
Spill Response in the Hawai‘ian Islands

US Coast Guard, Sector Honolulu
State of Hawai‘i DOH, HEER Office
Clean Islands Council



Overview

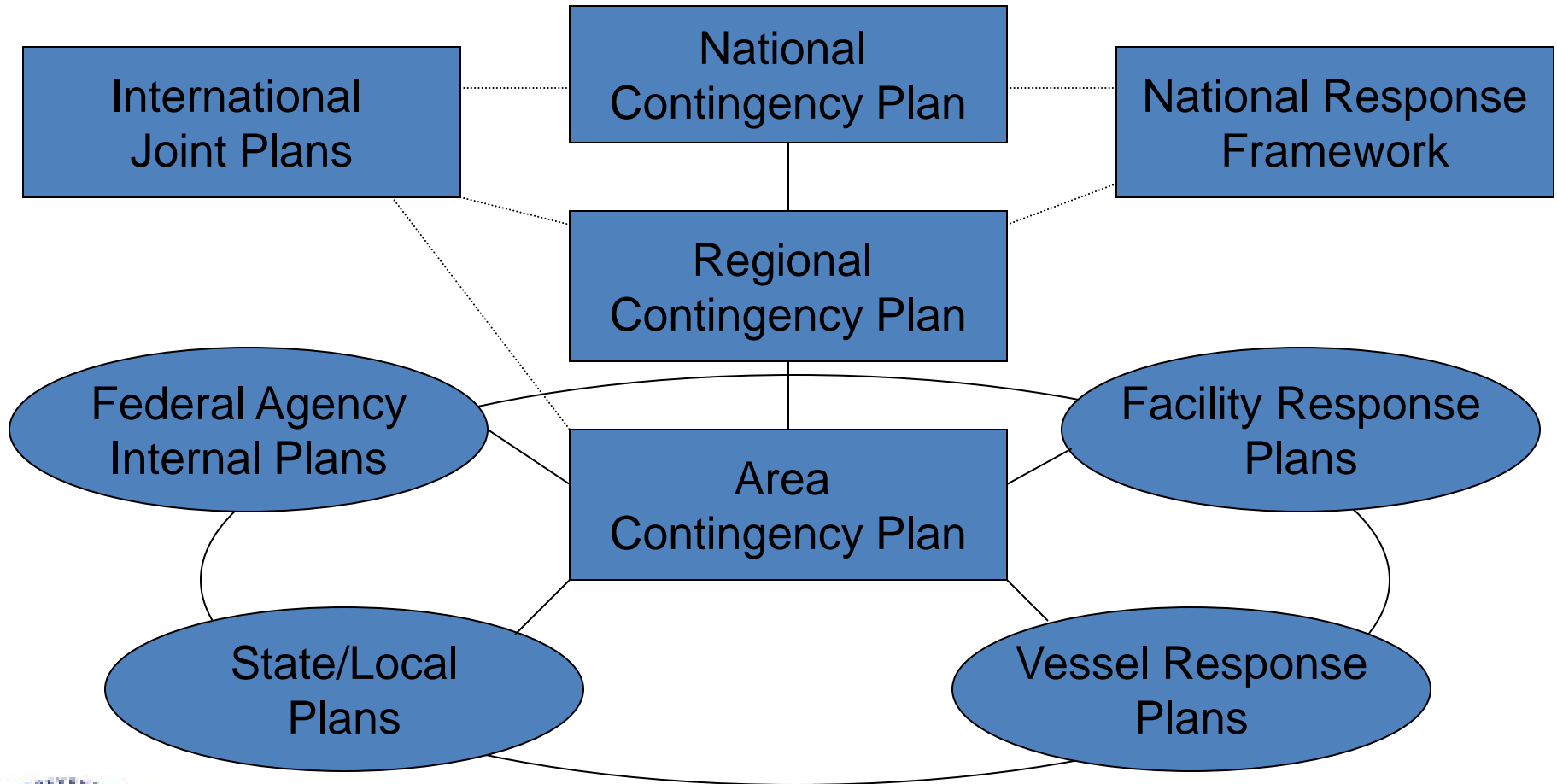
- Response Authorities
- National Response System
- Organization
- Hawaii Spill Response
- Local Spill History
- Local Response to Deepwater Horizon SONS
- Response Challenges



