Homeland Security

US Department of Homeland Security
Washington, DC 20528

UNCLASSIFIED//FOUO//

SITREP Cover Sheet for: MODU DEEPWATER HORIZON
Agency: USCG **Report Point of contact:** National Command Center CDO [redacted]
Input for: 1600 11 May **Current as of:** 1600 11 May **Classification:** UNCLAS (FOUO)

Executive Summary Input (s)

- Deployment of the Top Hat is expected 13 May; approx 2 weeks before the Top Hat is lowered to the BOP and functional.
- Aviation Patrol discovered possible shoreline impact on Whiskey Island & Orange Beach. Ground SCAT investigating.
- DDII scheduled to arrive 13 May and begin drilling second well on16 May.
- Delivering 150,000 feet of boom from Alaska; no update on arrival / delivery.
- No in situ burns or skimming today due to weather conditions.

Key Current Actions/Decisions (previous 24-48 hrs):

- Gamma ray scan of Blowout Preventer (BOP) conducted to determine ram conditions inside – results pending.
- Boom assigned: 1,175,400 feet.
- Total oily water mixture recovered to date: 97,688 bbls.

Key Future Actions/Decisions (next 24-48 hrs):

- Pursuing four source containment options: containment, BOP, Top Kill, and Relief Wells

Federal Resource Commitment (available/committed/requested/received)

87 DOG Personnel on Scene: 38 GST / 17 AST / 17 PST / 1 NSFCC/ 2 PIAT/ 8 DOG-DE/ 3 MSST
4 CG Cutters: OAK, CYPRESS, HARRY CLAIBORNE, and ELM.
486: USCG (121), MMS, Transocean, BP, NOAA, LA & FL personnel at Unified Area Command in Robert, LA.
917: USCG (135), Transocean, BP & NOAA personnel at Unified Incident Command in Houma, LA/Houston, TX.
3,718: USCG (141), Transocean, BP & NOAA personnel at Unified Incident Command in Mobile, AL.
64: USCG (37) at Unified Incident Command St Petersburg, FL.
1,287: National Guard Troops deployed in four states: (LA, AL, MS, FL).

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SITREP Cover Sheet for: MODU DEEPWATER HORIZON
Agency: USCG **Report Point of contact:** National Command Center CDO [redacted]
Input for: 0200 24 May **Current as of** 0200 24 May **Classification:** UNCLAS (FOUO)

Executive Summary Input (s)

- The Riser Insertion Tube Tool (RITT) remains inserted into the riser. The current average recovery rate on board Drill Rig ENTERRPISE is 4,125 barrels per day.
- Flow Rate Technical Group (FRTG) will deliver a flow rate in next 24-48 hours.
- Skimming operations continue; seven (7) in-situ burns conducted. Fourteen (14) aircraft dispersant sorties conducted.
- 65.6 miles of Louisiana shoreline impacted. Continued clean up at South Pass, Chandeleur, Trinity Island, and Fourchon. .

Key Current Actions/Decisions (previous 24-48 hrs):

- .Surface dispersant applied 23May: 18,104 gals.
- Subsea dispersants applied 23 May: 14,712 gals
- Total oily water mixture recovered to date: 243,839 bbls.
- Boom assigned: 1,731,219 ft regular boom.
- Drill Rig DDII: Drilled to a depth of 8,650 ft below drill floor.
- Drill Rig DDIII: Drilled ahead to approximately 11,000 ft.

Key Future Actions/Decisions (next 24-48 hrs):

- Barge MASSACHUSETTS transferring oil from the ENTERPRISE to a processing facility.
- The Environmental Protection Agency (EPA) issued a directive requiring BP to identify and use a less toxic and more effective dispersant from the list of EPA authorized dispersants. BP has 24 hours to identify a new dispersant and 72 hours to begin using the new dispersant.

Federal Resource Commitment (available/committed/requested/received)

Total Response Personnel assigned: 22,236 as passed by UAC.

11 May 10 (1600 EDT)
USCG Response to DEEPWATER HORIZON
Operational Planning Period 21: 5/11/2010 0700 – 5/12/2010 0700
(new)

BLUF:
BP attempting to install a pressure gauge on the BOP to get an accurate oil release amount; *operation still in progress. British Petroleum (BP), Houston continues researching 4 different options (containment, BOP, Top Kill, and relief wells) to contain the source leak. Two skimming attempts unsuccessful due to rough seas; no in situ burns scheduled today due to weather conditions. Well head continues to discharge approximately 5,000 bbls per day.

Situation Bullets:
- *DDII scheduled to arrive on Thursday, 13MAY and start drilling second well on Sunday, 16 MAY.
- *Status of spill containment: The cofferdam is currently on the sea bed. Resources have been shifted to a smaller device (Top Hat) which is en-route to the source. Deployment of the Top Hat is expected on Thursday, 13 May. It could be up to 2 weeks before the Top Hat is lowered to the BOP and functional.
- *Aviation Patrol discovered possible shoreline impact on Whiskey Island & Orange Beach. Ground SCAT Team investigating today.
- 3 C-17s expected to arrive at Naval Air Station (NAS) New Orleans today 0710, 0920, and 1600. Delivering 150,000 feet of boom from Alaska. No update on arrival/delivery available.
- *No in situ burns or skimming 11 May due to weather conditions.
- Top Hat is being modified at Port Fourchon, LA. Top Hat is a redesign of the top piece of the existing cofferdam that will avoid the build-up of the clogging hydrate crystals.
- Efforts to resolve cofferdam methane hydrate crystal buildup on first cofferdam have been ineffective.
- Sonic scan of riser performed to analyze riser integrity – results pending.
- Gamma ray scan of Blowout Preventer (BOP) conducted to determine ram conditions inside; results pending.
- At 0500 on 10 May, EPA began a 24 hour test (10 gallons per minute) of subsea dispersant application to gauge the impact of the applications of dispersant and the environmental impact. No subsea dispersant applied operationally.
- D8 IMT reported 1 baby whale and 2 porpoise confirmed dead in the vicinity of Ship Island (off Gulfport, AL) on 09 May. Cause of death is unknown; relation to oil spill uncertain. Necropsy pending.
- Two mile long strip of small tar balls washed up on Dauphin Island, AL on 09 May. Shoreline Cleanup Assessment Team (SCAT) deployed and beach cleaned.
- Surface dispersant, skimming and booming operations ongoing.
    - 56,220 gallons of surface dispersants applied in 17 Modular Aerial Spray System (MASS) aerial dispersant sorties.
    - 2 skimming attempts unsuccessful due to rough seas
- Drilling and casing operations continue on the DDIII relief well.
- All shipping channels and ports remain open in the Gulf Coast Region.

- No vessels have required cleaning or de-contamination; teams are on standby if the need arises.
- Boom assigned: 1,175,400 ft
- Definition of "assigned" as per ICS Form 209 Instructions: item has been allocated for a specific task
- Oily water mixture recovered: Today: 0 bbls Total: 97,688 bbls
- Surface dispersants applied: Today: 56,220 gallons Total: 428,307 gallons
- *Subsea dispersants applied: Today: 11,500 gals Total: 27,899 gals
- Wildlife Impact: Today: 1 Total: 17
- *Total vessels assigned: 1,156
- *Total Fixed Wing Aircraft assigned: 13
- *Total Helo Aircraft assigned: 26
- *Total Response Personnel assigned: 13,853
- *On-scene weather: Wind – SE winds 10-15 kts; Seas – 3-4 ft choppy, weather is expected to worsen throughout the day and into tomorrow.
- Unified Area Command: Robert, LA.
- Incident Command Posts: Houma, LA, Mobile, AL, St. Petersburg, FL.
- Staging areas – 14
- Source Control Operations: Houston, TX

Current Operations:

Coast Guard		Non Coast Guard	
Surface	CGC OAK anchored/ on scene with SORS CGC CYPRESS underway in the vicinity of Chandeluer Islands CGC HARRY CLAIBORNE moored at Station Gulfport CGC ELM enr ETA 15 May.	Surface	Task Force MSRC 1, 2 and AMPOL will be working with the HOSS barge near the source location. Task Force MSRC 3 (OSRV FLORIA RESPONDER) working the eastern finger of the oil slick.
Air	NTR	Air	20 dispersant sorties
COMMS	Enhanced Mobile Incident Command Post (EMICP) & Communications Vehicle (MCV) arrived Robert, LA		

Personnel:

- 87 DOG Personnel on Scene (38 GST / 17 AST / 17 PST / 1 NSFCC/ 2 PIAT/ 8 DOG/1 MSST NOLA/1 MSST Kings Bay/1 MSST Hono)
- 486: USCG (121), MMS, Transocean, BP, NOAA, LA & FL personnel at Unified Area Command in Robert, LA.

- 917: USCG (135), Transocean, BP & NOAA personnel at Unified Incident Command in Houma, LA/Houston, TX.
- 3,718: USCG (141), Transocean, BP & NOAA personnel at Unified Incident Command in Mobile, AL.
- 64: USCG (37) at Unified Incident Command St Petersburg, FL.
- National Guard Bureau is reporting 1,287 personnel deployed in four States.

