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** | 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\_DIVE05  ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^  In Water at: 2012-04-17T13:28:53.966000  28°, 58.702' N ; 088°, 01.842' W  Out Water at: 2012-04-17T17:27:13.189000  28°, 58.583' N ; 088°, 01.500' W  Off Bottom at: 2012-04-17T16:44:00.891000  28°, 58.697' N ; 088°, 01.814' W  On Bottom at: 2012-04-17T14:14:54.626000  28°, 58.687' N ; 088°, 01.824' W  Dive duration: 3:58:19  Bottom Time: 2:29:6  Max. 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.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:** | | | | | | |
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| **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 & Research 1315 East-West Highway (SSMC3 10th Floor)  Silver Spring, MD 20910  (301) 734-1014 | | | | |