

Chikyu DAILY MORNING REPORT

Mission No. :CK24-01

Exp. No. :405

Report No. :26

Site NameJTCT-02AJTCT-01A

Hole NameC0026AC0019J

Lat.37°55.6020'N37°56.3307'N

Long.143°04.1280'E143°54.7845'E

Seabed Depth :6,957.0 mBRT6,927.5

RT-MSL :28.5 m

Report Date :2/Oct/2024

Depth : @24:007,405.0 mBRT448.0 mbsf

Progress :0.0 m

Drilling/Coring/Underreaming Hrs. :0.00 hrs

Depth : @06:00 mBRT mbsf

LAST CASING :x mbsf(mBRT)

Summary of Operation on1-Oct : POOH drill string to surface, Sail to Typhoon evacuation point, Standby at Typhoon evacuation point

Present Operation @ 06:00 on2-Oct : Standby at Typhoon evacuation point, Sail to C0019J.

Time Breakdown (00:00 - 24:00 on1-Oct)

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

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation																																																																																																																																																																														
0:00	11:45	11:45	TRIP	7,405.0	POOH drill string to surface. Actual severed depth of Drill pipe :7,191.25mBRT(Planned depth 7,185.5mBRT) Meanwhile, (00:20) After drill string come out from hole, start drifting to typhoon evacuation point with 0.5knot (01:00) Set RGR offset 0.75m due to DP move to FWD side. (04:30) Set RGR offset 0.4m due to DP move to AFT side (Change vessel heading to opposite just before). (06:00) Ibuki evacuates from location to Ishinomaki port. (08:00) Stop vessel drifting due to strong friction between DP and RGR (current:0.7knot x 291deg)																																																																																																																																																																														
11:45	20:00	8:15	WAIT		Sail to Typhoon evacuation point (38° 35.6' N, 142° 31.7' E) Meanwhile, Conduct slip and cut drilling line.																																																																																																																																																																														
20:00	24:00	4:00	WAIT		Standby at Typhoon evacuation point																																																																																																																																																																														
<table><thead><tr><th colspan="2"></th><th>Wind</th><th colspan="2"></th><th>Gust</th><th>Wave</th><th colspan="2"></th><th>Current</th><th colspan="2"></th></tr><tr><th>Time</th><th>Dir.</th><th>m/s</th><th></th><th></th><th>m/s</th><th>m</th><th>sec</th><th>knot</th><th>dir.</th><th></th><th></th></tr></thead><tbody><tr><td>02:00</td><td>243</td><td>3.1</td><td></td><td></td><td>4.2</td><td>3.1</td><td>8.4</td><td>0.4</td><td>106</td><td></td><td></td></tr><tr><td>04:00</td><td>318</td><td>1.8</td><td></td><td></td><td>2.8</td><td>3.2</td><td>8.3</td><td>0.1</td><td>116</td><td></td><td></td></tr><tr><td>06:00</td><td>19</td><td>1.9</td><td></td><td></td><td>3.1</td><td>1.7</td><td>8.3</td><td>0.4</td><td>90</td><td></td><td></td></tr><tr><td>08:00</td><td>88</td><td>6.2</td><td></td><td></td><td>7.8</td><td>3</td><td>7.8</td><td>0.2</td><td>32</td><td></td><td></td></tr><tr><td>10:00</td><td>132</td><td>7.0</td><td></td><td></td><td>9.2</td><td>3</td><td>6</td><td>0.5</td><td>35</td><td></td><td></td></tr><tr><td>12:00</td><td>156</td><td>12.0</td><td></td><td></td><td>13.8</td><td>3.2</td><td>7.6</td><td>0.8</td><td>42</td><td></td><td></td></tr><tr><td>14:00</td><td>137</td><td>11.8</td><td></td><td></td><td>13.0</td><td>2.9</td><td>12</td><td>0.8</td><td>12</td><td></td><td></td></tr><tr><td>16:00</td><td>141</td><td>9.2</td><td></td><td></td><td>10.7</td><td>3.3</td><td>10.6</td><td>2</td><td>32</td><td></td><td></td></tr><tr><td>18:00</td><td>110</td><td>7.5</td><td></td><td></td><td>8.2</td><td>3.1</td><td>10.5</td><td>3.4</td><td>30</td><td></td><td></td></tr><tr><td>20:00</td><td>4</td><td>11.2</td><td></td><td></td><td>12.1</td><td>3.3</td><td>10.8</td><td>0.3</td><td>65</td><td></td><td></td></tr><tr><td>22:00</td><td>10</td><td>12.3</td><td></td><td></td><td>13.7</td><td>3.3</td><td>7.5</td><td>1</td><td>116</td><td></td><td></td></tr><tr><td>24:00</td><td>359</td><td>12.3</td><td></td><td></td><td>13.8</td><td>3.2</td><td>6.6</td><td>1.3</td><td>137</td><td></td><td></td></tr></tbody></table>														Wind			Gust	Wave			Current			Time	Dir.	m/s			m/s	m	sec	knot	dir.			02:00	243	3.1			4.2	3.1	8.4	0.4	106			04:00	318	1.8			2.8	3.2	8.3	0.1	116			06:00	19	1.9			3.1	1.7	8.3	0.4	90			08:00	88	6.2			7.8	3	7.8	0.2	32			10:00	132	7.0			9.2	3	6	0.5	35			12:00	156	12.0			13.8	3.2	7.6	0.8	42			14:00	137	11.8			13.0	2.9	12	0.8	12			16:00	141	9.2			10.7	3.3	10.6	2	32			18:00	110	7.5			8.2	3.1	10.5	3.4	30			20:00	4	11.2			12.1	3.3	10.8	0.3	65			22:00	10	12.3			13.7	3.3	7.5	1	116			24:00	359	12.3			13.8	3.2	6.6	1.3	137		
