responsible party

Ensure worker health and safety

Maintain communications with unified command, interested parties, and public

Discovery and notification

Preliminary Assessment/Initial Action

Containment, Countermeasures, Clean up and disposal

Documentation and Cost Recovery



UNCLASSIFIED

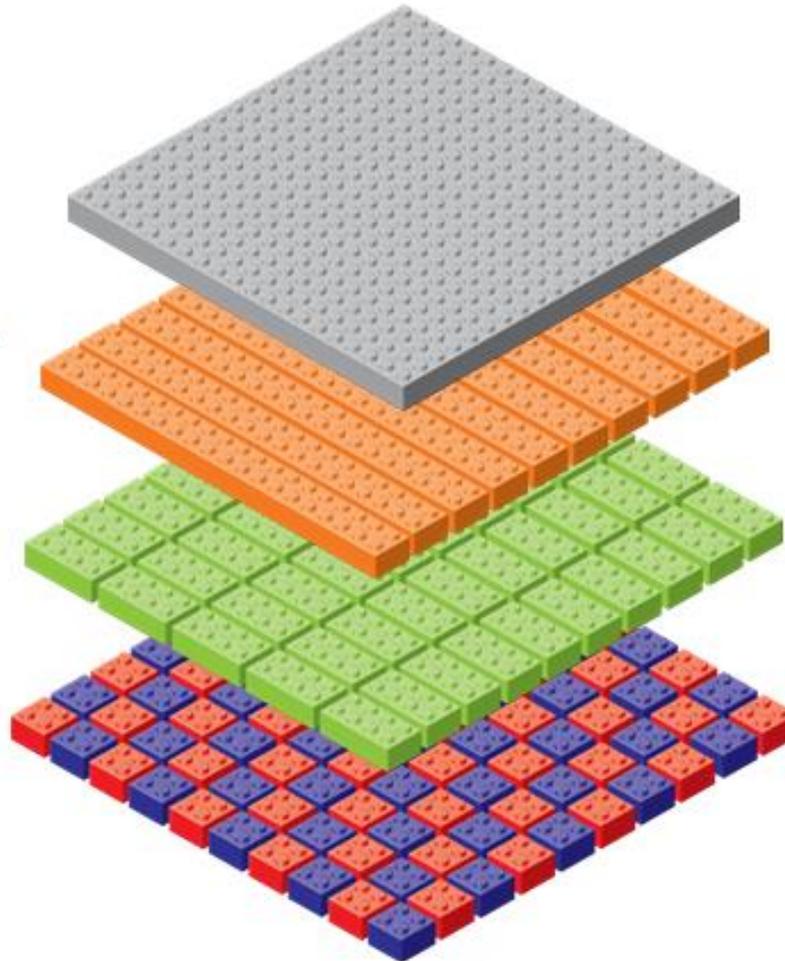
Response



National Response System - Systematic, coordinated and layered approach to planning and response

NRS Plans

- National Contingency Plan
- Regional Contingency Plans
- Area Contingency Plans
- Local Emergency Planning Committee Plans
- Industry Plans



