

**Chikyu DAILY MORNING REPORT**

Mission No. :

CK16-02

Exp. No. 365

Report No. :

19

Site Name : C0010

Hole Name : C0010A

Lat. 33° 12.5981'N

Long. 136°41.1924'E

Report Date : 14/Apr/2016

Depth : @24:00 3,206.0 mBRT

654.0 mbsf

Progress : 0.0 m

Seabed Depth : 2,555.00 mBRT

Drilling/Coring/Jetting Hrs. : hrs

RT-MSL : 28.5 m

LAST CASING : 9 5/8IN

x 547.80 mbsf

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

Summary of Operation on 13-Apr

Present Operation to 06:00 on 14-Apr

Time Breakdown (00:00 - 24:00 on 13-Apr)

Install sensor cables binding with cable tie and ROV platform onto CORK. RIH LTBMS attaching VIV rope. Drift vessel w/0.6knot.  
Cont. Drift vessel to well center w/0.6knot.

From	To	Hrs	Code	Detail of Operation
0:00	1:00	1:00	OTHER	Test 3ea x sensor cables (Confirm all sensors work well). Remove AFT bridge. Transfer 20' container to AFT pipe rack. Transfer sensor data recorder to BOP cart. Skid moonpool carts to well center and apply green grating as the bridge between moonpool carts
1:00	2:30	1:30	OTHER	Bind sensor cables on 3-1/2" TBG and CORK head with Cable tie on cable and SUS band at centralizer
2:30	6:15	3:45	OTHER	Install 3ea x sensor cables and the connectors on CORK head. Wind up extra length of sensor cables on cable bay of CORK head. (1large loop + 2adjusted loops for connector position) Install 3ea x ODI connector cable on ODI connector plate
6:15	8:00	1:45	OTHER	Install ROV Platform on CORK head with data logger. 6:15 Lower down LTBMS completion assembly. 6:30 Assemble ROV Platform. 7:00 Install sensor data recorder onto designated area of ROV Platform. Attach 10m Nylon rope with shackle on each side at STBD side of ROV Platform at moonpool. 7:30 Pick up LTBMS completion assembly to land ROV Platform on CORK head. 7:45 Install Anti-Rotation Block between CORK head and ROV Platform.
8:00	9:45	1:45	OTHER	Test 3ea x sensor cables through sensor data recorder. Find current value increased by testing through data recorder.
9:45	12:45	3:00	OTHER	RIH LTBMS completion assembly to 700mBRT. Skid out moonpool carts. Transfer Guide Roller from Middle pipe rack to BOP cart and secure with bolts. Change heading for ROV dive
12:45	13:30	0:45	OTHER	Couduct sensor test with ODI wet mate connector by scientist (Strainmeter, Tiltmeter, Seismometer: All good) @ 720mBRT
13:30	15:00	1:30	OTHER	Resume run completion assembly to 1300mBRT. Fill up every 5stds. Arrange moonpool for attaching VIV suppression rope
15:00	16:30	1:30	OTHER	Terminate 4ea of VIV suppression ropes on the designate position with enough smartband, thin rope and duct tape.
16:30	20:00	3:30	OTHER	Resume run completion assembly from 1300 to 1800mBRT attaching VIV suppression rope. Fill up every 5stds. Bind VIV suppression ropes with 3ea of smart bands on each joint (Above and below on tool joint, and middle of pipe body).
20:00	21:00	1:00	OTHER	Couduct sensor test with ODI wet mate connector by scientist (Strainmeter, Tiltmeter, Seismometer: All good) @1800mBRT Perform short term sensor test for prevent damage on the ODI wet mate connector due to strong heave. Activate AHC while testing.
21:00	24:00	3:00	OTHER	Drift vessel with 0.6 knot to well center with ROV which glabs towing rope at 5m from ROV platform rim( 10m nylon rope with 10 ton shackles on each side) Keep string picking up & down (+/- 1.5m) per one hour. ROV: 12:30 Dive with ODI wet mate connector and IHPU hotstab 13:15 Recover ROV for arrange IHPU hotstab then 13:30 dive again

