

Chikyu DAILY MORNING REPORT

Mission No. :

CK12-02

Exp. No. : Exp 343

Report No. : 53

Site Name : JFAST3

Hole Name : C0019E

Lat. 37°56.3343'N

Long. 143°54.8084'E

Report Date : 24/May/2012

Depth : @24:00 7,762.5 mBRT 844.5 mbsf Progress : 13.5 m Seabed Depth : 6,918.00 mBRT RT-MSL : 28.5 m
 Depth : @06:00 7,762.5 mBRT 844.5 mbsf Drilling/Coring/Jetting Hrs. : 0.00 hrs LAST CASING : x mbsf

Summary of Operation on 23-May : POOH RCB coring assembly
 Present Operation to 06:00 on 24-May : Rig down DES / Move to heli meeting point.
 Time Breakdown (00:00 - 24:00 on 23-May) mBRT: meter below rotary table
 mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	2:00	2:00	RR(N)	Continue to trouble shoot with DES.(Upper elevator would not open) Function test before pulling to trip height. Work should be fine.
2:00	3:00	1:00	RR(N)	Resume to POOH. Trouble shoot on Dual elevator link lock. Data tech and NOV made loop from LER room to be able to open couple in unlock to continue to POOH.
3:00	7:30	4:30	Trip	Resume to POOH from 7,437mBRT to 6,945mBRT. ※Actual wave height is within operating criteria.
7:30	9:00	1:30	WOW	Observe actual max wave height is over 5.8m, (period over 10min). Wait until wave height being under 5m.
9:00	9:30	0:30	RR(N)	Trouble shooting DES / Upper dual elevator un open. Check and change elevator to spare one. (7:30-9:30)
9:30	12:30	3:00	Trip	Resume POOH from 6,945m to 5987mBRT.
12:30	13:30	1:00	Other	Rig down HCD. Install master bushing.
13:30	0:00	10:30	Trip	Resume POOH from 5987m to 1334m using upper elevator and rotary slip.

From	To	Hrs	Code	Detail of Operation
0:00	4:00	4:00	Trip	Continue to POOH from 1334m to surface.
4:00	4:45	0:45	Trip	Break off top sub, bit, long bit sub w/stab. Rack back Core barrel w/ 2jts of Coring DC.
4:45	6:00	1:15	Other	Tidy drill floor and Rig down DES and Change elevator link to standard one. 4:00 commence sailing out 30 mile west from JFAST site.

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT)		Meter-age	Hrs.	WOB (kN)		rpm (krev)	Total Rev.	Dull Condition								
							From	To			Min.	Max.			Inner	Outer	Dull	Loc.	B	G	O.D.	RP	
2	10-5/8	HCC	BHC410C		7138607	10 x 13/32	6918.0	7,762.5	844.5	48.80	0	100	80	150	277.1	6	6	WT	N	-	I	NA	TD

BHA Record		Core Log										Hook Wt. (kN) @ mBRT	
3		Core bit x RCB core barrel (w/Long bit sub and 10-5/8" stab) x "10-5/8" Coring stab x 8-1/2" Core DC (2jts) x "10-5/8" Coring stab x 8-1/2" Core DC (9jts) x "XO x 5.68" HWDP (12jts) x XO x 5" S140 pre. (68stds) x 5-1/2" S140 pre. (36stds) x XO x 5-1/2" S150 pre. (53stds) x 5-1/2" S150 New (18stds) x 6-5/8" Z-140 New "the gauge of 2 coring stabilizer -1/16"											

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St.	WL	Cake	pH	Pf	Cl-	K+	LGS	PPG	MBC	n	K	Temp		
																			In	Out	

Mud Pumps: 14-P-220 @ 5.00 gallon/stroke @97%					
No.	Liner Size	SPM	GPM	Press. Coring (MPa)	Ann. Vel. (m/min)
1	6				
2	6				
3	6				

Geologic Information		Litho logy	
From	To		

Materials Stock on Board @24:00				
Item	Unit	Received	Used	Stock
Fresh Water	m3	92.7	80.7	278.8
Potable Water	m3	0.0	5.5	192.8
Drill Water	m3	0.0	94	573.6
Fuel	m3	0.0	51.0	1,859.1
Lube, Oil	Ltrs	0.0	0	91,700
Heli Fuel	Ltrs	0.0	0.0	800.0

Boat Information@24:00			
Boat Name	Status	Time Departed	Time Arrived
No.18 Kaiko-Maru	evacuation		
(rendezvous around 8.00 5.24)			

Personnel @24:00	
CDEX	10
MQJ Crew	95
MQJ (Other)	0
MWJ	20
Scientist	27
Telrite	1
Sch-LWD	0
Sch-WL	1
Magnum	0
Franks	0
WWT	0
OCC	0
NOV	1
Kaiyodenshi	0
Core-IRM	0
Other	3
Total	158

Mud Volume (m3)	
Pre-Hyd.	0
Kill mud (1.30sg)	0
Premix SW	0
Sea Water Gel	0

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	120,700
NaOH	0	0	5,725
Lime	0	0	5,860
XCD-Polymer	0	0	100
Rester	0	0	3,000
Baracor-100 (gal)	0	0	110
Magnum	0	0	120
Telrite OS-5	0	0	0
WWT	0	0	0
OCC	0	0	0
NOV	0	0	0
Kaiyodenshi	0	0	0
Core-IRM	0	0	0
Other	0	0	0

Marine Information @24:00	
Heave (m)	0.7
Pitch (deg)	0.7
Roll (deg)	0.2
Vessel Heading (deg)	135
Riser Tension (ton)	-
V.D. Load (Moon)	9192.9
Max Draught (m)	9.0
Thruster (KW)	1,940

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
HUNS cards		
Remarks		

Weather Information													
Time	Weather	Temp. (degC)		Barometer (hPa)	Speed (m/s)	Wind		Wave			Current Dir. (deg)	Visibility (km)	
		Air	SW			Dir. (deg)	Gust (m/s)	Height (m)	Dir. (deg)	Period (s)			Speed(knt)
24:00	c	13.0	17.0	1008.6	13.2	334.0	14.5	2.7	350	8.9	0.8	290	22

Today's Schedule : Rig down guide horn. Disembark scientists and CDEX operation staff.