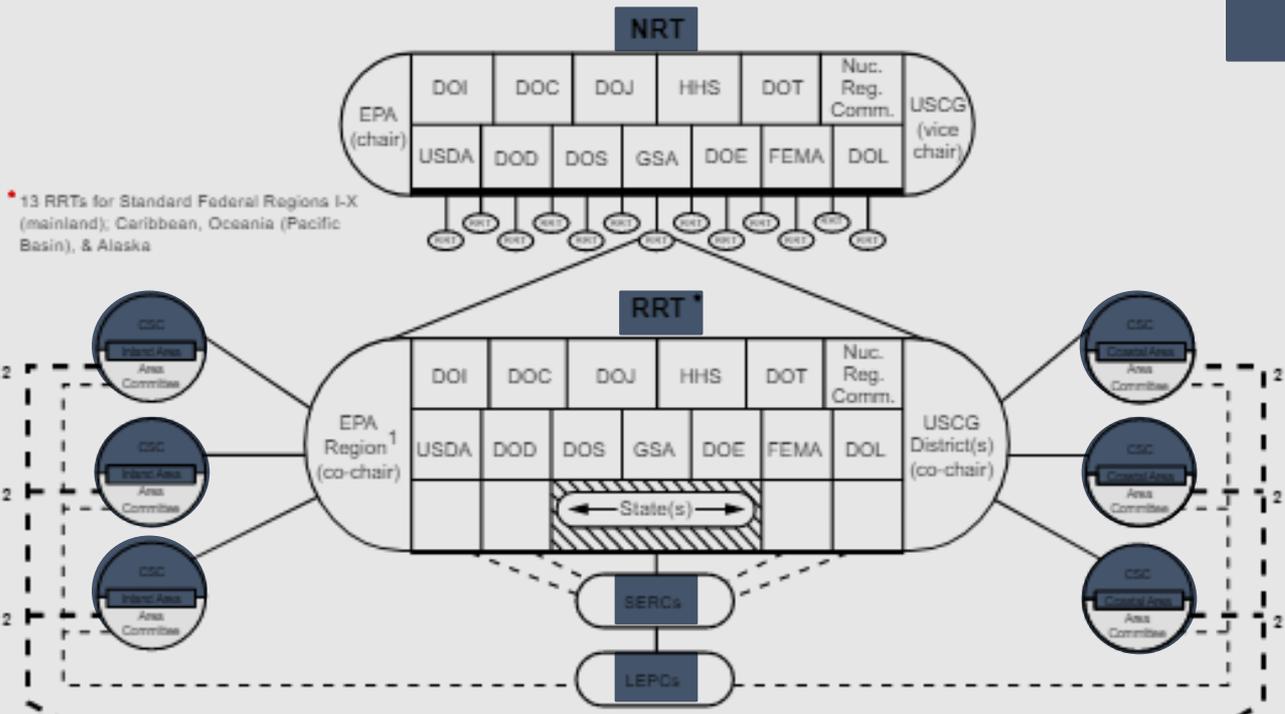
Planning Groups

- National Response Team
- Regional Response Teams
- Area Committees
- State Emergency Response Commissions
- Local Emergency Planning Committees
- Industry



UNCLASSIFIED

Response



13 RRTs for Standard Federal Regions I-X (mainland), Caribbean, Oceania (Pacific Basin), & Alaska

¹ RRT serves as the Area Committee for inland areas not covered by a separate Area Committee, unless a separate Area Committee is designated by the Regional Administrator (57 FR 15198).

Sources of Input and Guidance to Area Committees	
Government (sec. 300.145)	Non-Government (57 FR 15198)
Strike Teams NPFC ERT RERT DRG DRAT SSC PIAT SUPBALV	Facility and vessel owners/operators ² Shipping company representatives Cleanup contractors Emergency planning and response officials Marine pilot associations Members of academia Environmental advocacy groups Response organizations/officers. Citizens

² Federal laws (e.g., CWA Sec. 311(j)(5), Clean Air Act Sec. 112(r), OCHA (Process safety regulations) require facility owner/operators to prepare a response plan. Additional description is found in Section 300.211.

National Response System

National Response Team (NRT) 15 Federal Agencies

National Response Center (NRC)

Regional Response Team (RRT) 13 Regions

Federal On-Scene Coordinators (FOSCs)

Area Committees

State/Local Governments

Regulated Industries

Special Teams

Joint Response Teams w/ neighboring countries



UNCLASSIFIED

Response



How plans, preparedness, exercises, and response tie in together



Incident Occurs

Notification



National Response Center

Notification

Natural Resource Trustees

Notification

OSC/RPM

Initial Assessment/First Response
Federal/State/Local/RP
Notification/Response Measures
as per section 300.180

Federal Assistance Required?

No

State/Local/RP Response

Yes

National Response Team²
section 300.110

Regional Response Team²
section 300.115

OSC/RPM
State¹ RP

(Unified Command Structure, as developed by the Area Committee)

Special Forces ² section 300.145
NSF
ERT
RERT
SSC
NPFC
DRG
SUPSALV

¹ This includes local representation as well.

² Resources available to support the OSC/RPM upon request.

UNCLASSIFIED



Questions?



NOSDRA
NATIONAL SPILL DETECTION AND RESPONSE AGENCY