Henry B. Bigelow Cruise HB-10-06 Daily Report

Period covered: 0000 hrs 08/08/2010- 2400 hrs 08/08/2010

# Vessel science party:

|  |  |  |
| --- | --- | --- |
| Name | Position | Email/Phone |
| Jon HarePaul WallineJim Burkitt\*Vince GuidaNick Mitchell\*Tamara Holzwarth-DavisBetsy BroughtonAshok DeshpandeLauren RidleyLiza BaskinDavid GravesDoug AlveyRegina EasleyChristopher Sumner | Chief ScientistAcoustic LeadAcousticsAcousticsAcousticsCTDCTDChemistry LeadChemsitryChemistry dOSMU Data ManagerSMU IHNRDA Sample RepBP/Entrix | jon.hare@noaa.govpaul.walline@noaa.govjames.w.burkitt@noaa.gvVincent.guide@noaa.govnickolas.mitchell@noaa.govtamara.holzwarth-davis@noaa.govElisabeth.broughton@noaa.govAshok.deshpande@noaa.govlauren.ridley@student.shu.edulbaskin@me.comdgraves@consolidatedsafety.comDoug.Alvey@louisberger.comreasley@mail.usf.eduCSumner@entrix.com |
| \* ships crew working on acoustics with science party |

# Daily Operations:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Y | CTD Casts | Y | Sampling – VOA |  | PAH Detection |
| Y | Fluorometry |  | GCMS |  | Biota |
|  | LISST | Y | Acoustics |  | Rototox |
| Y | Sampling – TPH |  | MOCNESS |  | Other: |
|  |

# Cruise notes:

Station map figure 1

Science results and preliminary interpretation:
*Acoustics*

Crossed wellhead 16x; acoustic signal weak but still there; Paul Walline worked on a background correction

#  (please attach any images at end of document)

*Fluorometry and Dissolved Oxygen results*

See data manager report

*Chemistry: GCMS / HAPSITE*

No hydrocarbons in samples

*Microbial analysis (if applicable)*

*Other Observations*

## Operational / Logistical issues:

## Planned activities for next 24 hours:

Conduct acoustic surveys in morning

Continue CTD ops at 10 km around wellhead

Figure 1 – Bigelow CTD stations to date

