

Chikyu DAILY MORNING REPORT

Mission No. : **C0021B**

CK12-06

Exp. No. : **Exp 338**

Report No. :

98

Site Name : **C0021** Hole Name : **C0021B** Lat. **33°10.055'N** Long. **136°39.861'E** Report Date : **7/Jan/2013**
 Depth : @24.00 - mBRT - mbsf Progress : **0.00** m Seabed Depth : **2,969.00** mBRT RT-MSL : **28.5** m
 Depth : @06.00 - mBRT - mbsf Drilling/Coring/Jetting Hrs. : **0.00** hrs LAST CASING : x mbsf(- mBRT)
 Summary of Operation on **6-Jan** : Lay out drill pipe. Make up SD-RCB BHA (Connection fitting problem - Cancel to run). Make up HPCS/ESCS BHA and RIH.
 Present Operation to 06.00 on **7-Jan** : Continue RIH. Cut and slip D/L. mBRT: meter below rotary table
 mbsf: meter below sea floor

| Time Breakdown (00.00 - 24.00 on 6-Jan) | | | | | Detail of Operation |
|---|-------|-------|----------|--|---------------------|
| From | To | Hrs | Code | | |
| 0:00 | 15:15 | 15:15 | Other | Lay out drill pipe (0:00-6:00) 6-5/8" UD-165 60jts. (6:00-7:30) 9-1/2" DC 3jts. (7:30-9:30) Knobby Pipe 8jts. (9:30-10:00) Triple stand of 5" DP S-140 (3jts) and 5-1/2" S-150 (15 jts). (11:45-15:15) Triple stand of 5-1/2" DP S-150 (15jts) and Quad stand 5-1/2" DP S-150 (20 jts). - 3 connection is tight, then break by rotary long. Meanwhile, reach vessel to 2mile west from C0021B location at 1:15. Prepare make up SD-RCB BHA. | |
| 15:15 | 19:00 | 3:45 | Other(N) | Make up SD-RCB BHA. Box connection (5-1/2" FH Modified) of Head sub does not fit with other 5-1/2" FH Modified connections. Cancel SD-RCB BHA run. | |
| 19:00 | 24:00 | 5:00 | Trip | Make up and run HPCS/ESCS (without ESCS inner barrel) coring BHA to 1254.7mBRT with drifting. Fill up every 15 stds. (21:45-) Start drifting with 0.5knot. | |

| Time Breakdown (00.00 - 06.00 on 7-Jan) * The data on 00:00 - 06:00 is unofficial. | | | | | Detail of Operation |
|---|------|------|----------|---|---------------------|
| From | To | Hrs | Code | | |
| 0:00 | 3:30 | 3:30 | Trip | Continue RIH to 2930.7mBRT with drifting. (01:45) Reach Vessel to well center of C0021B. | |
| 3:30 | 5:00 | 1:30 | Other(N) | Troubleshoot CMC. Attempt fully stroke out CMC for D/L cut & slip, but stop middle stroke out. | |
| 5:00 | 6:00 | 1:00 | RS | Cut and slip drilling line, on going. | |

| Bit Record | | Depth (mBRT) | | | | | | | | | | Meterage | | Hrs. | | WOB (kN) | | rpm | | Total Rev. (Rev) | | Dull Condition | | | | |
|------------|-----------|--------------|------|-----------|-------|---------|------|----|--|--|--|----------|--|------|------|----------|------|------|-------|------------------|------|----------------|---|---|------|----|
| Bit No. | Size (in) | MFR | Type | IADC Code | S.No. | Nozzles | From | To | | | | | | | Min. | Max. | Min. | Max. | Inner | Outer | Dull | Loc. | B | G | O.D. | RP |
| RR5C | 11.4375 | ULTRERRA | CC3 | S37 | CZ059 | 4 x 16 | | | | | | | | | | | | | | | | | | | | |

BHA Record : HPCS/ESCS : RR5C Core Bit x bit sub x core barrel x Landing sub x Top sub x Head sub x 8-1/2" DC(11) x XO x 5-1/2" DP S-150 (12) x 5" DP S-140 27 stds x 5-1/2" DP S-150
 Hook Wt. (kN) @24.00 : 1251.1 mBRT

| Mud Type | Time | Depth (mBRT) | MW | VIS | PV | YV | Gel St. (10 ¹ , 10 ²) | WL | Cake | pH | PF | Cl- | Sand | Oil | Solid | K+ | LGS | MBC | Temp In | Temp Out | n | K |
|----------|------|--------------|------|-----|----|----|--|----|------|------|----|-----|------|-----|-------|----|-----|-----|---------|----------|------|-------|
| SWG | | PH | 1.04 | 84 | 8 | 40 | 11 ; 12 | | | 11.2 | | | | | | | | | 18 | | 0.22 | 12.00 |
| kill mud | | PH | 1.30 | 73 | 28 | 18 | 5 ; 15 | | | 10.2 | | | | | | | | | 18 | | 0.69 | 0.64 |

