

Chikyū DAILY MORNING REPORT

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

Report No. : 19

Site Name : C0006
 Depth : @24:00 **4,395.0** mBRT **495.0** mbsf
 Depth : @06:00 **4,395.0** mBRT **495.0** mbsf
 Summary of Operation on **30-Jan** : Cont. LTBMS completion. Cable installation through swellable packer. MU CORK head. Flatpack cable termination.
 Present Operation to 06:00 on **31-Jan** : Cont. Flatpack cable termination. Cut off sensor cables for ODI connector. ODI cable connector termination.
 Time Breakdown (00:00 - 24:00 on **30-Jan**)
 Report Date : **31/Jan/2018**
 RT-MSL : **28.5** m
 LAST CASING : **9-58in** x **391.00** mbsf
 mBRT: meter below rotary table
 mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	0:30	0:30	COMPLETION	Continue to run LTBMS Completion to 147mBRT. Bind Sensor cables w/Tie wrap on lower worker platform and Flatpack w/SUS band on upper worker platform. Apply rubber sleeve to sensor cables when tighten SUS band over the centralizer.
0:30	2:15	1:45	COMPLETION	#2 Sensor health check @147mBRT. Confirm all sensors good (Strainmeter, Seismometer, Tiltmeter, Thermistor)
2:15	13:30	11:15	COMPLETION	Resume to run LTBMS Completion to 409mBRT (Run No.41). Bind Sensor cables w/Tie wrap on lower worker platform and Flatpack w/SUS band on upper worker platform. Apply rubber sleeve to sensor cables when tighten SUS band over the centralizer. Run Joint No.84 joint above Run No.14. Terminate Thermistor cable end along 3-1/2"TBG (Run No. 21) w/Tie wrap. T2: 245.774mbsf, T1: 240.814mbsf, Thermistor end: 237.814mbsf. Fill up every joint while moonpool work from collar joint. PU Swellable packer and make up same, and continue to run to moonpool
13:30	14:00	0:30	COMPLETION	#3 Sensor health check @409mBRT. Confirm all sensors good (Strainmeter, Seismometer, Tiltmeter, Thermistor)
14:00	16:30	2:30	COMPLETION	Cable installation through Swellable packer Shift packer installation platform to swallow packer joint into slot of packer installation platform on CGR *Start drifting to well center w/0.1knot (sea current 0.2knot)
16:30	17:15	0:45	COMPLETION	#4 Sensor health check @409mBRT. Confirm all sensors good (Strainmeter, Seismometer, Tiltmeter, Thermistor)
17:15	20:00	2:45	COMPLETION	Resume to run LTBMS Completion to 448mBRT (Run No.45) Re-arrange flatpack and sensor cable position and sensor cable swallow to CGR slot Re-arrange backle bay of centralizer facing toward FWD-PORT on CGR Bind Sensor cables w/Tie wrap on lower worker platform and Flatpack w/SUS band on upper worker platform. Apply rubber sleeve to sensor cables when tighten SUS band over the centralizer.
20:00	23:00	3:00	COMPLETION	MU and run CORKhead to moonpool *Meanwhile, RGR door open for CORKhead
23:00	24:00	1:00	COMPLETION	Flatpack cable termination on CORKhead Split Flatpack cable into 3 ea of 1/4-inchTBGs using draw knife and mark the end of cable to recognize the end Connect flatpack side and CORKhead side of "Mini Screen" (confirm flatpack line left side line as "Mini Screen" looking at back side of flatpack) Connect flatpack side and CORKhead side of "Strainmeter" (confirm flatpack line right side line as "Strainmeter" looking at back side of flatpack) Apply 1/4-inch TBG plug on the line at the middle *Meanwhile, (From 23:45) #5 Sensor health check *Meanwhile, skid back working cart and start re-arrange

Time Breakdown (00:00 - 06:00 on **31-Jan**) * The data on 00:00 - 06:00 is unofficial.

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	6:00	1:30	COMPLETION	Terminate 3 x sensor cables by ODI engineer in 20'container.

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 Properties

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gal St (10", 10')	WL	Cake	pH	Pf	Cl-	Sand	Oil	Solid	K+	LGS	MBC	Temp (°C)	n	K	
PHG	13:00	PHG	1.06	300	41	66	44	81											16		0.47	5.78
SWG	14:00	SWG	1.11	300	49	96	74	91		11.0									16		0.42	10.57
Kill Mud	11:00	KillMud	1.30	105	36	30	34	49		10.6									16		0.63	1.32

Geologic Information

From	To	Lithology of core
0:00	24:00	S/B Akatsuki
0:00	24:00	G/B Meijimaru #8

Personnel @24:00

CDEX	9
Scientist	15
MJU Crew	95
MJU (Other)	2
MWJ	15
NuStar	3
Cementing (Sch)	3
Packer (HAI)	1
Telrite	1
Trainee	4
DDI	2
DCC	3
Total	157

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				0
3	6				0

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

Item	Received	Used	Stock
Barite (Bulk) *			270,000
TEL-GEL (Bulk)			38,000
Kunigel VO (Bulk)			41,000
Caustic soda			1,225
Lime			1,020
XCD-Polymer			100
Baracos-100			0
Telrite OS-5			0
Deformer 30C			16
KCI			140
NaCl			0

* Include carried over materials

Weather Information

Time	Weather	Temp. (degC)		Barometer (hPa)	Wind		Wave		Current		Visibility (km)		
		Air	SW		Dir. (deg)	Speed (m/s)	Dir. (deg)	Period (s)	Speed(knt)	Dir. (deg)			
24:00	bc	6.0	15.7	1023.6	5.4	318.0	6.8	0.5	20	5.4	0.7	307	22

Today's Schedule : Cont. ODI connector termination
 Reported by : N.Sakurai / T.Yokoyama
 Approved by : T.Sarubashi