

US EPA ARCHIVE DOCUMENT

Managing an Integrated Response



Freshwater Spill Symposium
Portland, Oregon
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The O'BRIEN'S Group

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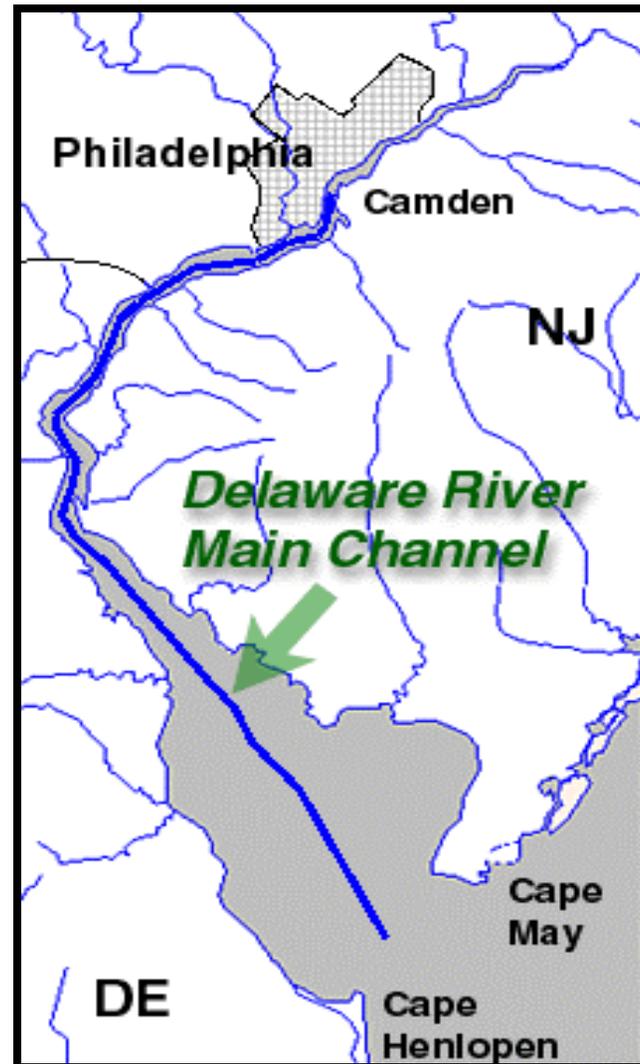
Area Information

**COTP Philadelphia
Statistics**

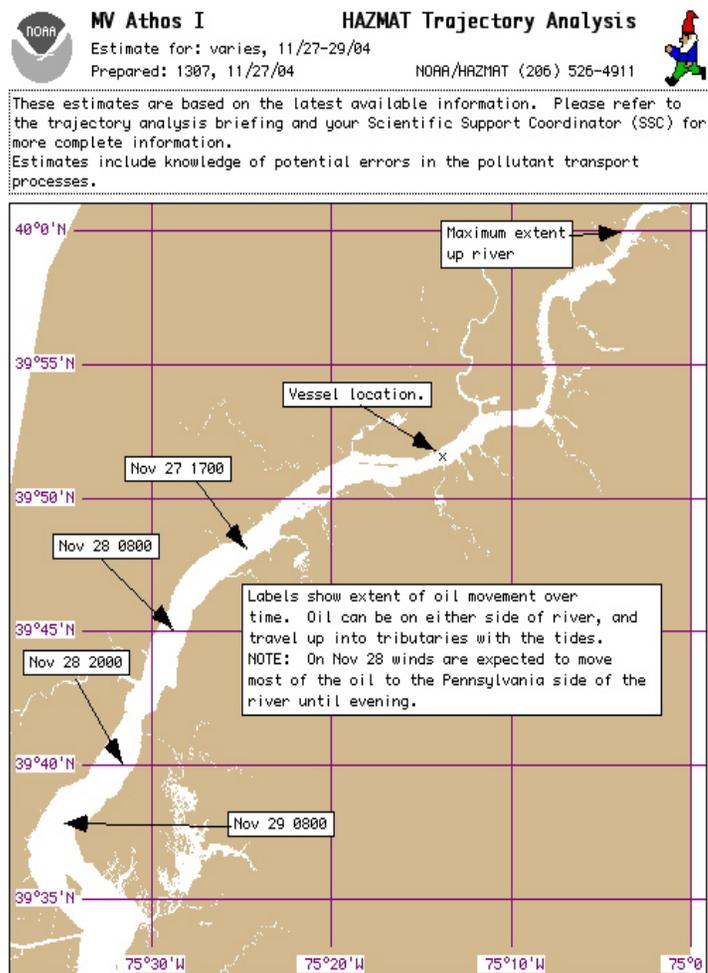
- ◆ Approx 3,000 vessel arrivals/year
- ◆ 3rd largest petro-chemical port in the nation (largest for crude oil imports)
- ◆ Largest VLCC receiving port in nation
- ◆ 1 million barrels of crude oil imported daily
- ◆ Largest North American port for steel, paper, and meat imports
- ◆ Largest cocoa bean and fruit import port on east coast
- ◆ Port system generates \$19 billion in annual revenue

Home to:

