[redacted]

From: [redacted]
Sent: Saturday, May 29, 2010 8:11 AM
To: [redacted] y - EPA, [redacted] - NIC; [redacted] CIV; [redacted] - BP; [redacted] - DOI; [redacted] a - Robert Congressional, [redacted] - BP Operations Manager; [redacted] - Interior IGA [redacted] - BP [redacted]
Cc: HQS-PF-fldr-NIC HQ Situation Unit
Subject: 059720101 DHR External Affairs Summary

Categories: FYI

FOR INTERNAL USE ONLY

UNIFIED AREA COMMAND EXTERNAL AFFAIRS SUMMARY

SATURDAY, MAY 29

SCHEDULE OF EVENTS FOR SATURDAY, MAY 29

Open Press

1400	UAC Press Conference
1300	Mobile JIC media overflight of beach and coastline

Engagement with Government Officials

TBD	CMDT Papp visit to UAC.
0800	Rep Blackburn to visit and tour ICP Houma.
0815	Governor's Call
0900	ADM Papp to visit Grand Isle. No escort.
1400	Local Officials Teleconference

KEY MESSAGES

Plume

* In the context of the science that NOAA and other U.S. government and academic experts are using to determine the composition of fluid in the Gulf, a plume is simply a column of one fluid (in this case an oil-water mix) moving through another (in this case seawater). The oil we're seeing in these areas is highly diffused-the plume is not, as it has been characterized in media reports, a giant column of crude oil expanding outward from the leaking wellhead. NOAA is currently analyzing samples from the Weatherbird II collected by scientists at locations they associated with a plume.
* Any relation of the plume to subsea dispersant use has not been verified, and NOAA and EPA continue to closely monitor the presence of oil and the use of surface and sub-surface dispersants. In addition, the National Incident Command has established an Interagency Study Group to assess the plume, along with other issues related to the impact of oil and dispersants on and in the water.
* Dispersants are generally less harmful than the highly toxic oil leaking from the source and generally biodegrade in weeks while oil takes years. This is an important step in our ultimate goal: keeping as much oil as possible from reaching our fragile wetlands and coastal areas.

* Based on the scientific analysis of the EPA and NOAA and review by the National Response Team, It has been determined that the use of dispersants at the subsea source of the leak is the prudent and responsible action to take along with other tactics including surface dispersant, skimming and controlled burns. Preliminary testing results indicate that subsea use of the dispersant is effective at breaking up the oil into droplets more easily degraded by naturally-occurring bacteria—and can do so with the use of less dispersant.

Boom Redeployment

* On May 27, more than 100,000 feet of boom was surged to the Louisiana parishes that are facing the greatest risk from the oil.

* At the request of the National Incident Command, boom is being strategically deployed from staging areas across the Gulf Coast, where shoreline impact is not imminent, to the Louisiana parishes that are facing the greatest risk from the oil, including Terrebonne and LaFourche parishes in Louisiana.

* The National Incident Commander is responsible for the allocation of resources to most effectively fight the spill throughout the Gulf Coast.

If asked:

* To be clear, no boom has been removed from the water or shoreline in any Gulf States to assist in this surge effort.

Louisiana Barrier Island Dredging Proposal

* The National Incident Commander for the BP oil spill, Admiral Thad Allen, today approved the implementation of a section of Louisiana's barrier island project proposal that could help stop oil from coming ashore and where work could be completed the fastest—as an integrated part of the federal response to the BP oil spill.

* This step will save Louisiana the cost of construction for this section by integrating it with the federal government's ongoing oil spill response—thus paving the road for payment by BP, as a responsible party, or the federal Oil Spill Liability Trust Fund.

* The Army Corps of Engineers has granted partial approval for Louisiana's barrier island project proposal, covering approximately half of the state's original request and including six sections.

* Admiral Allen's recommendation would integrate a section of the project with the federal oil spill response—and therefore potential funding by BP, as a responsible party, or the federal Oil Spill Liability Trust Fund.

* Based on feedback from the Interagency Solutions Working Group established under the NIC and comprised of subject matter experts from the National response Team and other federal agencies, Admiral Allen determined that his recommendation best strikes a balance between three major considerations:

o The imperative to protect vulnerable Louisiana coastlines;

o The need for any construction to contribute effectively to the overall response effort, which includes numerous on- and off-shore activities; and

o The extensive time needed to implement such a strategy.

* If the evaluation of the recommended section's effectiveness and environmental impact show a net environmental benefit, additional areas may be considered by the National Incident Commander as part of the oil spill response moving forward.

* Louisiana's original proposal called for the dredging of more than 92 million cubic yards of material over a six to nine month period to build temporary barrier islands. The NIC Working Group found that implementation of the proposal in all areas approved by the Army Corps of Engineers, in the midst of an active spill, would not be prudent or provide effective protection.

Flow Rate

* USGS Director [redacted] today announced that the National Incident Command's Flow Rate Technical Group (FRTG) has developed an independent, preliminary estimate of the amount of oil flowing from BP's leaking oil well.

* Based on three separate methodologies, outlined below, the independent analysis of the Flow Rate Technical Group has determined that the overall best initial estimate for the lower and upper boundaries of flow rates of oil is in the range of 12,000 and 19,000 barrels per day.

* In making the announcement, [redacted], who is the chair of the FRTG, established by Admiral Thad Allen, the National Incident Commander, emphasized that since day one, the Administration's deployments of resources and tactics in response to the BP oil spill have been based on a worst-case, catastrophic scenario, and have not been contained by flow rate estimates.

* The FRTG used three separate methodologies to calculate their initial estimate, which they deemed the most scientifically-sound approach, because measurement of the flow of oil is extremely challenging, given the environment, unique nature of the flow, limited visibility, and lack of human access to BP's leaking oil well.

Strategic Deployment

* Since day one, the Unified Area Command continues to take an all-hands-on-deck approach as we respond to the BP oil spill by strategically deploying boom, dispersant, conduct

skimming and burning operations-and work diligently to clean up shorelines that have been impacted by oil.

* We have always said - since day one - that we will not be satisfied until the leak is plugged, and we will continue to mitigate coastal impact in the gulf. Working with state and local leaders, the Unified Area Command has developed and implemented strategic plans to respond to this disaster.

* The federal government, led by the Coast Guard as the Federal On Scene Coordinator, continue to work with BP, as the responsible party, to ensure they take a strong and innovative approach in their efforts to stop the source of the leak.

* This response requires a strict reporting process from the personnel in the field to monitor results and tailor the response accordingly. Decisions made by the leadership are then communicated through the Unified Area Command and directly to the Incident Command Post (ICP) where thousands of personnel are deployed each and every day to respond to the BP oil spill.

Federal Role

* Under the law, BP, as a responsible party, is charged with capping the leaking oil well and paying for the response and recovery. The federal government will ensure they fulfill their responsibilities.

* The federal government is overseeing the response to ensure that BP is fulfilling all of those responsibilities to the American people. When Admiral Allen is not satisfied with BP's actions, he calls BP's CEO and works with them to take the appropriate steps.

* The federal government is not standing on the sideline. Federal, state, and local agencies along with the private sector have mounted the largest response to an oil spill in US history. The National Incident Commander, Unified Area Command and Incident Commands have:

o Deployed more than a thousand vessels; more than 20,000 people are working day and night.

o Burned oil off the surface, skimmed it, dispersed it on the surface and undersea.

o Deployed miles and miles of protective boom and are working to protect and clean up shorelines.

o Ordered the development of independent flow rate numbers, impacts to natural resources, and have assembled a team of federal scientists at the BP command center overseeing the company's efforts to plug its leaks.

* We have also been very clear that there are areas where BP and the private sector are the ones who must continue to lead the efforts, with government oversight, such as in the deployment of private sector technology 5,000 feet below the ocean surface to kill the well.

* BP and the private sector, with the help and oversight of federal scientists, are the ones who are going to get that problem solved.

Dispersants

. With EPA and Coast Guard approval, BP also began using a novel approach of applying dispersants underwater at the source of the leak after testing showed subsea use had a positive effect in dispersing some of the oil before it reached the surface.

. Because BP is using dispersants in a volume never before seen, EPA has required BP to conduct ongoing and rigorous monitoring to ensure track the impact on the environmental and/or human health. That data is regularly made available at www.epa.gov/bpsill.

. Federal on scene coordinator and EPA reserves the right to discontinue use of the dispersant at any time if warranted.

. Due to the unprecedented use of the dispersant, late last week, EPA also directed BP to analyze other available, pre-approved dispersants to determine if an alternative dispersant proved less toxic and more effective.

. EPA found BP's response to be insufficient—lacking the necessary depth of analysis and more focused on defending their initial decisions than analyzing possible better options.

. As a result, EPA and the Coast Guard have required BP to reduce the overall volume of dispersant and to conduct further analysis, while also putting EPA science to work to conduct its own analysis of whether the current product being used, Corexit, should be re-considered in place of a potentially less toxic alternative.

FUTURE EVENTS AND ISSUES (all times CST)

Sunday, May 30

0800 Rep. Blackburn (R-7/TN) to visit and tour ICP Houma. [redacted] is POC.

TBD Possible Senate Appropriations Staff at ICP Houma .

Tuesday, June 1

1800 Town Hall meeting in Slidell with LA Sea Grant. Buck Sutter, NOAA, will attend.

TBD Rep. Cummings and Rep. Corine Brown CODEL.

TBD (FL,AL,MS) COL Barrett Holmes, USA. Defense Coordinating Officer, Region 4

Wednesday, June 2

TBD Senate Environmental Public Works CODEL

TBD Gulf Coast Hurricane Conference. [redacted] NOAA, to attend.

TBD OGR CODEL

0900 Sea Grant Community in Biloxi, MS. Buck Sutter, NOAA, tentative.

1800 Sea Grant Community Forum in Mobile, AL. Buck Sutter, NOAA, tentative.

TBD Town Hall Meeting hosted by BP and CG.

Thursday, June 3

ALL DAY NOAA proposed Science Summit . [redacted] and [redacted] to attend.

0900 Sea Grant Community Forum continued in Mobile, AL. [redacted] NOAA, tentative.

Friday, June 4

1600	Rep. Boustany CODEL.

Sunday, June 6

TBD	CODEL- House Energy and Commerce/Subcommittee on Oversight and Investigation

Monday, June 7

TBD	Field Hearing

Wednesday, June 10

TBD	Senate Homeland Security Subcommittee on State, Local, and Private Sector Preparedness and Integration

Friday, June 11

TBD	Possible reschedule of CODEL-EPW

Monday, June 14

TBD	CODEL- House Committee Oversight and Government Reform

Friday, June 18

TBD HSGAC CODEL

FRIDAY, MAY 28 EVENTS

Open Press

* Houma JIC - Guided air boat tour of the Cocodrie, La., based marshland cleanup and response efforts.
* New Orleans - NOAA ship media briefing
* UAC - Press Conference
* Mobile JIC - Media observed operational briefing, toured the ICP and talked to SMEs.

Engagement with Government Officials

- Mayor, Pritchard, AL Walking Tour
- CG Commandant Visit
  - ADM Papp
  - RDML Neffenger (Deputy NIC)
  - CAPT Cuddy (Chapman of CG)
  - [redacted]
  - [redacted]
  - [redacted]
  - [redacted]
- ADM Papp visited Houma and Venice with CAPT Laferriere. [redacted] escorted.
- Local Officials Teleconference
- Jackson County, MS: Field field operations concerning removal and replacement of vandalized or damaged boom.
- Baldwin County, AL: Conference call with City of Gulf Shores official on procedures for reporting debris and personal effects that may wash ashore from the Deepwater Horizon.

SOCIAL MEDIA REPORT

Statistics

Facebook followers: 26,298 (+544)

Twitter: Followers: 6,012 (+96); Lists: 416 (+13)

Youtube: Views 2,008,629 (+120,480); Videos 42; Subscribers 498 (+24)

Flickr: Photos: 444; Views: 99,182 (+4,557)

Web site hits: 43,914,631
<https://www.piersystem.com/logon/index.cfm?fuseaction=reporting.hitcounts> (+3,582,776)

Facebook Themes

- Impatience regarding the leak
- Continued frustration
- Some sense of hopelessness
- Some support for BP
- Discussion on the role of oil in the economy
- Anger that certain machines like Costner's oil separators or large super tankers are not being used

Twitter Themes

- Frustration and concern about Top Kill effectiveness
- People want to understand what they are seeing.
- Boycotting BP and petition signing increase for abandoning offshore drilling
- Concern for the environment, especially wildlife
- Concern about cooperate responsibility and accountability
- Concern about how spills are impacting the coast

Trends

Anxiety and frustration continues to build as Top Kill procedure continues. As oil comes ashore, there is less confidence in the governments current response.

*****

Facebook Posts

[redacted] <http://www.facebook.com/profile.php?id=100000920953741>

Why are there STILL no answers r/e the "top kill" method? Rawr!!!!

[redacted] <http://www.facebook.com/jodiefarislomas>

STOP CALLING THIS A SPILL!!!! THIS IS NOT A PRESET AMOUNT THAT WAS LEAKED ACCIDENTALLY IT IS AN ONGOING FLOW THAT HAS NOT CEASED AS OF YET!!!!!!! OWN UP BY STARTING WITH YOUR WORDING!

[redacted] <http://www.facebook.com/profile.php?id=1266731229>

How can you (DHR) expect us to take anything you say seriously after the staged PR event of yesterday called Top Kill? Millions of folks around the world watching the so called Live Web Cam hoping and praying that it worked and it turns out it was all a lie. A lie that the MSM gladly carried for you. Your stories are suspect and your so called Oil Cams are suspect. I will not be surprised to learn years from now that they were staged in a damned swimming pool.… How can you feed us non stop BS all day every day without a second thought? Aren't you people Americans? How you can support this complete daily LIE is beyond me. Shame on you. You are working for the machine and taking blood money to keep the lies going. Appalling.

[redacted] <http://www.facebook.com/profile.php?id=1212038176> (Note: purportedly someone in one of our released photos is her son)

RE: respirators - they have NOT been given any to wear. Just spoke with him again - this pic is from days ago - maybe even a week. He's lost track of time - 14 hrs. a day, 7 days a week of this would make a person do that.

Another tidbit - helicopter convoy just flew over - he assumes in prep of Obama arriving. Then suddenly, 15-20 boats arrived off shore and started skimming. First time he's seen boats along the shoreline in a week or more. More PR ...

[redacted] <http://www.facebook.com/profile.php?id=1073596122>

[redacted] Uh, yeah. Well the 'news' -- at least as reporters from news orgs like ABC, NBC, CBS and being REGULARLY EXCLUDED except on carefully planned 'excursions' as sponsored by BP and USCG.... ONLY.

That would explain why you aren't seeing 'more pictures'... and you can bet there will be a VERY large 'news backlash' against this policy decision, soon... one which neither BP nor the US Gov will much appreciate.

It WILL come out, and it will be neither 'sanitized' nor pretty.

[redacted] <http://www.facebook.com/1sandybrown>

[redacted] and [redacted] I am not a BP employee.. I do know however how much BP cares and I am sure I am not alone even though there are so many misguided people on here. Stay proud! Hang in there BP!

[redacted] <http://www.facebook.com/profile.php?id=1239397039>

WOW People actually defending BP? I need to go throw up now.

Representative Tweets

Mud still gushing out of BP's Mt. St. Helens in Gulf. Still no word on chemical comp. of the synthetic mud. #oilspill

From @wdsu: Jeff Parish officials say #bp brought in 400 cleanup workers just for Obama visit only; call it "shameful" http://bit.ly/9bZT0n

R @[redacted] CNN Report: Is BP Hiding Dead Wildlife From Media Coverage? http://bit.ly/c4vmKR #oilspill #birds #BP #News

Looks like a photo op to me. Their pants are clean white. RT @Oil_Spill_2010. Photos of shoreline clean-up http://bit.ly/a5ofu3 #oilspill

Websites popular on #oilspill tweets :

http://www.greenpeace.org/usa/press-center/releases2/charge-bp-not-greenpeace

http://maddowblog.msnbc.msn.com/_news/2010/05/28/4385271-wackenhut-guarding-deepwater-horizon-command-that-tidy-oil-spill-contd

Blogs

http://www.dailykos.com/story/2010/5/28/870796/-Top-Kill-confusion

http://www.theoildrum.com/node/6520#more

Blog Queries

[redacted] of Esquire still asking about tankers - sent to [redacted] of BP

[redacted] of Mother Jones asked about comparing wildlife figures from what was released today to baseline

Media Queries

Responded to Bloomberg/Business Week and OhMyGov! on the role of social media in the response.

MEDIA REPORT FOR MAY 28, 2010

Recurring Themes

Positive

1. President Obama made his second trip in the month to Louisiana's coast on Friday to monitor troubled efforts to cap the well, and to reassure people in this beleaguered community that he will solve the crisis.

View Example <http://www.nytimes.com/2010/05/29/us/politics/29obama.html>

2. During his trip to the Louisiana coast, President Obama pledged a long-term federal commitment to cleaning up the region.

View Example <http://www.washingtonpost.com/wp-dyn/content/article/2010/05/28/AR2010052803496.html>

3. According to the latest National Oceanic and Atmospheric Association forecast map, winds forecasted to be blowing offshore through Saturday morning could provide a reprieve in new shoreline impacts from the Gulf of Mexico oil spill.

View Example <http://blog.al.com/live/2010/05/latest_gulf_oil_spill_forecast_12.html>

4. NOAA is also developing new chart products for Deepwater Horizon oil spill response. While NOAA's nautical charts are essential for safe navigation throughout the oil spill region, the agency continues to respond to specific charting requests that meet response needs.

View Example <http://www.noaanews.noaa.gov/stories2010/20100528_ships.html>

5. President Obama said he would triple the manpower where oil has come ashore or is likely to in the next 24 hours.

View Example <http://content.usatoday.com/communities/ondeadline/post/2010/05/oil-update-obama-to-triple-cleanup-manpower-bp-has-2-backup-plans/1>

Negative

1. Yesterday, news broke of the Minerals Management Service Director, [redacted] resignation. However today new reports are emerging that Secretary Salazar and Deputy Secretary David Hayes pressured her to resign.

View Example <http://www.nytimes.com/gwire/2010/05/28/28greenwire-mms-directors-game-of-telephone-ends-in-firing-61751.html>

2,. Florida scientists just back from a research voyage in the Gulf of Mexico reported finding a layer of dissolved hydrocarbons that was at least 20 miles long. They suspect that the far-flung subsea oil is a result of the use of dispersants.

View Example <http://latimesblogs.latimes.com/greenspace/2010/05/scientists-reporting-finding-second-oil-plume-.html>

3. The Southern Environmental Law Center and Defenders of Wildlife gave notice today of their intent to file suit against BP "for the unauthorized take of endangered species caused by the continuing oil spill and use of dispersants."

View Example <http://www.huffingtonpost.com/rp-siegel/bp-sued-over-endangered-s_b_590284.html>

4. A bird rescue crew that was hired by BP to clean oil covered birds, was asked by BP to remove the number of oil related deaths from their website.

View Example <http://mediaq.mediavisionww.com/tvinc/2009_4_13/emailservice.aspx?videoemail=87028221201628&play=1>

Neutral

1. Coast Guard's Thad Allen says Friday through Saturday morning is a pivotal time for the top kill procedure, which aims to cap the well feeding the Gulf oil spill.

View Example <http://www.csmonitor.com/USA/2010/0528/Top-kill-to-stop-Gulf-oil-spill-in-very-critical-stage-US-official>

2. According to the NOAA, Florida's beaches are in the clear from the oil spill through the Memorial Day weekend however a small portion of the oil has now entered the loop current in the Gulf of Mexico.

View Example <http://www.wtsp.com/news/local/story.aspx?storyid=133017&catid=8>

3. The Interior Department on Friday named a new interim director to head the Minerals Management Service. [redacted] currently director of the Bureau of Land Management, will take over the agency.

View Example <http://latimesblogs.latimes.com/greenspace/2010/05/gulf-oil-spill-new-chief-for-troubled-oversight-agency.html>

4. Federal health officials called on BP to protect the health of workers cleaning up the Gulf of Mexico and residents living along the coast.

View Example <http://www.washingtonpost.com/wp-dyn/content/article/2010/05/28/AR2010052803872.html>

[redacted]

Governmental Affairs

Deepwater Horizon Response

[redacted]

[redacted]

From: National Command Center
Sent: Tuesday, May 11, 2010 7:33 PM
To: [redacted]; NOC SWO Restricted; NOC USCG; 'noc.imo@hq.dhs.gov'; HQS-DG-lst-HQ ICC-IWO; [redacted]; HQS-DG-LST-CG-5E; 'Parker, Robert RADM'; Parker, Robert VADM; Schultz, Karl RDML; LaBrec, Ronald CAPT; [redacted]; 'hqs-dg-lst-cgcc-infoalert@uscg.mil'; Neffenger, Peter RDML; Close, Timothy CAPT; [redacted]; McTague, Brian CAPT; [redacted]; RCCAlameda; [redacted]; Beeson, Scott CAPT; [redacted]; Cashin, Charles CAPT; [redacted]; OPS CAT; Allen, Thad ADM; White, Michael CAPT; Neffenger, Peter RDML; [redacted]; Buschman, Scott CAPT; DeQuattro, Pat CAPT; Fitton, James CAPT; Grant, Robert CAPT; [redacted] CIV; [redacted]; Haynes, David CAPT; [redacted]
Cc: Callahan, David CAPT; Tiongson, Andrew CAPT; [redacted]; HQS-PF-fldr-DCO-Incident Support Team; D08-DG-District-IMTWatch; D05-SMB-CAA-LANT30cc; [redacted]; National Command Center
Subject: Deepwater Horizon Response - NOC SLB for 11 MAY 2010 at 1800 EDT
Attachments: Deepwater Horizon Response Senior Leadership Brief - Gulf of Mexico (1800 EDT 11 May 10).pdf

Categories: FYI

Please see NOC SLB for 10 MAY 2010 at 1800 EDT

DHS Senior Leadership Brief:
DEEPWATER HORIZON RESPONSE
Gulf of Mexico
1800 EDT 11 May 2010
Updates in bold blue

Secretary of Homeland Security Priorities
- Ensure Responsible Party (RP) is doing everything it can to 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
  - *Resources have been shifted away from the cofferdam, which is currently on the sea floor, to a smaller device called a "top hat."
  - *Top hat is expected to arrive onsite 13 May; it could be up to 2 weeks before the top hat is functional.
- Relief Well
  - *Drill Rig DDIII has reached a drill depth of 3,537 ft below sea floor.
  - Routine drilling stoppage implemented until further testing on riser and Blow Out Preventer (BOP) valve is conducted.
  - *Drill Rig DD II scheduled to arrive on scene 13 May; scheduled to start drilling a second relief well on 14 or 15 May.
  - *Gamma Ray scan imaging of BOP verified the 4 rams are closed.
  - *Sonic scan of riser performed to analyze riser integrity; results pending.

- Dispersant
  - Surface Dispersant
    - *17 surface dispersant flights were conducted 10 May.
    - 56,220 gallons of surface dispersants applied on 10 May.
    - *Additional 17 surface dispersant flights were conducted 11 May.
    - 11 May surface dispersant totals unknown at time of report.
  - Subsea Dispersant
    - *11,500 gallons of subsea dispersant applied on 11 May.
- Oil Landfall
  - *U.S. Coast Guard (USCG) reported aviation patrol discovered possible shoreline impact on Whiskey Island, LA and Orange Beach, AL. Ground Shoreline Cleanup and Assessment Team (SCAT) investigating.

- Shipping Channels/Ports
  - *All shipping channels and ports remain open in the Gulf Coast Region.
- Operations
  - *No In Situ Burns (ISBs) or skimming operations 11 May due to weather.
  - *Booming operations continue, weather permitting.
  - *2 skimming attempts on 10 May were unsuccessful due to rough seas.
  - *Oily water mixture recovered to date: 97,688 barrels.
  - *Protective Security Advisor (PSA) SPOTREP 226 reports air monitoring was conducted between Venice, LA and Panama City, FL to address public concerns for oil vapors; no oil vapors detected.
- Assets on Scene:
  - Personnel: 5,731
  - *Boom deployed: 1,400,000 ft
  - Dispersants deployed to date: 444,706 gallons (428,307 surface/16,399 subsea).
  - Recovery Barges: 26*
  - Skimmers: 22*
  - Oil Spill Response Vessels: 16*
  - Tugs: 6*
  - Other Support Vessels: 430*
  - Remotely Operated Vehicles: 12*
  - Fixed-wing Aircraft: 8*
  - Helicopters: 23*

*Number does not include staged or ordered assets.