		Wind			Gust	Wave			Current																																																																																																																																																																										
Time	Dir.	m/s			m/s	m	sec	knot	dir.																																																																																																																																																																										
02:00	243	3.1			4.2	3.1	8.4	0.4	106																																																																																																																																																																										
04:00	318	1.8			2.8	3.2	8.3	0.1	116																																																																																																																																																																										
06:00	19	1.9			3.1	1.7	8.3	0.4	90																																																																																																																																																																										
08:00	88	6.2			7.8	3	7.8	0.2	32																																																																																																																																																																										
10:00	132	7.0			9.2	3	6	0.5	35																																																																																																																																																																										
12:00	156	12.0			13.8	3.2	7.6	0.8	42																																																																																																																																																																										
14:00	137	11.8			13.0	2.9	12	0.8	12																																																																																																																																																																										
16:00	141	9.2			10.7	3.3	10.6	2	32																																																																																																																																																																										
18:00	110	7.5			8.2	3.1	10.5	3.4	30																																																																																																																																																																										
20:00	4	11.2			12.1	3.3	10.8	0.3	65																																																																																																																																																																										
22:00	10	12.3			13.7	3.3	7.5	1	116																																																																																																																																																																										
24:00	359	12.3			13.8	3.2	6.6	1.3	137																																																																																																																																																																										
Time Breakdown (00:00 - 06:00 on2-Oct) * The data on 00:00 - 06:00 is unofficial.						Detail of Operation																																																																																																																																																																													
0:00	2:00	2:00	WAIT	7,405.0	Standby at Typhoon evacuation point																																																																																																																																																																														
2:00	6:00	4:00	WAIT	7,405.0	Sail to C0019J (JTCT-01A). Meanwhile, Lay down 4stds of damaged or fatiqued 6-5/8" DP UD-165.																																																																																																																																																																														

