

Chikyu DAILY MORNING REPORT

Mission No. : C0022B/C0021B

CK12-06

Exp. No. : Exp 338

Exp 338

Report No. :

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Site Name : C0022 Hole Name : C0022B/C0021B Lat. : 33°13.0833'N/133°10.0555'E Long. : 136°43.4667'E/136°39.8610'E
 Depth : @24.00 3,122.00 mBRT 419.50 mbsf Progress : 28.50 m Seabed Depth : 2,702.50 mBRT RT-MSL : 28.5 m
 Depth : @06.00 mBRT mbsf Drilling/Coring/Jetting Hrs. : 1.50 hrs LAST CASING : x mbsf(mBRT)

From	To	Hrs	Code	Detail of Operation
0:00	0:30	0:30	Core(Other)	Continue recover ESCS inner barrel with 10spm x 0.3MPa.
0:30	1:00	0:30	Core(Other)	Drop ESCS inner barrel, run sinker bar to 500m and chase with 40spm. Landing after 18min and pressure increase 0.1 to 2.5MPa. Check pressure 60-80-100-120spm x 5.7-10.0-15.3-22.6MPa.
1:00	1:30	0:30	Core	Cut #39 ESCS core (3093.5-3103.0mBRT, 391-400.5mbsf, 9.5m). WOB: 50-100kN, Pump: 40spm x 2.6-2.8MPa, HPS: 40rpm x 1.0-7.0kN-m. (ROP ave 21.11m/hr)
1:30	2:30	1:00	Core(Other)	Run sinker bar and recover ESCS inner barrel with 15spm x 0.2MPa.
2:30	3:00	0:30	C&C	Sweep out 10m3 SWG, 180spm x 8.3MPa.
3:00	3:45	0:45	Core(Other)	Drop ESCS inner barrel and chase with 60spm. Landing after 14min and pressure increase 0.5 to 5.4MPa. Check pressure 80-100-120spm x 9.4-14.3-20.6MPa. Make connection.
3:45	4:15	0:30	Core	Cut #40 ESCS core (3103.0-3112.5mBRT, 400.5-410.0mbsf, 9.5m). WOB: 50-100kN, Pump: 40spm x 2.6-3.0MPa, HPS: 40rpm x 1.0-7.5kN-m. (ROP ave 25.9m/hr)
4:15	5:30	1:15	Core(Other)	Run sinker bar and recover ESCS inner barrel with 11spm x 0.3MPa.
5:30	5:45	0:15	C&C	Sweep out 10m3 SWG, 180spm x 6.6MPa.
5:45	6:00	0:15	Core(Other)	Drop ESCS inner barrel and chase with 60spm. Landing after 15min and pressure increase 0.5 to 5.4MPa. Check pressure 80-100-120spm x 9.2-15.2-21.7MPa.
6:00	6:30	0:30	Core	Cut #41 ESCS core (3112.5-3122.0mBRT, 410.0-419.5mbsf, 9.5m). WOB: 40-90kN, Pump: 40spm x 2.6-2.8MPa, HPS: 40rpm x 1.0-7.0kN-m (ROP ave 31.67m/hr)
6:30	7:45	1:15	Core(Other)	Run sinker bar and recover ESCS inner barrel with 11spm x 0.3MPa.
7:45	8:15	0:30	P&A	Spot kill mud (1.30sg) 28m3 and displace 23m3 seawater.
8:15	23:30	15:15	Trip	POOH to surface. Lay out 96 fts of 5"DP S-140.

Meanwhile, recover transporter.
 Move (9:55-10:32) move 425m to 35deg (10:32-11:15) Sent release signal from chikyu and pick up BCN ADD 308 by watch boat
 (11:42-12:30) move 680m to 90deg (12:12-12:59) Sent release signal from chikyu and pick up BCN ADD 311 by watch boat
 (13:02-13:47) move 670m to 180deg (13:20-14:07) Sent release signal from chikyu and pick up BCN ADD 807 by watch boat
 (14:12-14:49) move 570m to 270deg (14:47-15:29) Sent release signal from chikyu and pick up BCN ADD 808 by watch boat

