

Chikyu DAILY MORNING REPORT

Mission No. :

CK12-06

Exp. No. :

Exp 338

Report No. :

101

Site Name : @24:00 C0021 Hole Name : C0021B Lat. 33°10.0555'N Long. 136°39.8610'E Report Date : 10/Jan/2013
 Depth : @24:00 3,167.00 mBRT 194.50 mbsf Progress : 0.00 m Seabed Depth : 2,972.50 mBRT RT-MSL : 28.5 m
 Depth : @06:00 - mBRT - mbsf Drilling/Coring/Logging Hrs. : 0.00 hrs LAST CASING : - x mbsf(- mBRT)
 Summary of Operation on 9-Jan : Lay out 5-1/2" DP, 8-1/2" DC and core barrel while POOH 11-7/16" HPCS coring assembly.
 Present Operation to 06:00 on 10-Jan : Flow test for 8-1/2" SD-RCB assembly. mBRT: meter below rotary table
 mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	19:00	19:00	Trip	Lay out 5-1/2" S-150 DP (225ts) while POOH. Meanwhile: (10:00-02:15) circulate sea water (2 times of string volume) @2833.5mBRT (above the seawater), 120-140spm x 2.5-4.6MPa. (3:00-14:45) Start drift 0.5knot for mitigate vibration. (17:15-) Resume to drift 0.5knot (17:45-18:00) RIH remained 3stds 5-1/2" S-150 DP.
19:00	21:45	2:45	Trip	Resume POOH to 247mBRT. (19:00-21:45) Rack back 5" S-140 DP (27stds) in derrick.
21:45	23:15	1:30	Trip	Lay out 5-1/2" S-150 DP (12stds) while POOH.
23:15	24:00	0:45	Trip	Lay out 8-1/2" DC for coring (2stds) while POOH. Meanwhile: Prepare one set of inner barrel for SD-RCB. Install plastic core liner, core catcher, check valve into inner barrel.
Offloading				
Mud chemicals Consignment list (NOV, Smith, BHC) 7DC (15stds) 9-1/2"DC(8stds)				

Time Breakdown (00:00 - 06:00 on 10-Jan) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	1:30	1:30	Trip	Lay out 8-1/2" DC for coring (9stds) while POOH.
1:30	2:15	0:45	Trip	Break connection and check head sub, top sub and landing sever sub. OK. Break connection of bit and bit sub. Lay out outer barrel.
2:15	5:00	2:45	Trip	Make up SD-RCB outer barrel. Make up PDC bit, bit sub, wistab, drill collar sub, long top sub wistab w/28KN-m make up torque. Install and space out inner barrel. Landing check inner barrel by dropping 1 m. Adjust clearance between bit inside and inner barrel from 12mm to 5mm by 3.5 turning to extend. Check space out again and confirm 5mm gap against bit, OK. (01:30-05:00) Move to low current area to 16mile NNW from the starting point.
5:00	6:00	1:00	Trip	Run SD-RCB assembly to 500mBRT for flow test.

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	A	B	G	O.D.	RP
RR5c	11.4375	ULTERRA	CC3	537	C2059	4 x 16	2972.50	3167.00	194.5	3.50	0	100	10	50	3.9	2	2	WT	A	2	I	-	TD	
No.6	8.5	Makai	KM7191	-	88894	TFA 0.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

BHA Record

HPCS/ESCS	RR5c	Core Bit x bit sub x core barrel x Landing sub x Top sub x Head sub x 8-1/2"DC(11) x XO x 5-1/2" DP S-150 (12) x 5"DP S-140 27 stds x 5-1/2"DP S-150	Hook Wt. (kN) @24:00	mBRT
SD-RCB	No.6	PDC Core Bit x bit sub wistab x drill collar sub x long top sub wistab x XO x 5" DP S-140 (13stds) x XO		275
			below 8-1/2"DC	220
			Hook load	
			Hook block w/HPS	720

Mud Properties

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gal St (10", 10')	WL	Cake	pH	PF	Cl-	Sand	Oil	Solid	K+	LGS	MBC	Temp (In / Out)	n	K
SWG		91	1.04	10	42	14	15			10.7									17	0.25	10.69

Mud Pumps - 14-P-220 @ 4.98 gallon/stroke @97%

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

Personnel @24:00

Name	Position	Count
CDEX	Crew	7
MOJ	Crew	96
MOJ	Other	5
MOJ	Subsea E	5
MWJ		19
Scientist	IODP	16
Teinite		1
Core-IRM		5
NLC		1
JAPEX		1
Schlumberger		3
K2 Vetsu		2
Cameron		4
ModuSpec		2
MIR Inspection		1
Total		168

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

Item	Received	Used	Stock
Barite (Bulk)	0	0	312,000
Kunigih-V0 (Bulk)	0	0	18,000
Lime	0	0	1,400
NaCl	0	0	14,000
Tel-Polymer DX / L / H	0/0-600	0/0/0	0/0/0
Teinite	0	0	200
Soda Ash	0	0	250
KOH	-1800	0	0
Clean Lube	-6400	0	0
Lignite NC	0	0	0
Admix S	0	0	0
Treat HS	0	0	0
Defoamer 30C / 15	0/0	0/0	160/0
ModuSpec	0	0	0
Teinite GXL	0	0	0
Tel Clean	0	0	0
Baracor-100 (gal)	0	0	0
Tel Stop G / P	0/0	0/0	0/0
Tel Mics C / M / F	0/0/0	0/0/0	0/0/0
Tel Plug C / M / F	0/0/0	0/0/0	0/0/0
Tap Cal C / M / F / FF	0/0/0/0	0/0/0/0	0/0/0/0
Speeder P / X	0/0/0	0/0/0	0/0
Teinite OS-5	0	0	120
Teinite HEC	0	0	0

Geologic Information

From	To	Lithology of core

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	92.7	95.5	290.7
Potable Water	m3	0.0	7.4	152.1
Drill Water	m3	0.0	0.9	709.8
Fuel	m3	0.0	48.4	1,870.5
Lube, Oil	Ltrs	0.0	500.0	61,800.0
Hot Fuel	Ltrs	0.0	0.0	800.0
Cement "C"	ton	0.0	0.0	280.0

Boat Information @24:00

Boat Name	Status @24:00	Time @Chikyu	
		Departed	Arrived
Shinhou-manu	Chikyu		14:00
Hakuyu-manu	Chikyu		

Weather Information

Time	Weather	Temp. (degC)	Barometer	Wind		Wave		Current		Visibility (km)		
				Dir. (deg)	Speed (m/s)	Dir. (deg)	Dir. (deg)	Speed(knt)	Dir. (deg)			
24:00	bc	10.5	1015.3	8.7	310.0	10.3	1.4	20	5.8	3.2	67	22.0

Today's Schedule : Flow test for 8-1/2" SD-RCB assembly. POOH. Offload material

Reported by : D. Ikenomoto / T. Yokoyama
 Approved by : T. Saruhashi