[redacted]

[redacted]

From: [redacted]
Sent: Wednesday, May 19, 2010 12:01 PM
To: HQS-PF-fldr-NIC HQ Situation Unit; D05-SMB-CAA-LANT30cc; D05-SMB-LANTIMT; D08-DG-District-IMTWatch
Subject: 1100 SIT UPDATE

Categories: FYI

•Skimming Ops: Skimming ops scheduled

•Surface dispersants: No dispersant flights are scheduled for today due to weather

•Controlled Burns: Controlled burns are scheduled

•Total Boom deployed: 1,388,050 feet

•Oily water mixture recovered: Last Period: 13,903 bbls Total: 187,476 bbls

•Surface dispersants applied: Last Period: 11,709 gal Total: 600,716 gal

•Sub-sea dispersants applied: Last Period: 5,250 gal Total: 55,399 gal

•Wildlife Impact: Last Period: 2 Total: 38

•Total vessels assigned: 2,779 Available/staged: 1,744 Assigned: 1,035

•Total Fixed Wing Aircraft assigned: 18

•Total Helo Aircraft assigned: 39

•Total Response Personnel assigned: 19,403

•On-scene weather: Winds: VRBL 5kts (AM), SE 5kts (PM); Seas 2ft or less, light chop; Visibility >6SM

•Staging areas: Grand Isle, LA; Slidell, LA; Shell Beach, LA; Venice, LA; Pass Christian, MS; Gulfport/Biloxi, MS; Pascagoula, MS; Theodore, AL; Dauphin Island, AL; Orange Beach, AL; Pensacola, FL; Panama City, FL; Cocodrie, LA; Amelia, LA; St. Mary, LA; Port St. Joe, FL; St. Mark, FL

•Any other pertinent updates: Nothing to report

[redacted]

From: [redacted]
Sent: Thursday, May 20, 2010 12:08 PM
To: HQS-PF-fldr-NIC HQ Situation Unit; D05-SMB-CAA-LANT30cc; D05-SMB-LANTIMT; D08-DG-District-IMTWatch
Subject: 1100 SIT UPDATE

Categories: FYI

•Skimming Ops: Skimming ops scheduled

•Surface dispersants: Dispersant flights scheduled

•Controlled Burns: Controlled burns scheduled

•Total Boom deployed: 1,436,500 feet

•Oily water mixture recovered: Last Period: 11,849 bbls Total: 199,325 bbls

•Surface dispersants applied: Last Period: 3,350 gal Total: 604,066 gal

•Sub-sea dispersants applied: Last Period: 3,463 gal Total: 58,862 gal

•Wildlife Impact: Last Period: 13 Total: 51

•Total vessels assigned: 2,994 Available/staged: 1,874 Assigned: 1,120

•Total Fixed Wing Aircraft assigned: 17

•Total Helo Aircraft assigned: 37

•Total Response Personnel assigned: 24,759

•On-scene weather: Winds: SE 11-12kts; Seas 2-3ft, choppy; Visibility >6SM

•Staging areas: Grand Isle, LA; Slidell, LA; Shell Beach, LA; Venice, LA; Pass Christian, MS; Gulfport/Biloxi, MS; Pascagoula, MS; Theodore, AL; Dauphin Island, AL; Orange Beach, AL; Pensacola, FL; Panama City, FL; Cocodrie, LA; Amelia, LA; St. Mary, LA; Port St. Joe, FL; St. Mark, FL

•Any other pertinent updates:
-Drill Rig DDII: Drilling operations remain on schedule. Currently continuing maintenance to Blow Out Preventer stack started on 18 May. Current drill depth is 253 ft below sea floor. Preparing to commence drilling next hole section today.

- RITT remains in place and is working well. Updated data indicates it is currently recovering about 5,000 bbl/day of oil and 15 million cubic feet of natural gas barrels on board the ENTERPRISE. The visible oil plume escaping from the riser pipe has noticeably declined today as the flow increases into the RITT.

-RITT-2 being loaded on a vessel for deployment to the sea bed floor. RITT-2 will be in Port Fouchon on 20 May, ETA to spill site 21 May.

Aerial Dispersants Operations - Houma Status Report

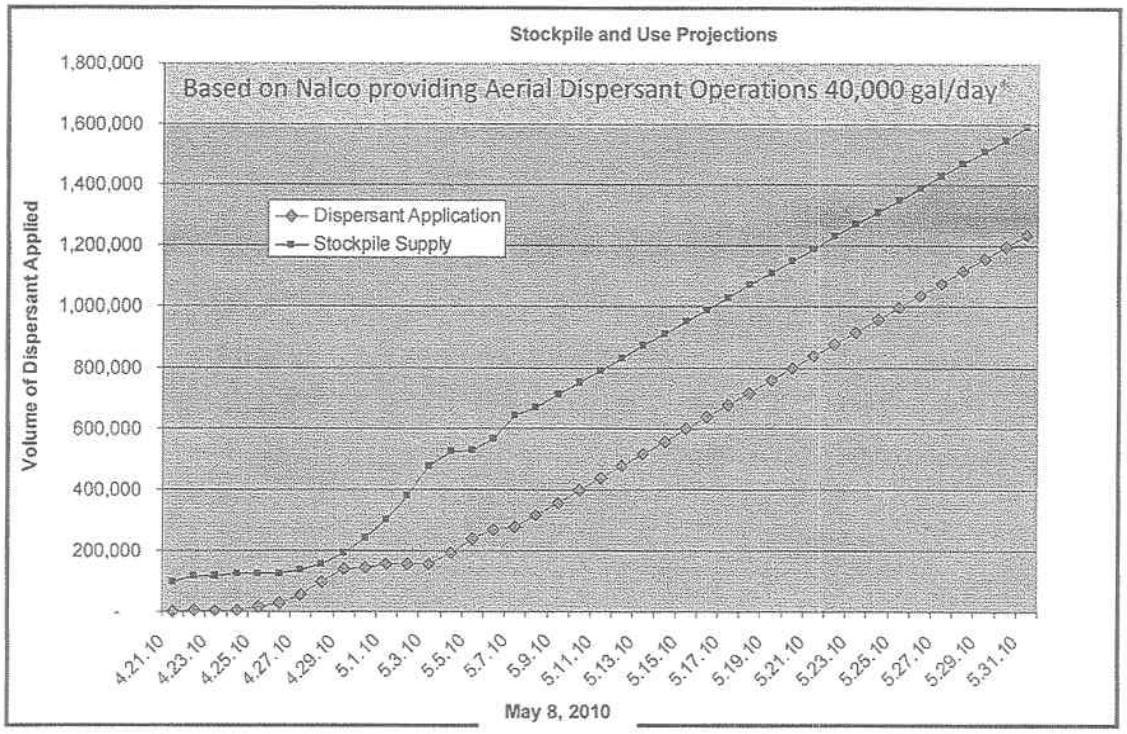
May 8, 2010

Note: This information is the reporting for aerial dispersant spraying

Dispersant Aerial Spray Summary:

1. Total Amount of Dispersant Applied on May 8, 2010 (gallons):	41,690
2. Total Sorties on May 8, 2010 :	17
3. Total Amount of Dispersant Applied to date (gallons):	316,155
4. Total Sorties to date:	120
5. Total Area Covered by Dispersant Applications to date (mi^2):	99.25
6. Total Dispersant Stockpiles on the ground as of 5.8.2010 – 1200 PM (gallons):	456,349
7. Dispersant Stockpile Expected Arrival as of 5.9.10 – 1200 PM (gallons):	40,000
8. Estimated Total Dispersant as of 5.9.2010 - 1200 PM (gallons):	496,349
9. Projected Days Operational at maximum rate of 40,000 gal/day (days):	unlimited

Dispersant Stockpile Supply and Use Projections



*Includes stock pile arrivals from Saudi Arabia and Hawaii.

Asset Summary On Scene	
Spray Aircraft:	
C-130 – Stennis (1 IAR, 1 Lynden, 3 USAF)	5
DC-3 - Houma	2
BT-67 - Houma	1
King Air – 2 – Stennis (can be used for spotting)	2
AT-802 – Stennis	1
TOTAL:	11
Spotter Aircraft:	
King Air – 5 – Stennis	5
Aztec - Houma	1
Aero COMDR - Houma	1
TOTAL:	7
TOTAL AIRCRAFT:	18
PRIORITY Spray Assets Identified*	
Spray Aircraft:	**LEAD TIME**
C-130 – OSR-UK (20,000 gal/day) + 8-person support team with 2 flight crews	1 – 28 hours
C-130 – OSR-Singapore - (20,000 gal/day)	1 – 72 hours
C-130 – Lynden (Alaska) - (20,000 gal/day)	1 – 5+days
C-130 – IAR (15,000 gal/day)	1 – TBD
Boat Spray 50 and 100 Systems	2
AT 802 (Agriculture Spray Planes) (5,000 gal/day)	1
***NOTE:** These assets will not be activated until sufficient stockpile of dispersants are available for their use. Estimate that dispersant operations will need approximately 75,000 gallons per day of dispersant for these air craft spray systems.	
Additional Spray Assets Identified	
Neat Sweep	In area
Identification of Additional NCP-List Dispersants for Consideration	
• Sea Brat #4 (D-10) • JD-2000™ (D-7) • Dispersit SPC 1000™ (D-5) • NOKOMIS 3-AA (D-14) • Biodispers (D-9) • SAF-RON Gold (D-12)	

Activity Update:

- Requested a source oil sample from the subsea riser to allow chemical characterization of the source oil to assist in evaluation of dispersant effectiveness.
- Developing sampling program and chain of custody for Tier 2 / 3 SMART samples.
- Evaluated preliminary data on dispersant candidate effectiveness and toxicity and prioritized samples for field trials. Based on our evaluations, we recommended that SEA BRAT #4 be the first alternate dispersant to evaluate effectiveness in field trials.
- Established new Surface to Air Frequency at 127.85. Hand held aviation frequency radios are being supplied to SMART teams for surface to air communication to better coordinate operations with spotter aircraft.
- Evaluated logistics for establishing forward staging location and accommodations for SMART teams
- AT-802 is being reposition at Stennis and is going through Pilot review and spray system calibration. Anticipate training operations to commence on May 10, 2010.
- Two additional Ayles Fernie Boat Spray 50 systems and additional resources and SMART Teams enroute from OSRL.
- Requested the Region VI Regional Response Team (RRT) modify the existing dispersant pre-authorization document to include the use of boat spray application operations within the pre-authorized zone under the current application rates and conditions when approved will request vessel assets to commence near shore operations.
- Identifying boat spray equipment which sprays neat and developing operations plan and procedures for boat spray operations.
- Conducting boat spray test of four NCP dispersant products to determine their efficacy in the field on both emulsified and fresh oils.
- Today, a worker was injured during routine stockpile transfer operations. The worker reported for medical treatment and returned to duty. The incident is under review.
- Initial operating procedures for coordinating spraying with SMART teams was successful and will be used for future joint operations.

