



Texas Oil Spill Planning and Response Toolkit

November 2009

- **Area Contingency Plans**
- **Maps/Charts**
- **Regional Response Team VI**
- **Incident Command System**
- **Additional Documents**
- **Software Applications**
- **Internet Links**



Area Contingency Plans



[One Gulf Plan](#)
[\(Click Here\)](#)

Geographic Response Plans (2009)

- **Sector Corpus Christi, TX**
- **Sector Houston-Galveston, TX**
- **MSU Port Arthur, TX**
- **MSU Morgan City, LA**
- **Sector New Orleans, LA**
- **Sector Mobile, AL**



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Maps/Charts



- **TGLO Oil Spill Planning & Response Maps for Texas (Environmental Sensitivity Maps)**
- **Texas ESI Shoretype Descriptions (Upper & Lower Coast Atlas)**
- **ESI Maps for Alabama, Louisiana and Mississippi**
- **Texas Beach & Bay Access Guide**
- **RRT VI Pre-Approval & Exclusionary Areas**
- **Western Gulf Map Series**
- **GLO Pre-Staged Equipment**





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Regional Response Team VI



- **Dispersant Pre-Approval Plan**
- **RRT VI Insitu-Burn Plan (Part I & II) and Checklist**
- **Guidelines for Inshore/Nearshore ISB**
- **SMART Monitoring Plan**
- **Bioremediation Position Paper**
- **RRT VI Phone List**
- **Memorandums of Agreement (MOAs)**
- **RRT VI Pre-Approved Surface Washing Guidelines**
- **Near Shore Dispersant Expedited Approval Process**





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Regional Response Team VI – Memorandums of Agreement



- **MOA among USCG and USAF**
- **MOA between USCG and EPA regarding response boundaries**
- **Endangered Species Act MOA among USCG, USEPA, DOI, USFWS and NOAA (NMFS & NOS)**





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Incident Command System



- **Incident Management Handbook (English)**
- **Incident Management Handbook (Spanish)**
- **ICS Forms (PDF, Word, Excel, Mac, Spanish)**
- **ICS Compatible Site Safety and Health Plan (Instructions, Specific Hazard Attachment and Forms)**
- **SCAT Forms (PDF and MS Word)**
- **NOAA ICS Forms Database (Windows or MacOS)**





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Additional Documents



- **NOAA Products**

Job Aids
In-Situ Burn
Manuals & Guidelines
Reports on Response Issues
Fact Sheets



- **PREP Exercise Reports & Guidelines**
- **Other State & Federal Documents**
- **Texas ESI Shoretype Descriptions (Upper & Lower Coast Atlas)**



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NOAA Job Aids



- **Open Water Oil Identification**
- **Shoreline Assessment Job Aid**
- **Dispersant Application Observer**
- **Trajectory Analysis Handbook**





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NOAA In-Situ Burn**



- **Frequently Asked Questions**
- **Guidance on Burning Spilled Oil In-Situ**
- **Open-Water Response Strategies: ISB**
- **RRT II ISB Unified Command Decision Verification Checklist**
- **Health & Safety Aspects of ISB of Oil**
- **Sample Site Safety Plan for Marine ISB Operations**
- **Residues from ISB of Oil on Water**
- **Comparisons (risk communication)**





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NOAA Manuals & Guidelines



- **Shoreline Countermeasures Manual
(Temperate & Tropical)**
- **Shoreline Assessment Manual**
- **Mechanical Protection Guidelines**
- **Aerial Observations of Oil at Sea**





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NOAA Reports on Response Issues

- Responding to Oil Spills in Coastal Marshes
- Assessment of Risks Associated with the Shipment and Transfer of Group V Oils





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NOAA Fact Sheets

- **Number 6 Fuel Oil (Bunker C) Spills**
- **Small Diesel Spills (500 - 5000 gallons)**





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Other State & Federal Documents

- National Contingency Plan
- State of Texas Oil & Hazardous Substances Spill Contingency Plan
- MEXUS Plan
- MEXUS Gulf Annex
English / Espanol
- MMS Pipeline Oil Spill Volume Estimator
- USFWS Best Practices for Migratory Bird Care During Oil Spill Response



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Software Applications



- Adobe Reader 9.1 ® - **Windows** or **MacOS**
- NOAA Software:
 - ADIOS2 (**Windows** or **MacOS**)
 - Spill Tools (**Windows** or **MacOS**)
 - Dispersant Mission Planner 2 (**Windows** or **MacOS**)
 - NUCOS Unit Converter (**Windows** or **MacOS**)
 - ICS Forms Database (**Windows** or **MacOS**)
- TerraGo Toolbar®
- Simple Vector Addition Trajectory Tool
(**Excel 2007 version** or **earlier Excel versions**)
- MMS Worst Case Discharge Calculator





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Internet Links

- [Oceanographic Data](#)
- [Weather](#)



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Internet Links

Texas General Land Office Oil Spill Prevention and Response Program

<http://glo.state.tx.us/oilspill/index.html>

NOAA's National Ocean Service Office of Response and Restoration

<http://response.restoration.noaa.gov/>

U.S. Coast Guard Marine Safety and Environmental Protection

<http://homeport.uscg.mil>

As a convenience to the oil spill response community, all of the individually listed information resources below are accessible from the Texas Automated Buoy System website at <http://tabs.gerg.tamu.edu/tglo/>

Oceanography

Measured and Forecast Currents for Texas and western Louisiana Gulf coast
Texas General Land Office and Texas A&M University's Geochemical and
Environmental Research Group

Texas Automated Buoy System <http://tabs.gerg.tamu.edu/tglo/>

Measured Currents for Galveston Bay
Houston/Galveston P.O.R.T.S.

<http://tidesandcurrents.noaa.gov/ports/index.shtml?port=hg>

Forecast Currents for Galveston Bay, Corpus Christi Bay, Matagorda Bay and Sabine Lake
Texas Water Development Board

http://midgewater.twdb.state.tx.us/bays_estuaries/bhydpag.html

Sea Surface Temperature Imagery

Ocean Remote Sensing Group at Johns Hopkins University

<http://fermi.jhuapl.edu/avhrr/gm/>

Wave Forecasts

Navy Spectral Wave Predictions System

<http://tabs.gerg.tamu.edu/Tglo/wavemodel.html>

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Internet Links (cont'd)

Oceanography (cont'd)

Wave Measurements

National Data Buoy Center and National Weather Service

<http://www.ndbc.noaa.gov/Maps/WestGulf.shtml>

Water Level Measurements and Forecasts for all Texas Bays (in local time)

Texas Water Development Board and Texas General Land Office

http://midgewater.twdb.state.tx.us/bays_estuaries/tides.html

Meteorology

National Weather Service Marine Forecasts (narrative)

Texas Coastal <http://tabs.gerg.tamu.edu/tglo/weather.php>

Louisiana Coastal <http://tabs.gerg.tamu.edu/tglo/weather.php?reg=la>

Gulf of Mexico Offshore <http://tabs.gerg.tamu.edu/tglo/weather.php?reg=off>

Measured Offshore Winds

National Data Buoy Center

<http://www.ndbc.noaa.gov/maps/WestGulf.shtml>