

**Chikyū DAILY MORNING REPORT**

**Mission No. :** CK18-01 **Exp. No. 380**

**Report No. :** 20

**Site Name :** C0006 **Hole Name :** C0006G **Lat.** 33° 01.6388'N **Long.** 136°47.6463'E **Report Date :** 1/Feb/2018  
**Depth :** @24:00 4,395.0 mBRT 495.0 mbsf **Progress :** 0.0 m **Seabed Depth :** 3,900.00 mBRT **RT-MSL :** 28.5 m **Report Date :** 1/Feb/2018  
**Depth :** @06:00 4,395.0 mBRT 495.0 mbsf **Drilling/Coring/Jetting Hrs. :** 0.00 hrs **LAST CASING :** 9-5/8in x 391.00 mbsf  
**Summary of Operation on 31-Jan :** Cont. Flatpack cable termination. Cut off sensor cables for ODI connector. ODI cable connector termination.  
**Present Operation on 1-Feb :** Continue ODI cable connector termination. Install sensor cable. Sensor health check.  
**Time Breakdown (00:00 - 24:00 on 31-Jan)** mBRT: meter below rotary table  
 mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	0:45	0:45	COMPLETION	Continue flatpack cable termination on CORKhead Bind Flatpack w/SUS band until CORKhead *Meanwhile, (From 0:00 to 23:30) Continue #5 Sensor health check. Confirm all sensors good (Strainmeter, Seismometer, Tiltmeter, Thermistor)
0:45	4:30	3:45	COMPLETION	Take length measurement sensor cables and cut off for ODI connector termination. Shift Working cart & BOP cart to FWD, and swallow 3-1/2" TBG to RGR. Slack off and cut 3 x sensor cables 11m above from bottom of CORK head bay. Pass sensor cables through short spacer and lower CORK head at moonpool cart level for cable termination. Shift 20' Container to BOP cart closer and keep enough length to work for termination. Meanwhile, lay out spooler on Working cart and shift CGR to STBD side.
4:30	24:00	19:30	COMPLETION	Terminate sensor cables by ODI engineer in 20ft container. Perform sensor cable splice and hardening (From 04:30 to 08:00) Splice for sensor cables (From 08:00 to 14:00) Hardening resin for connector Sensor health check (From 14:20 to 14:50) Conduct Tiltmeter: OK (From 15:05 to 15:35) Conduct Strainmeter: OK (From 15:50 to 16:20) Conduct CMG: OK Perform hardening for connector (From 16:30 to 24:00) Hardening resin for connector  Meanwhile Prepare Activation kit for running completion assembly by NuStar engineer (From 14:00 to 15:00)JUWTV pre dive check w/OCC -OK (From 20:00 to 21:00)JUWTV light condition check on Moonpool Moon pool arrangement for UWTV dive Transfer CGR on upper deck, and PU wellhead support frame and UWTV on working cart  *Vessel move (From 19:50) Advisory states at 100m upstream from wellcenter as following WSOG instruction (due to Anemometer issue) (From 20:08) Vessel stop drifting at 50m upstream from wellcenter

Time Breakdown (00:00 - 06:00 on 1-Feb) \* The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	0:15	0:15	COMPLETION	Continue to terminate sensor cables by ODI engineer in 20ft container.
0:15	1:00	0:45	COMPLETION	Sensor health check in 20ft container. Confirm all sensors good (Strainmeter, Seismometer, Tiltmeter, Thermistor)
1:00	5:15	4:15	COMPLETION	Install sensor cables on CORKhead and conduct communication test for sensors. Put sensor cables away from CORKhead and PU them on upper worker platform. PU CORKhead and bind sensor cables with wrap and SUS band on lower worker platform. Lower CORKhead and secure cable loop on cable bay of CORKhead in order of Tiltmeter, Strainmeter and CMG. Install FACT connectors on connector bay.
5:15	6:00	0:45	COMPLETION	Sensor health check. Confirm Tiltmeter and Strainmeter good.

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.			Min.	Max.	Inner	Outer	Dull	Loc.	B

BHA Record																Hook Wt. (kN) @ 467 mBRT	
																Hook Load	670
																LTBMS completion	70
																HPS & Traveling block	600

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		n	K
																			In	Out		
PHG	9:00	PHG	1.06	300	47	75	60 : 87													16	0.47	6.51
SWG	10:30	SWG	1.11	300	47	92	72 : 89			10.9										16	0.42	10.12
Kill Mud	13:00	KillMud	1.30	100	37	26	27 : 45			10.7										16	0.63	0.99

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	No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	Incident	Last Incident	No. LTA
			Scientist	1	6							
			MJU Crew	2	6				0	0		
			MJU (Other)	15	6						41	
			MWJ	2	6							
0:00	24:00	S/B Akatsuki	NuStar	3								
0:00	24:00	G/B Meijmaru #8	Cementing (Sch)	3								
Helicopter	#1	On	Off	#2	On	Off	#3	On	Off			
Flight	9	8	8	8	8	8	3	4				
Materials Stock on Board @24:00				Mud Materials on Board @24:00hrs (unit: kg)				Remarks				
Item	Unit	Received	Used	Stock	Item	Received	Used	Stock				
Fresh Water	m3	93.3	90.7	322.7	Barite (Bulk) *			270,000				
Rotable Water	m3	0.0	4.9	280.3	TEL-GEL (Bulk)			38,000				
Brill Water	m3	0.0	0.0	1,998.0	Kunigel VO (Bulk)			41,000				
Fuel	m3	0.0	41.1	3,625.9	Caustic soda			1,225				
Lube Oil	Ltrs	0.0	0.0	82,900	Lime			1,020				
Hel Fuel	Ltrs	0.0	0.0	0.0	XCD-Polymer			100				
				Mud Volume (m3)	Baracor-100			0				
				Prehy Gel (1.06sg)	Telnite OS-5			0				
				SWG (1.11sg)	Delformer 30C			16				
				NaCl Brine (1.19sg)	KCl			140				
				Kill mud (1.30sg)	NaCl			0				

Time	Weather	Temp. (degC)		Barometer (hPa)	Wind Speed (m/s)	Dir. (deg)	Gust (m/s)	Wave		Current		Visibility (km)	
		Air	SW					Dir. (deg)	Period (s)	Speed(knt)	Dir. (deg)		
24:00	c	9.0	17.8	1025.2	4.2	42.0	5.4	0.9	260	5.1	0.9	309	22

Today's Schedule : Cont. Sensor health check, PU and MU Activation kit. Reported by : N Sakurai / K.Tabuchi  
 Approved by : T.Saruhashi