Chikyu DAILY MORNING REPORT

Mission No. : CK12-02 **Exp. No. :** Exp 343 **Report No. :** 22

Site Name : JFAST3 **Hole Name :** C0019A **Lat.** 37°56.3367N **Long.** 143°54.8100E **Report Date :** 23/Apr/2012

Depth : @24:00 _____ mBRT _____ mbsf Progress : _____ m Seabed Depth : 6,912.00 mBRT RT-MSL : 28.5 m

Depth : @06:00 _____ mBRT _____ mbsf Drilling/Coring/Jetting Hrs. : _____ hrs LAST CASING : _____ x _____ mbsf

Summary of Operation : 22-Apr : Continue run LWD BHA.

Present Operation to 06:00 on 23-Apr : Drill 8-1/2"LWD Hole.

Time Breakdown (00:00 - 24:00 on 22-Apr)

mBRT: meter below rotary table
mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	6:45	6:45	Trip	Continue to run LWD Assembly. RIH 5"S-140 Pre. 59stds, 5-1/2"DP S-140 36stds. and 5-1/2"DP S-150 Pre. 4stds.
				Fill up seawater every 10 stands.
				Check survey 140spm x 19.7MPa @1988.7m. 140spm x 22MPa @3872.4m.
6:45	8:00	1:15	Other	Change to Duel Elevator & HCD.
8:00	10:30	2:30	Other	Troubleshoot DES, adjust location system.
10:30	14:00	3:30	Trip	Continue to RIH LWD assembly on 5-1/2" S-150 from 5254m to 6019m, Fill up pipe every 10 stds
14:00	16:45	2:45	Other(N)	Trouble shoot DES with NOV; Adjust Soft land system unsuccessfully.
16:45	19:15	2:30	Trip	Continue to RIH LWD drilling assembly on 5-1/2" S-150 from 6019m to 6896m, Fill up pipe every 10 stds
19:15	19:45	0:30	Other	Make up HPS, test LWD & MWD tools w/140spm (700gpm) pumping, 26.5MPa. Grease up T/Block.
19:45	22:15	2:30	Trip	Continue to RIH on 5-1/2" S-150 from 6019m to 6896m, Fill up pipe every 10 stds.
22:15	22:45	0:30	Other	Change elevator inserts to 6-5/8" DP, pick up and make up std #1 of 6-5/8" DP and X-O.
22:45	24:00	1:15	Other	Flush strings with Special Hi-vis 10m3, S/W, Hi-vis 5m3 and S/W. 140spm x 26MPa.
				Meanwhile replace HCD guides to 6-5/8" DP with TBRA.

Time Breakdown (00:00 - 06:00 on 23-Apr) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	6:00	6:00	DRL	Drill 8-1/2"LWD Hole.
				Connect 6-5/8"DP. RIH LWD Assembly slowly with pump (32spm x 1.6MPa).
				Start drill LWD Hole @ 6929mBRT.
				Pump Hi-vis Mud 5m3 per 1 joint drilling below 7000mBRT.
				(6:00) drill 8-1/2"LWD Hole, WOB: -50~60kN, TDS: 80rpm x 2kN-m, Pump: 120spm x 19.5MPa @7027mBRT.
				Inclination: 1.76° @7022.98m

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. (krev)	Dull Condition Inner	Outer	Dull	Loc.	B	G	O.D.	RP
1	8.5	Smith	PDC	-	JF6234	7 x 12			0.0	0.00					3,394.8								

BHA Record

LWD 1	Bit x Bit Sub x XO x GVR-6 x ARC-6 x Telescope 675 HF x NonMag DC x 8-1/4"Stab x XO x 6-3/4"DC 8stds. x Jar x 6-3/4" 7stds. x XO x 5.68"HWDP 12stds.
	x XO x 5"S-140 DP Pre. 59stds. x 5-1/2"S-140 DP Pre. 36stds. x 5-1/2"S-150 DP Pre. 53stds. x 5-1/2"S-150 DP New 26stds. x 6-5/8"Z-140 DP New

Hook Wt. (kN) @ 6,900 mBRT

Total Hook Weight	3,600
Pick Up Weight	
Slack Off Weight	
HPS & Traveling block & DES	750
Below Jar	165
BHA	270
BHA + HW	322

Mud Properties

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St.		WL	Cake	pH	Pf	Cl-	K+	LGS	PPG	MBC	n	K	Temp In	Temp Out
Sea Water Gel	24:00	Pit	1.04	67	12	33	24	26			10.0							0.34	5.37	16	
Sea Water Gel (special)	24:00	Pit	1.04	126	12	56	33	35			9.8							0.23	15.76	15	

Mud Pumps : 14-P-220 @ 6019 mBRT 5.00 gallon/stroke @97%

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	
1	6	140	700	27.2		
2	6				-	-
3	6					

Personnel @24:00

CDEX	13
MQJ Crew	96
MQJ (Other)	1
MWJ	19
Scientist	29
Telnite	1
Sch-LWD	3
Sch-WL	1
Magnum	3
Franks	0
WWT	0
OCC	2
NOV	1
Kaiyodenshi	2
Core-IRM	0
Other	1
Total	172

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

Item	Received	Used	Stock
Barite (Bulk)	0	0	557,500
Bentonite (by S.Lanka)	0	0	18,400
Kunigel-VO (Bulk)	0	0	212,000
NaOH	0	0	9,550
Lime	0	0	9,460
XCD-Polymer	0	0	100
Rester	0	0	3,000
Baracor-100 (gal)	0	0	110
Telnite OS-5	0	0	120
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0

Helicopter Information

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

Geologic Information 2012.04.22

From	To	Litho logy

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	19	

Remarks

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	66.7	80.2	319.5
Potable Water	m3	0.0	6.1	241.5
Drill Water	m3	0.0	13.2	1,690.4
Fuel	m3	0.0	40.9	3,240.5
Lube, Oil	Ltrs	0.0	500.0	108,300.0
Heli Fuel	Ltrs	0.0	0.0	800.0

Mud Volume (m3)

Pre-Hyd.	410
Kill mud (1.30sg)	71
Premix SW	70
Sea Water Gel	111

Marine Information @24:00

Heave (m)	1.1
Pitch (deg)	0.7
Roll (deg)	0.4
Vessel Heading (deg)	118
Riser Tension (ton)	-
V.D. Load (Moon)	12821.0
Max Draught (m)	9.0
Thruster (kW)	1,730

Boat Information@24:00

Boat Name	Status	Time Departed	Time Arrived
No.18 Kaiko-Maru	-		
kaiko	-		

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	o	12.0	6.7	1025.2	13.0	161.0	14.0	2.0	75	8.6	0.1	252	22

Today's Schedule : Continue to drill 8-1/2"LWD Hole.