Chikyu DAILY MORNING REPORT

Mission No. : CK12-06 **Exp. No. :** Exp 338 **Report No. :** 64

Site Name : C0012 **Hole Name :** C0012H **Lat.** 32° 44.8783'N **Long.** 136° 55.0351'E **Report Date :** 4/Dec/2012

Depth : @24:00 - mBRT - mbsf Progress : 0.00 m Seabed Depth : - mBRT 642.5 RT-MSL : 28.5 m

Depth : @06:00 - mBRT - mbsf Drilling/Coring/Jetting Hrs. : 0.00 hrs LAST CASING : - x - mbsf(- mBRT)

Summary of Operation on 3-Dec : Run 12-1/4" LWD drilling assembly. Troubleshoot LWD. POOH.

Present Operation to 06:00 on 4-Dec : Re-run 12-1/4" LWD drilling assembly.

mBRT: meter below rotary table

mbsf: meter below sea floor

Time Breakdown (00:00 - 24:00 on 3-Dec

From	To	Hrs	Code	Detail of Operation
0:00	1:15	1:15	Other	Continue to make up 6-5/8"HWDP knobby stand, total 3jts x 2 stds.
1:15	4:00	2:45	Trip	Pick up and make up 12-1/4"LWD assembly. Pick up and make up GVR-8 with 12-1/8"stab, ARC-8, Telescope 825HF, 12-1/8"inline stab and sonic VISION. Make up bit. Make up 12-/8"stab above sonicVISION. Pick up and make up 7-3/4"LI-Mechanical Jar (New: S/N D-712H).
4:00	4:30	0:30	Log(Other)	Conduct #1 LWD shallow test. Pump 140spm (700gpm) x 4.0MPa. Indicate abnormal value while test for GVR button resistivity due to affection from guide horn.
4:30	5:15	0:45	Trip	Resume run 12-1/4" LWD assembly to 84mBRT.
5:15	5:30	0:15	Log(Other)	Conduct #2 LWD shallow test @84mBRT. Pump 140spm (700gpm) x 4.9MPa "OK".
5:30	10:15	4:45	Trip	Resume run 12-1/4" LWD assembly to 2028mBRT. Fill up with seawater every 10stds.
10:15	10:45	0:30	Log(Other)	Conduct #3 LWD test @2028mBRT. Pump 140spm (700gpm) x 11.5MPa "OK".
10:45	11:30	0:45	Other	Rack back 5 stds (3joint stds) while POOH from 2178 to 2035mBRT.
11:30	14:45	3:15	Trip	Resume run 12-1/4" LWD assembly to 3493mBRT. Fill up with seawater every 10stds.
14:45	15:30	0:45	Other	Break circulation @3493mBRT. Pump: 120-140-160-180-200spm (600-700-800-900-1000gpm) x 10.0-13.5-18.0-22.6-27.5MPa. LWD signal "OK".
15:30	18:30	3:00	DSF(N)	Troubleshoot no signal from Telescope when make connection after circulating @3525mBRT. Attempt get signal by increase pump rate to 200spm (1000gpm), stop and pumping and change pump rate 60-120-160 spm (300-600-800gpm), was not improved. (16:00) Suddenly, come back signal. But after 3 min, stop signal again. Perform downlink Telescope while 11 times cycle of decrease to 180spm and increase to 200spm, was not improved. Increase pump rate to 220spm (1100gpm) x 31MPa, was not improved. Perform flush out 5m3 seawater gel mud with 200spm x 27.3MPa, was not improved.
18:30	21:30	3:00	Trip(N)	POOH to 2033mBRT.
21:30	22:00	0:30	Log(Other N))	Conduct #4 LWD test @2033mBRT, was not improved.
22:00	24:00	2:00	Trip (N)	Resume POOH to surface.
				(00:08-02:58) Suddenly stop internet and IP phone. The Singlet customer services were forgot tell to Chikyu for routine maintenance.

Time Breakdown (00:00 - 06:00 on 4-Dec) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	2:30	2:30	Trip (N)	Continue to POOH to 90mBRT.
2:30	2:45	0:15	Log(Other N)	Connect HPS. Conduct LWD shallow test @90mBRT. 140spm 4.9Mpa. Signal comes. Observe turbine jamming alert from telescopic joint.
2:45	4:30	1:45	Trip(N)	Resume POOH to surface. Check bit inside. OK.
4:30	6:00	1:30	Trip (N)	Lay out and replace telescopic joint.

