Okeanos Explorer ROV Dive Summary

|  |  |  |
| --- | --- | --- |
| **Site Name** | Sigsbee |  |
| **ROV Lead** | Dave Lovalvo |  |
| **General Area Descriptor** | Northern Gulf of Mexico |  |
| **ROV Dive Name** | Cruise Season | Leg | Dive Number |
|  | EX1202 | 3 | DIVE10 |
| **Equipment Deployed** | ROV: | Little Hercules |
|  | Camera Platform: | Seirios |
| **ROV Measurements** | [x]  CTD | [x]  Depth | [x]  Altitude |
|  | [x]  Scanning Sonar | [x]  USBL Position | [x]  Heading |
|  | [x]  Pitch | [x]  Roll | [x]  HD Camera |
|  | [x]  Low Res Cam 1 | [x]  Low Res Cam 2 |  |
| **Equipment Malfunctions** | N/A |
| **ROV Dive Summary****(From processed ROV data)** |  Dive Summary: EX1202L3\_DIVE10^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^In Water at: 2012-04-24T13:21:46.406000 27°, 08.168' N ; 090°, 28.946' WOut Water at: 2012-04-24T23:05:39.947000 27°, 08.085' N ; 090°, 29.221' WOff Bottom at: 2012-04-24T22:21:17.288000 27°, 07.733' N ; 090°, 29.243' WOn Bottom at: 2012-04-24T14:13:16.149000 27°, 08.358' N ; 090°, 28.906' WDive duration: 9:43:53Bottom Time: 8:8:1Max. depth: 1165.1 m |
| **Special Notes** |  |
| **Scientists Involved*****(please provide name / location / affiliation / email)*** | Jamie Austin (On-board science lead), EX, U. Texas, Austin, jamie@utig.ig.utexas.eduErin Becker, EX, Penn State, erinbeckr@gmail.comTom Weber (Flux work science lead), UNH, UNH CCOM, weber@ccom.unh.eduLarry Mayer, UNH, UNH CCOM, larry@ccom.unh.eduKevin Jerram, UNH, UNH CCOM, kjerram@gmail.comBob Carney, LSU, LSU, rcarne1@lsu.eduMike Vecchione, SI, NOAA/SIBill Kiene, FGBNMS, FGBNMS, william.kiene@noaa.gov |
| **Purpose of the Dive** |
| **Description of the Dive:** |
|   |
| **Overall Map of ROV Dive Area** | **Close-up Map of Main Dive Site** |
|  |  |
|  |  |
| **Representative Photos of the Dive** |
|  |  |
|  |  |
| **Please direct inquiries to:** | NOAA Office of Ocean Exploration & Research1315 East-West Highway (SSMC3 10th Floor)Silver Spring, MD 20910(301) 734-1014 |