

# BP GULF OF MEXICO REGIONAL OIL SPILL RESPONSE PLAN



**BP**  
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Houston, TX 77079

Developed by:

**The Response Group**  
*Emergency Response | Pre-Planning & Support*

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**4. ORGANIZATION**

**A. Qualified Individual/Incident Commander (QI/IC)**

Identification of Qualified Individuals is required under Section 311(j)(s)(c)(ii) of the Federal Water Pollution Control Act. The Qualified Individual representing BP will also serve as the Incident Commander as defined in the Oil Pollution Act of 1990 (OPA '90). In this capacity, the QI/IC has the responsibility and authority to:

•	Initiate spill cleanup operations.
•	Obligate any funds necessary to carry out all required and/or directed Oil Spill Response activities.
•	Activate and contract with required oil spill removal organizations.
•	Act as liaison with the Federal On-Scene Coordinator (FOSC).
•	Authorize immediate notification of Federal, State, and Local agencies.

For a complete listing of Qualified Individual duties see Figure 4-2. Refer to Figure 7-1 for a BP contact list of primary and alternate Qualified Individuals. Refer to Appendix B, training information, for a description of required training for Qualified Individuals/ Incident Commanders. Training records for Qualified Individuals, as well as other Incident Management Team Members, will be retained by BP for the time period specified by 30 CFR § 254.41.

**B. Incident Management Team (Incident Management Team – IMT)**

**Multi-Tiered Response Organization – Tactical Response Team**

BP's emergency response organization is designed to manage the response to any emergency involving BP's operations. It consists of three interfunctional tiers, each with its own response team, roles, and responsibilities. The first tier is the Tactical Response Team (TRT). The TRT is comprised of the highly trained personnel who initially respond to the incident and conduct the at-the-scene, hands-on tactical response operations. This team may include BP personnel (BP Strike Team), response contractors (OSROs), and government agency personnel (police and/or fire departments). Upon activation of an IMT, the TRT is integrated into and forms the bulk of the Operations Section of the IMT.

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**Multi-Tiered Response Organization – Incident Management Team**

BP's Incident Management Teams are primarily comprised of BP personnel; however, the IMT may include BP Americas Response Team members, government agency personnel, and/or contractors. The primary roles of the IMT are:

- to provide strategic direction to incident response operations
- support the TRT
- address issues best handled at the IMT level
- interface with/provide information to external parties.

The organizational structure of the IMT is based on NIMS ICS and operates within a tiered response framework, which allows for the mobilization of resources at varying levels as dictated by incident circumstances. IMT duties and responsibilities are illustrated in Figure 4-2.

Refer to Figure 4-1 for the BP IMT Organization Chart. The IMT Organization Chart is illustrated in Figure 7-1 while the names and phone numbers for IMT members are listed in Figure 7-6a.

**Multi-Tiered Response Organization – Business Support Team**

The third tier of BP's emergency response organization is the Business Support Team (BST). The BST has two basic responsibilities – to provide support to the IMT and to address ancillary issues that are related to the incident but fall outside the IMT's responsibility to manage the immediate incident. If an incident occurs that requires the activation of the GoM Incident Management Team, then Incident Commander, will contact and inform the BST Crisis Manager or alternate at the earliest opportunity, and they will determine if the BST should be activated. Examples of BST responsibilities include:

•	Identify potential resources for use by the IMT
•	Liaise with local government representatives to mitigate potential ramifications of the incident on current or future legislation
•	Serve as communication conduit between the IMT and the Group Crisis Team
•	Assist in any matters or issues as requested by the IMT, e.g. media inquiries, HR, press releases
•	Provide assistance and support to the Group Crisis Team in the development of the strategic response to the incident
•	IP Worksheet assessment or further assessment of incident potential

The BST is small in comparison to a typical IMT, consisting of up to nine advisors who work in support of the BST Business Support Manager. It is important to note that the BST does not give response directions to the IMT. However, it is the responsibility of the BST Business Support Manager to confirm the qualifications of the Incident Commander for leading the IMT and, if appropriate, to designate a new Incident Commander to lead the IMT.

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See **Appendix B**, Training Information, for a description of training provided to IMT members responsible for spill management decision making.

**C. Spill Response Operating Team (SROT) / Tactical Response Team (TRT)**

The BP Spill Response Operating Team (SROT) / Tactical Response Team (TRT) is comprised of a number of Oil Spill Removal Organizations (OSROs). The SROT duties include but are not limited to:

•	Ensuring the availability of trained personnel, services, and response equipment on a 24 hour per day basis.
•	Provide personnel, equipment, and materials of sufficient quality and recovery capacity to respond effectively to oil spills from the facilities and leases covered by this plan, including worst case scenarios.
•	Respond immediately upon notification of an oil spill and begin containment and recovery operations as soon as possible. Response time will be dependent upon spill location, weather conditions, and safety considerations.
•	Comply with annual training requirements for employees. See <b>Appendix B</b> for a description of training received by SROT members.
•	Refer to <b>Appendix D</b> , Contractual Agreements, for OSRO and SROT contract information.
•	For a listing of Oil Spill Removal Organizations (OSROs) that are members of the BP Spill Response Operating Team refer to <b>Figure 7-6a &amp; 7-6b</b> .

**D. Oil Spill Removal Organizations**

For a listing of oil spill removal organizations refer to **Figure 7-7**.

Primary Equipment Providers	
•	BP is a member of both the National Response Corporation (NRC) and the Marine Spill Response Corporation (MSRC) cooperatives. Membership provides for the use of NRC & MSRC equipment. Refer to <b>Appendix D</b> , Contractual Agreements, for information concerning contracts and/or agreements. Refer to <b>Appendix E</b> , Response Equipment, for an up-to-date inventory of NRC equipment and supplies.
•	See <b>Appendix F</b> , Support Services and Supplies, for a telephone list of support services that may be required in the event of a spill.

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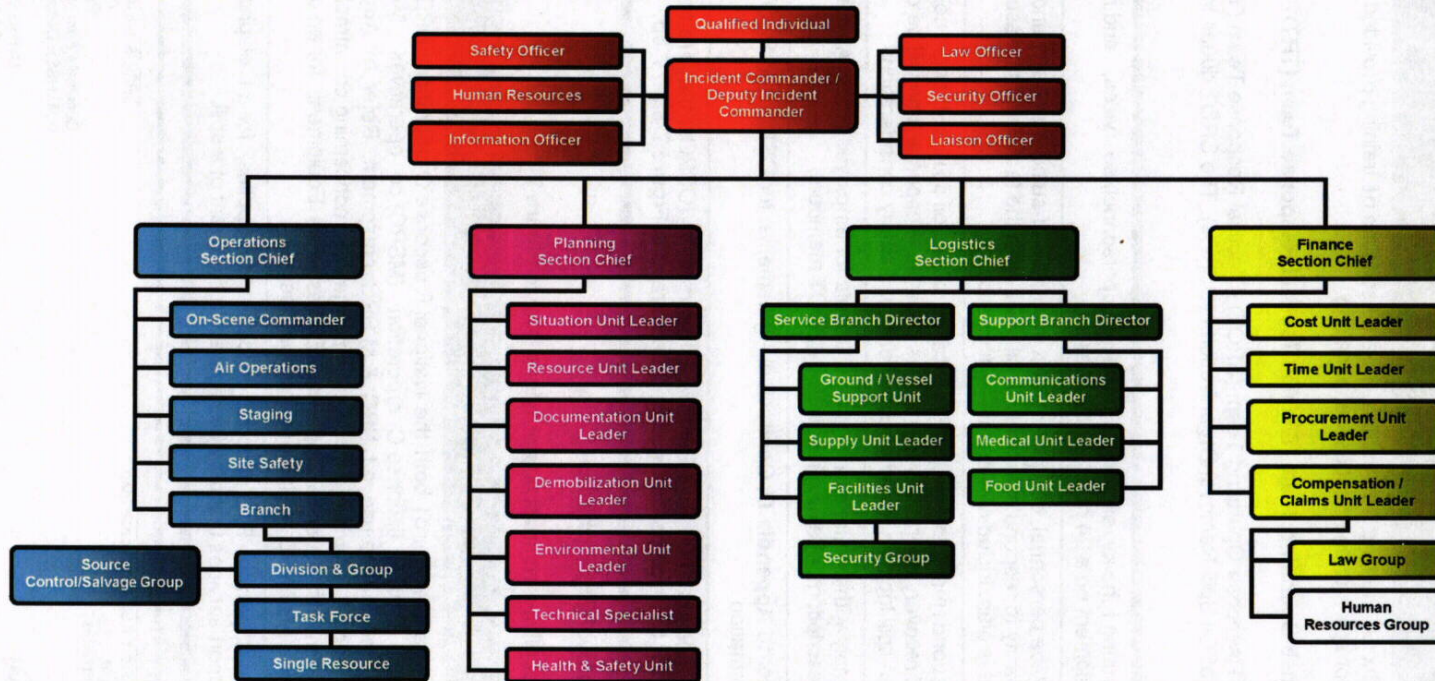


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Organization

Incident Management Team Organizational Structure

Figure 4-1



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**IMT Duties & Responsibilities Checklists**

Figure 4-2

<b>BP Incident Management Team Duties and Responsibilities Checklist</b>	
<b>INCIDENT COMMANDER (IC) (QUALIFIED INDIVIDUAL) (QI)</b>	
<i>Responsible for overall command and control of emergency response effort</i>	
*	<b>Response Actions</b>
	Review common responsibilities.
	Review Incident Commander responsibilities and serve in such capacity until IMT is activated and in place.
	Serve as initial point of contact for RP personnel in initial response.
	Assess incident situation and ensure appropriate response steps are being taken.
	Ensure adequate safety measures are in place.
	Ensure regulatory notifications have been completed.
	Establish appropriate communications with FOSC, SOSC and other federal and state officials, as appropriate.
	Oversee initial response actions.
	Notify and activate Oil Spill Removal Organizations as is appropriate.
	Obligate funds, as is appropriate, to support the conduct of incident response activities.
	Ensure activation of Incident Management Team and The Response Group is completed.
	Request maps and trajectories from The Response Group.
	Perform additional responsibilities as designated by BP.
	Review general ICS procedures and common responsibilities.
	Obtain a briefing from the prior IC (201 Briefing), if applicable.
	Determine Incident Objectives & general direction for managing the incident.
	Establish the immediate priorities.
	Establish an ICP.
	Brief Command Staff and General Staff.
	Establish an appropriate organization.
	Ensure planning meetings are scheduled as required.
	Approve and authorize the implementation of an IAP.
	Ensure that adequate safety measures are in place.
	Coordinate activity for all Command and General Staff.
	Coordinate and serve as primary on-site contact with key people and officials.
	Approve requests for additional resources or for the release of resources.
	Keep agency administrator informed of incident status.
	Approve the use of trainees, volunteers, and auxiliary personnel.
	Serve as primary spokesperson and authorize release of information to the news media.
	Ensure ICS 209 is completed and forwarded to appropriate higher authority.
	Order the demobilization of the incident when appropriate.
	Supervise incident response operations and ensure that they are carried out in a manner consistent with BP's policy, appropriate government directives, and the needs and concerns of impacted areas.
	Analyze incident potential.
	Serve as primary on-site contact person for BP senior management, government representatives, and BP partners.

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*	Response Actions (Cont'd)
	Ensure that source control and response operations are carried out safely and closely coordinated.
	Monitor and evaluate effectiveness of source control and response operations.
	Approve and authorize implementation of General Plan.
	Consider need for an alternate or backup person for extended (24 hour) coverage.

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**BP Incident Management Team  
Duties and Responsibilities Checklist**

**SAFETY OFFICER**

*Responsible for the overall safety of emergency response operations*

*	Response Actions
	Review general ICS procedures and common responsibilities.
	Participate in tactics and planning meetings, and other meetings and briefings as required.
	Identify hazardous situations associated with the incident.
	Review the IAP for safety implications.
	Provide safety advice in the IAP for assigned responders.
	Exercise emergency authority to stop and prevent unsafe acts.
	Investigate accidents that have occurred within the incident area.
	Assign assistants, as needed.
	Review and approve the medical plan (ICS Form 206).
	Develop the Site Safety Plan and publish a summary (ICS Form 208) as necessary.

**BP Incident Management Team  
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**LIAISON OFFICER**

*Responsible for assuming main point of contact role for regulatory agency involvement*

*	Response Actions
	Review general ICS procedures and common responsibilities.
	Be a contact point for Agency Representatives.
	Maintain a list of assisting and cooperating agencies and Agency Representatives, including name and contact information. Monitor check-in sheets daily to ensure that all Agency Representatives are identified.
	Assist in establishing and coordinating interagency contacts.
	Keep agencies supporting the incident aware of incident status.
	Monitor incident operations to identify current or potential inter-organizational problems.
	Participate in planning meetings, providing current resource status, including limitations and capability of assisting agency resources.
	Coordinate response resource needs for Natural Resource Damage Assessment and Restoration (NRDAR) activities with the OSC during oil and HAZMAT responses.
	Coordinate response resource needs for incident investigation activities with the OSC.
	Ensure that all required agency forms, reports and documents are completed prior to demobilization.
	Brief Command on agency issues and concerns.
	Have debriefing session with the IC prior to departure.
	Coordinate activities of visiting dignitaries.

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**PUBLIC INFORMATION OFFICER**

*Responsible for developing and releasing information about the incident and managing personnel issues due to accidents/injuries*

*	Response Actions
	Review general ICS procedures and common responsibilities.
	Determine from the IC if there are any limits on information release.
	Develop material for use in media briefings.
	Obtain IC approval of media releases.
	Inform media and conduct media briefings.
	Arrange for tours and other interviews or briefings that may be required.
	Manage a Joint Information Center (JIC) if established.
	Obtain media information that may be useful to incident planning.
	Maintain current information summaries and/or displays on the incident and provide information on the status of the incident to assigned personnel.

**BP Incident Management Team  
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**LEGAL OFFICER**

*The Legal Officer will act in an advisory capacity during an oil spill response*

*	Response Actions
	Review Common Responsibilities.
	Obtain briefing from the Incident Commander.
	Advise the Incident Commander (IC) and the Unified Command (UC), as appropriate, on all legal issues associated with response operations.
	Establish documentation guidelines for & provide advise regarding response activity documentation to the response team.
	Provide legal input to the Documentation Unit, the Compensation/Claims Unit, and other appropriate Units as requested.
	Review press releases, documentation, contracts & other matters that have legal implications for the Comp.
	Participate in Incident Command System (ICS) meetings and other meetings, as requested.
	Participate in incident investigations and the assessment of damages (including natural resource damage assessments).
	Maintain Individual/Activity Log (ICS Form 214a).

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**BP Incident Management Team  
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**HUMAN RESOURCES SPECIALIST**

*The Human Resources specialist is responsible for providing direct human resources services to the response organization, including ensuring compliance with all labor-related laws and regulations*

* Response Actions
Review general ICS procedures and common responsibilities.
Provide a Point Of Contact (POC) for incident personnel to discuss human resource issues.
Participate in daily briefings and planning meetings to provide appropriate human resource information.
Post human resource information, as appropriate.
Receive and address reports of inappropriate behavior, acts, or conditions through appropriate lines of authority.
Maintain Unit Log (ICS 214).

**BP Incident Management Team  
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**SOURCE CONTROL BRANCH**

*Source Branch Group is responsible for coordinating and directing all salvage/source control activities related to the incident*

* Response Actions
Review Common Responsibilities.
Review Division/Group Supervisor Responsibilities.
Coordinate the development of Salvage/Source Control Plan.
Determine Salvage/Source Control resource needs.
Direct and coordinate implementation of the Salvage/Source Control Plan.
Manage dedicated salvage/Source Control resources.
Maintain Unit/Activity Log (ICS Form 214).

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**OPERATIONS SECTION CHIEF**

*Responsible for management of all operations directly applicable to the response effort*

*	<b>Response Actions</b>
	Review Common Responsibilities.
	Obtain briefing from IC.
	Request sufficient Section supervisory staffing for both ops & planning activities.
	Convert operational incident objectives into strategic and tactical options through a work analysis matrix.
	Coordinate and consult with the PSC, SOFR technical specialists, modeling scenarios, trajectories, etc., on selection of appropriate strategies and tactics to accomplish objectives.
	Identify kind and number of resources required to support selected strategies.
	Subdivide work areas into manageable units.
	Develop work assignments and allocate tactical resources based on strategy requirements.
	Coordinate planned activities with the SOFR to ensure compliance with safety practices.
	Prepare ICS 234 Work Analysis Matrix with PSC to ensure Strategies & Tactics and tasks are in line with ICS 202 Response Objectives to develop ICS 215.
	Participate in the planning process and the development of the tactical portions (ICS 204 and ICS 220) of the IAP.
	Assist with development of long-range strategic, contingency, and demobilization plans.
	Supervise Operations Section personnel.
	Monitor need for and request additional resources to support operations as necessary.
	Coordinate with the LOFR and AREPs to ensure compliance with approved safety practices.
	Evaluate and monitor current situation for use in next operational period planning.
	Interact and coordinate with Command on achievements, issues, problems, significant changes special activities, events, and occurrences.
	Troubleshoot operational problems with other IMT members.
	Supervise and adjust operations organization and tactics as necessary.
	Participate in operational briefings to IMT members as well as briefings to media, and visiting dignitaries.
	Develop recommended list of Section resources to be demobilized and initiate recommendation for release when appropriate.
	Receive and implement applicable portions of the incident Demobilization Plan.
	Establish Command Network and communications protocol.
	Review and ensure the appropriateness of strategy and tactics being employed by On-scene Commander; provide necessary strategic direction.
	Provide Planning Section Chief or Situation Unit up-to-date information on nature and status of tactical response operations.
	Assist Planning Section Chief or Plan Development Unit preparing Incident Action Plan in Preparation of General Plan.
	Assist Planning Section Chief or Plan Development Unit preparing General Plan in preparation of General Plan.
	Ensure that Operations Section Personnel are aware of & follow BP safety policies, appropriate government agency directives, & Site Safety Plan.
	Ensure that concerns of government agencies & impacted citizens are adequately considered in formulation & execution of response strategies.
	Receive information from Planning Section Chief on location & movement of spilled or emitted materials.

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*	Response Actions (Cont'd)
	Work with Environmental Unit Leader Officers to develop an overall Shoreline Protection/Cleanup Strategy.
	Provide Information & Liaison Officers Updates on nature & status of tactical response operations.
	Ensure that appropriate documentation is compiled by On-scene Commander and forwarded to Planning Section Chief of Documentation Unit.

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**BP Incident Management Team  
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**RECOVERY AND PROTECTION BRANCH DIRECTOR**

*The Recovery and Protection Branch Director is responsible for overseeing and implementing the protection, containment and cleanup activities established in the IAP*

*	Response Actions
	Review common responsibilities
	Receive briefing from OSC/DOSC.
	Identify Divisions, Groups, and resources assigned to the Branch.
	Obtain briefing from person you are relieving.
	Ensure that Division Supervisors (DIVS) have a copy of the IAP.
	Implement IAP for Branch.
	Develop with subordinates alternatives for Branch control operations.
	Review Division/Group Assignment Lists (ICS 204) for Divisions/Groups within the Branch. Modify lists based on effectiveness of current operations.
	Assign specific work tasks to DIVS.
	Supervise Branch operations.
	Resolve logistic problems reported by subordinates.
	Attend planning meetings at the request of the OSC/DOSC.
	Ensure through chain of command that Resources Unit is advised of changes in the status of resources assigned to the Branch.
	Report to OSC/DOSC when: the IAP is to be modified; additional resources are needed; surplus resources are available; or hazardous situations or significant events occur.
	Approve accident and medical reports (home agency forms) originating within the Branch.
	Consider demobilization well in advance.
	Debrief with OSC/DOSC and/or as directed at the end of each shift.

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**STAGING AREA MANAGER**

*Responsible for managing all aspects of Staging Area(s) including safety and security*

*	Response Actions
	Review Common Responsibilities.
	Proceed to Staging Area.
	Establish Staging Area layout.
	Obtain briefing from person you are relieving, if applicable.
	Determine any support needs for equipment, feeding, sanitation and security.
	Establish check-in function as appropriate.
	Ensure security of staged resources.
	Post areas for identification and traffic control.
	Request maintenance service for equipment at Staging Area as appropriate.
	Respond to request for resource assignments. (Note: This may be direct from the OSC/DOSC or via the Incident Communications Center.)
	Obtain and issue receipts for radio equipment and other supplies distributed and received at Staging Area.
	Determine required resource levels from the OSC/DOSC.
	Advise the OSC/DOSC when reserve levels reach minimums.
	Maintain and provide status to Resource Unit of all resources in Staging Area.
	Maintain Staging Area in orderly condition.
	Demobilize Staging Area in accordance with the Incident Demobilization Plan.
	Debrief with OSC/DOSC or as directed at the end of each shift.

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**DISPOSAL GROUP**

*The Disposal Group Supervisor is responsible for coordinating the on-site activities of personnel engaged in collecting, storing, transporting, and disposing of waste materials*

*	Response Actions
	Review Division/Group Supervisor Responsibilities.
	Implement the Disposal Portion of the IAP.
	Ensure compliance with all hazardous waste laws and regulations.
	Maintain accurate records of recovered material.
	Maintain Unit/Activity Log (ICS Form 214).

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<b>WILDLIFE BRANCH DIRECTOR</b>	
<i>Responsible for minimizing wildlife losses during spill response operations</i>	
*	<b>Response Actions</b>
	Review Branch Director Responsibilities.
	Develop the Wildlife Branch portion of the IAP.
	Supervise Wildlife Branch operations.
	Determine resource needs.
	Review the suggested list of resources to be released and initiate recommendation for release of resources.
	Assemble and disassemble teams/task forces assigned to the Wildlife Branch.
	Report information about special activities, events, and occurrences to the OPS.
	Assist the Volunteer Coordinator in determining training needs of wildlife recovery volunteers.
	Maintain Unit/Activity Log (ICS Form 214).