Response Authorities

- National Contingency Plan
 - Oil - CWA and OPA90
 - HAZMAT - CERCLA
- Federal On Scene Coordinators
- Role of the State
- Designation of Responsible Parties
- Oil Spill Liability Trust Fund
- Superfund

Plans of the National Response System



From NCP 40CFR300.205





National Response System

National Response Framework

- All Hazard
- FEMA
- Multitude of Federal, State, Local Response Agencies
- NIMS / ICS
- Emergency Support Functions
- Stafford Act

National Contingency Plan

- Pollution – Oil/Hazmat
- FOSC - EPA / USCG
- National Response Team & Regional Response Teams
- Area Committees
- Area Contingency Plan
- OSLTF / Superfund
- ESF #10



Oceania Regional Response Team

- Co-Chairs
 - Dan Meer, EPA, Region 9
 - CAPT Eric Brown, USCG D14, Chief of Response
- Develops Regional Contingency Plan
- Advisory board for OSCs
- Provides input for certain response options





Area Committee

- Chaired by the Federal On Scene Coordinator
 - CAPT Joanna M. Nunan, USCG Sector Honolulu
- Acts as a preparedness and planning body
- Develops Area Contingency Plan

MEMBER AGENCIES / COMPANIES

- USCG
- NOAA
 - Papahānaumokuākea Monument
 - National Marine Fisheries Service
- US Navy Region Hawaii
- USMC Base Hawaii
- US Fish and Wildlife Service
- Department of Interior
- Hawaii Dept of Health – HEER
- Hawaii State Civil Defense
- Hawaii DLNR
- Hawaii Ocean Safety Team
- Hawaii Wildlife Center
- Honolulu C&C Emergency Management
- CIC
- MSRC
- Pacific Environmental Corp (PENCO)
- HECO (Represents MECO/HELCO)
- Tesoro
- Chevron
- Young Brothers
- Sause Brothers Towing
- K-Sea
- Rath Response



Area Contingency Plan

- Product of the Area Committee
- Hawaiian Island Specific
- Detailed Response Plans
 - Booming and Protection Strategies
 - Sensitive Environmental Areas & Wildlife
 - Discharge Scenarios
- Response Assets and Equipment
- Alternate Response Technologies



Spill Organization

- Unified Command
 - FOSC (EPA/USCG)
 - SOSC (DOH, HEER Office)
 - Responsible Party
- ICS/NIMS
- Clean Islands Council
 - Incident Command Post





Incident Command System



- Use directed by HSPD-5
- Incorporated into NRF/NCP
- Adopted to All-Hazards
- Commonly Practiced
- Extensive On-Island Training



Hawaii Spill Response Center



- 46 Phone Lines
- 10 Fax machines
- 30 Computers
- Radio Room
- Complete Graphic Support
- Approximately 3,000 ft of ICS Management Support Facility





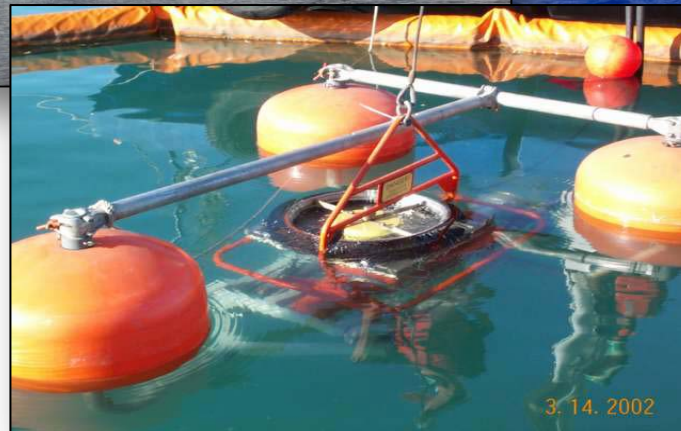
Hawaii Spill Response

- Joint Training/Exercises
- Response Equipment
- Alternate Response Options



Response Equipment – Active Recovery

- Oil Spill Response Vessels
- Boom
- Skimmers
- Storage Barge
- CG VOSS



Response Equipment - Wildlife



**Oiled Wildlife
Wash Water Treatment Unit**
CIC Part No. 1 - 234 - 1

Water Softener

Water Softener
Regenerator

Propane Fuel
Source

AquaStar
in-line flash
water heater



Response Equipment - Dispersants

- Jointly Owned
- Memorandum of Agreement
- Fixed Wing – ADDS
- Rotary Wing
- Vessel Based