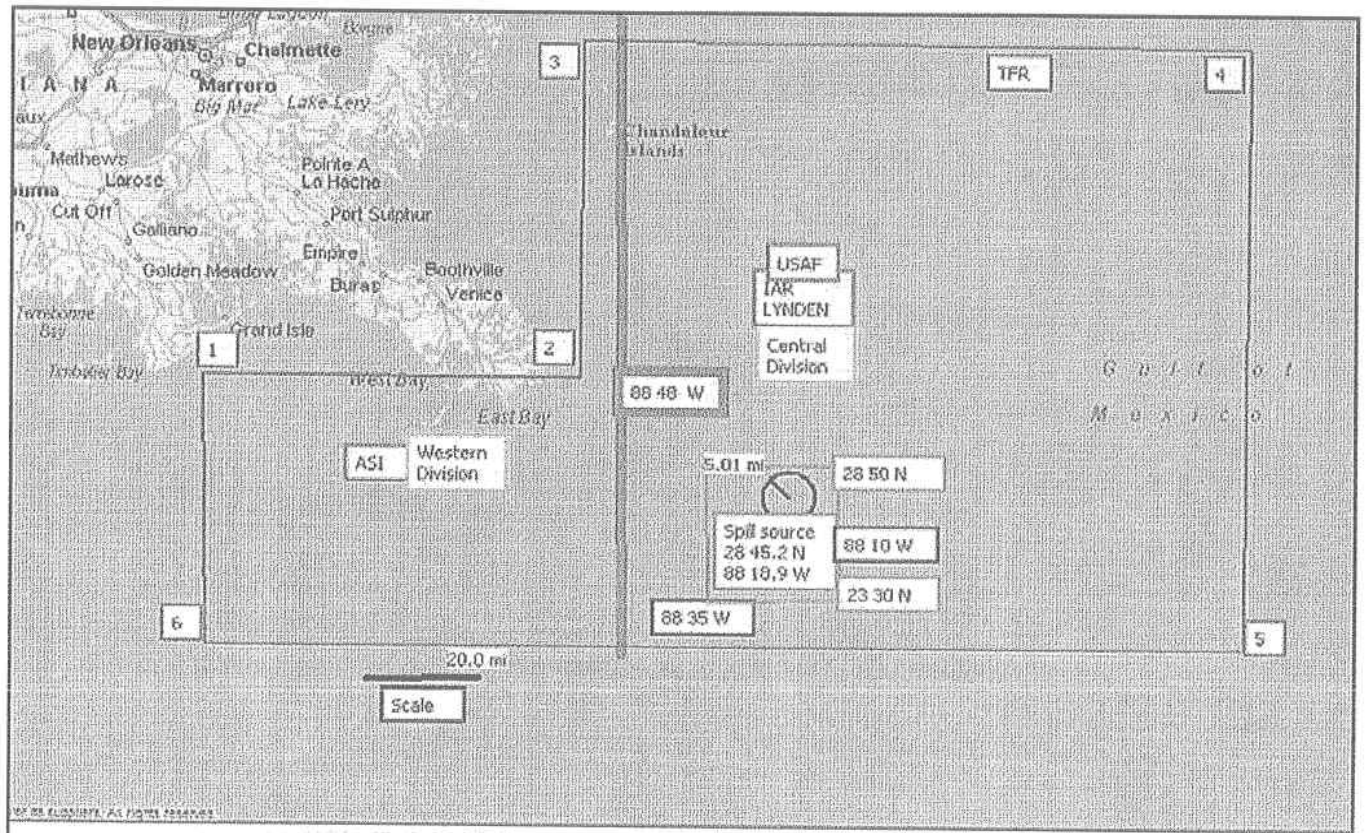
Objectives

Objectives for May 8th are to focus spraying on thick oil areas outside of 5 nm radius around spill source and to evaluate the efficacy of the other likely dispersants candidates from the NCP Product Schedule. Additionally, boat spray testing of alternate dispersants will continue new Chandeleur Islands and the source area.

Requirements

Aircraft spotters should be on site in their zone at 0600 and spray aircraft may pre-stage to the site at 0645. Spray operations to commence approximately 0700.

Aerial Dispersant Operations Divisions:



TFR		
	1. 29 05 N 90 40 W	4. 30 00N 87 00 W
	2. 29 05 N 89 00 W	5. 28 20 N 87 00 W
	3. 30 00 N 89 00 W	6. 28 20 N 90 40 W

DISPERSANT APPLICATION GUIDANCE FOR 8 MAY

1. In situ burn operations were cancelled for today; therefore, the "No Fly / Spray" boundary box was removed for today's spray operations.
2. Maintain buffer of **3 nm** each side of division boundary.
3. No dispersant spraying within the greater of **3 nm** offshore or depths less than **10 meters.**
4. Remain **2 nm** from boats, platforms, and marine mammals.
5. Target black and brown oil as this is the freshest and most dispersible oil.
6. Target reddish brown oil further away from the source and apply double spray passes
7. Report takeoff and land times to assigned coordinators as they occur. Report areas sprayed Latitude/Longitude, Time started spraying, number of passes, and gallons applied.
8. Coordination Frequency 126.70
    a. Contact vessel "Seacor Lee" to announce spray operations.
    b. Contact P3 aircraft "Omaha 99" for flight advisories. (Sec. freq. 123.45)
    c. VHF Channel 127.85 is now available for comms between surface SMART teams and overhead spotting aircraft.
9. Use discrete IFF codes as provided on separate correspondence.

Primary emphasis is always on Safety
Emphasis of the day is on SMART inclusion in our dispersant effort.

Dispersant Spray Assets

Aircraft Information –May 8, 2010						
Type	Owner/ Operator	Tail #	Payload (gal)	Airport / Status	Purpose & Altitude	Comments
Spotters						
King Air	MSRC (Dynamic)	N39Q		Stennis	Spotter – 1,000' to 1,500'	
King Air	MSRC (Dynamic)	N98N		Stennis	Spotter – 1,000' to 1,500'	
King Air	MSRC (Dynamic)	N41J		Stennis	Spotter – 1,000' to 1,500'	
King Air	MSRC (Dynamic)	N79W		Stennis	Spotter – 1,000' to 1,500'	
King Air	MSRC (Dynamic)	N37H		Stennis	Spotter – 1,000' to 1,500'	
Aztec (PA 23)	ASI	N141183		Houma	Backup Spotter	
Aero COMDR	ASI	N38WA		Houma	Spotter	
Recon						
King Air	ASI	N275		Houma	Recon	
Helo	ASI	759P		Houma	Recon	
Sprayers						
King Air	MSRC (Dynamic)	N7198Y	240	Stennis	Spray: 75'	Available for both Spray and Spotter duties
King Air	MSRC (Dynamic)	N71999D	240	Stennis	Spray: 75'	Available for both Spray and Spotter duties
C-130	IAR	N117TG	3,000	Stennis	Spray: 75'	
C-130	MSRC (Lynden)	N403LC	5,000	Stennis	Spray: 75'	Plus 5 other crew members
C-130	Air Force	105	1675	Stennis	Spray: 75'	
C-130	Air Force	106	1675	Stennis	Spray: 75'	Cargo ops with spray capability
C-130	Air Force	107	1750	Stennis	Spray: 75'	
AT-802		N9002K	800	Stennis	Spray: 90'	
BT-67	ASI	N932H	1,800	Houma	Spray: 75'	
DC-3	ASI	N64766	1,000	Houma	Spray: 75'	
DC-3	ASI	N64767	1,000	Houma – Standby	Spray: 75'	

Dispersant Application Totals

Dispersant Statistics Applied by Day						
Date	Dispersant Type (gallons)		Daily Totals	# Sorties	Acres Covered (5 gal/acre application rate)	Square Miles covered
	9500	9527				
21 April 2010	Initial Response Date					
22 April 2010	0	1,800	1,800	1	360	0.56
23 April 2010	0	0	0	0	0	0
24 April 2010	0	0	0	0	0	0
25 April 2010	0	11,604	11,604	9	2,320.8	3.7
26 April 2010	0	14,486	14,486	10	2,897.2	4.5
27 April 2010	11,191	15,887	27,078	5	5,415.6	8.5
28 April 2010	27,269	14,874	42,143	15	8,428.6	13.2
29 April 2010	36,913	4,000	40,913	13	8,182.6	12.8
30 April 2010	4,900	0	4,900	1	980.0	1.5
1 May 2010	3,550*	8,103*	11,653	4	2,330.6	3.6
2 May 2010	0	0	0	0	0	0
3 May 2010	0	0	0	0	0	0
4 May 2010	10,561	23,712	34,273	12	6,854.6	10.7
5 May 2010	30,905*	18,670*	49,575	18	9915	15.5
6 May 2010	13,032	15,738	28,770	11	5,754	9.0
7 May 2010	5,582	1,688	7,270	4	1,454	2.3
8 May 2010	17,813	23,877	41,690	17	8,338	13.0
TOTALS	**161,716**	**154,439**	**316,155**	**120**	**63,231**	**98.86**

*Correction – revised to reflect information transposition.

Distribution List

BP Operations Section - Dispersant Group members – Houma
– Operations Section – Houston
(USCG) – Operations Section – Houma
(USCG) – Operations Section – Houma
(BP) –
(MSRC) – Dispersants Staging Site Manager – Stennis
(MSRC) – Dispersants Staging Site Supervisor – Stennis
ASI – Houma Airport (airbourne@airbournesupport.com)
– TRG
– BP – Houston
– BP –Area Command
– Deputy OPS – Houma
– Ops Section Chief –
- BP Planning Section Chief –
BP Planning, Critical Resources – Area –
, BP Logistics - Procurement -
– BP Situation UL –
– BP Planning Situation –
– USAF –
NOAA SSC -
– BP Houston -
– BP Houma – Environmental -
– EPA – Area -
– EPA – Area -
- ISB Operations -
– ISB Operations –
– BP-
– Logistics –
– BP Situation Unit Leader -
– Houma –