Authorities
- Homeland Security Presidential Directive - 5 (HSPD - 5).
- Oil Pollution Act of 1990 (OPA 90).
- National Response Framework (NRF).
- National Oil and Hazardous Substances Pollution Contingency Plan - 40 CFR 300.300.

Key Senior Leadership
- Principal Federal Official: Secretary Napolitano, U.S. Department of Homeland Security.
- Secretary Salazar: U.S. Department of the Interior.
- Director Birnbaum: U.S. Minerals Management Service.
- Administrator Jackson: U.S. Environmental Protection Agency.
- National Incident Commander: Admiral Allen, Commandant, USCG.
- Federal On-Scene Coordinator (FOSC): Rear Admiral Landry, Commander, USCG, District 8, New Orleans, LA.
- Responsible Party: British Petroleum (BP) and Transocean.

Federal Agencies/Departments
- US Coast Guard (USCG)
  - No ISB or skimming operations performed 10 May due to adverse weather.

- Department of Agriculture (USDA)
  - Animal and Plant Health Inspection Service supporting wildlife activities in LA.
- Department of Defense (DoD)
  - DoD strategic airlift and BP contracted aircraft to transport 150,000 ft of boom and 250 tons of U.S. Navy equipment from Anchorage, AK to New Orleans, LA.
  - 1,473 associated DoD personnel deployed.
  - 78 Title 10 and 1,304 Title 32 National Guard members deployed.
- Environmental Protection Agency (EPA)
  - *Coordinated with BP Environmental Unit to obtain final dispersant application plans for both subsurface and surface dispersant application.
- Federal Emergency Management Agency (FEMA)
  - Region IV at Level IV operations (Steady-State).
  - Has not received any requests for Federal assistance.
- Health and Human Services (HHS)
  - Completed review of data from EPA; no indications of health hazards due to oil.
- Department of the Interior (DOI)
  - U.S. Fish and Wildlife Service continues search, recovery and rehabilitation operations for oiled wildlife.
  - National Park Service is preparing for oil landfall along the Gulf Islands National Seashore and the west coast of Florida.
- National Oceanic and Atmospheric Administration (NOAA)
  - Weather forecast:
    - *Tuesday 11 May: South-Southeast winds 10-15 knots; seas 4 ft.
    - Wednesday 12 May: Southeast winds 15 knots; seas 5 ft.
    - Thursday 13 May: Southeast winds 10-15 knots; seas 4-5 ft.
    - Friday 14 May: Southeast winds 10-15 knots; seas 4-5 ft.
- Transportation Security Administration (TSA)
  - *TSA continues to monitor the situation for any potential impact to transportation.

Critical Infrastructure Key Resources (CIKR)

- National Infrastructure Coordinating Center (NICC)
  - The current Type II Incident Management Team at the Gulf Island National Seashore will be replaced by the Midwest Type III Team 13-14 May.
  - Command Center being established at St. Petersburg, FL; others will be established as needed.

State and Local Agencies

- Louisiana, Mississippi, Alabama, Texas and Florida communicating daily with DHS.

National Operations Center

- Current Posture: Phase 2 - Concern; Crisis Action Team Activated.
- The next SLB is scheduled for 0600 EDT 12 May.

Very Respectfully,

Coast Guard National Command Center

[redacted]

DHS Senior Leadership Brief: DEEPWATER HORIZON RESPONSE ulf of Mexico 1800 EDT 11 May 2010

Updates in bold blue

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- Ensure Responsible Party (RP) is doing everything it can to stop the oil leak.
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  - ***Top hat is expected to arrive onsite 13 May; it could be up to 2 weeks before the top hat is functional.**
- **Relief Well**
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- **Dispersant**
  - Surface Dispersant
    - ***17 surface dispersant flights were conducted 10 May.**
      - **56,220 gallons of surface dispersants applied on 10 May.**
    - ***Additional 17 surface dispersant flights were conducted 11 May.**
      - **11 May surface dispersant totals unknown at time of report.**
  - Subsea Dispersant
    - ***11,500 gallons of subsea dispersant applied on 11 May.**
- **Oil Landfall**
  - ***U.S. Coast Guard (USCG) reported aviation patrol discovered possible shoreline impact on Whiskey Island, LA and Orange Beach, AL. Ground Shoreline Cleanup and Assessment Team (SCAT) investigating.**

- **Shipping Channels/Ports**
  - ***All shipping channels and ports remain open in the Gulf Coast Region.**
- **Operations**
  - ***No In Situ Burns (ISBs) or skimming operations 11 May due to weather.**
  - ***Booming operations continue, weather permitting.**
  - ***2 skimming attempts on 10 May were unsuccessful due to rough seas.**
  - ***Oily water mixture recovered to date: 97,688 barrels.**
  - ***Protective Security Advisor (PSA) SPOTREP 226 reports air monitoring was conducted between Venice, LA and Panama City, FL to address public concerns for oil vapors; no oil vapors detected.**
- **Assets on Scene**:
  - Personnel: 5,731
  - ***Boom deployed: 1,400,000 ft**
  - Dispersants deployed to date: 444,706 gallons (428,307 surface/16,399 subsea).
  - Recovery Barges: 26*
  - Skimmers: 22*
  - Oil Spill Response Vessels: 16*
  - Tugs: 6*
  - Other Support Vessels: 430*
  - Remotely Operated Vehicles: 12*
  - Fixed-wing Aircraft: 8*
  - Helicopters: 23*

*Number does not include staged or ordered assets.

Authorities

- Homeland Security Presidential Directive – 5 (HSPD – 5).
- Oil Pollution Act of 1990 (OPA 90).
- National Response Framework (NRF).
- National Oil and Hazardous Substances Pollution Contingency Plan - 40 CFR 300.300.

Key Senior Leadership

- Principal Federal Official: Secretary Napolitano, U.S. Department of Homeland Security.
- Secretary Salazar: U.S. Department of the Interior.
- Director Birnbaum: U.S. Minerals Management Service.
- Administrator Jackson: U.S. Environmental Protection Agency.
- National Incident Commander: Admiral Allen, Commandant, USCG.
- Federal On-Scene Coordinator (FOSC): Rear Admiral Landry, Commander, USCG, District 8, New Orleans, LA.

- Responsible Party: British Petroleum (BP) and Transocean.

Federal Agencies/Departments

- **US Coast Guard (USCG)**
  - No ISB or skimming operations performed 10 May due to adverse weather.
- **Department of Agriculture (USDA)**
  - Animal and Plant Health Inspection Service supporting wildlife activities in LA.
- **Department of Defense (DoD)**
  - DoD strategic airlift and BP contracted aircraft to transport 150,000 ft of boom and 250 tons of U.S. Navy equipment from Anchorage, AK to New Orleans, LA.
  - 1,473 associated DoD personnel deployed.
  - 78 Title 10 and 1,304 Title 32 National Guard members deployed.
- **Environmental Protection Agency (EPA)**
  - ***Coordinated with BP Environmental Unit to obtain final dispersant application plans for both subsurface and surface dispersant application.**
- **Federal Emergency Management Agency (FEMA)**
  - Region IV at Level IV operations (Steady-State).
  - Has not received any requests for Federal assistance.
- **Health and Human Services (HHS)**
  - Completed review of data from EPA; no indications of health hazards due to oil.
- **Department of the Interior (DOI)**
  - U.S. Fish and Wildlife Service continues search, recovery and rehabilitation operations for oiled wildlife.
  - National Park Service is preparing for oil landfall along the Gulf Islands National Seashore and the west coast of Florida.
- **National Oceanic and Atmospheric Administration (NOAA)**
  - Weather forecast:
    - ***Tuesday 11 May: South-Southeast winds 10-15 knots; seas 4 ft.**
    - **Wednesday 12 May: Southeast winds 15 knots; seas 5 ft.**
    - **Thursday 13 May: Southeast winds 10-15 knots; seas 4-5 ft.**
    - **Friday 14 May: Southeast winds 10-15 knots; seas 4-5 ft.**
- **Transportation Security Administration (TSA)**
  - ***TSA continues to monitor the situation for any potential impact to transportation.**

Critical Infrastructure Key Resources (CIKR)

- National Infrastructure Coordinating Center (NICC)
  - The current Type II Incident Management Team at the Gulf Island National Seashore will be replaced by the Midwest Type III Team 13-14 May.
  - Command Center being established at St. Petersburg, FL; others will be established as needed.

State and Local Agencies

- Louisiana, Mississippi, Alabama, Texas and Florida communicating daily with DHS.

National Operations Center

- Current Posture: Phase 2 – Concern; Crisis Action Team Activated.
- **The next SLB is scheduled for 0600 EDT 12 May.**

[redacted]

From: National Command Center
Sent: Tuesday, May 11, 2010 4:19 PM
To: HQS-CGHQCAC4; [redacted] NOC SWO Restricted; NOC USCG; 'noc.imo@hq.dhs.gov'; HQS-DG-lst-HQ ICC-IWO; [redacted] Lloyd, Anthony CAPT; [redacted] HQS-DG-LST-CG-5E; 'Parker, Robert RADM'; Parker, Robert VADM; Schultz, Karl RDML; LaBrec, Ronald CAPT; [redacted] 'hqs-dg-lst-cgcc-infoalert@uscg.mil'; Neffenger, Peter RDML; Close, Timothy CAPT; [redacted] McTague, Brian CAPT [redacted] Heather; DaPonte, Stephen LCDR; RCCAlameda; Grawe, William; Gautier, Peter CAPT; [redacted] Beeson, Scott CAPT; [redacted] Cashin, Charles CAPT [redacted] OPS CAT; Allen, Thad ADM; White, Michael CAPT; Neffenger, Peter RDML [redacted] Buschman, Scott CAPT; DeQuattro, Pat CAPT; Fitton, James CAPT; Grant, Robert CAPT; [redacted] CIV; [redacted] Haynes, David CAPT; [redacted]
Cc: Callahan, David CAPT; Tiongson, Andrew CAPT; [redacted] HQS-PF-fldr-DCO-Incident Support Team; D08-DG-District-IMTWatch; D05-SMB-CAA-LANT30cc; National Command Center; [redacted]
Subject: Deepwater Horizon Response - USCG's input for NOC SLB for 11 MAY 2010 at 1600 EDT
Attachments: Deepwater Horizon Response NOC CG SITBUL 11 May 2010 (1600 ET).pdf; Deepwater Horizon Response NOC CG Cover Sheet 11 May 2010 (1600 ET).pdf

Categories: Orange Category

Please see USCG's input 11 MAY 2010 at 1600 EDT for NOC SLB.

Due to the size of embedded graphics, the LANT Brief (PowerPoint) is accessible from https://cgportal.uscg.mil/lotus/myquickr/lant-3ncc

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, 13 MAY 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.

o 56,220 gallons of surface dispersants applied in 17 Modular Aerial Spray System (MASS) aerial dispersant sorties.

o 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.

Very Respectfully,

Coast Guard National Command Center IMT

[redacted]

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.
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- 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:

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- National Guard Bureau is reporting 1,287 personnel deployed in four States.

[redacted]

From: National Command Center
Sent: Monday, May 24, 2010 2:27 AM
To: National Command Center; [redacted] NOC SWO Restricted; NOC USCG; 'noc.imo@hq.dhs.gov'; HQS-DG-lst-HQ ICC-IWO; [redacted] Lloyd, Anthony CAPT; [redacted]; HQS-DG-LST-CG-5E; 'Parker, Robert RADM'; Parker, Robert VADM; Schultz, Karl RDML; LaBrec, Ronald CAPT; [redacted]; 'hqs-dg-lst-cgcc-infoalert@uscg.mil'; Close, Timothy CAPT; [redacted] McTague, Brian CAPT; [redacted]; RCCAlameda; [redacted]; Cashin, Charles CAPT; [redacted] OPS CAT; Allen, Thad ADM; White, Michael CAPT; Neffenger, Peter RDML; [redacted] Buschman, Scott CAPT; DeQuattro, Pat CAPT; Fitton, James CAPT; Grant, Robert CAPT; [redacted] CIV; [redacted] Haynes, David CAPT; [redacted] Stowe, Cynthia CAPT; Caplis, John CAPT; [redacted]; 'HQS-DG-1st-CG-00-NIC@uscg.mil'
Cc: Tiongson, Andrew CAPT [redacted]; D08-DG-District-IMTWatch; D05-SMB-CAA-LANT30cc; [redacted] HQS-PF-fldr-NIC HQ Situation Unit
Subject: Deepwater Horizon Response - USCG's input for NOC SLB for 24 MAY 2010 at 0200 EDT
Attachments: NOC_CG SITBUL 24 May 2010 (0100 ET).pdf

Categories: FYI

Please see USCG's input 24 MAY 2010 at 0200 EDT for NOC SLB.

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.

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		
Field Responders	17,840	

UAC Slide Deck – valid through 2000 22 May.
23 May figures not available at this time.
.

- 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
CGC ELM (VOSS) moored Pensacola, FL

CGC CYPRESS moored Pensacola, FL
Surface
Task Force MSRC 1, 2 and AMPOL will be working with the HOSS barge near the source location.
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Air NTR
Air COMMS
Enhanced Mobile Incident Command Post (EMICP) & Communications Vehicle (MCV) arrived Robert, LA

V/R,

Coast Guard National Command Center IMT

CGHQ-2611 (LANT-3NCC)

[redacted]

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

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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.

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Air	NTR	Air	
COMMS	Enhanced Mobile Incident Command Post (EMICP) & Communications Vehicle (MCV) arrived Robert, LA		

[redacted]

From: [redacted]
Sent: Monday, May 10, 2010 1:03 PM
To: HQS-PF-fldr-DCO-Incident Support Team
Cc: White, Michael CAPT; Beeson, Scott CAPT; Gautier, Peter CAPT
Subject: Follow-up questions from the Secretary for the PC
Attachments: PC- 5-10 oil spill tps 1030 am.doc

Importance: High

Categories: Purple Category

Sir,

These answers did not make me popular. I need to revise to give an answer, period. I'm revising to make more politic; please help me fill in the blanks. Need in less than 30 minutes if within human endurance.

BP

From: [redacted] [mailto: [redacted]]
Sent: Monday, May 10, 2010 10:35 AM
To: [redacted]
Cc: [redacted]
Subject: RE: follow-up questions from the Secretary for the PC

Thanks, here's the latest tp's (attached) and q/a below.

What is the total square miles of the spill?

"By last assessment on [DATE], the slick was approximately the size of [DELAWARE???]. As the slick spreads it is breaking up and coming ashore, and is therefore no longer a single central shape around the site of the accident. By Wednesday, 12 May 2010, surface oil [give some kind of description - miles of coastline, something]"

OLD ANSWER: NOAA is no longer providing this information due to the technical difficulty in making the assessment. As the sheen and slick break into smaller pieces, the large size and complex geometry have made the product very difficult.

Why is the current relief well on hold pending further tests on the riser and BOP?

"Drilling has currently paused, a normal part of the drilling process, to allow cement hardened in the shaft casing and prevent the shaft from collapsing. There will be six total pauses in the 100-total-day process to drill to the required depth."

Have we tested the tar balls found in Dauphin Island, AL to ensure they are associated with this spill?

"We have collected the tar balls for sampling, and results pend. The tar balls are consistent with those known to originate with the DEEPWATER HORIZON spill." OR: "We are not conducting oil spill analysis on the tar balls because the SCAT team concluded from other indicators that these tar balls are associated with the DEEPWATER HORIZON spill."

OLD ANSWER:

The scientists have assured the NIC that they are associated with the spill.

How much boom is available worldwide?

"While there are no concrete inventories of boom, we estimate US inventory at more than [NUMBER], and world inventories at [NUMBER]. Additionally, we estimate the supply chain is manufacturing new boom at the rate of [NUMBER]. "

OLD ANSWER:

Currently, more than 1 million feet of boom have been deployed; more than 1.4 million feet is staged; 1.5 million feet have been identified—both domestically and internationally—for procurement.

What are we doing proactively to protect the shipping channels?

"All Gulf Ports are open without restriction. Shipping lanes have not, to this time, been impeded by the oil slick. We have continuously monitored ships arriving at [PORTS] since {DATE] and found no signs of oiling. Additionally, we have established two ship decontamination stations should ships become contaminated while transiting through oil.

Finally, the port of Mobile Bay has established a lock system across the primary shipping channel, and has designed it with a "lock" system which allows one ship at a time to enter without exposing the Bay to incoming oil." IS THIS ACCURATE?

OLD ANSWER:

- 2 ship decontamination stations have been set up; had not been used as of yesterday.

- Mobile Bay has established a lock system across the primary section of the shipping channel.

§ Two sets of boom have been laid across the channel.

§ The first section is opened, the ship enters the lock, and the first section is closed.

§ The second section is opened and the ship can continue on.

From: [redacted] [mailto: [redacted]]
Sent: Monday, May 10, 2010 10:14 AM
To: [redacted]
Cc: [redacted]
Subject: RE: follow-up questions from the Secretary for the PC

Here are some further edits/ some information added in.

Bobby talked to the area command situation room—they said that they do not have the spill area on hand.

[redacted], is this something that you might be able to track down?

Thanks for your help,

--

[redacted]

From: [redacted] [mailto: [redacted]
Sent: Monday, May 10, 2010 10:02 AM
To: [redacted]
Cc: [redacted]
Subject: Re: follow-up questions from the Secretary for the PC

Thanks. Do we have the square miles of the spill. Admiral Allen reports on this daily.

From: [redacted]
To: [redacted]
Cc: [redacted]
Sent: Mon May 10 10:00:52 2010
Subject: RE: follow-up questions from the Secretary for the PC

Ma'am,

The NIC-Headquarters confirms that drilling has paused, but this is part of the drilling process. The drilling must periodically stop while the cement is hardened in the shaft to preclude it from collapsing. There will be six additional pauses in the 100-total-day process to drill to the required depth.

Respectfully,

[redacted]

From: [redacted] [mailto: [redacted]
Sent: Monday, May 10, 2010 9:16 AM

To: [redacted]
Cc: [redacted]
Subject: Re: follow-up questions from the Secretary for the PC

The NIC report this am said the current relief well was on hold. Commander, can you please doublecheck?

From: [redacted]
To: [redacted]
Cc: [redacted]
Sent: Mon May 10 09:11:35 2010
Subject: RE: follow-up questions from the Secretary for the PC

From: [redacted]
Sent: Monday, May 10, 2010 8:30 AM
To: [redacted]
Cc: [redacted]
Subject: follow-up questions from the Secretary for the PC

Can we please track these down ASAP- thank you.

Total square miles of the spill; anticipated trajectory over the next few days/ weeks if leaks are not stopped (she would also like the latest NOAA diagram on this)

Why is the current relief well on hold pending further tests on the riser and BOP?

- According to BP rep, digging was still ongoing as of this morning. This was also what all of other leadership I could track down believed.

Have we tested the tar balls found in Dauphin Island, AL to ensure they are associated with this spill?

How much boom is available worldwide (beyond the 1.4M ft available at our staging locations)?

- As of yesterday, 1.5 million feet had been identified that is available for delivery domestically, as well as from China, Brazil, Mexico, Spain, Taiwan, Australia, the U.K., and

Bahrain. Will try to track down "boom czar" (this is what they're calling her for real) to double check for no change.

What are we doing proactively to protect the shipping channels?

- 2 ship decontamination stations have been set up; had not had to be used as of yesterday.

- Also, Mobile is setting up a sort of lock system across the main shipping channel.

o Shallow areas are being boomed off, then, across the main shipping channel, a lock system is being set up. So, two sets of boom across the channel. First is opened, ship enters, boom is closed again, second is open and ship continues.

§ Gov. Riley visited Mobile IPC and basically said, "come up with a solution." This is what they've developed, no more information as of yet (had them on the phone), but they're hopefully getting some images this afternoon.

§ It has not yet been determined if there is going to be a decontamination station set up at this place.

She also wanted to add an "upcoming decision points" section. Here are the questions she raised; she was also seeking the Deputy's input here.

. Apply underwater dispersant regardless of conclusive tests?

. Apply methyl alcohol in the dome without current protocol in place?

. Boom locations/ decisions; what is the most "valuable" to protect?

Current Response Activities

- Ongoing response and preparation for landfall continues in the four Gulf Coast States.

- Our priorities are:
    1. Stop of the leak
    2. Stop the oil from spreading
    3. Prevent landfall
    4. Clean-up/ Recovery

By the Numbers

- 10,000 federal, state, local and private sector personnel- at sea and onshore.

- 14,500 trained volunteers.

- DOD approved activation of up to 17,500 National Guard troops; 1,287 are currently deployed.

- More than 290 vessels are responding in addition to dozens of aircraft, remotely operated vehicles, and mobile offshore drilling units.

- More than 1 million feet of boom have been deployed to contain the spill; more than 1.4 million feet are available at staging locations and 1.5 million feet have been identified—both domestically and internationally—for procurement.

- Nearly 3.6 million gallons of an oil-water mix have been recovered.

- Approximately 372,000 gallons of dispersant have been deployed. More than 180,000 gallons are available.

- 13 staging areas have been set up.

Stop the Leak

- BP's continued attempts to activate the blowout preventer and seal the well have been unsuccessful.

- The ultimate solution is to dig a relief well. BP has begun digging this well, which will relieve pressure and permanently stop the flow of oil. This process will take 2-3 months. BP expects to start the second relief well on May 15.

- BP has focused on placing a large steel/concrete structure called a "dome" or "coffer dam" over the largest leak source to contain the oil so that it could be siphoned out.

    - This past weekend, BP lowered the dome in an attempt to contain the leak, but failed when ice crystals developed in the dome, created buoyancy, and lifted it off the sea floor.

    - Engineers are now seeking to design a second dome, but that effort will take approximately two weeks.

- BP has also performed work on the blowout preventer that allows the possibility of attempting a "top kill," in which mud and concrete are pumped into the blowout preventer to plug the well.

Stop the Oil from Spreading

- We continue aggressive surface and shoreline response operations to reduce, mitigate, remove, and dispose of the spilled oil by:

    - Burning oil on the water's surface.

    - Mechanically removing oil by skimming it from the surface.

    - Applying chemical dispersants.

    - Blocking the oil's progress toward shore with boom (more than 1 million feet of boom have been deployed; more than 1.4 million

feet are staged; 1.5 million feet have been identified—both domestically and internationally—for procurement).

- All shipping channels and ports currently remain open in the Gulf Coast region. There are no reported delays or closures to shipping.
  - Two ship decontamination stations have been set up.
  - Mobile Bay has established a lock system across the primary section of the shipping channel.
    1. Two sets of boom have been laid across the channel.
    2. The first section is opened, the ship enters the lock, and the first section is closed.
    3. The second section is opened and the ship can continue on.

Prevent Landfall

- Because of shifting wind and ocean current patterns, it has been nearly impossible to predict with precision the ultimate point of landfall.
- Currently, due to the prevailing wind patterns, which are forecast to be coming from the east, the areas of concern are focused on the Louisiana coastline to the northwest and west of the spill site.
- Confirmed oil sightings:
  - Freemason & Chandeleur Islands (Louisiana). Clean up is ongoing and has been for several days.
  - Dauphin Island, AL. Two mile long strip of small tar balls.
  - Small tar balls washed up on Ship Island, MS were analyzed and found not to be related to the BP Spill.

Recovery- Claims Processing

- BP, as the responsible party, established a toll-free claims hotline to receive and process claims of economic damages, property damage, and personal injury.

- As of Sunday (5/9), BP reported that it had opened 4,877 claims, disbursed over $1.4 million, and has not yet denied a claim.

- DHS continues to monitor BP's claims process and is pressing BP to allow individuals to file claims online.

- Coast Guard has a website and toll-free number for claims resolution.

- We have deployed senior leadership to the Gulf Coast to oversee claims; these individuals have had extensive experience with Katrina.

- The Administration is also preparing legislation to extend government assistance programs to victims of the oil spill.

Coordination and Communications

- The NRT holds daily conference calls at 11:00 a.m. to brief the interagency on response efforts and developments on the communications, legal, congressional, and intergovernmental fronts.

- In addition, DHS leads or participates in the following daily calls:

    - 9:15 am: Governors of the Gulf Coast states
    - 3 pm: Members of Congress and staff
    - 3 pm: Mayors of major cities in the Gulf Coast states
    - 2/3 pm: Private sector interests in New Orleans and Mobile
    - 6:45 pm: Principals call with John Brennan

- Within the National Response Team, there are daily coordination calls relating to the communications, intergovernmental, legal, economic, and international aspects of the response.

- The NIC publishes twice a day briefs for leadership- at 6 am/ 6 pm.

Investigation

- The first formal public proceedings which are part of the USCG/MMS Joint Investigation will begin tomorrow, May 11 and run through May 14, 2010.

- Government attorneys are working with BP to ensure that all records and evidence that may be relevant to the ongoing investigation to identify the cause of the well blowout and any future litigation are preserved, including monitoring the removal of equipment and debris from the spill site.

