Chikyu DAILY MORNING REPORT

Mission No. : CK12-06 **Exp. No. :** Exp 338 **Report No. :** 28

Site Name : C0002 **Hole Name :** C0002F **Lat.** 33° 18.0507'N **Long.** 136° 38.2029'E **Report Date :** 29/Oct/2012

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. : ____ hrs LAST CASING : 20 x 860.30 mbsf

Summary of Operation on **28-Oct** : Rig down riser running equipment. Install HPS. RIH isolation test tool. Pressure test for BOP.

Present Operation to 06:00 on **29-Oct** : Pressure test for BOP.

mBRT: meter below rotary table

mbsf: meter below sea floor

Time Breakdown (00:00 - 24:00 on **28-Oct**

From	To	Hrs	Code	Detail of Operation
0:00	1:00	1:00	Other	Continue rig down riser running equipment.
				Rig down Riser Guide Head
1:00	3:00	2:00	Other	Move HPS and connect travelling block.
3:00	5:15	2:15	Other	Tighten T-piece on stand manifold for LWD pressure reading.
5:15	13:30	8:15	BOPE(Trip)	Make up and RIH BOP isolation test tool assembly and RIH same to 1946.58m.
				Break circulation 1 string volume @1946.58mBRT, 200spm x 7.8MPa. Cleaning 3 times landing point of BOP isolation tool.
13:30	14:30	1:00	BOPE(Trip)	Lower the assembly and Landing BOP isolation tool @2039.4mBRT with 20kN. Turn right (one rotate), torque increase to 2.1kN-m.
14:30	19:00	4:30	BOPE	Conduct Function test of BOP.
				Blue and yellow Pod "OK" (without upper annular with yellow pod due to failure of subsea solenoid valve).
19:00	21:30	2:30	BOPE(N)	Pressure test for BOP.
				Slack off 60kN. Close lower pipe ram. Pump seawater with CMTG pump, leak from HPS. Open lower pipe ram.
				Re-set BOP isolation tool, slack off 100kN. Turn right (one rotate), torque increase to 6.2kN-m.
				Start pumping with CMTG pump, leakage from stand pipe manifold.
21:30	22:45	1:15	BOPE(N)	Troubleshoot leakage from stand pipe manifold, change over for pressure test line from CMTG to choke manifold.
				Pressure test of kill line, 300psi x 5min "OK".
22:45	24:00	1:15	BOPE (N)	Resume pressure test of BOP.
				Re-set BOP isolation tool, slack off 150kN. Start pumping with CMTG pump, observe flow from HPS.
				Expect that Isolation Tool is leaking and decide to conduct BOP test while pressurize on 20"casing.
				Engage HPS and pressure test IBOP of HPS with 1900psi, "OK".
				Meanwhile,
				Recover ROV at current of 2.5 knot, ongoing.
				Current survey around C0002 site by supply boat and watch boat.
				- Shinchou-maru - (00:00-24:00) 2.4-3.9 knot.
				- Kaiyu - (00:00-24:00) 2.4-3.7 knot.
				- Hakuryu-maru - (00:00-24:00) 1.9-3.1 knot.
				- Chikyu - (00:00-24:00) Doppler data : 2.9- 3.5 knot.

Time Breakdown (00:00 - 06:00 on **29-Oct**) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	1:00	1:00	BOPE	Continue pressure test for BOP with 20"CSG and inside DP.
				Perform #1 test LPR while kill - isolation tool - IBOP with 300psi x 5min and 1900psi x 10min "OK" by CMTG unit. Pump 17.3bbl, bleed off 16.1bbl.
				Leakage from IBOP while bleed off pressure.
1:00	2:15	1:15	BOPE(N)	Install TIW to DP.
2:15	6:00	3:45	BOPE	Resume pressure test of BOP with 20"CSG and inside DP.
				Perform #1a test; LPR with 300psi x 5min and 1900psi x 10min "OK" by CMTG unit. Pump 8.6bbl, bleed off 8.6bbl.
				Perform #2 test; MPR and LIK with 300psi x 5min and 1900psi x 10min "OK" by CMTG unit. Pump 8.7bbl, bleed off 8.7bbl.
				Perform #3 test; MPR and LOK with 300psi x 5min and 1900psi x 10min "OK" by CMTG unit. Pump 8.8bbl, bleed off 8.8bbl.
				Perform #4 test; Lower Annular and UIC with 300psi x 5min and 1900psi x 10min "OK" by CMTG unit. Pump 8.6bbl, bleed off 8.6bbl.
				Perform #5 test; Lower Annular and UOC, on going.
				Recover ROV to surface @01:15.

