

**Greetings All** :- Guidance for Monday, August 30th

Jon Fajans is now running the mission guidance calls and providing guidance with input from the OSAT and JAG.

Notes from the 3pm CDT call:

**American Diver** heading out Sunday afternoon to meet up with HOS Davis to work in tandem.

**Brooks McCall** heading out to sample stations listed below.

**Cape Hatteras** will continue working in the same area conducting high res. mapping and CTD casts.

**HOS Davis** leaving 1600 Sunday to begin transect along S3 line from T3-T9 working with American Diver. Conducting ROV and Holocam ops.

**Oceanus** Weather conditions have improved-- it's now calm and sunny, with high cloud cover. Before getting sidetracked by the engine problems, they were working to the W along 26°54.6'N from a station at 90°25.2'W. They found a clear O2 sag associated with transmittance minima and a modest cdom peak, but little CH4 or other gases.

**Pisces** Conducted a north south transect at T20. S8 wk sig, S10 wk sig, S12 no sig, S14 wk sig. Proceeding to T19S12 to sample E then doing north south at T10S12.

The updated depiction of the DO sag / depression (interpreted as an impact of the subsurface dispersed oil) is shown below as figure 1. 11 stations have been added since yesterday. Figure 2 is the new expanded grid map. Figure 3 is a depiction of general location of the ships that are underway tomorrow.

#### SPECIFIC VESSEL GUIDANCE

##### **Brooks McCall**

Sampling Location	Latitude	Longitude
Transect 9 Station 9	26.664028	89.173369
Transect 9 Station 10	26.551814	89.089494
Transect 10 Station 18	26.824622	89.576531
Transect 10 Station 17	26.912728	89.597856
Transect 10 Station 16	27.000836	89.619208

Be safe and have a good evening,

jon

Map Date: 29-August-2010

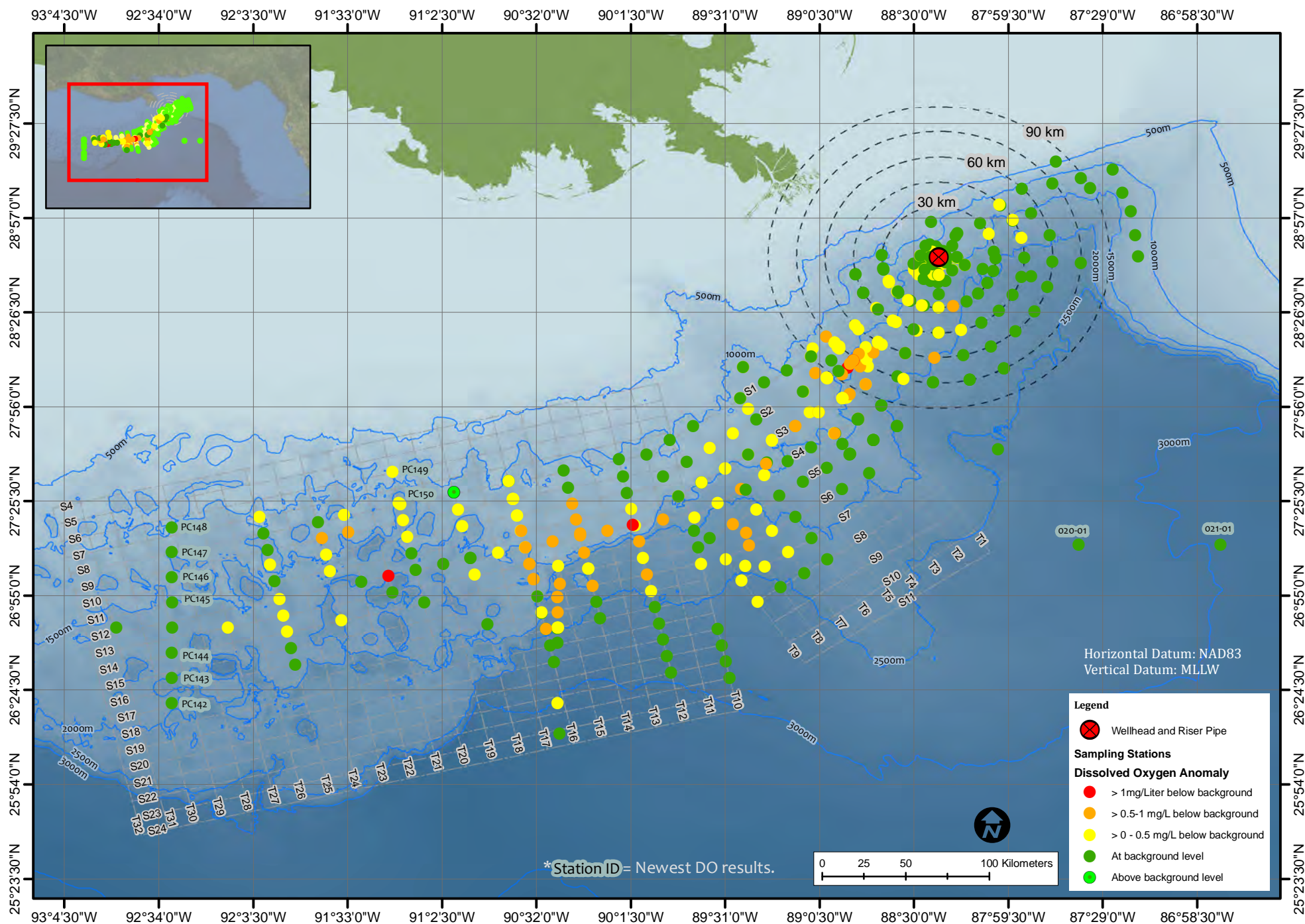
# Dissolved Oxygen Results 1000 - 1500 Meter Depths

