_	JTCT-0		Hole Name	C0019	
	@06:00	7,715.0	mBRT 79	8.0 mbst	Progress: 9.5 m Drilling/Coring/Underreaming Hrs.: 6.25 hrs LAST CASING: x mbsf(mBRT) Cut SD-RCB #74, Sweep out/Spot SWG, Short Trip, Replace Main Roller of Travelling Block Dolly -
	sent Operat	of Operation ion @ 06:00 wn (00:00 -	on 21	-Oct :	Cut SD-RCB #75 - #76 mBRT: meter below rotary table
From 0:00	To 2:15	Hrs 2:15	Code CORE	7,705.5	Detail of Operation 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. Wind Wave Current deg m/s Gust, m/s deg m sec deg knot
6:15	7:45	1:30	C&C	7,715.0	Sweep out 10m3 SWG and Spot 10m3 SWG at 7,712mBRT. 00:00 358 14.9 16.7 190 3.5 5.9 117 0.2 Sweep out with 650gpm x 13.5MPa. 01:00 358 20.0 23.8 190 4.3 6.7 357 0.7
7:45	9:00	1:15	TRIP	7,715.0	02:00 351 20.2 24.2 350 4.3 6.7 357 0.7 Short Trip from 7,712mBRT to 7,450mBRT (784.5 - 522.5mbsf). 03:00 344 20.2 23.2 350 3.6 6.9 265 0.4
					Observe no excess drag. 04:00 345 22.2 24.4 350 3.2 7.4 265 0.4 05:00 338 21.2 24.7 350 7.2 8.2 134 0.4 06:00 343 18.5 21.3 350 7.2 8.2 108 0.2
••••••					07:00 354 19.6 24.8 350 7.4 8.5 72 0.4 08:00 356 19.5 22.4 350 7.7 8.6 33 0.8
9:00	15:00	6:00	RR	7,715.0	10:00 345 18.1 21.6 350 5.9 7.9 85 0.4 Replace Lower Main Roller at FWD side of Travelling Block Dolly. 12:00 348 16.2 19.9 350 5.2 7.9 58 0.6
					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).
17:15	19:00	1:45	CODE	7 715 0	Observe no excess drag. Rig service
19:00	24:00	5:00			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
From	To	wn (00:00 - Hrs.	Code	21-Oct Depth(mBRT)	Detail of Operation
0:00	0:30 1:15	0:30 0:45	CORE		Continue to sweep out 15m3 of SWG w/650gpm x 12.6MPa. Drop C0019J #75K(SDRCB) inner barrel.
	1.10	0.40	OOIL		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.
5.00	0.00	4.00	0005	7 705 5	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	1,125.5	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.
it Record	@24:00				(00:00-01:05) Advisory status due to the maintenance of exhaust temperature sensor alarm No.3 main generator
No. (i	n)		pe C	ode	No. Nozzles Depth (mBRT) Meter- Hrs. WOB (kN) rpm Total Rev. ROP Dull Condition
3 8 BHA Recor		OV CJPC	713-A1	- F31	2253 7 x 16 6,927.5 7,705.5 778.0 25.00 0 120 0 100 93.31 31.1 Hook Wt. (knt) @24:00 7,713.0 mBR
5	SDRCB	6-1/2 Cole 1 (23ctdo) x XO#3 x 5'	DP S-140 (6	66stds) x 5-1	Hook Load 4,131 "DP S-140 (22stds) x XO#4 x 5-1/2"DP S-150 (25stds) x XO#5 x 5-1/2"DP UD-165 (30stds) x XO#6 x 6-5/8"DP Z-140 (13stds) x 6-5/8"DP UD-165 BHA 140
fud Prope	ties @24:00	n			Below Jar HPS & Traveling block 680 CSG/TBG
Mud Type		Depth (mBRT)	MW VIS	PV YV	Ger St. (10", 10') API Cake pH Pf CI- Sand Oil Solid MBC Temp In Out NBC II Out NBC In O
Aud Dumpe	· 14 D 220		5.00	gallon/stroke	Motor Pumping time @24:00 S/N: Today
	s : 14-P-220 Size SI		-IVI I	ess. Anr	Wel. MarE3 5 Item Received Used Stock Fit. Time Passenger min) MQJ Crew 101 Barite 76,000 No. Arrived Departed Are. Dep
2 6	5"	35 32 35 32	1:	6"DC	MWJ 20 Tel-Gel 18,000 172,000 1 Scientist 25 Caustic soda 7,850 2
Materials S		rd @24:00			Outreach Lime 7,840 Boat Information @24:00 JAMSTEC PR Flowzan 25 Akatsuki (Supply boat) Status Standby at Chikyu eived Mud volume Marine Information @24:00 Ibuki (Guard boat) Status Shiogama Port
resh Wate otable Wa	er	m3 2 m3 2	224.0 212.0	61.2 3.0	60.2 PHG (m3) 245 Heave (m) 0.2 HSQE and other information 0.0 Kill mud (m3) 48 Pitch (deg) 0.2 Incident Last Incident No. LTI
rill Water uel ube, Oil		m3 5,0)69.8),600	175.0 46.7 0.0	0.0 Sub-contractor SWG (m3) 91 Roll (deg) 0.1 LTI 11/14/19 0.0 WL Pre-Mix (m3) 60 Vessel Heading (deg) 355 HUNS cards 48 0.0 Expro Riser Tension (kN) - Remarks
leli Fuel		Ltrs	0.0	0.0	0.0 NuStar 3 V.D. Load (ton) 13406 (10:00) Emergency for Oil spill prevention and Abandon ship GE Max Draught (m) 9.0
Veather In		Torre	(degC)	Barometer	Total 154 Thruster (kW) 570
Time 24:00	Weather o		SW 24.8	(hPa) 1032.5	Wind Wave Current Visibility Daily Speed (m/s) Dir. (deg) Gust (m/s) Height (m) Dir. (deg) Period (s) Speed (knt) Dir. (deg) (km) Cumulative 8.1 5 10.4 2.0 350 6.7 0.4 69 22.0 Reported by : T.Miyoshi, T.Yokoyama
		Cut SD-RC		- 	Approved by : I.Sawada