<b>BP Incident Management Team Duties and Responsibilities Checklist</b>	
<b>PLANNING SECTION CHIEF</b>	
<i>Responsible for collection, evaluation of information about development of incident</i>	
*	<b>Response Actions</b>
	Review Common Responsibilities.
	Collect, process, and display incident information.
	Assist OSC in the development of response strategies.
	Supervise preparation of the IAP.
	Facilitate planning meetings and briefings.
	Assign personnel already on-site to ICS organizational positions as appropriate.
	Establish information requirements and reporting schedules for Planning Section Units (e.g., Resources, Situation).
	Determine the need for any specialized resources in support of the incident.
	Establish special information collection activities as necessary (e.g., weather, environmental, toxics, etc.).
	Assemble information on alternative strategies.
	Provide periodic predictions on incident potential.
	Keep IMT apprised of any significant changes in incident status.
	Compile and display incident status information.
	Oversee preparation and implementation of the Incident Demobilization Plan.
	Incorporate plans (e.g., Traffic, Medical, Communications, and Site Safety) into the IAP.
	Develop other incident supporting plans (e.g., salvage, transition, security).
	Assist Operations with development of the ICS 234 Work Analysis Matrix.
	Maintain Unit Log (ICS 214).
	<b>Advise Incident Commander on all environmental aspects of source control &amp; response operations, &amp; ensure compliance with environmental laws, regulations, &amp;/or government directives.</b>

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 Authority: Dan R. Replogle,  
 GoM EMS Mgmt Representative  
 Scope: GoM EMS  
 Issue Date: 12/01/00  
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*	Response Actions (Cont'd)
	Facilitate collection & retention of appropriate documentation.
	Ensure technical specialists are checked in & assigned to appropriate Units within IMT/TRT
	Environmentally sensitive areas, wildlife affected by incident, &/or status of protection efforts.
	Assist Information & Liaison Officers in responding to requests for information from media, government agencies, & other external parties.

BP Incident Management Team Duties and Responsibilities Checklist	
SITUATION UNIT LEADER	
<i>Responsible for collection and analysis of incident data to determine current status of unit activities (i.e., trajectory modeling, GIS information)</i>	
*	Response Actions
	Review Common Responsibilities.
	Review Unit Leader Responsibilities.
	Begin collection and analysis of incident data as soon as possible.
	Prepare, post, or disseminate resource and situation status information as required, including special requests.
	Prepare periodic predictions or as requested by the PSC.
	Prepare the Incident Status Summary Form (ICS Form 209).
	Provide photographic services and maps if required.
	Conduct situation briefings at the Command and General Staff Meetings, Tactics Meeting, Planning Meeting and Operations Briefing.
	Conduct situation briefings at other meetings/ briefings as required.
	Develop and maintain master chart(s)/map(s) of the incident.
	Maintain chart/map of incident in the common area of the ICP for all responders to view.
	Maintain Unit Log (ICS 214).

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<b>BP Incident Management Team Duties and Responsibilities Checklist</b>	
<b>RESOURCE UNIT LEADER</b>	
<i>Responsible for maintaining an accounting system indicating location and status of all resources</i>	
*	<b>Response Actions</b>
	Review Common Responsibilities.
	Review Unit Leader Responsibilities.
	Establish the check-in function at incident locations.
	Prepare Organization Assignment List (ICS Form 203) and Organization Chart (ICS Form 207).
	Prepare appropriate parts of Division Assignment Lists (ICS Form 204).
	Maintain and post the current status and location of all resources.
	Maintain master roster of all resources checked in at the incident.
	Review Resource Unit Leader Job Aid.
	Maintain Unit/Activity Log (ICS Form 214).

<b>BP Incident Management Team Duties and Responsibilities Checklist</b>	
<b>DOCUMENTATION UNIT LEADER</b>	
<i>Responsible for providing incident documentation, reviewing records for accuracy and storing documentation files</i>	
*	<b>Response Actions</b>
	Review Common Responsibilities.
	Review Unit Leader Responsibilities.
	Set up work area; begin organization of incident files.
	Establish duplication service; respond to requests.
	File all official forms and reports.
	Review records for accuracy and completeness; inform appropriate units of errors or omissions.
	Provide incident documentation as requested.
	Organize files for submitting final incident documentation package.
	Prepare ICS 231 Meeting Summary & ICS 233 Action Item Tracker.
	Maintain Unit/Activity Log (ICS Form 214).

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**BP Incident Management Team  
Duties and Responsibilities Checklist**

**TECHNICAL SPECIALISTS**

*Responsible for coordinating activities with appropriate consultants and contractors (i.e., NRDA reps, Scientific Support Coordinator, etc.)*

*	Response Actions
	Review Common Responsibilities.
	Provide technical expertise and advice to Command and General Staff as needed.
	Attend meetings and briefings to clarify and help to resolve technical issues.
	Provide expertise during the development of the IAP and other support plans.
	Work with the Safety Officer to mitigate unsafe practices.
	Work closely with Liaison Officer to help facilitate understanding among stakeholders and special interest groups.
	Be available to attend press briefings to clarify technical issues.
	Work with Operations Section to monitor compliance with planned actions.
	Research technical issues and provide findings to decision makers.
	Provide appropriate modeling and predictions as needed.
	Trouble shoot technical problems and provide advice on resolution.
	Review specialized plans and clarify meaning.
	Review THSP Job Aid.
	Maintain Unit Log (ICS 214).

**BP Incident Management Team  
Duties and Responsibilities Checklist**

**SOURCE CONTROL/SALVAGE DIRECTOR**

*Responsible for supervising at-the-scene source control operations.*

*	Response Actions
	Travel to incident scene; check in at Tactical Command Post (TCP); report to On-scene Commander
	Assist On-scene Commander in sizing up situation, and/or in developing solution(s) (i.e., a strategy) to address source control/salvage-related problem(s)
	Receive assignments from On-scene Commander
	Supervise at-the-scene source control/salvage operations
	Ensure health & safety of all at-the-scene source control/salvage personnel
	Brief personnel assigned to carry out source control/salvage-related tasks; ensure that assigned personnel have information and equipment they need to carry out tasks safely and effectively
	Account for all assigned personnel and equipment
	Maintain proper span-of-control
	Keep On-scene Commander informed about nature and status of source control/salvage operations
	Ensure that appropriate actions are taken to stop, isolate, and/or control source of incident
	Assess damage to affected facilities and take appropriate action(s) to minimize additional damage
	If necessary, identify location(s) of Branch-specific staging area(s)
	Provide Staging Area Manager information on resource needs
	Compile and maintain appropriate documentation

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**BP Incident Management Team  
Duties and Responsibilities Checklist**

**LOGISTICS SECTION CHIEF**

*Responsible for managing all incident logistics*

* Response Actions
Review Common Responsibilities.
Plan the organization of the Logistics Section.
Assign work locations and preliminary work tasks to Section personnel.
Notify the Resources Unit of the Logistics Section units activated including names and locations of assigned personnel.
Assemble and brief Branch Directors and Unit Leaders.
Determine and supply immediate incident resource and facility needs.
In conjunction with Command, develop and advise all Sections of the IMT resource approval and requesting process.
Review proposed tactics for upcoming operational period for ability to provide resources and logistical support.
Identify long-term service and support requirements for planned and expected operations.
Advise Command and other Section Chiefs on resource availability to support incident needs.
Provide input to and review the Communications Plan, Medical Plan and Traffic Plan.
Identify resource needs for incident contingencies.
Coordinate and process requests for additional resources.
Track resource effectiveness and make necessary adjustments.
Advise on current service and support capabilities.
Develop recommended list of Section resources to be demobilized and initiate recommendation for release when appropriate.
Receive and implement applicable portions of the incident Demobilization Plan.
Ensure the general welfare and safety of Logistics Section personnel.
Maintain Unit Log (ICS 214).
Work with Finance Section Chief to institute requisition procedure and provide the Finance Section Chief with copies of all Purchase Orders.
Ensure that an overall inventory and inventory management system is maintained of all equipment system is maintained of all equipment, materials, and supplies purchased, rented, borrowed, or otherwise obtained during incident response operations.
Ensure that records are maintained on equipment and services provided and contracts executed during incident response operations.
Provide Planning Section Chief or Resource Unit with up-to-date information on destination and ETA of all equipment and personnel resources obtained for incident response operations.
Assist Planning Section Chief or Plan Development Units in preparation of Incident Action Plans and General Plan.
Provide Operations Section Chief with recommendations on timing of release of logistics services and support personnel and equipment.

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**BP Incident Management Team  
Duties and Responsibilities Checklist**

**SERVICE BRANCH DIRECTOR**

*The Service Branch Director, when activated, is under the supervision of the LSC, and is responsible for the management of all service activities at the incident*

*	Response Actions
	Review Common Responsibilities.
	Obtain working materials.
	Determine the level of service required to support operations.
	Confirm dispatch of branch personnel.
	Participate in planning meetings of Logistics Section personnel.
	Review the IAP.
	Organize and prepare assignments for Service Branch personnel.
	Coordinate activities of Branch Units.
	Inform the LSC of branch activities.
	Resolve Service Branch problems.
	Maintain Unit/Activity Log (ICS Form 214).

**BP Incident Management Team  
Duties and Responsibilities Checklist**

**SUPPORT BRANCH DIRECTOR**

*Responsible for development of logistic plans in support of IAP for supply, facilities and transportation*

*	Response Actions
	Review Common Responsibilities.
	Obtain work materials.
	Identify Support Branch personnel dispatched to the incident.
	Determine initial support operations in coordination with the LSC and Service Branch Director.
	Prepare initial organization and assignments for support operations.
	Assemble and brief Support Branch personnel.
	Determine if assigned branch resources are sufficient.
	Maintain surveillance of assigned units work progress and inform the LSC of their activities.
	Resolve problems associated with requests from the Operations Section.
	Maintain Unit/Activity Log (ICS Form 214).

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**BP Incident Management Team  
Duties and Responsibilities Checklist**

**COMMUNICATIONS UNIT LEADER**

*Responsible for distribution, installation, maintenance, technical advice and overall Communication Plan for incident response operation*

*	Response Actions
	Review Common Responsibilities.
	Review Unit Leader Responsibilities.
	Determine Unit personnel needs.
	Prepare and implement the Incident Radio Communications Plan (ICS Form 205).
	Ensure the Incident Communications Center and the Message Center is established.
	Establish appropriate communications distribution/maintenance locations within the Base.
	Ensure communications systems are installed and tested.
	Ensure an equipment accountability system is established.
	Ensure personal portable radio equipment from cache is distributed per Incident Radio Communications Plan.
	Provide technical information as required on: - Adequacy of communications systems currently in operation. - Geographic limitation on communications systems. - Equipment capabilities/limitations. - Amount and types of equipment available. - Anticipated problems in the use of communications equipment.
	Supervise Communications Unit activities.
	Maintain records on all communications equipment as appropriate.
	Ensure equipment is tested and repaired.
	Recover equipment from units being demobilized.
	Maintain Unit/Activity Log (ICS Form 214).

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Regional Oil Spill Response Plan – Gulf of Mexico

Section 4  
Organization

**BP Incident Management Team  
Duties and Responsibilities Checklist**

**FINANCE SECTION CHIEF**

*Responsible for managing and supervising financial aspects of emergency response operations*

*	Response Actions
	Review Common Responsibilities.
	Participate in incident planning meetings and briefings as required.
	Review operational plans and provide alternatives where financially appropriate.
	Manage all financial aspects of an incident.
	Provide financial and cost analysis information as requested.
	Gather pertinent information from briefings with responsible agencies.
	Develop an operating plan for the Finance/Admin Section; fill supply and support needs.
	Determine the need to set up and operate an incident commissary.
	Meet with Assisting and Cooperating Agency Representatives, as needed.
	Maintain daily contact with agency(s) administrative headquarters on Finance/Admin matters.
	Ensure that all personnel time records are accurately completed and transmitted to home agencies, according to policy.
	Provide financial input to demobilization planning.
	Ensure that all obligation documents initiated at the incident are properly prepared and completed.
	Brief agency administrative personnel on all incident-related financial issues needing attention or follow-up prior to leaving incident.
	Develop recommended list of Section resources to be demobilized and initial recommendation for release when appropriate.
	Receive and implement applicable portions of the incident Demobilization Plan.
	Maintain Unit Log (ICS 214).

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Regional Oil Spill Response Plan – Gulf of Mexico

Section 4  
Organization

**BP Incident Management Team  
Duties and Responsibilities Checklist**

**PROCUREMENT UNIT LEADER**

*Responsible for managing all financial matters pertaining to vendors, contracts, leases and fiscal agreements*

*	Response Actions
	Review Common Responsibilities.
	Review Unit Leader Responsibilities.
	Review incident needs and any special procedures with Unit Leaders, as needed.
	Coordinate with local jurisdiction on plans and supply sources.
	Obtain the Incident Procurement Plan.
	Prepare and authorize contracts and land-use agreements.
	Draft memoranda of understanding as necessary.
	Establish contracts and agreements with supply vendors.
	Provide for coordination between the Ordering Manager and all other procurement organizations supporting the incident.
	Ensure that a system is in place that meets agency property management requirements. Ensure proper accounting for all new property.
	Interpret contracts and agreements; resolve disputes within delegated authority.
	Coordinate with the Compensation/Claims Unit for processing claims.
	Complete final processing of contracts and send documents for payment.
	Coordinate cost data in contracts with the Cost Unit Leader.
	Brief the Finance Section Chief on current problems and recommendations, outstanding issues, and follow-up requirements.
	Maintain Unit/Activity Log (ICS Form 214).

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**BP Incident Management Team  
Duties and Responsibilities Checklist**

**COMPENSATION / CLAIMS UNIT LEADER**

*The Compensation/Claims Unit Leader is responsible for the overall management and direction of all administrative matters pertaining to compensation for injury and claims related activities (other than injury) for an incident*

*	Response Actions
	Review Common Responsibilities.
	Review Unit Leader Responsibilities.
	Obtain a briefing from the Finance Section Chief.
	Establish contact with the incident MEDL, SOFR and NLO (or Agency Representatives if no NLO is assigned).
	Determine the need for Compensation for Injury and Claims Specialists and order personnel as needed.
	Establish a Compensation for Injury work area within or as close as possible to the Medical Unit.
	Review Incident Medical Plan. (ICS Form 206).
	Ensure that Compensation/Claims Specialists have adequate workspace and supplies.
	Review and coordinate procedures for handling claims with the Procurement Unit.
	Brief the Compensation/Claims Specialists on incident activity.
	Periodically review logs and forms produced by the Compensation/Claims Specialists to ensure that they are complete, entries are timely and accurate and that they are in compliance with agency requirements and policies.
	Ensure that all Compensation for Injury and Claims logs and forms are complete and routed to the appropriate agency for post-incident processing prior to demobilization.
	Keep the Finance Section Chief briefed on Unit status and activity.
	Demobilize unit in accordance with the Incident Demobilization Plan.
	Maintain Unit/Activity Log (ICS Form 214).

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**BP Incident Management Team  
Duties and Responsibilities Checklist**

**COST UNIT LEADER**

*Responsible for providing incident cost analysis*

*	Response Actions
	Review Unit Leader Responsibilities.
	Obtain a briefing from the Finance Section Chief.
	Coordinate with agency headquarters on cost reporting procedures.
	Collect and record all cost data.
	Develop incident cost summaries.
	Prepare resources-use cost estimates for the Planning Section.
	Make cost-saving recommendations to the Finance Section Chief.
	Ensure all cost documents are accurately prepared.
	Maintain cumulative incident cost records.
	Complete all records prior to demobilization.
	Provide reports to the Finance Section Chief.
	Maintain Unit/Activity Log (ICS Form 214).

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**6. SPILL DETECTION & SOURCE IDENTIFICATION & CONTROL**

**A. Spill Detection**

BP has a number of safety systems and practices in place to minimize the occurrence and subsequent impact of accidental releases. The systems are designed to alert operators with alarms in the event of a release. Platform operators are trained to respond to the various system alarms in order to identify and control releases immediately. The routine responsibilities that ensure oil spills will be detected and mitigated as soon as possible by platform operation personnel may include, but are not limited to the following:

•	Daily visual monitoring of all discharge points to ensure no presence of oil on the water.
•	Routine walk-through and monitoring of equipment and vessel pressures, temperatures, levels, etc. to ensure proper operation of all equipment at each facility.
•	Immediate response to alarms and signals that may indicate a possible release of oil.
•	Identify and shut off the source as soon as possible, taking safety into account.
•	Notify the BP Person in Charge as soon as possible to mitigate spill event.

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**B. Pipeline Spill Detection and Location**

All pipelines operated by BP are equipped with high and low pressure sensors. In the event of a change in pipeline pressure beyond a specified set point, the pressure sensors will trigger an alarm to the facility operator and /or shut down the pipeline. BP operators will perform the following procedures when alerted to a potential pipeline emergency:

•	Ensure that the pipeline pressure sensing equipment is not malfunctioning and note operating pressure.
•	Visually observe the water in the direction of the pipeline ROW for an oil release. In the event oil is observed on the water, initiate emergency notification procedures as outlined in the BP Oil Spill Response Plan.
•	In the event oil is not observed in the vicinity of the pipeline ROW, the operator will contact the sending and/or receiving facilities to determine the source of the abnormal pressure. In the absence of pressure problems at the sending and receiving facilities, the operator will assume a loss of pipeline containment and notify his/her immediate supervisor.
•	The supervisor will request an in-field inspection of the pipeline ROW in question via boat or helicopter to find the source of the suspected leak. In the absence of BP boats or helicopters, assistance may be requested from other area operators.
•	In the event oil is discovered on the water, the BP Oil Spill Response Plan will be activated.
•	In the event a leak is not found, an investigation into the cause of the pressure change will continue until determined.

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C. Source Control

BP operators have been trained to respond to spill events according to severity at each. Source control will be maintained with the following systems and procedures:

- |   |   |
|---|---|
| • | BP facilities are equipped with Emergency Support Systems (ESS) as required by 30 C FR 250 and A PI RP 14C (i.e., sumps, gas/fire detection, subsurface safety control valves, emergency shutdowns, etc.). The systems operate by alarming facility operator(s) and automatically shutting down individual processes or the entire platform.  |
| • | In the event the incident scenario does not allow automatic control, the operator has the flexibility to control a release by manually engaging ESS devices or closing valves, etc. provided that the personnel are not exposed to the released substances.   |
| • | In the event the spill source cannot be controlled by the facility operator or remotely with a safety system, BP will activate the Oil Spill Response Plan and assemble a team of technical experts to respond to the situation. The team will be comprised of personnel familiar with the facility including production superintendents, foremen, facility engineers, and production and/or drilling engineers. The Deputy Incident Commander or Operations Section Chief will be responsible for monitoring information produced by the team, as well as their progress, and reporting the results to the Incident Commander. |

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APPENDIX F – SUPPORT SERVICES & SUPPLIES

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GoM HSSE Document Mgmt Administrator  
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Regional Oil Spill Response Plan – Gulf of Mexico

Appendix F  
Support Services  
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**Air Emergency Care**

Contact	Phone	Alt.	Fax
Air Care – Toll Free	1-800-382-4006		
Air Care - West Jefferson Hospital	1-800-382-4006		
Acadian Ambulance Service	1-800-259-3333	1-866-389-2144	
Acadian Ambulance Service – ERA Helicopters	1-800-259-3333	337-291-3333	

**Wildlife Rehabilitation**

Contact	Phone	Alt.	Fax
Wildlife Rehabilitation & Education	713-861-WILD	713-254-5724	
International Bird Rescue Research Center	707-207-0380	310-514-2573 907-230-2492	

**Poison Control**

Contact	Phone	Alt.	Fax
Poison Control Center (Galveston)	1-800-764-7661	409-766-4403	409-772-3917

**Fatalities (or 3 or more hospitalized)**

Contact	Phone	Alt.	Fax
OSHA	1-800-321-OSHA	281-286-0583	

**Louisiana Coroners**

Cameron Parish Coroner	337-775-5102		
Iberia Parish Coroner	337-364-4507		
Jefferson Parish Coroner	504-365-9100		
LaFourche Parish Coroner	985-537-7055		
Plaquemines Parish Coroner	504-394-3330		
St. Bernard Parish Coroner	504-277-8941		
St. Mary Parish Coroner	985-384-9964		
Terrebonne Parish Coroner	985-873-6440		
Vermillion Parish Coroner	337-893-7950		

**Texas Coroners**

Galveston County Coroner	409-935-9274		
Jefferson County Coroner	409-726-2571		

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<b>Hospitals</b>			
<b>Contact</b>	<b>Phone</b>	<b>Alt.</b>	<b>Fax</b>
Ochsner Foundation Hospital New Orleans, LA	504-842-3900		
West Jefferson Marrero, LA	504-347-5511		
Teche Medical Center (formerly Lakewood Medical Ctr.) Morgan City, LA	985-384-2200		
Terrebone General Hospital Houma, LA	985-873-4141	1-800-256-8377	
Lafayette General Hospital Lafayette, LA	337-289-8088		
University of TX Medical Branch Galveston, TX	409-772-1011		
Abbeville General Hospital Abbeville, LA	337-893-5466	337-898-6500	
North Bay Hospital Aransas Pass, TX	361-758-8585		
Baptist Hospital of Southeast Texas Beaumont, TX	409-835-3781		
St. Elizabeth Hospital, Beaumont, TX	409-892-7171		
Christus Spohn Hospital Memorial, Corpus Christi, TX	361-902-4000		
Methodist Hospital (Burn Unit), Houston, TX	713-790-3311		
Brazosport Memorial Hospital, Lake Jackson, TX	979-297-4411		
Park Place Hospital, Port Arthur/Groves/Port Lavaca, TX	409-983-4951	409-985-0346	409-983-6152
St. Mary Hospital Port Arthur/Groves/Port Lavaca, TX	409-985-7431	409-989-5124	
Memorial Medical Center, Port Arthur/Groves/Port Lavaca, TX	361-552-6713		
Mainland Medical Center, Texas City, TX	409-938-5000	409-938-5112	
Citizens Memorial Hospital, Victoria, TX	361-573-9181		
Detar Hospital, Victoria, TX	361-545-7441	361-573-6100	

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**Hospitals (Cont'd)**

Contact	Phone	Alt.	Fax
Victoria Regional Medical Center, Victoria, TX	361-573-6100		
Baton Rouge General Medical Center, Baton Rouge, LA	225-387-7000	225-763-4000	
Acadia-St. Landry Hospital, Church Pointe, LA	337-684-5435		337-684-5449
American Legion Hospital Crowley, LA	337-783-3222	337-788-4007	
Lady of the Sea Hospital, Galliano, LA	985-632-6401	985-632-8256	985-632-8263
Terrebonne General Medical Center, Houma, LA	985-873-4141	985-873-4150	
Christus St. Patrick Hospital, Lake Charles, LA	337-436-2511		337-491-7157
West Jefferson Medical Center, Marrero, LA	504-347-5511	504-349-1533	
Lakewood Hospital, Morgan City, LA	504-384-2000	504-384-2200	
Lady of the Lake Assumption, Napoleonville, LA	985-369-3600		
Dauterive Hospital, New Iberia, LA	337-365-7311		
Mercy Baptist Medical Center, New Orleans, LA	504-899-9311		
Memorial Medical Center, New Orleans, LA	504-483-5000		
Pendelton Memorial Methodist Hos. New Orleans, LA	504-244-5100		
Touro Infirmary New Orleans, LA	540-897-7011		
St. Claude Medical Center Hospital New Orleans, LA	504-948-8200		504-949-0298
Plaquemines Parish Comprehensive Care Center Port Sulphur, LA	985-564-3344	985-564-3338	
West Calcasieu-Cameron Hospital Sulphur, LA	337-527-7034		
Thibodeaux Regional Medical Cent. Thibodeaux, LA	985-477-5500	1-800-822-8442	985-449-4600