Worst Case Scenarios

- Off Shore Moorings



- Northwest Hawaiian Islands





Hawaii Spill History

- 1996 - Chevron Pipeline
- 1998 - Off Shore Mooring

- Most spills are minor and non-point source
 - Small Recreational Boats
 - Mystery Sheens



Deepwater Horizon Affect on Hawaii

- Area Committee and Key Player Discussions
- Equipment Loans
 - Suspension of Response Time Planning Criteria
- Personnel Deployments
 - CIC – 1
 - MSRC - 9
 - PENCO – 18
 - Navy SUPSALV – 8
 - USCG D14 – 147



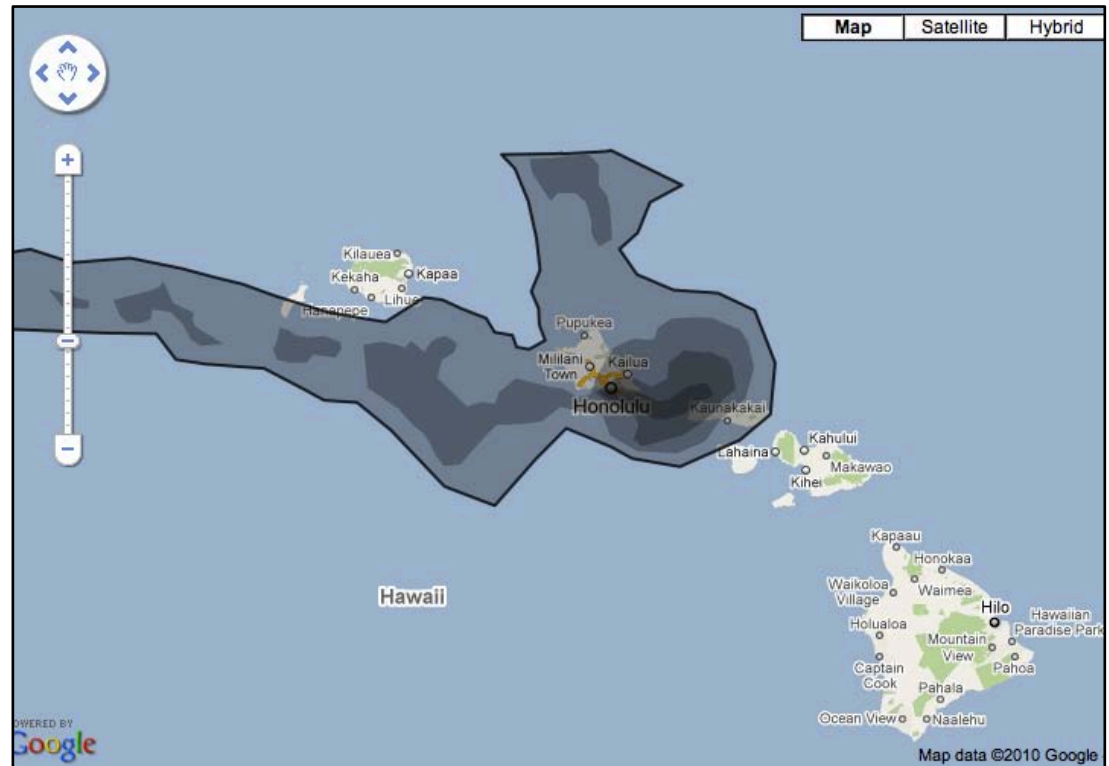
Visualizing the Deepwater Spill

Deepwater Horizon

- Continuous, 86 Day
- 200 million gal

Hawaii WCD

- Single Discharge
- 42 mil gal





Response Challenges

- State – Shorthanded on SOSCs and funding
- Industry – Trained Field Personnel - Agents
- Equipment – Limited resources - Plans, Cascading of NRC/MSRC equipment