# *Chikyu* DAILY MORNING REPORT

**Mission No. :** CK13-04 **Exp. No. :** Exp 348 **Report No. :** 135

**Site Name :** C0002 **Hole Name :** C0002P **Lat.** 33° 18.0507'N **Long.** 136° 38.2029'E **Report Date :** 26/Jan/2014

Depth : @24:00 **4932** mBRT **2964.5** mbsf (14.5") Progress : m Seabed Depth : **1,967.5** mBRT RT-MSL : **28.5** m

Depth : @06:00 **4932** mBRT **2964.5** mbsf (14.5") Drilling/Coring/Underreaming Hrs. : **0.00** hrs LAST CASING : **11-3/4" liner** x **2,922.50** mbsf( 4,890.0 mBRT)

Summary of Operation on **25-Jan** : Recover riser and BOP, recover transponders.

Present Operation @ 06:00 on **26-Jan** : Securing coflex hose onto PTS.

mBRT: meter below rotary table

mbsf: meter below sea floor

Time Breakdown ( 00:00 - 24:00 on **25-Jan** )

| From | To | Hrs | Code | Detail of Operation |
|---|---|---|---|---|
| 0:00 | 12:00 | 12:00 | BOPE | Continue recovering riser. |
| | | | | (0:00-6:15) Lay out #16-1 Red buoyant joints. |
| | | | | (6:15-11:55) Lay out #10-2 slick joints. |
| | | | | Remove #5 and 6 SVDLs on #10 and 3 slick joints. |
| 12:00 | 13:00 | 1:00 | BOPE | Remove fairing platform with tagger. Skid BOP cart. |
| 13:00 | 13:30 | 0:30 | BOPE | Continue recovering riser. |
| | | | | (13:00-13:30) Lay out #1 slick joint. |
| | | | | Remove #7 SVDL on #1 slick joint. |
| 13:30 | 15:00 | 1:30 | BOPE(other) | Remove removable deck. Pick up and move SVDL cable reels from moonpool to middle pipe rack. |
| 15:00 | 19:30 | 4:30 | BOPE | Recover BOP. |
| | | | | (15:00-17:00) Pick up BOP above sea level. Skid working and BOP cart. Set and secure BOP on BOP cart. |
| | | | | (17:00-19:30) Disconnect centralizer and 30ft joints from BOP. Skid BOP cart with BOP to AFT side. |
| | | | | Meanwhile, vessel move to C0002 site with 2.5knot after confirming BOP set on BOP cart. |
| 19:30 | 20:45 | 1:15 | BOPE | Move BOP on test stump. Install removable deck. |
| 20:45 | 21:45 | 1:00 | BOPE | Lay out 30ft pup joint and centralizer joint. |
| | | | | Meanwhile, set moonpool hose saddle on auxiliary well with #2 Hydraracker. |
| 21:45 | 24:00 | 2:15 | BOPE | Rig down riser handling tool. |
| | | | | Remove spider and gimbal. Install master bushing. |
| | | | | Remove Guide head on #1 Hydraracker. |
| | | | | **ROV:** |
| | | | | (19:25-20:00) Dive to 50m. ROV camera had communication failure (Fiber condition - OK). Recover to surface. |
| | | | | (20:00-21:45) Check ROV camera condition - OK. |
| | | | | (21:45-24:00) Dive and recover transponder #11 @ 22:54, #10 @ 23:29, #10 @ 22:45, 9 @ 23:29. |
| | | | | **Note:** |
| | | | | MPI on leaking goose neck, found crack on weldment. |
| | | | | Shincho-maru departed to Shingu at 4:00 w/ WL equipment (Unit, AHC), ROV glycol skid, etc. |
| | | | | Transfer 130m3 waste mud to Kaiko. |
| | | | | Sea current: Chikyu 0.5-2.0 knot. |

Time Breakdown (00:00 - 06:00 on **26-Jan** ) * The data on 00:00 - 06:00 is unofficial.