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<b>Hospitals (Cont'd)</b>			
University of S. AL Medical Center, Mobile, AL	251-471-7000	251-471-7300	251-470-1672
<b>Helicopter / Air Services</b>			
Contact	Phone	Alt.	Fax
Air Logistics	985-395-6191		
Petroleum Helicopters, Inc.	337-235-2452	1-800-235-2452	
ERA Helicopter Services	1-800-655-1414	337-478-6131	
<b>Aerial Dispersant Spraying</b>			
Contact	Phone	Alt.	Fax
Airborne Support, Inc.	985-851-6391		985-851-6393
<b>Weather</b>			
Contact	Phone	Alt.	Fax
Wilkins Weather Technologies	713-430-7100	1-800-503-5811	
National Weather Service Dickinson, TX	281-337-5074		
National Weather Service Lake Charles, LA	337-477-5285		
<b>Waste Disposal</b>			
Contact	Phone	Alt.	Fax
Newpark Environmental Services, Inc.	337-984-4445		
Omega Waste Management, Inc.	985-399-5100	1-888-419-5100	985-399-7963
U.S. Liquids	337-824-3194		337-824-3147
<b>Technical Support</b>			
Contact	Phone	Alt.	Fax
<b>A. Biological and Chemical</b>			
Acculab, Inc. Marrero, LA	504-371-8557	1-800-291-1294	504-371-8560
Analysis Laboratories, Inc. Metairie, LA	504-889-0710		
Eurofins Central Analytical Laboratory (CAL) Metairie, LA	504-297-3400		504-297-3410
Coastal Environment Baton Rouge, LA	225-383-7451		225-383-7925
EDI Environmental Services Lafayette, LA	337-264-9810		337-264-9816

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<b>Technical Support (Cont'd)</b>			
<b>Contact</b>	<b>Phone</b>	<b>Alt.</b>	<b>Fax</b>
<b>A. Biological and Chemical (Cont'd)</b>			
Enviro-Lab, Inc. Houma, LA	985-876-5668		
Fugro Consultants (formerly Gulf Coast Testing) Corpus Chirsti, TX	361-882-5411		
Sherry Labs Lafayette, LA	337-235-0483	1-800-737-2378	337-233-6540
Jordan Labs Corpus Christi, TX	361-884-0371		361-884-9116
Louisiana Geological Survey Baton Rouge, LA	225-578-5320		225-578-3662
Severn Trent Laboratories Corpus Christi, TX	361-289-2673		
Southern Flow Companies, Inc. Belle Chasse, LA	504-394-9440		
Southern Petroleum Laboratory (SPL) Scott, LA	1-800-304-5227		
Texas A&M Dept. of Biology College Station, TX	979-845-7747		979-845-2891
<b>B. Blowout and Firefighting</b>			
<b>Firefighting Boats</b>			
Edison Chouest Offshore, Inc. Galliano, LA	985-601-4444		985-601-4237
Cudd Pressure Control Houston, TX	713-877-1118	1-800-899-1118	713-877-8961
Cudd Pressure Control Robstown, TX	361-387-8521	1-800-762-6557	
Danos & Curole Larose, LA	985-693-3313		985-693-4698
Global Industries Carlyss, LA	337-583-5000		337-583-5100
Power Offshore Services Harvey, LA	504-394-2900		
Tetra Marine, Inc. Belle Chasse, LA	504-394-3506		
<b>Firefighting Experts</b>			
Boots & Coots Houston, TX	281-931-8884	1-800-BLOWOUT	281-931-8302
Cudd Pressure Control Houston, TX	713-877-1118	1-800-899-1118	713-877-8961

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Regional Oil Spill Response Plan – Gulf of Mexico

Appendix F  
Support Services  
& Supplies

<b>Technical Support (Cont'd)</b>			
<b>Contact</b>	<b>Phone</b>	<b>Alt.</b>	<b>Fax</b>
<b>B. Blowout and Firefighting (Cont'd)</b>			
<b>Firefighting Experts (Cont'd)</b>			
Wild Well Control Houston, TX	281-784-4700		281-784-4750
Williams Fire & Hazard Control Houston, TX	281-999-0276 409-727-2347		
<b>C. Catering Service</b>			
Energy Catering Houma, LA	985-876-6255		
ESS Support Services Lafayette, LA	337-233-9153	1-877-387-3781	337-233-9156
Universal Sodexho Harahan, LA	504-733-5761	1-800-352-5808	
<b>D. Communications</b>			
Able Communications Pearland, TX	281-485-4228	713-749-0922	
ATN Signals, Inc. Alvin, TX	281-331-4444	1-800-284-1558	
Auto Com Lafayette, LA	337-232-9610	1-800-284-1840	
Caprock Services Lafayette, LA	337-988-7480	337-988-7489	
Coastel Communications Lafayette, LA	337-989-0444		
PetroCom Lafayette, LA	1-800-233-8372	504-734-6190	
Stratos Global Corp. Lafayette, LA	1-800-375-4000	337-761-2000	
Sola Lafayette, LA	337-232-7039	1-800-252-3086	
Stratos Oil & Gas Lafayette, LA	1-800-375-1562	337-234-3438	
Stratos Telecom, Inc. Morgan City, LA	985-384-3737		
Tomba Communications Metairie, LA	504-340-2448	504-349-4040	504-349-4083
Victoria Communications Services, Inc. Victoria, TX	361-575-7417		361-575-2369

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**Technical Support (Cont'd)**

Contact	Phone	Alt.	Fax
<b>E. Diving Companies</b>			
Helix Energy Solutions (formerly Cal Dive International) Houston, TX	281-618-0400	713-361-2600	713-361-2690
Helix Energy Solutions New Iberia, LA	337-374-0001	1-877-361-2600	713-361-2690
Epic Companies Harvey, LA	504-340-5252		504-340-5416
Global Divers & Contractors, Inc. Houma, LA	337-583-5000	1-800-256-7587	
SubSea 7 Belle Chasse, LA	504-656-0147		
Oceaneering International, Inc. Morgan City, LA	985-395-5247		985-395-5443
Professional Divers of New Orleans Morgan City, LA	985-395-5247		985-395-5443
Russell-Veteto Engineering Corpus Christi, TX	361-887-8851		361-887-8855
Acergy Houston, TX	713-430-1100		713-461-0039
Underwater Services Corpus Christi, TX	800-372-6271	361-758-7487	361-758-7796
<b>F. Drilling Companies</b>			
Global Industries / Pelican Trans. Lafayette, LA	337-989-0000		
Noble Drilling Sugarland, TX	281-276-6100		281-491-2092
Rowan Companies, Inc. Houston, TX	713-621-7800		
Trans Ocean Houston, TX	713-232-7500	1-800-231-5754	281-925-6010
Diamond Offshore Drilling Inc., Houston, TX	281-492-5300	1-800-848-1980	281-492-5316
Marine Drilling Company, Houston, TX	713-789-1400		713-789-1430
<b>G. Marine Contractors (Construction)</b>			
Brown & Root Houston, TX	713-676-3011		
Crain Bros. Inc. Grand Chenier, LA	337-538-2411		337-538-2700

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Regional Oil Spill Response Plan – Gulf of Mexico

Appendix F  
Support Services  
& Supplies

**Technical Support (Cont'd)**

Contact	Phone	Alt.	Fax
<b>G. Marine Contractors (Construction) (Cont'd)</b>			
Diamond Services Morgan City, LA	985-631-2187	1-800-879-1162	985-631-2442
Garrett Construction Co. Ingleside, TX	361-643-7575		361-776-7575
Global Industries Houma, LA	985-876-7592	1-800-256-7587	
Halliburton Houston, TX	281-575-3000		
J. Ray McDermott Engineering Houston, TX	281-870-5000	985-631-2561	
King Fisher Marine Service Port Lavaca, TX	361-552-6751		361-552-1200
Raymond Dugat Co. Portland, TX	361-776-7300		361-776-3990
<b>H. Oil Spill Equipment / Consultants / Contractors</b>			
American Pollution Control New Iberia, LA	337-365-7847	1-800-482-6765	337-365-8890
ASCO L&L Environmental Services, Lake Charles, LA	1-800-207-SPIL (7745)	337-436-3674	
Boots & Coots Houston, TX	281-931-8884	1-800-BLOWOUT	281-931-8302
Clean Gulf Associates New Orleans, LA	1-888-242-2007	504-299-3035	504-799-3036
Du-Tex, Inc. Corpus Christi, TX	361-887-9807	1-888-887-9807	361-887-0812
Environmental Equipment, Inc. Houma, LA	985-868-3100		
The O'Brien's Group Slidell, LA	985-781-0804		985-781-0580
ES&H Environmental Consulting, Svcs. Houma, LA	985-851-5350	887-437-2634	985-853-1978
Gamer Environmental Services Deer Park, TX	281-930-1200	1-800-424-1716	281-478-0296

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**Technical Support (Cont'd)**

Contact	Phone	Alt.	Fax
<b>H. Oil Spill Equipment / Consultants / Contractors (Cont'd)</b>			
Grand Isle Shipyards (GIS) Grand Isle, LA	985-787-2801		985-787-2141
Industrial Cleanup Incorporated Garyville, LA	985-535-3174	1-800-436-0883	
Miller Environmental Corpus Christi, TX	361-289-9800	1-800-929-7227	361-289-6363
MSRC / CGA Lake Charles, LA	1-888-242-2007		
National Response Corporation	1-800-899-4672	631-224-9141	631-224-9082
Oil Mop Oil Spill Control Corpus Christi, TX	361-882-2656	1-800-645-6671	
Phillips Services (PSC) Morgan City, LA	985-575-3434	1-877-772-6693	
The Response Group, Inc.	281-880-5000	1-800-651-3942	281-880-5005
United States Environmental Services, L.L.C.	1-888-279-9930	504-279-9930	504-566-8309
<b>I. Photography</b>			
Jim Hebert Photography Raceland, LA	985-537-5305		
Petris Technology Houston, TX	713-956-2165		
<b>J. Portable Tanks</b>			
Baker Tanks Geismar, LA	225-677-8763	225-744-4774	225-673-8001
Diamond Tank Rentals Intracoastal, LA	337-893-9317	1-800-960-0065	337-893-7882
Dragon Products, Ltd. Beaumont, TX	409-833-2665	1-800-231-8198	409-833-3170
Gulfstream Houma, LA	985-868-0303	1-800-821-8454	985-872-3423
Magnum Mud Equipment Houma, LA	985-872-1755	1-800-200-8265	985-872-1786
Neff Rental Company Gaismer, LA	225-647-6333	1-800-709-6333	
Houma, LA	985-868-9138		
Lafayette, LA	337-237-6318		
Lake Charles, LA	337-494-0673		
New Orleans, LA	504-340-0061		
Morgan City, LA	985-384-7571		

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<b>Technical Support (Cont'd)</b>			
<b>Contact</b>	<b>Phone</b>	<b>Alt.</b>	<b>Fax</b>
<b>J. Portable Tanks (Cont'd)</b>			
New Iberia, LA	337-364-3631		
Venice, LA	504-466-1200		
<b>K. Public Relations Consultants</b>			
Brown, Nelson & Associates, Incorporated Houston, TX	713-784-6200		832-201-0858
Media Consultants, Inc. Sugarland, TX	281-980-1400		
<b>L. Sampling Services</b>			
ARS Port Allen, LA	800-401-4277	225-381-2991	225-381-2996
B – Environmental Victoria, TX	361-572-8224		
<b>M. Spill Tracking / Trajectories</b>			
The Response Group, Inc. Houston, TX	281-880-5000	1-800-651-3942	281-880-5005
NOAA Seattle, WA	206-526-4548	504-589-6271	206-526-6329
<b>N. Surveyors</b>			
C.H. Fenstermaker & Ass. Lafayette, LA	337-237-2200		337-232-3299
John E. Chance & Ass. Lafayette, LA	337-237-1300		
<b>O. Transportation - Air</b>			
<b>Airplanes / Airports</b>			
Galveston Municipal Airport Galveston, TX	409-741-4609		409-741-4604
Hammond Municipal Airport Hammond, LA	985-227-5667		985-227-5669
Hammond Air Service Houma, LA	985-876-0584	1-877-872-1423	
Houma / Terrebonne Airport Commission Houma, LA	985-872-4646		985-876-4115
New Orleans Downtown Heliport New Orleans, LA	504-586-0055		504-566-1632
New Orleans International Airport New Orleans, LA	504-464-0831		504-465-1264
Paul Fourmet Air Service Lafayette, LA	337-237-0520		337-237-0520

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<b>Technical Support (Cont'd)</b>			
<b>Contact</b>	<b>Phone</b>	<b>Alt.</b>	<b>Fax</b>
<b>O. Transportation – Air (Cont'd)</b>			
<b>Airplanes / Airports (Cont'd)</b>			
Southern Sea Plane, Inc. New Orleans, LA	504-394-5633		504-394-8458
Airborne Support, Inc. Houma, LA	985-851-6391		985-851-6393
Air Response (C-54 Aircraft) Mesa, AZ	480-844-0800		
Biegert Aviation, Inc. Chandler, AZ	520-796-2400		
Lynden Air Cargo, LLC Anchorage, AK	888-243-7248	1-800-770-6150	907-257-5124
Serus- Alaska Pipeline Valdez, AK	907-834-6902		
US Air Force Reserve Vienna, OH	330-856-3171		
US Coast Guard Air Station Clearwater, Clearwater, FL	727-535-1437		
<b>Fixed Wing Aircraft</b>			
Hammonds Air Service Houma, LA	985-876-0584	1-877-872-1423	
Petroleum Helicopters, Inc. Morgan City, LA	337-235-2452	1-800-235-2452	337-232-6537
<b>Helicopters</b>			
Air Logistics Galveston, TX	409-740-3546		409-740-1676
Houma, LA	985-851-6232		985-868-1091
Abbeville, LA	337-893-8631		337-893-0392
New Iberia, LA	337-365-6771	1-800-365-6771	337-364-8222
Patterson, LA	985-395-6191		985-395-3745
Rock Port, TX	361-727-1116		361-727-1662
Sabine, TX	409-971-2805		409-971-2548
Venice, LA	985-534-7481		985-534-7790
ERA Cameron, LA	337-775-5574		337-775-7421

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<b>Technical Support (Cont'd)</b>			
<b>Contact</b>	<b>Phone</b>	<b>Alt.</b>	<b>Fax</b>
<b>O. Transportation – Air (Cont'd)</b>			
<b>Helicopters (Cont'd)</b>			
ERA Golden Meadow, LA	985-396-2285		985-396-2758
Houma, LA	985-868-0817		985-868-0878
Lake Charles, LA	337-478-6131	1-800-655-1414	337-474-3918
Evergreen Helicopters Galveston, TX	409-740-7732		
Port O' Conner, TX	361-983-4111		
Venice, LA	985-534-2230		
Houston Helicopters, Inc. Pearland, TX	281-485-1777		281-485-3701
Industrial Helicopters Corpus Christi, TX	337-233-3356		
Panther Helicopters Belle Chasse, LA	504-394-5803		504-394-5869
Petroleum Helicopters, Inc.			
Fourchon, LA	985-396-2350		
Galveston, TX	409-744-6419		
Houma, LA	985-868-1705		
Lafayette, LA	337-235-2452	1-800-235-2452	337-232-6537
Morgan City, LA	985-631-2131		
New Orleans, LA	504-733-7673		
Port O' Connor, TX	361-983-2942	361-729-1559	
Sabine Pass, TX	409-971-2455		
Buras, LA	985-534-2631		
<b>P. Transportation – Land - Trucking</b>			
<b>Bus Lines</b>			
Howard Coaches, Inc. New Orleans, LA	504-944-0253		
Kerrville Bus Coach, USA Lafayette, LA	337-234-1392		
<b>Oilfield Equipment Haulers</b>			
Ace Transportation, Inc.	337-837-4567		
Harvey, LA	1-800-654-4236	504-362-9181	
Houma, LA	1-800-654-4235	985-879-2482	
Victoria, TX	1-800-426-6401	361-572-8646	
Acme Truckline Patterson, LA	985-395-9283		

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Contact	Phone	Alt.	Fax
<b>P. Transportation – Land (Cont'd)</b>			
<b>Oilfield Equipment Haulers (Cont'd)</b>			
Acme Truckline Beaumont, TX	1-800-456-2263	409-842-0509	
Belle Chasse, LA	1-800-825-4789	504-367-3200	
Cameron, LA	1-800-775-2263	377-775-7102	337-775-7103
Groves, TX	409-962-8591		409-963-1880
Houma, LA	1-800-274-2263	985-868-7600	985-868-7605
Houston, TX	713-674-7070	1-800-777-4786	713-674-0718
Lafayette, LA	1-888-844-2263	337-593-1210	337-289-5264
Lake Charles, LA	337-439-9830	1-800-727-2263	337-439-5853
Morgan City, LA	1-800-365-2263	985-395-9283	985-395-9773
Future Freightways Houston, TX	713-780-1180		
King Trucking, Inc. Amelia, LA	985-631-0525		985-631-3330
Whitney / Lonestar Transportation Corpus Christi, TX	361-241-0633	1-800-242-1085	
Packard Truck Lines, Inc. Belle Chasse, LA	504-392-9994	504-393-9955	504-392-5311
QV Services, Inc. Hallettsville, TX	361-578-9975		
QV Services, Inc. Victoria, TX	361-578-9975		
Ray Bellow and Sons, Inc. Houston, TX	713-991-0390	1-800-231-4284	713-991-0407
Service Offshore, Inc. Abbeville, LA	337-893-6843	337-235-6496	
Specialized Waste Systems, Inc. Houston, TX	713-452-1735		
Tetra Technologies, Inc. The Woodlands, TX	281-367-1983		281-364-4398
Texas Hot Shot Houston, TX	281-227-1233	281-227-2777	
Kilgore, TX	903-984-5022		
Venture Transport, Inc. Lafayette, LA	337-291-6700		
Houston, TX	713-678-7700		
Walker Trucking Houma, LA	713-688-8400	1-800-880-5669	713-688-8484

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Technical Support (Cont'd)			
Contact	Phone	Alt.	Fax
<b>Q. Transportation - Marine</b>			
<b>Vessels</b>			
Adams Towing Morgan City, LA	985-384-1752		
AMC Golden Meadow, LA	985-475-5077		
Aries Marine Corporation Lafayette, LA	337-232-0335	337-856-9015	337-856-7380
Atlas Boats, Inc. Belle Chasse, LA	504-391-0192		
B&C Boat Rentals Golden Meadow, LA	985-475-5543		
B&J Martin, Inc. Cutoff, LA	985-632-2727		
Barnett Marine, Inc. Belle Chasse, LA	504-394-6055		
Broussard Brothers, Inc. Abbeville, LA	337-893-5303	1-800-299-5303	337-893-7148
Brown Water Marine Services, Inc. Rockport, TX	361-729-3721		361-729-0332
Bud's Boat Rentals Venice, LA	985-534-2394		985-534-2877
C&E Boat Rental Cutoff, LA	985-632-6166		985-632-4109
Abdon Callais Offshore, Inc. Golden Meadow, LA	985-475-7111	1-800-632-3411	
Harvey Canal Bridge Harvey, LA	985-532-2865		
Cameron Offshore Boats, Inc. Cameron, LA	337-775-5505		
Candy Fleet Morgan City, LA	985-384-5835		
Cenac Towing Co., Inc. Houma, LA	985-872-2413		
Central Boat Rental, Inc. Berwick, LA	985-384-8200		
Crew Boats, Inc. Chalmette, LA	504-277-8201		
Edison Chouest Offshore Galliano, LA	985-601-4444		

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<b>Technical Support (Cont'd)</b>			
<b>Contact</b>	<b>Phone</b>	<b>Alt.</b>	<b>Fax</b>
<b>Q. Transportation – Marine (Cont'd)</b>			
<b>Vessels (Cont'd)</b>			
Ensco Marine Company Broussard, LA	337-837-8500	1-800-423-8006	
Harvey Gulf International Harvey, LA	504-348-2466		504-348-8060
Kilgore Offshore Spring, TX	281-364-6942		
Kim Susan, Inc. Larose, LA	985-693-7601	985-693-762	
Hornbeck Offshore (formerly Leevac Marine, Inc.) Mandeville, LA	985-727-6945	985-727-2000	985-727-2006
L&M Bo Truck Rental Golden Meadow, LA	985-475-5733		985-475-5669
Louisiana International Marine Gretna, LA	504-392-8670	1-800-286-2376	504-391-0389
Lytal Marine Lockport, LA	985-532-5561	1-800-245-9825	985-532-2028
Marine Transportation Service, Inc. Panama City, FL	850-769-1459	1-800-874-2839	
Masco Operators, Inc. Freeport, TX	979-233-4827		979-233-4422
McDonough Marine Service New Orleans, LA	504-780-8100	1-800-227-4348	504-780-8200
Third Coast Towing (formerly Mid Coast Barge Corp.) Corpus Christi, TX	361-881-9422		
Montco, Inc. Golden Meadow, LA	985-325-7157	1-877-6MONTCO	985-325-6795
Moran Towing of Texas Port Arthur, TX	409-962-0591		409-962-1287
Otto Candies, Inc. Des Allemands, LA	504-469-7700		504-469-7740
Raymond Dugat Company Portland, TX	361-776-7300		361-776-3990
Ryan Marine Service Galveston, TX	409-763-1269		409-741-3920
Seacor Marine, Inc Houston, TX	281-899-4800		281-899-4801
Houma, LA	985-876-5400		985-876-5444

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<b>Technical Support (Cont'd)</b>			
<b>Contact</b>	<b>Phone</b>	<b>Alt.</b>	<b>Fax</b>
<b>Q. Transportation – Marine (Cont'd)</b>			
<b>Vessels (Cont'd)</b>			
Sea Mar, Inc. New Iberia, LA	337-365-6000		
Shell Landing, Inc. Intracoastal City, LA	337-893-1211		
Suard Barge Service, Inc. Lockport, LA	985-532-5300		
Texas Crew Boats Freeport, TX	979-233-8222		
Delta Towing Houma, LA	985-851-0566		
Tidewater Marine Amelia, LA	985-631-5820		
Houston, TX	713-470-5300		
New Orleans, LA	504-568-1010	1-800-678-8433	
Trico Marine Services, Inc. Houma, LA	985-851-3833	713-780-9926	
Y&S Boat Rental Buras, LA	985-657-7546		
<b>Vessel Brokers</b>			
Otto Candies, Inc.	504-469-7700		504-469-7740
Rault Resources, Inc. Gretna, LA	504-581-1314		
Southern States Offshore Houston, TX	281-209-2871		281-209-2879
<b>R. Trailers</b>			
Clegg Industries, Inc. Victoria, TX	361-578-0291		361-578-5908
H&B Rentals Liverpool, TX	281-393-1210	1-800-237-6062	281-581-9034
Osers, Inc. Morgan City, LA	985-384-6980	1-800-391-9644	985-384-6985
Proco, Inc. Kingsville, TX	361-516-1112		361-516-1105
Scope International Village Mills, TX	409-834-2289		
Waste Management of Acadiana Houston, TX	713-512-6200		
Lafayette, LA	337-261-0430	1-800-284-2451	
Lake Charles, LA	337-436-7229	1-800-423-1250	