- ◆ Five of the largest east coast refineries
- ◆ Six nuclear power plants
- ◆ Three states and two federal regions
- ◆ One of the 14 national strategic ports



Initial Timeline



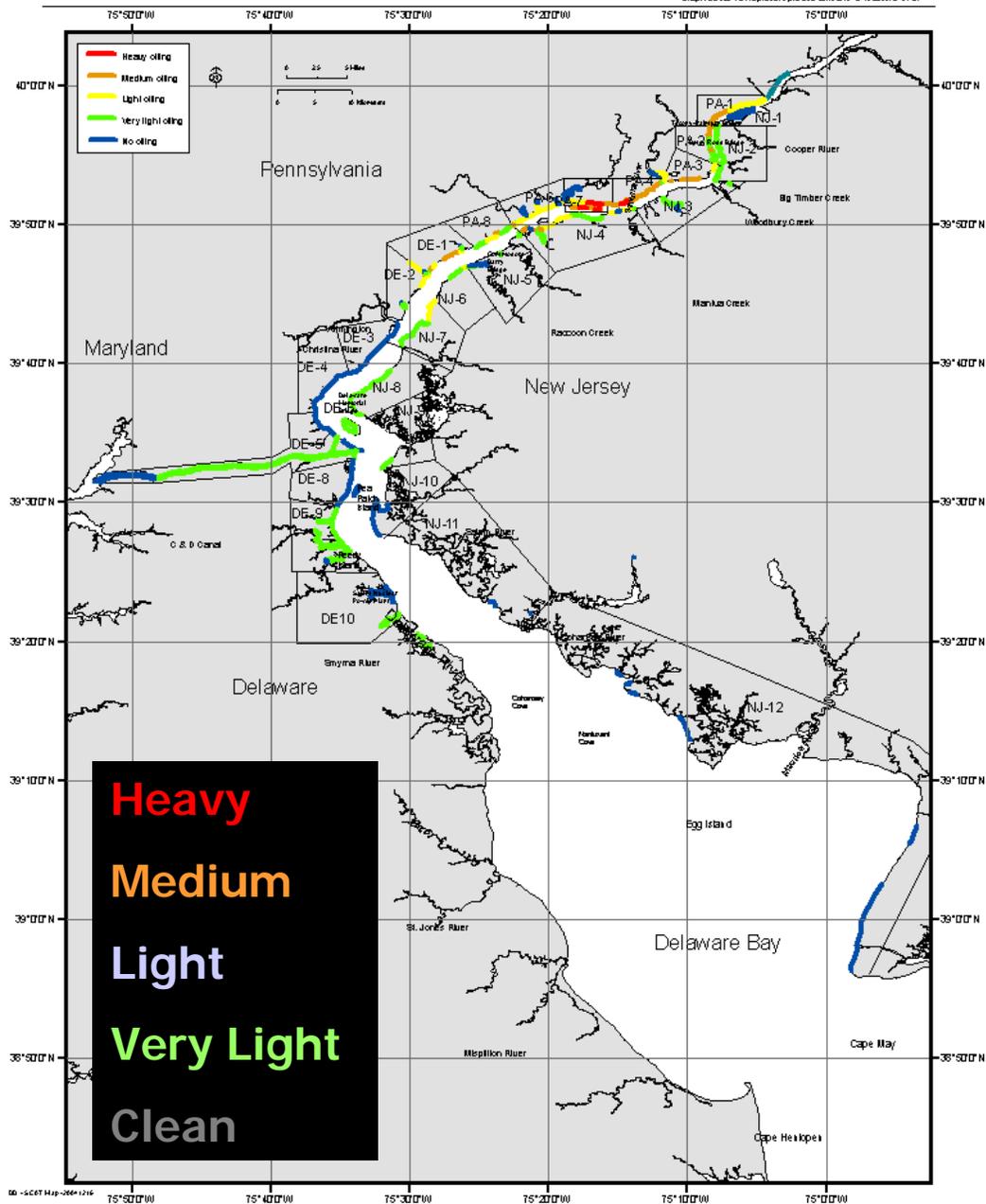
- **26 Nov** 2130 hrs M/V ATHOS I 8 degree list to port
- **27 Nov** Initial weather flat calm-oil observed on Delaware River
- **28 Nov** high easterly winds drives oil against PA shore
- **29 Nov** overflight indicates significant oil has been released
- **30 Nov** high level of response effort including shoreline assessment
- **1 Dec** high westerly winds drives oil against NJ shore