Upcoming Decision Points

- Inject dispersant directly at the source of the leak underwater regardless of conclusive tests?

- Apply methyl alcohol in the dome without current protocol in place?

- Attempt to install new pressure control equipment over the existing Blowout Preventer to seal the well from the top?

- Boom locations/ decisions; what is the most "valuable" to protect?

[redacted]

From: [redacted]
Sent: Monday, May 17, 2010 2:51 PM
To: HQS-PF-fldr-NIC HQ Situation Unit; D08-DG-District-IMTWatch
Subject: FW: Area Command 1200 SIT UNIT DELIVERABLES

Categories: FYI

NIC: The below is for your awareness.

D8IMT: Please add the NIC to your LANT daily deliverable.

V/R
[redacted]

-----Original Message-----
From: [redacted]
Sent: Monday, May 17, 2010 11:46 AM
To: D05-SMB-CAA-LANT30cc; D05-SMB-LANTIMT
Cc: D08-DG-District-IMTWatch
Subject: Area Command 1200 SIT UNIT DELIVERABLES

-Skimming Ops: 26 boats scheduled; weather appears to be conducive to skimming ops

-Surface dispersants: 11 sorties and 21 dispersant flights are scheduled for today

•Total Boom deployed: 1,300,110 feet

•Oily water mixture recovered: Last Period: 6,987 bbls Total: 158,378 bbls

•Surface dispersants applied: Last Period: 6,600 gal Total: 582,416 gal

•Sub-sea dispersants applied: Last Period: 7,500 Total: 45,313 gal

•Wildlife Impact: Last Period: 3 Total: 35

•Total vessels assigned: 2401 Available/staged:1,724 Assigned: 789

•Total Fixed Wing Aircraft assigned: 17

•Total Helo Aircraft assigned: 35

•Total Response Personnel assigned: 17,159

•On-scene weather: Winds: W 5-10kts, Seas 2-3ft Light 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: 3 teams designated to perform Controlled burns

[redacted]

From: [redacted]
Sent: Tuesday, May 11, 2010 12:54 PM
To: 21oss.osw.ex@peterson.af.mil; [redacted]; Cop Manager; [redacted]; EOC DOC; FEMA-MACMAPS; GISSupport; ICC Deputy; IP.IMC; J[redacted] HQS-PF-fldr-NIC HQ Situation Unit; nnc.cmdctrdomainmaritime.omb@northcom.mil; nnc.cmdctrmetoc.omb@northcom.mil; NOC NGA; NOC NOAA[redacted]; WMD OPS; [redacted]

Subject: FW: NOC Phase 2 - Concern 0455-10 Update Report 43 - DEEPWATER HORIZON Response - Gulf of Mexico (1200 EDT 11 May 10)

Attachments: Senior Leadership Brief DEEPWATER HORIZON Response - Gulf of Mexico (1200 EDT 11 May 10).docx; image001.jpg

Categories: FYI

Subject: NOC Phase 2 - Concern 0455-10 Update Report 43 - DEEPWATER HORIZON Response - Gulf of Mexico (1200 EDT 11 May 10)

NOC Phase 2 - Concern 0455-10 Update Report 43 - DEEPWATER HORIZON Response - Gulf of Mexico

Current: The US Coast Guard (USCG) reports the second cofferdam is a redesign of the top piece of the existing cofferdam that will avoid the build-up of the clogging hydrate crystals with an expected completion time of up to 2 weeks. British Petroleum (BP), Houston continues researching 4 different options (containment, Blowout Preventer (BOP), top kill, and relief wells) to contain the source leak. BP is attempting to install a pressure gauge on the BOP to get an accurate oil release amount. There are no In Situ burns or skimming operations scheduled for today, 11 May. Booming and dispersant operations are ongoing. To date, 97,688 barrels of oil - water mixture have been recovered and 1,175,400 feet of boom have been assigned. Surface dispersants applied on 10 May was 56,220 gallons and total to date is 428,307 gallons. Subsea dispersants applied to date is 16,399 gallons.

Future: Drill Rig DD II is scheduled to arrive Thursday, 13 May and start drilling a 2nd well on Sunday, 16 May. The National Oceanic and Atmospheric Administration forecasts southeast winds at 10 - 20 knots over the next 48 hours and seas are forecast to be 3 - 5 feet and choppy. The Department of Homeland Security National Operations Center will continue to monitor this event. The next Senior Leadership Brief and Update Report will be published at 1800 EDT.

Other: Shipping channels / ports remain open in the Gulf Coast region. 3 CG cutters and 2 commercial vessel are outfitted with a Vessel of Opportunity Skimming System and will be deployed to the eastern side of southern tip of Louisiana to conduct oil skimming operations.

Background: On 21 Apr 10, the USCG reported an ongoing fire after an explosion onboard a mobile drilling platform, DEEPWATER HORIZON, off the coast of Louisiana.

DHS Senior Leadership Brief:

DEEPWATER HORIZON RESPONSE

Gulf of Mexico

1200 EDT 11 May 2010

Updates in bold blue

Secretary of Homeland Security Priorities

- Ensure Responsible Party (RP) is doing everything it can to 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

- Cofferdam:

o Second cofferdam is being modified at Port Fourchon, LA.

§ Second Cofferdam "Top Hat" redesigned to avoid build-up of the clogging hydrate crystals; expected completion could take up to 2 weeks.

o Efforts to resolve hydrate crystal buildup on first cofferdam ineffective.

- Shipping Channels/Ports

o All shipping channels and ports remain open in the Gulf Coast Region.

- Relief Well

o Drill Rig DDIII has reached a drill depth of 3,537 ft below sea floor.

o Drill Rig DD II scheduled to arrive on scene 13 May; scheduled to start drilling a second relief well on 16 May.

o Routine drilling stoppage implemented until further testing on riser and Blow Out Preventer (BOP) valve is conducted.

o Gamma Ray scan imaging of BOP verified the 4 rams are closed.

o Sonic scan of riser performed to analyze riser integrity; results pending.

- Oil Landfall

o No new confirmed reports of oil making landfall.

- Operations

o No In Situ Burns (ISBs) or skimming operations 11 May due to weather.

o Booming and dispersant operations continue, weather permitting.

o 24-hour test (10 gallons per minute) of subsea dispersant concluded and results are pending; no subsea dispersant applied operationally.

o 56,220 gallons of surface dispersants applied on 10 May via 17 flights.

o 2 skimming attempts on 10 May were unsuccessful due to rough seas.

o Oily water mixture recovered to date: 97,688 barrels.

- Assets on Scene:

o Personnel: 5,731

o Boom deployed: 1,175,400 ft

o Dispersants deployed to date: 444,706 gallons (428,307 surface/16,399 subsea).

o Recovery Barges: 26*

o Skimmers: 22*

o Oil Spill Response Vessels: 16*

o Tugs: 6*

o Other Support Vessels: 430*

o Remotely Operated Vehicles: 12*

o Fixed-wing Aircraft: 8*

o Helicopters: 23*

*Number does not include staged or ordered assets.

Authorities

- Homeland Security Presidential Directive - 5 (HSPD - 5).
- Oil Pollution Act of 1990 (OPA 90).
- National Response Framework (NRF).
- National Oil and Hazardous Substances Pollution Contingency Plan - 40 CFR 300.300.

Key Senior Leadership

- Principal Federal Official: Secretary Napolitano, US Department of Homeland Security.
- Secretary Salazar: US Department of the Interior.
- Director Birnbaum: US Minerals Management Service.
- Administrator Jackson: US Environmental Protection Agency.
- National Incident Commander: Admiral Allen, Commandant, USCG.
- Federal On-Scene Coordinator (FOSC): Rear Admiral Landry, Commander, USCG, District 8, New Orleans, Louisiana (LA).
- Responsible Party: British Petroleum (BP) and Transocean.

Federal Agencies/Departments

- US Coast Guard (USCG)

o No ISB or skimming operations performed 10 May due to adverse weather.

- Federal Emergency Management Agency (FEMA)

o Region IV at Level IV operations (Steady-State).

o Has not received any requests for Federal assistance.

- National Oceanic and Atmospheric Administration (NOAA)

o Weather forecast:

§ Tuesday 11 May: Southeast winds 10-15 knots; seas 3-4 ft.

§ Wednesday 12 May: Southeast winds 15-20 knots; seas 4-5 ft.

§ Thursday 13 May: Southeast winds 15-20 knots; seas 5 ft.

· Department of the Interior (DOI)

o U.S. Fish and Wildlife Service continues search, recovery and rehabilitation operations for oiled wildlife.

o National Park Service is preparing for oil landfall along the Gulf Islands National Seashore and the west coast of Florida.

· Department of Defense (DoD)

o 5 commercial aircraft and C-17 airlift missions contracted to transport 150,000 ft of boom and 250 tons of U.S. Navy equipment from Alaska (AK) to LA.

§ First 3 C-17 missions are scheduled to arrive New Orleans, LA 11 May.

o 1 IL-76 aircraft and 1 747 aircraft arrived in New Orleans.

· Environmental Protection Agency (EPA)

o EPA is coordinating with BP on National Pollutant Discharge Elimination System (NPDES) permit variances to proceed with the use of methanol inside the cofferdam to remove hydrate deposition.

· Department of Agriculture (USDA)

o Animal and Plant Health Inspection Service supporting wildlife activities in LA.

· Health and Human Services (HHS)

o Completed review of data from EPA; no indications of health hazards due to oil.

Critical Infrastructure Key Resources (CIKR)

· National Infrastructure Coordinating Center (NICC)

o The current Type II Incident Management Team at the Gulf Island National Seashore will be replaced by the Midwest Type III Team 13-14 May.

o Command Center being established at St. Petersburg, FL; others will be established as needed.

State and Local Agencies

- Louisiana, Mississippi, Alabama, Texas and Florida communicating daily with DHS.

National Operations Center

- Current Posture: Phase 2 - Concern; Crisis Action Team Activated.
- The next SLB is scheduled for 1800 EDT 11 May.

DHS Senior Leadership Brief: DEEPWATER HORIZON RESPONSE Gulf of Mexico 1200 EDT 11 May 2010

Updates in bold blue

Secretary of Homeland Security Priorities

- Ensure Responsible Party (RP) is doing everything it can to 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

- **Cofferdam:**
  - **Second cofferdam is being modified at Port Fourchon, LA.**
    - **Second Cofferdam "Top Hat" redesigned to avoid build-up of the clogging hydrate crystals; expected completion could take up to 2 weeks.**
  - **Efforts to resolve hydrate crystal buildup on first cofferdam ineffective.**
- **Shipping Channels/Ports**
  - **All shipping channels and ports remain open in the Gulf Coast Region.**
- **Relief Well**
  - **Drill Rig DDIII has reached a drill depth of 3,537 ft below sea floor.**
  - **Drill Rig DD II scheduled to arrive on scene 13 May; scheduled to start drilling a second relief well on 16 May.**
  - **Routine drilling stoppage implemented until further testing on riser and Blow Out Preventer (BOP) valve is conducted.**
  - **Gamma Ray scan imaging of BOP verified the 4 rams are closed.**
  - **Sonic scan of riser performed to analyze riser integrity; results pending.**
- **Oil Landfall**
  - **No new confirmed reports of oil making landfall.**
- **Operations**
  - **No In Situ Burns (ISBs) or skimming operations 11 May due to weather.**
  - **Booming and dispersant operations continue, weather permitting.**
  - **24-hour test (10 gallons per minute) of subsea dispersant concluded and results are pending; <u>no subsea dispersant applied operationally.</u>**
  - **56,220 gallons of surface dispersants applied on 10 May via 17 flights.**
  - **2 skimming attempts on 10 May were unsuccessful due to rough seas.**
  - **Oily water mixture recovered to date: 97,688 barrels.**

- **Assets on Scene**:
  - Personnel: 5,731
  - Boom deployed: 1,175,400 ft
  - Dispersants deployed to date: 444,706 gallons (428,307 surface/16,399 subsea).
  - Recovery Barges: 26*
  - Skimmers: 22*
  - Oil Spill Response Vessels: 16*
  - Tugs: 6*
  - Other Support Vessels: 430*
  - Remotely Operated Vehicles: 12*
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- Director Birnbaum: US Minerals Management Service.
- Administrator Jackson: US Environmental Protection Agency.
- National Incident Commander: Admiral Allen, Commandant, USCG.
- Federal On-Scene Coordinator (FOSC): Rear Admiral Landry, Commander, USCG, District 8, New Orleans, Louisiana (LA).
- Responsible Party: British Petroleum (BP) and Transocean.

Federal Agencies/Departments

- **US Coast Guard (USCG)**
  - No ISB or skimming operations performed 10 May due to adverse weather.

- **Federal Emergency Management Agency (FEMA)**
  - Region IV at Level IV operations (Steady-State).
  - Has not received any requests for Federal assistance.

- **National Oceanic and Atmospheric Administration (NOAA)**
  - Weather forecast:
    - Tuesday 11 May: Southeast winds 10-15 knots; seas 3-4 ft.
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- **Department of the Interior (DOI)**
  - **U.S. Fish and Wildlife Service continues search, recovery and rehabilitation operations for oiled wildlife.**
  - **National Park Service is preparing for oil landfall along the Gulf Islands National Seashore and the west coast of Florida.**

- **Department of Defense (DoD)**
  - **5 commercial aircraft and C-17 airlift missions contracted to transport 150,000 ft of boom and 250 tons of U.S. Navy equipment from Alaska (AK) to LA.**
    - **First 3 C-17 missions are scheduled to arrive New Orleans, LA 11 May.**
  - **1 IL-76 aircraft and 1 747 aircraft arrived in New Orleans.**

- **Environmental Protection Agency (EPA)**
  - EPA is coordinating with BP on National Pollutant Discharge Elimination System (NPDES) permit variances to proceed with the use of methanol inside the cofferdam to remove hydrate deposition.

- **Department of Agriculture (USDA)**
  - Animal and Plant Health Inspection Service supporting wildlife activities in LA.

- **Health and Human Services (HHS)**
  - Completed review of data from EPA; no indications of health hazards due to oil.

Critical Infrastructure Key Resources (CIKR)

- National Infrastructure Coordinating Center (NICC)
  - **The current Type II Incident Management Team at the Gulf Island National Seashore will be replaced by the Midwest Type III Team 13-14 May.**
  - **Command Center being established at St. Petersburg, FL; others will be established as needed.**

State and Local Agencies

- Louisiana, Mississippi, Alabama, Texas and Florida communicating daily with DHS.

National Operations Center

- Current Posture: Phase 2 – Concern; Crisis Action Team Activated.
- **The next SLB is scheduled for 1800 EDT 11 May.**

[redacted]

From: [redacted]
Sent: Saturday, May 15, 2010 8:40 AM
To: [redacted]; Capt Christopher Moore; [redacted]; EOC DOC; [redacted]; DeepWaterHorizonResponseTeam@nga.mil; [redacted] FEMA-MACMAPS [redacted]; GISSupport; [redacted] ICC Deputy; Interior; IP.IMC; IRSCC WORKING GROUP; jdfahsholtz@usgs.gov; Joseph.Hartel@northcom.mil; Kamoie, [redacted] HQS-PF-fldr-NIC HQ Situation Unit; nnc.cmdctrdomainmaritime.omb@northcom.mil; nnc.cmdctrmetoc.omb@northcom.mil; NOC NGA; NOC NOAA; [redacted]

Subject: FW: NOC Phase 2 - Concern 0455-10 Update Report 51 - DEEPWATER HORIZON Response - Gulf of Mexico (0600 EDT 15 May 10)

Attachments: Senior Leadership Brief DEEPWATER HORIZON Response - Gulf of Mexico (0600 EDT 15 May).docx; image002.jpg

Categories: FYI

NOC Phase 2- Concern 0455-10 Update Report 51 – DEEPWATER HORIZON Response – Gulf of Mexico

Current: US Coast Guard (USCG) and Environmental Protection Agency (EPA) have authorized the use of subsea dispersants. Preliminary testing indicates subsea dispersants effective at reducing the amount of oil that reach the surface and do so with less dispersant than surface applications. The Drill rig was unable to connect the Riser Insertion Tube Tool (RITT) with the drill pipe and is bringing the RITT and stand to the surface for modifications. The Top Hat remains on the seabed and standing by pending the effectiveness of the RITT. Skimming operations and In Situ burns for 15 May are dependent on weather conditions. There were 14 air sorties (Non USCG) completed on 14 May, with 44,031 gallons of dispersant applied by DoD and contractor assets. The result of the sonic scan on the Blow Out Preventer (BOP) was inconclusive. The scan was unable to confirm the location of the drill pipe and whether it was between the kink and the BOP. To date, 1,689,850 feet of boom has been assigned.

Future: The National Oceanic and Atmospheric Administration forecasts southeast winds at 10-15 knots and seas at 4-5 feet through 17 May. The Department of Homeland Security National Operations Center will continue to monitor this event. The next Senior Leadership Brief will be published at 1200 and the next Update Report will be published at 1800 EDT, 15 May.

Other: The National Infrastructure Coordinating Center reports petroleum drillers/ producers off the Louisiana coast intend to continue normal operations.

Background: On 21 Apr 10, the USCG reported an ongoing fire after an explosion onboard a mobile drilling platform, DEEPWATER HORIZON, off the coast of LA.

20100515T0600_DeepwaterHorizon_24hr.jpg

DHS Senior Leadership Brief:

DEEPWATER HORIZON RESPONSE

Gulf of Mexico

0600 EDT 15 May 2010

Updates in bold blue

Secretary of Homeland Security Priorities

*
Ensure Responsible Party (RP) is doing everything it can to 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

o Riser Insertion Tube Tool (RITT)

* RITT is the primary source mitigation option. (USCG)

* Drill rig was unable to connect RITT with drill pipe and is bringing RITT and stand to surface for modifications. (USCG)

o Top Hat Containment System

* Top Hat remains on the seabed; standing-by pending effectiveness of the RITT. (USCG)

o Top Kill

* Top Kill equipment being staged; commencement of operation scheduled for 18 May. (USCG)

o Relief Well

* Drill Rig DDIII drill depth remains 3,537 ft below sea floor. (USCG)

* Routine drilling stoppage implemented until further testing on riser and Blowout Preventer (BOP) valve is conducted. (USCG)

* Drill Rig DDII on scene; drilling of second relief well to commence on 16 May. (USCG)

o Blow Out Preventer (BOP)

* Sonic scan results on the BOP inconclusive; unable to confirm location of the drill pipe or if it is between the kink and the BOP. (USCG)

* Oil Landfall

o Observations of the oil slick indicate the distance between the oil slick and the Gulf of Mexico's loop current has gone from about 90 miles 1 week ago to about 40 miles as of 13 May. (NOAA)

* Shipping Channels/Ports

o All shipping channels and ports remain open in the Gulf Coast Region. (USCG)

* No vessels have required cleaning or decontamination.

* Operations

o Booming/skimming operations continue, weather permitting. (USCG)

* No Skimming operations conducted 14 May.

o In Situ Burns (ISBs) scheduled for 15 May, weather permitting. (USCG)

o Oily water mixture recovered to date: 151,391 barrels. (USCG)

* Dispersants

o The U.S. Coast Guard (USCG) and Environmental Protection Agency (EPA) have authorized BP to use subsea dispersants. (EPA/JIC)

* Preliminary testing indicates subsea dispersants are effective at reducing the amount of oil that reach the surface and do so with the use of less dispersant than surface application.

* Regular analysis of its effectiveness and impact on the environment is required.

o Sorties scheduled for 15 May; amount to be determined. (USCG)

* 14 aerial sorties conducted 14 May; conducted by Department of Defense (DoD) and contractor assets.

* Assets on Scene:

o Personnel: 11,049 (USCG/NIC)

o Boom deployed: 1,689,850 ft (1,271,460 ft regular /418,390 ft sorbent) (USCG)

o Dispersants deployed to date: 590,317 gallons (561,608 surface/28,709 subsea) (USCG)

o Total Vessels Assigned: 643* (USCG)

o Remotely Operated Vehicles: 12* (USCG)

o Fixed-wing Aircraft: 12* (USCG)

o Helicopters: 28* (USCG)

*Number does not include staged or ordered assets.

Authorities

* Homeland Security Presidential Directive - 5 (HSPD - 5).

* Oil Pollution Act of 1990 (OPA 90).

* National Response Framework (NRF).

* National Oil and Hazardous Substances Pollution Contingency Plan - 40 CFR 300.300.

Key Senior Leadership

* Principal Federal Official: Secretary Napolitano, U.S. Department of Homeland Security.

* Secretary Salazar: U.S. Department of the Interior.

* Director Birnbaum: U.S. Minerals Management Service (MMS).

* Administrator Jackson: U.S. Environmental Protection Agency.

* National Incident Commander: Admiral Allen, Commandant, USCG.

* Federal On-Scene Coordinator (FOSC): Rear Admiral Landry, Commander, USCG, District 8, New Orleans, LA.

* Responsible Party: British Petroleum (BP) and Transocean.

Federal Agencies/Departments

* U.S. Coast Guard (USCG)

o BP is currently conducting analysis to reevaluate oil discharge rate.

o Shoreline Cleanup and Assessment Team (SCAT) reported tar balls and patties in Port Fourchon, LA.

o Local Fish & Wildlife confirmed small quantities of tar balls impacting the shoreline in Fort Morgan, AL.

* Department of Agriculture (USDA)

o Animal and Plant Health Inspection Service supporting wildlife activities in LA.

* Department of Defense (DoD)

o 2 C-17 lift missions transported the remainder of BP boom and 250 short tons of Navy SUPSALV equipment arrived on 14 May.

o 1,495 associated personnel deployed in support of spill response.

o 100 Title 10 personnel and 1,304 Title 32 National Guard members deployed.

* Environmental Protection Agency (EPA)

o EPA continues to conduct air monitoring and samplings.

o EPA continues to conduct water and sediment samplings.

* Federal Emergency Management Agency (FEMA)

o Region IV at Level IV operations (Steady-State).

o Has not received any requests for Federal assistance.

* Health and Human Services (HHS)

o U.S. Center for Disease Control (CDC) strategic objectives: Assess health hazards, determine if illnesses, diseases, or complaints are attributable to exposure to hazardous material; develop, maintain, and provide information on the health effects of toxic substances.

* Department of the Interior (DOI)

o U.S Minerals Management Service (MMS) is reviewing and monitoring BP's top hat containment operations.

o MMS reports 5 oil platforms have been evacuated or shut-in due to oil spill.

* National Oceanic and Atmospheric Administration (NOAA)

o Weather forecast:

* Saturday 15 May: Southeast winds 10-15 knots; seas 4-5 ft.

* Sunday 16 May: Southeast winds 10-15 knots; seas 3 ft.

* Monday 17 May: West winds 10 knots; seas 1-2 ft.

* Transportation Security Administration (TSA)

o TSA continues to monitor the situation for any potential impact to transportation.

* Customs and Border Protection (CBP)

o Office of Air and Marine (OAM) providing 2 P-3 Airborne Early Warning (AEW) wide area surveillance aircraft; aircraft provide advisory information to spotter and tanker aircraft conducting spraying operations.

Critical Infrastructure Key Resources (CIKR)

* National Infrastructure Coordinating Center (NICC)

o Recreational/commercial fishing areas remain closed in impacted areas.

o FDA working on providing States a protocol for re-opening of Federal waters; protocol is with NOAA for clearance.

State and Local Agencies

* Louisiana, Mississippi, Alabama, Texas, and Florida communicating daily with DHS.

National Operations Center

* Current Posture: Phase 2 - Concern; Crisis Action Team activated.
* The next SLB is scheduled for 1200 EDT 15 May.