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<b>Technical Support (Cont'd)</b>			
<b>Contact</b>	<b>Phone</b>	<b>Alt.</b>	<b>Fax</b>
<b>R. Trailers (Cont'd)</b>			
Williams Scotsman Houston, TX	713-466-4353	1-800-782-1500	
<b>S. Vacuum Services</b>			
APT Corpus Christi, TX	361-852-2266		
Brine Service Company Corpus Christi, TX	361-289-0063		
H&K Vacuum Trucking Company Sinton, TX	361-364-4311		
KoVac Systems, Inc. Lafayette, LA	337-886-6076		
Max-Vac Corpus Christi, Inc.	361-887-2182	361-887-2181	
Mo-Vac Alice, TX	956-631-9121	361-883-0296	
Onyx Industrial Services Corpus Christi, TX	361-299-0006		
Phillips Services Corpus Christi, TX	985-575-3434	1-877-772-6693	
Southwest Land & Marine, Inc. Corpus Christi, TX	361-855-4552	361-855-4551	
Vanguard Vacuum Trucks, Inc.	985-851-0998	1-800-874-9269	985-851-6998
<b>T. Well Control Supplies</b>			
Baker Oil Tools New Iberia, LA	337-369-3731		
Frank's Casing Crew Lafayette, LA	337-233-0303	1-800-833-7265	337-572-2462
Gulf Coast Rental Tools Houston, TX	713-622-1686		
Gulf Coast Rental Tools Lafayette, LA	337-234-4571		
Kim Susan Incorporated Larose, LA	985-693-7601	985-693-7602	
Patterson Rental Tools Alice, TX	361-668-8231		
Houma, LA	985-879-1593		
Houston, TX	713-751-0066		
Broussard, LA	337-359-9900		
Enterra Oilfield Rental Corpus Christi, TX	361-289-1551		

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<b>Contact</b>	<b>Phone</b>	<b>Alt.</b>	<b>Fax</b>
<b>T. Well Control Supplies (Cont'd)</b>			
EVI Weatherford Broussard, LA	337-837-1877	1-800-921-5547	337-839-8177
<b>U. Wildlife and Marine Life</b>			
<b>Specialists – National</b>			
IBRRC California	707-207-0380	310-514-2573	707-207-0395
Tri-State Bird Rescue & Research, Inc. Eilleen Gilbert – Newark, DE Dr. Heidi Stout	302-737-9543		
University of Miami – School of Marine Sciences Dr. Peter Lutz – Miami, FL	305-361-4080		
WR&E – Wildlife Rehab & Education Sharon Schmalz – League City, TX Michelle Johnson	281-332-8319	281-731-8826	
<b>Specialists – Texas</b>			
Aransas Wildlife Refuge Austwell, TX	361-286-3533	361-286-3559	
Houston Audubon Society Houston, TX	713-932-1639	713-932-1392	
Institute of Marine Life Sciences Dr. Andrew M. Landrie	409-740-4413		
Marine Mammal Research Program Dr. Bernard Wursig Galveston, TX	409-740-4718		
National Marine Fisheries Galveston, TX	409-766-3500	281-379-7961	
WR & E League City, TX	512-389-4848		
Texas Parks & Wildlife Law Enforcement – Austin, TX	512-389-4848		

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<b>Technical Support (Cont'd)</b>			
<b>Contact</b>	<b>Phone</b>	<b>Alt.</b>	<b>Fax</b>
<b>Specialists – Louisiana</b>			
Louisiana Department of Wildlife & Fisheries – Baton Rouge, LA	225-765-2800	1-800-442-2511	
US Dept. of Agriculture Port Allen, LA	225-389-0229	337-783-0182	
<b>US Fish &amp; Wildlife</b>			
Field Offices, Ecological Services Houston, TX	281-286-8282		281-488-5882
Brian Cain – Environmental Contaminant Specialist	281-480-7418		
Corpus Christi State University	361-994-9005		
Tom Shultz, Environmental Contaminant Specialist	361-994-9005		
Claire Lee , Assistant	361-994-9005		
Field Offices / Ecological Services Lafayette, Louisiana	337-291-3100	227-280-1157	
Panhandle of Florida to Swannee River Drainage – Panama City, FL	850-769-0552		
<b>V. Hotels (National)</b>			
Best Western	1-800-780-7234		
Courtyard (Marriott)	1-888-236-2427		
Days Inn	1-800-329-7466		
Embassy Suites	1-800-362-2779		
Hilton Hotels	1-800-445-8667		
Holiday Inn	1-888-465-4329		
Hyatt Hotels	1-888-591-1234		
Marriott Hotels	1-888-272-2427		
Ramada Inn	1-800-272-6232		
Sheraton Hotels	1-800-325-3535		
Holiday Inn Corpus Christi	361-883-5731		
Galveston Island Hilton Galveston, TX	409-744-5000		
Holiday Inn Galveston, TX	409-740-3581		
Hotel Galvez Galveston, TX	409-765-7721		
San Luis Galveston, TX	409-744-1500		

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Technical Support (Cont'd)			
Contact	Phone	Alt.	Fax
<b>V. Hotels (National) (Cont'd)</b>			
<b>Hotels - Texas</b>			
Holiday Inn Houston, TX	281-821-2570		
Marriott Hotel Houston, TX	713-943-7979		
Bay Tree Condominiums Port Aransas, TX	361-749-5859		
Casa Del Cortes Port Aransas, TX	361-749-6942	1-800-408-9952	
Cline's Landing Port Aransas, TX	361-749-5274	1-877-238-8444	
Mustang Towers Condos Port Aransas, TX	361-749-6212	1-800-343-2772	
Seaside Motel & Condos Port Aransas, TX	361-749-4105	1-800-765-3103	
Calm Harbor Real Estate Rockport, TX	361-729-1367	1-800-585-CALM	
Hunt's Castle Rockport, TX	361-729-5002	1-888-345-4868	
Key Allegro Rentals Rockport, TX	361-729-2772	1-800-385-1597	
Kontiki Beach Resort & Hotel Rockport, TX	361-729-2318	1-800-388-0649	
<b>Hotels - Louisiana</b>			
Sunbelt Lodge Abbeville, LA	337-898-1453	1-866-299-1480	337-898-1463
Cameron Hotel Cameron, LA	337-775-5442		
Grand Isle Suites Grand Isle, LA	985-787-3515		
Sand Dollar Motel Grand Isle, LA	985-787-2893		985-787-3800
Sun and Sand Cabins Grand Isle, LA	985-787-2456		
Holiday Inn Holidome Houma, LA	985-868-5851		
Houma's Red Carpet Inn Houma, LA	985-876-4160		

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Regional Oil Spill Response Plan – Gulf of Mexico

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Support Services  
& Supplies

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Contact	Phone	Alt.	Fax
<b>V. Hotels (National) (Cont'd)</b>			
<b>Hotels – Louisiana (Cont'd)</b>			
Plantation Inn Houma, LA	985-879-4871	1-800-373-0072	985-873-8970
Ramada Inn Houma, LA	985-879-4871		
Best Western Hotel Acadiana Lafayette, LA	337-233-8120	1-800-826-8386	
Holiday Inn Lafayette, LA	337-233-6815	1-800-942-4868	
Lafayette Hilton & Towers Lafayette, LA	337-235-6111		
LaQuinta Inn Lafayette, LA	337-291-1088		
Quality Inn Lafayette, LA	337-234-0383		
Ramada Executive Plaza Lafayette, LA	337-235-0858		
LaQuinta Metairie, LA	504-835-8511		
Holiday Inn Morgan City, LA	985-385-2200		
Morgan City Motel Morgan City, LA	985-384-6640		
Plantation Inn Morgan City, LA	985-395-4511		
Days Inn Morgan City, LA	985-384-5750		
Garden District Hotel New Orleans, LA	504-566-1200		
Hilton Hotel New Orleans, LA	504-561-0500		
Marriott Hotel New Orleans, LA	504-581-1000		
Royal Sonesta New Orleans, LA	504-586-0300		
Sheraton Hotel New Orleans, LA	504-595-5514		
Ramada Inn Thibodeaux, LA	985-446-0561		

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Support Services  
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**Technical Support (Cont'd)**

Contact	Phone	Alt.	Fax
<b>V. Hotels (National) (Cont'd)</b>			
<b>Hotels – Louisiana (Cont'd)</b>			
Howard Johnson Lodge Thibodaux, LA	985-447-9071		
Cypress Cove Lodge Venice, LA	985-534-7777	1-888-534-8777	
Empire Inn Venice, LA	985-657-9853		
Lighthouse Lodge Venice, LA	985-534-2522		
<b>Media - TV</b>			
KPRC – Channel 2 Houston, TX	713-222-2222		
KHOU – Channel 11 Houston, TX	713-526-1111		
KTRK – Channel 13 Houston, TX	713-666-0713		
KFDM – Channel 6 Beaumont, TX	409-892-6622		409-892-6665
KBMT – Channel 12 Beaumont, TX	409-833-7512		409-981-1563
KBTV – Channel 4 Port Arthur, TX	409-985-5557	409-840-4444	409-899-4639
KPLC – Channel 7 Lake Charles, LA	337-439-9071		337-437-7600
KLFY – Channel 10 Lafayette, LA	337-981-4823	337-981-4844	337-984-8323
WAFB – Channel 9 Baton Rouge, LA	225-383-9999		
WBRZ – Channel 2 Baton Rouge, LA	225-387-2222		
WBTR – Channel 19 Baton Rouge, LA	225-201-1919		
WDSU – Channel 6 New Orleans, LA	504-679-0600		
WWL - Channel 4 New Orleans, LA	504-529-4444	504-529-6298	
WWUE – Channel 8 New Orleans, LA	504-486-6161		

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 GoM EMS Mgmt Representative  
 Scope: GoM EMS  
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**Regional Oil Spill Response Plan – Gulf of Mexico**

**Appendix F  
Support Services  
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**Media – Radio**

Contact	Phone	Alt.	Fax
KTRH – AM – Houston, TX	713-212-8000	281-214-0440	713-212-8957
KPRC – AM – Houston, TX	281-588-4800		
KLVI – AM – Beaumont, TX	409-896-5555		
KZZB – AM – Beaumont, TX	409-833-0990		
KALO – AM – Beaumont, TX	409-963-1276		
KAYC – AM – Beaumont, TX	409-727-2774		
KQHN – AM – Beaumont, TX	409-727-2774		
KQXY – FM – Beaumont, TX	409-833-9421		409-833-9296
KYKR – FM – Beaumont, TX	409-896-5555	1-800-329-9595	409-896-5500
KAYD – FM – Beaumont, TX	409-212-1017	409-729-1017	409-833-9296
KKMY – FM – Beaumont, TX	409-896-5555	1-800-329-9595	409-896-5500
KIOC – FM – Beaumont, TX	409-896-5555	1-800-329-9595	1-800-329-9595
KEZM – AM – Lake Charles, LA	337-527-3611		
KYKZ – FM – Lake Charles, LA	337-439-3300	1-800-439-6979	337-433-7701
WYNK – FM – Baton Rouge, LA	225-231-1860		
WXCT – FM – Baton Rouge, LA	225-388-9898		
WJFM – FM – Baton Rouge, LA	225-768-3227	225-768-3202	
KKAY – FM – Donaldsville, LA	225-473-6397		

**Media – Newspapers**

Galveston Daily News Galveston, TX	409-744-3611		
Houston Chronicle Houston, TX	713-220-7491		
Beaumont Enterprise Journal Beaumont, TX	409-833-3311		
Port Arthur News Port Arthur, TX	409-721-2400		
Orange Leader Orange, TX	409-883-3571		
Times Picayune New Orleans, LA	504-826-3070		
The Advocate Baton Rouge, LA	225-383-1111		
American Press Lake Charles, LA	337-494-4040		
Southwest Builder / News Sulphur, LA	337-527-7075		
Plaquemine Post Plaquemines, LA	225-687-3288		

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**APPENDIX H – WORST CASE DISCHARGE**

**A. General Information**

Worst case discharge scenarios were selected based on projected discharge volume, proximity to shorelines, areas of environmental and/or economic sensitivity, and marine and shoreline resources. The lack of significant differences between operations, products, resources, and sensitivities helped to establish potential discharge volume and location as the primary decisive factors for Worst Case Discharge selections.

The following Appendix contains worst case discharge assessments and response plans for a BP facility within 10 miles of shore, outside 10 miles from shore and from an exploratory well. MMS regulations in 30 C FR 254.47 define the parameters for worst case discharge calculations. For an oil production platform facility, the size of the worst case discharge scenario is the sum of:

- |   |   |
|---|---|
| • | Maximum capacity of all oil storage tanks and flowlines on the facility.  |
| • | The volume of oil calculated to leak from a break in any pipelines connected to the facility considering shutdown time, the effect of hydrostatic pressure, gravity frictional wall forces and other factors. |
| • | The daily production volume from an uncontrolled blowout of the highest capacity well associated with the facility flowing for 30 days.   |

The discharge rates from an uncontrolled blowout of oil production facilities were calculated using the following:

- |   |  |
|---|--|
| • | Reservoir characteristics                |
| • | Reservoir pressure data                  |
| • | Reservoir drive mechanisms               |
| • | Reservoir depletion rates                |
| • | Wellbore completion configurations       |
| • | Casing and production tubing sizes       |
| • | Casing and tubing friction factors       |
| • | Production history                       |
| • | Static and flowing bottom hole pressures |
| • | Water intrusion (where appropriate)      |

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In addition to the worst case discharge volumes, the individual summaries also include the following maps and information:

1. Overview Map
2. Land Impact Probability Map
3. On-Water Recovery Response Equipment Location Map
4. On-Water Recovery Response Equipment Status Boards
5. Dispersant Application Map
6. Dispersant Application Status Boards

The location of the nearest response contractor, and estimated time for mobilization and deployment of response resources to Company operated facilities and ROW pipelines has been calculated and included in this section where applicable. Times provided for mobilization and deployment are estimates and will depend on meteorological conditions, sea state, and availability of vessels and manpower.

**Worst Case Discharge Scenario Summary Listing**

WCD Type	Name of Facility	Area/Block	Distance from Shore (Miles)
< 10 Miles	SP 89 Pipeline	SP 89	9.53
> 10 Miles	MC 778 PDQ	MC 778	68
Exploratory Well	Living Color Well	MC 462	33
Flower Gardens	N/A		

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B. Worst Case Discharge scenario less than 10 miles

1) Worst Case Summary

BP has determined that its worst case scenario for discharge within 10 miles of shoreline would occur from the SP 89 ROW pipeline. Both the DOT/RSPA worst case discharge calculations and the MMS Pipeline Oil Spill Volume Computer Model program were used in this calculation. Both models were within 15% of each other. The higher volume of 28,033 barrels (based on the DOT/RSPA model) was selected as the WCD for this pipeline.

2) Facility Information

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- AFI Gravity: °

3) Worst Case Discharge Volume

Criteria	Barrels
Maximum Oil Flow Rate	0.9 bbls/ft
Volume released due to facility pipeline break (drains down from pipeline)	28,033
<b>TOTAL WORST CASE DISCHARGE</b>	<b>28,033</b>

4) Land Segment Identification

Land areas that could be potentially impacted by an SP89 oil spill were determined using the MMS Oil Spill Risk Analysis Model (OSRAM) trajectory results. The OSRAM estimates the probability that oil spills from designated locations would contact shoreline and offshore natural resources. These probabilities indicate, in terms of percentage, the chance that an oil spill occurring in a particular launch area will contact a certain county or parish within 3, 10, and 30 days. OCS Launch Area C56 was utilized as SP89's point of origin. Land segments identified by the model are listed below:

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Area and Spill Site	Land Segment Contact Land Segment No. & County/ Parish & State	Percent Impact Chance		
		3 Days	10 Days	30 Days
BP Facility	Matagorda, TX	--	--	1
	Galveston, TX	--	--	1
	Jefferson, TX	--	--	1
	Cameron, LA	--	--	3
	Vermillion, LA	--	--	2
	Iberia, LA	--	--	1
	Terrebonne, LA	--	3	5
	LaFourche, LA	1	4	5
	Jefferson, LA	--	1	2
	Plaquemines, LA	6	13	16
	St. Bernard, LA	--	--	1
	Jackson, MS	--	--	1
	Escambia, FL	--	--	1

**5) Resource Identification**

The land segment that has the highest probability of being impacted by the SP 89 facility is Plaquemines Parish, Louisiana, at 16 percent. Sources listing the resources within Plaquemines Parish, Louisiana are identified in Section 11.

**6) Response**

BP will make every effort to respond to the Worst Case Discharge as effectively as possible. BP has contracted with National Response Corporation (NRC) and Marine Spill Response Corporation (MSRC) as primary Oil Spill Removal Organizations. Contact information for the OSROs can be found in Figure 7-7. Upon notification of the spill, BP would request a partial or full mobilization of the resources identified in the attached Appendix E, including, but not limited to, dispersant aircraft from ASI & MSRC and NRC & MSRC skimming vessels. The Qualified Individual, Person in Charge, Incident Commander or designee may contact other service companies if the Unified Command deems such services necessary to the response efforts.

An A dios model was run on a similar product. The results indicate 25% of the product would be evaporated or naturally dispersed within 12 hours, leaving approximately 21,025 barrels on the water.

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Tables below outline equipment as well as temporary storage equipment to be considered in order to cope with an initial spill of 28,033 bbls. The list estimates individual times needed for procurement, load out, travel time to the site and deployment.

Offshore response strategies may include attempting to skim utilizing MSRC & NRC's Oil Spill Response Vessels (OSRVs), Oil Spill Response Barges (OSRBs), ID Boats, and Quick Strike OSRVs, which have a combined derated recovery rate of 81,877 barrels/day. Temporary storage associated with the identified skimming and temporary storage equipment equals 97,864 barrels.

Dispersants may be a viable response option. If appropriate, 4 to 5 sorties (1,000 gallons per sortie) from the DC-3 and 4 to 5 sorties (2,000 gallons per sortie) from the DC-4 within the first 12 hour operating day of the response. Using a 1:20 application rate, 90% effectiveness, and assuming 4-5 sorties per day the systems could disperse approximately 5,486 to 6,857 barrels of oil per day based on the NOAA Dispersant Planner. Additionally, 3 to 4 sorties (300 gallons per sortie) from MSRC's BE-90 and one sortie (3250 gallons per sortie) from MSRC's C-130A could be completed within the first 12 hour operating day of the response. Using the same assumptions as above, these two aircraft could disperse approximately 1,778 to 1,907 barrels of oil in the first day. On each subsequent day, the BE-90 and the C-130A would be able to complete 4-5 sorties each (300 and 3250 gallons per sortie, respectively), for a total amount of 6,080 to 7,600 barrels of oil per day dispersed.

If the spill went unabated, shoreline impact would depend upon existing environmental conditions. Nearshore response may include the deployment of shoreline boom on beach areas, or protection and sorbent boom on vegetated areas. Strategies would be based upon surveillance and real time trajectories provided by The Response Group that depict areas of potential impact given actual sea and weather conditions. Strategies from the Area Contingency Plan, The Response Group and Unified Command would be consulted to ensure that environmental and special economic resources would be correctly identified and prioritized to ensure optimal protection. The Response Group shoreline response guides depict the protection response modes applicable for oil spill clean-up operations. Each response mode is schematically represented to show optimum deployment and operation of the equipment in areas of environmental concern. Supervisory personnel have the option to modify the deployment and operation of equipment allowing a more effective response to site-specific circumstances. (For more information on resource identification, see Section 11; for more information on resource protection methods, see Section 13.)

