Okeanos Explorer ROV Dive Summary

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| **Site Name** | Pgula Salt Dome (Grid Experiment) |  |
| **ROV Lead** | Dave Lovalvo |  |
| **General Area Descriptor** | Northern Gulf of Mexico |  |
| **ROV Dive Name** | Cruise Season | Leg | Dive Number |
|  | EX1202 | 3 | DIVE05 |
| **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\_DIVE05^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^In Water at: 2012-04-17T13:28:53.966000 28°, 58.702' N ; 088°, 01.842' WOut Water at: 2012-04-17T17:27:13.189000 28°, 58.583' N ; 088°, 01.500' WOff Bottom at: 2012-04-17T16:44:00.891000 28°, 58.697' N ; 088°, 01.814' WOn Bottom at: 2012-04-17T14:14:54.626000 28°, 58.687' N ; 088°, 01.824' WDive duration: 3:58:19Bottom Time: 2:29:6Max. depth: 1124.1 m  |
| **Special Notes** | ROV setup in “methane grid” configuration. |
| **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** |
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| **Representative Photos of the Dive** |
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| **Please direct inquiries to:** | NOAA Office of Ocean Exploration & Research1315 East-West Highway (SSMC3 10th Floor)Silver Spring, MD 20910(301) 734-1014 |