DHS Senior Leadership Brief: DEEPWATER HORIZON RESPONSE Gulf of Mexico 0600 EDT 15 May 2010

Updates in bold blue

Secretary of Homeland Security Priorities

- Ensure Responsible Party (RP) is doing everything it can to 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**
  - **Riser Insertion Tube Tool (RITT)**
    - **RITT is the primary source mitigation option. (USCG)**
    - **Drill rig was unable to connect RITT with drill pipe and is bringing RITT and stand to surface for modifications. (USCG)**
  - **Top Hat Containment System**
    - **Top Hat remains on the seabed; standing-by pending effectiveness of the RITT. (USCG)**
  - **Top Kill**
    - **Top Kill equipment being staged; commencement of operation scheduled for 18 May. (USCG)**
  - **Relief Well**
    - **Drill Rig DDIII drill depth remains 3,537 ft below sea floor. (USCG)**
    - **Routine drilling stoppage implemented until further testing on riser and Blowout Preventer (BOP) valve is conducted. (USCG)**
    - **Drill Rig DDII on scene; drilling of second relief well to commence on 16 May. (USCG)**
  - **Blow Out Preventer (BOP)**
    - **Sonic scan results on the BOP inconclusive; unable to confirm location of the drill pipe or if it is between the kink and the BOP. (USCG)**

- **Oil Landfall**
  - **Observations of the oil slick indicate the distance between the oil slick and the Gulf of Mexico's loop current has gone from about 90 miles 1 week ago to about 40 miles as of 13 May. (NOAA)**

- **Shipping Channels/Ports**
  - **All shipping channels and ports remain open in the Gulf Coast Region. (USCG)**
    - **No vessels have required cleaning or decontamination.**

- **Operations**
  - **Booming/skimming operations continue, weather permitting. (USCG)**
    - **No Skimming operations conducted 14 May.**
  - **In Situ Burns (ISBs) scheduled for 15 May, weather permitting. (USCG)**
  - **Oily water mixture recovered to date: 151,391 barrels. (USCG)**

- **Dispersants**
  - **The U.S. Coast Guard (USCG) and Environmental Protection Agency (EPA) have authorized BP to use subsea dispersants. (EPA/JIC)**
    - **Preliminary testing indicates subsea dispersants are effective at reducing the amount of oil that reach the surface and do so with the use of less dispersant than surface application.**
    - **Regular analysis of its effectiveness and impact on the environment is required.**
  - **Sorties scheduled for 15 May; amount to be determined. (USCG)**
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  - **Dispersants deployed to date: 590,317 gallons (561,608 surface/28,709 subsea) (USCG)**
  - **Total Vessels Assigned: 643* (USCG)**
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- National Incident Commander: Admiral Allen, Commandant, USCG.
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- Responsible Party: British Petroleum (BP) and Transocean.

Federal Agencies/Departments

- **U.S. Coast Guard (USCG)**
  - BP is currently conducting analysis to reevaluate oil discharge rate.
  - Shoreline Cleanup and Assessment Team (SCAT) reported tar balls and patties in Port Fourchon, LA.
  - Local Fish & Wildlife confirmed small quantities of tar balls impacting the shoreline in Fort Morgan, AL.

- **Department of Agriculture (USDA)**
  - Animal and Plant Health Inspection Service supporting wildlife activities in LA.

- **Department of Defense (DoD)**
  - 2 C-17 lift missions transported the remainder of BP boom and 250 short tons of Navy SUPSALV equipment arrived on 14 May.
  - 1,495 associated personnel deployed in support of spill response.
  - 100 Title 10 personnel and 1,304 Title 32 National Guard members deployed.

- **Environmental Protection Agency (EPA)**
  - EPA continues to conduct air monitoring and samplings.
  - EPA continues to conduct water and sediment samplings.

- **Federal Emergency Management Agency (FEMA)**
  - Region IV at Level IV operations (Steady-State).
  - Has not received any requests for Federal assistance.

- **Health and Human Services (HHS)**
  - U.S. Center for Disease Control (CDC) strategic objectives: Assess health hazards, determine if illnesses, diseases, or complaints are attributable to exposure to hazardous material; develop, maintain, and provide information on the health effects of toxic substances.

- **Department of the Interior (DOI)**
  - U.S Minerals Management Service (MMS) is reviewing and monitoring BP's top hat containment operations.
  - MMS reports 5 oil platforms have been evacuated or shut-in due to oil spill.

- **National Oceanic and Atmospheric Administration (NOAA)**
  - Weather forecast:
    - **Saturday 15 May: Southeast winds 10-15 knots; seas 4-5 ft.**
    - **Sunday 16 May: Southeast winds 10-15 knots; seas 3 ft.**
    - **Monday 17 May: West winds 10 knots; seas 1-2 ft.**

- **Transportation Security Administration (TSA)**
  - TSA continues to monitor the situation for any potential impact to transportation.

- **Customs and Border Protection (CBP)**
  - **Office of Air and Marine (OAM) providing 2 P-3 Airborne Early Warning (AEW) wide area surveillance aircraft; aircraft provide advisory information to spotter and tanker aircraft conducting spraying operations.**

Critical Infrastructure Key Resources (CIKR)

- National Infrastructure Coordinating Center (NICC)
  - Recreational/commercial fishing areas remain closed in impacted areas.
  - FDA working on providing States a protocol for re-opening of Federal waters; protocol is with NOAA for clearance.

State and Local Agencies

- Louisiana, Mississippi, Alabama, Texas, and Florida communicating daily with DHS.

National Operations Center

- Current Posture: Phase 2 – Concern; Crisis Action Team activated.
- **The next SLB is scheduled for 1200 EDT 15 May.**

[redacted]

From: [redacted]
Sent: Tuesday, June 01, 2010 6:20 AM
To: [redacted] Capt Christopher Moore; [redacted] EOC DOC; [redacted] Cop Manager [redacted] DeepWaterHorizonResponseTeam@nga.mil; [redacted] FEMA-MACMAPS; [redacted] GISSupport; [redacted] ICC Deputy; Interior; IP.IMC; IRSCC WORKING GROUP; [redacted] HQS-PF-fldr-NIC HQ Situation Unit; nnc.cmdctrdomainmaritime.omb@northcom.mil; nnc.cmdctrmetoc.omb@northcom.mil; NOC NGA; NOC NOAA [redacted] CTR; [redacted]

Subject: FW: NOC Phase 2 - Concern 0455-10 Update Report 85 - DEEPWATER HORIZON Response - Gulf of Mexico (0600 EDT 1 Jun 10)
Attachments: Senior Leadership Brief DEEPWATER HORIZON Response - Gulf of Mexico (0600 EDT 1 Jun 10).docx; image003.jpg

Categories: FYI No Action

NOC Phase 2 - Concern 0455-10 Update Report 85 - DEEPWATER HORIZON Response - Gulf of Mexico

Current: The National Incident Command (NIC) reports the first cut of the riser remains scheduled for today. Chock and kill lines, and associated piping, are being cleared away from the top of the well. Drill Rig DDIII is at a depth of 12,090 feet below the drill floor and is 7 days ahead of schedule. The Lower Marine Riser Package (LMRP) TOP CAP has a dispersant ring designed to allow injection of subsea dispersants around its outside, along with a wand to inject dispersants into the plume at the top of the riser while waiting to install the LMRP TOP CAP. The US Coast Guard reports 17 in situ burns and 8 dispersant flights were conducted over the past 24 hours. The total oily water mixture recovered, to date, is 329,842 barrels; total surface dispersants applied, to date, is 755,893 gallons and total subsea dispersants applied, to date, is 225,408 gallons. A total of 1,949,795 feet of boom has been assigned, to date. A federal mobile medical unit, staffed by US Health and Human Services personnel, arrived in Venice, LA to provide additional medical care for responders and residents of coastal communities affected by the oil spill.

Future: A second generation TOP CAP, completed at Port Fourchon, is scheduled to arrive today, 1 Jun. The second generation TOP CAP is more robust with additional weight to increase stabilization and has oil vent ports on top to control vertical and horizontal

motion. The National Oceanic and Atmospheric Administration (NOAA) forecasts south winds at 10 knots and seas at 1-2 feet. The Department of Homeland Security National Operations Center will continue to monitor this event. The next Senior Leadership Brief will be published at 1200 EDT 1 Jun 10.

Other: NOAA extended the northern boundary of the closed fishing area in the Gulf of Mexico up to the Mississippi federal-state water line and portions of the Alabama federal-state water line. This federal closure does not apply to any state waters. Approximately 126 miles of Louisiana shoreline is impacted by oil. Wildlife impacted to date totals 841 animals.

Background: On 21 Apr 10, the USCG reported an ongoing fire after an explosion onboard a mobile drilling platform, DEEPWATER HORIZON, off the coast of LA.

DHS Senior Leadership Brief:

DEEPWATER HORIZON RESPONSE

Gulf of Mexico

0600 EDT 1 Jun 2010

Updates in bold blue

Secretary of Homeland Security Priorities

- Ensure Responsible Party (RP) is doing everything it can to 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

o Flow Rate Technical Group (FRTG) estimates oil spill flow rate between 12,000-19,000 barrels per day (1 method indicates flow up to 25,000 barrels per day). (USCG)

o Lower Marine Riser Package (LMRP) Top Cap/Top Hat

§ LMRP Top Cap operations have begun by clearing the chock lines, kill lines, and piping from the top of the well. (USCG/NIC)

· Once external lines are removed, riser removal will begin.

· First cut expected to take place 1 Jun; may take 48 hours.

· Once riser is cut, there will be a period of increased uncontained product flow for approximately 72-96 hours.

· Top Cap has dispersant ring designed to inject subsea dispersants around the outside of the Top Cap.

· Dispersants will be injected into the plume while Top Cap is waiting to be installed.

· ENTERPRISE standing by to deploy the Top Cap or Top Hat.

· Total time for cutting, LMRP installation and commencement of oil/gas collection is 4-7 days.

· Second generation Top Cap to arrive 1 June.

o Relief Well

§ Drill Rig DDII preparing to resume drilling operations; depth remains 3,432 ft below sea floor (8,650 ft below drill floor). (USCG)

§ Drill Rig DDIII resumed; drill depth is 7,090 ft below the sea floor (12,090 ft below drill floor). (DOI)

o Top Kill

§ Top Kill operations failed and were terminated on 29 May. (USCG)

o Riser Insertion Tube Tool (RITT)

§ RITT-1, -2, and -3 are staged on sea floor. (MMS/USCG)

o Blow Out Preventer (BOP)

§ BOP-BOP Kill not considered an option at this point. (NIC)

· Oil Landfall

o Reports of oil/tar balls in FL, MS, AL, and LA; awaiting summary. (USCG)

· Shipping Channels/Ports

o All shipping channels/ports remain open in the Gulf Coast Region. (USCG)

o Commercial vessels requiring decontamination to date: 1. (NIC)

· Operations

o In Situ Burns (ISB) continue as weather permits. (USCG)

§ 17 ISBs conducted on 31 May.

o Oily water mixture recovered to date: 329,842 barrels. (USCG)

o Booming/skimming operations continue; weather permitting. (USCG)

· Dispersants

o 8 aerial dispersant sorties conducted 31 May. (USCG)

· Assets on Scene:

o Personnel: 15,918 (USCG)

o Boom deployed: 1,949,795 ft (UAC)

o Dispersants deployed to date: 1,001,301 gallons (755,893 gallons surface/225,408 subsea) (USCG)

o Total vessels assigned: 1,688 (USCG)

o Fixed-wing aircraft: 30 (USCG)

o Helicopters: 27 (USCG)

Federal Agencies/Departments

· U.S. Coast Guard (USCG)

o Unconfirmed tar balls/oil sheen, 6 miles long; 13 miles off Dauphin Island.

o 2 slicks each 2 miles wide by 12 miles long; 100 miles offshore of FL.

o 126 miles of LA shoreline now impacted by oil.

- Customs and Border Protection (CBP)

o Office of Air and Marine P-3 aircraft providing flight advisory information to spotter and tanker aircraft conducting spray operations.

o Aircraft providing electro optical infrared video to track oil plume movement.

o Total aircraft mission-hours to date: 390.6

- Federal Emergency Management Agency (FEMA)

o Supporting NIC activities and Federal On-scene Coordinator.

- Department of Agriculture (USDA)

o Animal and Plant Health Inspection Service providing wildlife survey, trapping and recovery services, and support to the USCG Unified Area Command (UAC).

- Department of Defense (DoD)

o U.S. Army Corps of Engineers granted partial approval for LA barrier island project proposal.

- Environmental Protection Agency (EPA)

o Subsurface water sampling continues at loop current.

o Continue monitoring and sampling of air, water and sediment.

- Health and Human Services (HHS)

o Federal Mobile Medical Unit arrived in Venice, LA to provide additional medical care for responders and residents of coastal communities affected by the oil spill.

§ The mobile unit will be staffed by a medical team from the HHS National Disaster Medical System.

o Centers for Disease Control and Prevention (CDC) reports no significant clusters of disease attributable to the oil spill detected along the Gulf Coast.

- Department of the Interior (DOI)

o 5 Pollution Task Force Teams deployed near Grand Isle and Timbalier, LA.

- National Oceanic and Atmospheric Administration (NOAA)

o Extended the northern boundary of the closed fishing area in the Gulf of Mexico up to the Mississippi Federal-State water line and portions of the Alabama Federal-State water line; does not apply to any state waters.

§ 74 percent remains open.

o Weather forecast:

§ Tuesday, 1 June: South winds 6-9 knots; seas 1 ft.

§ Wednesday, 2 June: South winds 7-10 knots; seas 2 ft.

§ Thursday, 3 June: Southwest winds 10 knots; seas 2 ft.

Critical Infrastructure Key Resources (CIKR)

· National Infrastructure Coordinating Center (NICC)

o Continuing subsea dispersant injection at 10 gallons per minute to control volatile organic compounds at the surface.

o Fishery disaster declared in LA, MS and AL.

State and Local Agencies

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

National Operations Center

· Current Posture: Phase 2 – Concern; Crisis Action Team activated.

· The next SLB is scheduled for 1200 EDT 1 June.

DHS Senior Leadership Brief: DEEPWATER HORIZON RESPONSE Gulf of Mexico 0600 EDT 1 Jun 2010

Updates in bold blue

Secretary of Homeland Security Priorities

- Ensure Responsible Party (RP) is doing everything it can to 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.

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  - **Relief Well**
    - **Drill Rig DDII preparing to resume drilling operations; depth remains 3,432 ft below sea floor (8,650 ft below drill floor). (USCG)**
    - **Drill Rig DDIII resumed; drill depth is 7,090 ft below the sea floor (12,090 ft below drill floor). (DOI)**
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    - **Top Kill operations failed and were terminated on 29 May. (USCG)**
  - **Riser Insertion Tube Tool (RITT)**
    - **RITT-1, -2, and -3 are staged on sea floor. (MMS/USCG)**

- **Blow Out Preventer (BOP)**
  - **BOP-BOP Kill not considered an option at this point. (NIC)**

- **Oil Landfall**
  - **Reports of oil/tar balls in FL, MS, AL, and LA; awaiting summary. (USCG)**

- **Shipping Channels/Ports**
  - **All shipping channels/ports remain open in the Gulf Coast Region. (USCG)**
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- **Operations**
  - **In Situ Burns (ISB) continue as weather permits. (USCG)**
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- **Assets on Scene**:
  - Personnel: 15,918 (USCG)
  - Boom deployed: 1,949,795 ft (UAC)
  - **Dispersants deployed to date: 1,001,301 gallons (755,893 gallons surface/225,408 subsea) (USCG)**
  - **Total vessels assigned: 1,688 (USCG)**
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- **U.S. Coast Guard (USCG)**
  - Unconfirmed tar balls/oil sheen, 6 miles long; 13 miles off Dauphin Island.
  - 2 slicks each 2 miles wide by 12 miles long; 100 miles offshore of FL.
  - 126 miles of LA shoreline now impacted by oil.

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  - Office of Air and Marine P-3 aircraft providing flight advisory information to spotter and tanker aircraft conducting spray operations.
  - Aircraft providing electro optical infrared video to track oil plume movement.
  - Total aircraft mission-hours to date: 390.6

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  - Supporting NIC activities and Federal On-scene Coordinator.

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  - Animal and Plant Health Inspection Service providing wildlife survey, trapping and recovery services, and support to the USCG Unified Area Command (UAC).

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  - U.S. Army Corps of Engineers granted partial approval for LA barrier island project proposal.

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  - Subsurface water sampling continues at loop current.
  - Continue monitoring and sampling of air, water and sediment.

- **Health and Human Services (HHS)**
  - **Federal Mobile Medical Unit arrived in Venice, LA to provide additional medical care for responders and residents of coastal communities affected by the oil spill.**
    - **The mobile unit will be staffed by a medical team from the HHS National Disaster Medical System.**
  - Centers for Disease Control and Prevention (CDC) reports no significant clusters of disease attributable to the oil spill detected along the Gulf Coast.

- **Department of the Interior (DOI)**
  - 5 Pollution Task Force Teams deployed near Grand Isle and Timbalier, LA.

- **National Oceanic and Atmospheric Administration (NOAA)**
  - **Extended the northern boundary of the closed fishing area in the Gulf of Mexico up to the Mississippi Federal-State water line and portions of the Alabama Federal-State water line; does not apply to any state waters.**
    - **74 percent remains open.**
  - Weather forecast:
    - **Tuesday, 1 June: South winds 6-9 knots; seas 1 ft.**
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- National Infrastructure Coordinating Center (NICC)
  - Continuing subsea dispersant injection at 10 gallons per minute to control volatile organic compounds at the surface.
  - Fishery disaster declared in LA, MS and AL.

State and Local Agencies

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

National Operations Center

- Current Posture: Phase 2 – Concern; Crisis Action Team activated.
- **The next SLB is scheduled for 1200 EDT 1 June.**

[redacted]

From: [redacted]
Sent: Saturday, June 05, 2010 10:12 PM
To: [redacted]; Capt Christopher Moore; [redacted]OC DOC[redacted]
DeepWaterHorizonResponseTeam@nga.mil; [redacted]v; FEMA-MACMAPS; [redacted]; GISSupport; [redacted]v; ICC Deputy; Interior; IP.IMC; IRSCC WORKING GROUP; [redacted]; HQS-PF-fldr-NIC HQ Situation Unit; nnc.cmdctrdomainmaritime.omb@northcom.mil; nnc.cmdctrmetoc.omb@northcom.mil; NOC NGA; NOC NOAA; [redacted]CTR; [redacted]; WMD OPS; [redacted]

Subject: FW: NOC Phase 2 - Concern 0455-10 Update Report 94 - DEEPWATER HORIZON Response - Gulf of Mexico (1800 EDT 6 Jun 10)

Attachments: Senior Leadership Brief DEEPWATER HORIZON Response - Gulf of Mexico (1800 EDT 5 Jun 10).doc; image003.jpg

Categories: FYI

NOC Phase 2 - Concern 0455-10 Update Report 94 - DEEPWATER HORIZON Response - Gulf of Mexico

Current: The US Coast Guard reports the Drill Ship ENTERPRISE continues to ramp up oil processing, maximum recovery capacity is 15,000 bbl/day. With the addition of the Storage Vessel Q4000 the recovery capacity will be 25,000 bbl/day at the surface. There have been no signs of hydrate buildup within TOP HAT. Drill Rig DDII is connecting the Blowout Preventer (BOP) to the wellhead, and a test will be conducted today or tomorrow. Drill Rig DDIII drilling operations were suspended due to BOP control panel issue and will not resume until resolved. The total oily water mixture recovered to date is 362,695 barrels; total surface dispersants applied to date is 779,169 gallons; and total subsea dispersants applied to date is 270,668 gallons. BP received approval to increase the allowable amount of sub-surface dispersant during the last operational period. The 910 Air Wing (USAF) has completed their aerial dispersant mission. Contracted civilian aircraft are now performing all aerial dispersant spray operations. Weather is expected to be poor to marginal for skimming operations until 7 Jun.

Future: DDII will test Blow Out Preventer and begin drilling ahead. DDIII will continue drilling ahead. Enterprise to continue oil recovery. The National Oceanic and Atmospheric

Administration (NOAA) reports Primary oil plume is 120 miles from Clearwater/Tampa, FL. Tar balls and sheen discovered on beach in Escambia County, FL; Shoreline Cleanup Assessment Team (SCAT) en route. NOAA forecasts south winds at 12-16 knots and seas 3 feet and choppy. The Department of Homeland Security National Operations Center will continue to monitor this event and provide updates. The next Senior Leadership Brief will be published at 0600 EDT, 6 Jun.

Other: NOAA has opened more than 16,000 square miles of previously closed fishing area off the Florida coast. The most significant opening is a 13,653 square mile area just west of the Florida Keys and Dry Tortugas.

Background: On 21 Apr 10, the USCG reported an ongoing fire after an explosion onboard a mobile drilling platform, DEEPWATER HORIZON, off the coast of LA.

DHS Senior Leadership Brief:

DEEPWATER HORIZON RESPONSE

Gulf of Mexico

1800 EDT 5 Jun 2010

Updates in bold blue

Secretary of Homeland Security Priorities

*
Ensure Responsible Party (RP) is doing everything it can to 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

o Flow Rate Technical Group (FRTG) estimates oil spill flow rate between 12,000-19,000 barrels per day. (USCG)

* Will provide an updated flow rate as soon as analysis is complete.

o Lower Marine Riser Package (LMRP) TOP HAT

* TOP HAT placed onto flange above LRMP on 3 June. (NIC/USCG)

* No signs of hydrate buildup within TOP HAT.

* Initial assessments show TOP HAT operations are successful.

* Multiple vent valves open on TOP HAT systems continue to permit oil/gas to flow around/through TOP HAT.

* Oil/gas flowing from TOP HAT to ENTERPRISE; BP working to adjust valves to regulate/increase flow.

o No estimated time of flow stabilization. (NRT)

o Recovered approximately 6,087 barrels of oil and flared 3.9 Million Cubic Feet of gas, 4 Jun.

o ENTERPRISE has a maximum capacity of 15,000 barrels per day; Q4000 will have a capacity of 10,000 barrels per day once online, allowing 25,000 barrels per day recovery capacity at the surface.

o Production reduced due to weather 4 Jun.

* Subsea dispersants being injected into oil plume. (USCG)

o Relief Well

* Drill Rig DDII connecting BOP to wellhead, testing BOP 5/6 Jun

* Conducting 2nd relief well operations; drill depth is 3,432 ft below sea floor (8,650 ft below drill floor). (USCG)

* Drill Rig DDIII conducting 1st relief well operations; drill depth remains 6,841 ft below sea floor (12,090 ft below drill floor). (NIC)

* Q4000 making progress with test equipment; rigging up surface well test equipment and subsea jumper. (NIC)

o Riser Insertion Tube Tool (RITT)

* RITT-1, 2, and 3 are staged on sea floor. (MMS/USCG)

o TOP KILL

* Operations failed and were terminated on 29 May. (USCG)

o Blow Out Preventer (BOP)

* BOP-BOP Kill not considered an option at this point. (NIC)

* Oil Landfall

o No sheen near Tortugas Islands, FL. (NIC)

o Primary oil plume is 120 miles from Clearwater/Tampa, FL. (NOAA)

o Tar balls and sheen on beach in Escambia County, FL; Shoreline Cleanup Assessment Team (SCAT) en route. (USCG)

o Reports of oil/tar balls in FL, MS, AL, and LA; awaiting summary. (USCG)

* Shipping Channels/Ports

o 3 inland canals closed/partially available due to containment booms. (NIC)

o All shipping channels/ports remain open in the Gulf Coast Region. (USCG)

o Commercial vessels requiring decontamination to date: 1. (NIC)

* Operations

o Booming/skimming operations continue, weather permitting. (USCG)

* Weather expected to be poor for skimming operations until 7 Jun.

o In Situ Burns (ISB) continue, weather permitting. (USCG)

o Oily water mixture recovered to date: 362,695 barrels. (NIC/USCG)

* Dispersants

o Surface dispersants applied due to Volatile Organic Compounds. (USCG)

* Daily surface dispersant limit of 6,000 gallons surpassed.

* BP received approval to increase amount of sub-surface dispersants.

o Aerial dispersants on hold, due to inhalation concerns for response crews and offshore workers, pending Federal approval. (USCG)

* US Air Force 910th Air Wing completed aerial dispersal mission (84 total sorties, 156,285 total gallons of dispersant applied); contracted civilian aircraft to perform all aerial sorties when they resume. (NIC)

* Wildlife:

o Past 24 hours: 2

o Total Affected: 924 (USCG)

* Fisheries Closure(s):

o New Gulf of Mexico (GOM) Exclusive Economic Zone (EEZ) closure is now 78,182 square miles / 32 percent of GOM EEZ, compared to 2 Jun 10 closure of 88,522 square miles / 37 percent of GOM EEZ.

o The reduction in size is due to the additional area closed to the north is smaller than the area reopened in the southeast.

o The National Oceanic and Atmospheric Administration (NOAA) will continue to evaluate the need for fisheries closure based on the evolving nature of the spill and will reopen closed areas, as appropriate; will also reevaluate closure areas as new information becomes available concerning changes in boundaries.

o NOAA will provide daily updates by 1200 EDT with changes to closed areas effective as of 1800 EDT the same day, so as to provide fisherman time to retrieve their gear from closing areas and advanced noticed for areas that will reopen. (NIC)

* Assets on Scene:

o Personnel: 25,177 (UAC)

o Boom deployed: 4,418,097 ft (2,109,701 regular/2,308,396 sorbent). (UAC)

o Dispersants deployed to date: 1,049,837 gallons (779,169 gallons surface/270,668 subsea) (NIC)

o Total vessels assigned: 3,121 (NIC)

o Fixed-wing aircraft: 30 (NIC)

o Helicopters: 35 (NIC)

o Staging Areas: 13 (NIC)

Federal Agencies/Departments

* U.S. Coast Guard (USCG)

o In the event of severe weather or hurricane, vessels (including ENTERPRISE) will operate under standing severe weather plans.