DATE: May 8, 2010

Payload #	TYPE A/C	TAIL #	PURPOSE	FUEL LOAD (#/Hrs:Min)	PAYLOAD GAL & TYPE	TOTAL FLT TIME	DPT TIME EST/ACT	ENTRY ETA EST/ACT	EXIT ETA EST/ACT	RETURN ETA EST/ACT
	BE90	89N	Spotter	6	0	2:50	0530/0657	0615	0810	0850/1100
1	C-130	N117TG	Spray	4	3000/9527	2:10	0620/0748	0640	0810	0830/1031
2	C-130	N403LC	Spray	4	5000/9527	2:10	0625/0830	0645	0815	0835/1150
	Aero Cmdr	N64766	Spotter	5	0	2:10	0740/0717	0815	0905	0950/1104
3	BT-67	N932H	Spray	4	1844/9500	2:15	0720/0841	0820	0835	0935/1032
4	DC-3	N64766	Spray	4	990/9500	2:30	0724/0857	0824	0845	0945/1128
	BE90	98Y	Spotter	4	0	2:50	0815/0901	0900	1015	1135/1140
5	C-130	105	Spray	4	1728/9500	2:30	0830/0915	0900	0930	1001/1300
	BE90	39Q	Spotter	4	0	2:50	0820/1004	0902	1017	11451401
6	C-130	107	Spray	4	1792/9500	2:30	0845/1048	0915	0945	1015/1244
	BE90	37H	Spotter	6	0	2:35	0955/1115	0925	1205	1240/1501
7	C-130	N117TG	Spray	4	2948/9527	2:30	1000/1145	1030	1200	1230/1351
8	C-130	N403LC	Spray	4	5003/9527	2:30	1005/1245	1035	1205	1235/1433
	Aero Cmdr	N64766	Spotter	5	0	2:10	1125/1240	1205	1250	1335/1408
9	BT-67	N932H	Spray	4	1853/9500	2:05	1100/1232	1205	1220	1305/1409
~~10~~	~~DC-3~~	~~N64766~~	~~Spray~~	~~4~~	~~1000~~	~~2:30~~	~~1105~~	~~1210~~	~~1230~~	~~1300~~
	BE90	89N	Spotter	4	0	2:50	1150/1330	1220	1345	1430/1739
11	C-130	105	Spray	4	1675/9500	2:30	1215/1427	1245	1320	1400/1545
	BE90	79W	Spotter	4	0	2:50	1140/1550	1222	1345	1410/1825
12	C-130	107	Spray	4	1750/9500	2:30	1218/1351	1247	1325	1355/1500
~~[illegible]~~	~~BE90~~	~~N117TG~~	~~Spotter~~	~~6~~	~~0~~	~~2:40~~	~~[illegible]~~	~~1425~~	~~1505~~	~~1540~~
13	C-130	N117TG	Spray	4	2926/9527	2:30	1400/1457	1430	1505	1540/1639
14	C-130	N403LC	Spray	4	5000/9527	2:30	1400/1545	1430	1505	1535/1735
	Aero Cmdr	N64766	Spotter	5	0	2:20	1510/1507	1605	1645	1730/1750
15	BT-67	N932H	Spray	4	1852/9500	2:25	1500/1508	1605	1625	1725/1740
	DC-3	N64766	Spray	4	904/9500	2:30	1505/1549	1605	1640	1740/1745
~~[illegible]~~	~~BE90~~	~~39Q~~	~~Spotter~~	~~6~~	~~0~~	~~1:55~~	~~[illegible]~~	~~1725~~	~~1820~~	~~1945~~
~~16~~	~~C-130~~	~~N117TG~~	~~Spray~~	~~4~~	~~5000~~	~~2:30~~	~~1700~~	~~1730~~	~~1805~~	~~1835~~
~~17~~	~~C-130~~	~~N403LC~~	~~Spray~~	~~4~~	~~5000~~	~~2:30~~	~~1700~~	~~1730~~	~~1810~~	~~1840~~
~~[illegible]~~	~~BE90~~	~~[illegible]~~	~~Spotter~~	~~4~~	~~0~~	~~2:50~~	~~1845~~	~~1935~~	~~1907~~	~~2000~~
18	C-130	105	Spray	4	1675/9500	2:30	1805/1600	1835	1905	1945/1801
~~[illegible]~~	~~BE90~~	~~79W~~	~~Spotter~~	~~4~~	~~0~~	~~2:50~~	~~1750~~	~~1830~~	~~1907~~	~~2000~~
19	C-130	107	Spray	4	1750/9500	2:30	1807/1622	1835	1907	1937/1830
				Total	41,690	9500	17,813			
						9527	23,877			

DAILY AERIAL DISPERSANT APPLICATION PLAN

DATE: 5/9/2010	TIME: 0530 local	STAGING AIRPORTS Stennis Int'l / Houma	AIRPORT ID: KHSA / KHUM

DISP. STAGING APT SPVSR (Name & Phone #): (Stennis [redacted] / (Houma) [redacted]

SPILL SITE INFORMATION:

SPILL LOCATION:	Latitude: 28.55 N	N	Longitude: 87.21 W	W	Size: 40 mi radius	
GEOGRAPHICAL REFERENCE:	112 nm SSE Stennis Airport					

SPILL SITE APPROACH INFORMATION:

ENTRY POINT:	Latitude: See OPS Chart	N	Longitude: See OPS Chart	W	Altitude See OPS Chart	ft.
EXIT POINT:	Latitude: See OPS Chart	N	Longitude: See OPS Chart	W	Altitude See OPS Chart	ft.
HOLDING AREA:	Latitude: See OPS Chart	N	Longitude: See OPS Chart	W	Altitude See OPS Chart	ft.

SPILL SITE WX:	WIND: ENE 15-23	CLG: UNL	VIS: 10 nm	SUNRISE: 0607	SUNSET: 1935

(Attach Wilken's Weather Report for weather at the spill site and the staging airport)

DOSAGE (GPA): 5	ADD'L INST:	See required setbacks and no fly area's on operational plan	

COMMS

PRIMARY VHF COM: 126.40 MHz	SECONDARY VHF COM: 123.45 MHz	EMERGENCY VHF COM: 121.5 MHz

Surface to Air VHF COM: 127.85

MARINE RADIO: Channel 16 then switch to Channel 9/ SATELLITE PHONE: Aircraft will contact through the Disp. Staging Airport Supervisor.

AIRCRAFT INFORMATION:

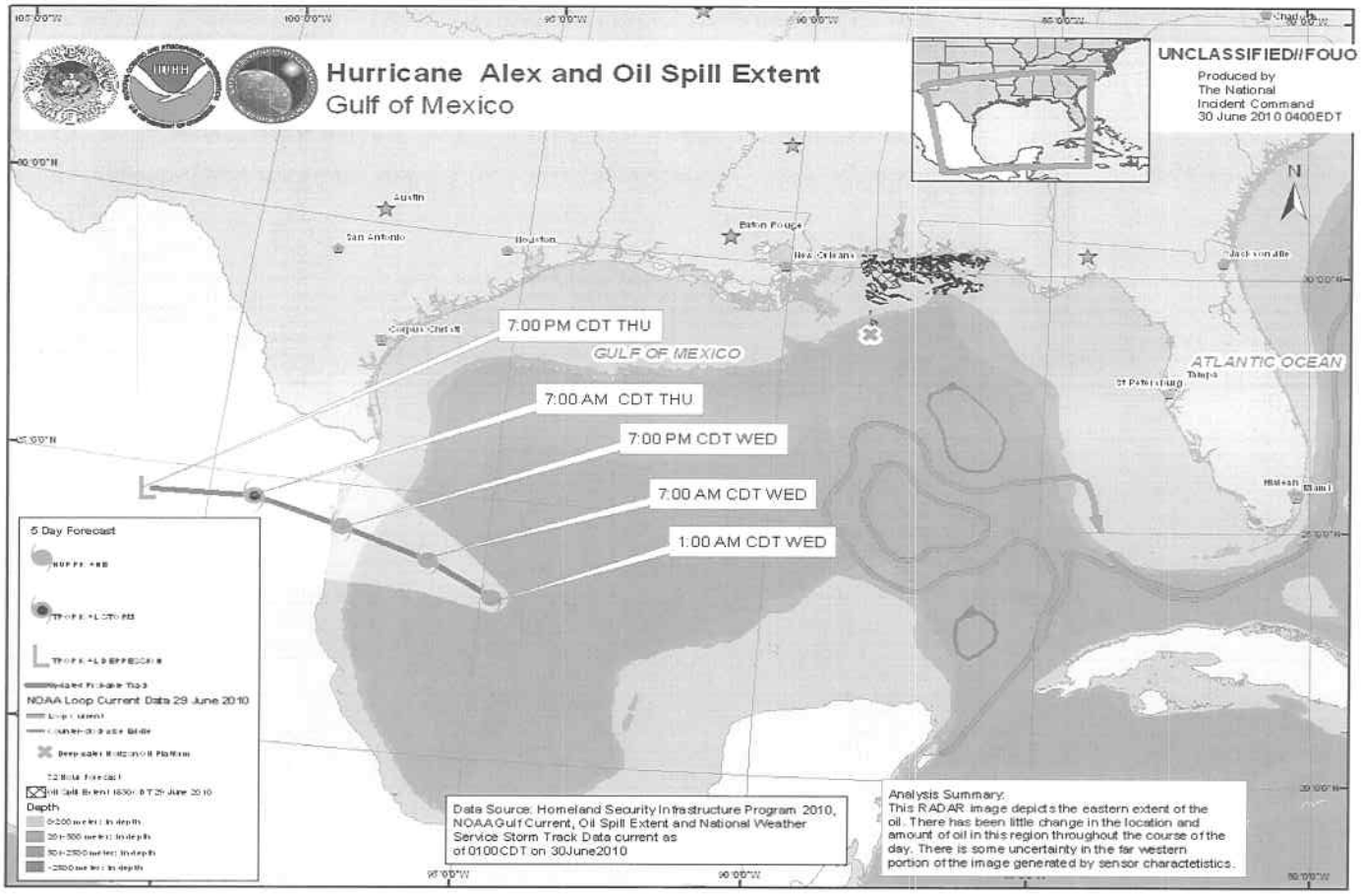
Type:	Tail #:	Call Sign:	Airport ETA:	Purpose & Altitude:	PIC/Crew:	Passengers:
King Air Dynamic	N7198Y	98Y	Stennis	Spotter: 1000'-1500'	PIC: [redacted]	None
King Air Dynamic	N39Q	39Q	Stennis	Spotter: 1000'-1500'	PIC: TBD Co-pilot:	None
King Air Dynamic	N7199D	99D	Stennis	Spotter: 1000'-1500'	PIC: TBD Co-pilot: TBD	None
King Air Dynamic	N98N	98N	Stennis	Spotter: 1000'-1500'	PIC: TBD Co-pilot: TBD	None
King Air Dynamic	N41J	41J	Stennis	Spotter: 1000'-1500'	PIC: TBD Co-pilot: TBD	None
King Air Dynamic	N79W	79W	Stennis	Spotter: 1000'-1500'	PIC: TBD Co-pilot: TBD	None
King Air Dynamic	N37H	37H	Stennis	Spotter: 1000'-1500'	PIC: TBD Co-pilot: TBD	None
C-130 IAR	N117TG	7TG	Stennis	Spray: 75'	PIC: [redacted] Co-pilot: TBD Flt Eng. Loadmaster:	None
C-130 Lynden	N403LC	3LC	Stennis	Spray: 75'	PIC: Capt Redman Co-pilot: Flt Eng.: Loadmaster:	plus 5 other crew members
AT 802	N9002K	02K	Stennis	Spray 90'	PIC: TBD Co-pilot: TBD	None
C-130 USAFR	105	105	Stennis	Spray: 75'	PIC: TBD Co-pilot: TBD	None
C-130 USAFR	106	106	Stennis	Spray: 75'	PIC: TBD Co-pilot: TBD	None
C-130 USAFR	107	107	Stennis	Spray: 75'	PIC: TBD Co-pilot: TBD	None
BT-67 ASI	N932H	32H	Houma	Spray: 75'	Co-pilot: TBD	None
DC-3 ASI	N64767	767	Houma Standby	Spray: 75'	PIC: TBD Co-pilot: TBD	None
DC-3 ASI	N64766	766	Houma	Spray: 75'	PIC: TBD Co-pilot: TBD	None
Aztec ASI	N141183	183	Houma	Spotter	PIC: TBD Co-pilot: TBD	None
Aero CMDRA ASI	N547GA	8WA	Houma	Spotter	PIC: TBD Co-pilot: TBD	None
King Air Houma Jet	N275	N275	Houma	Recon	PIC: TBD Co-pilot: TBD	
Helo PHI	759P		Houma	Recon	PIC: TBD Co-pilot: TBD	