| From | To | Hrs | Code | Detail of Operation |
|---|---|---|---|---|
| 0:00 | 6:00 | 6:00 | Other | Remove 4 coflex hoses from moonpool working cart through Aux well and secure onto hose saddle and PTS |
| | | | | **ROV:** |
| | | | | (0:001:00) Recover transponders: , #8 @ 0:50. |
| | | | | (1:00-1:45) Recover ROV |
| | | | | (1:45-2:15) Service ROV on surface. |
| | | | | (2:15-3:00) Dive to 1920mBRT |
| | | | | (3:00-6:00) Recover transponders: #7 @ 3:18, #6 @ 4:00, #5 @ 4:52, #4 @ 5:45. |
| | | | | **Note:** |
| | | | | Sea current: Chikyu 1.88knot @6:00. |

Bit Record

| Bit No. | Size (in) | MFR | Type | IADC Code | S/No. | Nozzles | Depth (mBRT) From | Depth (mBRT) To | Meter-age | Hrs. | WOB (kN) Min. | WOB (kN) Max. | rpm Min. | rpm Max. | Total Rev. (kern) | Dull Condition Inner | Outer | Dull | Loc. | B | G | O.D. | RP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | |

BHA Record

Hook Wt. (kN) @ mBRT

| | |
|---|---|
| Hook + Riser R/T | 580 |
| Hook block | 315 |

Jar Rotating time S/N: -

Today - Total - hrs

Cutting skip @24:00

| Empty | Full | Total |
|---|---|---|
| 3 | 0 | 3 |

Mud Properties

| Mud Type | Time | Depth (mBRT) | MW | VIS | PV | YV | Gel St. (10", 10') | WL | Cake | pH | Pf | Cl- | Sand | Oil | Solid | MBC | Temp. In | Temp. Out | K+ | n | K | LGS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | |

Mud Pumps : 14-P-220 @ 0.0 mBRT 5.00 gallon/stroke @97%

| No. | Liner Size | SPM | GPM | Press. (MPa) | Ann. Vel. (m/min) DC | Ann. Vel. (m/min) DP |
|---|---|---|---|---|---|---|
| 1 | 6" | | | | | |
| 2 | 6" | 0 | 0 | 0.0 | 0 | 0 |
| 3 | 6" | | | | | |

Personnel @24:00

| | |
|---|---|
| CDEX | 6 |
| MQJ Crew | 97 |
| MQJ (SC,Other) | 1 |
| MQJ (Sub sea & Hyd) | 2 |
| MWJ | 15 |
| Scientist | 0 |
| | |
| Telnite | 0 |
| Oceaneering | 6 |
| Schlumberger-CMT | 0 |
| SLB WL | 1 |
| Geoservice | 0 |
| Vetco | 0 |
| Weatherford (CSG) | 0 |
| MI-Swaco | 0 |
| NOV Anderreamer | 0 |
| Baker (Liner Hanger) | 0 |
| Shinsei kougyo | 6 |
| | |
| Total | 134 |

Mud Materials on Board @24:00hrs (unit: kg)

| Item | Received | Used | Stock |
|---|---|---|---|
| Barite (Bulk) | | | 66,000 |
| Kunigel-VO (Bulk) | | | 8,400 |
| NaCl | | | 0 |
| KCl | | | 0 |
| Tel-Polymer DX / L / H | | | 3380/1520/1260 |
| XCD-Polymer | | | 0 |
| Soda Ash | | | 1,275 |
| KOH | | | 1,175 |
| Clean Lube | | | 0 |
| Tel Clean | | | 0 |
| Bi-Carbonate | | | 1,000 |
| Lime | | | 1,200 |
| Defoamer 30C | | | 160 |
| Telnite GXL | | | 0 |
| Tel DD | | | 2,400 |
| NaOH | | | 800 |
| Lignite NC | | | (from Exp start ) 1600 |
| Tel Stop G / P | | | 500 / 1000 |
| Tel Mica C / M / F | | | 500 / 1,000 / 1,000 |
| Tel Plug C / M / F | | | 500 / 1,200 / 980 |
| Tan Cal M / F / FF | | | 4230 / 4500 / 0 |
| EZ Spot | | | 550 |
| Speeder P / X | | | 1700 / 1700 |
| Baracor-100 (gal) | | | 0 |
| Astex S | | | 2,400 |
| Treat HS | | | 1,440 |
| Xanvis | | | 1,000 |
| Telnite OS-5 | | | 0 |
| Telnite HEC | | | 0 |

