

**Chikyu DAILY MORNING REPORT**

**Mission No. : CK16-02 Exp. No. 365**

**Report No. : 4**

**Site Name : C0010** Hole Name : **C0010A** Lat. **33° 12.5861'N** Long. **136° 41.1924' E** Report Date : **30/Mar/2016**  
 Depth : @24.00 mBRT mbsf Progress : m Seabed Depth : mBRT RT-MSL : **28.5** m  
 Depth : @06.00 mBRT mbsf Drilling/Coring/Jetting Hrs. : hrs LAST CASING : x mbsf  
 Summary of Operation on **29-Mar** : Stand-by @ Shimizu Port. Sail out & preparation for packer retrieval to C10 site  
 Present Operation on **30-Mar** : Arrive C10 location, dive ROV with four transponders  
 Time Breakdown ( 00:00 - 24:00 on **29-Mar** ) mBRT: meter below rotary table  
 mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation																
0:00	9:00	9:00	OTHER	Stand-by @ Shimizu Port. General maintenance work (PM, Weekly checks, Daily checks). Continue sea fastening Continue preparing tools & sketch																
9:00	24:00	15:00	MOVE	Move to C0010 site. Meanwhile Installation training Smartband with VIV suppression rope for 5.5in DP Installation training SUS band for completion 3.5in TBG MU HART with 6m S-140 then lay down to middle pipe rack deck (HART XO torque up with 36,000 ft-lbs by torque master) MU On-off tool with 3m S-140 then lay down to middle pipe rack deck (On-off tool and port sub torque up with 10,864 ft-lbs by torque master) Pick up, make up 3 stands (12 [ts] 5.68" HWDP and rack in derrick. Pick up, make up CMT stand and rack in derrick.																
Supply boat, Akatuki leave Shingu Port @16:00 for C0010 site. Watch boat, Heiseimaru leave Shingu Port @ 20:00 for C0010 site. Akatuki survey sea current 1.4 mile from Well center, direction 330deg from the site, 4.2knots <100deg>.																				
<table border="1"> <thead> <tr> <th>Location</th> <th>Wind m/s/deg.</th> <th>Sea m/deg.</th> <th>Ave. speed last 6 hrs/total knots</th> </tr> </thead> <tbody> <tr> <td>12:00</td> <td>34-55.0N 138-34.0E</td> <td>2.4m/s&lt;225&gt;</td> <td>0.4m&lt;170&gt; 6.5kt / 6.5kt</td> </tr> <tr> <td>18:00</td> <td>34-11.6N 137-53.1E</td> <td>4.0m/s &lt;218&gt;</td> <td>1.1m &lt;280&gt; 9.3kt / 9.3kt</td> </tr> <tr> <td>24:00</td> <td>33-29.3N 137-01.5E</td> <td>9.8m/s &lt;241&gt;</td> <td>1.1m &lt;280&gt; 10.0kt / 9.7kt</td> </tr> </tbody> </table>					Location	Wind m/s/deg.	Sea m/deg.	Ave. speed last 6 hrs/total knots	12:00	34-55.0N 138-34.0E	2.4m/s<225>	0.4m<170> 6.5kt / 6.5kt	18:00	34-11.6N 137-53.1E	4.0m/s <218>	1.1m <280> 9.3kt / 9.3kt	24:00	33-29.3N 137-01.5E	9.8m/s <241>	1.1m <280> 10.0kt / 9.7kt
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Time Breakdown (00:00 - 06:00 on **30-Mar**) \* The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	3:30	3:30	Move	Continue to move to C0010 site. Arrive C10 location at 3:30 Meanwhile Pick up, make up Jar with two flex joint then lay down to middle pipe rack deck <Sea current survey by Akatsuki> Well center, 4.4knot <90deg> 15 miles away from Well center, direction 210deg from the site, 3.0 knots <100 deg> 20 miles away from Well center, direction 210deg from the site, 2.5 knots <100 deg> 25 miles away from Well center, direction 210deg from the site, 2.3 knots <98 deg> 30 miles away from Well center, direction 210deg from the site, 2.1 knots <99 deg> 34.4 miles away from Well center, direction 210deg from the site, 2.0 knots <99 deg>. (Location: 32-42.8N 136-20.6E)
3:30	5:00	1:30	Other	Set DP mode, Install cursol rail
5:00	6:00	1:00	ROV	Deploy four transponders to ROV cage

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	O.D.

Mud Properties															Hook Wt. (kN) @ mBRT									
Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Get St. (10", 10')	WL	Cake	pH	PI	Cl-	Sand	Oil	Solid	K+	LGS	MBC	Temp In	Temp Out	n	K	Total Hook Weight	HPS & Traveling block
Kill mud	16:00		1.30	132	67	52	13 : 17			10.4									22		0.64	2.14		
PHG	17:00		1.05	216	60	86	26 : 68			8.9									22		0.50	6.60		750

Geologic Information		Personnel @24:00		Mud Pumps : 14-P-220 @ 5.00 gallon/stroke @97%						Safety (HSE) and other information														
From	To	Lithology of core	CDEX	Scientist	MQJ Crew	MQJ (Other)	MWJ	ROV	NuStar	Cementing (Sch)	W/L (Sch)	Telnite	BHI	Underreamer (Halliburton)	No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	Incident	Last Incident	No. LTA	
Materials Stock on Board @24:00			Mud Volume (m3)			Mud Materials on Board @24:00hrs (unit: kg)						Remarks												
Item	Unit	Received	Used	Stock	Prehy Gel (1.05sg)	SWG (1.04sg)	Kill Mud (1.30sg)	Barite (Bulk)	Kunigel-VO (Bulk)	Calcium hydroxide	Caustic soda	XCD-Polymer	Defoamer 30C	Treat HS	Rester	Treat HS	Heave (m)	Pitch (deg)	Roll (deg)	Vessel Heading (deg)	Riser Tension (ton)	V.D. Load (Moon)	Max Draught (m)	Thruater (kW)
Fresh Water	m3	22.4	60.9	312.5	306	0	40	6,000	31,000	2,680	2,500	175	160	144	3,700	1,000	0.3	0.3	0.2	230	-	16106.3	9.00	12,800
Potable Water	m3	0.0	3.7	342.5																				
Drill Water	m3	0.0	4.0	2,402.0																				
Fuel	m3	0.0	63.2	7,438.5																				
Lube, Oil	Ltrs	0.0	700	131,900																				
Helix Fuel	Ltrs	0.0	0	0.0																				

Weather Information		Wind										Wave			Current		Visibility
Time	Weather	Temp. (degC)		Barometer (hPa)		Speed (m/s)		Dir. (deg)		Gust (m/s)		Height (m)	Dir. (deg)	Period (s)	Speed(knt)	Dir. (deg)	(km)
24:00	c	16.0	17.2	1023.2	9.8	241.0	10.8	1.1	280	6.0	0.9	149	22				

Today's Schedule : Deploy four transponders, DPS calibration, RIH w/Retrieving tool

Reported by : N.Sakurai, D.Ikenomoto  
 Approved by : T.Saruhashi