DATE: May 9, 2010

Payload #	TYPE A/C	TAIL #	PURPOSE	FUEL LOAD (#/Hrs:Min)	PAYLOAD GAL & TYPE	TOTAL FLT TIME	DPT TIME EST/ACT	ENTRY ETA EST/ACT	EXIT ETA EST/ACT	RETURN ETA EST/ACT
	BE90	N7198Y	Spotter	6	0	2:50	0530	0615	0810	0850
1	C-130	N117TG	Spray	4	3000	2:10	0620	0640	0810	0830
2	C-130	N403LC	Spray	4	5000	2:10	0625	0645	0815	0835
	Aero Cmdr	N547GA	Spotter	5	0	2:10	0740	0815	0905	0950
3	BT-67	N932H	Spray	4	2000	2:15	0720	0820	0835	0935
4	DC-3	N64766	Spray	4	1000	2:30	0724	0824	0845	0945
	BE90	N7199D	Spotter	4	0	2:50	0815	0900	1015	1135
5	C-130	105	Spray	4	1675	2:30	0830	0900	0930	1001
	BE90	79W	Spotter	4	0	2:50	0820	0902	1017	1145
6	C-130	107	Spray	4	1750	2:30	0845	0915	0945	1015
	BE90	39Q	Spotter	6	0	2:35	0955	0925	1205	1240
7	C-130	N117TG	Spray	4	3000	2:30	1000	1030	1200	1230
8	C-130	N403LC	Spray	4	5000	2:30	1005	1035	1205	1235
	Aero Cmdr	N547GA	Spotter	5	0	2:10	1125	1205	1250	1335
9	BT-67	N932H	Spray	4	2000	2:05	1100	1205	1220	1305
10	DC-3	N64766	Spray	4	1000	2:30	1105	1110	1230	1330
	BE90	N7199D	Spotter	4	0	2:50	1150	1220	1345	1430
11	C-130	105	Spray	4	1675	2:30	1215	1245	1320	1400
	BE90	79W	Spotter	4	0	2:50	1140	1222	1345	1410
12	C-130	107	Spray	4	1750	2:30	1218	1247	1325	1355
	BE90	N7198Y	Spotter	6	0	2:40	1355	1425	1505	1540
13	C-130	N117TG	Spray	4	3000	2:30	1400	1430	1505	1540
14	C-130	N403LC	Spray	4	5000	2:30	1400	1430	1505	1535
	Aero Cmdr	N547GA	Spotter	5	0	2:20	1510	1605	1645	1730
15	BT-67	N932H	Spray	4	2000	2:25	1500	1605	1625	1725
16	DC-3	N64766	Spray	4	1000	2:30	1505	1605	1640	1740
	BE90	39Q	Spotter	6	0	1:55	1655	1725	1810	1845
17	C-130	N117TG	Spray	4	3000	2:30	1700	1730	1805	1835
18	C-130	N403LC	Spray	4	5000	2:40	1700	1735	1810	1840
	BE90	N7199D	Spotter	4	0	2:50	1745	1830	1907	2000
19	C-130	105	Spray	4	1675	2:30	1805	1835	1905	1945
	BE90	79W	Spotter	4	0	2:50	1750	1830	1907	2030
20	C-130	107	Spray	4	1750	2:30	1807	1835	1907	1937

(Jan. 21, 2009)

National Incident Commander Daily Situation Update
1600EDT – 30 June 2010
Deepwater Horizon Spill Response
(Updates in RED)



National Incident Commander Objectives:

1. Establish and manage a coordinated interagency response effort to effectively employ all resources required to mitigate current and long term environmental and economic impacts of the incident.
2. Engage and inform the public, stakeholders and the media, keeping them apprised of response activities and plans.
3. Engage across all levels of government to develop courses of action for issues that span multiple agencies and departments.

Unified Area Command Objectives:

1. Ensure the safety and welfare of citizens and response personnel.
2. Control the source of the spill.
3. Continue to contain, recover, and dispose of spilled material.
4. Continue to maximize use and availability of advanced source control and response technologies.
5. Continue to maximize the protection, assessment, and response to environmentally, sensitive areas and wildlife risk.
6. Ensure stakeholders, government officials, and the public are kept informed of source control and response actions.
7. Minimize social, political, economic, and environmental impacts.
8. Continue to optimize critical resource utilization and effectiveness from all agencies and organizations across all response areas.
9. Ensure sustainability by conducting strategic planning to address long-range planning concerns; including worst case scenarios, contingencies, resources, logistics, and potential gaps.

National Incident Commander Daily Situation Update
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Deepwater Horizon Spill Response
(Updates in RED)

Highlights of the Last Operational Period:

- No controlled burns completed, no dispersant flights due to weather
- Q4000 flowback in progress and stable
- DISCOVERER ENERPRISE: maintained oil recovery
- Continued subsea dispersant injection at 8 gpm
- DDII tested BOP
- DDIII tested BOP, started wireline operations for magnetic ranging
- CDP 1 continued laying subsea flexible tubing and hooking up to manifold
- The UAC initially reported that three staging areas were evacuating. Subsequent reports indicated operations were limited due to weather and no evacuation was required.

Weather: National Weather Service, National Hurricane Center 2200CDT 29 June 2010

ALEX HAS BECOME THE FIRST HURRICANE OF THE 2010 SEASON. AT 1000 PM CDT...0300 UTC...THE CENTER OF HURRICANE ALEX WAS LOCATED NEAR LATITUDE 23.1 NORTH...LONGITUDE 94.8 WEST. ALEX HAS MOVED MOSTLY WESTWARD AT 9 MPH...15 KM/HR...OVER THE PAST FEW HOURS BUT A GENERAL WEST-NORTHWESTWARD MOTION IS EXPECTED OVER THE NEXT 24 TO 48 HOURS. ON THE FORECAST TRACK...THE CENTER OF ALEX WILL APPROACH THE COAST OF NORTHEASTERN MEXICO OR SOUTHERN TEXAS ON WEDNESDAY AND MAKE LANDFALL IN THE HURRICANE WARNING AREA LATE WEDNESDAY OR WEDNESDAY NIGHT. MAXIMUM SUSTAINED WINDS HAVE INCREASED TO NEAR 75 MPH...120KM/HR...WITH HIGHER GUSTS. ADDITIONAL STRENGTHENING IS FORECAST PRIOR TO LANDFALL. ALEX WILL BEGIN TO WEAKEN AFTER ITS CENTER CROSSES THE COASTLINE.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 15 MILES...30 KM...FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES...280 KM. THE MINIMUM CENTRAL PRESSURE REPORTED BY AN AIR FORCE HURRICANE HUNTER PLANE WAS 973 MB...28.73 INCHES.

- **On scene weather:** (NOAA 29 June)
  o Wednesday, 30 June: Winds SE 17-22 kts, seas 7', very rough.
  o Wednesday night, 30 June: Winds S 14-20 kts, seas 6-7', rough.
  o Thursday, 01 July: Winds S-SW 12-14 kts, seas 6', choppy.

Source Control: (Houston 0629EDT 30 June)

	0000-2359CDT 29 June		**Total Recovered/Flared to date:**	
Vessel	**OIL**	**GAS**	**OIL**	**GAS**
DISCOVERER ENTERPRISE	17,027 bbls	37.9 million cubic ft of gas	389,472 bbls ***includes collection total for Riser Insertion Test Tube (RITT - 22,158 bbls)**	884.8 million cubic ft of gas *** includes collection total for Riser Insertion Test Tube (RITT – 88.4 gas)**

Q4000	8,196 bbls	19.5 million cubic ft of gas	119,418 bbls	243.5 million cubic ft of gas
Cumulative oil/gas recoverd	25,223 bbls	57.4 million cubic ft of gas	508,890 bbls	1128.3 million cubic ft of gas