* Customs and Border Protection (CBP)

o Office of Air and Marine P-3 aircraft providing flight advisory information to spotter and tanker aircraft conducting spray operations.

o Aircraft providing electro optical infrared video to track oil plume movement.

o Total aircraft mission-hours to date: 440.5

* Federal Emergency Management Agency (FEMA)

o Community relations personnel deploying to LA; supporting USCG.

o Interagency team developing and overseeing a unified approach for coordinating supportive services to individuals and small businesses.

o Supporting NIC activities and Federal On-Scene Coordinator.

* Department of Agriculture (USDA)

o Animal and Plant Health Inspection Service providing wildlife survey, trapping and recovery services, and support to the USCG Unified Area Command (UAC).

* Department of Defense (DoD)

o U.S. Army Corps of Engineers will provide oversight for the construction of LA barrier island project.

* Environmental Protection Agency (EPA)

o Continue monitoring and sampling of air, water and sediment.

* Health and Human Services (HHS)

o Developed hurricane preparedness geo-spatial products in preparation for simultaneous Deepwater Horizon and hurricane response operations.

* Department of the Interior (DOI)

o 5 Pollution Task Force Teams deployed near Grand Isle and Timbalier, LA.

* National Oceanic and Atmospheric Administration (NOAA)

o Opened 16,000 square miles of previously closed fishing area off FL coast.

o Weather forecast:

* Saturday, 5 Jun: South winds 12 - 16 knots; seas 3 ft.

* Sunday, 6 Jun: Southwest winds 11 - 13 knots; seas 2 - 3 ft.

* Monday, 7 Jun: West winds 8 - 10 knots; seas 2 ft.

Critical Infrastructure Key Resources (CIKR)

* National Infrastructure Coordinating Center (NICC)

o AL Department of Conservation and Natural Resource closed all waters in the Gulf of Mexico including Pelican Bay and Mobile Bay to fishing.

o National Marine Fisheries Service expanded commercial/recreational fishery closures to include federal waters south of AL into FL panhandle.

o Fishery disaster declared in LA, MS and AL.

State and Local Agencies

* FL Governor declaring a commercial fishery failure determination under the Magnuson-Stevens Fishery Conservation and Management Act.

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

National Operations Center

* Current Posture: Phase 2 - Concern; Crisis Action Team activated.

* The next SLB is scheduled for 0600 EDT 6 Jun.

DHS Senior Leadership Brief: DEEPWATER HORIZON RESPONSE Gulf of Mexico 1800 EDT 5 Jun 2010

Updates in bold blue

Secretary of Homeland Security Priorities

- Ensure Responsible Party (RP) is doing everything it can to 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**
  - **Flow Rate Technical Group (FRTG) estimates oil spill flow rate between 12,000-19,000 barrels per day. (USCG)**
    - **Will provide an updated flow rate as soon as analysis is complete.**
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    - **TOP HAT placed onto flange above LRMP on 3 June. (NIC/USCG)**
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  - Fixed-wing aircraft: 30 (NIC)
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- **U.S. Coast Guard (USCG)**
  - In the event of severe weather or hurricane, vessels (including ENTERPRISE) will operate under standing severe weather plans.

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  - Office of Air and Marine P-3 aircraft providing flight advisory information to spotter and tanker aircraft conducting spray operations.
  - Aircraft providing electro optical infrared video to track oil plume movement.
  - Total aircraft mission-hours to date: 440.5

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  - Community relations personnel deploying to LA; supporting USCG.
  - Interagency team developing and overseeing a unified approach for coordinating supportive services to individuals and small businesses.
  - Supporting NIC activities and Federal On-Scene Coordinator.

- **Department of Agriculture (USDA)**
  - Animal and Plant Health Inspection Service providing wildlife survey, trapping and recovery services, and support to the USCG Unified Area Command (UAC).

- **Department of Defense (DoD)**
  - U.S. Army Corps of Engineers will provide oversight for the construction of LA barrier island project.

- **Environmental Protection Agency (EPA)**
  - Continue monitoring and sampling of air, water and sediment.

- **Health and Human Services (HHS)**
  - Developed hurricane preparedness geo-spatial products in preparation for simultaneous Deepwater Horizon and hurricane response operations.

- **Department of the Interior (DOI)**
  - 5 Pollution Task Force Teams deployed near Grand Isle and Timbalier, LA.

- **National Oceanic and Atmospheric Administration (NOAA)**
  - Opened 16,000 square miles of previously closed fishing area off FL coast.
  - Weather forecast:
    - Saturday, 5 Jun: South winds **12 – 16 knots; seas 3 ft.**
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  - National Marine Fisheries Service expanded commercial/recreational fishery closures to include federal waters south of AL into FL panhandle.
  - Fishery disaster declared in LA, MS and AL.

State and Local Agencies

- FL Governor declaring a commercial fishery failure determination under the Magnuson-Stevens Fishery Conservation and Management Act.
- LA, MS, FL, AL and TX are communicating with DHS daily.

National Operations Center

- Current Posture: Phase 2 – Concern; Crisis Action Team activated.
- **The next SLB is scheduled for 0600 EDT 6 Jun.**

[redacted]

From: [redacted]
Sent: Tuesday, May 11, 2010 7:38 PM
To: [redacted] EOC DOC; [redacted]e; 21oss.osw.ex@peterson.af.mil; [redacted] Cop Manager; [redacted] DeepWaterHorizonResponseTeam@nga.mil; [redacted] FEMA-MACMAPS; GISSupport; ICC Deputy; IP.IMC; [redacted] HQS-PF-fldr-NIC HQ Situation Unit; nnc.cmdctrdomainmaritime.omb@northcom.mil; nnc.cmdctrmetoc.omb@northcom.mil; NOC NGA; NOC NOAA; [redacted] WMD OPS; [redacted]
Subject: FW: NOC Phase 2- Concern 0455-10 Update Report 44 - DEEPWATER HORIZON Response - Gulf of Mexico (1900 EDT 11 May 10)
Attachments: Senior Leadership Brief DEEPWATER HORIZON Response - Gulf of Mexico (1800 EDT 11 May 10).doc; image001.jpg

Categories: FYI

NOC Phase 2- Concern 0455-10 Update Report 44 DEEPWATER HORIZON Response - Gulf of Mexico

Current: The US Coast Guard (USCG) reports. British Petroleum (BP), Houston continues researching 4 different options (containment, Blowout Preventer [BOP], top kill, and relief wells) to contain the source leak. BP continues to attempt to install a pressure gauge on the BOP to get an accurate oil release amount. There are no In Situ Burns / skimming operations scheduled for today, 11 May due to weather conditions. Booming and dispersant operations are ongoing. To date, 97,688 barrels of oil - water mixture have been recovered and 1.4 million feet of boom have been assigned. Surface dispersants applied on 10 May were 56,220 gallons and total to date is 428,307 gallons. 11,500 gallons of subsea dispersants applied 11 May with 27,899 gallons applied to date. USCG air patrol discovered possible shoreline impact on Whiskey Island, Louisiana (LA) and Orange Beach, Alabama (AL); ground Shoreline Cleanup Assessment Team investigating today. The National Infrastructure Coordinating Center (NICC) reports the Center for Toxicology and Environmental Health states air monitoring results from testing 8 - 9 May 10 show crude oil vapors (835 measurements) were not detected throughout commercial / residential areas between Venice, LA and Panama City, Florida (FL). Particulate levels (234 measurements) show concentrations were in range with baseline readings and below the level of concern. The Department of Defense (DoD) reports BP-contracted commercial aircraft and C-17 lift missions are transporting 150,000 feet of BP pollution response boom and 250 short tons (2,000 pounds) of US Navy equipment from the Superintendent of Salvage Diving Equipment en route from Elmendorf Air Force Base, Anchorage, Alaska to Naval Air Station Joint Reserve Base, Belle Chasse, LA. Two commercial flights are on site in New Orleans, LA and 3 C-17 flights arrived today. 1,473 associated DoD personnel are deployed in support of spill cleanup / mitigation. The Transportation Security Administration continues to monitor the situation for any potential impact to transportation.

Future: NICC reports an additional Command Center will be established In Saint Petersburg, FL with others to be established, as needed. Twenty-five National Wildlife Refuges adjacent to the Gulf of Mexico have potential for impacts from the oil spill. Drill Rig DD II is scheduled to arrive Thursday, 13 May and start drilling a 2nd well on Sunday, 16 May. The National Oceanic and Atmospheric Administration forecasts southeast winds at 15 knots over the next 48 hours and seas are forecast to be 4 - 5 feet and choppy / rough . A new moon on 13 May will increase tide ranges 1 - 2 feet along the central Gulf Coast. The Department of Homeland Security National Operations Center will continue to monitor this event. The next Senior Leadership Brief and Update Report will be published at 0600 EDT, 12 May 10.

Other: Shipping channels / ports remain open in the Gulf Coast region. 3 CG cutters and 2 commercial vessels are outfitted with a Vessel of Opportunity Skimming System and will be deployed to the eastern side of southern tip of Louisiana to conduct oil skimming operations.

Background: On 21 Apr 10, the USCG reported an ongoing fire after an explosion onboard a mobile drilling platform, DEEPWATER HORIZON, off the coast of Louisiana.

DHS Senior Leadership Brief:

DEEPWATER HORIZON RESPONSE

Gulf of Mexico

1800 EDT 11 May 2010

Updates in bold blue

Secretary of Homeland Security Priorities

*
Ensure Responsible Party (RP) is doing everything it can to 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

o Resources have been shifted away from the cofferdam, which is currently on the sea floor, to a smaller device called a "top hat."

o Top hat is expected to arrive onsite 13 May; it could be up to 2 weeks before the top hat is functional.

* Relief Well

o Drill Rig DDIII has reached a drill depth of 3,537 ft below sea floor.

* Routine drilling stoppage implemented until further testing on riser and Blow Out Preventer (BOP) valve is conducted.

o Drill Rig DD II scheduled to arrive on scene 13 May; scheduled to start drilling a second relief well on 14 or 15 May.

o Gamma Ray scan imaging of BOP verified the 4 rams are closed.

o Sonic scan of riser performed to analyze riser integrity; results pending.

* Dispersant

o Surface Dispersant

* 17 surface dispersant flights were conducted 10 May.

* 56,220 gallons of surface dispersants applied on 10 May.

* Additional 17 surface dispersant flights were conducted 11 May.

* 11 May surface dispersant totals unknown at time of report.

o Subsea Dispersant

* 11,500 gallons of subsea dispersant applied on 11 May.

* Oil Landfall

o U.S. Coast Guard (USCG) reported aviation patrol discovered possible shoreline impact on Whiskey Island, LA and Orange Beach, AL. Ground Shoreline Cleanup and Assessment Team (SCAT) investigating.

* Shipping Channels/Ports

o All shipping channels and ports remain open in the Gulf Coast Region.

* Operations

o No In Situ Burns (ISBs) or skimming operations 11 May due to weather.

o Booming operations continue, weather permitting.

o 2 skimming attempts on 10 May were unsuccessful due to rough seas.

o Oily water mixture recovered to date: 97,688 barrels.

o Protective Security Advisor (PSA) SPOTREP 226 reports air monitoring was conducted between Venice, LA and Panama City, FL to address public concerns for oil vapors; no oil vapors detected.

* Assets on Scene:

o Personnel: 5,731

o Boom deployed: 1,400,000 ft

o Dispersants deployed to date: 444,706 gallons (428,307 surface/16,399 subsea).

o Recovery Barges: 26*

o Skimmers: 22*

o Oil Spill Response Vessels: 16*

o Tugs: 6*

o Other Support Vessels: 430*

o Remotely Operated Vehicles: 12*

o Fixed-wing Aircraft: 8*

o Helicopters: 23*

*Number does not include staged or ordered assets.

Authorities

* Homeland Security Presidential Directive - 5 (HSPD - 5).

* Oil Pollution Act of 1990 (OPA 90).

* National Response Framework (NRF).

* National Oil and Hazardous Substances Pollution Contingency Plan - 40 CFR 300.300.

Key Senior Leadership

* Principal Federal Official: Secretary Napolitano, U.S. Department of Homeland Security.

* Secretary Salazar: U.S. Department of the Interior.

* Director Birnbaum: U.S. Minerals Management Service.

* Administrator Jackson: U.S. Environmental Protection Agency.

* National Incident Commander: Admiral Allen, Commandant, USCG.

* Federal On-Scene Coordinator (FOSC): Rear Admiral Landry, Commander, USCG, District 8, New Orleans, LA.

* Responsible Party: British Petroleum (BP) and Transocean.

Federal Agencies/Departments

* US Coast Guard (USCG)

o No ISB or skimming operations performed 10 May due to adverse weather.

* Department of Agriculture (USDA)

o Animal and Plant Health Inspection Service supporting wildlife activities in LA.

* Department of Defense (DoD)

o DoD strategic airlift and BP contracted aircraft to transport 150,000 ft of boom and 250 tons of U.S. Navy equipment from Anchorage, AK to New Orleans, LA.

o 1,473 associated DoD personnel deployed.

o 78 Title 10 and 1,304 Title 32 National Guard members deployed.

* Environmental Protection Agency (EPA)

o Coordinated with BP Environmental Unit to obtain final dispersant application plans for both subsurface and surface dispersant application.

* Federal Emergency Management Agency (FEMA)

o Region IV at Level IV operations (Steady-State).

o Has not received any requests for Federal assistance.

* Health and Human Services (HHS)

o Completed review of data from EPA; no indications of health hazards due to oil.

* Department of the Interior (DOI)

o U.S. Fish and Wildlife Service continues search, recovery and rehabilitation operations for oiled wildlife.

o National Park Service is preparing for oil landfall along the Gulf Islands National Seashore and the west coast of Florida.

* National Oceanic and Atmospheric Administration (NOAA)

o Weather forecast:

* Tuesday 11 May: South-Southeast winds 10-15 knots; seas 4 ft.

* Wednesday 12 May: Southeast winds 15 knots; seas 5 ft.

* Thursday 13 May: Southeast winds 10-15 knots; seas 4-5 ft.

* Friday 14 May: Southeast winds 10-15 knots; seas 4-5 ft.

* Transportation Security Administration (TSA)

o TSA continues to monitor the situation for any potential impact to transportation.

Critical Infrastructure Key Resources (CIKR)

* National Infrastructure Coordinating Center (NICC)

o The current Type II Incident Management Team at the Gulf Island National Seashore will be replaced by the Midwest Type III Team 13-14 May.

o Command Center being established at St. Petersburg, FL; others will be established as needed.

State and Local Agencies

* Louisiana, Mississippi, Alabama, Texas and Florida communicating daily with DHS.

National Operations Center

* Current Posture: Phase 2 - Concern; Crisis Action Team Activated.

* The next SLB is scheduled for 0600 EDT 12 May.

DHS Senior Leadership Brief: DEEPWATER HORIZON RESPONSE Gulf of Mexico 1800 EDT 11 May 2010

Updates in bold blue

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- Ensure Responsible Party (RP) is doing everything it can to stop the oil leak.
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  - **Resources have been shifted away from the cofferdam, which is currently on the sea floor, to a smaller device called a "top hat."**
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Critical Infrastructure Key Resources (CIKR)

- National Infrastructure Coordinating Center (NICC)
  - The current Type II Incident Management Team at the Gulf Island National Seashore will be replaced by the Midwest Type III Team 13-14 May.
  - Command Center being established at St. Petersburg, FL; others will be established as needed.

State and Local Agencies

- Louisiana, Mississippi, Alabama, Texas and Florida communicating daily with DHS.

National Operations Center

- Current Posture: Phase 2 – Concern; Crisis Action Team Activated.
- **The next SLB is scheduled for 0600 EDT 12 May.**

[redacted]

From: [redacted] on behalf of Coast Guard ICP [redacted]
Sent: Sunday, July 18, 2010 7:57 PM
To: HQS-PF-fldr-NIC-HQ-Email Archive
Subject: Houston ICP - 18 JULY 2010 - 2000 EDT Update

18 July 2010: DEEPWATER HORIZON/Mississippi Canyon Block 252 Source Control Update Houston Incident Command Post DAILY HIGHLIGHTS:

CAPPING STACK OPS: The Three Ram Capping Stack is in position.

WELL INTEGRITY TEST PLAN: Per Well Integrity Test Procedure, choke was completely closed at 1422L 15JUL10 and continues to hold steady (at 1-2psi /hour). As of 1700L pressure is 6792 psi at PT-3K-2 on the three ram capping stack.

SEISMIC / ACOUSTIC TESTING: GECO TOPAZ (9048689) is scheduled to complete two seismic runs today; three of four passes complete. NOAA PISCES extensively surveyed the area (<1500m perimeter) today.

MONITORING: Temperature at the casing was ~39.9 degrees F (currently offline waiting on seismic ops). Geophone has been installed (vibration - hourly) on the lower cement line on casing and "big ears" sensor (acoustic - 30 minutes) on the casing 1 inch below the well connector. Monitoring will be collected by the BOA SUB C (9275153).

Q4000 (8767123): From 1200-2000L 18JUL10, 0 bbls of oil were flared and 0 million SCF of gas were flared. As of 2000L the Q4000 had flared a total of 241,187 bbls of oil and 534.1 million SCF of gas since commencement of operations in MC252. As per Well Integrity Test Plan, the Q4000 was shut-in at 1050L 15JUL10. Current T-time is 69 hours.

HELIX PRODUCER I (HPI) (8420115): From 1200-2000L 18JUL10, 0 bbls of oil were collected and transferred to the Loch Rannoch and 0 million SCF of gas were flared. As of 2000L the HP had produced and transferred to the LOCH RANNOCH a total of 23,743 bbls of oil and flared ~56.5 million SCF of gas since commencement of operations in MC252. As per the Well Integrity Test, the HP1 was shut-in at 1120L 15JUL10. Current T-time is 24 hours.

Dispersant: Zero (0) from 0000-1200L 18JUL10. Dispersant injections at the BOP were secured at 1417L 15JUL2010.

Volatile Organic Compounds (VOC): No VOCs reported.

STATUS OF INTERVENTION ACTIONS:
1) Short Term Containment: Top Hat-The DE has deployed Top Hat #7 to depth and has moved within 1500 FT of the well. T-time is 52 hours.

2) Long Term Containment:
Containment and Disposal Plan 1 (CDP 1) - The second process train on the HP I was online.

Containment and Disposal Plan 2 (CDP 2) - The FSR 2 inner riser has been completed. Upper riser work scheduled to be complete today. Completed the 1060' jumper & keel haul and installation. Initial collection of oil and gas from CDP2 is anticipated OOA 24 July.

Subsea Tie-In - Planning and design work on going for both Rigel and Na Kika tie-in options.

Relief Wells-

DEVELOPMENT DRILLER II (8765515) (Day 52/104, 50% complete) DDII is at a depth of 15,961' (15,200' TVD). DDII has run 11 7/8" casing to depth and cemented. The DDII conducting maintenance and will hold operations and await results of the DDIII relief well. T-time is 102 hours.

DEVELOPMENT DRILLER III (8769121) (Day 75/104, 72% complete) DDIII is at a depth of 17,867' (17,108' TVD). Completed 24ft run, completed ranging run #13, and plans to case on Tuesday. T-time is 94 hours.

VESSEL STATUS UPDATES:

DISCOVERER ENTERPRISE (9186792) completed lightering.

LOCH RANNOCH (9160619) in position for transferring from the HP I. Secured transfer operations with the HPI after shut-in operations. Capacity is 1,000,000 bbls (40 days on station at full HPI production). Total volume on board is 24,628 bbls.

TOISA PISCES (5020571) Completed yard work and system tests. The vessel is expected to hook up to the CDP-2 free standing riser to continuously process oil. The vessel departed for the field on 16JUL10. DP trials started today.

EVI KNUTSEN (8519708) at Loop Anchorage. Joint DP test will take place with TOISA PISCES. The tanker will store oil processed by the TOISA PISCES which has no storage capacity. Capacity is 750,000 bbls

NAVION FENNIA (9020687) is anchored at Loop Anchorage. Joint DP test will take place with TOISA PISCES. Capacity is 750,000 bbls

DISCOVERER CLEAR LEADER (9386122) is anchored standing by. DNV & BOEM are conducting surveys of production system equipment and are scheduled to completed vessel survey. Capacity is 125,000 bbls

SEILLEAN (8413863), an FPSO, departed Port of Spain, Trinidad enroute to Corpus Christi, TX for outfitting and commissioning of production systems. MSU Corpus Christi will conduct a Port State Control Exam prior to the SEILLEAN's departure for MC 252. Estimated arrival time at MC 252 beginning of August. Capacity is 310,000 bbls.

OVERSEAS CASCADE is currently discharging at Plains St. James facility (Louisiana). Returned to field 1800 18JUL10.

PERSONNEL UPDATE:
[redacted] is currently on site from Liquefied Gas Carrier National Center of Expertise
[redacted] is currently on site from SFO Galveston.
[redacted] is currently on site from MSU Morgan City.
[redacted] is currently on site from CG-521 (Design and Engineering Standards) [redacted]
[redacted] is currently on site from the Offshore NCOE
VIPs:
[redacted]
RADM Kevin Cook
USCG Office:
[redacted]

Contact Information:
[redacted]

Night Shift Contact:

[redacted]

[redacted]

From: [redacted]
Sent: Monday, July 19, 2010 12:00 PM
To: HQS-PF-fldr-NIC-HQ-Email Archive
Subject: Houston ICP - 19 JULY 2010 - 1200 EDT Update

19 July 2010: DEEPWATER HORIZON/Mississippi Canyon Block 252 Source Control Update Houston Incident Command Post DAILY HIGHLIGHTS:

CAPPING STACK OPS: The Three Ram Capping Stack is in position.

WELL INTEGRITY TEST PLAN: Per Well Integrity Test Procedure, choke was completely closed at 1422L 15JUL10 and continues to hold steady (at 1-2psi /hour). As of 1046L pressure is 6806 psi at PT-3K-2 on the three ram capping stack.

SEISMIC / ACOUSTIC TESTING: GECO TOPAZ (9048689) is scheduled to complete one seismic run (two passes) today; Completed four of four passes yesterday. NOAA PISCES to extensively survey the area again today (top Priority).

MONITORING: Temperature at the casing was ~40 degrees F. Geophones have been installed (vibration - hourly), not yet transmitting, on the lower cement line on casing and "big ears" sensor (acoustic - 30 minutes) on the casing 1 inch below the well connector. Monitoring will be collected by the BOA SUB C (9275153).

HYDROSTATIC CONTROL PLAN: Investigating killing the well by pumping mud from the Q4000 through the choke and kill manifold into the top of the well.

Q4000 (8767123): From 0000-2359L 18JUL10, 0 bbls of oil were flared and 0 million SCF of gas were flared. As of 2359L the Q4000 had flared a total of 241,187 bbls of oil and 534.1 million SCF of gas since commencement of operations in MC252. As per Well Integrity Test Plan, the Q4000 was shut-in at 1050L 15JUL10. Current T-time is 69 hours.

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Dispersant: Zero (0) from 0000-2359L 18JUL10. Dispersant injections at the BOP were secured at 1417L 15JUL2010.

Volatile Organic Compounds (VOC): No VOCs reported.

STATUS OF INTERVENTION ACTIONS:
1) Short Term Containment: Top Hat-The DE has deployed Top Hat #7 to depth and has moved within 1500 FT of the well. T-time is 28 hours.

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OVERSEAS CASCADE returned to field 1800 18JUL10.

PERSONNEL UPDATE:
[redacted] is currently on site from Liquefied Gas Carrier National Center of Expertise
[redacted] is currently on site from SFO Galveston.
[redacted] is currently on site from MSU Morgan City.
[redacted] is currently on site from CG-521 (Design and Engineering Standards) [redacted]
[redacted] is currently on site from the Offshore NCOE
VIPs:
RADM Kevin Cook

USCG Office:
[redacted]

Contact Information:
[redacted]

Night Shift Contact:
[redacted]

[redacted]

From: D05-SMB-CAA-LANT30cc
Sent: Wednesday, May 12, 2010 2:31 AM
To: National Command Center
Subject: ICP HOUMA ICS 209 051110 2200
Attachments: ICS 209 051110 2200.pdf

Categories: Orange Category

Good morning,

The ICS 209 is updated, with continuing updates to the incident event log.