| Mud Pumps : 14-P-220 @ 3112.5 mBRT | | | | 4.98 gallon/stroke @97% | |
|------------------------------------|------------|-----|-----|-------------------------|-------------------|
| No. | Liner Size | SPM | GPM | Press. (MPa) | Ann. Vel. (m/min) |
| 1 | 6" | | | DC | DP |
| 2 | 6" | | | | |
| 3 | 6" | | | | |

| Geologic Information | | Personnel @24:00 | | Mud Materials on Board @24:00hrs (unit: kg) | | | |
|----------------------|----|-------------------|------------------------|---|---------|---------|--|
| From | To | Lithology of core | Item | Received | Used | Stock | |
| | | | CEX | 0 | 0 | 0 | |
| | | | MUJ Crew | 96 | 0 | 312,000 | |
| | | | MUJ (other) | 5 | 0 | 18,000 | |
| | | | MUJ (Add subsea E) | 3 | 0 | 1,400 | |
| | | | MWJ | 20 | 0 | 14,000 | |
| | | | Scientist, IODP | 15 | 0/0/0 | 0/0/0 | |
| | | | Teñite | 1 | 0 | 200 | |
| | | | Core-IRM | 5 | 0 | 250 | |
| | | | NLC | 1 | 0 | 1,800 | |
| | | | Clean Lube | 0 | 0 | 6,400 | |
| | | | JAPEX | 1 | 0 | 0 | |
| | | | Schlumberger | 3 | 0 | 0 | |
| | | | K2 Velosi | 2 | 0 | 0 | |
| | | | Cameron | 4 | 0/0 | 160/0 | |
| | | | ModuSpec | 2 | 0 | 0 | |
| | | | MR Inspection | 1 | 0 | 0 | |
| | | | Tel Clean | 0 | 0 | 0 | |
| | | | Baracor-100 (gal) | 0 | 0 | 0 | |
| | | | Tel Stco G / P | 0/0/0 | 0/0/0 | 0/0/0 | |
| | | | Tel Mica C / M / F | 0/0/0 | 0/0/0 | 0/0/0 | |
| | | | Tel Plug C / M / F | 0/0/0 | 0/0/0 | 0/0/0 | |
| | | | Tan Cal C / M / F / FF | 0/0/0/0 | 0/0/0/0 | 0/0/0/0 | |
| | | | Speeder P / X | 0/0 | 0 | 0/0 | |
| | | | Teñite OS-5 | 0 | 0 | 120 | |
| | | | Teñite HEC | 0 | 0 | 0 | |

| Materials Stock on Board @24:00 | | | | Mud Volume (m3) | |
|---------------------------------|------|----------|-------|-----------------|--------------|
| Item | Unit | Received | Used | Stock | Time @Chikyu |
| Fresh Water | m3 | 86.6 | 92.4 | 311.0 | Departed |
| Potable Water | m3 | 0.0 | 5.7 | 174.6 | Arrived |
| Drill Water | m3 | 0.0 | 5.4 | 715.2 | |
| Fuel | m3 | 0.0 | 44.9 | 2,017.1 | |
| Lube Oil | Ltrs | 0.0 | 400.0 | 62,300.0 | |
| Hel Fuel | Ltrs | 0.0 | 0.0 | 800.0 | |
| Cement "G" | ton | 0.0 | 0.0 | 280.0 | |

| Boat Information @24:00 | | | | Mud Volume (m3) | |
|-------------------------|---------------|--------------|---------|-------------------------|----------|
| Boat Name | Status @24:00 | Time @Chikyu | | Item | Received |
| Shinchou-maru | Chikyu | Departed | Arrived | Kill Mud (1.30sg) | 29 |
| Hakuyuu-maru | Shingu | 11:48 | | Dirth Seawater (1.10sg) | 34 |
| | | | | SWG (1.04sg) | 106 |
| | | | | Przly Gel (1.05sg) | 35 |

| Weather Information | | Temp (degC) | | | Barometer | | | Wind | | | Wave | | | Current | | Visibility | |
|---------------------|---------|-------------|------|--------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------|------------|--|
| Time | Weather | Air | SW | (hPa) | Speed (m/s) | Dir. (deg) | Gust (m/s) | Height (m) | Dir. (deg) | Period (s) | Speed(knt) | Dir. (deg) | Speed(knt) | Dir. (deg) | (km) | | |
| 24:00 | bc | 10.0 | 20.7 | 1019.4 | 1.6 | 74.0 | 3.4 | 0.9 | 40 | 7.9 | 2.7 | 94 | 22.0 | | | | |

Today's Schedule : Continue cut & slip drilling line. Cut HPCS core at seabed (2 cores). Drill down 80mbsf. Cut HPCS core.

Reported by : K. Takase / T. Yokoyama / S. Kataoka
 Approved by : T. Saruhashi