D/V "Chikyu"			
Time	distance from W/C	sea current	current direction
0:00	13.9 mile	0.6 knot	94 deg
4:00	12.7 mile	0.5 knot	75 deg
8:00	11.5 mile	0.7 knot	102 deg
12:00	10.2 mile	1.0 knot	109 deg
16:00	9.0 mile	1.1 knot	88 deg
20:00	7.8 mile	0.9 knot	117 deg
24:00	5.7 mile	1.3 knot	118 deg

Time Breakdown (00:00 - 06:00 on 14-Apr) \* The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	6:00	6:00		Continue to drift vessel with 0.6knot to well center. ROV grab towing rope and monitor CORK head condition. RCB coring preparation at Auxiliary well. Keep string picking up & down (+/- 1m) per one hour. Current information@6:00 Chikyu:2.5knots @ 2miles offset form well center 3.5knots @ well center

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
BHA Record																Hook Wl. (kN) @ 1800mBRT					
																Total Hook Weight 1,375					
Mud Properties																HPS & Traveling block 750					

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St. (10 <sup>3</sup> , 10 <sup>1</sup> )	WL	Cake	pH	PI	Cl-	Sand	Oil	Solid	K+	LGS	MBC	Temp In	Temp Out	n	K
PHG	17:00		1.05	241	68	80	56 : 88			8.0									21	21	0.55	4.94
NaCl Brine	11:00		1.15							11.2									21			

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

Personnel @24:00	
CDEX	7
Scientist	11
MIQJ Crew	98
MIQJ (Other)	2
MWJ	14
ROV	6
NuStar	3
Cementing (Sch)	3
ODI	2
Telmis	1
Franks	4
Swellpacker(Halliburton)	1
<b>Total</b>	<b>152</b>

Mud Materials on Board @24:00hrs (unit: kg)			
Item	Received	Used	Stock
Barite (Bulk)			6,000
Kunigel-VO (Bulk)			31,000
Calcium hydroxide			2,680
Caustic soda			2,475
XCD-Polymer			175
Defoamer 30C			160
teinite GXL			144
Riesler			3,700
Treat HS			1,000

Geologic Information		
From	To	Lithology of core

Materials Stock on Board @24:00				
Item	Unit	Received	Used	Stock
Fresh Water	m <sup>3</sup>	41.7	59.7	243.0
Potable Water	m <sup>3</sup>	0.0	3.6	290.5
Drill Water	m <sup>3</sup>	0.0	2.5	2,245.8
Fuel	m <sup>3</sup>	0.0	46.8	6,745.7
Lube Oil	Ltrs	0.0	0	119,200
Heil Fuel	Ltrs	0.0	0	0.0

Mud Volume (m <sup>3</sup> )	
Prehy Gel (1.05sg)	200
NaCl Brine (1.15sg)	40
Kill Mud (1.30sg)	0

BOAT INFORMATION		
Boat Name	Status	Time
Prehy Gel	Departed	Arrived
Heisei-maru	Current survey	-
Akatsuki	Current survey	-

HELICOPTER INFORMATION			
Flt No.	Time Arrived	Time Departed	Passenger
1	9:20	9:30	9 10
2	11:30	11:40	10 10
3	13:50	14:00	8 9
4			

Safety (HSE) and other information		
Incident	Last Incident	No. LTA
LTA		
HUNTS cards 13		
Remarks		

Marine Information @24:00	
Heave (m)	1.4
Pitch (deg)	0.7
Roll (deg)	0.3
Vessel Heading (deg)	200
Riser Tension (ton)	-
V.D. Load (Moon)	15297.4
Max Draught (m)	9.00
Thruster (kW)	1,690

Weather Information												
Time	Weather	Temp. (degC)	Barometer	Wind	Wave	Current	Visibility					
		Air	SW (hPa)	Speed (m/s)	Dir. (deg)	Gust (m/s)	Height (m)	Dir. (deg)	Period (s)	Speed(knt)	Dir. (deg)	(km)
24:00	o	19.0	17.5	1007.0	12.9	170.0	14.7	2.5	130	6.7	1.3	118
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Today's Schedule : Cont. drift vessel w/0.6knot. Test sensors after drifting. RIH completion assembly attaching VIV suppression rope from 1800mBRT. Reentry

Reported by : N.Sakurai / T.Yokoyama  
Approved by : T.Saruhashi