Chikyu DAILY MORNING REPORT

Mission No. : CK24-01 **Exp. No. :** 405 **Report No. :** 102

Site Name: JTCT-01A Hole Name: C0019Q Lat (UWTV). 37°56.2988'N Long.(UWTV) 143°54.7733'E Seabed Depth : 6,928.0 mBRT RT-MSL : 28.5 m **Report Date :** 17/Dec/2024

Lat (Ship). 37°56.3086'N Long.(Ship) 143°54.7737'E

Depth : @24:00 7,853.0 mBRT 925.0 mbsf Progress : 0.0 m Drilling/Coring/Underreaming Hrs. : 0.00 hrs

Depth : @06:00 7,853.0 mBRT 925.0 mbsf LAST CASING : 13-3/8" x 45.00 mbsf(6,973.0 mBRT)

Summary of Operation on 16-Dec : Continue POOH to surface. Rig services. Lay out drillpipe. -

Present Operation @ 06:00 on 17-Dec : Continue to lay out drillpipe. Recover Transponders.

Time Breakdown (00:00 - 24:00 on 16-Dec

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

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	7:45	7:45	TRIP	7,853.0	Continue POOH HART assembly to surface.
					(01:30-02:30) Remove DGR.
					(06:45-07:45) Lay out HART.
7:45	20:00	12:15	RS		Rig services
					Swap Iron roughneck cassette for maintenance.
					Slip and cut drilling line.
					Change elevator from 750ston to 500ston
					*** Postpone recover transponders due to bad weather. Estimate strat time 17th Dec 4:30 (Send release command)**
					Meanwhile,
					Rig down WL unit and Workshop container (Telephone, Light, Fire alarm detector and etc.) .
					Repair lower clamp piston at Mechanic workshop.
					Dismantle UWTV
					Maintenance HART and preapre for backloading.
20:00	24:00	4:00	OTHER		Lay out drillpipe
					Lay out 5in S140 drillpipe(Complete 9/66stds), ongoing

From	To	Hrs.	Code	Depth(mBRT)	Detail of Operation
0:00	4:30	4:30	OTHER		Continue to lay out drillpipe.
					Lay out 5in S140 drillpipe(Complete 22/66stds), ongoing
4:30	6:00	1:30	DPS		Recover transponder, ongoing.
					(04:30-06:00) Recover #2 Transponder, ongoing.
					Send release signal at 04:30 and observe the position of #2 transponder at 3,700mMSL.
					Meanwhile,
					Lay out 5in S140 drillpipe (Complete 25/66stds), ongoing.

Bit Record @24:00

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

BHA Record @24:00

Hook Wt. (knt) @24:00 mBRT

Hook Load	
HPS & Traveling block	660

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	FIT 20/40 (mm) 5min

Jar Rotating Time @24:00 S/N:

Today		Total	hrs

Motor Pumping time @24:00 S/N:

Today		Total	hrs

Mud Pumps : 14-P-220 5.00 gallon/stroke @97%

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

Personnel @24:00

MarE3	7
MQJ Crew	99
MWJ	19
Scientist	27
JAMSTEC PR	1
Outreach officer	1
Sub-contractor	
Expro	6
NuStar	3
Total	163

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

Item	Received	Used	Stock
Barite			100,000
Tel-Gel			94,000
Caustic soda			3,425
Lime			3,600
Flowzan			25

Heli Information @24:00

Flt. No.	Time Arrived	Time Departed	Passenger Are.	Passenger Dept.
1				
2				

Boat Information @24:00

Kaiyu (Supply boat)	Status	
Ibuki (Guard boat)	Status	

Materials Stock on Board @24:00

Item	Unit	Stock	Used	Received
Fresh Water	m3	148.8	71.0	87.1
Potable Water	m3	164.0	4.0	0.0
Drill Water	m3	510.5	66.4	0.0
Fuel	m3	2,576.0	47.0	0.0
Lube, Oil	Ltrs	83,100	6,600.0	0.0
Heli Fuel	Ltrs	0.0	0.0	0.0

Mud volume

PHG (m3)	
Kill mud (m3)	
SWG(m3) 85sec	
SWG(m3) 61sec	
Pre-Mix (m3)	

Marine Information @24:00

Heave (m)	0.5
Pitch (deg)	0.3
Roll (deg)	0.1
Vessel Heading (deg)	320
Riser Tension (kN)	-
V.D. Load (ton)	9979
Max Draught (m)	9.0
Thruster (kW)	400

HSQE and other information

Incident	Last Incident	No. LTI
LTI	11/14/19	
HUNS cards	31	

Remarks

General safety meeting(English): 7:00, 13:00, 19:00

Weather Information

Time	Weather	Temp. (degC) Air	Temp. (degC) SW	Barometer (hPa)	Wind Speed (m/s)	Wind Dir. (deg)	Wind Gust (m/s)	Wave Height (m)	Wave Dir. (deg)	Wave Period (s)	Current Speed(knt)	Current Dir. (deg)	Visibility (km)
24:00	bc	10.0	20.9	1013.2	4.8	270	8.1	2.1	320	6.3	0.5	348	22.0

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

Daily	
Cumulative	

Reported by : N.Sakurai / T. Yokoyama

Approved by : I. Sawada / T.Saruhashi

Today's Schedule: Rig services. Recover Transponder. Sail to Shimizu port.