- Seven Jones Act waivers have been approved (HELIX PRODUCER, TOISES PISCES, FPSO SEILLEAN, EVI KNUTSEN, NAVION FENNIA, LOCH RANOCH, and DISCOVER ENTERPRISE.) (Jones Act E-Mails)
- **DISCOVERER ENTERPRISE:** DE shut down at 1002 EDT for lightening within 5 miles restart commenced at 1130 EDT. T-time (time to get off station in the event of a hurricane) is 114 hours. The OVERSEAS CASCADE will return to lighter the DE. Lightering scheduled to commence on 02 July and will require less than 5' seas. The limiting factor of 5' seas is based on the tolerance of the floating transfer hose and the hose handling vessel. Should the DE not be able to start lightering operations by 02 July 2010 (Friday), a second transfer window should be available on 05 July 2010 (Monday). Lightering ops require 24 hours for full discharge of DE. If the DE is unable to lighter by 06 July 2010 (Tuesday) then the DE will reach maximum storage capacity and production will be stopped. (Houston, 30 Jun 10, 1200EDT)
- **Dispersant:** Subsea Dispersant is being injected at the BOP at a steady rate of 8 gallons per minute. Surface injection dispersant vessels remain in Port Fourchon due to high seas. Subsea dispersant authorization expires today and application will be made this evening for an extension of the dispersant authority. There was a 40 minute interruption in dispersant discharge for repositioning of the dispersant wand. (Houston, 30 Jun 10, 1200EDT)
- **Short Term Containment:** Top Hat – Top Hat #4 is in place over the MC 252 BOP and producing oil in conjunction with DE. A pressure transducer has completed the 72 hour reading cycle and data is being interpreted by government scientist. A decision will be made to remove the transducer or leave it in the methanol injection port. Weather has had little to no effect on the Top Hat, it has remained stable with less than a 2" wobble during the increased sea state. Top Hat #3 is available, located on the mud mat. Top Hat #10 is available, located on the deck of DE. There are no plans to change Top Hats at this time. (Houston, 30 Jun 10, 1200EDT)
- **Long Term Containment and Disposal Plan 1:** Planned startup of the system and production of oil is now 7 July, delay is due to weather. The 4000' Free Standing Riser (FSR) is fully in place. The 1,350' flexible, CDP manifold to FSR base, installation is ongoing. The 1,350' flexible was successfully connected to the base of the FSR and is currently being connected to the CDP manifold. Damage to the gasket occurred during attempts to land the connector and repairs will have to be made. It has been determined a second crane will be required to obtain the correct angle to land the connection. Once connected, it will be pressure tested for tightness. The 1,200' flex hose that will attach the Mud Manifold to the CDP Manifold is connected to the CDP manifold and crews had to abandon attempts to connect it to the Mud Manifold due to weather. This operation is being conducted within 40' of the DISCOVERER ENTERPRISE and the vessel masters made the decision to halt the operation till seas calm. The Quick Connect/Disconnect (QC/DC) buoy and clump weight were placed and it was found the hawser connecting the buoy to the clump weight stretched beyond calculations. The buoy remains hanging from the crane of the OSV HOS IRON HORSE (9457050). Sections of chain, attaching the buoy to the hawser, will be removed allowing the buoy to sink to the appropriate depth. The HOS IRON HORSE will lift the QC/DC Buoy and complete the required work when seas are blow 4' to 6'. The QC/DC will be connected to the top of FSR through a 1,060' 6" flex hose.

Deployment of the 1,060' flex hose been delayed due to high sea state. (Houston, 30 Jun 10, 1200EDT)

- **Long Term Containment and Disposal Plan 2**: To increase redundancy, BP will install a secondary subsea anchor, FSR, and float cans. The air can and subsea anchor are complete. Suction pile installation will start 02 July, weather pending. FSR 2 has been constructed and all components are staged in Port Fourchon. Installation will commence once the first FSR installation is completed with startup and "first oil" anticipated OOA 15 July. (Houston, 30 Jun 10, 1200EDT)
- **MC 252 Well Bore Cap**: The transition spool and capping stack have been built and successfully passed a System Integration Test (SIT) with the exception of a failed pressure/temperature sensor, the sensor has been replaced with a pressure/pressure sensor, BP scientist approved the change. Both will be prepared for shipping tonight via barge to Port of Fourchon at OOA 1400 30 June, ETA 02 July. The flange splitter system required to install the spool is complete and procedure has been approved. The system is scheduled to undergo a SIT 30 June. Machining on the "latch cap" contingency system commenced 26 June. The Well Bore Cap is the capping stack that will be used on top of the LMRP to assist in containment once the TOP HAT and LMRP flange is removed. (Houston, 30 Jun 10, 1200EDT)

- **Relief Well Data:** (Houston, 30 Jun 10, 1200EDT)

	Total Drill Depth (MD=measured or total drilled depth in feet)	**Day # of Est. Completion Days**	**Comments**
DD-II	12,038'	34 of 104 (33 %)	Target of 12,040 feet MD where the 16-inch casing will be set. T-Time 108 hrs
DD-III	16,900'	58 of 104 (56%)	Target of 18,400 feet MD. T-Time 109 hrs

- **DD-II**: Cementing has been completed and a Leak Off Test (LOT) will be performed on 30 June. The drill string is currently being run down hole to drill through the cement plug so the LOT can be performed. Provided the LOT is successful drilling will commence 01 July. A blind shear test of the BOP was successfully performed. T time is 108 hours. DDII's annual COC inspection will be conducted by MSU Morgan City inspectors. (Houston, 30 Jun 10, 1200EDT)
- **DD-III:**. DDIII has drilled to a depth of 16,900' and is in the process of wire ranging, results indicate that relief well bore is 16' plus/minus 5' from the MC252 well. Another wire ranging run is scheduled for 01 July and will advance the well an additional 300'. Estimated time to complete all ranging is 7 days which will be followed by 7 days of drilling for the 9 5/8" casing run. T-time is 109 hours. (Houston, 30 Jun 10, 1200EDT)

International Offers of Assistance:

- Letters of Acceptance were drafted by the NIC for 22 offers of assistance from 12 countries. Letters are currently under review, including Department of State (DOS) clearance. (NIC CRU 27 June)
- NIC CRU working with DOS to source 3 offers of fire boom and 2 skimmers. (NIC CRU 27 June)
- Algeria: A private company offered boom. UAC expects to take delivery of 800 meters of fire boom this week from a Sonatrach subsidiary.

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(Updates in RED)

(Houston Source Control Vessels 29 June)

Name	Flag	Status/Location	Current Function	Comments
Q4000	United States	On Scene	Containment Continues to recover production and flare oil and gas.	T-Time 69 hours Operations may conintue in sea states < 12'
DISCOVERER ENTERPRISE	Marshall Islands	On Scene	Containment Continues to recover production, flare gas, and store oil.	T-Time 114 hours Operations may conintue in sea states < 12'
HELIX PRODUCER I	Bahamas	At staging area	Oil Production Will attach to the CDP-1 free standing riser to process oil. Will continuously process 20-25,000 bbls of oil daily	Critical hook up operations possible only in sea states < 3-4' Start up to commence after 02 July when seas calm. Marine Inspectors from MSU Morgan City conducted satisfactory tests of the fire curtain and associated shutdowns on 29 June.
Name	**Flag**	**Status/Location**	**Current Function**	**Comments**
LOCH RANNOCH	United Kingdom	Anchored staging area	Shuttle Tanker Will transfer oil from the HELIX PRODUCER	Capacity is 1,000,000 bbls (40 days on station)
DISCOVERER CLEAR LEADER	Marshall Islands	Anchored	Containment Awaiting equipment	Containment Will recover production
MASSACHUSETTS	United States	Conducting transfer operations	Shuttle Tank Barge Transfers oil from the DISCOVERER ENTERPRISE	Will be decontaminated at the LOOP and will proceed to Texas City, TX to offload.
EVI KNUTSEN	Norway	O/S ETA 30 June	Shuttle Tanker Will transfer oil from the TOISA PISCES	Was issued a COC 27 June and is clear to prep for ops in GoM
NAVION FENNIA	Bahamas	ETA to GoM 03 July	Shuttle Tanker Will transfer oil from the HELIX PRODUCER and the TOISA PISCES	Will be inspected OOA 30 June in Port Everglades, FL
SEILLEAN	Panama	En-route to Port of Spain, Trinidad. ETA is mid-July.	Containment Will recover production	Planning for inspection and retrofit in Port of Spain. Retrofit will expand production capabilities.
OVERSEAS CASCADE	United States	On-scene	Transfers oil from the DISCOVERER ENTERPRISE	

TOISA PISCES	Liberia	Departed Corpus Christi, TX seeking safe refuge due to Alex.	Undergoing modification Will attach to the CDP-2 free standing riser to process oil	Port State Control exam delayed until later this week . Departed shipyard in Corpus Christi seeking safe refuge from Hurricane Alex. Estimated return date of 05 July. New departure date for MC252 is 10 July.
SEACOR RIGOROUS	United States	At staging area	With transfer hose that will be used between HELIX PRODUCER & LOCH RANNOCH	
LA CHEVAL	United States	At staging area	With transfer hose that will be used between HELIX PRODUCER & LOCH RANNOCH	

Clean-Up/Response Operations: (DWH AAG 0600 29 June)

	LA	MS	AL	FL	TOTAL
Current Miles of Shoreline Impact	68.6	47.8	46.9	59.2	225.5
People Assigned	1,810	690	499	3,518	6517

Safety/Personnel Casualties:

- No casualties reported on 30 June

Environmental Impact:

- **TX**: NSTR
- **LA**: Preparing for a rapid response to likely oiling in several locations from St. Bernard Parish to Grand Isle. Continued operations throughout Barataria Bay, South Pass and Grand Terre. (DWH AAG 0716EDT 29 June)
- **MS**: All operations suspended due to bad weather. Staging areas participated in hurricane preparation table top exercise. (DWH AAG 0716EDT 29 June)
- **AL**: All operations suspended due to bad weather. Continued to build number of VOOs trained and equipment to conduct oil collection operations. (DWH AAG 0716EDT 29 June)
- **FL**: All operations suspended due to bad weather. Beach and boom inspection conducted in Franklin and Gulf counties. Staging areas participated in hurricane preparation table top exercise. (DWH AAG 0716EDT 29 June)

Port/Waterway Economic Impact:

- All ports remain open, including the Louisiana Offshore Oil Port (LOOP).
- Decontamination of deep-draft vessels as of 28 June
  - New Orleans Southwest Pass: 1
  - Mobile: 3
- 80,228 sq mi (33%) of Gulf Federal waters are closed to fishing. (NOAA 28 June)

Equipment & Resources Assigned: (DWH AAG 0600EDT 30 June)

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(Updates in RED)

	LA	MS	AL	FL	OFF SHORE	Totals
VOO	631	742	1,170	464	0	3,007
Barges	447	98	93	30	0	668
Skimmers	231	76	67	136	0	510
Other (Command & Control, Boom Tending, Other)	1,477	435	488	263	26	2,689
Fixed Wing	37					37
Helo	85					85
Total	2,555	1,275	1,751	757	26	6,996

Task Forces: (DWH AAG 0716EDT 29 June)

- **LA:** 12 fishing vessel skimming Task Forces (TF), of 25 vessels each, recovered oil in Barataria Bay and Mississippi Delta. 27 Shallow Water Barge Skimming Systems working in 5 different parishes.
- **MS:** Continued to deploy boom for the Magnolia Project in Pascagoula and Biloxi. Performed boom maintenance in all divisions.
- ICP Mobile is working with the state of MS to give them control of local assets.
- **AL:** Weather dependent, safely skimming product on northern leading edge of oil. Contained and skimmed oil south of Dauphin Island.
- **FL:** VOO's held in Pensacola Bay. TF#704 continued skimming operations 4 nautical miles south of Gulf Shores. Safe skimming of product on northern leading edge of oil is weather dependent.