- OSRV & Barge Vessels with CGC Oak on station at spill source MC 252
- Vessels continue skimming at first light tomorrow if weather permits, 12 May.
- For the day: 0 Situ burnings. 2 SORTIES flown
- Dispersant daily total is now listed in the Special Notes section of ICS 209 under dispersant sprayed/injected last 24 hours.
- Skimming (liquid total recovered):0 bbls Today and 97,688 bbls To Date

V/r,

[redacted]
LANT IMT

ICS 209 - Incident Status Summary (Oil Spill)

Incident:	Mississippi Canyon 252	Prepared By:	[redacted] at 5/11/2010 23:01
Period:	Period 22 (5/12/2010 06:00 - 5/13/2010 06:00)	Version Name:	05/11/10 2200 MC 252 Houma FINAL

Spill Status (Estimated)

Source Status:
- ○ Secured
- ⊙ Unsecured

Remaining potential: Unknown

Rate of spillage: 208 bbls/hr

Amounts below measured in: barrel(s)

	Last 24 Hours	Total
Tot. Vol.	5000	97000

Mass Balance (Estimated*)

Rcvrd Prod.	0	18000
Evap.	1200	23000
Nat. Disp.	1000	19500
Chem Disp.	190	22190
Burned	0	9150
Floating, Contained		
Flig.Uncont.	1500	5160
Onshore		
Total spilled product accounted for:		97000

Waste Management (Estimated)

Type	Recovered	Stored	Disposed
Oil (BBLS)			
Oily Liquid (BBLS)	97688	18900	
Liquid (BBLS)		145	
Oily Solid (YDS)		40	140
Municipal (YDS)		140	240

Shoreline Impacts

Degree of Oiling	Affected	Cleaned	Remaining to be Cleaned
Very Light (Meters)	3050		800
Light	5331		
Medium (Meters)	9209		9300
Heavy	3390		
Total	20980	0	10100

Wildlife Impacts

Type	Captured	Cleaned	Released	DOA	Died in Facility Euth.	Died in Facility Other
Bird	5	4	2	10	1	
Mammal						
Reptile						
Fish						
Other						
Total	5	4	2	10	1	0

Safety Status

Type	Last 24 Hours	Total
Near Miss	0	17
First Aid	0	24
Recordable	0	8

Equipment Resources

Type	Ordered	Available /Staged	Assigned	Out-Of-Service
Dispersant	750,005	120,471	297,564	
Sorbent: Boom	299,690	670,560	176,760	
Boom	344,674	110,620	364,620	17,000
Viscous Sweep		200,096		
Sorbent: Pads	572	5,942	3,470	
Marine Fueling		8,989		
Boom: Fire	4,003	2,650	1,000	
Sorbent	1,704	1,058	426	
Vessel	119	195	312	2
Trailer	173	173	10	
Storage: Solid	86	124	45	
Vehicle	42	147	28	
Fire Fighting Equipment	81	60	11	
Storage: Liquid	57	65	26	
Skimmer	45	51	17	
Barge: Inland	20	18	15	
Pumps	30	9	13	
Aircraft: Fixed Wing	14	4	10	1
Pressure Washers	5	11	14	
Equipment: Heavy	15	9	5	
Aircraft: Helo	4	2	19	
Barge: Offshore	18	1	5	
OSRV	3	2	18	

Personnel Resources

Organization	People in the Field	People in Cmd. Post	Total People On Scene
Federal	130	328	458
State	52	56	108
Local	13	11	24
RP	50	135	185
Contract Personnel	758	358	1116
Volunteers	59	0	59
Other	262	27	289
			0
			0
Total Response Personnel:			2,239

Special Notes

Safety Status: Last 24 Hours: 0 Total: 49
1 first aid became recordable; May 3rd incident also became recordable
Boom deployed on water: Last 24 Hours: 39050' Total: 350,350'
Total Boom Staged: Total: 124,090'
Air Dispersant sprayed (gal): Last 24 Hours: 7,940 Total: 436,246
Burn amount (bbls): Last 24 Hours: TBD Total: 9150
Wildlife, Amplifying Information:
4 cleaned birds at Buras Wildlife Center, 10 DOA birds.
Coast Guard Personnel: 123
Cutters: Oak & Clairborne (moored for weather in Pensacola); Elm (en route)
[redacted]

*Mass Balance estimates are based on common rules of thumb for natural and chemical dispersion, evaporation, skimming and burning efficiency.

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[redacted]

From: [redacted]
Sent: Friday, June 11, 2010 3:56 PM
To: Lloyd, Anthony CAPT [redacted] NOAA; '[redacted]'; D08-DG-District-IMTWatch; Watson, James RADM; Hanzalik, James CAPT; Landry, Mary RADM; HQS-PF-fldr-NIC HQ Situation Unit; Little, Patrick CAPT; [redacted] Hooper, Thomas CAPT; [redacted]
Subject: MC-252 Sub-Sea Dispersant Daily (0900L) POLREP UPDATE: Friday 11 JUNE 2010
Attachments: MS Canyon 252-Polrep 11 June 2010.doc

Categories: FYI

FYI & SA - Updates are highlighted in YELLOW since yesterdays update.

Note: The continued purpose of this POLREP is to update on a daily basis the following:

1) Major Start & Stop chronologic events for the Sub-Sea Dispersant Injection since it entered the conditional operational phase, and gallons dispersant injected per reporting period, and cumulative gallons dispersant injected to date.

2) Capture any O/S and Departure stats of monitoring vessels in support of the required monitoring protocols.

Summary of today's update below:
- >>

Period: 2200 hrs on 6/09/10 to 2200 hrs on 6/10/10:
Injection rate: Average not provided.
Injection disrupted 1 time for a total of 10 min
- Period Volume: 10,279 gallons (Approx: Total Cumulative* 368,667 gallons)
- Note*: Cumulative remains an approximate at this time with a delta of plus or minus approx 10,000 gallons as the flow meter was adjusted and calibrated earlier in the week, and BP engineers are expected to report a revised cumulative by Saturday 12 June due to the calibration issues. The total period volume previously reported 2200L 6/5/10 – 2200L 6/6/10 is expected to be revised as well for the Saturday 12 June 0900L POLREP Update.
- >>
- The Ocean Veratas departed station pm of 10 June for Port Fourchon.
- The Brooks McCall is on-station since am of 11 June conducting required sampling.

>>

V/r

[redacted]
Eighth COAST Guard District (drm)
500 Poydras Street, Suite 1330
New Orleans, LA 70130
[redacted]

U.S. COAST GUARD / SITUATION REPORT
Mississippi Canyon 252 Sub-Sea Dispersant Injection Status POLREP

Unified Area Command (Robert, LA)

Subject: **POLREP # 1**
Initial (Update)

Mississippi Canyon 252 Sub-Sea Dispersant Injection Status

Latitude: 28.755286 **Longitude: -88.386402**

To: DIST

From: AREA COMMAND, ROBERT, LOUISIANA

Date: 5/17/2010

Reporting Period: 15 MAY - 10 June, 2010
Update: 0900 11 June 2010

1. Current Activities

1.1 Operations Section (Sub-Sea Dispersant Operations Only)

1.1.1 Narrative

As an emergent strategy, the application of sub-sea dispersants to mitigate the sea surface spreading of oil, has been implemented again (specifically the COREXIT 9500) is being injected into the expelling oil plume at the sea floor at the depth of 5,000 feet (the depth from surface of the MC 252 oil plume) at a rate of approximately 10 gallons per minute.

This is considered as an operational trial of the proof of concept method previously performed for this event in discrete test phases. Currently, BP has authority from the EPA and the Coast Guard per its Dispersant Monitoring Directive for Subsurface Dispersant Application dated 10 May 2010 and modified on 14 MAY 2010 as Addendum 1, to conduct sub-sea dispersant injection of COREXIT 9500. Additionally, stakeholders within the response effort continue to monitor any potential environmental impacts of these operations.

1.1.2 Co-Requisite Vessel Monitoring Requirements

The R/V BROOKS McCALL has been O/S since 5/15/2010, and is required to perform sampling in accordance with the 14 May 2010 Addendum 1 to the Dispersant Monitoring and Assessment Directive of 09 May both of which were signed and approved by FOSC RADM Mary Landry, and [redacted], Director of Superfund Division, EPA Region VI.

A brief summary of testing required to be performed is IAW the Dispersant Monitoring and Assessment Directive is as follows:

PART 1.

Towed Flourometer at 1 meter
LISST Particle Analysis at various intervals from surface to 550 meters
Dissolved Oxygen at various intervals from surface to 550 meters
CTD – Conductivity, Temperature, and depth at various intervals from surface to 550 meters
Water sampling from surface to 550 meters for PAH analysis
Aerial Visual Observation – Weather Permitting

PART 2.

Cast Flourometer – surface to sea floor
LISST Particle Analysis at various intervals from surface to the sea floor
CTD – Conductivity, Temperature, and depth at various intervals from surface to sea floor
Water sampling from surface to 550 meters for PAH analysis
Aerial Visual Observation
Rototox toxicity testing

UV- Fluorescence testing of Dispersant – Parameter Requirements

PART 3.

Type of Dispersant to be used
Rate of Dispersant Injection
Process for monitoring pump rate
Procedures for FOSC to start and stop injection

Note: Key additions to these protocols added on 14 May as requirements by Addendum I are as follow, but are not limited to the following:

- Sampling of dispersant/oil and oily waters must be continued, and in addition, baseline data of water without direct application of dispersant or oil shall also be collected by BP.
- BP Shall allow EPA/NOAA Scientists flexibility within the sampling plan to direct the collection of additional data based on field observations (at times and locations of their choice).
- BP shall use Turner Designs C3 Flourometer (e.g. SMART protocol) to distinguish between oil impacted surface waters and those not impacted by oil.
- BP shall use a CTD rosette package equipped with CDOM Flourometer and 2-way communication wire to ensure that EPA/NOAA scientists can view profile data as the rosette package is deployed to 1500 meters. In addition, the CDT rosette package must be capable of collecting discrete samples in water column using the live feed data system. The requirements must be met within 7 days for the RV Brooks McCall. All other vessels must immediately meet this requirement.
- BP shall deploy LISST from the vessel for continuous sampling of surface waters during transits, in order to provide particle size counts information which potentially distinguishes between dispersed and non-dispersed oil.
- Discrete water samples shall be taken by BP at predetermined depths as specified or directed by EPA/NOAA scientists for UV fluorescences.
- BP shall provide 48 hour advance notice for departure and trip duration timelines to the FOSC and the EPA RRT Co-Chair.
- Data reporting shall be conducted by BP on a daily basis. This reporting shall include a sample tracking table. Data reporting shall be provided by BP to the FOSC and the EPA RRT Co-Chair.

1.1.3 Evaluation Criteria to Determine Shut-Down of Subsurface Sea Dispersant Application

The Federal On-Scene Coordinator will immediately convene the Regional response Team (RRT) when either of the following conditions are reported:

1. If there is a significant reduction in DO from background to below 2 mg/L; or
2. If EPA's interpretation of the toxicity test reveals excessive exertion of a toxic response. To determine a measurable toxic response, BP must perform a rangefinder test since the collection of the sample will be directly from the toxic plume, and any sample from the plume will likely kill 100% of the test population. Therefore, the rangefinder must first be conducted to determine an order of magnitude dilution that gives a measurable response… EPA and NOAA will interpret the results of toxicity tests to inform determination of a shutdown decision.

1.1.4

Note: Sub-Sea Dispersant application (Operational Phase Chronology) has followed these major start-stop intervals since the approval of Addendum 1 on 14 May which established final sampling and shut-down protocols, agreed upon by USCG and EPA. There have been minor interruptions in this schedule to allow for operational & pumping concerns, but below summary represents the major intervals of operation at an approx rate of 10 gallons per minute when pumping:

Major Start and Stop times for Sub-Sea Dispersant Injection (Operational Phase)

- 0215L Central 15 MAY began pumping at 10 gallon per minute.
- 1419L Central 15 MAY stopped pumping to adjust injection wand. (When it became d dislodged)
- 7222 gallons COREXIT 9500 pumped this time period.

>>>

- 1330L Central 16 MAY began pumping again at 10 gallon per minute.
- 0145L Central 17 MAY stopped pumping to reposition ship due to weather (Surface vessel is flaring and must remain upwind for surface ops) Then sub-surface dispersant injector wand needed to be re-positioned again to proceed.
- 12380 gallons COREXIT 9500 pumped this time period.

>>>

- 1015L Central 17 MAY began pumping again. Duration of operational continuation is TBD.
- 0550L Central 18 MAY stopped pumping since the R/V BROOKS McCALL will be departing and temporarily preclude continuity of required sampling.
- 5250 gallons COREXIT pumped this time period.

>>>

- 0700L Central 19 MAY (was the original expected time to resume sub-sea dispersant injection) as agreed upon by FOSC and EPA.
- 2113L Central 18 MAY (RADM Landry via coordinated discussion with [redacted], as well as EPA ([redacted] Acting Office Director: Office of Emergency Management) decision made to re-start the Sub-Sea Dispersant injections beginning at 2110L Tuesday 18 MAY. However, when the dispersant surface vessel attempted to move on site, VOC levels were too high, so the vessel had to back off the site and return later. When the vessel returned evening of Tuesday 18 MAY, there was a mechanical issue with the Sub-Sea injection hose system which precluded the ability to resume Sub-Sea dispersant injections. Repairs were implemented and completed whereby injection was re-started for a short time at 0055L Central on Wednesday 19, MAY, and then stopped at 0340 10 gpm with only a total of 163 gallons dispensed this time period. Further details are TBD.

>>>

- 2200 Central 19 MAY continued subsurface dispersant application through 2200 Central 20 MAY
- One disruption of injection from 2145 – 2158
- 14,210 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>>

Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring
The vessel is currently expected to stay O/S thru Saturday in order to provide enough time to coordinate assignment and arrival of a relief vessel to support continued sampling and monitoring efforts.

>>>

- 2200 Central 20 MAY continued subsurface dispersant application through 2200 Central 21 MAY
- No disruptions
- 14,440 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>>

Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring
The vessel departed station at dusk to return to port; expected to arrive early on 22 May; restock, unload samples; expected to depart port late 22 May; arrive back on station early 23 May.
FOSC signed BP Request Waiver, allowing continuation of dispersant application without monitoring vessel present from Friday evening to Sunday morning.

>>

- 2200 Central 21 MAY continued subsurface dispersant application through 2200 Central 22 MAY
- No disruptions
- 14,130 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>>

Status of RV BROOKS McCALL:
Receipt of scintillation tubes and glass bottles will enable maintaining full functionality. Vessel completed refit of cable etc. for 'Real Time' CDT analyses with greater flexibility for picking/taking samples, and left Port Fourchon @ 1600h 5/22 and headed for spill site. New crew members briefed and new equipment/supplies stowed.

Trials of new gear initiated en route @ appx. 0200. Resumed progress to spill site where work will focus on the SW (more specifically WSW) quadrant to further characterize new plume. Expect to be at first station around 0800h.

>>>

- 2200 Central 22 MAY continued subsurface dispersant application through 2200 Central 23 MAY
- No disruptions
- 14,712 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>>

Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring

>>>

- 2200 Central 23 MAY continued subsurface dispersant application through 2200 Central 24 MAY
- No disruptions
- 14,440 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>>

Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring

>>

- 2200 Central 24 MAY continued subsurface dispersant application through 2200 Central 25 MAY
- Subsea dispersant injection continued until approximately 2000, then restarted at approximately 0430 on 5/26
- 12,766 gallons of COREXIT pumped in this time period. (143,637 gallons cumulative)

>>

Status of RV Brooks McCall:
- The vessel departed station at dusk to return to port; unload samples

Status of RV Veritas:
- The vessel is in port at Port Fourchon to taken on crew and equipment; expected to depart evening; arrive on station to get sampling by 0800 tomorrow morning.
- Start: 2200 5/25
- Stop: 2200 5/26
- Rate: 10 gpm
- Volume: 11,110 gallons (Total cumulative 155,436 gallons)
- Two disruptions for 21 minutes total.

>>
- 2200 Central 25 MAY continued subsurface dispersant application through 2200 Central 26 MAY
- Two disruptions for 21 minutes total
- 11,110 gallons of COREXIT pumped in this time period. (155,436 gallons cumulative)

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Status of RV Brooks McCall:

- At port; depart again on 05/29/10 to sampling station

Status of RV Veritas:

- Arrived at station at 0600 on 05/27; depart from station on 05/29
- >>
- 2200 Central 26 MAY continued subsurface dispersant application through 2200 Central 27 MAY
- No disruptions
- 14,400 gallons of COREXIT pumped in this time period. (169,836 gallons cumulative)

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Status of RV Brooks McCall:

- At port; depart again on 05/29/10 to sampling station

Status of RV Veritas:

- On station collecting samples; depart from station on 05/29
- >>
- 2200 Central 27 MAY continued subsurface dispersant application through 2200 Central 28 MAY
- No disruptions
- 14,040 gallons of COREXIT pumped in this time period. (183,832 gallons cumulative)

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Status of RV Brooks McCall:

- At port; depart again on 05/29/10 to sampling station

Status of RV Veritas:

- On station collecting samples; depart from station on 05/29
- >>
- 2200 Central 29 MAY continued subsurface dispersant application through 2200 Central 30 MAY
- No disruptions
- 14,974 gallons of COREXIT pumped in this time period. (212,991 gallons cumulative)

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Status of RV Brooks McCall:

- Left port evening 05/29; on station 05/30 to begin sampling

Status of RV Veritas:

- Left station evening 05/29; at port 05/30
- >>
- 2200 Central 30 MAY continued subsurface dispersant application through 2200 Central 31 MAY
- Rate: 10 gpm
- Volume: 12,948 gallons (Total Cumulative- 225,408 gallons)
- Disruptions: No disruptions reported.
- >>>
- The following represents a brief synopsis of vessel sampling activity:
- The Brooks-McCall was on station sampling from 30 MAY thru and including 01 JUNE, but will depart pm of 01 JUN; the Ocean-Veritas will depart Port Fourchon, LA, pm of 01 June, and be O/S to resume sampling at approx 0800L on 02 JUNE.

>>
>

- 2200 Central 31 MAY thru 1920 Central 01 JUNE, continued subsurface dispersant application
- Rate: 10 gpm
- Volume: 13,122 gallons (Total Cumulative- 238,530 gallons)
- Disruptions: Sub-Sea Injection of Dispersant was stopped at 1920 hours.
- >>>
- The following represents a brief synopsis of vessel sampling activity:
- The Ocean-Veritas is expected O/S to resume sampling at approx 0900L on 02 JUNE.
- >>
- Reporting Period 2200L 01 JUNE – 2200 02 JUNE:
  Injection rate: 5 to 20 gal/min. Injection disrupted 7 times for SIMOPS (12 hours and 24 mins not injected)
- Volume: 7,465 gallons (Total Cumulative thru 2200L 02 JUN: 245,975 gallons)
- The Ocean-Veritas remains O/S this reporting period.
- >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
- Reporting Period 2200L 02 JUNE – 2200 03 JUNE:
  Injection rate: 8 to 14 gal/min. Injection disrupted 2 times for SIMOPS (6 hours and 33 mins not injected)
- Volume: 10,241 gallons (Total Cumulative 256,216 gallons)
- >>
- The Ocean-Veritas remains O/S today (Friday 04 June).
- >>
- Reporting Period: 2200L 03 JUNE – 2200L 04 JUNE 2010:
- Sub-Sea Dispersant Injection continues
- On 6/4/10 Injection rate 9 – 14 gallons per minute
- Injection disrupted 2 times for SIMOPS
- (0 hours and 55 minutes not injected)
- Volume: 13,931 gallons this period
- (TOTAL Cumulative: 270,668 gallons)
- >>
- The Ocean Veratas departed station pm of 04 JUNE 2010 for Port Fourchon
- The Brooks McCall departed Port Fourchon pm of 04 June for an ETA of early am Saturday 05 JUNE On Station to resume sub-sea sampling.
- >>
- Reporting Period: 2200L 04 JUNE – 2200L 05 JUNE 2010:
- Injection rate: 6 to 16 gal/min. Injection disrupted 2 times for SIMOPS (1 hour and 12 mins not injected)
  Volume: 13,513 gallons (Total Cumulative 284,193 gallons)
- The Brooks McCall was on-station since am of 05 JUNE and remains on-station for required sampling.
- >>
  Reporting Period: 2200L 05 JUNE – 2200L 06 JUNE 2010:
- Injection rate: 9.8 gal/min. Injection disrupted 1 times for SIMOPS (0 hour and 45 mins not injected)
  Volume: 13,640 gallons (Total Cumulative 317,555 gallons)
- The Brooks McCall was on-station since am of 05 JUNE and remains on-station for required sampling.
- >>
  Reporting Period: 2200L 06 JUNE – 2200L 07 JUNE 2010:
- Injection rate: Average not provided. Injection disrupted 4 times for SIMOPS (3 hours and 28 mins not injected)
  Volume: 14,105 gallons (Total Cumulative 331,660 gallons)
- >>>
- The Brooks McCall was on-station beginning am of 05 JUNE and scheduled to depart station pm of 07 JUNE for a return to Port Fourchon. The Ocean Veratas is confirmed on-station am of 08 June conducting the required sampling.

>>
- 2200 hrs on 6/7/10 to 2200 hrs on 6/8/10:
- Injection rate: Average: Not provided. Injection disrupted 6 times (3 hours and 0 mins not injected)
- Volume: 14,207 gallons (Total Cumulative 345,867 gallons)
- NOTES: The cumulative value was adjusted in today's report update (Wed 09 JUNE) to reflect flow meter calibration issues that occurred between 6/2 and 6/5.

>>>
- The Ocean Veratas is confirmed on-station since am of 08 June conducting the required sampling thru Wed and Thurs 9 and 10 June. It is scheduled to depart station pm of 10 June and return to Port Fourchon. The Brooks McCall is scheduled to transit from Port Fourchon on pm of 10 June, for an ETA on station sampling of early am 11 June.
- >>
- Period: 2200 hrs on 6/8/10 to 2200 hrs on 6/9/10:
- Injection rate: Average not provided. Injection disrupted 1 time for a total of 17 min
- Period Volume: 12,521 gallons (Total Cumulative 358,388 gallons)
- >>>
- The Ocean Veratas remains on-station thru pm of 10 June for departure to Port Fourchon. The Brooks McCall is scheduled to depart Port Fourchon pm of 10 June for an on-station ETA of early am 11 June for required sampling.
- >>

  Period: 2200 hrs on 6/09/10 to 2200 hrs on 6/10/10:
  Injection rate: Average not provided.
  Injection disrupted 1 time for a total of 10 min
- Period Volume: 10,279 gallons (Approx: Total Cumulative* 368,667 gallons)
- Note*: Cumulative remains an approximate at this time with a delta of plus or minus approx 10,000 gallons as the flow meter was adjusted and calibrated earlier in the week, and BP engineers are expected to report a revised cumulative due to the calibration issues. The total period volume previously reported 2200L 6/5/10 – 2200L 6/6/10 is expected to be revised as well for the Saturday 12 June 0900L POLREP Update.
- >>
- The Ocean Veratas departed station pm of 10 June for Port Fourchon.
- The Brooks McCall is on-station since am of 11 June conducting required sampling.

[redacted]

From: [redacted]
Sent: Tuesday, June 08, 2010 11:14 AM
To: Lloyd, Anthony CAPT; [redacted]-NOAA; [redacted]; D08-DG-District-IMTWatch; Watson, James RADM; Hanzalik, James CAPT; Landry, Mary RADM; HQS-PF-fldr-NIC HQ Situation Unit; Little, Patrick CAPT; [redacted]; Hooper, Thomas CAPT; [redacted]
Subject: MC-252 Sub-Sea Dispersant Daily (0900L) POLREP UPDATE: Monday 08 JUNE 2010
Attachments: MS Canyon 252-Polrep 08 June 2010.doc

Categories: FYI

FYI & SA - Updates are highlighted in YELLOW since yesterdays update.

Note: The continued purpose of this POLREP is to update on a daily basis the following:

1) Major Start & Stop chronologic events for the Sub-Sea Dispersant Injection since it entered the conditional operational phase, and gallons dispersant injected per reporting period, and cumulative gallons dispersant injected to date.

2) Capture any O/S and Departure stats of monitoring vessels in support of the required monitoring protocols.

