# *Chikyu* DAILY MORNING REPORT

**Mission No. :** CK13-04 **Exp. No. :** Exp 348 **Report No. :** 36

**Site Name :** C0002 **Hole Name :** C0002F **Lat.** 33° 18.0507'N **Long.** 136° 38.2029'E **Report Date :** 19/Oct/2013

Depth : @24:00 ____ mBRT ____ mbsf Progress : ____ m Seabed Depth : 1,967.50 mBRT RT-MSL : 28.5 m

Depth : @06:00 ____ mBRT ____ mbsf Drilling/Coring/Jetting Hrs. : 0.00 hrs LAST CASING : 20" x 860.30 mbsf( 2,827.8 mBRT)

Summary of Operation on 18-Oct : Continue recover riser for WOW (typhoon #27).

Present Operation @ 06:00 on 19-Oct : Continue recover riser for WOW (typhoon #27).

mBRT: meter below rotary table

Time Breakdown ( 00:00 - 24:00 on 18-Oct mbsf: meter below sea floor

| From | To | Hrs | Code | Detail of Operation |
|---|---|---|---|---|
| 0:00 | 13:45 | 13:45 | BOPE(WOW) | Continue recover riser. |
| | | | | (00:00-12:30) L/D Green buoyant joint (with riser fairing) #9 - 1. |
| | | | | Remove #2 SVDL on #6 Green buoyant joint. |
| | | | | (12:30-13:45) L/D Blue buoyant joint #8 and #7. |
| 13:45 | 14:45 | 1:00 | RR(N) | Troubleshooting of riser yoke locking system. |
| | | | | Found loose connection of hydraulic hose. Tighten connection and check function - OK. |
| 14:45 | 24:00 | 9:15 | BOPE(WOW) | Resume recover riser. |
| | | | | (14:45-16:50) L/D Blue buoyant joint #6 - 1. |
| | | | | (16:50 - 23:40) L/D Orange buoyant joint #20 - 1. |
| | | | | Remove #3 SVDL on #17 Orange buoyant joint. |
| | | | | (23:40 - 24:00) L/D Red buoyant jonit # 18. |
| | | | | Total recovered riser: 38 joints. |
| | | | | Meanwhile, |
| | | | | (13:14-14:20) Isolate 3C AZ thruster from DPS and check potentiometer of 3C thruster. |
| | | | | 3C AZ thruster back to DPS. |
| | | | | Bottom of LMRP depth : 787mBRT at 24:00. |

Time Breakdown (00:00 - 06:00 on 19-Oct ) * The data on 00:00 - 06:00 is unofficial.

| From | To | Hrs | Code | Detail of Operation |
|---|---|---|---|---|
| 0:00 | 6:00 | 6:00 | BOPE(WOW) | Continue recover riser. |
| | | | | (0:00 - 6:00) L/D Red buoyant joint #17 - #6. |
| | | | | Remove #4 SVDL on #17 red buoyancy joint. |
| | | | | Bottom of LMRP depth: 465.3mBRT at 6:00. |

Bit Record

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

BHA Record

| | | |
|---|---|---|
| | | |

Hook Wt. (kN) @ mBRT

| | |
|---|---|
| | |
| | |
| | |
| | |
| | |
| Hook block & Riser R/T | 530 |
| Hook block | 460 |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | |

Cutting skip @24:00

| Empty | Full | Total |
|---|---|---|
| 45 | 0 | 45 |

Mud Pumps : 14-P-220 @ 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 |
| 3 | 6" | | | | | |

Personnel @24:00

| | |
|---|---|
| CDEX | 7 |
| MQJ Crew | 97 |
| MQJ (SC,Other) | 1 |
| MQJ (Sub sea & Hyd) | 4 |
| MWJ | 15 |
| | |
| | |
| Oceaneering | 6 |
| Schlumberger-CMT | 1 |
| SLB WL | 0 |
| Shinsei kougyo | 5 |
| SES | 0 |
| Geoservice | 4 |
| Vetco | 1 |
| Halliburton-LWD | 2 |
| Halliburton-DD | 2 |
| Weatherford | 0 |
| MI-Swaco | 4 |
| | |
| | |
| | |
| Total | 149 |