Bit Record @24:00

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT)		Meter-age	Hrs.	WOB (kN)		rpm		Total Rev. (krev)	ROP (m/hr)	Dull Condition								
							From	To			Min.	Max.	Min.	Max.				Inner	Outer	Dull	Loc.	B	G	O.D.	RP
2	8.5	Smith	BXZ716M	-	QG1124	7 x 12																			
Lost in C0026A																									

BHA Record @24:00

No.	Size	Remarks
4	8-1/2"LWD	8-1/2" Bit x 6-1/2" Mud motor x MicroScope x TeleScope x SonicScope x 6-3/4" drilling DC(1jt) x Float sub w/float x Filter sub x 6-3/4" drilling DC(3stds) x 6-1/2"H-M Jar x 6-3/4" drilling DC(1std) x XO#1 x 5" DP V-150 (24stds) x XO#2 x 5" DP S-140 (66stds) x 5-1/2" DP S-140 (22stds) x XO#3 x 5-1/2" DP S-150(26stds) x XO#4 x 5-1/2" DP UD-165 (30stds) x XO#5 x 6-5/8" DP Z-140 (7stds) x 6-5/8" DP UD-165

Mud Properties @24:00

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	6rpm	Gel St. (10", 10')	API	Cake	pH	Pf	Cl-	Sand	Oil	Solid	MBC	Temp In	Temp Out	K+	n	K	LGS	FIT 20/40 (mm) 0 min	5min

Mud Pumps : 14-P-220

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)
1	6"				6"DC 5"DP
2	6"			11.5	151
4	6"				95

Materials Stock on Board @24:00

Item	Unit	Stock	Used	Received
Fresh Water	m3	289.2	59.9	55.1
Potable Water	m3	274.0	2.0	0.0
Drill Water	m3	1,580.0	0.0	0.0
Fuel	m3	5,909.7	70.0	0.0
Lube, Oil	Ltrs	127,200	0.0	0.0
Heli Fuel	Ltrs	0.0	0.0	0.0

Weather Information

Time	Weather	Temp. (degC) Air	Barometer (hPa) SW	Wind Speed (m/s) Dir. (deg)	Wave Height (m) Dir. (deg)	Current Speed (knt) Dir. (deg)	Visibility (km)
24:00	r	21.0	20.9	1002.7 14.1	338 15.6	1.9 90 5.5	1.2 144 22.0

Today's Schedule: Sail to location, RGR and DGR mentenance.

Personnel @24:00

Name	Count
MarE3	8
MQJ Crew	97
MWJ	19
Scientist	25
LSS	3
Outreach	4
JAMSTEC PR	1
Sub-contractor	
WL	3
SLB-LWD	
Expro	
NuStar	3
Total	163

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

Item	Received	Used	Stock
Barite			76,000
Tel-Gel			208,000
Caustic soda			9,025
Lime			8,960
Flowzan			25

Mud volume

Item	Volume
PHG (m3)	219
Kill mud (m3)	50
SWG (m3)	116
Pre-Mix (m3)	49

Marine Information @24:00

Item	Value
Heave (m)	1.4
Pitch (deg)	0.7
Roll (deg)	0.2
Vessel Heading (deg)	335
Riser Tension (kN)	-
V.D. Load (ton)	14656
Max Draught (m)	9.0
Thruster (kW)	1080

Heli Information @24:00

Fit. No.	Time Arrived	Passenger Departed
1		
2		

Boat Information @24:00

Boat Name	Status	Remarks
Akatsuki (Supply boat)	Stanby at Shiogama port	
Ibuki (Guard boat)	Standby at Ishinomaki port	

HSQE and other information

Incident	Last Incident	No. LTI
LTI	11/14/19	
HUNS cards	28	

Remarks

Well Cost (1,000 Yen) based on the cost by

Category	Cost
Daily	
Cumulative	

Reported by : N. Sakurai, T. Miyoshi.
Approved by : I. Sawada, T. Ikawa