Financial Update: (NPFC Executive Financial Summary Report 2035EDT 29 June)

OSLTF Emergency Fund Remaining	$30,353,185.06
Fed Project Ceiling	$259,500,000.00
Obligated funds to Date	$222,381,657.66
Fed project Ceiling Remaining	$37,118,342.34

BP Claims Summary: (BP Claims Status for 30 Jun 10, 0931EDT 30 June)

- Total Number of Claims: 87,416
- Total Amount Disbursed: $132,300,000+
- Number of Claims Denied: 0
- Number of Checks Disbursed: 42,795

BP Claims Call Center Statistics: (BP Dashboard 29 June)

- Calls Received: 847

- Wait Time: 6 seconds
- Calls abandoned: 19 (1%)
- Non-Claims related calls: 623
- Call operator dedicated hours: 1,153 hours
- Call operators: 171
- Checks written: 649
- Cumulative Checks written: 41,988
- Managers/adjusters in field: 952
- Claim Centers: 34

Future Plans (Next 24-48 hours): (UAC Exec Sum 30 June)

- Continue sub-sea dispersant; monitor pressure
- Optimize flow back to the DISCOVERER ENTERPRISE
- Q4000 maintain flowback and flaring operations
- DDII: drilling ahead
- DDIII: conduct magnetic ranging.
- CDP 1: continue installation of hose jumper and pressure test

NIC Strategic Efforts:

- **FRTG Flow Rate Analysis**
  This improved estimate is based on more and better data that is available after the riser cut data which helps increase the scientific confidence in the accuracy of the estimate. As the Government continues to collect additional data and refine these estimates, it is important to realize that the numbers can change. In particular, because the upper number is less certain, it is important to plan for the upper estimate plus additional contingencies immediately. The most likely flow rate of oil is between 35,000 and 60,000 barrels per day.
- **Interagency Alternative Technology Assessment Program (IATAP)**
  As of 28 June:
  - # of proposals: 2708
  - avg # per week: 800
  - # passed initial screening: 23
  - # forwarded to UAC: 18
  - # implemented: 0
- **International Engagement Strategy**
  Interagency Strategic Planning (IASP) maintains country specific files on the potential for impact from the DWH pollution incident on foreign countries. To date, IASP provided briefs to DOS on projections for impact to Cuba, Bahamas, and Bermuda. Brief for Mexico is pending until DOS confirms meeting participants, time, and location specifics. If the potential for impact on a foreign country becomes likely, IASP will initiate notification to DOS to provide official notification to the country.
- **Hurricane/Severe Weather Contingency Plan**
  Briefed S1, final draft is being completed.
  Anticipate final approval of DWH Hurricane/Severe Weather Plans on 30 June
  Follow up discussions on pre and post storm planning ongoing with DoD, FEMA, and other governmental agencies

UAC will conduct a UAC-UIC SWCP table top exercise on 6 July
CG participation planned for Joint Chiefs of Staff SWCP Critical Mission Exercise 12.1, 14 July

- **Implementation Strategy**
  Drafted a NIC directive to guide UAC actions. Draft will be available for NIC review on 30 June.

- **Critical Resources Strategic Planning** (DWH AAG 0600EDT 30 June)
  Skimmers
  Current total: 510
  Additional VOO TFs will be coming online pending delivery of skimming systems.

  Boom
  Total Deployed: 2,763,676 feet
  Total Assigned: 232,688 feet
  Total Staged: 856,000 feet
  Total Ordered: 827,952 feet
  Delivery Estimate: 6/30-7/2 = 117,766 feet
  7/3- 7/9 = 322,218 feet

- **Coast Guard/EPA Emergency Regulation**
  The Coast Guard and the Environmental Protection Agency (EPA) continue to take steps to ensure that vital oil spill response equipment currently stationed throughout the country is available to join the fight against BP's leaking oil in the GOM. The most recent step in this strategy involves a joint Coast Guard-EPA emergency interim rule, submitted to the Federal Register on June 28, which will temporarily lower timing thresholds that require identification and staging of oil spill response equipment around the country in case of an oil spill—freeing up some resources for deployment to the Gulf. Essentially this means that we are temporarily reducing the time in which equipment, including vessels, must be available and "at the ready" for an oil spill so that we can battle the BP oil spill with an even greater force than we have already mobilized.

11 May 10 (0900 EDT)

USCG Response to DEEPWATER HORIZON

Operational Planning Period 21: 5/11/2010 0700 – 5/12/2010 0700

(new)

BLUF:

British Petroleum (BP), Houston continues researching 4 different options (containment, top kill, relief wells, and Blowout Preventer (BOP)) to contain the source leak. BP is attempting to install a pressure gauge on the BOP to get an accurate oil release amount. 2 skimming attempts unsuccessful due to rough seas; no in situ burns scheduled today due to weather conditions; 56,220 gallons of surface dispersant applied; no subsea dispersant applied. Well head continues to discharge approximately 5,000 bbls per day.

Situation Bullets:

- *DDII scheduled to arrive on Thursday, 13 May & start drilling 2nd well on Sunday, 16May10.
- *3 C-17s expected to arrive at NAS New Orleans today 0710, 0920, and 1600.
- Second cofferdam is being modified at Port Fourchon, LA. Second Cofferdam is a redesign of the top piece of the existing cofferdam that will avoid the build-up of the clogging hydrate crystals; expected completion could take up to 2 weeks.
- Efforts to resolve cofferdam methane hydrate crystal buildup on first cofferdam have been ineffective.
- Sonic scan of riser performed to analyze riser integrity – results pending.
- Gamma ray scan of Blowout Preventer (BOP) conducted to determine ram conditions inside – results pending.
- At 0500 on 10 May, EPA began a 24 hour test (10 gallons per minute) of subsea dispersant application to gauge the impact of the applications of dispersant and the environmental impact. No subsea dispersant applied operationally.
- D8 IMT reported 1 baby whale and 2 porpoise confirmed dead in the vicinity of Ship Island (off Gulfport, AL) on 09 May. Cause of death is unknown; relation to oil spill uncertain. Necropsy pending.
- Two mile long strip of small tar balls washed up on Dauphin Island, AL on 09 May. SCAT team deployed and beach cleaned.
- Surface dispersant, skimming and booming operations ongoing.
    - 56,220 gallons of surface dispersants applied in 17 Modular Aerial Spray System (MASS) aerial dispersant sorties.
    - 2 skimming attempts unsuccessful due to rough seas
- No in situ burns or skimming 10 May due to weather conditions.
- Drilling and casing operations continue on the DDIII relief well.
- All shipping channels and ports remain open in the Gulf Coast Region.
- No vessels have required cleaning or de-contamination; teams are on standby if the need arises.
- Boom assigned: 1,175,400 ft
- Definition of "assigned" as per ICS Form 209 Instructions: item has been allocated for a specific task
- Oily water mixture recovered: Today: 0 bbls Total: 97,688 bbls

- Surface dispersants applied: Today: 56,220 gallons Total: 428,307 gallons
- Subsea dispersants applied: Today: 0 gallons Total: 16,399 gallons
- Wildlife Impact: Today: 1 Total: 17
- Total vessels assigned: 500
- Total Fixed Wing Aircraft assigned: 8
- Total Helo Aircraft assigned: 23
- Total Response Personnel assigned: 5,731 (Note: includes 5,667 Response Personnel from ICS-209s, and 64 from St. Petersburg)
- On-scene weather: Wind – SE winds 10-15 kts; Seas – 3-4 ft
- Unified Area Command: Robert, LA.
- Incident Command Posts: Houma, LA, Mobile, AL, St. Petersburg, FL.
- Staging areas – 14
- Source Control Operations: Houston, TX

Current Operations:

Coast Guard		Non Coast Guard	
Surface	CGC OAK anchored/ on scene with SORS CGC CYPRESS underway in the vicinity of Chandeluer Islands CGC HARRY CLAIBORNE moored at Station Gulfport CGC ELM enr ETA 15 May.	Surface	Task Force MSRC 1, 2 and AMPOL will be working with the HOSS barge near the source location. Task Force MSRC 3 (OSRV FLORIA RESPONDER) working the eastern finger of the oil slick.
Air	NTR	Air	17 dispersant sorties
COMMS	Enhanced Mobile Incident Command Post (EMICP) & Communications Vehicle (MCV) arrived Robert, LA		

Personnel:

- 87 DOG Personnel on Scene (38 GST / 17 AST / 17 PST / 1 NSFCC/ 2 PIAT/ 8 DOG, 1 MSST NOLA, 1 MSST Kings Bay, 1 MSST Hono)
- 486: USCG (121), MMS, Transocean, BP, NOAA, LA & FL personnel at Unified Area Command in Robert, LA.
- 917: USCG (135), Transocean, BP & NOAA personnel at Unified Incident Command in Houma, LA/Houston, TX.
- 3,718: USCG (141), Transocean, BP & NOAA personnel at Unified Incident Command in Mobile, AL.
- 64: USCG (37) at Unified Incident Command St Petersburg, FL.
- National Guard Bureau is reporting 1,287 personnel deployed in four States.

24 May 10 (0100 EDT)
USCG Response to DEEPWATER HORIZON
Operational Planning Period 32: 5/23/2010 0700 – 5/24/2010 0700
(Red font indicates new entry)

BLUF:
The Riser Insertion Tube Tool (RITT) remains inserted into riser. Drill Rig ENTERPRISE continuing recovery of an oil and gas mixture with no water; recovery continues to fluctuate. The current average recovery rate on board ENTERPRISE is 4,125 barrels per day. Flow Rate Technical Group (FRTG) will deliver a flow rate plan in the next 24-48 hours. Skimming operations continued. Seven in-situ burns conducted. Fourteen (14) aircraft dispersant sorties conducted. 65.6 miles of Louisiana shoreline impacted. Continued clean up at South Pass, Chandeleur, Trinity Island, and Fourchon.