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

Traveling block & HPS	750

Mud Properties

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St. (10", 10')		WL	Cake	pH	Pf	Cl-	Sand	Oil	Solid	K+	LGS	MBC	Temp In	Temp Out	n	K
KNPP	03:00	Pit	1.10	61	24	27	4	6	5	0.5	10.9	0.1	52,200	Tr	0	5	21,400	1.5	0.75	25		0.56	1.59
KNPP	15:00	Pit	1.10	60	24	28	4	6	5	0.5	10.9	0.1	52,200	Tr	0	5	21,400	1.5	0.75	25		0.55	1.71
KNPP	20:00	SWG	1.04	65	12	33	18	19			12.0									20		0.34	5.37

Cutting skip @24:00

Load (E)		Empty	28
Kaiyu	-	Full	0
Shincho-maru	-	Back up	2
Offload (E)		S.Boat (E / F)	15 / 0
Kaiyu	-	@ Shingu	0
To Shingu	-	total	45

Mud Pumps : 14-P-220 @ 4.98 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	8
MQJ Crew	94
MQJ (Other)	2
MQJ (Add subsea E)	3
MWJ	13
NME	0
Scientist	15
Telnite	2
Oceaneering	6
NOV	0
MI Swaco	4
AXON	1
SES	1
Vetcogray	2
Geoservices	6
Schlumberger-CMT	2
Schlumberger-DD	2
Schlumberger-LWD	2
Franks	0
Blohm Voss	0
NOV-Anderreamer	2
Shinsei kougyo	1
TV Crew	2
Total	168

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

Item	Received	Used	Stock
Barite (Bulk)	0	0	480,800
Kunigel-VO (Bulk)	0	0	65,000
NaOH	0	0	1,250
Lime	0	0	520
NaCl	0	0	41,000
KCl	0	0	33,000
Tel-Polymer DX / L / H	0/0/0	0/0/0	6540/4400/2600
XCD-Polymer	0	0	1,775
Soda Ash	0	0	2,625
KOH	0	0	3,400
Bi-Carbonate	0	0	550
Clean Lube	0	0	12,800
Tel DD	0	0	3,400
Lignate NC	0	0	4,800
Astex S	0	0	0
Treat HS	0	0	2,280
Defoamer 30C / 15	0	0	224/160
Telnite GXL	0	0	396
Tel Clean	0	0	828
Baracor-100 (gal)	0	0	110
Tel Stop G / P	0/0	0/0	2160/1000
Tel Mica C / M / F	0/0/0	0/0/0	1500/480/1000
Tel Plug C / M / F	0/0/0	0/0/0	1500/3000/500
Tan Cal C / M / F / FF	0/0/0/0	0/0/0	2700/2010/1200/2100
EZ Spot	0	0	550
Speeder P / X	0	0	1,700/1,700
Rester	0	0	0
Telnite OS-5	0	0	120
Telnite HEC	0	0	100

Heli Information

Flt. No.	Time Arrived	Time Departed	Passenger Are.	Passenger Dept.
1				
2				
3				
4				
5				

Geologic Information

From	To	Lithology of cuttings

Shale Shaker Centrifuge: hrs

No.1	#10 x 3/#84 x 4	No.4	#10 x 3/#84 x 4	No.1	-
No.2	#10 x 3/#84 x 4	No.5	#10 x 3/#84 x 4	No.2	-
No.3	#10 x 3/#84 x 4	No.6	#20 x 3/#84 x 4	No.3	-

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	18	

Remarks

Emergency drill @10:00.

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	89.7	87.8	328.3
Potable Water	m3	0.0	11.7	136.9
Drill Water	m3	0.0	10.8	2,162.9
Fuel	m3	0.0	48.9	5,887.5
Lube, Oil	Ltrs	0.0	1,500.0	106,900.0
Heli Fuel	Ltrs	0.0	0.0	800.0
Cement "G"	ton	0.0	0.0	356.0

Marine Information @24:00

Heave (m)	0.4
Pitch (deg)	0.4
Roll (deg)	0.2
Vessel Heading (deg)	230
Riser Tension (kN)	7800
V.D. Load (Moon)	14483.2
Max Draught (m)	9.0
Thruster (kW)	1745

Boat Information @24:00

Boat Name	Status	Time @Chikyu Arrived	Time @Chikyu Departed
Kaiyu	Chikyu		
Shinchou-maru	Chikyu		
Hakuryu-maru	Chikyu - Site current survey		

Mud Volume (m3)	
Pre-Hyd. (1.05sg)	49
Kill Mud (1.30sg)	44
KNPP Mud (1.10sg)	796
KPP Mud (1.07sg)	44

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	20.0	23.8	1013.3	2.6	2.0	4.9	1.4	100	7.8	2.5	66	18.0

Today's Schedule : Continue test BOP. POOH isolation test tool. Make up and RIH 17"DOC assembly.

Reported by : S. Kataoka / T. Otani

Approved by : I. Sawada / T. Saruhashi