Gulf Strike Team: Capabilities and Support Services

General Response Capabilities

**Site Safety**
- Site assessment and characterization
- Site Safety Plan development and enforcement
- Safety protocol development and implementation
- Supervise/monitor contractors
- Hazard identification and establishment of work zones
- Air monitoring for primary & secondary hazards
- Multi-media sampling (air, water, soil)
- Weather monitoring
- Emergency Medical Technician support/medical monitoring/medical countermeasures for responders
- Secondary device awareness
- Isolate contaminated areas & support efforts to deny entry to unauthorized personnel

**Hazard Mitigation & Source Control**
- Level A, B, & C capabilities (full Hazmat team capable)
- Hazmat Entry, Backup and Decon
- Pre-staged equipment for threats of release
- Salvage contractor monitoring
- Safe salvage & transfer operations practices
- Vessel damage assessment and salvage and consultation

- Damage control assessment/assistance (railcars, containers, IMO tanks, tank trucks)
- Plugging/patching w/government owned/contracted equipment (and/or monitor contractors)
- Lightering/pumping w/government-owned/contracted equipment (and/or monitor contractors)
- Waste characterization, disposal advice and coordination

**Incident Command System Support**
- Provide/support mobile command post for communications and response management operations
- Commanding Officers can serve as incident specific FOSC
- Serve as FOSC representative
- Incident Command/response management support
- Logistical support, management, and coordination
- Evidence collection support
- Resource/cost documentation
- Modeling/trajectory - provide and use for decision making
Specialized Response Capabilities

**Biological Response**
- Personal Protective Equipment (PPE) to safely assess hazards
- Mitigate, control, and remove hazards
- Site assessment and characterization
- Multi-media sampling (air, water, soil) for laboratory analysis
- Presumptive on-site field testing and analysis
- Testing for initial response actions

**Chemical Response**
- PPE to safely assess hazards
- Mitigate, control, and remove hazards
- Containment
- Knowledge of alternative response technologies and NCP approved products, and procedures
- Remote sensing (e.g. infrared camera)

**Oil Spill Response**
- Dispersant use oversight & effectiveness monitoring (SMART)
- In-situ burn use oversight & effectiveness monitoring (SMART)
- Dewatering/de-ballasting w/government owned and contracted equipment
- Containment (open-water, near coastal, riverine, shoreline, tidal zone)
- Temporary storage of recovered oil/oiled waste
- Knowledge of alternative response technologies and NCP approved products, and procedures
- Vessel Damage Assessment and salvage consultation
- Remote sensing (e.g. infrared camera)
- Shoreline assessment with response and recovery recommendations
- Skimming operations w/government owned and contracted equipment
- Offshore containment w/government owned and contracted equipment

**Radiological Response**
- Conduct CG Level II Radiation Response
- Detection of alpha, beta, gamma and neutron radiation
- Specific substance/nuclide identification via direct survey instruments, reach-back capabilities with appropriate resources
- Direct personnel monitoring, real-time dosimetry
- Dose rate monitoring
- Support lead agencies for radiological monitoring
- PPE to safely assess hazard, identify safe zones
- Site assessment from safe zone location or within TDS parameters
- Site Safety Plan development and enforcement with Department of Energy (DOE) or health physicists
- Response action management including time, distance, shielding protocols

**Preparedness Support**
- Area Contingency Plan support
- FOSCR training seminar
- Cost documentation training
- PREP/AMSTEP exercise support
- Equipment deployment exercise support
Gulf Strike Team: Equipment Capabilities

**General Response Equipment:**
- 48’ Hazardous Material Response Trailer (HMRT)
- Hazardous Material Response ready load – Air Deployable
- Mobile Incident Command Posts
- 38’ Command and Control Trailer
- Tractor/trailer units
- All terrain vehicles
- 26’ Trailerable Aids to Navigation Boat (TANB)
- 18’ John boats
- Flood Punts
- Level A, B, and C protective suits
- CBRN respiratory equipment
  (NIOSH approved)
- Closed-circuit Self Contained Breathing Apparatus - Rebreathers
- Confined space entry and egress gear
- Decontamination suites
- Drum handling equipment
- Chlorine Institute Emergency “A”, “B”, and “C” kits
- Generators (3.0 to 10.0 KW)
- Portable air compressors
- GPS units
- Photo/Video equipment
- Weather Pak MTR – portable on-site, real-time weather data
- SkyScan Lightning Detectors
- Heat stress monitors
- Laser RangeFinder – Binoculars
- Sound Meters

**Hazardous Substance Monitoring/ Detecting Equipment:**
- MultiRAE - Multi-gas meters for toxic and explosive atmospheres
- AreaRAE - Networked remote atmospheric monitors
- DataFID LD - Portable Flame Ionization Detector (FID)
- Hazmat ID 360 – Enhanced portable chemical identifier
- First Defender RMX – Rapid identification of unknown chemicals
- Gas ID- Portable Gas & Vapor Identifier
- DataRAM 4 - Aerosol particulate monitor
- Hazard categorization kits
- Multi-media (air, soil, water) sampling gear
- WMD Sampling Kit
- SKC pumps
• Dräger Chip Management System (CMS)
• All necessary calibration equipment

**Chemical, Biological, Radiological & Nuclear Response Equipment:**
• ChemPro 100i - Field presumptive detection: chemical warfare agents (CWA)
• Dräger Civil Defense Set (CDS) Kit  
  o Field presumptive detection of CWAs
• 256 Kit (DoD)
• M-8 / M-9 paper (DoD)
• Rapid Assessment Initial Detection Kits (RAID) - Field presumptive detection for biological agents
• PM 1703 GN Radiation pagers – Coast Guard Level II gamma and neutron radiation detection
• Thermo IdentiFINDER U – Coast Guard Level II radiation isotope identifier
• Radiation Backpack – Coast Guard Level II gamma and neutron detection
• Ludlum 2241-3 – Detection of alpha, beta, and gamma radiation
• GammaRAE II – Intrinsically safe gamma radiation detection
• Neutron RAE II – Intrinsically safe gamma and neutron radiation detection
• TLD Badges – Personal radiation dosimeter which records total cumulative dose exposed over a year

**Oil Spill Response Equipment:**
• Vessel of Opportunity Skimming System (VOSS)
• Inflatable 45-inch boom (6,000 ft)
• Temporary Storage Devices (26,000 gallon Sea Slugs)
• C3 Fluorometer – Submersible monitor which detects effectiveness of SMART dispersant operations
• Ultra RAE 3000 – Handheld benzene compound-specific monitor
• Shoreline Assessment Clean-up Team (SCAT) Kits

**Damage Control Equipment:**
• Oil/Water interface meter
• Plugging and patching equipment

**Lightering and Pumping Equipment:**
• Submersible, high-capacity oil, chemical, and water pumps
• Non-submersible, diaphragm and peristaltic small / medium capacity oil, chemical, and water pumps
• Hydraulic prime movers & support equipment
• Viscous Oil Pumping System (VOPS)