

Chikyu DAILY MORNING REPORT

Mission No. : **CK18-04** Exp. No. : **Exp 358**

Report No. : **149**

Site Name **NT1-03** Hole Name _____ Lat. **33° 02' 02.6379"N** Long. **136° 47' 23.8464"E** Seabed Depth : **0.0** mBRT RT-MSL : **28.5** m Report Date : **5/Mar/2019**
 Depth : @24.00 _____ mBRT **0.0** mbsf Progress : **0.0** m Drilling/Coiring/Underreaming Hrs. : **0.00** hrs Last BOP FT: _____ Next BOP FT: _____
 Depth : @06.00 _____ mBRT **0.0** mbsf LAST CASING : _____ x _____ mbsf(mBRT) Last BOP FT: _____ Next BOP FT: _____
 Summary of Operation on **4-Mar** : Cont. preparing at rig floor and moonpool. MU and Run 8-1/2" LWD BHA to 3,813mBRT. Conduct shallow hole test. Last Glycol 35gal Inj. _____
 Present Operation @ 06:00 on **5-Mar** : Cont. to conduct seabed survey shallow core hole. mBRT: meter below rotary table
 mbsf: meter below sea floor

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	0:45	0:45	OTHER		Continue to change out saver sub.
0:45	2:00	1:15	OTHER		Install Wellhead Support Frame w/UWTV slope on Working cart.
2:00	5:15	3:15	OTHER		Install Diverter Guide Roller. Remove master bushing. Confirm Diverter lock dogs are retracted visually and install Diverter Guide Roller by #3 crane. Install camera for Diverter Guide Roller and set up the monitor in drillers house. Lock Diverter lockdown dogs and pick up test of Diverter Guide Roller w/ton overpull: OK. Reinstall master bushing. Function test camera for diverter guide roller. OK. Meanwhile, install UWTV guide sheave onto Working cart while installing Diverter Guide Roller and pick up UWTV onto Working cart.
5:15	7:30	2:15	OTHER		Swap IR cassette #A and #B (Cassette #A in Main well, Cassette #B in Aux. well). Remove valve block of lower clamp from IR#A and one of upper clamp from IR#B. Service valve block and install the removed valve block from IR#B to lower clamp of IR#A. Confirm IR#A function good.
7:30	13:45	6:15	TRIP		MU and Run 8-1/2" LWD BHA to 498mBRT Measure the tool face offset between SeismicVision and Telescope. SeismicVision tool face is 293deg clockwise from MWD tool face. Measure stabilizer OD: MicroScope 8-3/8", SonicScope 8-1/4" x 2ea and XO above seismicVision 7-1/2". Measure 6-1/2" jar mandrel length: 18-1/8" Paint bit and bit sub with yellow. Paint 1m mark from bit to 30m and numbers on two sides of string. Paint 50m mark with two line and 100m with triple line.
13:45	14:30	0:45	OTHER		Conduct shallow hole test at 498mBRT Pump with synchro mode(Pump#1 / #2) w/400gpm x 4.7MPa(Confirm good signal: OK) Shoot Airgun 10times for check shot(w/o pump) Pump with synchro mode(Pump#1 / #2) w/400gpm x 4.7MPa(Receive seismic data properly: OK)
14:30	22:30	8:00	TRIP		Resume run 8-1/2" LWD BHA from 498mBRT to 3,775mBRT Fill up every 15 stands. Meanwhile <Iron roughneck> Continue to service control valve block for IR#B. Ongoing <UWTV> Conduct Pre-dive check. Confirm all function good <RGR> Install RGR drain hose to cherry picker drain line Conduct RGR function test RGR RPM 9 12 14 16 18 20 22 24 RGR GPM 7-11 10-13 13-15 15-17 16-19 18-20 20-22 23-25 Open RGR door for ready to swallow drill string <Free fall funnel> Conduct fit test. Confirm two halves of funnel fit properly. All bolts confirmed OK.
22:30	23:00	0:30	OTHER		Conduct shallow hole test at 4,775mBRT Pump with synchro mode(Pump#1 / #2) w/500gpm x 10.2MPa(Confirm good signal: OK)
23:00	24:00	1:00	OTHER		Resume run 8-1/2" LWD BHA from 3,775mBRT to 3,813mBRT Install geograph line then MU next stand Conduct downlink at 3,813mBRT to change MWD frame(w/o seismic data point) (17:35-24:00) Advisory status due to #3 Anemometer malfunction

