Chikyu DAILY MORNING REPORT

Mission No. : CK12-02 **Exp. No. :** Exp 343 **Report No. :** 34

Site Name : JFAST3 **Hole Name :** C0019C **Lat.** 37°56.3033'N **Long.** 143°54.7875'E **Report Date :** 5/May/2012

Depth : @24:00 6,957.5 mBRT 29.0 mbsf Progress : 29.0 m Seabed Depth : 6,928.50 mBRT RT-MSL : 28.5 m

Depth : @06:00 6,957.5 mBRT 29.0 mbsf Drilling/Coring/Jetting Hrs. : 0.00 hrs LAST CASING : 20 x 29.00 mbsf

Summary of Operation : 4-May : WOW.

Present Operation to 06:00 on 5-May : RIH 8.5"LWD Assembly after WOW

mBRT: meter below rotary table

Time Breakdown (00:00 - 24:00 on 4-May) mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	24:00	24:00	WOW	Wait On Weather
				(11:00) Change ship mode to Auto DP from Auto Heading.
				Meanwhile troubleshoot UWTV cable and connector.
				Found 2of 4 cable damaged around 20m from winch.
				Re arrange the cable connection in the End box.

	Wave height (m)		Wind		
	significant	Cycle	Direction	Max.	Average
Time	(m)	(s)	(deg)	(m/s)	(m/s)
2h	5.3	11.3	117	25.2	23.1
4h	4.8	11.0	120	24.5	23.1
6h	5.2	11.3	120	23.4	20.5
8h	4.7	11.5	116	20.4	18.1
10h	4.1	11.5	120	18.3	16.1
12h	4.3	10.1	152	4.3	11.6
14h	3.8	9.4	199	3.8	11.5
16h	3.7	9.9	197	14.4	13
18h	3.5	9.3	190	12.4	11.3
20h	3.6	9.6	171	12	11.2
22h	3.3	9	170	13.3	11.8
24h	3	9.7	176	9.5	10.1

Time Breakdown (00:00 - 06:00 on 5-May) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	2:00	2:00	WOW	Wait On Weather
				Meanwhile troubleshoot UWTV cable and connector.
				Connect end box on UWTV. Function test OK.
2:00	2:30	0:30	WOW	Connect HPS. Conduct shallow test of LWD & MWD. OK.
2:30	3:00	0:30	WOW	POOH and set back 2 stds of 6-5/8" Z-140 DP (for upper string while WOW)
3:00	6:00	3:00	Trip	RIH 8.5inch LWD Assembly from 2932m to 4566mBRT.
				3:30 No.18 Kaikou maru on site.

	Wave height (m)		Wind		
	significant	Cycle	Direction	Max.	Average
Time	(m)	(s)	(deg)	(m/s)	(m/s)
2h	3.1	9	200	10.6	9.6
4h	2.8	9.1	225	8.2	6.4

UWTV cable status

Regarding the repair of UWTV system.
Based on data obtained during investigation, OCC concluded that the damaged (short circuit cable) cable section is located at about 18 to 20 m from the winch flange junction box.
Under this circumstances it is not posible to remove the damaged part and repair the system.
As temporary solution the system was repaired to be able to function with all its required electronics and with a limitation in the usage of the lamps. As recommedation the system shall be used only with one lamp at its maximum power, to ensure the control and communication electronics are properly powered.

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
2	8.5	Smith	MDSi713 UBPX	M333	JF6233	7 x 12																	

BHA Record

LWD No.2 : 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 9 jts. x Jar x 6-3/4" DC 6jts. x XO x 5.68"HWDP 12jts. 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) @ 3,800 mBRT

Total Hook Weight (String)	2,280
Pick Up Weight	
Slack Off Weight	
HPS & Traveling block	750
Below Jar	150
BHA	220
BHA + HW	262

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		Pit	1.04	110	11	48	27	29			10.0							0.25	12.68	16	
Sea Water Gel		Pit	1.04	100	9	42	25	27			9.9							0.23	11.82	16	

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

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

Personnel @24:00

CDEX	10
MQJ Crew	97
MQJ (Other)	0
MWJ	19
Scientist	28
Telnite	1
Sch-LWD	2
Sch-WL	1
Magnum	3
Franks	0
WWT	0
OCC	2
NOV	1
Kaiyodenshi	0
Core-IRM	0
Other	0
Total	164

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

Item	Received	Used	Stock
Barite (Bulk)	0	0	557,500
Bentonite (by S.Lanka)	0	0	0
Kunigel-VO (Bulk)	0	0	17,200
NaOH	0	0	8,725
Lime	0	0	8,660
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 2012.05.02

From	To	Litho logy

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	96.6	86.9	230.3
Potable Water	m3	0.0	3.6	180.5
Drill Water	m3	0.0	17.4	1,011.6
Fuel	m3	0.0	48.2	2,708.1
Lube, Oil	Ltrs	0	2,100	100,900
Heli Fuel	Ltrs	0.0	0.0	800.0

Mud Volume (m3)

Pre-Hyd.	563
Kill mud (1.30sg)	71
Premix SW	73
Sea Water Gel	122

Marine Information @24:00

Heave (m)	1.3
Pitch (deg)	1.0
Roll (deg)	0.3
Vessel Heading (deg)	140
Riser Tension (ton)	-
V.D. Load (Moon)	11378.1
Max Draught (m)	9.0
Thruster (kW)	900

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	10	

Remarks

General Safety Meeting (7:30, 13:00, 19:00)

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	16.0	14.7	993.7	9.5	176.0	10.1	3.0	100	9.7	0.4	200	9

Today's Schedule : RIH LWD Assembly / Re-entry / Drill 8.5" LWD hole