

Chikyu DAILY MORNING REPORT

Mission No. : CK12-02

Exp. No. : Exp 343

Report No. : 17

Site Name : JFAST3

Hole Name : Lat. Long.

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

Report Date : 18/Apr/2012

Summary of Operation : 17-Apr : Troubleshoot EDS. Run 20" CSG and UWTV. Site survey. Troubleshoot drill string plugging

Present Operation to 06:00 on 18-Apr : Change out dual elevator

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

Time Breakdown (00:00 - 24:00 on 17-Apr)

From	To	Hrs	Code	Detail of Operation
0:00	5:00	5:00	RR	Continue troubleshooting DES. Activate HCD (Hydraulic Centering Device) when upper elevator lower to 0.2m above table with soft landing mode successfully. Upper and lower elevator swapping is not recognized by DCIS automatically while tripping out. Manual swapping is not reliable.
5:00	6:00	1:00	CSG	Resume running 20" casing from 4845 to 4998mBRT with UWTV.
6:00	12:00	6:00	RR	Troubleshoot DES calibrations.
12:00	19:45	7:45	CSG	Resume running 20" casing from 4998 to 6934mBRT with UWTV. Fill up sea water every 10stds. Check over pull tension of UWTV as same. No drag. No over pull. Max rotation 3 turns @5298m cable depth. Confirm good visibility.
19:45	20:00	0:15	Other	Survey site 3b of core hole. Sea water depth @6934mBRT / 6905.5mMSL. (tentative) Vessel coordination: Lat. 37deg 56.2667N, Long. 143deg 54.8100E. (Transponder and Minibeacon on UWTV are not available) Confirm site condition with Co-chief Scientist. Pick up 20" casing shoe to 6914m
20:00	21:00	1:00	Move	Move vessel at 0.1knot to site 3a of LWD hole.
21:00	21:30	0:30	Other	Survey site 3a of LWD hole. Sea water depth @6911mBRT / 6882.5mMSL. (tentative) Vessel coordination: Lat. 37deg 56.3367N, Long. 143deg 54.8100E. Confirm site condition by Co-chief Scientist.
21:30	22:15	0:45	Other	Prepare spud in with 20" casing jetting. Rack back of 1std 5-1/2" DP S-150 new. Change insert of dual elevator and HCD. Make up 1std of 6-5/8" DP Z-140.
22:15	23:30	1:15	Circ	Attempt to break circulation unsuccessfully due to plugging inside pipe.
23:30	0:00	0:30	Other (N)	Repeat to increase DP pressure and bleed off 5 times. (Max. 20Mpa). Observe slight flow out of jetting sub by UWTV. Set back 6-5/8" DP stand

Time Breakdown (00:00 - 06:00 on 18-Apr) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	0:15	0:15	Other (N)	Work pipe quickly 8 times
0:15	1:00	0:45	Other (N)	Set back one 5-1/2" DP stand and make up 6-5/8" DP stand
1:00	1:45	0:45	Other (N)	Break circulation successfully and pump SW to clean inside pipe. 100spm x 8.8Mpa, 160spm x 19.3Mpa, 170spm x 21.1Mpa
1:45	2:15	0:30	Circ	Pump 10m3 Hi-vis mud and displace to 5-1/2" S-140 DP bottom
2:15	4:30	2:15	RR(N)	Troubleshoot upper elevator oil leakage from signal line
4:30	6:00	1:30	RR(N)	Observe upper elevator stuck on 6-5/8" DP Tool Joint and impossible to open the door. Attempt to release upper elevator without success Lay down top single of 6-5/8" DP with upper elevator

Bit Record

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.	B	G	O.D.	RP
	8	Magnum	Jetting sub	-	1	7 x 14																		

BHA Record

Jetting	Running
8"Jetting Sub x Spacer Sub x Float Sub 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 Running tool (Upper) x XO x 5.68"HWD Pre. 13jts x XO x 5"DP S140 Pre. 68stds 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 x 6-5/8"DP Z140 New.

Hook Wt. (kN) @	6,934	mBRT
Total Hook Weight		3,555
Pick Up Weight		
Slack Off Weight		
HPS & Traveling block & DES		750
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
Sea Water Gel	24:00	Pit	1.04	67	11	34	22	24		10.2							0.32	6.29	16	
Sea Water Gel	24:00	Pit	1.04	71	11	37	23	25		10.3							0.30	7.50	16	

Mud Pumps : 14-P-220 @ Surface

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

Personnel @24:00

Name	Count
CDEX	12
MQJ Crew	95
MQJ (Other)	1
MWJ	20
Scientist	28
Telnite	1
Sch-LWD	2
Sch-WL	1
Magnum	2
Franks	0
WWT	0
OCC	2
NOV	1
Sonardyne	1
Core-IRM	2
Other	2
Total	170

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

Item	Received	Used	Stock
Barite (Bulk)	0	0	557,500
Bentonite (by S.Lanka)	0	0	40,000
Kunigel-VO (Bulk)	0	0	212,000
NaOH	0	0	9,600
Lime	0	0	9,520
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
	0	0	0
	0	0	0

Marine Information @24:00

Heave (m)	1.5
Pitch (deg)	0.7
Roll (deg)	0.2
Vessel Heading (deg)	105
Riser Tension (ton)	-
V.D. Load (Moon)	13096.0
Max Draught (m)	9.0
Thruster (kW)	1,520

Helicopter Information

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

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	17	
Remarks		
DP advisory status. (#2 Bighead failure)		

Geologic Information 2012.04.xx

From	To	Litho logy

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	82.6	80.4	301.0
Potable Water	m3	0.0	4.7	264.4
Drill Water	m3	0.0	5.8	1,909.8
Fuel	m3	0.0	42.1	3,451.2
Lube, Oil	Ltrs	0.0	600.0	111,300.0
Heli Fuel	Ltrs	0.0	0.0	800.0

Boat Information @24:00

Boat Name	Status	Time	
		Departed	Arrived
No.18 Kaikou-Mar	Chikyu		

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	11.0	15.0	1017.9	6.4	48.0	7.7	2.5	90	8.9	0.3	309	22

Today's Schedule : Troubleshoot dual elevator bushing, 20" jetting