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
RR2b	12-1/4"	NOV	DSH616D-12	M423	A162762	7 x 12, 2 x 11	-	-	-	-	-	-	-	-	-	1	2	BT1,CT5	S	X	I	NO	DTF

BHA Record

LWD Drlg	RR2b	12-1/4"bit x GVR x ARC-8 x Telescopic x 12-1/8" ILS x sonicVISION x 12-1/8"stab x 8-1/2" DC (9) x 7-3/4"Jar x 8-1/2" DC (3) x 5.68HW (12) x 5"DP S-140 (46stds) x 5-1/2"DP S-150

Hook Wt. (kN) @ 3,525.0 mBRT

BHA	385
below HWDP	320
below jar	265
Hook load	2300
Hook block	700

Mud Properties

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St. (10", 10')	WL	Cake	pH	Pf	Cl-	Sand	Oil	Solid	K+	LGS	MBC	Temp In	Temp Out	n	K
SWG	08:00	pit	1.04	81	12	47	17	18		12.0									19		0.27	11.16
Kill Mud	14:00	pit	1.30	106	15	25	26	40		10.5									23		0.46	2.28

Mud Pumps : 14-P-220 @ 3525.0 mBRT 4.98 gallon/stroke @97%

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min) DC	Ann. Vel. (m/min) DP
1	6"	220	1096	31.0		
2	6"					
3	6"					

Personnel @24:00

CDEX	6
MQJ Crew	95
MQJ (Other)	1
MQJ (Add subsea E)	2
MWJ	15
NME	0
Scientist, IODP	17
Telnite	1
Oceaneering	6
NOV	0
MI Swaco	2
AXON	0
SES	0
Vetcogray	0
Geoservices	0
Schlumberger-CMT	0
Schlumberger-DD	0
Schlumberger-LWD	2
Frank's	0
Blohm Voss	0
NOV-Anderreamer	0
Shinsei kougyo	0
TV Crew	0
Total	147

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

Item	Received	Used	Stock
Barite (Bulk)	0	26,500	449,500
Kunigel-VO (Bulk)	0	3,000	42,000
NaOH	0	50	825
Lime	0	0	2,960
NaCl	0	0	31,000
KCl	0	0	26,000
Tel-Polymer DX / L / H	0/0/0	0/0/40	5420/4120/2140
XCD-Polymer	0	50	1,025
Soda Ash	0	0	1,350
KOH	0	0	850
Bi-Carbonate	0	0	1,050
Clean Lube	0	0	6,000
Tel DD	0	0	3,400
Lignate NC	0	0	4,800
Astex S	0	0	0
Treat HS	0	0	1,680
Defoamer 30C / 15	0	0/0	192/160
Telnite GXL	0	0	342
Tel Clean	0	0	1,232
Baracor-100 (gal)	0	0	110
Tel Stop G / P	0/0	0/0	2160/1000
Tel Mica C / M / F	0/0/0	0/0/0	1500/480/1000
Tel Plug C / M / F	0/0/0	0/0/0	1500/3000/500
Tan Cal C / M / F / FF	0/0/0/0	0/0/0	2700/2010/1200/2100
EZ Spot	0	0	550
Speeder P / X	0	0	1,700/1,700
Rester	0	0	0
Telnite OS-5	0	0	120
Telnite HEC	0	0	100

Cutting skip @24:00

Load (E)		Empty	0
Kaiyu	0	Full	0
Shincho-maru	0	Back up	0
Offload (F)		S.Boat (E / F)	0/0
Kaiyu	0	@ Shingu	45
Shincho-maru	0	total	45

Geologic Information

From	To	Lithology of cuttings

Shale Shaker Centrifuge: hrs

No.1	#20 x 3/#110 x 4	No.4	#20 x 3/#110 x 4	No.1	0.00
No.2	#20 x 3/#230 x 4	No.5	#20 x 3/#230 x 4	No.2	0.00
No.3	#20 x 3/#110 x 4	No.6	#20 x 3/#110 x 4	No.3	0.00

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	94.2	93.2	291.4
Potable Water	m3	0.0	16.8	258.8
Drill Water	m3	0.0	69.3	1,631.4
Fuel	m3	0.0	36.9	3,805.0
Lube, Oil	Ltrs	0.0	0.0	84,000.0
Heli Fuel	Ltrs	0.0	0.0	800.0
Cement "G"	ton	0.0	0.0	280.0

Boat Information @24:00

Boat Name	Status	Time @Chikyu Departed	Time @Chikyu Arrived
Shinchou-maru	Move to C0012 site		
Hakuryu-maru	Sea current survey		

Mud Volume (m3)

Kill Mud (1.30sg)	67
KNPP (1.07-1.12sg)	549
SWG (1.04sg)	65
Prehy Gel (1.05sg)	170

Heli Information

Flt. No.	Time Arrived	Time Departed	Passenger Are.	Passenger Dept.
1	09:24	09:30	0	5
2				
3				

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	26	

Remarks

General safety meeting @ 7:00, 13:00, 19:00 and 0:30 in 4th Dec.

Marine Information @24:00

Heave (m)	0.5
Pitch (deg)	0.5
Roll (deg)	0.3
Vessel Heading (deg)	97
Riser Tension (kN)	-
V.D. Load (Moon)	14004.1
Max Draught (m)	9.0
Thruster (kW)	1210

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	o	17.0	22.4	1011.3	9.4	78.0	11.0	2.8	40	8.7	1.7	93	22.0

Today's Schedule : Run and drill 12-1/4" LWD hole.

Reported by : T. Otani / D. Ikenomoto

Approved by : I. Sawada