

Chikyu DAILY MORNING REPORT										Mission No. : CK24-01		Exp. No. : 405		Report No. : 45																													
Site Name		JTCT-01A		Hole Name		C0019J		Lat.		37°56.3286'N		Long.		143°54.7764'E		Seabed Depth : 6,927.5 mBRT		RT-MSL : 28.5 m		Report Date : 21/Oct/2024																							
Depth : @24:00		7,715.0 mBRT		787.5 mbsf		Progress : 9.5 m		Drilling/Coring/Underreaming Hrs. : 6.25 hrs																																			
Depth : @06:00		7,725.5 mBRT		798.0 mbsf		LAST CASING : x		mbsf(mBRT)																																			
Summary of Operation on 20-Oct :										Cut SD-RCB #74, Sweep out/Spot SWG, Short Trip, Replace Main Roller of Travelling Block Dolly																																	
Present Operation @ 06:00 on 21-Oct :										Cut SD-RCB #75 - #76																																	
Time Breakdown (00:00 - 24:00 on 20-Oct)										mBRT: meter below rotary table mbsf: meter below sea floor																																	
From		To		Hrs		Code		Depth(mBRT)		Detail of Operation																																	
0:00		2:15		2:15		CORE		7,705.5		Recover C0019J #73K(SDRCB) core inner barrel.																																	
2:15		3:30		1:15		CORE		7,705.5		Drop C0019J #74K(SDRCB) inner barrel. Unload sinker bar after drop inner barrel. Pump SWG 10m3 w/275gpm and confirm inner barrel landing by increasing pressure from 3.6 to 5.5MPa w/275gpm 35min after dropping. Sweep out SWG w/650gpm x 19.6MPa. Check pressure at 275gpm before starting coring and pressure is 4.7MPa (Same as normal), and confirm nozzle or bit is plugged after coring.																																	
3:30		6:15		2:45		CORE		7,715.0		Cut C0019J #74K(SDRCB) core from 7,705.5 - 7,715.0mBRT (778.0 - 787.5mbsf) 7,705.5 - 7,715.0mBRT (778.0 - 787.5mbsf), MP 450gpm x 9.4-10.5MPa, HPS 90rpm x 0.1-12.2kNm, WOB 10-85kN, Auto ROP 40m/hr Observe pressure increases to 10.5MPa from 9.7MPa at 7,713.5mBRT. Load and run sinker bar. Recover inner barrel.																																	
6:15		7:45		1:30		C&C		7,715.0		Sweep out 10m3 SWG and Spot 10m3 SWG at 7.712mBRT. Sweep out with 650gpm x 13.5MPa.																																	
7:45		9:00		1:15		TRIP		7,715.0		Short Trip from 7.712mBRT to 7.450mBRT (784.5 - 522.5mbsf). Observe no excess drag.																																	
9:00		15:00		6:00		RR		7,715.0		Replace Lower Main Roller at FWD side of Travelling Block Dolly. Find bearing part dropped at drill floor during Short Trip. Check Main Roller at Travelling Block and HPS Dolly by Mechanic and find Lower Main Roller at FWD side of Travelling Block Dolly damaged. Replace with new Main Roller assembly by Mechanic. Meanwhile, rotate string with 5rpm and pump with 100gpm at 7,450mBRT during the replacement.																																	
15:00		17:15		2:15		TRIP		7,715.0		Resume Short Trip from 7.450mBRT to 6.980mBRT (522.5 - 52.5mbsf). Observe no excess drag.																																	
17:15		19:00		1:45		CORE		7,715.0		Rig service																																	
19:00		24:00		5:00		CORE		7,715.0		Resume Short Trip Observe WOB increases to 100kN at 7,560mBRT. Ream down tight spot from 7,560mBRT to 7,583mBRT with 3.3MPa@50spm, 8kNm x 40 rpm. Wash down from 7,674.5mBRT to 7,707mBRT with 650gpm x 13.0MPa Pump 10m3 of SWG to the bit and wash down from 7,707mBRT to 7,712mBRT with 650gpm x 12.2MPa Pressure increases to 14.0MPa @7,712mBRT and confirm 3m fill. Ream down from 7,712mBRT to 7,715mBRT with 650gpm x 12.6-14.6MPa, 0.1-5.5kN x 40-60rpm. Sweep out 15m3 of SWG w/650gpm x 12.6MPa, ongoing.																																	
										Meanwhile, (00:00-13:00) Green status from Advisory. (21:00-24:00) Advisory status due to the maintenance of exhaust temperature sensor alarm No.3 main generator																																	
Time Breakdown (00:00 - 06:00 on 21-Oct)										* The data on 00:00 - 06:00 is unofficial.																																	
From		To		Hrs.		Code		Depth(mBRT)		Detail of Operation																																	
0:00		0:30		0:30		CORE		7,715.0		Continue to sweep out 15m3 of SWG w/650gpm x 12.6MPa.																																	
0:30		1:15		0:45		CORE		7,715.0		Drop C0019J #75K(SDRCB) inner barrel. Unload sinker bar after drop inner barrel. Pump to chase and confirm inner barrel landing by increasing pressure from 2.6 to 4.1MPa w/275gpm 34min after dropping.																																	
1:15		3:45		2:30		CORE		7,719.5		Cut C0019J #75K(SDRCB) core from 7,715.0 - 7,719.5mBRT (787.5 - 792.0mbsf) 7,715.0 - 7,719.5mBRT (787.5 - 792.0mbsf), MP 450gpm x 9.4-9.8MPa, HPS 90rpm x 0.1-11.8kNm, WOB 10-45kN, Auto ROP 40m/hr No observation of pressure increase while coring. Load and run sinker bar. Recover inner barrel. * Torque indication is observed from 7,716.0mBRT.																																	
3:45		5:00		1:15		CORE		7,719.5		Drop C0019J #76K(SDRCB) inner barrel. Unload sinker bar after drop inner barrel. Pump to chase and confirm inner barrel landing by increasing pressure from 2.9 to 4.6MPa w/275gpm 35min after dropping.																																	
5:00		6:00		1:00		CORE		7,725.5		Cut C0019J #76K(SDRCB) core from 7,719.5 - 7,725.5mBRT (792.0 - 795.0mbsf) 7,719.5 - 7,722.5mBRT (792.0 - 795.0mbsf), MP 450gpm x 9.2-9.8MPa, HPS 90rpm x 0.1-11.4kNm, WOB 10-60kN, Auto ROP 40m/hr Reduce HPS speed to 30rpm from 90rpm after reaching 7,725.5mBRT and keep the bit 1min at 7,725.5mBRT. No observation of pressure increase while coring. Load and run sinker bar. Recover inner barrel, ongoing. * Torque indication is observed from 7,720.0mBRT.																																	
										(00:00-01:05) Advisory status due to the maintenance of exhaust temperature sensor alarm No.3 main generator																																	
Bit Record @24:00										Hook Wt. (knt) @24:00 7,713.0 mBRT																																	
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)		Inner		Outer		Dull		Loc.		B		G		O.D.		RP	
3		8.5		NOV		DJPC713-A1		-		F312253		7 x 16		6,927.5		7,705.5		778.0		25.00		0 120 0 100		93.31		31.1																	
BHA Record @24:00										5 SDRCB										Hook Load 4,130																							