M/V Athos I, Delaware River, N.J./PA

DE, NJ, PA SCAT Map created by NOAA
USE ONLY AS A GENERAL REFERENCE

Date/Time: 12/16/2004

Graphic does not represent precise amount or locations of oil

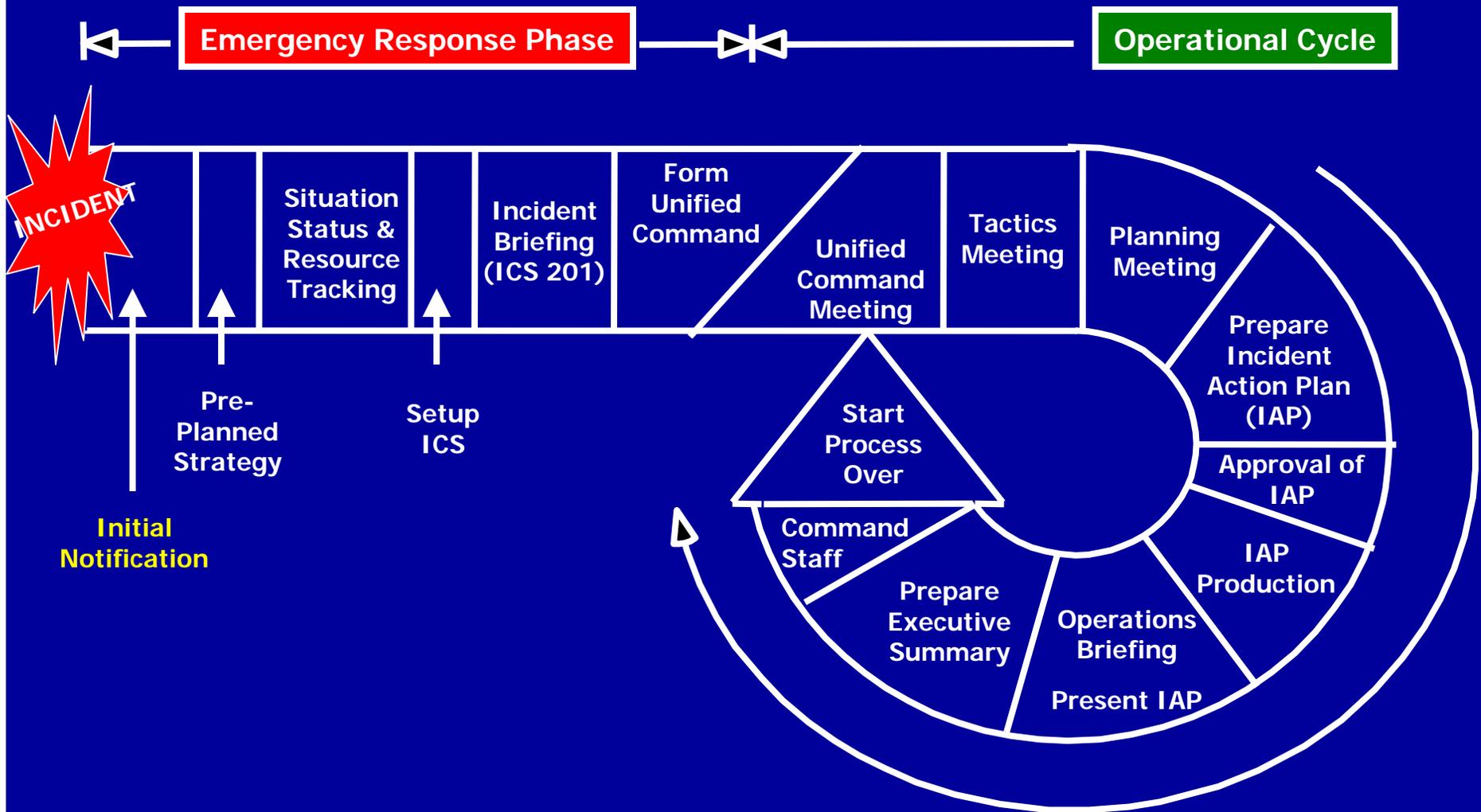


Shipping Impacts

- ◆ Waterway closed to all vessel traffic
- ◆ Refineries reduced operations & threatened closure
- ◆ Delaware Bay lightering operations
- ◆ Containerized cargo delays
- ◆ Refrigerated foodstuff delays



THE PLANNING CYCLE



Operations Briefing

Purpose of Meeting:

- Presentation of the Incident Action Plan for the next operational period

Who Attends:

- UC, DIC
- Command and General Staff
- Div / group supervisors, TF leaders
- Branch Directors and Unit Leaders

Pre-meeting Prep:

Incident Action Plan - completed and assembled for distribution

Unified Command Meeting

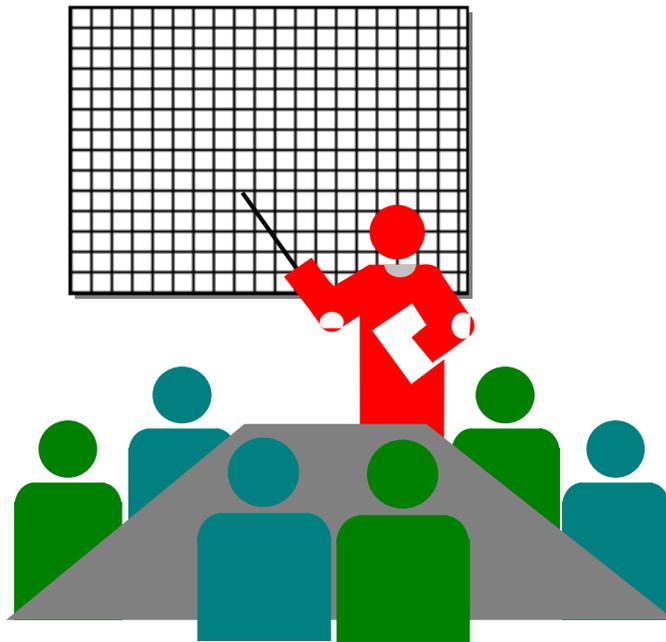


Deliverables:

- Evaluate response actions and define priorities for next operational period
- Prepare ICS 202

Tactics Meeting

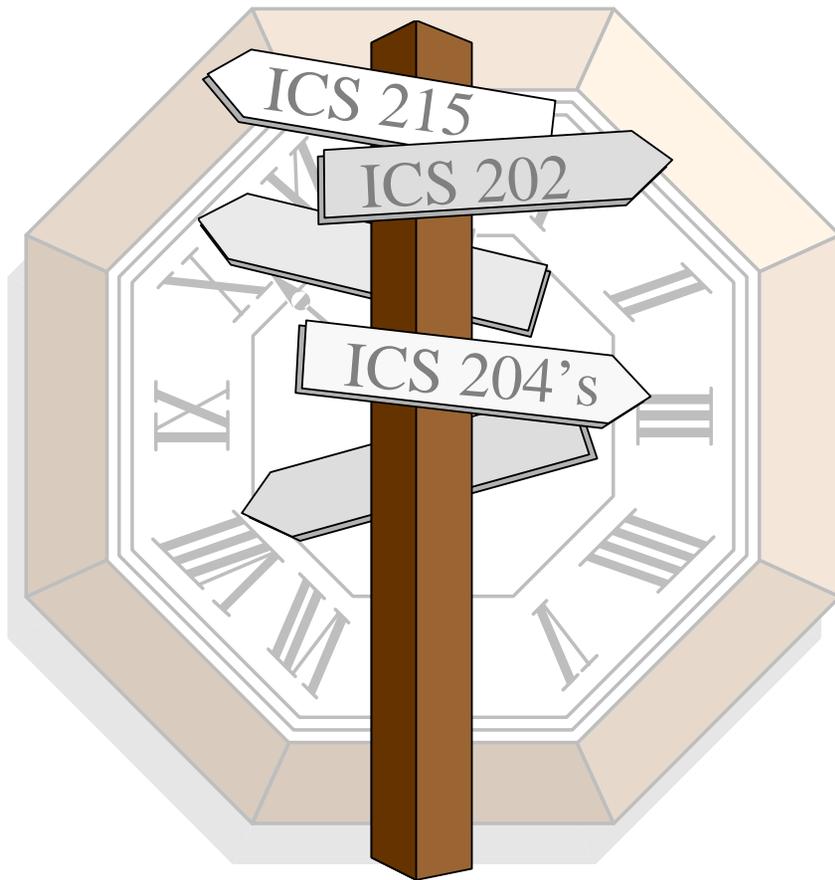
ICS 215



Deliverables:

- Prepare draft operational planning worksheet (ICS 215)
- Draft primary and alternate tactics to meet response objectives
- Resource requirements to meet response objectives

Planning Meeting



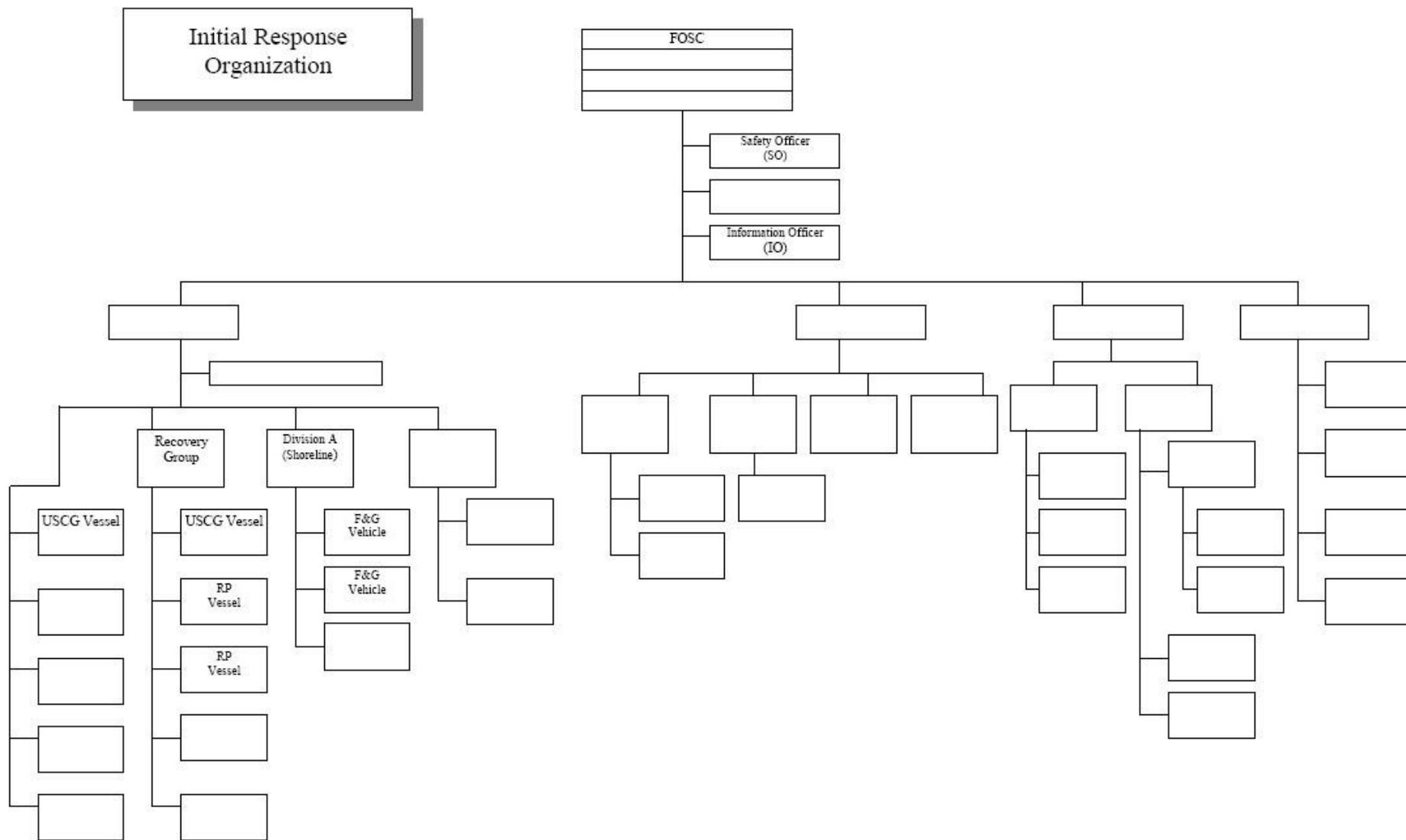
Deliverables:

- **Finalized ICS 215**
- **Finalized ICS 202**
- **Incident Action Plan development deadline**
- **Clear delegation of action items for IAP development.**

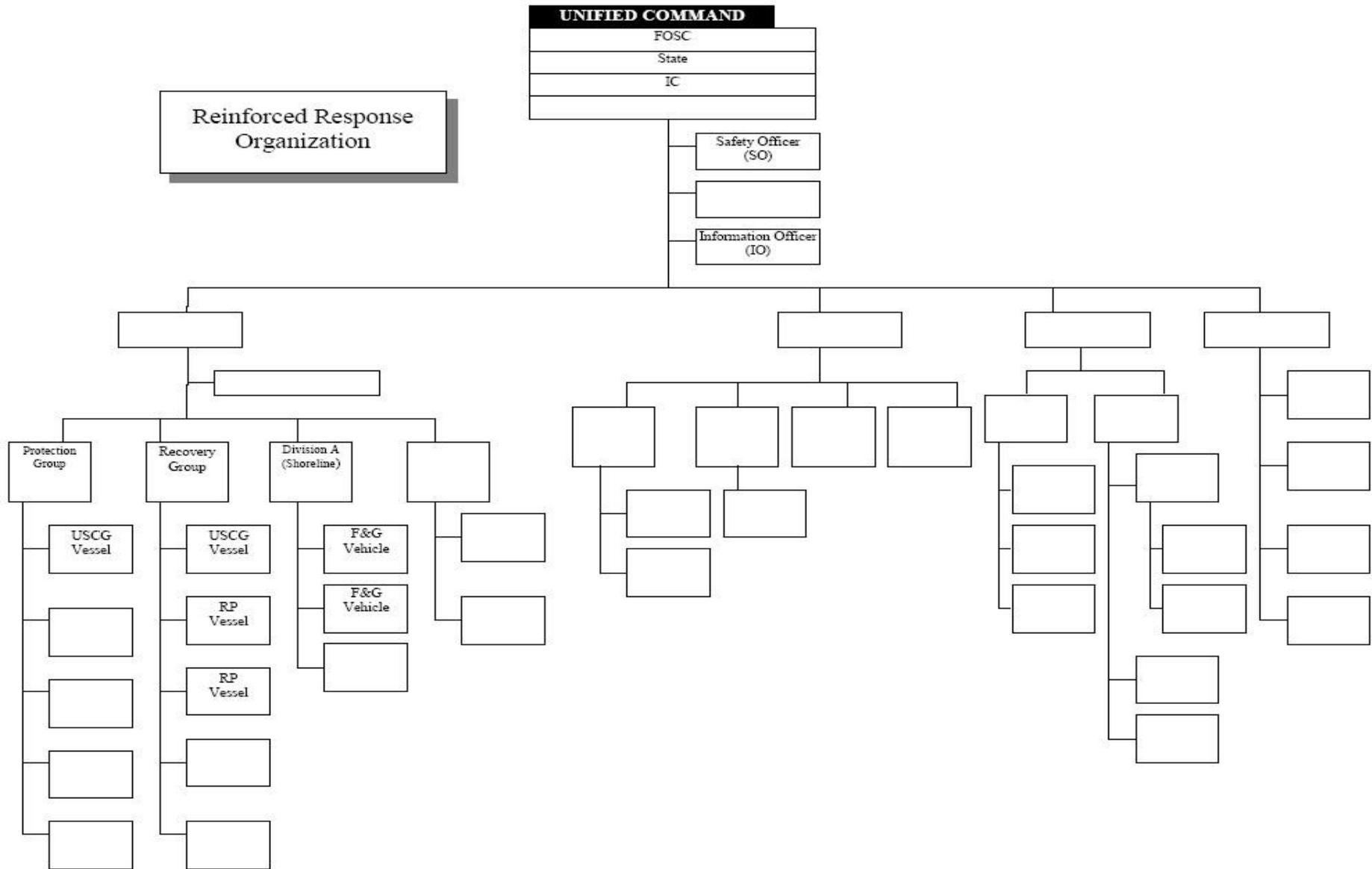
Managing an Coordinated Response

- Operational
 - Search and Rescue
 - Salvage and Lightering
 - Protection
 - Shoreline Recovery
 - On-Water Recovery
 - Dispersants
 - Assessment
 - In-situ Burning
 - Wildlife
 - Disposal
 - Hazardous Substance
- Support/Coordination
 - Public Information
 - Assisting and Cooperating Agencies
 - Environmental
 - Economic
 - Claims
 - Natural Resource Damage
 - Investigations
 - Safety
 - Command Post Needs