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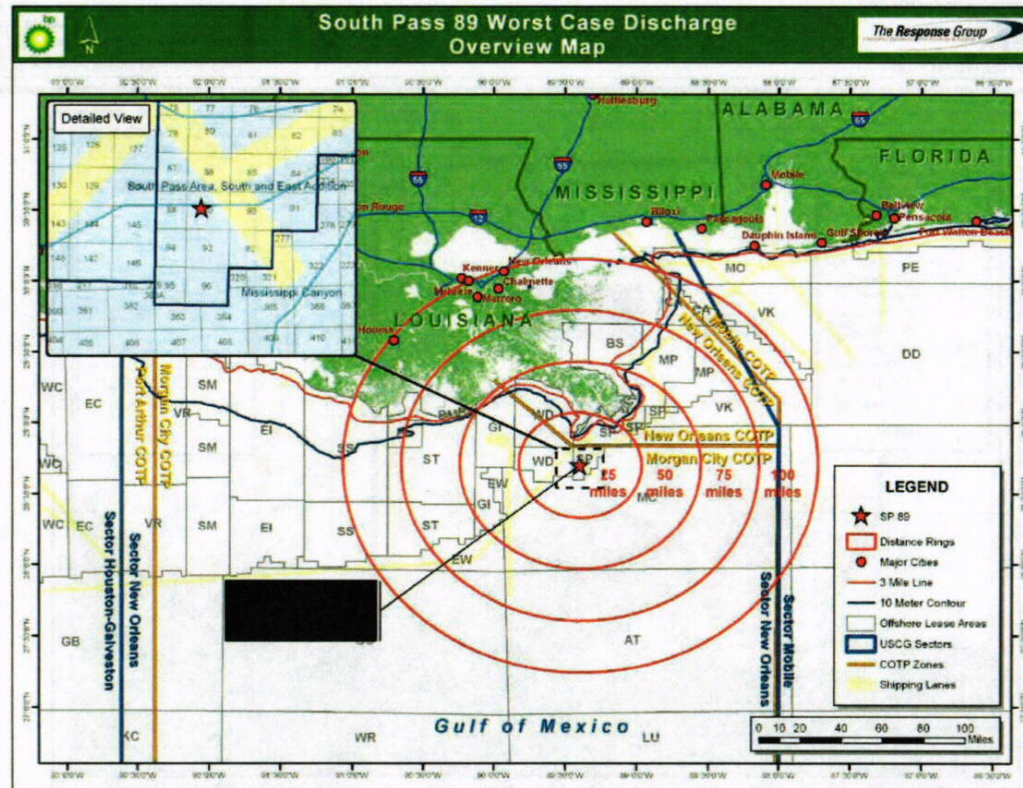
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Appendix H  
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SP 89 Pipeline (<10 Miles) - Offshore On-Water Recovery Activation List													
Skimming System	Supplier & Phone	Warehouse	Skimming Package	Quantity	Recovery Rate (Barrels/Day)	Storage (Barrels)	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)				
									Staging ETA	Loadout Time	ETA to Site	Deployment Time	Total ETA
Seahorse 5 ID Boat	NRC 800-899-4672	Fourchon, LA	Ord Disk Skimmer	1	1,954	100	Fourchon, LA	60	1	0	4.5	1	6.5
			21" Boom	100									
			Personnel	4									
			146' Utility Boat	1									
Celeste Elizabeth ID Boat	NRC 800-899-4672	Fourchon, LA	Ord Disk Skimmer	1	1,954	416	Fourchon, LA	60	1	0	4.5	1	6.5
			21" Boom	100									
			Personnel	4									
			Utility Boat -126'	1									
Louisiana Responder Transrec-350	MSRC 800-OIL-SPIL	Fort Jackson, LA	Transrec Skimmer	1	10,567	4,000	Fort Jackson, LA	54	2	1	4	1	8
			67" Boom	1320'									
			210' Vessel	1									
			Personnel	12									
SOS System AB/AW-383	NRC 800-899-4672	Belle Chasse, LA	Mercov/VTU Skimmer	1	30,857	124	Venice, LA	45	2.5	1	3	1	7.5
			43" Boom	200									
			Personnel	4									
			Marine Tank	1									
SOS System FF-332	NRC 800-899-4672	Belle Chasse, LA	Vikoma Skimmer	1	3,154	100	Venice, LA	45	2.5	1	3	1	7.5
			21" Boom	200									
			Personnel	4									
			Marine Tank	1									
M/V Recovery MOSS Unit SS-50	AMPOL 800-482-6765	Fourchon, LA	MOSS SS-50 Skimmer	1	3,017	200	Fourchon, LA	60	2	1	4.5	1	6.5
			36" Expand Boom	720'									
			Personnel	4									
			110' Utility Boat	1									
Mississippi Responder Transrec-350	MSRC 800-OIL-SPIL	Pascagoula, MS	Transrec Skimmer	1	10,567	4,000	Pascagoula, MS	130	2	1	9.5	1	13.5
			67" Boom	1320'									
			210' Vessel	1									
			Personnel	12									
SOS System RM-313	NRC 800-899-4672	Spanish Fort, AL	Rope Mop/VTU Skimmer	1	8,352	124	Fourchon, LA	60	7	1	4.5	1	13.5
			21" Boom	300									
			Personnel	4									
			Marine Tank	1									
Seahorse 4 ID Boat	NRC 800-899-4672	Morgan City, LA	Ord Disk Skimmer	1	1,954	100	Morgan City, LA	165	1	0	12	1	14
			21" Boom	100									
			Personnel	4									
			145' Utility Boat	1									
NRC "Energy" ID Boat	NRC 800-899-4672	Morgan City, LA	Vikoma Sea Skim	1	7,547	300	Morgan City, LA	165	2	1	12	1	16
			21" Boom	2100'									
			Personnel	4									
			Boom Boat	1									
Seahorse 6 ID Boat	NRC 800-899-4672	Cameron, LA	Ord Disk Skimmer	1	1,954	100	Cameron, LA	250	1	0	18	1	20
			21" Boom	100									
			Personnel	4									
			146' Utility Boat	1									
<b>OPERATED RECOVERY RATE (BBL/DAY)</b>												<b>81,877</b>	
<b>SKIMMING VESSEL STORAGE CAPACITY (BARRELS)</b>												<b>9,564</b>	

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Appendix H  
Worst Case  
Discharge

SP 89 Pipeline (<10 Miles) - Offshore On-Water Recovery Storage List												
Skimming System	Supplier & Phone	Warehouse	Skimming Package	Quantity	Recovery Rate (Barrels/Day)	Storage (Barrels)	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)			Total ETA
									Staging ETA	Loadout Time	ETA to Site	
MSRC-452 Offshore Barge	MSRC 800-OIL-SPIL	Fort Jackson, LA	3000 BBL Bladders	1		3,000	Fort Jackson, LA	80	2	1	9	12
			Offshore Barge	1		45,000						
			Personnel	4								
			Offshore Tug	1								
MSRC-402 Offshore Barge	MSRC 800-OIL-SPIL	Pascagoula, MS	Offshore Barge	1		40,300	Pascagoula, MS	150	2	1	16.5	19.5
			Personnel	4								
			Offshore Tug	1								
<b>STORAGE CAPACITY (BARRELS)</b>											<b>88,300</b>	
<b>TOTAL STORAGE CAPACITY (INCLUDING SKIMMING VESSELS) (BARRELS)</b>											<b>97,864</b>	

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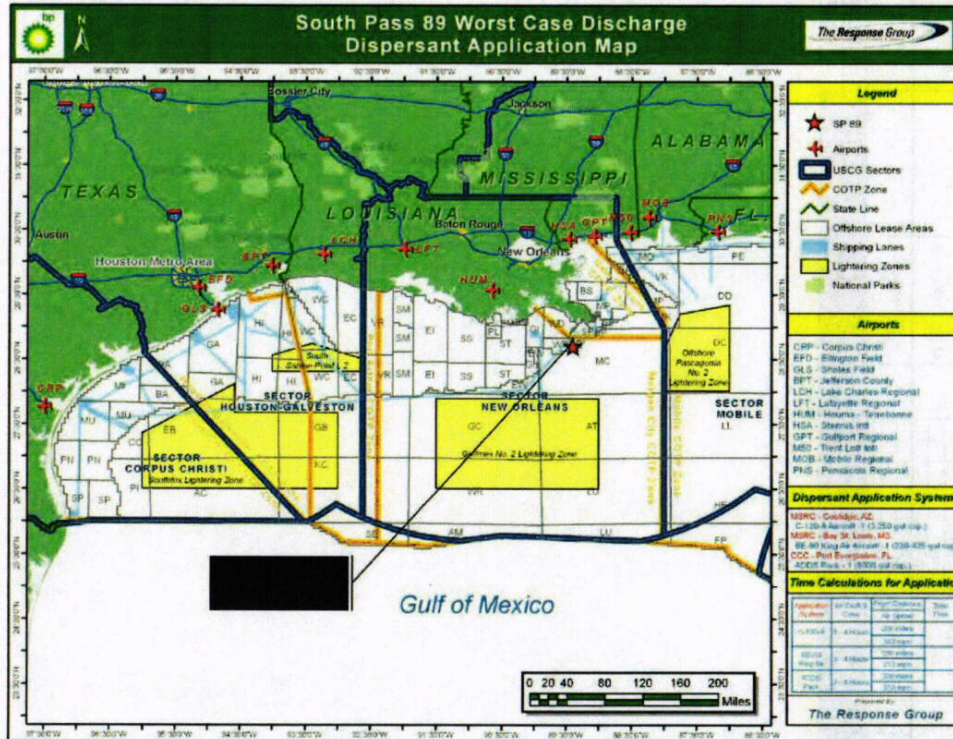
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SP 89 Pipeline (<10 Miles) - Offshore Aerial Dispersant Activation List												
Aerial Dispersant System	Supplier & Phone	Warehouse	Aerial Dispersant Package	Quantity	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)					Total ETA
							Staging ETA	Loadout Time	ETA to Site	Deployment Time		
DC-3 Aircraft Air Speed - 180 MPH	Airborne Support 985-851-6391	Houma, LA	DC-4 Dispersant Aircraft	1	Houma, LA	94	2	0.5	0.55	0.3	3.35	
			Dispersant - Gallons	2000								
			Spotter Aircraft	1								
			Spotter Personnel	2								
			Crew - Pilots	2								
DC-3 Aircraft Air Speed - 150 MPH	Airborne Support 985-851-6391	Houma, LA	DC-3 Dispersant Aircraft	1	Houma, LA	94	2	0.4	1.20	0.2	3.80	
			Dispersant - Gallons	2000								
			Spotter Aircraft	1								
			Spotter Personnel	2								
			Crew - Pilots	2								
BE-90 King Air Aircraft Air Speed - 213 MPH	MSRC 800-OIL-SPIL	Bay St. Louis, MS	BE-90 Dispersant Aircraft	1	Stennis INTL., MS 1st Flight	116	4.00	0.20	0.55	0.20	4.95	
			Dispersant - Gallons	230-425								
			Spotter Aircraft	1	Stennis INTL., MS 2nd Flight	116	0.55	0.20	0.55	0.20	1.50	
			Spotter Personnel	2								
			Crew - Pilots	2								
C130-A Aircraft Air Speed - 342 MPH	MSRC 800-OIL-SPIL	Coolidge, AZ	C130-A Dispersant Aircraft	1	Ellington Field, TX 1st Flight	352	8	0.3	1.05	0.5	9.90	
			Dispersant - Gallons	3250								
			Spotter Aircraft	1	Stennis INTL., MS 2nd Flight	116	0.35	0.3	0.35	0.5	1.55	
			Spotter Personnel	2								
			Crew - Pilots	2								
ADDS PACK Air Speed - 330 MPH	Clean Caribbean 985-851-6391	Pt. Everglades, FL	USCG C-130 Aircraft	1	Clearwater, FL	600	24-48	1	1.82	0.5	27.35 to 51.35	
			ADDS PACK	1								
			Dispersant - Gallons	5000								
			Spotter Aircraft	1								
			Spotter Personnel	2								
Crew - Pilots	2											

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SP 89 Pipeline (<10 Miles) - Offshore Boat Spray Dispersant Activation List											
Boat Spray Dispersant System	Supplier & Phone	Warehouse	Boat Spray Dispersant Package	Quantity	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)				
							Staging ETA	Loadout Time	ETA to Site	Deployment Time	Total ETA
Louisiana Responder Transrec-350	MSRC 800-OIL-SPIL	Fort Jackson, LA	Dispersant Spray System	1	Fort Jackson, LA	54	2	1	4	1	8
			Dispersant (Gallons)	880							
			210' Vessel	1							
			Personnel	12							
			32' Support Boat	1							
M/V Recovery	AMPOL 800-482-6765	Fourchon, LA	Dispersant Spray System	1	Fourchon, LA	60	1	1	4.5	1	7.5
			Dispersant (Gallons)	500							
			Personnel	4							
			110' Utility Boat	1							
			Crew Boat	1							
USCG SMART Team	USCG	Mobile, AL	Personnel	4	Fourchon, LA	60	3	1	4.5	1	9.5
			Crew Boat	1							
Mississippi Responder Transrec-350	MSRC 800-OIL-SPIL	Pascagoula, MS	Dispersant Spray System	1	Pascagoula, MS	130	2	1	9.5	1	13.5
			Dispersant (Gallons)	880							
			210' Vessel	1							
			Personnel	12							
			32' Support Boat	1							
Vessel Based Dispersant Spray System	NRC 800-899-4672	Morgan City, LA	Dispersant Spray System	1	Morgan City, LA	165	1	1	12	1	15
			Dispersant (Gallons)	500							
			Personnel	4							
			Crew Boat	1							
M/V Responder	AMPOL 800-482-6765	Cameron, LA	Dispersant Spray System	1	Cameron, LA	250	1	1	18	1	21
			Dispersant (Gallons)	500							
			Personnel	4							
			110' Utility Boat	1							
			Crew Boat	1							
Gulf Coast Responder Transrec-350	MSRC 800-OIL-SPIL	Lake Charles, LA	Dispersant Spray System	1	Lake Charles, LA	275	2	1	19.5	1	23.5
			Dispersant (Gallons)	880							
			210' Vessel	1							
			Personnel	12							
			Tow Bladder	1							
Texas Responder Transrec-350	MSRC 800-OIL-SPIL	Galveston, TX	Dispersant Spray System	1	Galveston, TX	335	2	1	24	1	28
			Dispersant (Gallons)	880							
			210' Vessel	1							
			Personnel	12							
			32' Support Boat	1							

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<b>Dispersant Stockpiles by Location (Updated 03/2009)</b>			
Supplier & Phone	Location of Dispersants	Type	Quantity in Gallons
Airborne Support, Inc. (ASI) 985-851-6391	Houma, LA	Corexit 9527	3,355
MSRC (800) OIL-SPIL	Slaughter Beach, DE - DBRC Site	Corexit 9527	330
	Chesapeake City, MD - MSRC Site	Corexit 9527	9,130
	Portland, ME - OSRV	Corexit 9527	330
	Perth Amboy, NJ - OSRV	Corexit 9527	330
	Chesapeake City, MD - OSRV	Corexit 9527	330
	Virginia Beach, VA - OSRV	Corexit 9527	330
	San Juan, PR - MSRC Site	Corexit 9527	900
	Kiln, MS - Stennis Airport	Corexit 9527	22,260
	Kiln, MS - Stennis Airport	Corexit 9500	3,960
	Miami, FL - OSRV	Corexit 9527	800
	Pascagoula, MS - OSRV	Corexit 9527	800
	Fort Jackson, LA - OSRV	Corexit 9527	800
	Lake Charles, LA - OSRV	Corexit 9527	800
	Galveston, TX - OSRV	Corexit 9527	800
	Corpus Christi - OSRV	Corexit 9527	330
	Galveston, TX - MSRC Site	Corexit 9500	18,980
	Coolidge, AZ - Coolidge Airport	Corexit 9527	3,300
	Long Beach, CA - Tesoro Terminal	Corexit 9500	10,890
	Terminal Island, CA - OSRV	Corexit 9527	600
	Richmond, CA - MSRC Warehouse	Corexit 9527	11,500
	Richmond, CA - OSRV	Corexit 9527	605
	Everett, WA - Everett Warehouse	Corexit 9527	6,495
	Ferndale, WA - CP Refinery	Corexit 9527	6,430
Port Angeles, WA - OSRV	Corexit 9527	605	
Astoria, OR - OSRV	Corexit 9527	605	
Honolulu, HI - OSRV	Corexit 9527	605	
NRC National Response Corp. John Hielscher 631-224-9141 ext. 142	Morgan City, LA	COREXIT 9527	1,320
	Morgan City, LA	SPC 1000	220
	Morgan City, LA	BIO Disperse	1,045
	Toa Baja, PR	COREXIT 9527	5,005
	St. Croix, VI	COREXT 9527	1,650
ONDEO Nalco	Sugarland, TX	Corexit 9500	11,000
Clean Caribbean & Americas	Ft. Lauderdale, FL	Corexit 9500	30,360
OSR / EARL +44 (0)20 7724 0102	Southampton, UK	Corexit 9500	5,283
	Bahrain, MENAS Base	Corexit 9500 (1 week activation)	3,963
	Singapore, SG	Corexit 9500 (1 week activation)	8,440
<b>TOTAL QUANTITY (GALLONS)</b>			<b>174,486</b>

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C. Worst Case Discharge scenario greater than 10 miles

1) Worst Case Summary

BP has determined that its worst case scenario for discharge in waters greater than 10 miles of shoreline would occur from the MC 778 Thunder Horse operations. MC 778 operations involve development drilling and production of oil. A worst case scenario at this facility could result in a discharge of 177,400 barrels of crude as defined by MMS regulations.

2) Facility Information

- Type of Operation: Production
- Facility Name: MC 778 PDQ
- [REDACTED]
- [REDACTED]
- [REDACTED]
- Distance to Shore: 68
- Maximum Tank and Flowline Capacity: 21,400 + 2,000 barrels
- Volume released due to facility pipeline break: 13,000 bbls
- Daily Production Volume: 141,000 bbls

3) Worst Case Discharge Volume

Criteria	Barrels
Maximum tank and flowline capacity	21,400 + 2,000 bbls
Volume released due to facility pipeline break	13,000 bbls
Daily production volume	141,000 bbls
<b>TOTAL WORST CASE DISCHARGE</b>	<b>177,400 bbls</b>

4) Land Segment Identification

Land areas that could be potentially impacted by an MC 778 oil spill were determined using the MMS Oil Spill Risk Analysis Model (OSRAM) trajectory results. The OSRAM estimates the probability that oil spills from designated locations would contact shoreline and offshore natural resources. These probabilities indicate, in terms of percentage, the chance that an oil spill occurring in a particular launch area will contact a certain county or parish within 3, 10, and 30 days.

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OCS Launch Area 59 was utilized as MC 778's point of origin. Land segments identified by the model are listed below:

Area and Spill Site	Land Segment Contact Land Segment No. & County/ Parish & State	Percent Impact Chance		
		3 Days	10 Days	30 Days
MC 778 "Thunder Horse" Facility	(13) Cameron	LA	-	-
	(14) Vermillion	LA	-	-
	(17) Terrebonne	LA	-	-
	(18) LaFourche	LA	-	1
	(19) Jefferson	LA	-	-
	(20) Plaquemines	LA	-	5
	(21) St. Bernard	LA	-	-
	(29) Walton	FL	-	1
	(30) Bay	FL	-	-

**5) Resource Identification**

The land segment that has the highest probability of being impacted by the MC 778 facility is Plaquemines Parish, Louisiana, at 5 percent. Sources listing the resources within Plaquemines Parish are identified in Section 11.

**6) Response**

BP will make every effort to respond to the Worst Case Discharge as effectively as possible. BP has contracted with Clean Caribbean & Americas (CCA), Marine Spill Response Corporation (MSRC) and the National Response Corporation (NRC) as primary Oil Spill Removal Organizations. Contact information for the OSROs can be found in Figure 7-6A. Upon notification of the spill, BP would request a partial or full mobilization of the resources identified in the attached Appendix E, including, but not limited to, dispersant aircraft from CCA, ASI & MSRC and NRC & MSRC skimming vessels. The Qualified Individual, Person in Charge, Incident Commander or designee may contact other service companies if the Unified Command deems such services necessary to the response efforts.

An A dios model was run on a similar product. The results indicate 15% of the product would be evaporated or naturally dispersed within 12 hours, leaving approximately 150,790 barrels on the water.

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Tables below outline equipment as well as temporary storage equipment to be considered in order to cope with an initial spill of 177,400 bbls. The list estimates individual times needed for procurement, load out, travel time to the site and deployment.

Offshore response strategies may include attempting to skim utilizing MSRC & NRC's Oil Spill Response Vessels (OSRVs), Oil Spill Response Barges (OSRBs), ID Boats, and Quick Strike OSRVs, which have a combined derated recovery rate of 339,207 barrels/day. Temporary storage associated with the identified skimming and temporary storage equipment equals 278,030 barrels.

Dispersants may be a viable response option. If appropriate, 4 to 5 sorties (1,000 gallons per sortie) from the DC-3 and 4 to 5 sorties (2,000 gallons per sortie) from the DC-4 within the first 12 hour operating day of the response. Using a 1:20 application rate, 90% effectiveness, and assuming 4-5 sorties per day the systems could disperse approximately 5,486 to 6,857 barrels of oil per day based on the NOAA Dispersant Planner. Additionally, 3 to 4 sorties (300 gallons per sortie) from MSRC's BE-90 and one sortie (3250 gallons per sortie) from MSRC's C-130A could be completed within the first 12 hour operating day of the response. Using the same assumptions as above, these two aircraft could disperse approximately 1,778 to 1,907 barrels of oil in the first day. On each subsequent day, the BE-90 and the C-130A would be able to complete 4-5 sorties each (300 and 3250 gallons per sortie, respectively), for a total amount of 6,080-7,600 barrels of oil per day dispersed.

If the spill went unabated, shoreline impact would depend upon existing environmental conditions. Nearshore response may include the deployment of shoreline boom on beach areas, or protection and sorbent boom on vegetated areas. Strategies would be based upon surveillance and real time trajectories provided by The Response Group that depict areas of potential impact given actual sea and weather conditions. Strategies from the Area Contingency Plan, The Response Group and Unified Command would be consulted to ensure that environmental and special economic resources would be correctly identified and prioritized to ensure optimal protection. The Response Group shoreline response guides depict the protection response modes applicable for oil spill clean-up operations. Each response mode is schematically represented to show optimum deployment and operation of the equipment in areas of environmental concern. Supervisory personnel have the option to modify the deployment and operation of equipment allowing a more effective response to site-specific circumstances. (For more information on resource identification, see Section 11; for more information on resource protection methods, see Section 13.)

