

Chikyu DAILY MORNING REPORT

Mission No. : CK12-02

Exp. No. : Exp 343

Report No. : 6

Site Name : **JFAST3** Hole Name : _____ Lat. _____ Long. _____ Report Date : **7/Apr/2012**
 Depth : @24:00 _____ mBRT _____ mbsf Progress : _____ m Seabed Depth : _____ mBRT _____ m RT-MSL : **28.5** m
 Depth : @06:00 _____ mBRT _____ mbsf Drilling/Coring Hrs. : _____ hrs LAST CASING : _____ x _____ mbsf
 Summary of Operation : **6-Apr** : Deploy Transponders and Calibration for Transponders. Free fall UWTV Cable. Make up Drill Pipe stands.
 Present Operation to 06:00 on **7-Apr** : Make up Drill Pipe stands (5-1/2" S-150 new) _____ mBRT: meter below rotary table
 Time Breakdown (00:00 - 24:00 on **6-Apr**) _____ mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	6:00	6:00	Other	Deploy Transponders. (00:00-01:25) Continue troubleshoot No.5 Transponder. (01:25-02:04) Move vessel to array center of JFAST3. (02:04-06:00) Calibration for Transponders. Meanwhile, (00:00-03:00) Make up 7 stds of 6-5/8" DP Z-140 new pipe (total 23 stds). (03:00-04:00) Preparation for make up 5-1/2" DP S-150 new pipe. (04:00-06:00) Make up 1 stds of 5-1/2" DP S-150 New stand with break in of new connections.
6:00	11:30	5:30	Move	Move to UWTV Cable free fall Location (3km East of JFAST3 Site) Meanwhile, Make up 3 stds of 5-1/2" DP S-150 New stand with break in of new connections. Prepare for free fall of UWTV Cable.
11:30	24:00	12:30	Other	Attempt to conduct free fall UWTV Cable. (11:30-12:30) Rig up UWTV Cable. (12:30-14:30) Free fall UWTV Cable to 3000m and winch up cable, OK. Pay out to 3500m and attempt to winch up with High Mode, unsuccessful due to insufficient torque. Possible to winch up with Low Mode, using Driller's Control Box. Pulling speed 7-8m/min. (14:30-21:00) Pay out to 5100m while winch up every 100m with Low Mode to confirm the winch can pull the cable, using Moon Pool Console @4700m, winch halt by emergency stop due to main pressure signal failure alarm. Reset the alarm and resume pay out. @5100m, winch halt suddenly due to the depth alarm (depth counter suddenly become -5100m.) (21:00-23:30) Troubleshoot on winch. Make the encoder free and turn same by hand to change the depth on the control panel display from minus to plus indication. (23:30-24:00) Depth counter indication become plus indication and recover hydraulic pressure. Winch up Free Fall Assembly to moon pool. Meanwhile, Make up 11 stds of New 5-1/2" DP S-150 with breaking in of new connection.

Time Breakdown (00:00 - 06:00 on **7-Apr**) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	2:00	2:00	Other	Continue to winch up Free Fall Assembly to moon pool. Suspend UWTV cable operation due to the software and hydraulic supply problem. Meanwhile, Make up 2 stds of New 5-1/2" DP S-150 w/breaking in the connection.
2:00	2:30	0:30	Other	Rig down UWTV for suspension.
2:30	6:00	3:30	Other	Make up 4 stds of New 5-1/2" DP S-150 w/breaking in the connection. (@6:00), total, 20 stds of New 5-1/2" DP S-150 made up and rack back in derrick.

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

BHA Record

BHA No.																Hook Wt. (kN) @	mBRT
																Total Hook Weight	
																Pick Up Weight	
																Slack Off Weight	
																HPS & Traveling block	720
																Below Jar	
																BHA	

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	
12% Pre-hyd.	24:00	Pit	1.05	187			?														
12% Pre-hyd.	24:00	Pit	1.05	200			?														

Mud Pumps : 14-P-220 @ 18.87 L/min stroke @97%

No.	Liner Size	SPM	LPM	Press. (MPa)	Ann. Vel (m/min)
1	6	0			
2	6	0	0.0		
3	6	0			

Geologic Information

From	To	Litho logy

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m ³	53.1	80.2	316.4
Potable Water	m ³	0.0	4.8	314.0
Drill Water	m ³	0.0	0.0	1999.3
Fuel	m ³	0.0	40.9	3,313.2
Waste Oil	m ³	0.0	400.0	114,500.0
Heil Fuel	Lts	0.0	0.0	800.0

Boat Information @24:00

Boat Name	Status	Time Departed	Time Arrived
No.18 Kaiko Maru	Chikyu	14:00	

Weather Information

Time	Weather	Temp. (degC)		Barometer (hPa)	Wind		Wave			Current		Visibility (km)	
		Air	SW		Speed (m/s)	Dir. (deg)	Gust (m/s)	Height (m)	Dir. (deg)	Period (s)	Speed(knt)		Dir. (deg)
24:00	c	5.5	11.3	1008.3	14.7	308.0	16.4	3.2	280	7.7	0.2	224	28

Today's Schedule : Make up Drill Pipe stand (5-1/2" S-150 new). Make up 20" Jetting BHA. 20"CSG Running Tool Test.

Personnel @24:00

CEDEX	11
MCU Crew	95
MCU (Other)	4
MWJ	20
Scientist	29
Telnic	1
Sch-LWD	3
Sch-WL	3
Magnum	2
Franks	0
WWT	1
OCC	1
NOV	2
Total	171

Mud Volume (m3)

Pre-Hyd.	314
Kill mud (1.30sg)	0
Sea Water Gel	0

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

Item	Received	Used	Stock
Barite (Bulk)	0	0	586,000
Bentonite (by S.Lanka)	0	0	44,000
Kunigel-VO (Bulk)	0	0	215,000
NACH	0	0	9,950
Lime	0	0	9,800
XCD-Polymer	0	0	175
Rester	0	0	3,000
Baracor-100 (gal)	0	0	110
Telrite OS-5	0	0	120
Franks	0	0	0
WWT	0	0	0
OCC	0	0	0
NOV	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0

Marine Information @24:00

Heave (m)	0.5
Pitch (deg)	0.7
Roll (deg)	0.4
Vessel Heading (deg)	300
Riser Tension (ton)	-
V.D. Load (Moon)	13152.3
Max Draught (m)	9
Thruster (KW)	1,563

Helicopter Information

Fit. No.	Time		Passenger	
	Arrived	Departed	Arr.	Dept.
1	9:02	9:26	14	14
2	13:12	13:22	10	12
3				
4				
5				

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	14	

Remarks