>>
Reporting Period: 2200L 06 JUNE - 2200L 07 JUNE 2010:
- Injection rate: Average not provided. Injection disrupted 4 times for SIMOPS (3 hours and 28 mins not injected)
Volume: 14,105 gallons (Total Cumulative 331,660 gallons)
- The Brooks McCall was on-station beginning am of 05 JUNE and scheduled to depart station pm of 07 JUNE for a return to Port Fourchon. The Ocean Veratas is confirmed on-station am of 08 June conducting the required sampling.
>>

V/r
[redacted]
Eighth COAST Guard District (drm)
500 Poydras Street, Suite 1330
New Orleans, LA 70130
[redacted]

U.S. COAST GUARD / SITUATION REPORT
Mississippi Canyon 252 Sub-Sea Dispersant Injection Status POLREP

Unified Area Command (Robert, LA)

Subject: **POLREP # 1**
Initial (Update)

Mississippi Canyon 252 Sub-Sea Dispersant Injection Status

Latitude: 28.755286 **Longitude: -88.386402**

To: DIST

From: AREA COMMAND, ROBERT, LOUISIANA

Date: 5/17/2010

Reporting Period: 15 MAY - 07 June, 2010
Update: 0900 08 June 2010

1. Current Activities

1.1 Operations Section (Sub-Sea Dispersant Operations Only)

1.1.1 Narrative

As an emergent strategy, the application of sub-sea dispersants to mitigate the sea surface spreading of oil, has been implemented again (specifically the COREXIT 9500) is being injected into the expelling oil plume at the sea floor at the depth of 5,000 feet (the depth from surface of the MC 252 oil plume) at a rate of approximately 10 gallons per minute.

This is considered as an operational trial of the proof of concept method previously performed for this event in discrete test phases. Currently, BP has authority from the EPA and the Coast Guard per its Dispersant Monitoring Directive for Subsurface Dispersant Application dated 10 May 2010 and modified on 14 MAY 2010 as Addendum 1, to conduct sub-sea dispersant injection of COREXIT 9500. Additionally, stakeholders within the response effort continue to monitor any potential environmental impacts of these operations.

1.1.2 Co-Requisite Vessel Monitoring Requirements

The R/V BROOKS McCALL has been O/S since 5/15/2010, and is required to perform sampling in accordance with the 14 May 2010 Addendum 1 to the Dispersant Monitoring and Assessment Directive of 09 May both of which were signed and approved by FOSC RADM Mary Landry, and [redacted] Director of Superfund Division, EPA Region VI.

A brief summary of testing required to be performed is IAW the Dispersant Monitoring and Assessment Directive is as follows:

PART 1.

Towed Flourometer at 1 meter
LISST Particle Analysis at various intervals from surface to 550 meters
Dissolved Oxygen at various intervals from surface to 550 meters
CTD – Conductivity, Temperature, and depth at various intervals from surface to 550 meters
Water sampling from surface to 550 meters for PAH analysis
Aerial Visual Observation – Weather Permitting

PART 2.

Cast Flourometer – surface to sea floor
LISST Particle Analysis at various intervals from surface to the sea floor
CTD – Conductivity, Temperature, and depth at various intervals from surface to sea floor
Water sampling from surface to 550 meters for PAH analysis
Aerial Visual Observation
Rototox toxicity testing

UV- Fluorescence testing of Dispersant – Parameter Requirements

PART 3.

Type of Dispersant to be used
Rate of Dispersant Injection
Process for monitoring pump rate
Procedures for FOSC to start and stop injection

Note: Key additions to these protocols added on 14 May as requirements by Addendum I are as follow, but are not limited to the following:

- Sampling of dispersant/oil and oily waters must be continued, and in addition, baseline data of water without direct application of dispersant or oil shall also be collected by BP.
- BP Shall allow EPA/NOAA Scientists flexibility within the sampling plan to direct the collection of additional data based on field observations (at times and locations of their choice).
- BP shall use Turner Designs C3 Flourometer (e.g. SMART protocol) to distinguish between oil impacted surface waters and those not impacted by oil.
- BP shall use a CTD rosette package equipped with CDOM Flourometer and 2-way communication wire to ensure that EPA/NOAA scientists can view profile data as the rosette package is deployed to 1500 meters. In addition, the CDT rosette package must be capable of collecting discrete samples in water column using the live feed data system. The requirements must be met within 7 days for the RV Brooks McCall. All other vessels must immediately meet this requirement.
- BP shall deploy LISST from the vessel for continuous sampling of surface waters during transits, in order to provide particle size counts information which potentially distinguishes between dispersed and non-dispersed oil.
- Discrete water samples shall be taken by BP at predetermined depths as specified or directed by EPA/NOAA scientists for UV fluorescences.
- BP shall provide 48 hour advance notice for departure and trip duration timelines to the FOSC and the EPA RRT Co-Chair.
- Data reporting shall be conducted by BP on a daily basis. This reporting shall include a sample tracking table. Data reporting shall be provided by BP to the FOSC and the EPA RRT Co-Chair.

1.1.3 Evaluation Criteria to Determine Shut-Down of Subsurface Sea Dispersant Application

The Federal On-Scene Coordinator will immediately convene the Regional response Team (RRT) when either of the following conditions are reported:

1. If there is a significant reduction in DO from background to below 2 mg/L; or
2. If EPA's interpretation of the toxicity test reveals excessive exertion of a toxic response. To determine a measurable toxic response, BP must perform a rangefinder test since the collection of the sample will be directly from the toxic plume, and any sample from the plume will likely kill 100% of the test population. Therefore, the rangefinder must first be conducted to determine an order of magnitude dilution that gives a measurable response… EPA and NOAA will interpret the results of toxicity tests to inform determination of a shutdown decision.

1.1.4

Note: Sub-Sea Dispersant application (Operational Phase Chronology) has followed these major start-stop intervals since the approval of Addendum 1 on 14 May which established final sampling and shut-down protocols, agreed upon by USCG and EPA. There have been minor interruptions in this schedule to allow for operational & pumping concerns, but below summary represents the major intervals of operation at an approx rate of 10 gallons per minute when pumping:

Major Start and Stop times for Sub-Sea Dispersant Injection (Operational Phase)

- 0215L Central 15 MAY began pumping at 10 gallon per minute.
- 1419L Central 15 MAY stopped pumping to adjust injection wand. (When it became d dislodged)
- 7222 gallons COREXIT 9500 pumped this time period.

>>>
- 1330L Central 16 MAY began pumping again at 10 gallon per minute.
- 0145L Central 17 MAY stopped pumping to reposition ship due to weather (Surface vessel is flaring and must remain upwind for surface ops) Then sub-surface dispersant injector wand needed to be re-positioned again to proceed.
- 12380 gallons COREXIT 9500 pumped this time period.

>>>
- 1015L Central 17 MAY began pumping again. Duration of operational continuation is TBD.
- 0550L Central 18 MAY stopped pumping since the R/V BROOKS McCALL will be departing and temporarily preclude continuity of required sampling.
- 5250 gallons COREXIT pumped this time period.

>>>
- 0700L Central 19 MAY (was the original expected time to resume sub-sea dispersant injection) as agreed upon by FOSC and EPA.
- 2113L Central 18 MAY (RADM Landry via coordinated discussion with [redacted] as well as EPA ([redacted], Acting Office Director: Office of Emergency Management) decision made to re-start the Sub-Sea Dispersant injections beginning at 2110L Tuesday 18 MAY. However, when the dispersant surface vessel attempted to move on site, VOC levels were too high, so the vessel had to back off the site and return later. When the vessel returned evening of Tuesday 18 MAY, there was a mechanical issue with the Sub-Sea injection hose system which precluded the ability to resume Sub-Sea dispersant injections. Repairs were implemented and completed whereby injection was re-started for a short time at 0055L Central on Wednesday 19, MAY, and then stopped at 0340 10 gpm with only a total of 163 gallons dispensed this time period. Further details are TBD.

>>>
- 2200 Central 19 MAY continued subsurface dispersant application through 2200 Central 20 MAY
- One disruption of injection from 2145 – 2158
- 14,210 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>>
Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring
The vessel is currently expected to stay O/S thru Saturday in order to provide enough time to coordinate assignment and arrival of a relief vessel to support continued sampling and monitoring efforts.

>>>
- 2200 Central 20 MAY continued subsurface dispersant application through 2200 Central 21 MAY
- No disruptions
- 14,440 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>>
Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring
The vessel departed station at dusk to return to port; expected to arrive early on 22 May; restock, unload samples; expected to depart port late 22 May; arrive back on station early 23 May.
FOSC signed BP Request Waiver, allowing continuation of dispersant application without monitoring vessel present from Friday evening to Sunday morning.

>>
- 2200 Central 21 MAY continued subsurface dispersant application through 2200 Central 22 MAY
- No disruptions
- 14,130 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>

Status of RV BROOKS McCALL:
Receipt of scintillation tubes and glass bottles will enable maintaining full functionality. Vessel completed refit of cable etc. for 'Real Time' CDT analyses with greater flexibility for picking/taking samples, and left Port Fourchon @ 1600h 5/22 and headed for spill site. New crew members briefed and new equipment/supplies stowed.

Trials of new gear initiated en route @ appx. 0200. Resumed progress to spill site where work will focus on the SW (more specifically WSW) quadrant to further characterize new plume. Expect to be at first station around 0800h.

>>>

- **2200 Central 22 MAY continued subsurface dispersant application through 2200 Central 23 MAY**
- **No disruptions**
- **14,712 gallons of COREXIT pumped in this time period.**
- **Injection is still on-going at time of this POLREP Update**

>>>

Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring

>>>

- 2200 Central 23 MAY continued subsurface dispersant application through 2200 Central 24 MAY
- No disruptions
- 14,440 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>

Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring

>>>

- 2200 Central 24 MAY continued subsurface dispersant application through 2200 Central 25 MAY
- Subsea dispersant injection continued until approximately 2000, then restarted at approximately 0430 on 5/26
- 12,766 gallons of COREXIT pumped in this time period. (143,637 gallons cumulative)

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Status of RV Brooks McCall:
- The vessel departed station at dusk to return to port; unload samples

Status of RV Veritas:
- The vessel is in port at Port Fourchon to taken on crew and equipment; expected to depart evening; arrive on station to get sampling by 0800 tomorrow morning.
- Start: 2200 5/25
- Stop: 2200 5/26
- Rate: 10 gpm
- Volume: 11,110 gallons (Total cumulative 155,436 gallons)
- Two disruptions for 21 minutes total.

>>>
- 2200 Central 25 MAY continued subsurface dispersant application through 2200 Central 26 MAY
- Two disruptions for 21 minutes total
- 11,110 gallons of COREXIT pumped in this time period. (155,436 gallons cumulative)

>>

Status of RV Brooks McCall:

- At port; depart again on 05/29/10 to sampling station

Status of RV Veritas:

- Arrived at station at 0600 on 05/27; depart from station on 05/29
- >>>
- 2200 Central 26 MAY continued subsurface dispersant application through 2200 Central 27 MAY
- No disruptions
- 14,400 gallons of COREXIT pumped in this time period. (169,836 gallons cumulative)

>>

Status of RV Brooks McCall:

- At port; depart again on 05/29/10 to sampling station

Status of RV Veritas:

- On station collecting samples; depart from station on 05/29
- >>>
- 2200 Central 27 MAY continued subsurface dispersant application through 2200 Central 28 MAY
- No disruptions
- 14,040 gallons of COREXIT pumped in this time period. (183,832 gallons cumulative)

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Status of RV Brooks McCall:

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- On station collecting samples; depart from station on 05/29
- >>>
- 2200 Central 29 MAY continued subsurface dispersant application through 2200 Central 30 MAY
- No disruptions
- 14,974 gallons of COREXIT pumped in this time period. (212,991 gallons cumulative)

>>

Status of RV Brooks McCall:

- Left port evening 05/29; on station 05/30 to begin sampling

Status of RV Veritas:

- Left station evening 05/29; at port 05/30
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- 2200 Central 30 MAY continued subsurface dispersant application through 2200 Central 31 MAY
- Rate: 10 gpm
- Volume: 12,948 gallons (Total Cumulative- 225,408 gallons)
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- >>>
- The following represents a brief synopsis of vessel sampling activity:
- The Brooks-McCall was on station sampling from 30 MAY thru and including 01 JUNE, but will depart pm of 01 JUN; the Ocean-Veritas will depart Port Fourchon, LA, pm of 01 June, and be O/S to resume sampling at approx 0800L on 02 JUNE.

>>

- 2200 Central 31 MAY thru 1920 Central 01 JUNE, continued subsurface dispersant application
- Rate: 10 gpm
- Volume: 13,122 gallons (Total Cumulative- 238,530 gallons)
- Disruptions: Sub-Sea Injection of Dispersant was stopped at 1920 hours.
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- The following represents a brief synopsis of vessel sampling activity:
- The Ocean-Veritas is expected O/S to resume sampling at approx 0900L on 02 JUNE.
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  Injection rate: 5 to 20 gal/min. Injection disrupted 7 times for SIMOPS (12 hours and 24 mins not injected)
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- The Ocean-Veritas remains O/S this reporting period.
- >>>>>>>>>>>>>>>>>>>>>>>>>>>
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  Injection rate: 8 to 14 gal/min. Injection disrupted 2 times for SIMOPS (6 hours and 33 mins not injected)
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- The Ocean-Veritas remains O/S today (Friday 04 June).
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- On 6/4/10 Injection rate 9 - 14 gallons per minute
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- Volume: 13,931 gallons this period
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- >>>
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  Volume: 14,105 gallons (Total Cumulative 331,660 gallons)

- The Brooks McCall was on-station beginning am of 05 JUNE and scheduled to depart station pm of 07 JUNE for a return to Port Fourchon. The Ocean Veratas is confirmed on-station am of 08 June conducting the required sampling.
- >>

[redacted]

From: [redacted]
Sent: Monday, June 14, 2010 11:19 AM
To: Lloyd, Anthony CAPT; [redacted] NOAA; [redacted] D08-DG-District-IMTWatch; Watson, James RADM; Hanzalik, James CAPT; Landry, Mary RADM; HQS-PF-fldr-NIC HQ Situation Unit; Little, Patrick CAPT; [redacted] Hooper, Thomas CAPT; [redacted]
Subject: MC-252 Sub-Sea Dispersant Daily (0900L) POLREP UPDATE: Monday 14 JUNE 2010
Attachments: MS Canyon 252-Polrep 14 June 2010.doc

FYI & SA - Updates are highlighted in YELLOW since yesterdays update.

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2) Capture any O/S and Departure stats of monitoring vessels in support of the required monitoring protocols.

Summary of today's update below:

>>>
Monday 14 June Update for: period from 2200 hrs on 6/12/10 to 2200 hrs on 6/13/10: Injection rate: Average not provided. Volume: 9,596 gallons (Total Cumulative 392,468 gallons) The Ocean Veratas reported ETA for on- station is early am of 14 June to perform required sampling. The Brooks McCall departed station evening of Sunday 13 June for Port Fourchon.
>>>

V/r

[redacted]
Eighth COAST Guard District (drm)
500 Poydras Street, Suite 1330
New Orleans, LA 70130
[redacted]

U.S. COAST GUARD / SITUATION REPORT
Mississippi Canyon 252 Sub-Sea Dispersant Injection Status POLREP

Unified Area Command (Robert, LA)

Subject: **POLREP # 1**
Initial (Update)

Mississippi Canyon 252 Sub-Sea Dispersant Injection Status

Latitude: 28.755286 **Longitude: -88.386402**

To: DIST

From: AREA COMMAND, ROBERT, LOUISIANA

Date: 5/17/2010

Reporting Period: 15 MAY - 13 June, 2010
Update: 0900 14 June 2010

1. Current Activities

1.1 Operations Section (Sub-Sea Dispersant Operations Only)

1.1.1 Narrative

As an emergent strategy, the application of sub-sea dispersants to mitigate the sea surface spreading of oil, has been implemented again (specifically the COREXIT 9500) is being injected into the expelling oil plume at the sea floor at the depth of 5,000 feet (the depth from surface of the MC 252 oil plume) at a rate of approximately 10 gallons per minute.

This is considered as an operational trial of the proof of concept method previously performed for this event in discrete test phases. Currently, BP has authority from the EPA and the Coast Guard per its Dispersant Monitoring Directive for Subsurface Dispersant Application dated 10 May 2010 and modified on 14 MAY 2010 as Addendum 1, to conduct sub-sea dispersant injection of COREXIT 9500. Additionally, stakeholders within the response effort continue to monitor any potential environmental impacts of these operations.

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A brief summary of testing required to be performed is IAW the Dispersant Monitoring and Assessment Directive is as follows:

PART 1.

- Towed Flourometer at 1 meter
- LISST Particle Analysis at various intervals from surface to 550 meters
- Dissolved Oxygen at various intervals from surface to 550 meters
- CTD – Conductivity, Temperature, and depth at various intervals from surface to 550 meters
- Water sampling from surface to 550 meters for PAH analysis
- Aerial Visual Observation – Weather Permitting

PART 2.

- Cast Flourometer – surface to sea floor
- LISST Particle Analysis at various intervals from surface to the sea floor
- CTD – Conductivity, Temperature, and depth at various intervals from surface to sea floor
- Water sampling from surface to 550 meters for PAH analysis
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- Rototox toxicity testing

UV- Fluorescence testing of Dispersant – Parameter Requirements

PART 3.

Type of Dispersant to be used
Rate of Dispersant Injection
Process for monitoring pump rate
Procedures for FOSC to start and stop injection

Note: Key additions to these protocols added on 14 May as requirements by Addendum I are as follow, but are not limited to the following:

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- Data reporting shall be conducted by BP on a daily basis. This reporting shall include a sample tracking table. Data reporting shall be provided by BP to the FOSC and the EPA RRT Co-Chair.

1.1.3 Evaluation Criteria to Determine Shut-Down of Subsurface Sea Dispersant Application

The Federal On-Scene Coordinator will immediately convene the Regional response Team (RRT) when either of the following conditions are reported:

1. If there is a significant reduction in DO from background to below 2 mg/L; or
2. If EPA's interpretation of the toxicity test reveals excessive exertion of a toxic response. To determine a measurable toxic response, BP must perform a rangefinder test since the collection of the sample will be directly from the toxic plume, and any sample from the plume will likely kill 100% of the test population. Therefore, the rangefinder must first be conducted to determine an order of magnitude dilution that gives a measurable response… EPA and NOAA will interpret the results of toxicity tests to inform determination of a shutdown decision.

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Note: Sub-Sea Dispersant application (Operational Phase Chronology) has followed these major start-stop intervals since the approval of Addendum 1 on 14 May which established final sampling and shut-down protocols, agreed upon by USCG and EPA. There have been minor interruptions in this schedule to allow for operational & pumping concerns, but below summary represents the major intervals of operation at an approx rate of 10 gallons per minute when pumping:

Major Start and Stop times for Sub-Sea Dispersant Injection (Operational Phase)

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- 7222 gallons COREXIT 9500 pumped this time period.

>>>

- 2200 Central 21 MAY continued subsurface dispersant application through 2200 Central 22 MAY
- No disruptions
- 14,130 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>

Status of RV BROOKS McCALL:
Receipt of scintillation tubes and glass bottles will enable maintaining full functionality. Vessel completed refit of cable etc. for 'Real Time' CDT analyses with greater flexibility for picking/taking samples, and left Port Fourchon @ 1600h 5/22 and headed for spill site. New crew members briefed and new equipment/supplies stowed.

Trials of new gear initiated en route @ appx. 0200. Resumed progress to spill site where work will focus on the SW (more specifically WSW) quadrant to further characterize new plume. Expect to be at first station around 0800h.

>>

- 2200 Central 22 MAY continued subsurface dispersant application through 2200 Central 23 MAY
- No disruptions
- 14,712 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>

Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring

>>

- 2200 Central 23 MAY continued subsurface dispersant application through 2200 Central 24 MAY
- No disruptions
- 14,440 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>

Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring

>>

- 2200 Central 24 MAY continued subsurface dispersant application through 2200 Central 25 MAY
- Subsea dispersant injection continued until approximately 2000, then restarted at approximately 0430 on 5/26
- 12,766 gallons of COREXIT pumped in this time period. (143,637 gallons cumulative)

>>

Status of RV Brooks McCall:
- The vessel departed station at dusk to return to port; unload samples

Status of RV Veritas:
- The vessel is in port at Port Fourchon to taken on crew and equipment; expected to depart evening; arrive on station to get sampling by 0800 tomorrow morning.
- Start: 2200 5/25
- Stop: 2200 5/26
- Rate: 10 gpm
- Volume: 11,110 gallons (Total cumulative 155,436 gallons)
- Two disruptions for 21 minutes total.

>>>

- 1330L Central 16 MAY began pumping again at 10 gallon per minute.
- 0145L Central 17 MAY stopped pumping to reposition ship due to weather (Surface vessel is flaring and must remain upwind for surface ops) Then sub-surface dispersant injector wand needed to be re-positioned again to proceed.
- 12380 gallons COREXIT 9500 pumped this time period.

>>>

- 1015L Central 17 MAY began pumping again. Duration of operational continuation is TBD.
- 0550L Central 18 MAY stopped pumping since the R/V BROOKS McCALL will be departing and temporarily preclude continuity of required sampling.
- 5250 gallons COREXIT pumped this time period.

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- 0700L Central 19 MAY (was the original expected time to resume sub-sea dispersant injection) as agreed upon by FOSC and EPA.
- 2113L Central 18 MAY (RADM Landry via coordinated discussion with [redacted], as well as EPA [redacted] Acting Office Director: Office of Emergency Management) decision made to re-start the Sub-Sea Dispersant injections beginning at 2110L Tuesday 18 MAY. However, when the dispersant surface vessel attempted to move on site, VOC levels were too high, so the vessel had to back off the site and return later. When the vessel returned evening of Tuesday 18 MAY, there was a mechanical issue with the Sub-Sea injection hose system which precluded the ability to resume Sub-Sea dispersant injections. Repairs were implemented and completed whereby injection was re-started for a short time at 0055L Central on Wednesday 19, MAY, and then stopped at 0340 10 gpm with only a total of 163 gallons dispensed this time period. Further details are TBD.

>>>

- 2200 Central 19 MAY continued subsurface dispersant application through 2200 Central 20 MAY
- One disruption of injection from 2145 – 2158
- 14,210 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>>

Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring
The vessel is currently expected to stay O/S thru Saturday in order to provide enough time to coordinate assignment and arrival of a relief vessel to support continued sampling and monitoring efforts.

>>>

- 2200 Central 20 MAY continued subsurface dispersant application through 2200 Central 21 MAY
- No disruptions
- 14,440 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>>

Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring
The vessel departed station at dusk to return to port; expected to arrive early on 22 May; restock, unload samples; expected to depart port late 22 May; arrive back on station early 23 May.
FOSC signed BP Request Waiver, allowing continuation of dispersant application without monitoring vessel present from Friday evening to Sunday morning.