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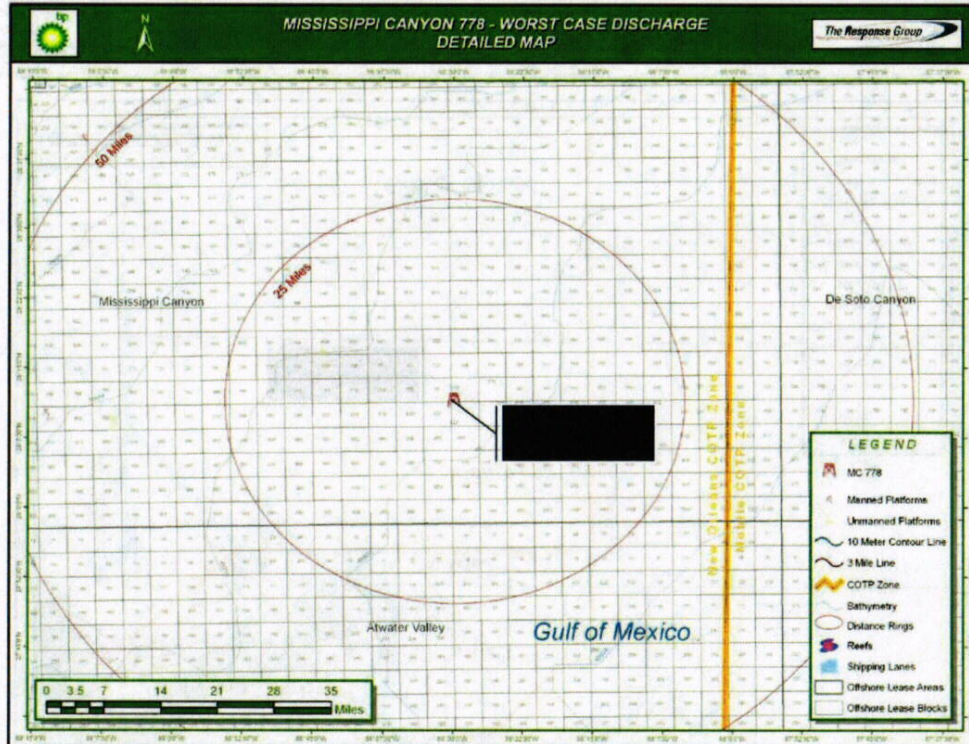
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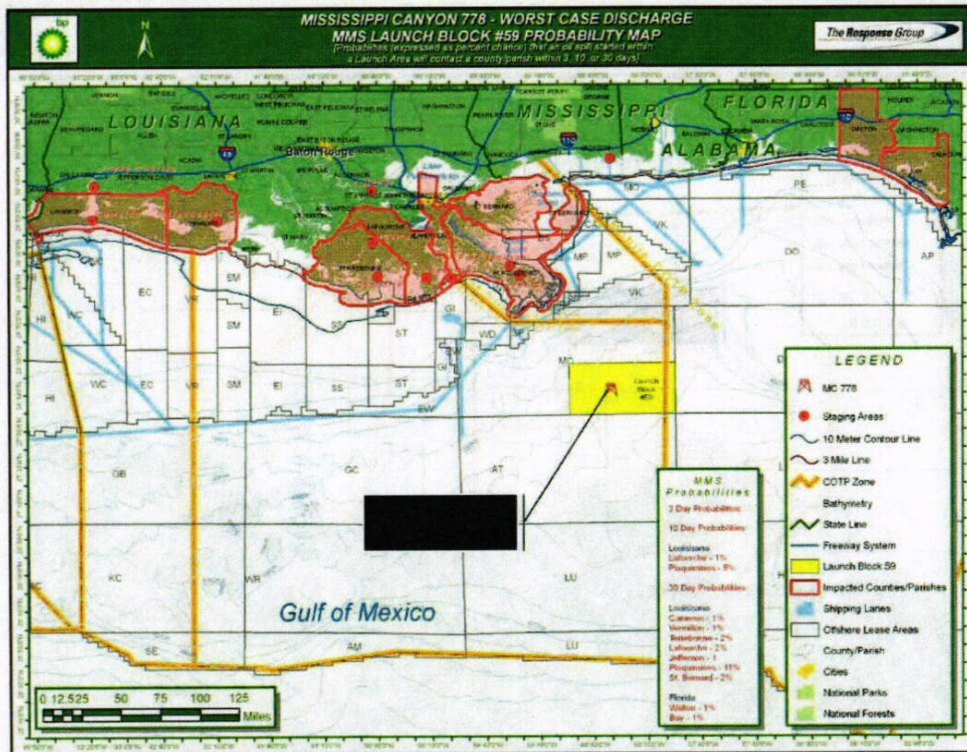
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MC 778 Thunder Horse (>10 Miles) - Offshore On-Water Recovery Activation List													
Skimming System	Supplier & Phone	Warehouse	Skimming Package	Quantity	Recovery Rate (Barrels/Day)	Storage (Barrels)	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)				
									Staging ETA	Loadout Time	ETA to Site Deployment Time	Total ETA	
Seahorse 5 ID Boat	NRC 800-899-4672	Fourchon, LA	Ord Disk Skimmer	1	1,954	100	Fourchon, LA	100	1	0	7	1	9
			21' Boom	100'									
			Personnel	4									
			146' Utility Boat	1									
Celeste Elizabeth ID Boat	NRC 800-899-4672	Fourchon, LA	Ord Disk Skimmer	1	1,954	416	Fourchon, LA	100	1	0	7	1	9
			21' Boom	100'									
			Personnel	4									
			Utility Boat -126'	1									
MV Recovery MOSS Unit SS-50	AMPOL 800-482-6765	Fourchon, LA	MOSS SS-50 Skimmer	1	3,017	200	Fourchon, LA	100	2	1	7	1	11
			36' Expand Boom	720'									
			Personnel	4									
			110' Utility Boat	1									
Louisiana Responder Transrec-350	MSRC 800-OIL-SPIL	Fort Jackson, LA	Transrec Skimmer	1	10,567	4,000	Fort Jackson, LA	95	2	1	7	1	11
			67' Boom	1320'									
			210' Vessel	1									
			Personnel	12									
Stress 1	MSRC 800-OIL-SPIL	Fort Jackson, LA	32' Support Boat	1	15,840		Fort Jackson, LA	95	2	1	7	1	11
			Offshore Skimmer	1									
			67' Offshore Boom	1320'									
			Personnel	4									
FOILEX 250	MSRC 800-OIL-SPIL	Fort Jackson, LA	Utility Boat	1	3,977		Fort Jackson, LA	95	2	1	7	1	11
			Offshore Skimmer	1									
			67' Offshore Boom	1320'									
			Personnel	4									
FOILEX 200	MSRC 800-OIL-SPIL	Fort Jackson, LA	Utility Boat	1	1,989		Fort Jackson, LA	95	2	1	7	1	11
			Offshore Skimmer	1									
			67' Offshore Boom	660'									
			Personnel	4									
DESMI OCEAN	MSRC 800-OIL-SPIL	Fort Jackson, LA	Utility Boat	1	3,017		Fort Jackson, LA	95	2	1	7	1	11
			Offshore Skimmer	1									
			67' Offshore Boom	1320'									
			Personnel	4									
GT-185	MSRC 800-OIL-SPIL	Fort Jackson, LA	Utility Boat	1	1,371		Fort Jackson, LA	95	2	1	7	1	11
			Offshore Skimmer	1									
			67' Offshore Boom	660'									
			Personnel	4									
WP-4	MSRC 800-OIL-SPIL	Fort Jackson, LA	Utility Boat	1	3,017		Fort Jackson, LA	95	2	1	7	1	11
			Offshore Skimmer	1									
			67' Offshore Boom	660'									
			Personnel	4									
GT-185	MSRC 800-OIL-SPIL	Baton Rouge, LA	Utility Boat	1	1,371		Fourchon, LA	100	4.5	1	7	1	13.5
			Offshore Skimmer	1									
			67' Offshore Boom	660'									
			Personnel	4									
Mississippi Responder Transrec-350	MSRC 800-OIL-SPIL	Pascagoula, MS	Utility Boat	1	10,567	4,000	Pascagoula, MS	150	2	1	11	1	14.5
			Transrec Skimmer	1									
			67' Boom	1320'									
			210' Vessel	1									
Stress 1	MSRC 800-OIL-SPIL	Lake Charles, LA	Personnel	12	15,840		Fourchon, LA	100	6.5	1	7	1	15.5
			Offshore Skimmer	1									
			67' Offshore Boom	1320'									
			Utility Boat	1									
FOILEX 250	MSRC 800-OIL-SPIL	Lake Charles, LA	Utility Boat	1	3,977		Fourchon, LA	100	6.5	1	7	1	15.5
			Offshore Skimmer	1									
			67' Offshore Boom	1320'									
			Personnel	4									

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MC 778 Thunder Horse (>10 Miles) - Offshore On-Water Recovery Activation List													
Skimming System	Supplier & Phone	Warehouse	Skimming Package	Quantity	Recovery Rate (Barrels/Day)	Storage (Barrels)	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)				
									Staging ETA	Loadout Time	ETA to Site	Deployment Time	Total ETA
DESMI OCEAN	MSRC 800-OIL-SPIL	Lake Charles, LA	Offshore Skimmer	1	3,017		Fourchon, LA	100	6.5	1	7	1	15.5
			67" Offshore Boom	1320									
			Personnel	4									
GT-185	MSRC 800-OIL-SPIL	Pascagoula, MS	Offshore Skimmer	1	1,371		Fourchon, LA	100	6.5	1	7	1	15.5
			67" Offshore Boom	560									
			Personnel	4									
Stress 1	MSRC 800-OIL-SPIL	Pascagoula, MS	Offshore Skimmer	1	15,840		Fourchon, LA	100	6.5	1	7	1	15.5
			67" Offshore Boom	560									
			Personnel	4									
WP-1	MSRC 800-OIL-SPIL	Pascagoula, MS	Offshore Skimmer	1	3,017		Fourchon, LA	100	6.5	1	7	1	15.5
			67" Offshore Boom	560									
			Personnel	4									
AARDVAC	MSRC 800-OIL-SPIL	Pascagoula, MS	Offshore Skimmer	1	3,840		Fourchon, LA	100	6.5	1	7	1	15.5
			67" Offshore Boom	560									
			Personnel	4									
Seahorse 4 ID Boat	NRC 800-899-4672	Morgan City, LA	Ord Disk Skimmer	1	1,954	100	Morgan City, LA	210	1	0	15	1	17
			21" Boom	100									
			Personnel	4									
GT-185	MSRC 800-OIL-SPIL	Port Arthur, TX	Offshore Skimmer	1	1,371		Fourchon, LA	100	8	1	7	1	17
			67" Offshore Boom	560									
			Personnel	4									
FOILEX 250	MSRC 800-OIL-SPIL	Galveston, TX	Offshore Skimmer	1	3,977		Fourchon, LA	100	10	1	7	1	19
			67" Offshore Boom	560									
			Personnel	4									
GT-185	MSRC 800-OIL-SPIL	Galveston, TX	Offshore Skimmer	1	1,371		Fourchon, LA	100	10	1	7	1	19
			67" Offshore Boom	560									
			Personnel	4									
Stress 1	MSRC 800-OIL-SPIL	Galveston, TX	Offshore Skimmer	1	15,840		Fourchon, LA	100	10	1	7	1	19
			67" Offshore Boom	560									
			Personnel	4									
WP-4	MSRC 800-OIL-SPIL	Galveston, TX	Offshore Skimmer	1	3,017		Fourchon, LA	100	10	1	7	1	19
			67" Offshore Boom	560									
			Personnel	4									
NRC "Energy" ID Boat	NRC 800-899-4672	Morgan City, LA	Vikoma Sea Skim	1	7,547	300	Morgan City, LA	210	2	1	15	1	19
			21" Boom	2100									
			Personnel	4									
MV Responder MOSS Unit GT-185	AMPOL 800-482-6765	Intracoastal City, LA	GT-185 Skimmer	1	1,371	200	Intracoastal City, LA	230	2	1	17	1	20.5
			36" Expand Boom	720									
			Personnel	4									
GT-260	AMPOL 800-482-6765	New Iberia, LA	GT-260 Skimmer	1	2,743		Intracoastal City, LA	230	2	1	17	1	20.5
			36" Expand Boom	720									
			Personnel	4									

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MC 778 Thunder Horse (>10 Miles) - Offshore On-Water Recovery Activation List													
Skimming System	Supplier & Phone	Warehouse	Skimming Package	Quantity	Recovery Rate (Barrels/Day)	Storage (Barrels)	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)				
									Staging ETA	Loatout Time	ETA to Site	Deployment Time	Total ETA
WP-1	MSRC 800-OIL-SPIL	Tampa, FL	Offshore Skimmer 67" Offshore Boom Personnel Utility Boat	1 660 4 1	3,017		Fourchon, LA	100	13.5	1	7	1	22.5
Seahorse 6 ID Boat	NRC 800-899-4672	Cameron, LA	Ord Disk Skimmer 21" Boom Personnel 146' Utility Boat	1 100 4 1	1,954	100	Cameron, LA	290	1	0	21	1	22.5
NRC "DEFENDER" OSRB	NRC 800-899-4672	Mobile AL	Offshore Skimmer 43" Boom Personnel 198' Barge Boom Boat Offshore Tugs	1 2700 6 1 1 2	29,465	16,500	Mobile, AL	180	2	1	20		23
Gulf Coast Responder Transrec-350	MSRC 800-OIL-SPIL	Lake Charles, LA	Transrec Skimmer 67" Boom 210' Vessel Personnel Tow Bladder	1 1320 1 12 1	10,567	4,000	Lake Charles, LA	310	2	1	22	1	26
Texas Responder Transrec-350	MSRC 800-OIL-SPIL	Galveston, TX	Transrec Skimmer 67" Boom 210' Vessel Personnel 32' Support Boat	1 1320 1 12 1	10,567	4,000	Galveston, TX	365	2	1	26	1	30
NRC "ADMIRAL" OSRV	NRC 800-899-4672	Galveston, TX	Offshore Skimmer 43" Boom Personnel 110' Utility Boat Crew Boat	1 2700 6 1 1	26,125	300	Galveston, TX	365	2	1	26	1	30
NRC "Liberty" ID Boat	NRC 800-899-4672	Tampa, FL	Ord Mag Skimmer 43" Boom Personnel 110' Utility Boat	1 1000 4 1	4,752	322	Tampa, FL	415	1	0	30	1	31.5
MSRC "Lightning"	MSRC 800-OIL-SPIL	Tampa, FL	LORI Brush Skimmer 67" Boom Personnel 47' Fast Response Boat	1 660 4 1	5,000	50	Tampa, FL	415	1	0	30	1	31.5
MSRC "Quick Strike"	MSRC 800-OIL-SPIL	Ingleside, TX	LORI Brush Skimmer 67" Boom Personnel 47' Fast Response Boat	1 660 4 1	5,000	50	Ingleside, TX	505	2	0	36	1	39
Southern Responder Transrec-350	MSRC 800-OIL-SPIL	Ingleside, TX	Transrec Skimmer 67" Boom 210' Vessel Personnel Tow Bladder	1 1320 1 12 1	10,567	4,000	Ingleside, TX	505	2	1	36	1	40
NRC "VALIANT" OSRB	NRC 800-899-4672	Corpus Christi, TX	Offshore Skimmer 43" Boom Personnel 199' Barge Boom Boat Offshore Tugs	1 2600 6 1 1 2	24,000	20,892	Corpus Christi, TX	505	2	1	56	1	60
<b>DERATED RECOVERY RATE (BBL/DAY):</b>										<b>339,207</b>			
<b>SKIMMING VESSEL STORAGE CAPACITY (BARRELS)</b>										<b>59,530</b>			

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MC 77B Thunder Horse (>10 Miles) - Offshore On-Water Recovery Activation List													
Skimming System	Supplier & Phone	Warehouse	Skimming Package	Quantity	Recovery Rate (Barrels/Day)	Storage (Barrels)	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)				Total ETA
									Staging ETA	Loadout Time	ETA to Site	Deployment Time	
MSRC-452 Offshore Barge	MSRC 800-OIL-SPIL	Fort Jackson, LA	Offshore Barge	1		45,000	Fort Jackson, LA	80	2	1	9		12
			Personnel	4									
			Offshore Tug	1									
MSRC-402 Offshore Barge	MSRC 800-OIL-SPIL	Pascagoula, MS	Offshore Barge	1		40,300	Pascagoula, MS	150	2	1	17		19.5
			Personnel	4									
			Offshore Tug	1									
MSRC-570 Offshore Barge	MSRC 800-OIL-SPIL	Galveston, TX	Offshore Barge	1		56,900	Galveston, TX	365	2	1	41		43.5
			Personnel	4									
			Offshore Tug	1									
MSRC Offshore Tank Barge	MSRC 800-OIL-SPIL	Tampa, FL	Offshore Barge	1		36,000	Tampa, FL	415	2	1	46		49
			Personnel	4									
			Tug - 3000 HP	1									
MSRC-403 Offshore Barge	MSRC 800-OIL-SPIL	Ingleside, TX	Offshore Barge	1		40,300	Ingleside, TX	505	2	1	56		59
			Personnel	4									
			Offshore Tug	1									
<b>STORAGE CAPACITY (BARRELS)</b>												<b>218,500</b>	
<b>TOTAL STORAGE CAPACITY (INCLUDING SKIMMING VESSELS) (BARRELS)</b>												<b>278,030</b>	

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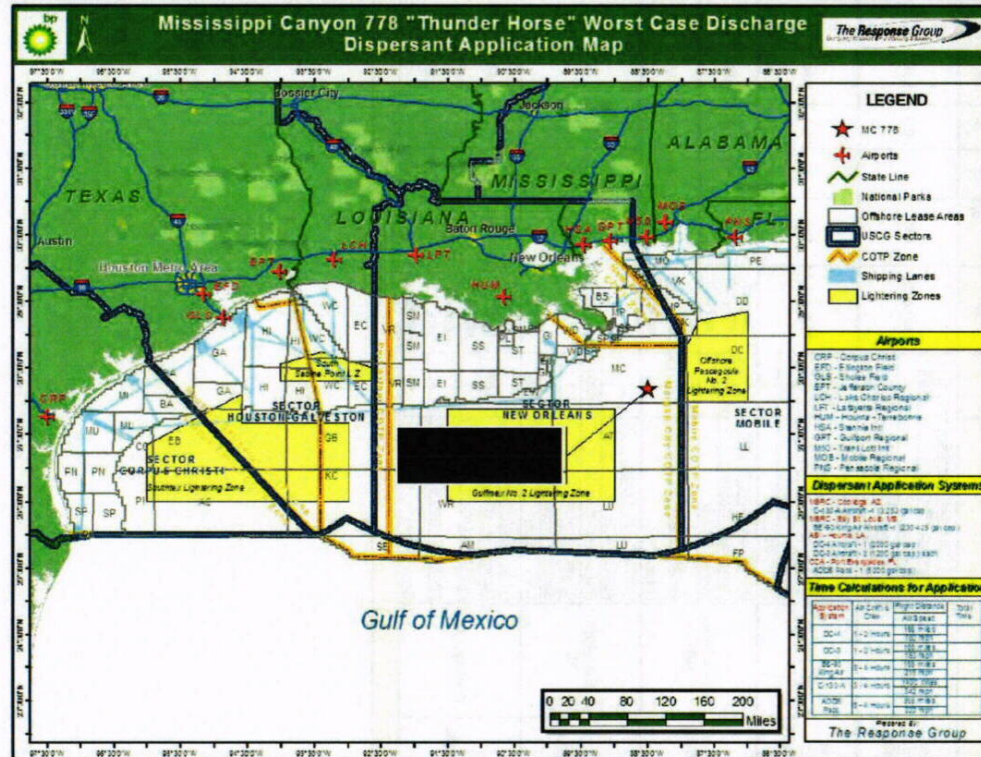
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**MC 778 Thunder Horse (>10 Miles) - Offshore Aerial Dispersant Activation List**

Aerial Dispersant System	Supplier & Phone	Warehouse	Aerial Dispersant Package	Quantity	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)					Total ETA
							Staging ETA	Loadout Time	ETA to Site	Deployment Time		
DC-3 Aircraft Air Speed - 150 MPH	Airborne Support 985-851-6391	Houma, LA	DC-3 Dispersant Aircraft	1	Houma, LA	165	2	0.4	1.10	0.2	3.70	
			Dispersant - Gallons	2000								
			Spotter Aircraft	1								
			Spotter Personnel	2								
			Crew - Pilots	2								
DC-3 Aircraft Air Speed - 150 MPH	Airborne Support 985-851-6391	Houma, LA	DC-4 Dispersant Aircraft	1	Houma, LA	165	2	0.5	0.95	0.3	3.75	
			Dispersant - Gallons	2000								
			Spotter Aircraft	1								
			Spotter Personnel	2								
			Crew - Pilots	2								
BE-90 King Air Aircraft Air Speed - 213 MPH	MSRC 800-OIL-SPIL	Bay St. Louis, MS	BE-90 Dispersant Aircraft	1	Stennis INTL., MS	165	4.00	0.20	0.80	0.20	5.20	
			Dispersant - Gallons	230-425	1st Flight							
			Spotter Aircraft	1								
			Spotter Personnel	2	Stennis INTL., MS							
			Crew - Pilots	2	2nd Flight							
ADDS PACK Air Speed - 330 MPH	Clean Caribbean 985-851-6391	Pt. Everglades, FL	USCG C-130 Aircraft	1	Clearwater, FL	365	24-48	1	1.11	0.5	26.65 to 50.65	
			ADDS PACK	1								
			Dispersant - Gallons	5000								
			Spotter Aircraft	1								
			Spotter Personnel	2								
C130-A Aircraft Air Speed - 342 MPH	MSRC 800-OIL-SPIL	Coolidge, AZ	C130-A Dispersant Aircraft	1	Ellington Field, TX	415	8	0.3	1.25	0.5	10.10	
			Dispersant - Gallons	3250	1st Flight							
			Spotter Aircraft	1								
			Spotter Personnel	2	Stennis INTL., MS							
			Crew - Pilots	2	2nd Flight							

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MC 778 Thunder Horse (>10 Miles) - Offshore Boat Spray Dispersant Activation List											
Boat Spray Dispersant System	Supplier & Phone	Warehouse	Boat Spray Dispersant Package	Quantity	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)				
							Staging ETA	Loadout Time	ETA to Site	Deployment Time	Total ETA
M/V Recovery	AMPOL 800-482-6765	Fourchon, LA	Dispersant Spray System	1	Fourchon, LA	100	1	1	7	1	10
			Dispersant (Gallons)	500							
			Personnel	4							
			110' Utility Boat	1							
Louisiana Responder Transrec-350	MSRC 800-OIL-SPIL	Fort Jackson, LA	Dispersant Spray System	1	Fort Jackson, LA	95	2	1	7	1	11
			Dispersant (Gallons)	880							
			210' Vessel	1							
			Personnel	12							
USCG SMART Team	USCG	Mobile, AL	32' Support Boat	1	Fourchon, LA	100	3	1	7	1	12
			Personnel	4							
			Crew Boat	1							
Mississippi Responder Transrec-350	MSRC 800-OIL-SPIL	Pascagoula, MS	Dispersant Spray System	1	Pascagoula, MS	150	2	1	10.5	1	14.5
			Dispersant (Gallons)	880							
			210' Vessel	1							
			Personnel	12							
Vessel Based Dispersant Spray System	NRC 800-899-4672	Morgan City, LA	Dispersant Spray System	1	Morgan City, LA	210	1	1	15	1	18
			Dispersant (Gallons)	500							
			Personnel	4							
			Crew Boat	1							
M/V Responder	AMPOL 800-482-6765	Cameron, LA	Dispersant Spray System	1	Cameron, LA	290	1	1	20.5	1	23.5
			Dispersant (Gallons)	500							
			Personnel	4							
			110' Utility Boat	1							
Gulf Coast Responder Transrec-350	MSRC 800-OIL-SPIL	Lake Charles, LA	Dispersant Spray System	1	Lake Charles, LA	305	2	1	22	1	26
			Dispersant (Gallons)	880							
			210' Vessel	1							
			Personnel	12							
Texas Responder Transrec-350	MSRC 800-OIL-SPIL	Galveston, TX	Dispersant Spray System	1	Galveston, TX	365	2	1	26	1	30
			Dispersant (Gallons)	880							
			210' Vessel	1							
			Personnel	12							
			32' Support Boat	1							

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<b>Dispersant Stockpiles by Location (Updated 03/2009)</b>			
<b>Supplier &amp; Phone</b>	<b>Location of Dispersants</b>	<b>Type</b>	<b>Quantity in Gallons</b>
Airborne Support, Inc. (ASI) 985-851-6391	Houma, LA	Corexit 9527	3,355
MSRC (800) OIL-SPIL	Slaughter Beach, DE - DBRC Site	Corexit 9527	330
	Chesapeake City, MD - MSRC Site	Corexit 9527	9,130
	Portland, ME - OSRV	Corexit 9527	330
	Perth Amboy, NJ - OSRV	Corexit 9527	330
	Chesapeake City, MD - OSRV	Corexit 9527	330
	Virginia Beach, VA - OSRV	Corexit 9527	330
	San Juan, PR - MSRC Site	Corexit 9527	900
	Kiln, MS - Stennis Airport	Corexit 9527	22,260
	Kiln, MS - Stennis Airport	Corexit 9500	3,960
	Miami, FL - OSRV	Corexit 9527	800
	Pascagoula, MS - OSRV	Corexit 9527	800
	Fort Jackson, LA - OSRV	Corexit 9527	800
	Lake Charles, LA - OSRV	Corexit 9527	800
	Galveston, TX - OSRV	Corexit 9527	800
	Corpus Christi - OSRV	Corexit 9527	330
	Galveston, TX - MSRC Site	Corexit 9500	18,980
	Coolidge, AZ - Coolidge Airport	Corexit 9527	3,300
	Long Beach, CA - Tesoro Terminal	Corexit 9500	10,890
	Terminal Island, CA - OSRV	Corexit 9527	600
	Richmond, CA - MSRC Warehouse	Corexit 9527	11,500
Richmond, CA - OSRV	Corexit 9527	605	
Everett, WA - Everett Warehouse	Corexit 9527	6,495	
Ferndale, WA - CP Refinery	Corexit 9527	6,430	
Port Angeles, WA - OSRV	Corexit 9527	605	
Astoria, OR - OSRV	Corexit 9527	605	
Honolulu, HI - OSRV	Corexit 9527	605	
NRC National Response Corp. John Hielscher 631-224-9141 ext. 142	Morgan City, LA	COREXIT 9527	1,320
	Morgan City, LA	SPC 1000	220
	Morgan City, LA	BIO Disperse	1,045
	Toa Baja, PR	COREXIT 9527	5,005
	St. Croix, VI	COREXIT 9527	1,650
ONDEO Nalco	Sugarland, TX	Corexit 9500	11,000
Clean Caribbean & Americas	Ft. Lauderdale, FL	Corexit 9500	30,360
OSR / EARL +44 (0)20 7724 0102	Southampton, UK	Corexit 9500	5,283
	Bahrain, MENAS Base	Corexit 9500 (1 week activation)	3,963
	Singapore, SG	Corexit 9500 (1 week activation)	8,440
<b>TOTAL QUANTITY (GALLONS)</b>			<b>174,486</b>

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D. Worst Case Discharge scenario for Exploratory Well from Offshore Drilling

1) Worst Case Summary

BP has determined that its worst case scenario for discharge from a mobile drilling rig operation would occur from the Mississippi Canyon 462 lease. MC462 is a planned exploration well targeted for Miocene oil reservoirs. Given the anticipated reservoir thickness and historical productivity index for the Miocene, worst case discharge is expected to be 250,000 barrels of crude oil per day. Calculations are based on formulas defined by MMS regulations. The oil has an estimated API gravity of 26°.

