Vessel science party:

|  |  |  |
| --- | --- | --- |
| **Name** | **Position** | **Email/Phone** |
| Mary White | Data Manager | loihi@ix.netcom.com |

# Cruise notes:

CTD and water samples taken at Stations 69-01, 69-02, 70-01, 71-01, 72-01 and 73-01.

# Daily Operations:

|  |  |  |
| --- | --- | --- |
| **Data Collection** | **Collected (Y/N)?** | **Comment** |
| CTD Casts | Y |  |
| Fluorometry |  |  |
| LISST | N |  |
| Dissolved Oxygen | Y |  |
| Sampling – TPH | Y |  |
| Sampling – VOA | N |  |
| GCMS | N |  |
| Acoustics | N |  |
| MOCNESS | N |  |
| PAH Detection |  |  |
| Biota |  |  |
| Rototox | N |  |
| Other: Methane | Y |  |

# Science results and preliminary interpretations: (please attach any figures/images at end of document)

*Fluorometry and Dissolved Oxygen preliminary results*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| StationID | Distance from  Wellhead (km, bearing) | Fluorescence Signal\* | Signal Depth (m) | DO Comments |
| 069-01 |  |  |  |  |
| 070-01 |  |  |  |  |
| 071-01 |  |  |  |  |
| 072-01 |  | .26 | 83 |  |
| 073-01 |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

\*Use Fluorescence Signal scale from Location Table: No Signal (Background); Very Weak (<= 1 mg/m3);

Weak (> 1 mg/m3 and <= 5 mg/m3); Moderate (>5 mg/m3 and <=15 mg/m3); Strong (> 15 mg/m3)

*Chemistry: GCMS / HAPSITE*

*Microbial analysis (if applicable)*

*Other Observations*

## Operational / Logistical issues:

## Planned activities for next 24 hours:

Heading NE for more sampling. Stations to be decided.