Time Breakdown (00:00 - 06:00) on **5-Mar** * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	0:15	0:15	OTHER		Continue to conduct downlink
0:15	1:45	1:30	OTHER		Prepare UWTV and install UWTV along DP Keep pumping w/400-450gpm x 6.1-8.2MPa for saving seismicVision battery Skid Working Platform to Well center and swallow DP into Working CART slot Check UWTV Gyro direction: 170deg, confirm UWTV facing toward STBD (Vessel heading is 55deg)
1:45	2:15	0:30	OTHER		Run UWTV to 100mWD Paint white mark at 50m cable length(one band) and 100m cable length(two bands) Conduct function test of camera and light, and reset relative length of UWTV cable to 0m at sea level. Install UWTV cable to Guide sheave. Reset gyro and check UWTV Gyro direction: 86deg.
2:15	3:30	1:15	OTHER		Resume run UWTV to 3,812mWD
3:30	4:45	1:15	OTHER		Conduct seabed survey around deep core hole. Lower string and tag seabed at 3,868mBRT. Survey around deep core hole with 10mW, 10mE, 10mN and 10mS. Find no trace of cable and obstacle on seabed. Move to LWD hole.
4:45	5:45	1:00	OTHER		Conduct seabed survey LWD hole. Lower string and tag seabed at 3,870mBRT. Survey around LWD hole with 10mW, 10mE, 10mN and 10mS. Find no trace of cable and obstacle on seabed. Move to shallow core hole.
5:45	6:00	0:15	OTHER		Conduct seabed survey shallow core hole, on going. Lower string and tag seabed at 3,872mBRT. <Iron roughneck> Continue to service control valve block for IR#B. Ongoing (00:00-06:00) Advisory status due to #3 Anemometer malfunction

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT)	Meter-age	Hrs.	WOB (kN)	ROP (m/hr)	Total Rev. (krev)	ROP (m/hr)	Inner	Outer	Dull	Loc.	B	G	O.D.	RP
13	8.5	Smith	MDS16UBPXQ	M223	QF3594	2-11032 3 x 1932															

Bit Record @24:00	BHA Record @24:00	Mud Properties @24:00	Personnel @24:00	Mud Materials on Board @24:00hrs	Geologic Information @24:00	Shale Shaker / Centrifuge @24:00	Materials Stock on Board @24:00	Boat Information @24:00	Weather Information
33 LWD	38-1/2" Bit x MicroScope 675 x arcVision675 x Telescope675 x SonicScope675 x XO#1 x float sub (non-porated sub) x XO#2 x 6-3/4" DC (4 IF) (2stks) x XO#3 x 6-3/4" DC (4-1/2 IF) (1st) x 6-1/2" Jar x 6-3/4" DC (1st) x XO#4 x 5.68" HWDP (2stks)	MW 1.36 VIS 52 PV 22 14 4 4 4 10 12.2	CDEX 7 MOJ Crew 101 MWJ 16 Scientist 16 MQJ (Other) 1 Telrite 1 Geoservices 4 SLB LWD 2 SLB Seismic 4 SLB WL 0 SLB Cementing 0 AFGlobal 2 Nastar 3 Franko 0 NOV 1	Barite (Bulk) 185,000 Caustic Soda 1,050 Lime 200 Soda Ash 575 Caustic Potash 1,075 Tel-Polymer DX / L / H 2240 / 0 / 0 XCD-Polymer 1,200 Lignite NC 4,500 Clean Lube W 8,000 Tel Clean W 4,600 Astex-S 4,400 Deformer 30C 480 Tall DO 3,200 Bi-Carbonate 300 Citric Acid 1,900 Tan Cal C / M / F 210 / 1,020 / 510 Telrite GXL 504 Treat-HS 6,940 Mud Seal P 130 Tel Plug C / M / F 500 / 500 / 500 Tel Stop P / G 500 / 260 Barolith (lbs) 1,890 Driscoll D 0 Tel Flow P 0 Porio Seal 0 Steel Seal 50 (lbs) 1,000 KCl 1,000 NaCl 0 Fracsael (lbs) 0 Stopsael (lbs) 0 Bentonate(Bulk) 46,000	From To Lithology of cuttings	No.1 30.60 No.4 30.60 #1-#3 Centrifuge No.2 30.60 No.5 30.60 turning time No.3 30.60 No.6 30.60	Item Unit Stock Used Received Fresh Water m3 341.9 73.2 95.8 Potable Water m3 206.3 6.3 0.0 Drill Water m3 845.8 21.2 0.0 Fuel m3 2,046.2 43.9 0.0 Lube, Oil Ltrs 48,200 500.0 0.0 Heli Fuel Ltrs 0.0 0.0 0.0 Cement "GWC" ton 160.0 0.0 0.0 Cement "G" ton 30.0 0.0 0.0	Boat Name Status Time @Chikyu #8 Meiji-maru Chikyu Departed Arrived Shincho-maru Shingu 3:00	Time Weather Temp. (degC) Barometer Wind Wave Current Visibility 24:00 bc 14.0 16.6 1022.9 1.6 42 2.3 2.1 55 7.9 1.0 206 22.0

Today	Total	57.10	hrs
Today	0.00	Total	57.10

Empty	Full	Total
2	1	3

No.	Arrived	Departed	Are.	Dept.
1	9:20	9:32	10	9
2	11:55	11:59	1	1
3				
4				

Item	Unit	Stock	Used	Received
Fresh Water	m3	341.9	73.2	95.8
Potable Water	m3	206.3	6.3	0.0
Drill Water	m3	845.8	21.2	0.0
Fuel	m3	2,046.2	43.9	0.0
Lube, Oil	Ltrs	48,200	500.0	0.0
Heli Fuel	Ltrs	0.0	0.0	0.0
Cement "GWC"	ton	160.0	0.0	0.0
Cement "G"	ton	30.0	0.0	0.0

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