No.	Core System	Core on Deck	Depth (mBRT)		Advance	Recovery		Lithology	Remarks
			from	to		m	%		
38	ESCS	00:28	3,084.0	3,093.5	9.5	10.1	106.3%	Dark greenish gray soft-firm silty claystone	
39	ESCS	02:20	3,093.5	3,103.0	9.5	8.3	87.4%	Dark greenish gray firm silty claystone	
40	ESCS	05:17	3,103.0	3,112.5	9.5	6.25	65.8%	Dark greenish gray firm silstone	
41	ESCS	07:43	3,112.5	3,122.0	9.5	6.22	65.5%	Darf greenish gray mudstone	

End of Job for C0022B.
 Start Job for C0021B.
 Prepare lay out 6-5/8" UD-165 drillpipe.
 Meanwhile, move vessel to C0021B location

From	To	Hrs	Code	Detail of Operation
0:00	6:00	6:00	Other	Lay out drill pipe. (0:00-6:00) 6-5/8" UD-165 60fts.
				Meanwhile, reach vessel to 2mile west from C0021B location at 1:15. Prepare make up SD-RCB BHA.

BIT	Size (in)	MFR	Type	IADC Code	S.No.	Nozzles	Depth (mBRT)		Meterage	Hrs.	WOB (kN)		rpm	Total Rev. (Rev)	Dull Condition								
							From	To			Min.	Max.			Min.	Max.	Inner	Outer	Dull	Loc.			
RR5b	11.4375	ULTERRA	CC3	S37	CZ059	4 x 16	2702.50	3122.00	419.5	14.41	10	100	40	80	36.5	2	2	WT	A	2	-18	NO	TD

BHA Record : RR5b 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 42 stds x 5-1/2"DP S-150
 Hook Wt. (kN) @24.00 3,122.0 mBRT 275

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St. (10 ¹ , 10 ²)	WL	Cake	pH	PF	Cl-	Sand	Oil	Solid	K+	LGS	MBC	Temp (Rev) In	Temp (Rev) Out	n	K
SWG		Plt	1.04	87	8	41	11	12		11.3									16	18	0.22	12.57
kill mud		Plt	1.30	73	28	18	5	15		10.2									18	18	0.69	0.64

Mud Pumps : 14-P-220 @ 3112.5 mBRT		4.98 gallon/stroke @97%	
No.	Liner Size	SPM	GPM
1	6"	180	896
2	6"		
3	6"		

Personnel @24:00		Mud Materials on board @24:00hrs	
Item	Received	Used	Stock
CEEX	8		
MUJ Crew	95		312,000
MUJ (other)	5		18,000
MUJ (Add subsea E)	3		1,400
MWJ	20		14,000
Scientist, IODP	15	0/0/0	0/0/0
Tenite	1	0	25
Core-IRM	6	0	250
Core-IRM	1	0	6,400
JAPEX	1	0	0
Schlumberger	3	0	0
K2 Velosi	2	0	0
Camaron	3	0	0
ModuSpec	2	0/0	0/0
MR Inspection	1	0	0
Tel Clean	0	0	0
Baracor-100 (gal)	0	0	0
Tel Stop G / P	0/0	0/0	0/0
Tel Mica 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
Tan 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
Tenite OS-5	0	0	120
Tenite 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	91.5	91.5	316.8
Potable Water	m3	0.0	12.3	180.3
Drill Water	m3	0.0	0.0	716.6
Fuel	m3	0.0	48.1	2,062.0
Lube Oil	Ltrs	0.0	500.0	62,700.0
Hel Fuel	Ltrs	0.0	0.0	800.0
Cement "G"	ton	0.0	0.0	280.0

Boat Information @24:00		
Boat Name	Status @24:00	Time @Chikyu
Shinchoo-maru	Chikyu	Departed
Hakuryu-maru	Chikyu	Arrived

Weather Information												
Time	Weather	Temp (degC)	Barometer (hPa)	Wind Speed (m/s)	Dir. (deg)	Gust (m/s)	Height (m)	Dir. (deg)	Period (s)	Current Speed(knt)	Dir. (deg)	Visibility (km)
24:00	o	10.0	20.8	1020.4	5.3	333.0	6.9	1.2	50	9.4	3.5	93

Today's Schedule : Make up and run 8-1/2" SD-RCB. Drill out to 145mbsf and cut cores.

Reported by : K. Takase / S. Kataoka
 Approved by : T. Saruhashi