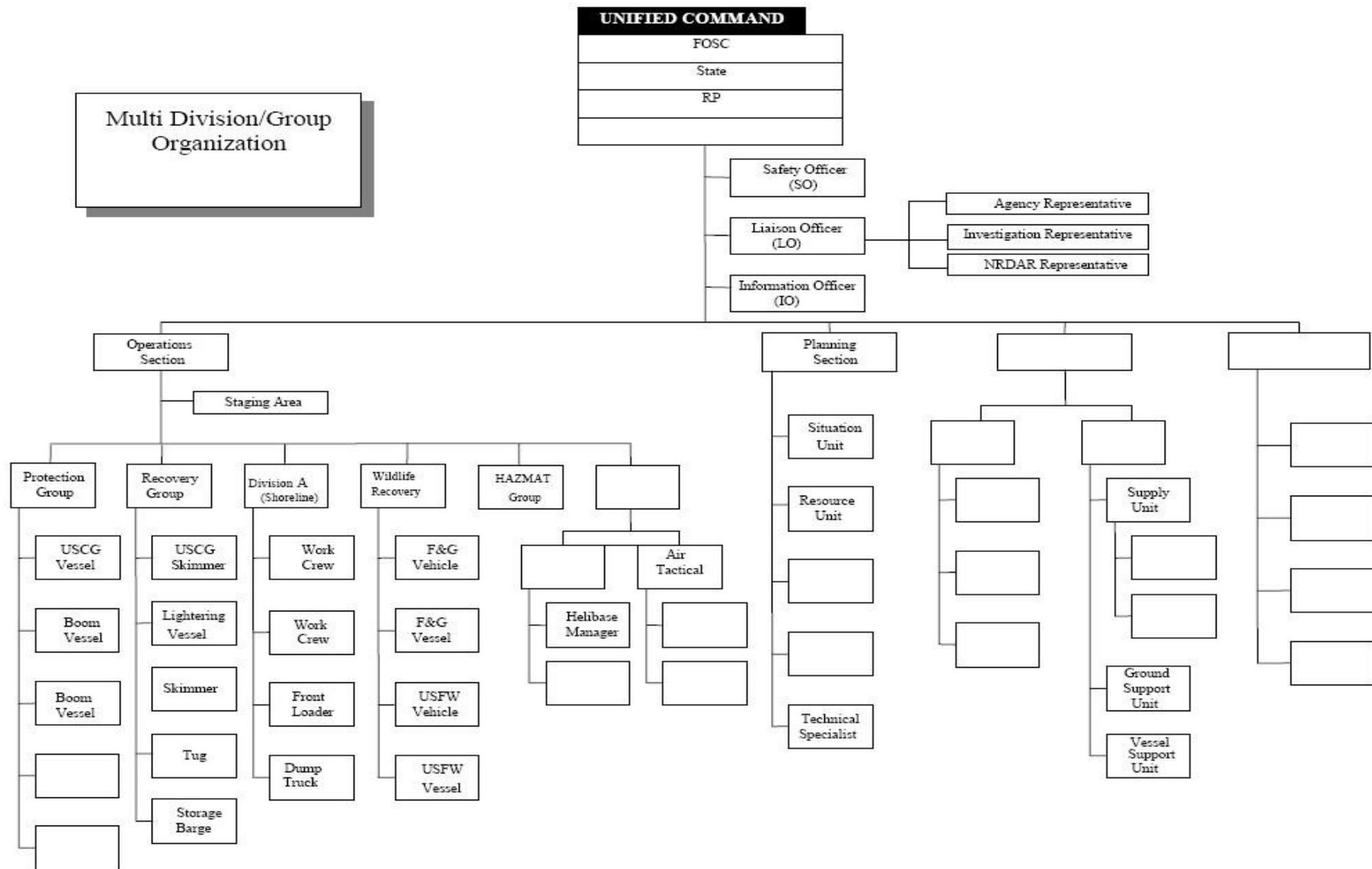
Initial Response Organization



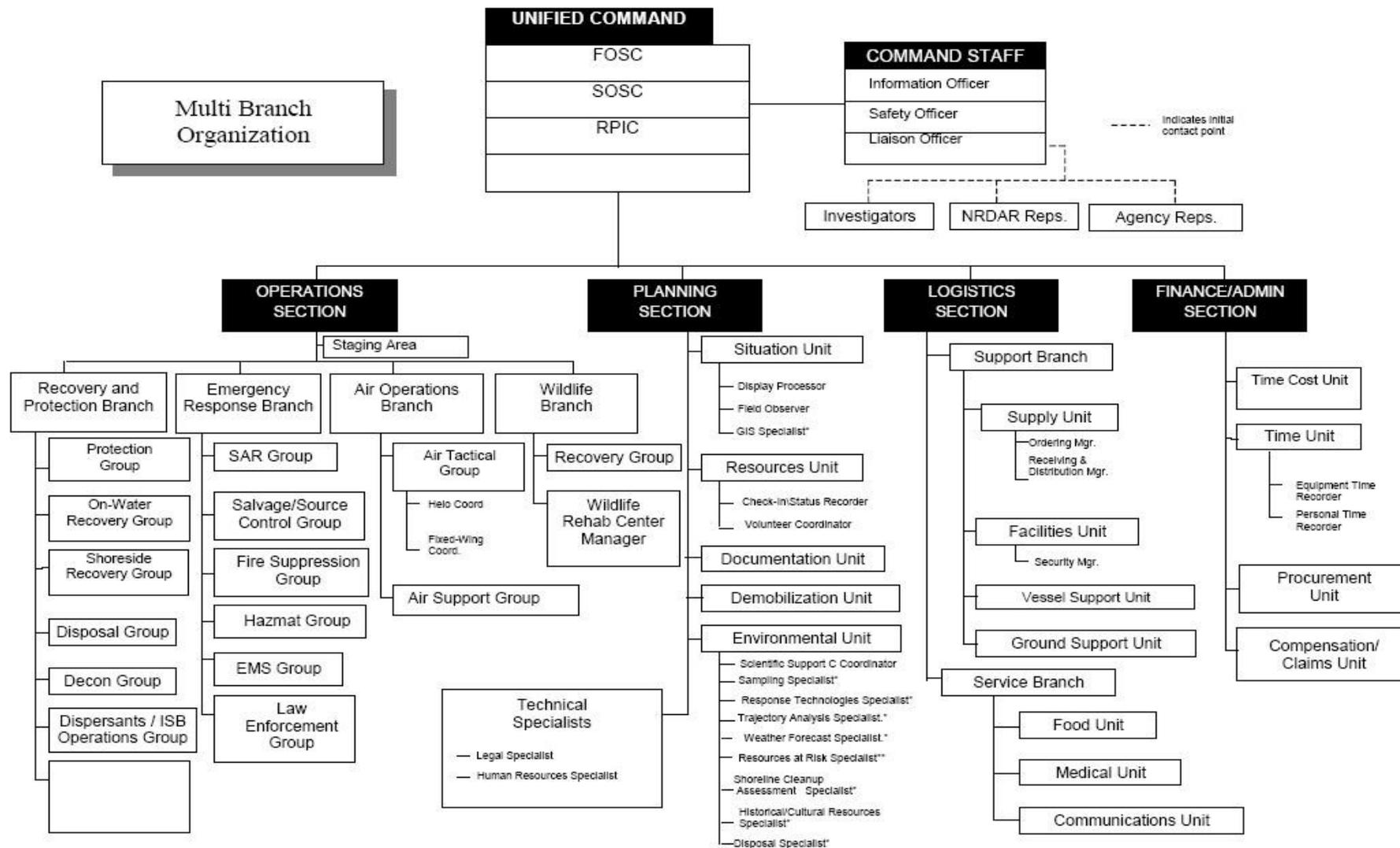
Reinforced Response



Multi Division/Group Organization

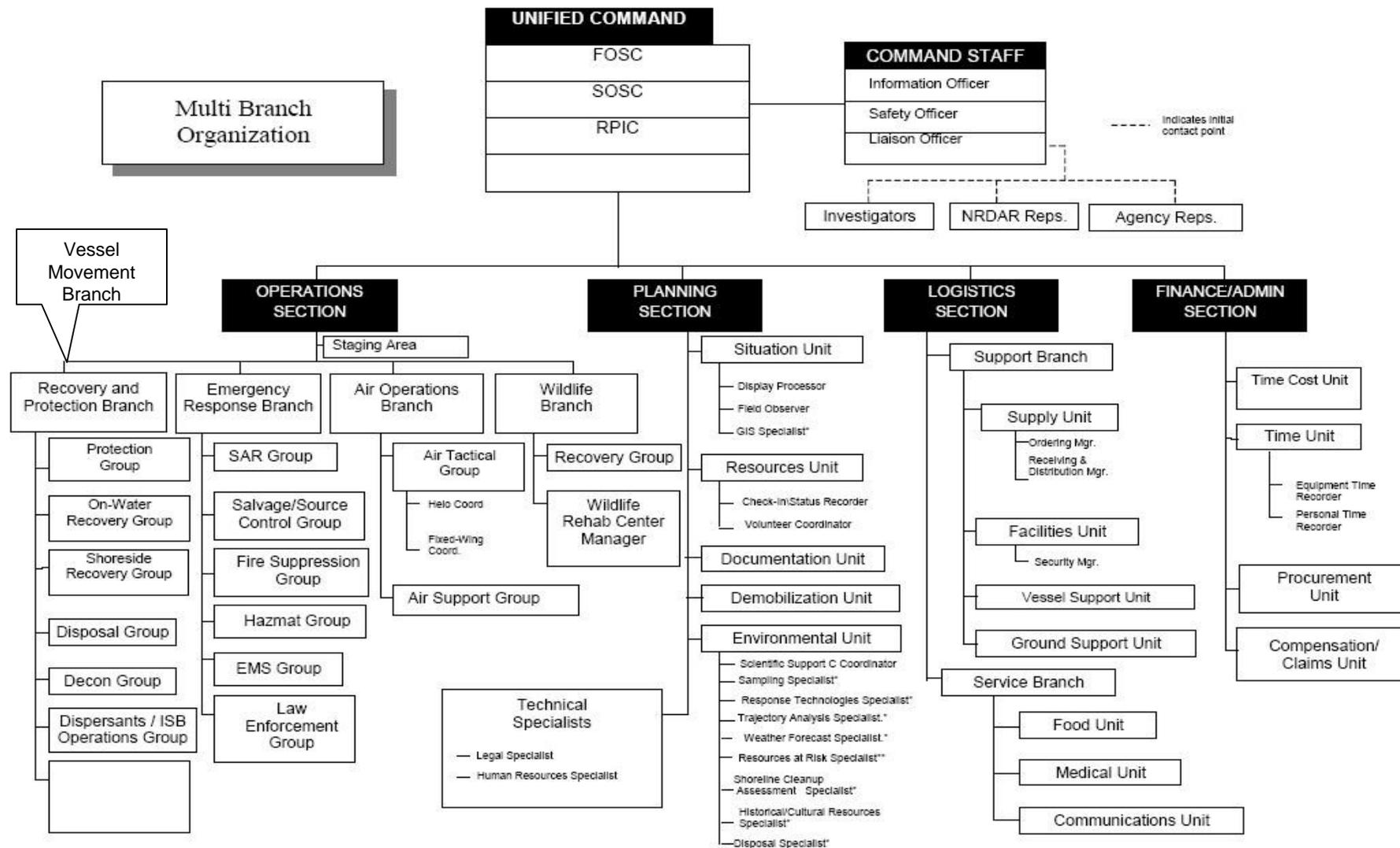


Multi Branch Organization



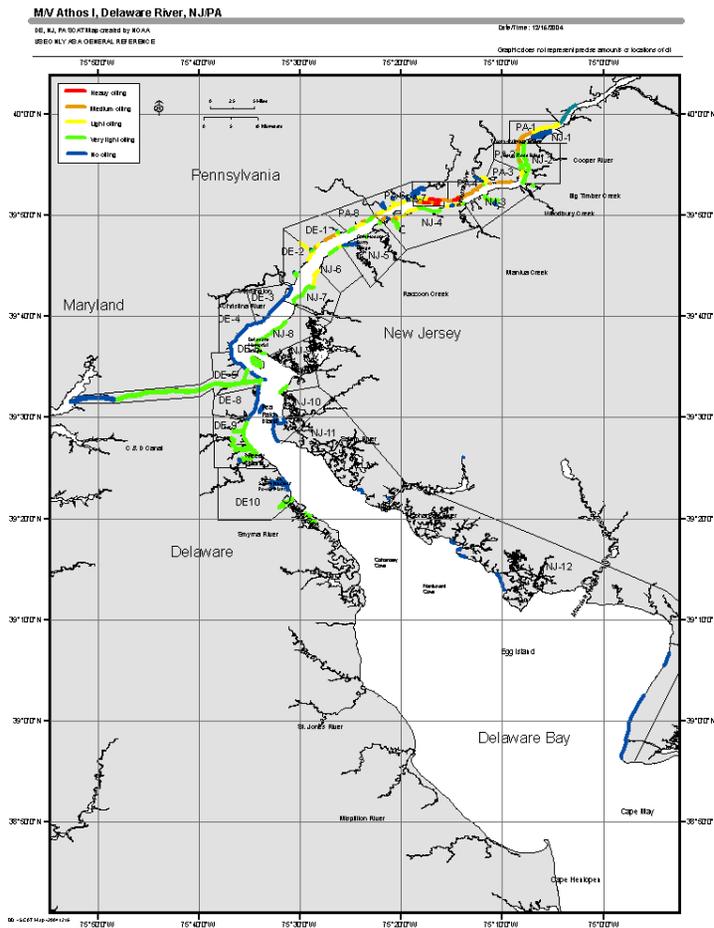
* Recommended Possible Assignment of Technical Specialists

Multi Branch Organization



* Recommended Possible Assignment of Technical Specialists

Managing an Coordinated Response



Human Health

- No Public Injuries
- No Worker Injuries

Natural Environment

- Source of Discharge
- Source Contained
- Sensitive Areas Protected
- Resource Damage Minimized

Economy

- Economic Impacts Minimized

Public Communication

- Positive Media Coverage
- Positive Public Perception

Stakeholders Support

- Minimize Stakeholder Impact
- Stakeholders Well Informed
- Positive Meetings
- Prompt Handling of Claims

Organization

- Standard Response Mgmt. System
- Sufficient / Efficient Resources



Delivering “Best Response”