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Situation Bullets:
Oil Stoppage
- The Environmental Protection Agency (EPA) issued a directive requiring BP to identify and use a less toxic and more effective dispersant from the list of EPA authorized dispersants. BP has 24 hours to identify a new dispersant and 72 hours to begin using the new dispersant.
- Riser Insertion Tube Tool (RITT) remains inserted in riser however mostly gas was recovered throughout the night; it was believed the RITT shifted inside the riser. Repositioning of the riser occurred today (23 May).
- RITT-2 - Remains pre-staged on the sea floor. (Minerals Mgt Service)
- RITT-3 - Being lowered to the sea floor. (Minerals Mgt Service)
- Top Kill equipment staged. Kill attempt scheduled for first light 26 MAY. (ICP Houston)
- Drill Rig DDII: Drilling operations remain on schedule. Drilled to a depth of 8,650 below drill floor. (ICP Houston)
- Drill Rig DDIII: Current drill depth is 11,000' below drill floor. (ICP Houston)

Environmental Impact
- ICP Houma reports a confirmed Shoreline Impact at Marsh Island. Moderate oil and isolated patties were found over 2,200 meters of shoreline at 12% distribution.
- Tar balls found in Bay (1) and Escambia (7) Counties, FL; samples are being examined by Weatherford Forensic lab in Houston, TX, undergoing Gas Chromatograph Mass Spectrometer analysis, awaiting summary. Approximate time for results is 72 hours, testing was initiated 22 May. (Senior Leadership Brief 23 May).
- 65.6 miles of Louisiana shoreline impacted. Continued clean up at South Pass, Chandeleur, Trinity Island, and Fourchon. (UAC Situation Unit 23 May).

Port/Waterway Economic Impact
- All shipping channels and ports remain open in the Gulf Coast Region.
- No deep-draft vessels have required cleaning or de-contamination; teams are on standby if the need arises.

Response/ Clean-up
- Seven in-situ burns conducted.

- Fourteen aircraft dispersant sorties completed.
- 14,712 gallons of sub-sea dispersants applied in the last operational period. (UAC)
- Skimming operations conducted but no amounts available at this time.
- Air monitoring and tests continue in the coastal areas. No crude oil vapors detected in residential or commercial areas in MS, AL and FL. (Senior Leadership Brief 1200hr 23 May).

Numerical Summaries of Response

Response	23-May	Total	Comments
Oily water mixture recovered (bbls)		243,839	
Surface dispersants applied (gals)	18,104	704,958	
Sub-sea dispersants applied (gals)	14,712	116,471	
Wildlife Impact (count)		557	

Resources	Total Assigned	Comments
Boom (feet)	1,731,219	
Vessels	1,364	UAC Slide Deck
Fixed Wing Aircraft	35	
Rotary Wing Aircraft	35	
Response Personnel	22,236	UAC Situation Executive Summary UAC Slide Deck – valid through 2000 22 May. 23 May figures not available at this time.
Field Responders	17,840	

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- On-scene weather: E 4 knots; Seas 2-3 Feet.
- Unified Incident Commands: 5.
- Staging areas: 17

Current Operations:

Coast Guard		Non Coast Guard	
Surface	CGC OAK (SORS) Operations Pensacola, FL U/W on scene. OAK released a CASREP on the "Sea Slug" portion of the SORS. CGC HARRY CLAIBORNE (VOSS) u/w on scene	Surface	Task Force MSRC 1, 2 and AMPOL will be working with the HOSS barge near the source location. Task Force MSRC 3 (OSRV FLORIA RESPONDER) working the eastern finger of the oil slick.

	CGC ELM (VOSS) moored Pensacola, FL CGC CYPRESS moored Pensacola, FL		
Air	NTR	Air	
COMMS	Enhanced Mobile Incident Command Post (EMICP) & Communications Vehicle (MCV) arrived Robert, LA		

DHS Senior Leadership Brief: DEEPWATER HORIZON RESPONSE Gulf of Mexico

1200 EDT 19 July 2010

Updates in bold blue

Secretary of Homeland Security Priorities

- Ensure Responsible Party (RP) continues efforts to permanently stop the oil leak.
- Ensure all capabilities (government, private, and commercial) and resources are being leveraged to protect the environment and facilitate a rapid, robust cleanup effort.
- Ensure every effort is being made to include and inform the local communities in support of response operations.

Current Situation

- **Oil Stoppage**
  - **Well Integrity Plan**
    - Well Integrity Test ongoing. (NIC)
      - Oil flow remains secured.
        - **Pressure on three ram capping stack increased to 6,799 pounds per square inch.**
      - **At 0315 EDT, 19 July an accumulation of gas hydrates was discovered on the capping stack ram and valve assemblies during a ROV inspection.**
      - **A trail of gas bubbles was evident that appear to be originating in the area of the capping stack connector.**
      - **The following actions are being taken:**
        - **Continuous monitoring of the escaping gas, including a 360 degree top-to-bottom inspection of capping stack.**
        - **Review video from the last inspection of capping stack.**
        - **Check hydraulic connector pressure readings and latch position.**
      - Detected seepage and undetermined anomalies in the vicinity of wellhead; BP to provide written procedures for opening choke valve should seepage be confirmed.
        - **GECO TOPAZ scheduled to complete seismic runs 19 July.**
        - **NOAA PISCES to conduct 2 acoustic surveys on 19 July.**
        - Installed vibration and acoustic sensors on casing, 18 July.
  - **Long Term Containment and Disposal Project (CDP)**
    - CDP-1: HELIX PRODUCER remains shut down. (NIC)
    - CDP-2: Estimated start up is 24 July. (NIC)

- **Relief Wells**
  - Drill Rig DDIII (first relief well) relief well operations ongoing; drill depth 12,618 ft below sea floor (17,867 ft below drill floor). (NIC)
    - **Completed ranging run 13, case to be installed 20 July.**
  - Drill Rig DDII (second relief well) conducting maintenance; drill depth 10,743 ft below sea floor (15,961 ft below drill floor). (NIC)
- **Oil/Gas Recovery**
  - Q-4000 remains shut down. (NIC)
  - Total oil/gas recovered/flared to date: 827,033 barrels of oil and 1,865.3 million cubic ft of gas. (NIC)
- **Lower Marine Riser Package (LMRP) TOP HAT**
  - ENTERPRISE has deployed TOP HAT 7 to the sea floor. (NIC)

- **Oil Flow**
  - Flow Rate Technical Group (FRTG) estimates oil discharged to date is 3,000,000 – 5,200,000 barrels. (NIC)

- **Oil Landfall**
  - **Current amount of shoreline impacted: 622.4 miles. (NIC)**
  - AL: (NIC)
    - **Incident Command Post (ICP) Houma will retain tactical control of ICP Mobile offshore assets until 20 July.**
    - Beach cleanup continues.
  - FL: (NIC)
    - **ICP Houma will retain tactical control of ICP Mobile offshore assets until 20 July.**
    - No new oiling reported; beach cleanup continues.
    - **Offshore USCG assets maintained coverage off of Port St. Joe.**
    - Boom inspection and maintenance continues.
  - LA: (NIC)
    - **Continued cleanup throughout Barataria Bay, South Pass and Grand Terre.**
    - Currently only light oiling found; heavy oil impact decreased.
    - Continue to monitor oil sightings around the MS Delta.
  - MS: (NIC)
    - **ICP Houma will retain tactical control of ICP Mobile offshore assets until 20 July.**
    - **Crews responded to reports of light tar balls in Hancock County.**
    - **Light to moderate impact reported at Pass Christian, Long Beach, Cat Island and Ship Island.**
  - TX: (NIC)
    - **Conducted 1 over flight East of Galveston with no oiling to report.**
    - No new oiling reported.

- **Operations**
  - **No In Situ Burn (ISB) conducted 19 July. (NIC)**
  - Booming/skimming operations continue, weather permitting. (NIC)
    - **Oily water mixture recovered to date: 821,151 barrels.**

- **Health Concerns**
  - Heat stress remains the primary concern for response workers. (OHA)

- **Dispersants**
  - **No aerial dispersant flight flown 19 July. (NIC)**
  - Subsea dispersant injection has stopped. (NIC)

- **Shipping Channels/Ports**
  - All shipping channels/ports remain open in the Gulf Coast Region. (USCG)
  - To date, a total of 6 vessels have required decontamination. (NIC)

- **Assets on Scene**:
  - **Personnel: 40,122 (NIC)**
  - **Boom to date: 11,079,820 ft (3,723,535 containment/7,356,285 sorbent) (UAC)**
  - Dispersant to date: 1,843,586 gals (1,072,314 surface/771,272 subsea) (NIC)
  - **Total vessels assigned: 6,390 (NIC)**
  - Fixed-wing aircraft: 44 (NIC)
  - **Helicopters: 72 (NIC)**

<u>Federal Agencies/Departments</u>

- **US Coast Guard (USCG)**
  - **CGC PELICAN conducted boarding on US flagged fishing vessel CHRISTINA IV 2 miles inside closed fishing area.**
    - **40 bags of shrimp estimated at 3,000-4,000 lbs onboard.**
    - **Master stated he did not know he was in the closed area and voluntarily abandoned the catch at sea.**
  - Section of boom reported to be blocking the outside of Whisky Pass in Terrebonne Parish, LA located and recovered.

- **Customs and Border Protection (CBP)**
  - Predator aircraft providing oil plume tracking imagery; hours to date: 34.2.
  - Providing flight advisory information to aircraft participating in disaster response and video to track oil plume movement; mission-hours to date: 1,197.5.

- **Federal Emergency Management Agency (FEMA)**
  - Supporting NIC activities and Federal On-Scene Coordinator.

- **Department of Agriculture (USDA)**
  - Animal and Plant Health Inspection Service providing wildlife recovery services.

- **Department of Defense (DoD)**
  - **1,652 National Guard members activated in LA, MS, AL, and FL.**

- **Department of Energy (DOE)**
  - Assisting Unified Area Command and supporting interagency solutions group.

- **Environmental Protection Agency (EPA)**
  - Continuing to sample air, water, sediment, and waste.

- **Health and Human Services (HHS)**
  - **Total personnel deployed: 59**
  - **FL submitted formal request to initiate reopening waters closed to fishing; collecting water samples for analysis.**

- **Department of the Interior (DOI)**
  - National Parks Service (NPS) personnel continue oversight of cleanup operations on NPS land.

- **National Oceanic and Atmospheric Administration (NOAA)**
  - Weather forecast:
    - **Mon., 19 July: East-southeast winds at 10 knots; seas 2 ft.**
    - **Tue., 20 July: East-southeast winds at 10-15 knots; seas 3-4 ft.**
    - **Wed., 21 July: East winds at 15-20 knots; seas 5 ft.**

- **Department of State (DOS)**
  - Assisting in coordinating the response to offers for international assistance.

Critical Infrastructure Key Resources (CIKR)

- **National Infrastructure Coordinating Center (NICC)**
  - Continuing to monitor CIKR.

State and Local Agencies

- AL, FL, LA, MS and TX are communicating with DHS daily.

National Operations Center

- Current Posture: Phase 2 - Concern; Crisis Action Team activated.
- **The next SLB will be published at 1800 EDT 19 July.**