Okeanos Explorer ROV Dive Summary

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Site Name** | SWofSigsbee | | | |  | |
| **ROV Lead** | Dave Lovalvo | | | |  | |
| **General Area Descriptor** | Northern Gulf of Mexico | | | |  | |
| **ROV Dive Name** | Cruise Season | | Leg | | | Dive Number |
|  | EX1202 | | 3 | | | DIVE11 |
| **Equipment Deployed** | ROV: | | Little Hercules | | | |
|  | Camera Platform: | | Seirios | | | |
| **ROV Measurements** | CTD | | Depth | | | Altitude |
|  | Scanning Sonar | | USBL Position | | | Heading |
|  | Pitch | | Roll | | | HD Camera |
|  | Low Res Cam 1 | | Low Res Cam 2 | | |  |
| **Equipment Malfunctions** | N/A | | | | | |
| **ROV Dive Summary**  **(From processed ROV data)** | Dive Summary: EX1202L3\_DIVE11  ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^  In Water at: 2012-04-25T13:48:53.920000  26°, 43.115' N ; 090°, 35.482' W  Out Water at: 2012-04-25T23:00:18.670000  26°, 43.277' N ; 090°, 35.465' W  Off Bottom at: 2012-04-25T21:42:30.829000  26°, 43.685' N ; 090°, 35.738' W  On Bottom at: 2012-04-25T15:15:49.784000  26°, 43.224' N ; 090°, 35.502' W  Dive duration: 9:11:24  Bottom Time: 6:26:41  Max. depth: 2094.9 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.edu](mailto:jamie@utig.ig.utexas.edu)  Erin Becker, EX, Penn State, [erinbeckr@gmail.com](mailto:erinbeckr@gmail.com)  Tom Weber (Flux work science lead), UNH, UNH CCOM, [weber@ccom.unh.edu](mailto:weber@ccom.unh.edu)  Larry Mayer, UNH, UNH CCOM, [larry@ccom.unh.edu](mailto:larry@ccom.unh.edu)  Kevin Jerram, UNH, UNH CCOM, [kjerram@gmail.com](mailto:kjerram@gmail.com)  Bob Carney, LSU, LSU, [rcarne1@lsu.edu](mailto:rcarne1@lsu.edu)  Mike Vecchione, SI, NOAA/SI  Bill Kiene, FGBNMS, FGBNMS, [william.kiene@noaa.gov](mailto: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 & Research 1315 East-West Highway (SSMC3 10th Floor)  Silver Spring, MD 20910  (301) 734-1014 | | | | |