Chikyu DAILY MORNING REPORT

Mission No. : CK12-02 **Exp. No. :** Exp 343 **Report No. :** 38

Site Name : JFAST3g **Hole Name :** C0019D **Lat.** 37° 56.3224' **Long.** 143° 54.8004' **Report Date :** 9/May/2012

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

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

Summary of Operation on **8-May** : Prepare and run 20" casing with jetting BHA.

Present Operation to 06:00 on **9-May** : RIH 20" CSG assembly

Time Breakdown (00:00 - 24:00 on **8-May**)

mBRT: meter below rotary table

mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	1:45	1:45	Other	Lay out Hydraulic running tool to make up with XOs by torque master in core tech workshop
1:45	2:00	0:15	Other	Hold TBRA for making up jetting BHA.
2:00	3:45	1:45	Other	Make up jetting BHA and rack back same.
3:45	4:30	0:45	Other	Make up Hydraulic running tool and 5.68" HWDP single joint. Lay out same.
4:30	5:15	0:45	Other	Rig up 20" casing running tools.
				Hook up 20" side door elevator with lifting sling. Replace master bushing to 20" casing bushing.
5:15	5:30	0:15	Other	Hold TBRA for running 20" casing.
5:30	7:00	1:30	CSG	Make up 20" casing assembly: Jetting shoe joint x Intermediate joint (1) x WH housing joint.
				Check CSG weight: 80kN in air. No guide funnel installed on WH housing.
7:00	9:15	2:15	CSG	Lower jetting BHA into 20" casing.
				Pick up Hydraulic running tool and make up to jetting BHA. Engage Hydraulic running tool to WH.
				Pick up whole assembly and confirm jetting sub is 10" inside jetting shoe.
				Apply 2 x anti rotation keys for each connector. Make marks on WH housing for UWTV monitoring.
9:15	19:15	10:00	CSG	Run 20" casing assembly with drill string
				Break circulation with 1000gpm at 1027m (9.5Mpa), 2013m (12.7Mpa), 3040m (16.0Mpa), 3986m (18.8Mpa), 5030m (22.0Mpa)
19:15	0:00	4:45	Other	Install upper guide horn. Pick up upper and middle guide horn. Sprit lower guide hore. Install UWTV on DP and lower to 200m.
				Function test of UWTV, cameras and lights ,OK. Close lower guide horn and install upper and lower guide horn.
				Install HCD with 5-1/2" DP inserts. Install DES rail and lower elevator.
				Meanwhile continue to lower UWTV.

Time Breakdown (00:00 - 06:00 on **9-May**) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	0:15	0:15	Other	Continue installing DES rail and lower elevator
0:15	5:00	4:45	Trip	Resume RIH 20" jetting assembly to 6900m
				Break circulation with 1000gpm at 6029m (24.9Mpa)
				Meanwhile lower UWTV and confirm UWTV can pass over Hydraulic running tool and WH without problem
				Move vessel to C0019D location.
5:00	5:30	0:30	Other	Lower UWTV to 8m above shoe.
5:30	6:00	0:30	Trip	Lower 20" casing and UWTV alternately by 3m to check seabed ongoing.

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
	8	Magnum	Jetting sub			7 x 12																	

BHA Record

	Jetting BHA	8"Jetting Sub x Spacer Sub x Float Sub(w/o float valve) x 17-1/2"Stb x XO x 5-1/2"DP S140 2jts x 5-1/2"DP Pup 2jts x XO x Spacer Sub x Magnum Running tool (Lower). Magnum RT(upper) x XO (4"ID) x5.68" HWDP 13jts x XO x 5" DP 68stds x XO x 5-1/2"DP S140 pre. 36stds x 5-1/2"DP S150 Pre. 53stds x XO x 5-1/2"DP S150 New **stds x 6-5/8"DP 2140 New

Hook Wt. (kN) @ 5,020 mBRT

Total Hook Weight (String)	2,627
Pick Up Weight	
Slack Off Weight	
HPS & Traveling block	750
20"CSG	80
BHA	10
BHA + 20"CSG	90

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	120	11	60	25	27			11.5							0.21	19.44	20	
Sea Water Gel	24:00	Pit	1.04	100	9	40	21	22			9.9							0.24	10.75	20	

Mud Pumps : 14-P-220 @ 5030.0 mBRT 5.00 gallon/stroke @97%

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	
1	6					
2	6	200	1000	22.0	-	-
3	6					

Personnel @24:00

CDEX	10
MQJ Crew	96
MQJ (Other)	3
MWJ	21
Scientist	28
Telnite	1
Sch-LWD	2
Sch-WL	1
Magnum	2
Franks	2
WWT	0
OCC	2
NOV	1
Kaiyodenshi	0
Core-IRM	0
Other	0
Total	169

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	163,700
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				

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	13	

Remarks

Geologic Information

From	To	Litho logy

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	94.5	93.7	207.0
Potable Water	m3	0.0	5.3	162.9
Drill Water	m3	0.0	0.5	935.0
Fuel	m3	0.0	42.5	2,541.1
Lube. Oil	Ltrs	0.0	0	99,100
Heli Fuel	Ltrs	0.0	0.0	800.0

Mud Volume (m3)

Pre-Hyd.	591
Kill mud (1.30sg)	71
Premix SW	48
Sea Water Gel	140

Marine Information @24:00

Heave (m)	0.4
Pitch (deg)	0.3
Roll (deg)	0.1
Vessel Heading (deg)	114
Riser Tension (ton)	-
V.D. Load (Moon)	11289.7
Max Draught (m)	9.0
Thruster (kW)	1,280

Boat Information@24:00

Boat Name	Status	Time Departed	Time Arrived
No.18 Kaiko-Maru	Chikyu to Sendai	17:10	

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	16.0	17.6	1012.3	8.5	142.0	9.6	1.5	110	7.5	1.1	308	22

Today's Schedule : 20" CSG jetting to 26mbsf, Release RT and POOH