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

| Item | Received | Used | Stock |
|---|---|---|---|
| Barite (Bulk) | 0 | 0 | 237,860 |
| Kunigel-VO (Bulk) | 0 | 0 | 12,000 |
| NaOH | 0 | 0 | 800 |
| Lime | 0 | 0 | 1,240 |
| NaCl | 0 | 0 | 48,000 |
| KCl | 0 | 0 | 36,000 |
| Tel-Polymer DX / L / H | 0/0/0 | 0/0/0 | 6760 / 4380 / 2060 |
| XCD-Polymer | 0 | 0 | 2,625 |
| Soda Ash | 0 | 0 | 1,975 |
| KOH | 0 | 0 | 2,500 |
| Bi-Carbonate | 0 | 0 | 1,000 |
| Clean Lube | 0 | 0 | 24,800 |
| Tel DD | 0 | 0 | 3,200 |
| Lignate NC | 0 | 0 | 2,000 |
| Astex S | 0 | 0 | 0 |
| Treat HS | 0 | 0 | 0 |
| Defoamer 30C | 0 | 0 | 208 |
| Telnite GXL | 0 | 0 | 54 |
| Tel Clean | 0 | 0 | 4,800 |
| Baracor-100 (gal) | 0 | 0 | 0 |
| Tel Stop G / P | 0 / 0 | 0 | 500 / 1000 |
| Tel Mica C / M / F | 0 / 0 / 0 | 0 | 500 /500 / 1000 |
| Tel Plug C / M / F | 0 / 0/ 0 | 0 | 500 /500 / 1000 |
| Tan Cal M / F | 0 / 0 | 0 | 1920 / 1920 |
| EZ Spot | 0 | 0 | 550 |
| Speeder P / X | 0 / 0 | 0 | 1700 / 1700 |
| Rester | 0 | 0 | 0 |
| Telnite OS-5 | 0 | 0 | 0 |
| Telnite HEC | 0 | 0 | 0 |

ROV

| Status | Standby |
|---|---|
| Last Dive | 2013/10/16 |
| Injection Skid | 135 /135 gal |

Geologic Information

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

Heli Information

| Flt. No. | Time Arrived | Time Departed | Passenger Are. | Passenger Dept. |
|---|---|---|---|---|
| 1 | 11:14 | 11:25 | 6 | 9 |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |

Shale Shaker Centrifuge: hrs

| | | | | | |
|---|---|---|---|---|---|
| No.1 | #20, #110 x 2 | No.4 | #20, #84 x 2 | No.1 | |
| No.2 | #20, #110 x 2 | No.5 | #20, #84 x 2 | No.2 | |
| No.3 | #20, #110 x 2 | No.6 | #20, #84 x 2 | No.3 | |

Safety (HSE) and other information

| | | |
|---|---|---|
| Incident | Last Incident 13/Feb/2013 | No. LTA |
| LTA | | |
| HUNS cards | 23 | |
| Remarks | | |

Materials Stock on Board @24:00

| Item | Unit | Received | Used | Stock |
|---|---|---|---|---|
| Fresh Water | m3 | 93.5 | 87.2 | 318.0 |
| Potable Water | m3 | 0.0 | 5.5 | 253.8 |
| Drill Water | m3 | 0.0 | 0.0 | 1,996.4 |
| Fuel | m3 | 0.0 | 46.7 | 6,802.1 |
| Lube, Oil | Ltrs | 0.0 | 1,900.0 | 101600 |
| Heli Fuel | Ltrs | 0.0 | 0.0 | 0.0 |
| Cement "GWC" | ton | 0.0 | 0.0 | 82.0 |
| Cement "G" | ton | 0.0 | 0.0 | 161.0 |

Marine Information @24:00

| | |
|---|---|
| Heave (m) | 0.5 |
| Pitch (deg) | 0.4 |
| Roll (deg) | 0.2 |
| Vessel Heading (deg) | 100 |
| Riser Tension (kN) | - |
| V.D. Load (Moon) | 15104.6 |
| Max Draught (m) | 9.2 |
| Thruster (kW) | 1200 |

Boat Information @24:00

| Boat Name | Status | Time @Chikyu Departed | Time @Chikyu Arrived |
|---|---|---|---|
| Kaiyu | Chikyu | - | - |
| Shinchou-maru | Shingu | - | - |
| Hakuryu-maru | Evacuate (Katsuura) | 13:00 | - |

Mud Volume (m3)

| | |
|---|---|
| KNPP mud (1.12) | 768 |
| KNPP mud (1.08) | 124 |
| Prehy Gel (1.05) | 12 |
| | |

Well Cost (1,000 Yen)

| | |
|---|---|
| Daily | |
| Cumulative | |

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 | c | 20.5 | 24.5 | 1026.5 | 14.5 | 72.0 | 17.2 | 2.8 | 80 | 7.8 | 0.9 | 85 | 22.0 |

Today's Schedule : Continue recover riser for WOW (typhoon #27). WOW.

Reported by : D. Ikenomoto / T. Yokoyama / S. Kataoka

Approved by : I. Sawada