2) Facility Information

- [REDACTED]
- [REDACTED]
- [REDACTED]
- Distance to Shore: 33 miles
- API Gravity: 26 ° (Estimated)
- Oil Storage Volume: 0 barrels

3) Worst Case Discharge Volume

Criteria	Barrels
Highest capacity well uncontrolled blowout volume associated with exploration well	250,000
<b>TOTAL WORST CASE DISCHARGE</b>	<b>250,000</b>

4) Land Segment Identification

Land areas that could be potentially impacted by a MC 462 oil spill were determined using the MMS Oil Spill Risk Analysis Model (OSRAM) trajectory results. The OSRAM estimates the probability that oil spills from designated locations would contact shoreline and offshore natural resources. These probabilities indicate, in terms of percentage, the chance that an oil spill occurring in a particular launch area will contact a certain county or parish within 3, 10, and 30 days.

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OCS Launch Block #57 was utilized as MC 462's point of origin. Land segments identified by the model are listed below:

Area and Spill Site	Land Segment Contact Land Segment No. & County/ Parish & State	Percent Impact Chance		
		3 Days	10 Days	30 Days
Mississippi Canyon 462	Cameron, LA	--	--	1
	Vermillion, LA	--	--	1
	Terrebonne, LA	--	1	2
	Lafourche, LA	--	1	2
	Jefferson, LA	--	--	--
	Plaquemines, LA	4	14	21
	St. Bernard, LA	--	1	3
	Hancock, MS	--	--	1
	Harris, MS	--	--	1
	Jackson, MS	--	--	1
	Mobile, AL	--	--	1
	Baldwin, AL	--	--	1
	Escambia, FL	--	--	1
	Okaloosa, FL	--	--	1
	Walton, FL	--	--	1
	Bay, FL	--	--	1

5) Resource Identification

The land segment that has the highest probability of being impacted by a release from MC 462 is Plaquemines Parish, Louisiana, at 21 percent. Sources listing the resources within Plaquemines Parish are identified in Section 11.

6) Response

BP will make every effort to respond to the Worst Case Discharge as effectively as possible. BP has contracted with National Response Corporation (NRC) and Marine Spill Response Corporation (MSRC) as primary Oil Spill Removal Organizations. Contact information for the OSROs can be found in Figure 7-6A. Upon notification of the spill, BP would request a partial or full mobilization of the resources identified in the attached Appendix E, including, but not limited to, dispersant aircraft from ASI & MSRC and NRC & MSRC skimming vessels. The Qualified Individual, Person in Charge, Incident Commander or designee may contact other service companies if the Unified Command deems such services necessary to the response efforts.

An Adios model was run on a similar product. The results indicate 5% of the product would be evaporated or naturally dispersed within 12 hours, leaving approximately 237,500 barrels on the water.

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Tables below outline equipment as well as temporary storage equipment to be considered in order to cope with an initial spill of 250,000 bbls. The list estimates individual times needed for procurement, load out, travel time to the site and deployment.

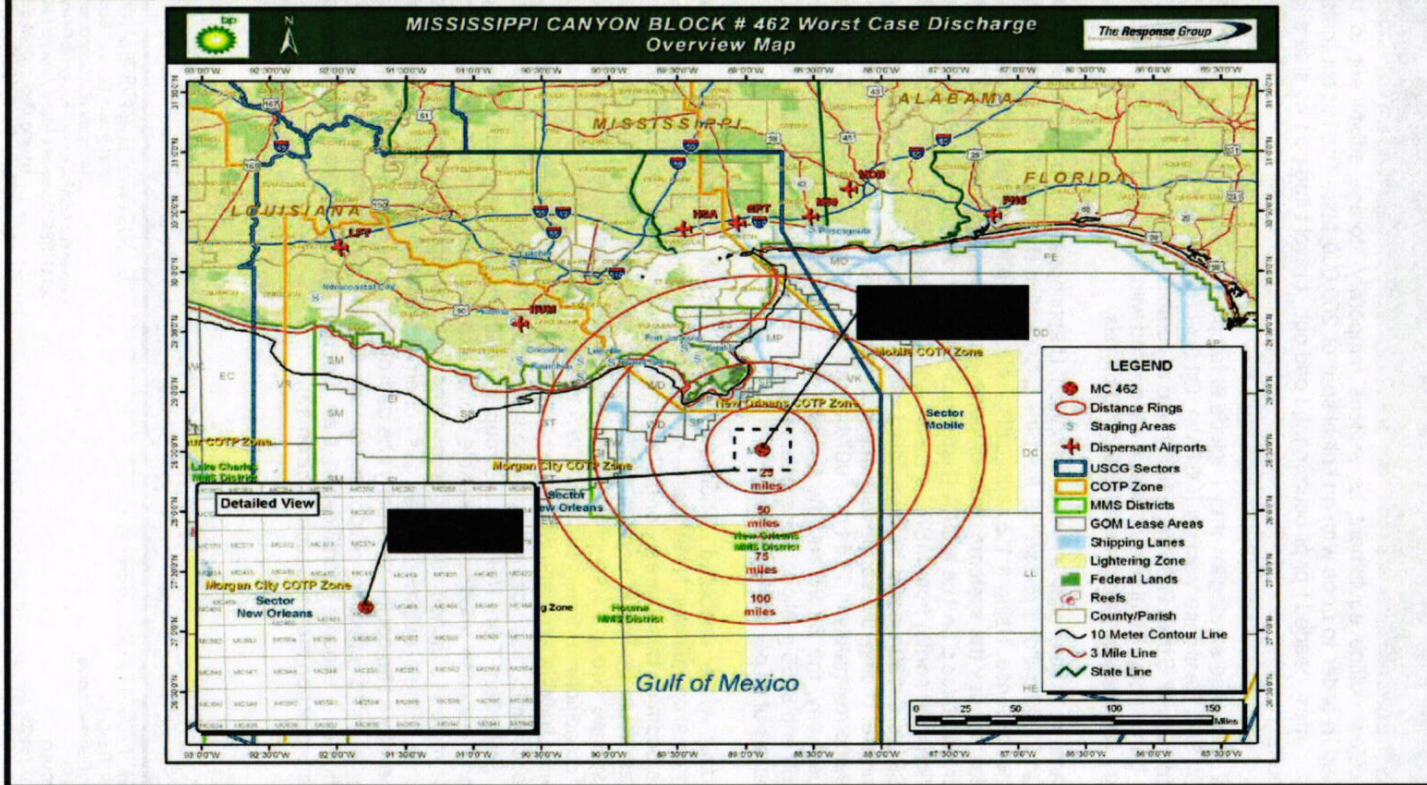
Offshore response strategies may include attempting to skim utilizing MSRC & NRC's Oil Spill Response Vessels (OSRVs), Oil Spill Response Barges (OSRBs), ID Boats, and Quick Strike OSRVs, which have a combined derated recovery rate of 491,721 barrels/day. Temporary storage associated with the identified skimming and temporary storage equipment equals 299,066 barrels.

Dispersants may be a viable response option. If appropriate, 4 to 5 sorties (1,200 gallons to 2,000 gallons per sortie) from the DC-3 within the first 12 hour operating day of the response. Using a 1:20 application rate, 90% effectiveness, and assuming 4-5 sorties per day the systems could disperse approximately 5,486 to 6,857 barrels of oil per day based on the NOAA Dispersant Planner. Additionally, 3 to 4 sorties (300 gallons per sortie) from MSRC's BE-90 and one sortie (3250 gallons per sortie) from MSRC's C-130A could be completed within the first 12 hour operating day of the response. Using the same assumptions as above, these two aircraft could disperse approximately 1,778 to 1,907 barrels of oil in the first day. On each subsequent day, the BE-90 and the C-130A would be able to complete 4-5 sorties each (300 and 3250 gallons per sortie, respectively), for a total amount of 6,080-7,600 barrels of oil per day dispersed.

If the spill went unabated, shoreline impact would depend upon existing environmental conditions. Nearshore response may include the deployment of shoreline boom on beach areas, or protection and sorbent boom on vegetated areas. Strategies would be based upon surveillance and real time trajectories provided by The Response Group that depict areas of potential impact given actual sea and weather conditions. Strategies from the Area Contingency Plan, The Response Group and Unified Command would be consulted to ensure that environmental and special economic resources would be correctly identified and prioritized to ensure optimal protection. The Response Group shoreline response guides depict the protection response modes applicable for oil spill clean-up operations. Each response mode is schematically represented to show optimum deployment and operation of the equipment in areas of environmental concern. Supervisory personnel have the option to modify the deployment and operation of equipment allowing a more effective response to site-specific circumstances. (For more information on resource identification, see Section 11; for more information on resource protection methods, see Section 13.)

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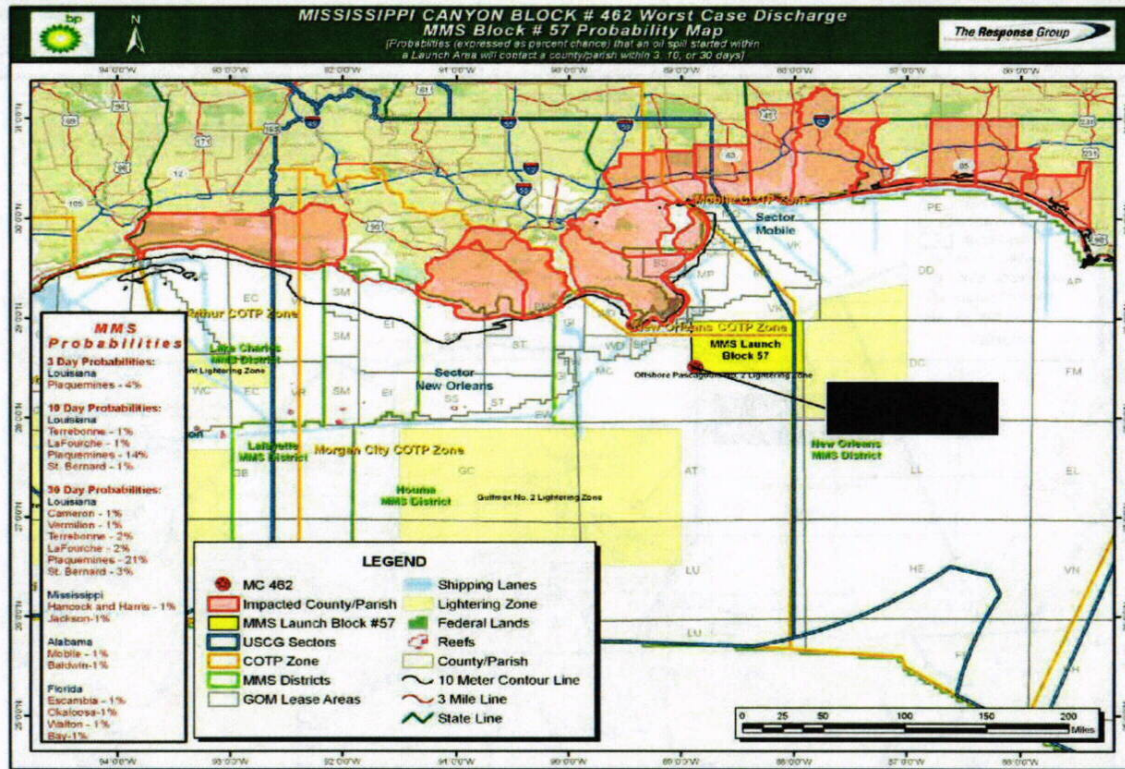
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Regional Oil Spill Response Plan – Gulf of Mexico

Appendix H  
Worst Case  
Discharge



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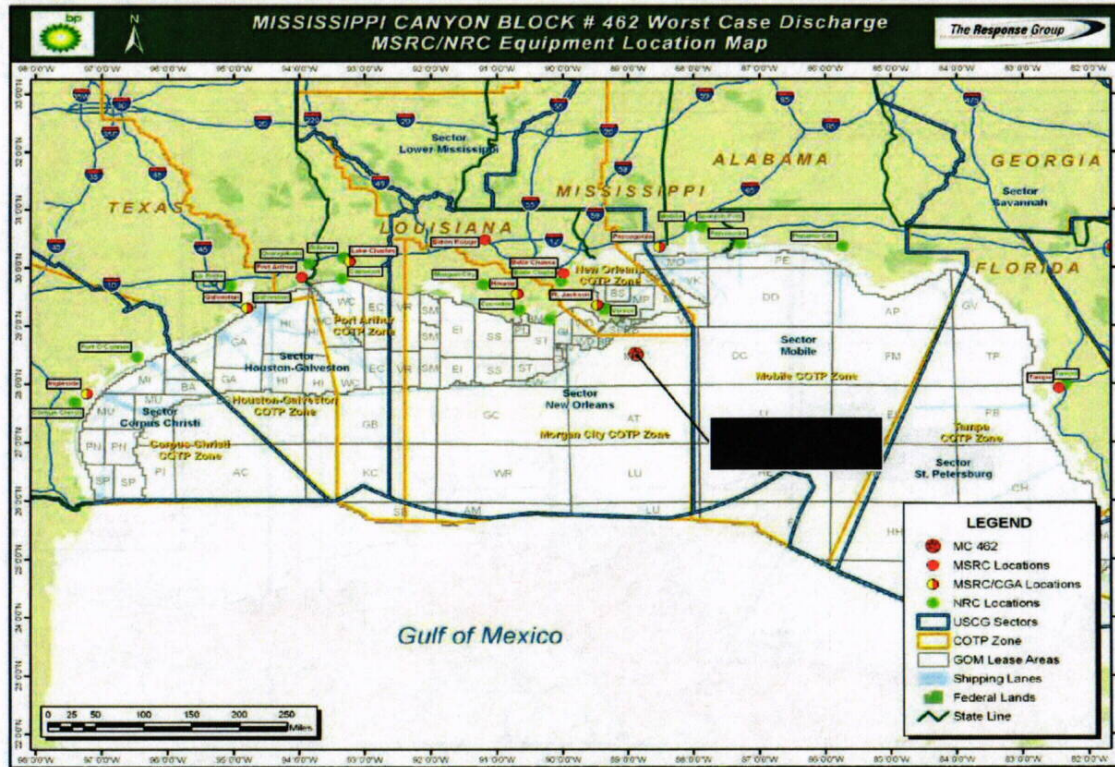
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Regional Oil Spill Response Plan – Gulf of Mexico

Appendix H  
Worst Case  
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Regional Oil Spill Response Plan – Gulf of Mexico

Appendix H  
Worst Case  
Discharge

MC 462 (Exploratory) - Offshore On-Water Recovery Activation List													
Skimming System	Supplier & Phone	Warehouse	Skimming Package	Quantity	Recovery Rate (Barrels/Day)	Storage (Barrels)	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)				
									Staging ETA	Loadout Time	ETA to Site	Deployment Time	Total ETA
Seahorse 5 ID Boat	NRC 800-899-4672	Fourchon, LA	Ord Disk Skimmer	1	1,954	100	Fourchon, LA	90	1	0	6.5	1	8.5
			21' Boom	100'									
			Personnel	4									
			146' Utility Boat	1									
Celeste Elizabeth ID Boat	NRC 800-899-4672	Fourchon, LA	Ord Disk Skimmer	1	1,954	416	Fourchon, LA	90	1	0	6.5	1	8.5
			21' Boom	100'									
			Personnel	4									
			Utility Boat -126'	1									
Louisiana Responder Transrec-350	MSRC 800-OIL-SPL	Fort Jackson, LA	Transrec Skimmer	1	10,567	4,000	Fort Jackson, LA	69	2	1	5	1	9
			67' Boom	1320'									
			210' Vessel	1									
			Personnel	12									
Stress 1	MSRC 800-OIL-SPL	Fort Jackson, LA	Offshore Skimmer	1	15,840		Fort Jackson, LA	69	2	1	5	1	9
			67' Offshore Boom	1320'									
			Personnel	4									
			Utility Boat	1									
FOILEX 250	MSRC 800-OIL-SPL	Fort Jackson, LA	Offshore Skimmer	1	3,977		Fort Jackson, LA	69	2	1	5	1	9
			67' Offshore Boom	1320'									
			Personnel	4									
			Utility Boat	1									
FOILEX 200	MSRC 800-OIL-SPL	Fort Jackson, LA	Offshore Skimmer	1	1,989		Fort Jackson, LA	69	2	1	5	1	9
			67' Offshore Boom	660'									
			Personnel	4									
			Utility Boat	1									
DESMI OCEAN	MSRC 800-OIL-SPL	Fort Jackson, LA	Offshore Skimmer	1	3,017		Fort Jackson, LA	69	2	1	5	1	9
			67' Offshore Boom	1320'									
			Personnel	4									
			Utility Boat	1									
GT-185	MSRC 800-OIL-SPL	Fort Jackson, LA	Offshore Skimmer	1	1,371		Fort Jackson, LA	69	2	1	5	1	9
			67' Offshore Boom	660'									
			Personnel	4									
			Utility Boat	1									
WP-4	MSRC 800-OIL-SPL	Fort Jackson, LA	Offshore Skimmer	1	3,017		Fort Jackson, LA	69	2	1	5	1	9
			67' Offshore Boom	660'									
			Personnel	4									
			Utility Boat	1									
SCS System AB/AW-363	NRC 800-899-4672	Belle Chasse, LA	Marge/VTU Skimmer	1	30,857	124	Venice, LA	123	2.5	1	9	1	13.5
			43' Boom	200'									
			Personnel	4									
			Marine Tank	1									
SOS System FF-332	NRC 800-899-4672	Belle Chasse, LA	Vikoma Skimmer	1	3,154	100	Venice, LA	123	2.5	1	9	1	13.5
			21' Boom	200'									
			Personnel	4									
			Marine Tank	1									
M/V Recovery MOSS Unit SS-50	AMPOL 800-462-6765	Fourchon, LA	MOSS SS-50 Skimmer	1	3,017	200	Fourchon, LA	90	2	1	6.5	1	10.5
			36' Expandi Boom	720'									
			Personnel	4									
			110' Utility Boat	1									
GT-185	MSRC 800-OIL-SPL	Baton Rouge, LA	Offshore Skimmer	1	1,371		Fourchon, LA	90	4.5	1	6.5	1	13
			67' Offshore Boom	660'									
			Personnel	4									
			Utility Boat	1									
Mississippi Responder Transrec-350	MSRC 800-OIL-SPL	Pascagoula, MS	Transrec Skimmer	1	10,567	4,000	Pascagoula, MS	135	2	1	9.5	1	13.5
			67' Boom	1320'									
			210' Vessel	1									
			Personnel	12									
Stress 1	MSRC 800-OIL-SPL	Lake Charles, LA	Offshore Skimmer	1	15,840		Fourchon, LA	90	6.5	1	6.5	1	15
			67' Offshore Boom	1320'									
			Personnel	4									
			Utility Boat	1									