>>
- 2200 Central 25 MAY continued subsurface dispersant application through 2200 Central 26 MAY
- Two disruptions for 21 minutes total
- 11,110 gallons of COREXIT pumped in this time period. (155,436 gallons cumulative)

>>>

Status of RV Brooks McCall:
- At port; depart again on 05/29/10 to sampling station

Status of RV Veritas:
- Arrived at station at 0600 on 05/27; depart from station on 05/29
- >>
- 2200 Central 26 MAY continued subsurface dispersant application through 2200 Central 27 MAY
- No disruptions
- 14,400 gallons of COREXIT pumped in this time period. (169,836 gallons cumulative)

>>>

Status of RV Brooks McCall:
- At port; depart again on 05/29/10 to sampling station

Status of RV Veritas:
- On station collecting samples; depart from station on 05/29
- >>
- 2200 Central 27 MAY continued subsurface dispersant application through 2200 Central 28 MAY
- No disruptions
- 14,040 gallons of COREXIT pumped in this time period. (183,832 gallons cumulative)

>>>

Status of RV Brooks McCall:
- At port; depart again on 05/29/10 to sampling station

Status of RV Veritas:
- On station collecting samples; depart from station on 05/29
- >>
- 2200 Central 29 MAY continued subsurface dispersant application through 2200 Central 30 MAY
- No disruptions
- 14,974 gallons of COREXIT pumped in this time period. (212,991 gallons cumulative)

>>>

Status of RV Brooks McCall:
- Left port evening 05/29; on station 05/30 to begin sampling

Status of RV Veritas:
- Left station evening 05/29; at port 05/30
- >>
- 2200 Central 30 MAY continued subsurface dispersant application through 2200 Central 31 MAY

Rate: 10 gpm
Volume: 12,948 gallons (Total Cumulative- 225,408 gallons)
Disruptions: No disruptions reported.
>>
The following represents a brief synopsis of vessel sampling activity:
The Brooks-McCall was on station sampling from 30 MAY thru and including 01 JUNE, but will depart pm of 01 JUN; the Ocean-Veritas will depart Port Fourchon, LA, pm of 01 June, and be O/S to resume sampling at approx 0800L on 02 JUNE.
>>>
- 2200 Central 31 MAY thru 1920 Central 01 JUNE, continued subsurface dispersant application

Rate: 10 gpm
Volume: 13,122 gallons (Total Cumulative- 238,530 gallons)
Disruptions: Sub-Sea Injection of Dispersant was stopped at 1920 hours.
>>
The following represents a brief synopsis of vessel sampling activity:

The Ocean-Veritas is expected O/S to resume sampling at approx 0900L on 02 JUNE.
>>>
Reporting Period 2200L 01 JUNE – 2200 02 JUNE:
Injection rate: 5 to 20 gal/min. Injection disrupted 7 times for SIMOPS (12 hours and 24 mins not injected)
Volume: 7,465 gallons (Total Cumulative thru 2200L 02 JUN: 245,975 gallons)
The Ocean-Veritas remains O/S this reporting period.
>>>>>>>>>>>>>>>>>>>>>>>>>
Reporting Period 2200L 02 JUNE – 2200 03 JUNE:
Injection rate: 8 to 14 gal/min. Injection disrupted 2 times for SIMOPS (6 hours and 33 mins not injected)
Volume: 10,241 gallons (Total Cumulative 256,216 gallons)
>>
The Ocean-Veritas remains O/S today (Friday 04 June).
>>>
Reporting Period: 2200L 03 JUNE – 2200L 04 JUNE 2010:
Sub-Sea Dispersant Injection continues
On 6/4/10 Injection rate 9 – 14 gallons per minute
Injection disrupted 2 times for SIMOPS
(0 hours and 55 minutes not injected)
Volume: 13,931 gallons this period
(TOTAL Cumulative: 270,668 gallons)
>>>
The Ocean Veratas departed station pm of 04 JUNE 2010 for Port Fourchon
The Brooks McCall departed Port Fourchon pm of 04 June for an ETA of early am Saturday 05 JUNE 0n Station to resume sub-sea sampling.
>>>
Reporting Period: 2200L 04 JUNE – 2200L 05 JUNE 2010:
Injection rate: 6 to 16 gal/min. Injection disrupted 2 times for SIMOPS (1 hour and 12 mins not injected)
Volume: 13,513 gallons (Total Cumulative 284,193 gallons)
The Brooks McCall was on-station since am of 05 JUNE and remains on-station for required sampling.
>>>
Reporting Period: 2200L 05 JUNE – 2200L 06 JUNE 2010:
Injection rate: 9.8 gal/min. Injection disrupted 1 times for SIMOPS (0 hour and 45 mins not injected)
Volume: 13,640 gallons (Total Cumulative 317,555 gallons)
The Brooks McCall was on-station since am of 05 JUNE and remains on-station for required sampling.
>>>
Reporting Period: 2200L 06 JUNE – 2200L 07 JUNE 2010:
Injection rate: Average not provided. Injection disrupted 4 times for SIMOPS (3 hours and 28 mins not injected)
Volume: 14,105 gallons (Total Cumulative 331,660 gallons)
>>
The Brooks McCall was on-station beginning am of 05 JUNE and scheduled to depart station pm of 07 JUNE for a return to Port Fourchon. The Ocean Veratas is confirmed on-station am of 08 June conducting the required sampling.
>>>
- 2200 hrs on 6/7/10 to 2200 hrs on 6/8/10:
Injection rate: Average: Not provided. Injection disrupted 6 times (3 hours and 0 mins not injected)
Volume: 14,207 gallons (Total Cumulative 345,867 gallons)
NOTES: The cumulative value was adjusted in today's report update (Wed 09 JUNE) to reflect flow meter calibration issues that occurred between 6/2 and 6/5.
>>>
The Ocean Veratas is confirmed on-station since am of 08 June conducting the required sampling thru Wed and Thurs 9 and 10 June. It is scheduled to depart station pm of 10 June and return to Port Fourchon. The Brooks

McCall is scheduled to transit from Port Fourchon on pm of 10 June, for an ETA on station sampling of early am 11 June.
>>
Period: 2200 hrs on 6/8/10 to 2200 hrs on 6/9/10:
Injection rate: Average not provided. Injection disrupted 1 time for a total of 17 min
Period Volume: 12,521 gallons (Total Cumulative 358,388 gallons)
>>
The Ocean Veratas remains on-station thru pm of 10 June for departure to Port Fourchon. The Brooks McCall is scheduled to depart Port Fourchon pm of 10 June for an on-station ETA of early am 11 June for required sampling.
>>
Period: 2200 hrs on 6/09/10 to 2200 hrs on 6/10/10:
Injection rate: Average not provided.
Injection disrupted 1 time for a total of 10 min
Period Volume: 10,279 gallons (Approx: Total Cumulative* 368,667 gallons)
Note*: Cumulative remains an approximate at this time with a delta of plus or minus approx 10,000 gallons as the flow meter was adjusted and calibrated earlier in the week, and BP engineers are expected to report a revised cumulative due to the calibration issues. The total period volume previously reported 2200L 6/5/10 – 2200L 6/6/10 is expected to be revised as well for the Saturday 12 June 0900L POLREP Update.
>>>
The Ocean Veratas departed station pm of 10 June for Port Fourchon.
The Brooks McCall is on-station since am of 11 June conducting required sampling.
>>>
Saturday 12 June Update: BP sub-sea engineering staff continue to deconflict some previously reported daily totals due to the flow meter calibration reported on an earlier update. When corrected values are obtained, details will be provided.
>>>
Period: 2200 hrs on 6/10/10 to 2200 hrs on 6/11/10:
Injection rate: Average not provided. Injection disrupted 6 times for a total of 2:12 hrs/mins
Period Volume: 9193 gallons (Total Cumulative 378,501 gallons). Sub Sea dispersant cumulative total was adjusted up by 641 gallons. Over 3 days (June 2-4). The Brooks McCall remains on-station for required sampling.

>>

Sunday 13 June Update for: Period from 2200 hrs on 6/11/10 to 2200 hrs on 6/12/10: Injection rate: Average not provided. Injection disrupted numerous times for a total of 12:50 hrs/mins Volume: 4371 gallons (Total Cumulative 382,872 gallons) The Brooks McCall will remain on station thru pm today (Sunday 13 June) for required sampling. The Ocean Veratas is expected on station am 14 June.

The following table documents some recalculated values by BP engineers due to flow meter calibration issues as well as a reported safety excursion that was employed 6/3/10 – 6/5/10, where the volume was increased during that period.

2200L – 2200L Period Dates	Previous Period Total Reported (i.e. numbers reported prior to calibration)	Recalculated Period Total due to flow Meter Calibration	Recalculated Cumulative for Sub-Surface Dispersant Application
5/26/10 – 5/27/10	14,400	14,347	170,440
5/27/10 – 5/28/10	14,040	12,840	183,280
5/28/10 – 5/29/10	14,185	14,185	197,465
5/29/10 – 5/30/10	14,974	14,974	212,439
5/30/10 – 5/31/10	12,948	12,948	225,387
5/31/10 – 6/1/10	13,122	13,122	238,509
6/1/10 – 6/2/10	7,465	7,758	246,267
6/2/10 – 6/3/10	10,241	16,495	262,762
6/3/10 – 6/4/10	13,931	20,651	283,413
6/4/10 – 6/5/10	13,513	21,143	304,556
6/5/10 – 6/6/10	13,640	13,640	318,196
6/6/10 – 6/7/10	14,105	14,105	332,301
6/7/10 – 6/8/10	14,207	14,207	346,508
6/8/10 – 6/9/10	12,521	12,521	359,029
6/9/10 – 6/10/10	10,279	10,279	369,308
6/10/10 – 6/11/10	9,193	9,193	378,501
6/11/10 – 6/12/10	4,371	4,371	382,872

>>>

Monday 14 June Update for: period from 2200 hrs on 6/12/10 to 2200 hrs on 6/13/10: Injection rate: Average not provided. Volume: 9,596 gallons (Total Cumulative 392,468 gallons)
The Ocean Veratas reported ETA for on- station is early am of 14 June to perform required sampling. The Brooks McCall departed station evening of Sunday 13 June for Port Fourchon.

[redacted]

From: [redacted]
Sent: Saturday, June 12, 2010 11:37 AM
To: Lloyd, Anthony CAPT; [redacted]-NOAA; [redacted]; D08-DG-District-IMTWatch; Watson, James RADM; Hanzalik, James CAPT; Landry, Mary RADM; HQS-PF-fldr-NIC HQ Situation Unit; Little, Patrick CAPT; [redacted] Hooper, Thomas CAPT; [redacted]
Subject: MC-252 Sub-Sea Dispersant Daily (0900L) POLREP UPDATE: Saturday 12 JUNE 2010
Attachments: MS Canyon 252-Polrep 12 June 2010.doc

Categories: FYI

FYI & SA - Updates are highlighted in YELLOW since yesterdays update.

Note: The continued purpose of this POLREP is to update on a daily basis the following:

1) Major Start & Stop chronologic events for the Sub-Sea Dispersant Injection since it entered the conditional operational phase, and gallons dispersant injected per reporting period, and cumulative gallons dispersant injected to date.

2) Capture any O/S and Departure stats of monitoring vessels in support of the required monitoring protocols.

Summary of today's update below:
- >>>
- Saturday 12 June Update: BP sub-sea engineering staff continue to deconflict some previously reported daily totals due to the flow meter calibration reported on an earlier update this week. When corrected values are obtained, details will be provided.

- >>

Period: 2200 hrs on 6/10/10 to 2200 hrs on 6/11/10:
Injection rate: Average not provided. Injection disrupted 6 times for a total of 2:12 hrs/mins Period Volume: 9193 gallons (Total Cumulative* 378,501 gallons). Sub Sea dispersant cumulative total was adjusted up by 641 gallons. Over 3 days (June 2-4). The Brooks McCall remains on-station for required sampling.
>>
V/r

[redacted]

Eighth COAST Guard District (drm)
500 Poydras Street, Suite 1330
New Orleans, LA 70130
[redacted]

U.S. COAST GUARD / SITUATION REPORT
Mississippi Canyon 252 Sub-Sea Dispersant Injection Status POLREP

Unified Area Command (Robert, LA)

Subject: **POLREP # 1**
Initial (Update)

Mississippi Canyon 252 Sub-Sea Dispersant Injection Status

Latitude: 28.755286 **Longitude: -88.386402**

To: DIST

From: AREA COMMAND, ROBERT, LOUISIANA

Date: 5/17/2010

Reporting Period: 15 MAY - 11 June, 2010
Update: 0900 12 June 2010

1. Current Activities

1.1 Operations Section (Sub-Sea Dispersant Operations Only)

1.1.1 Narrative

As an emergent strategy, the application of sub-sea dispersants to mitigate the sea surface spreading of oil, has been implemented again (specifically the COREXIT 9500) is being injected into the expelling oil plume at the sea floor at the depth of 5,000 feet (the depth from surface of the MC 252 oil plume) at a rate of approximately 10 gallons per minute.

This is considered as an operational trial of the proof of concept method previously performed for this event in discrete test phases. Currently, BP has authority from the EPA and the Coast Guard per its Dispersant Monitoring Directive for Subsurface Dispersant Application dated 10 May 2010 and modified on 14 MAY 2010 as Addendum 1, to conduct sub-sea dispersant injection of COREXIT 9500. Additionally, stakeholders within the response effort continue to monitor any potential environmental impacts of these operations.

1.1.2 Co-Requisite Vessel Monitoring Requirements

The R/V BROOKS McCALL has been O/S since 5/15/2010, and is required to perform sampling in accordance with the 14 May 2010 Addendum 1 to the Dispersant Monitoring and Assessment Directive of 09 May both of which were signed and approved by FOSC RADM Mary Landry, and [redacted], Director of Superfund Division, EPA Region VI.

A brief summary of testing required to be performed is IAW the Dispersant Monitoring and Assessment Directive is as follows:

PART 1.

Towed Flourometer at 1 meter
LISST Particle Analysis at various intervals from surface to 550 meters
Dissolved Oxygen at various intervals from surface to 550 meters
CTD – Conductivity, Temperature, and depth at various intervals from surface to 550 meters
Water sampling from surface to 550 meters for PAH analysis
Aerial Visual Observation – Weather Permitting

PART 2.

Cast Flourometer – surface to sea floor
LISST Particle Analysis at various intervals from surface to the sea floor
CTD – Conductivity, Temperature, and depth at various intervals from surface to sea floor
Water sampling from surface to 550 meters for PAH analysis
Aerial Visual Observation
Rototox toxicity testing

UV- Fluorescence testing of Dispersant – Parameter Requirements

PART 3.

Type of Dispersant to be used
Rate of Dispersant Injection
Process for monitoring pump rate
Procedures for FOSC to start and stop injection

Note: Key additions to these protocols added on 14 May as requirements by Addendum I are as follow, but are not limited to the following:

- Sampling of dispersant/oil and oily waters must be continued, and in addition, baseline data of water without direct application of dispersant or oil shall also be collected by BP.
- BP Shall allow EPA/NOAA Scientists flexibility within the sampling plan to direct the collection of additional data based on field observations (at times and locations of their choice).
- BP shall use Turner Designs C3 Flourometer (e.g. SMART protocol) to distinguish between oil impacted surface waters and those not impacted by oil.
- BP shall use a CTD rosette package equipped with CDOM Flourometer and 2-way communication wire to ensure that EPA/NOAA scientists can view profile data as the rosette package is deployed to 1500 meters. In addition, the CDT rosette package must be capable of collecting discrete samples in water column using the live feed data system. The requirements must be met within 7 days for the RV Brooks McCall. All other vessels must immediately meet this requirement.
- BP shall deploy LISST from the vessel for continuous sampling of surface waters during transits, in order to provide particle size counts information which potentially distinguishes between dispersed and non-dispersed oil.
- Discrete water samples shall be taken by BP at predetermined depths as specified or directed by EPA/NOAA scientists for UV fluorescences.
- BP shall provide 48 hour advance notice for departure and trip duration timelines to the FOSC and the EPA RRT Co-Chair.
- Data reporting shall be conducted by BP on a daily basis. This reporting shall include a sample tracking table. Data reporting shall be provided by BP to the FOSC and the EPA RRT Co-Chair.

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The Federal On-Scene Coordinator will immediately convene the Regional response Team (RRT) when either of the following conditions are reported:

1. If there is a significant reduction in DO from background to below 2 mg/L; or
2. If EPA's interpretation of the toxicity test reveals excessive exertion of a toxic response. To determine a measurable toxic response, BP must perform a rangefinder test since the collection of the sample will be directly from the toxic plume, and any sample from the plume will likely kill 100% of the test population. Therefore, the rangefinder must first be conducted to determine an order of magnitude dilution that gives a measurable response… EPA and NOAA will interpret the results of toxicity tests to inform determination of a shutdown decision.

1.1.4

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- 14,210 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

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Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring
The vessel is currently expected to stay O/S thru Saturday in order to provide enough time to coordinate assignment and arrival of a relief vessel to support continued sampling and monitoring efforts.

>>>

- 2200 Central 20 MAY continued subsurface dispersant application through 2200 Central 21 MAY
- No disruptions
- 14,440 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>>

Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring
The vessel departed station at dusk to return to port; expected to arrive early on 22 May; restock, unload samples; expected to depart port late 22 May; arrive back on station early 23 May.
FOSC signed BP Request Waiver, allowing continuation of dispersant application without monitoring vessel present from Friday evening to Sunday morning.

>>
- 2200 Central 21 MAY continued subsurface dispersant application through 2200 Central 22 MAY
- No disruptions
- 14,130 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>>

Status of RV BROOKS McCALL:
Receipt of scintillation tubes and glass bottles will enable maintaining full functionality. Vessel completed refit of cable etc. for 'Real Time' CDT analyses with greater flexibility for picking/taking samples, and left Port Fourchon @ 1600h 5/22 and headed for spill site. New crew members briefed and new equipment/supplies stowed.

Trials of new gear initiated en route @ appx. 0200. Resumed progress to spill site where work will focus on the SW (more specifically WSW) quadrant to further characterize new plume. Expect to be at first station around 0800h.

>>>

- 2200 Central 22 MAY continued subsurface dispersant application through 2200 Central 23 MAY
- No disruptions
- 14,712 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>>

Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring

>>>

- 2200 Central 23 MAY continued subsurface dispersant application through 2200 Central 24 MAY
- No disruptions
- 14,440 gallons of COREXIT pumped in this time period.
- Injection is still on-going at time of this POLREP Update

>>>

Status of RV BROOKS McCALL:
VSL was O/S during injection application to perform Sampling & Monitoring

>>

- 2200 Central 24 MAY continued subsurface dispersant application through 2200 Central 25 MAY
- Subsea dispersant injection continued until approximately 2000, then restarted at approximately 0430 on 5/26
- 12,766 gallons of COREXIT pumped in this time period. (143,637 gallons cumulative)

>>

Status of RV Brooks McCall:
- The vessel departed station at dusk to return to port; unload samples

Status of RV Veritas:
- The vessel is in port at Port Fourchon to taken on crew and equipment; expected to depart evening; arrive on station to get sampling by 0800 tomorrow morning.
- Start: 2200 5/25
- Stop: 2200 5/26
- Rate: 10 gpm
- Volume: 11,110 gallons (Total cumulative 155,436 gallons)
- Two disruptions for 21 minutes total.

>>
- 2200 Central 25 MAY continued subsurface dispersant application through 2200 Central 26 MAY
- Two disruptions for 21 minutes total
- 11,110 gallons of COREXIT pumped in this time period. (155,436 gallons cumulative)

>>

Status of RV Brooks McCall:
- At port; depart again on 05/29/10 to sampling station

Status of RV Veritas:
- Arrived at station at 0600 on 05/27; depart from station on 05/29
- >>>
- 2200 Central 26 MAY continued subsurface dispersant application through 2200 Central 27 MAY
- No disruptions
- 14,400 gallons of COREXIT pumped in this time period. (169,836 gallons cumulative)

>>

Status of RV Brooks McCall:
- At port; depart again on 05/29/10 to sampling station

Status of RV Veritas:
- On station collecting samples; depart from station on 05/29
- >>>
- 2200 Central 27 MAY continued subsurface dispersant application through 2200 Central 28 MAY
- No disruptions
- 14,040 gallons of COREXIT pumped in this time period. (183,832 gallons cumulative)

>>

Status of RV Brooks McCall:
- At port; depart again on 05/29/10 to sampling station

Status of RV Veritas:
- On station collecting samples; depart from station on 05/29
- >>>
- 2200 Central 29 MAY continued subsurface dispersant application through 2200 Central 30 MAY
- No disruptions
- 14,974 gallons of COREXIT pumped in this time period. (212,991 gallons cumulative)

>>

Status of RV Brooks McCall:
- Left port evening 05/29; on station 05/30 to begin sampling

Status of RV Veritas:
- Left station evening 05/29; at port 05/30
- >>>
- 2200 Central 30 MAY continued subsurface dispersant application through 2200 Central 31 MAY
- Rate: 10 gpm
- Volume: 12,948 gallons (Total Cumulative- 225,408 gallons)
- Disruptions: No disruptions reported.
- >>>
- The following represents a brief synopsis of vessel sampling activity:
- The Brooks-McCall was on station sampling from 30 MAY thru and including 01 JUNE, but will depart pm of 01 JUN; the Ocean-Veritas will depart Port Fourchon, LA, pm of 01 June, and be O/S to resume sampling at approx 0800L on 02 JUNE.

>>>
>

- 2200 Central 31 MAY thru 1920 Central 01 JUNE, continued subsurface dispersant application
- Rate: 10 gpm
- Volume: 13,122 gallons (Total Cumulative- 238,530 gallons)
- Disruptions: Sub-Sea Injection of Dispersant was stopped at 1920 hours.
- >>>
- The following represents a brief synopsis of vessel sampling activity:
- The Ocean-Veritas is expected O/S to resume sampling at approx 0900L on 02 JUNE.
- >>
- Reporting Period 2200L 01 JUNE – 2200 02 JUNE:
  Injection rate: 5 to 20 gal/min. Injection disrupted 7 times for SIMOPS (12 hours and 24 mins not injected)
- Volume: 7,465 gallons (Total Cumulative thru 2200L 02 JUN: 245,975 gallons)
- The Ocean-Veritas remains O/S this reporting period.
- >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
- Reporting Period 2200L 02 JUNE – 2200 03 JUNE:
  Injection rate: 8 to 14 gal/min. Injection disrupted 2 times for SIMOPS (6 hours and 33 mins not injected)
- Volume: 10,241 gallons (Total Cumulative 256,216 gallons)
- >>>
- The Ocean-Veritas remains O/S today (Friday 04 June).
- >>
- Reporting Period: 2200L 03 JUNE – 2200L 04 JUNE 2010:
- Sub-Sea Dispersant Injection continues
- On 6/4/10 Injection rate 9 – 14 gallons per minute
- Injection disrupted 2 times for SIMOPS
- (0 hours and 55 minutes not injected)
- Volume: 13,931 gallons this period
- (TOTAL Cumulative: 270,668 gallons)
- >>
- The Ocean Veratas departed station pm of 04 JUNE 2010 for Port Fourchon
- The Brooks McCall departed Port Fourchon pm of 04 June for an ETA of early am Saturday 05 JUNE On Station to resume sub-sea sampling.
- >>
- Reporting Period: 2200L 04 JUNE – 2200L 05 JUNE 2010:
- Injection rate: 6 to 16 gal/min. Injection disrupted 2 times for SIMOPS (1 hour and 12 mins not injected)
  Volume: 13,513 gallons (Total Cumulative 284,193 gallons)
- The Brooks McCall was on-station since am of 05 JUNE and remains on-station for required sampling.
- >>>
  Reporting Period: 2200L 05 JUNE – 2200L 06 JUNE 2010:
- Injection rate: 9.8 gal/min. Injection disrupted 1 times for SIMOPS (0 hour and 45 mins not injected)
  Volume: 13,640 gallons (Total Cumulative 317,555 gallons)
- The Brooks McCall was on-station since am of 05 JUNE and remains on-station for required sampling.
- >>>
  Reporting Period: 2200L 06 JUNE – 2200L 07 JUNE 2010:
- Injection rate: Average not provided. Injection disrupted 4 times for SIMOPS (3 hours and 28 mins not injected)
  Volume: 14,105 gallons (Total Cumulative 331,660 gallons)
- >>
- The Brooks McCall was on-station beginning am of 05 JUNE and scheduled to depart station pm of 07 JUNE for a return to Port Fourchon. The Ocean Veratas is confirmed on-station am of 08 June conducting the required sampling.

>>>
- 2200 hrs on 6/7/10 to 2200 hrs on 6/8/10:
- Injection rate: Average: Not provided. Injection disrupted 6 times (3 hours and 0 mins not injected)
- Volume: 14,207 gallons (Total Cumulative 345,867 gallons)
- NOTES: The cumulative value was adjusted in today's report update (Wed 09 JUNE) to reflect flow meter calibration issues that occurred between 6/2 and 6/5.

>>>

- The Ocean Veratas is confirmed on-station since am of 08 June conducting the required sampling thru Wed and Thurs 9 and 10 June. It is scheduled to depart station pm of 10 June and return to Port Fourchon. The Brooks McCall is scheduled to transit from Port Fourchon on pm of 10 June, for an ETA on station sampling of early am 11 June.
- >>>
- Period: 2200 hrs on 6/8/10 to 2200 hrs on 6/9/10:
- Injection rate: Average not provided. Injection disrupted 1 time for a total of 17 min
- Period Volume: 12,521 gallons (Total Cumulative 358,388 gallons)
- >>>
- The Ocean Veratas remains on-station thru pm of 10 June for departure to Port Fourchon. The Brooks McCall is scheduled to depart Port Fourchon pm of 10 June for an on-station ETA of early am 11 June for required sampling.
- >>>
  Period: 2200 hrs on 6/09/10 to 2200 hrs on 6/10/10:
  Injection rate: Average not provided.
  Injection disrupted 1 time for a total of 10 min
- Period Volume: 10,279 gallons (Approx: Total Cumulative* 368,667 gallons)
- Note*: Cumulative remains an approximate at this time with a delta of plus or minus approx 10,000 gallons as the flow meter was adjusted and calibrated earlier in the week, and BP engineers are expected to report a revised cumulative due to the calibration issues. The total period volume previously reported 2200L 6/5/10 – 2200L 6/6/10 is expected to be revised as well for the Saturday 12 June 0900L POLREP Update.
- >>
- The Ocean Veratas departed station pm of 10 June for Port Fourchon.
- The Brooks McCall is on-station since am of 11 June conducting required sampling.
- >>
- Saturday 12 June Update: BP sub-sea engineering staff continue to deconflict some previously reported daily totals due to the flow meter calibration reported on an earlier update. When corrected values are obtained, details will be provided.
- >>
  Period: 2200 hrs on 6/10/10 to 2200 hrs on 6/11/10:
  Injection rate: Average not provided. Injection disrupted 6 times for a total of 2:12 hrs/mins
  Period Volume: 9193 gallons (Total Cumulative 378,501 gallons). Sub Sea dispersant cumulative total was adjusted up by 641 gallons. Over 3 days (June 2-4). The Brooks McCall remains on-station for required sampling.