Chikyu DAILY MORNING REPORT

Mission No. : CK12-02 **Exp. No. :** Exp 343 **Report No. :** 5

Site Name : JFAST3 **Hole Name :** _____ **Lat.** _____ **Long.** _____ **Report Date :** 6/Apr/2012

Depth : @24:00 _____ mBRT _____ mbsf Progress : _____ m Seabed Depth : _____ mBRT RT-MSL : **28.5** m

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

Summary of Operation : **5-Apr** : WOW. Deploy Transponders. Make up Drill Pipe stands.

Present Operation to 06:00 on **6-Apr** : Continue deploy Transponders. Calibration for Transponders. Make up Drill Pipe stands.

mBRT: meter below rotary table

mbsf: meter below sea floor

Time Breakdown (00:00 - 24:00 on **5-Apr**)

From	To	Hrs	Code	Detail of Operation
0:00	2:00	2:00	Wait	WOW.
				Most operations shut down do to excessive heave, pitch and roll.
				Wind Condition.

Time	Direction	Speed / Gust
2:00	276	15.5 / 17.9

From	To	Hrs	Code	Detail of Operation
2:00	6:00	4:00	Move	Move vessel to deploy point of No.1 Transponder.
				Set Navigation mode from DP mode. Prior to move vessel location toward Grid North (GN) 123deg and 23 miles from JFAST3.
				Meanwhile,
				Resume make up 5 stds, total 41 / 53 stds of 5-1/2"DP S-150 Premium stand.
6:00	24:00	18:00	Other	Deploy Transponders.
				(10:00) No.1 (WP1) → (11:00) Reach to Bottom @6619m.
				(14:30) No.2 (WP2) → (15:30) Reach to Bottom @6666m.
				(17:15) No.3 (WP3) → (18:20) Reach to Bottom @6793m.
				(20:15) No.4 (WP5) → (21:15) Reach to Bottom @6639m.
				(22:47) No.5 (WP4) → (22:47-24:00) Deployed No.5 Transponder, lost signal. Troubleshoot No.5 Transponder.
				Meanwhile,
				(06:00-10:30) Resume make up 17 stds, total 53 / 53 stds of 5-1/2"DP S-150 Premium stand.
				(10:30-16:00) Make up 5 / 5 stds (3 jts stand) of 6-5/8"DP Z-140 New stand.
				(16:00-24:00) Make up 16 / 23 stds of 6-5/8"DP Z-140 New Stand, include NRP (WWT, Non Rotating Protector) installed 2ea/jt of 1 stand.

Time Breakdown (00:00 - 06:00 on **6-Apr**) * The data on 00:00 - 06:00 is unofficial.

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 / 23 std. of 6-5/8"DP Z-140 New stand.
				(03:00-04:00) Preparation for make up 5-1/2"DP S-150 New pipe.
				(04:00-06:00) Make up 1 / 25stds of 5-1/2"DP S-150 New stand with break in of new connections.

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

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	67	68	15	52										0.58	3.6	19	
12% Pre-hyd.	24:00	Pit	1.05	200	74	82	20	60										0.56	4.75	19	

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

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

Personnel @24:00

CDEX	12
MQJ Crew	98
MQJ (Other)	4
MWJ	20
Scientist	28
Telnite	1
Sch-LWD	3
Sch-WL	2
Magnum	2
Franks	0
WWT	1
OCC	1
Other	1
Total	173

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
NaOH	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
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				

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	19	

Remarks

Geologic Information

From	To	Litho logy

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	89.0	70.6	343.5
Potable Water	m3	0.0	5.0	318.8
Drill Water	m3	0.0	0.0	1,999.3
Fuel	m3	0.0	51.1	3,953.8
Lube, Oil	Ltrs	0.0	0.0	114,900.0
Heli Fuel	Ltrs	0.0	0.0	800.0

Marine Information @24:00

Heave (m)	0.7
Pitch (deg)	0.5
Roll (deg)	0.2
Vessel Heading (deg)	260
Riser Tension (ton)	-
V.D. Load (Moon)	13206.1
Max Draught (m)	9
Thruster (kW)	950

Boat Information@24:00

Boat Name	Status	Time Departed	Time Arrived
No.18 Kaiko Maru	Chikyu		19:00

Mud Volume (m3)

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

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	bc	7.5	10.3	1008.8	7.3	310.0	7.8	2.0	210	7.9	0.4	4	22

Today's Schedule : Preparation for spud. Free fall UWTV cable.