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Worst Case  
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MC 482 (Exploratory) - Offshore On-Water Recovery Activation List													
Skimming System	Supplier & Phone	Warehouse	Skimming Package	Quantity	Recovery Rate (Barrels/Day)	Storage (Barrels)	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)				
									Staging ETA	Loadout Time	ETA to Site	Deployment Time	Total ETA
FOILEX 250	MSRC 800-OIL-SPL	Lake Charles, LA	Offshore Skimmer	1	3,977		Fourchon, LA	90	6.5	1	6.5	1	15
			67" Offshore Boom	1320'									
			Personnel	4									
			Utility Boat	1									
DESMI OCEAN	MSRC 800-OIL-SPL	Lake Charles, LA	Offshore Skimmer	1	3,017		Fourchon, LA	90	6.5	1	6.5	1	15
			67" Offshore Boom	1320'									
			Personnel	4									
			Utility Boat	1									
GT-185	MSRC 800-OIL-SPL	Pascagoula, MS	Offshore Skimmer	1	1,371		Fourchon, LA	90	6.5	1	6.5	1	15
			67" Offshore Boom	860'									
			Personnel	4									
			Utility Boat	1									
Stress 1	MSRC 800-OIL-SPL	Pascagoula, MS	Offshore Skimmer	1	15,840		Fourchon, LA	90	6.5	1	6.5	1	15
			67" Offshore Boom	860'									
			Personnel	4									
			Utility Boat	1									
WP-1	MSRC 800-OIL-SPL	Pascagoula, MS	Offshore Skimmer	1	3,017		Fourchon, LA	90	6.5	1	6.5	1	15
			67" Offshore Boom	860'									
			Personnel	4									
			Utility Boat	1									
AARDVAC	MSRC 800-OIL-SPL	Pascagoula, MS	Offshore Skimmer	1	3,840		Fourchon, LA	90	6.5	1	6.5	1	15
			67" Offshore Boom	860'									
			Personnel	4									
			Utility Boat	1									
SOS System RM-313	NRC 800-899-4672	Spanish Fort, AL	Rope Mop/VTU Skimmer	1	8,352	124	Fourchon, LA	90	7	1	6.5	1	15.5
			21" Boom	300'									
			Personnel	4									
			Marine Tank	1									
			110' Utility Boat	1									
Seahorse 4 ID Boat	NRC 800-899-4672	Morgan City, LA	Ord. Disk Skimmer	1	1,954	100	Morgan City, LA	204	1	0	14.5	1	16.5
			21" Boom	100'									
			Personnel	4									
			145' Utility Boat	1									
SOS System AW-321	NRC 800-899-4672	Beaumont, TX	VTU Weir Skimmer	1	6,857	124	Fourchon, LA	90	8	1	6.5	1	16.5
			21" Boom	100'									
			Personnel	4									
			Marine Tank	1									
			110' Utility Boat	1									
GT-185	MSRC 800-OIL-SPL	Port Arthur, TX	Offshore Skimmer	1	1,371		Fourchon, LA	90	8	1	6.5	1	16.5
			67" Offshore Boom	860'									
			Personnel	4									
			Utility Boat	1									
SOS System WS/AW-359	NRC 800-899-4672	LaPorte, TX	Vikoma/VTU Skimmer	1	12,322	124	Fourchon, LA	90	9	1	6.5	1	17.5
			21" Boom	200'									
			Personnel	4									
			Marine Tank	1									
			110' Utility Boat	1									
SOS System AW-325	NRC 800-899-4672	LaPorte, TX	VTU Weir Skimmer	1	6,857	124	Fourchon, LA	90	9	1	6.5	1	17.5
			21" Boom	200'									
			Personnel	4									
			Marine Tank	1									
			110' Utility Boat	1									
SOS System FF/AW-327	NRC 800-899-4672	Panama City, FL	Vikoma/VTU Skimmer	1	10,011	124	Fourchon, LA	90	9	1	6.5	1	17.5
			21" Boom	300'									
			Personnel	4									
			Marine Tank	1									
			110' Utility Boat	1									
NRC "Energy" ID Boat	NRC 800-899-4672	Morgan City, LA	Vikoma Sea Skim	1	7,547	300	Morgan City, LA	204	2	1	14.5	1	18.5
			21" Boom	2100'									
			Personnel	4									
			Boom Boat	1									
			110' Utility Boat	1									
SOS System FM/AW-329	NRC 800-899-4672	Morgan City, LA	Rope Mop/VTU Skimmer	1	8,352	124	Morgan City, LA	204	2	1	14.5	1	18.5
			21" Boom	200'									
			Personnel	4									
			Marine Tank	1									
			110' Utility Boat	1									

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Appendix H  
Worst Case  
Discharge

MC 462 (Exploratory) - Offshore On-Water Recovery Activation List													
Skimming System	Supplier & Phone	Warehouse	Skimming Package	Quantity	Recovery Rate (Barrels/Day)	Storage (Barrels)	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)				
									Staging ETA	Loadout Time	ETA to Site	Deployment Time	Total ETA
SCS System FF-358	NRC 800-899-4672	Morgan City, LA	Vikoma Skimmer	1	3,154	100	Morgan City, LA	204	2	1	14.5	1	18.5
			21' Boom	200'									
			Personnel	4									
			Marine Tank	1									
SCS System RM-358	NRC 800-899-4672	Morgan City, LA	110' Utility Boat	1									
			Rope Mop Skimmer	1									
			21' Boom	200'									
			Personnel	4									
FOILEX 250	MSRC 800-OIL-SPL	Galveston, TX	Marine Tank	1									
			110' Utility Boat	1									
			Offshore Skimmer	1									
			67' Offshore Boom	660'									
GT-185	MSRC 800-OIL-SPL	Galveston, TX	Personnel	4									
			Utility Boat	1									
			Offshore Skimmer	1									
			67' Offshore Boom	660'									
Stress 1	MSRC 800-OIL-SPL	Galveston, TX	Personnel	4									
			Utility Boat	1									
			Offshore Skimmer	1									
			67' Offshore Boom	660'									
WP-4	MSRC 800-OIL-SPL	Galveston, TX	Personnel	4									
			Utility Boat	1									
			Offshore Skimmer	1									
			67' Offshore Boom	660'									
GT-260	AMPCL 800-482-8765	New Iberia, LA	Personnel	4									
			110' Utility Boat	1									
			Crew Boat	1									
			GT-260 Skimmer	1									
WP-4	AMPCL 800-482-8765	New Iberia, LA	36" Expandi Boom	720'									
			Personnel	4									
			110' Utility Boat	1									
			Crew Boat	1									
WP-4	AMPCL 800-482-8765	New Iberia, LA	Offshore Skimmer	1									
			36" Expandi Boom	720'									
			Personnel	4									
			110' Utility Boat	1									
WP-4	AMPCL 800-482-8765	New Iberia, LA	Crew Boat	1									
			Offshore Skimmer	1									
			36" Expandi Boom	720'									
			Personnel	4									
WP-4	AMPCL 800-482-8765	New Iberia, LA	110' Utility Boat	1									
			Crew Boat	1									
			Offshore Skimmer	1									
			36" Expandi Boom	720'									
WP-1	AMPCL 800-482-8765	New Iberia, LA	Personnel	4									
			110' Utility Boat	1									
			Crew Boat	1									
			Offshore Skimmer	1									
GT-185	AMPCL 800-482-8765	New Iberia, LA	36" Expandi Boom	720'									
			Personnel	4									
			110' Utility Boat	1									
			Crew Boat	1									
WP-3	AMPCL 800-482-8765	New Iberia, LA	Offshore Skimmer	1									
			36" Expandi Boom	720'									
			Personnel	4									
			110' Utility Boat	1									
FOILEX 250	MSRC 800-OIL-SPL	Ingleside, TX	Crew Boat	1									
			Offshore Skimmer	1									
			67' Offshore Boom	660'									
			Personnel	4									
Vikoma 3 Weir	MSRC 800-OIL-SPL	Ingleside, TX	Utility Boat	1									
			Offshore Skimmer	1									
			67' Offshore Boom	660'									
			Personnel	4									

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Appendix H  
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MC 462 (Exploratory) - Offshore On-Water Recovery Activation List													
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									Staging ETA	Loadout Time	ETA to Site	Deployment Time	Total ETA
GT-185	MSRC 800-OIL-SPIL	Ingleside, TX	Offshore Skimmer 67' Offshore Boom Personnel Utility Boat	1 1320' 4 1	1,371		Fourchon, LA	90	13	1	6.5	1	21.5
Stress 1	MSRC 800-OIL-SPIL	Ingleside, TX	Offshore Skimmer 67' Offshore Boom Personnel Utility Boat	1 1320' 4 1	15,840		Fourchon, LA	90	13	1	6.5	1	21.5
WP-1	MSRC 800-OIL-SPIL	Ingleside, TX	Offshore Skimmer 67' Offshore Boom Personnel Utility Boat	1 1320' 4 1	3,017		Fourchon, LA	90	13	1	6.5	1	21.5
SOS System RM-313	NRC 800-899-4672	Corpus Christi, TX	Rope Mop/VTU Skimmer 21" Boom Personnel Marine Tank 110' Utility Boat	1 300' 4 1 1	8,352	124	Fourchon, LA	90	13	1	6.5	1	21.5
SOS System RM/AW-340	NRC 800-899-4672	Corpus Christi, TX	Rope Mop/VTU Skimmer 21" Boom Personnel Marine Tank 110' Utility Boat	1 200' 4 1 1	8,352	124	Fourchon, LA	90	13	1	6.5	1	21.5
Seahorse 6 ID Boat	NRC 800-899-4672	Cameron, LA	Orb Disk Skimmer 21" Boom Personnel 146' Utility Boat	1 100' 4 1	1,954	100	Cameron, LA	263	1	0	20	1	22
SOS System AW-338	NRC 800-899-4672	Tampa, FL	VTU - Weir Skimmer 21" Boom Personnel Marine Tank 110' Utility Boat	1 100' 4 1 1	6,857	124	Fourchon, LA	90	13.5	1	6.5	1	22
GT-185	MSRC 800-OIL-SPIL	Tampa, FL	Offshore Skimmer 67' Offshore Boom Personnel Utility Boat	1 660' 4 1	1,371		Fourchon, LA	90	13.5	1	6.5	1	22
Stress 1	MSRC 800-OIL-SPIL	Tampa, FL	Offshore Skimmer 67' Offshore Boom Personnel Utility Boat	1 660' 4 1	15,840		Fourchon, LA	90	13.5	1	6.5	1	22
WP-1	MSRC 800-OIL-SPIL	Tampa, FL	Offshore Skimmer 67' Offshore Boom Personnel Utility Boat	1 660' 4 1	3,017		Fourchon, LA	90	13.5	1	6.5	1	22
NRC "DEFENDER" OSRB	NRC 800-899-4672	Mobile AL	Offshore Skimmer 43" Boom Personnel 196' Barge Boom Boat Offshore Tugs	1 2700' 6 1 1 2	29,465	16,500	Mobile, AL	159	2	1	17.5	1	21.5
SOS System FF/AW-362	NRC 800-899-4672	Sulphur, LA	Vikoma/VTU Skimmer 21" Boom Personnel Marine Tank 110' Utility Boat	1 200' 4 1 1	10,011	124	Cameron, LA	263	2	1	20	1	24
M/V Responder MOSS Unit GT-185	AMPCL 800-462-6765	Cameron, LA	GT-185 Skimmer 36" Expandi Boom Personnel 110' Utility Boat Crew Boat	1 720' 4 1 1	1,371	200	Cameron, LA	263	2	1	20	1	24
SOS System WS/AW-328	NRC 800-899-4672	Sulphur, LA	Vikoma/VTU Skimmer 21" Boom Personnel Marine Tank 110' Utility Boat	1 200' 4 1 1	12,322	124	Cameron, LA	263	2	1	20	1	24

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Skimming System	Supplier & Phone	Warehouse	Skimming Package	Quantity	Recovery Rate (Barrels/Day)	Storage (Barrels)	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)				
									Staging ETA	Loadout Time	ETA to Site	Deployment Time	Total ETA
SCS System AW-302	NRC 800-899-4672	Ft. Lauderdale, FL	VTU - Weir Skimmer	1	6,857	124	Fourchon, LA	90	15.5	1	6.5	1	24
			21" Boom	100'									
			Personnel	4									
			Marine Tank	1									
SCS System RM/AW-352	NRC 800-899-4672	Ft. Lauderdale, FL	Rope Mop/VTU Skimmer	1	8,352	124	Fourchon, LA	90	15.5	1	6.5	1	24
			21" Boom	300'									
			Personnel	4									
			Marine Tank	1									
Gulf Coast Responder Transrec-350	MSRC 800-OIL-SPL	Lake Charles, LA	Transrec Skimmer	1	10,567	4,000	Lake Charles, LA	320	2	1	23	1	27
			67" Boom	1320'									
			210' Vessel	1									
			Personnel	12									
NRC "Liberty" ID Boat	NRC 800-899-4672	Tampa, FL	Ord Mag Skimmer	1	4,752	322	Tampa, FL	400	1	0	28.5	1	30.5
			43" Boom	1000'									
			Personnel	4									
			110' Utility Boat	1									
MSRC "Lightning"	MSRC 800-OIL-SPL	Tampa, FL	LORI Brush Skimmer	1	5,000	50	Tampa, FL	400	1	0	28.5	1	30.5
			67" Boom	660'									
			Personnel	4									
			47' Fast Response Boat	1									
Texas Responder Transrec-350	MSRC 800-OIL-SPL	Galveston, TX	Transrec Skimmer	1	10,567	4,000	Galveston, TX	366	2	1	26	1	30
			67" Boom	1320'									
			210' Vessel	1									
			Personnel	12									
NRC "ADMIRAL" CSRV	NRC 800-899-4672	Galveston, TX	Offshore Skimmer	1	26,125	300	Galveston, TX	366	2	1	26	1	30
			43" Boom	2700'									
			Personnel	6									
			110' Utility Boat	1									
MSRC "Quick Strike"	MSRC 800-OIL-SPL	Ingleside, TX	LORI Brush Skimmer	1	5,000	50	Ingleside, TX	508	2	0	36.5	1	39.5
			67" Boom	660'									
			Personnel	4									
			47' Fast Response Boat	1									
Southern Responder Transrec-350	MSRC 800-OIL-SPL	Ingleside, TX	Transrec Skimmer	1	10,567	4,000	Ingleside, TX	508	2	1	36.5	1	40.5
			67" Boom	1320'									
			210' Vessel	1									
			Personnel	12									
NRC "VALIANT" CSR	NRC 800-899-4672	Corpus Christi, TX	Offshore Skimmer	1	24,000	20,892	Corpus Christi, TX	533	2	1	59	1	63
			43" Boom	2600'									
			Personnel	6									
			199' Barge	1									
			Boom Boat	1									
			Offshore Tugs	2									
<b>DERATED RECOVERY RATE (BBL/DAY):</b>											<b>491,721</b>		
<b>SKIMMING VESSEL STORAGE CAPACITY (BARRELS):</b>											<b>61,566</b>		

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MC 462 (Exploratory) - Offshore On-Water Recovery Storage List												
Skimming System	Supplier & Phone	Warehouse	Skimming Package	Quantity	Recovery Rate (Barrels/Day)	Storage (Barrels)	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)			
									Staging ETA	Loadout Time	ETA to Site	Deployment Time
MSRC-462 Offshore Barge	MSRC 800-OIL-SPIL	Fort Jackson, LA	3000 BBL Bladders	1		3,000	Fort Jackson, LA	69	2	1	7.5	10.5
			Offshore Barge	1		45,000						
			Personnel	4								
			Offshore Tug	1								
Towable Bladders	MSRC 800-OIL-SPIL	Lake Charles, LA	500 BBL Bladders	16		11,000	Fourchon, LA	90	6.5	1	10	17.5
			3000 BBL Bladder	1								
MSRC-402 Offshore Barge	MSRC 800-OIL-SPIL	Pascagoula, MS	Offshore Barge	1		40,300	Pascagoula, MS	135	2	1	15	16
			Personnel	4								
			Offshore Tug	1								
Towable Bladders	MSRC 800-OIL-SPIL	Miami, FL	500 BBL Bladder	8		4,000	Fourchon, LA	90	16	1	10	27
MSRC-570 Offshore Barge	MSRC 800-OIL-SPIL	Galveston, TX	Offshore Barge	1		56,900	Galveston, TX	366	2	1	40.5	43.5
			Personnel	4								
			Offshore Tug	1								
MSRC Offshore Tank Barge	MSRC 800-OIL-SPIL	Tampa, FL	500 BBL Bladders	2		1,000	Tampa, FL	400	2	1	44.5	47.5
			Offshore Barge	1		36,000						
			Personnel	4								
			Tug - 3000 HP	1								
MSRC-403 Offshore Barge	MSRC 800-OIL-SPIL	Ingleside, TX	Offshore Barge	1		40,300	Ingleside, TX	508	2	1	56.5	59.5
			Personnel	4								
			Offshore Tug	1								
<b>STORAGE CAPACITY (BARRELS):</b>											<b>237,500</b>	
<b>TOTAL STORAGE CAPACITY (INCLUDING SKIMMING VESSELS) (BARRELS):</b>											<b>299,066</b>	

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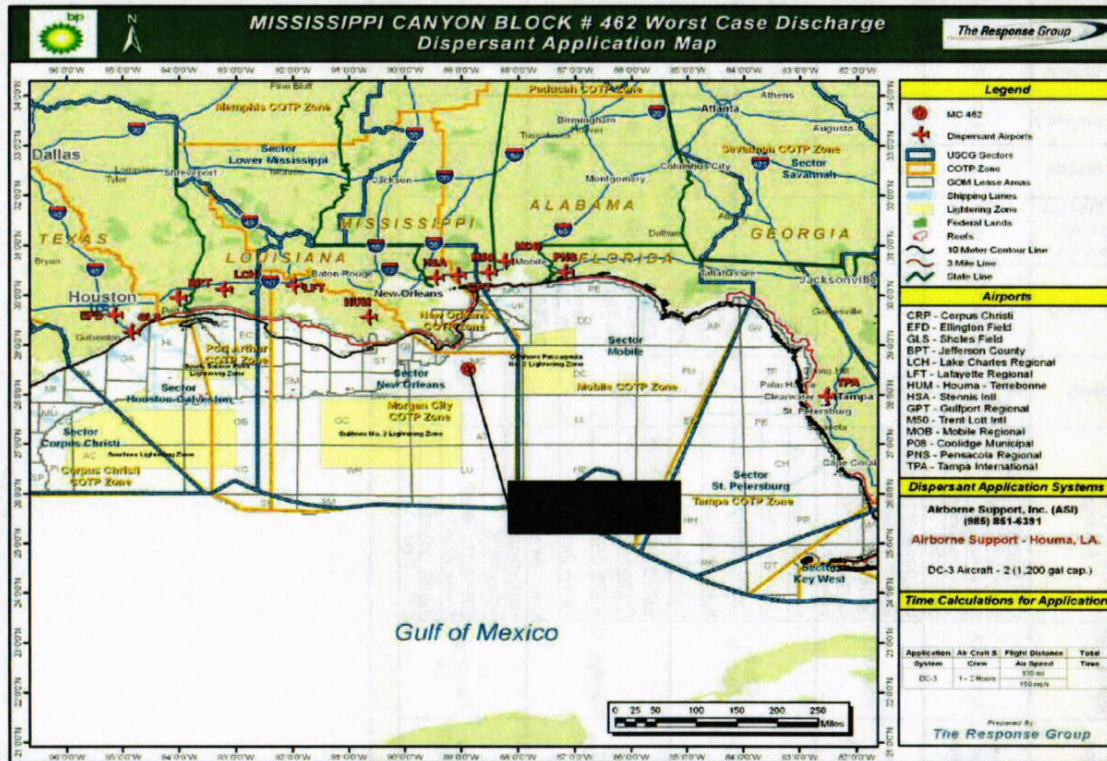
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MC 462 (Exploratory) - Offshore Aerial Dispersant Activation List												
Aerial Dispersant System	Supplier & Phone	Warehouse	Aerial Dispersant Package	Quantity	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)					Total ETA
							Staging ETA	Loadout Time	ETA to Site	Deployment Time		
DC-3 Aircraft Air Speed - 150 MPH	Airborne Support 985-851-6391	Houma, LA	DC-4 Dispersant Aircraft	1	Houma, LA	130	2	0.5	0.75	0.3	3.55	
			Dispersant - Gallons	2000								
			Spotter Aircraft	1								
			Spotter Personnel	2								
			Crew - Pilots	2								
DC-3 Aircraft Air Speed - 150 MPH	Airborne Support 985-851-6391	Houma, LA	DC-3 Dispersant Aircraft	1	Houma, LA	130	2	0.4	0.75	0.2	3.35	
			Dispersant - Gallons	1200								
			Spotter Aircraft	1								
			Spotter Personnel	2								
			Crew - Pilots	2								
BE-90 King Air Aircraft Air Speed - 213 MPH	MSRC 800-OIL-SPIL	Bay St. Louis, MS	BE-90 Dispersant Aircraft	1	Stennis INTL., MS 1st Flight	133	4.00	0.20	0.65	0.20	5.05	
			Dispersant - Gallons	230-425								
			Spotter Aircraft	1	Stennis INTL., MS 2nd Flight	133	0.65	0.20	0.65	0.20	1.70	
			Spotter Personnel	2								
			Crew - Pilots	2								
C130-A Aircraft Air Speed - 342 MPH	MSRC 800-OIL-SPIL	Coolidge, AZ	C130-A Dispersant Aircraft	1	Ellington Field, TX 1st Flight	387	8	0.3	1.15	0.5	10.00	
			Dispersant - Gallons	3250								
			Spotter Aircraft	1	Stennis INTL., MS 2nd Flight	133	0.40	0.3	0.40	0.5	1.65	
			Spotter Personnel	2								
			Crew - Pilots	2								
ADDS PACK Air Speed - 330 MPH	Clean Caribbean 985-851-6391	Pt. Everglades, FL	USCG C-130 Aircraft	1	Clearwater, FL	375	24-48	1	1.14	0.5	26.65 to 50.65	
			ADDS PACK	1								
			Dispersant - Gallons	5000								
			Spotter Aircraft	1								
			Spotter Personnel	2								
			Crew - Pilots	2								

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MC 462 (Exploratory) - Offshore Boat Spray Dispersant Activation List											
Boat Spray Dispersant System	Supplier & Phone	Warehouse	Boat Spray Dispersant Package	Quantity	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)				
							Staging ETA	Loadout Time	ETA to Site	Deployment Time	Total ETA
Louisiana Responder Transrec-350	MSRC 800-OIL-SPIL	Fort Jackson, LA	Dispersant Spray System	1	Fort Jackson, LA	69	2	1	5	1	9
			Dispersant (Gallons)	880							
			210' Vessel	1							
			Personnel	12							
			32' Support Boat	1							
M/V Recovery	AMPOL 800-482-6765	Fourchon, LA	Dispersant Spray System	1	Fourchon, LA	90	1	1	6.5	1	9.5
			Dispersant (Gallons)	500							
			Personnel	4							
			110' Utility Boat	1							
			Crew Boat	1							
USCG SMART Team	USCG	Mobile, AL	Personnel	4	Fourchon, LA	90	3	1	6.5	1	11.5
			Crew Boat	1							
Mississippi Responder Transrec-350	MSRC 800-OIL-SPIL	Pascagoula, MS	Dispersant Spray System	1	Pascagoula, MS	135	2	1	9.5	1	13.5
			Dispersant (Gallons)	880							
			210' Vessel	1							
			Personnel	12							
			32' Support Boat	1							
Vessel Based Dispersant Spray System	NRC 800-899-4672	Morgan City, LA	Dispersant Spray System	1	Morgan City, LA	204	1	1	14.5	1	17.5
			Dispersant (Gallons)	500							
			Personnel	4							
			Crew Boat	1							
M/V Responder	AMPOL 800-482-6765	Cameron, LA	Dispersant Spray System	1	Cameron, LA	283	1	1	20	1	23
			Dispersant (Gallons)	500							
			Personnel	4							
			110' Utility Boat	1							
Gulf Coast Responder Transrec-350	MSRC 800-OIL-SPIL	Lake Charles, LA	Dispersant Spray System	1	Lake Charles, LA	320	2	1	23	1	27
			Dispersant (Gallons)	880							
			210' Vessel	1							
			Personnel	12							
			Tow Bladder	1							
Texas Responder Transrec-350	MSRC 800-OIL-SPIL	Galveston, TX	Dispersant Spray System	1	Galveston, TX	366	2	1	26	1	30
			Dispersant (Gallons)	880							
			210' Vessel	1							
			Personnel	12							
			32' Support Boat	1							

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