ROV

| | | |
|---|---|---|
| Status | On deck | |
| Last Dive | 1/22/14 | |
| Injection Skid | 0 /0 | gal |

Geologic Information

| From | To | Lithology of cuttings |
|---|---|---|
| | | |

Shale Shaker Centrifuge: hrs

| | | | | | |
|---|---|---|---|---|---|
| No.1 | | No.4 | | No.1 | off |
| No.2 | | No.5 | | No.2 | off |
| No.3 | | No.6 | | No.3 | off |

Materials Stock on Board @24:00

| Item | Unit | Received | Used | Stock |
|---|---|---|---|---|
| Fresh Water | m3 | 139.3 | 78.3 | 61.0 |
| Potable Water | m3 | 0.0 | 6.6 | (6.6) |
| Drill Water | m3 | 0.0 | 3.3 | (3.3) |
| Fuel | m3 | 0.0 | 48.1 | (48.1) |
| Lube, Oil | Ltrs | 0.0 | 0.0 | 0.0 |
| Heli Fuel | Ltrs | 0.0 | 0.0 | 0.0 |
| Cement "GWC" | ton | 0.0 | 0.0 | 0.0 |
| Cement "G" | ton | 0.0 | 0.0 | 0.0 |

Mud Volume (m3)

| | |
|---|---|
| KNPP mud (1.32) | 297 |
| | |
| | |
| | |
| | |
| | |
| total | 297 |

Heli Information

| Flt. No. | Time Arrived | Time Departed | Passenger Are. | Passenger Dept. |
|---|---|---|---|---|
| 1 | 9:12 | 9:54 | 0 | 9 |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |

Safety (HSE) and other information

| | | |
|---|---|---|
| Incident | Last Incident 13/Feb/2013 | No. LTA |
| LTA | | |
| HUNS cards | 18 | |
| Remarks | | |

Boat Information @24:00

| Boat Name | Status | Time @Chikyu Departed | Time @Chikyu Arrived |
|---|---|---|---|
| Kaiko | SW 5miles | - | - |
| Shinchou-maru | to Shingu | 4:00 | - |
| Hakuryu-maru | Evacuate | - | - |

Marine Information @24:00

| | |
|---|---|
| Heave (m) | 0.3 |
| Pitch (deg) | 0.2 |
| Roll (deg) | 0.2 |
| Vessel Heading (deg) | 245 |
| Riser Tension (kN) | - |
| V.D. Load (Moon) | 10247.6 |
| Max Draught (m) | 9.0 |
| Thruster (kW) | 4050 |

Weather Information

| Time | Weather | Temp. (degC) Air | Temp. (degC) SW | Barometer (hPa) | Wind Speed (m/s) | Wind Dir. (deg) | Wind Gust (m/s) | Wave Height (m) | Wave Dir. (deg) | Wave Period (s) | Current Speed(knt) | Current Dir. (deg) | Visibility (km) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24:00 | bc | 17.0 | 17.1 | 1014.9 | 16.9 | 209.0 | 18.7 | 2.2 | 250 | 5.6 | 1.9 | 108 | 22.0 |

Today's Schedule: Recover ROV and cursor rail, move location to 23mile NNW. Cargo work / mud transfer. Preparation for tensioner test.

Reported by : S. Kataoka / T. Yokoyama / S. Yamada

Approved by : T. Saruhashi