Mission Guidance



Data Cumulative from 03 Aug to 28 Aug, 2010

Deepwater Horizon Response, Gulf of Mexico



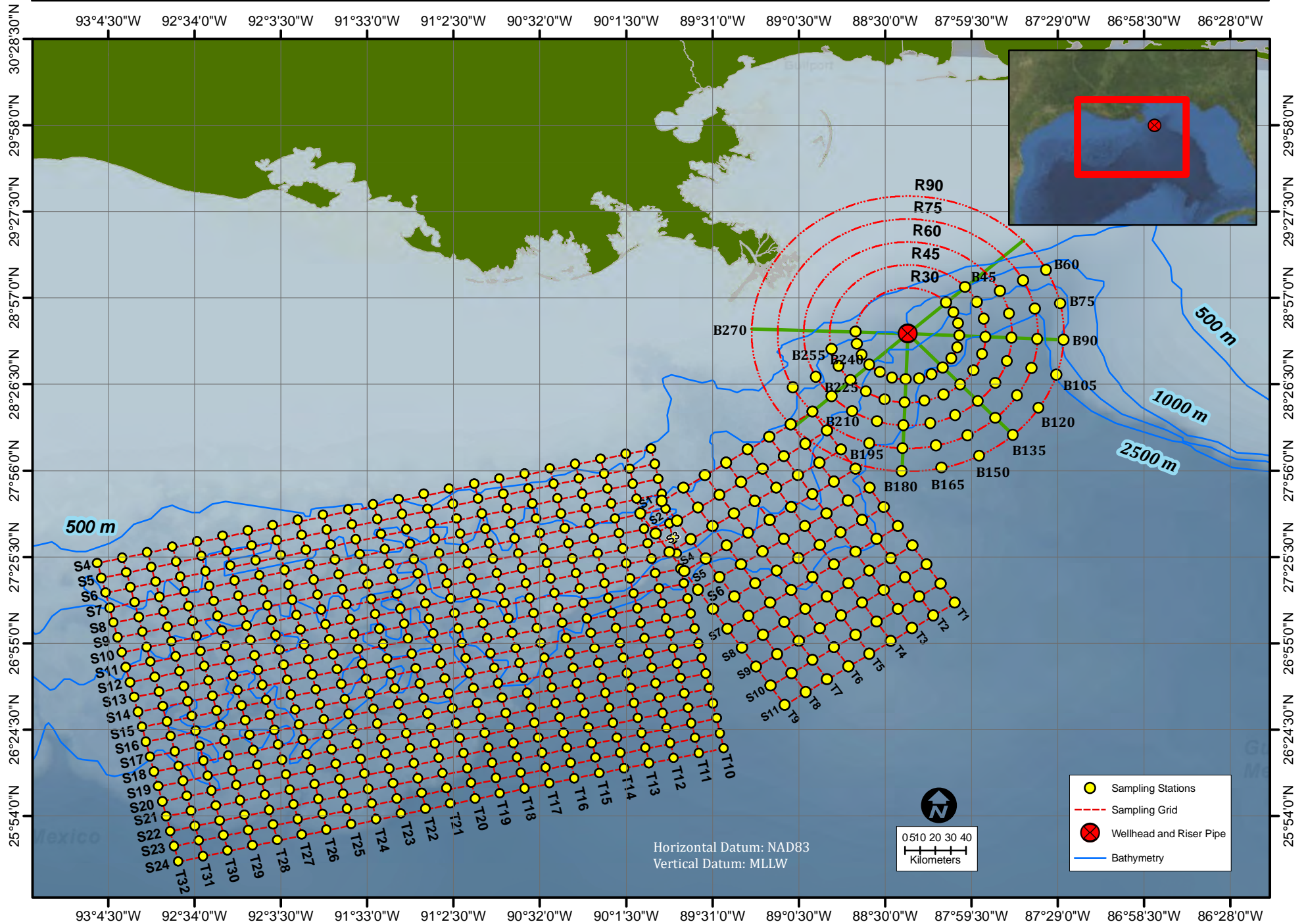
Date: 28-August-2010

# Subsurface Monitoring: Mission Guidance



## Mission Guidance

## Deepwater Horizon Response, Gulf of Mexico





Date: 29-August-2010

# Subsurface Monitoring: Mission Guidance



## Mission Guidance

## Deepwater Horizon Response, Gulf of Mexico

