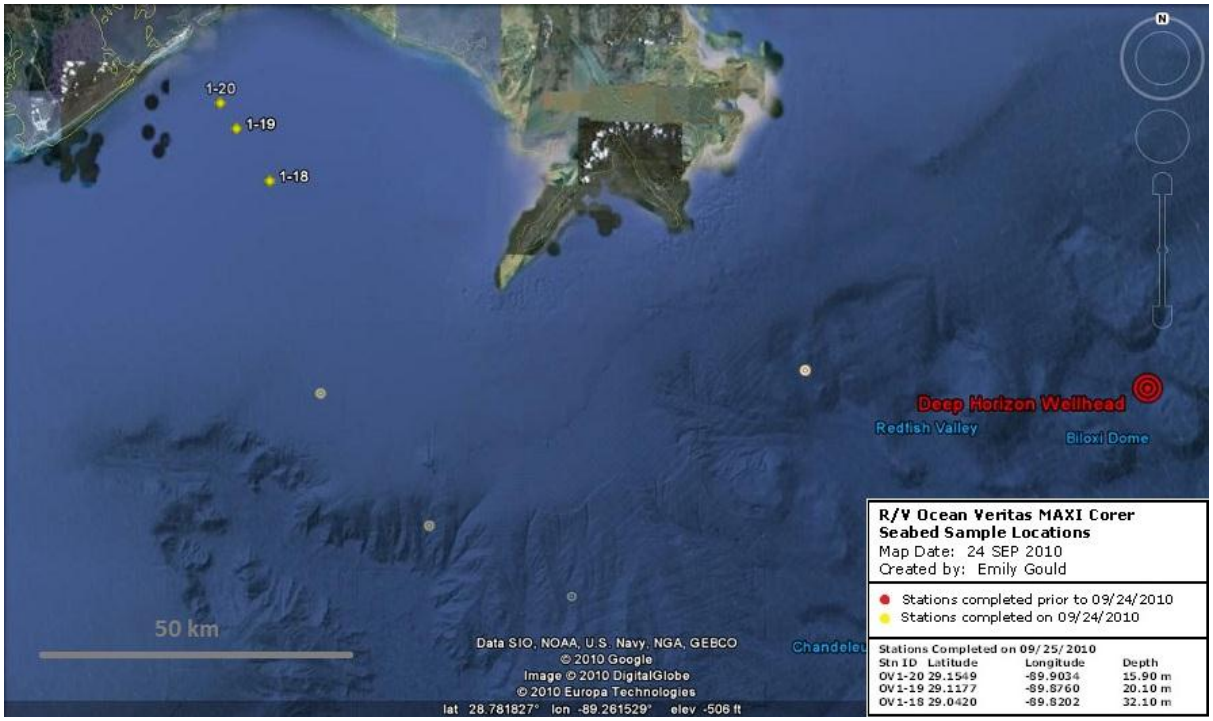
Seabed Sampling and Baited Camera Operations	
Vessel	R/V Ocean Veritas
Summary Report Number	01
Operating equipment	MAXI Corer (8 core unit)
Date	24 September 2010
Completed casts (12 hr)	3
Report compiled by	Brian Critchley/Emily Gould

Seabed Sampling Locations



All cores were processed and stored in accordance with SOPGY01. GC/MS and toxicology testing was conducted offshore. Samples were prepared and stored for hydrocarbon, trace metal, BTEX, grainsize, total inorganic carbon, total organic carbon, meiofauna, macrofauna and microbiology testing and analysis onshore.

Station 1-20

Lat: 29.1549
Long: -89.9034
Cores recovered: 7 out of 8

Supernatant water
Visible contamination: None
Olfactible contamination: None
Toxicology: tested using an Azur Microtox 500 water purity monitoring system which measures the bioluminescence inhibition of the bacteria Vibrio fischeri after sample exposure at various sample concentrations. Unreliable results in discovering bacteria dead.

Sediment
Visible contamination: None
Olfactible contamination: None
Description: Approx 10cm very soft olive/brown silty clay, gradual transition to 35cm soft olive/brown clay. Top 0-3 cm not examined as given to GC/MS for analysis.
Gas Chromatography & Mass Spectroscopy: The top 3cm of sediment core was sampled and analysed for EPA priority pollutant PAHs and Corexit 9500 dispersant. The sample was also screened for the source oil fingerprint. None of the target analytes were detected. No source oil was detected.

Station 1-19

Lat: 29.1177
Long: -89.8760
Cores recovered: 7 out of 8

Supernatant water
Visible contamination: None
Olfactible contamination: None
Toxicology: tested using an Azur Microtox 500 water purity monitoring system which measures the bioluminescence inhibition of the bacteria Vibrio fischeri after sample exposure at various sample concentrations. Unreliable results in discovering bacteria dead.

Sediment
Visible contamination: None
Olfactible contamination: None
Description: Approx 30cm very soft olive/brown silty clay, gradual transition to 20cm soft olive/brown clay. Top 0-3 cm not examined as given to GC/MS for analysis.
Gas Chromatography & Mass Spectroscopy: The top 3cm of sediment core was sampled and analysed for EPA priority pollutant PAHs and Corexit 9500 dispersant. The sample was also screened for the source oil fingerprint. None of the target analytes were detected. No source oil was detected.

Station 1-18

Lat: 29.0420
Long: -89.8202
Cores recovered: 8 out of 8

Supernatant water
Visible contamination: None
Olfactible contamination: None
Toxicology: tested using an Azur Microtox 500 water purity monitoring system which measures the bioluminescence inhibition of the bacteria Vibrio fischeri after sample exposure at various sample concentrations. Unreliable results in discovering bacteria dead.

Sediment
Visible contamination: None
Olfactible contamination: None
Description: Approx 5cm very soft olive/brown silty clay, gradual transition to 45cm soft olive/brown clay. Top 0-3 cm not examined as given to GC/MS for analysis.
Gas Chromatography & Mass Spectroscopy: The top 3cm of sediment core was sampled and analysed for EPA priority pollutant PAHs and Corexit 9500 dispersant. The sample was also screened for the source oil fingerprint. None of the target analytes were detected. No source oil was detected.