•	AILY MOR	NING REPO	ORT				Mission No. :		06		Exp. No. :	Exp 338						Report No.	.:		99
	@24:00	3,100.00		7.50 m	lole Name :		021B ss : 127.50	Lat.	Seabed Dep	33°10.0555'N oth: 2,972.50				28.5	m			Report Date :		8/Jan/201	3
Depth :		3,128.50 ary of Operation	on 7 -	Jan			A. Cut HPCS core	Drilling/Co (#1-6).	oring/Jetting Hr	s. : 1.75	hrs	LAST C	CASING :		x			mbsf(-	mBRT)	_	
From		eration to 06:00 eakdown (00:00 Hrs		Jan 7-Jar		CS core (#6-9)												mBRT: meter be mbsf: meter belo			
0:00	3:30	3:30	Trip	Continue	RIH to 2930.7	mBRT with dri	fting. (01:45) Read														
3:30 5:00	5:00 9:30	1:30 4:30	Other(N) RS	Cut and s	slip drilling line	(8969.8ton-mi	ke out CMC for D/L le, 45.7m). Mean	while, repair tra													
9:30	10:30	1:00	Other(N)	F	ind CMC could	not open fully	stroke out by subs due to deferential	ea & Datatec. pressure(0.5M	IPa) between (CMC air pressure	and Compensator flui	d pressure. Decide r	epair for CMC while	sailing to Shin	nizu por	t.					
10:30 10:45	10:45 11:00	0:15 0:15	Trip C&C	Break circ	RIH to 2964ml culation with 1	40spm x 5 0M	Pa.														
11:00 11:45	11:45 12:00	0:45 0:15	Core(Other) Core	Cut #1 HF	PCS core (296	9-2978.5mBR	(flow control valve T). Close coreline	BOP and pump	p w/40spm, pre	ess. increase 17.1	MPa and shoot HPCS	inner barrel (@11:4	5 Spud in C0021B	hole). Overpul	on CL	W w/4.8kN (N	lo DW assist).				
12:00 12:45	12:45 14:15	0:45 1:30	Core(Other) W&R	Wash dov	wn 2972.5-298	6mBRT (0-13.	core 5.9m (official 5mbsf, 13.5m). Dri	II down 2986-3	052.5mBRT (1	3.5-80mbsf, 66.5	m).										
14:15	14:45	0:30	C&C	Circulate	and bottom's	ip 140spm x 4	90-100spm x 1.3-1 .7-5.0MPa.														
14:45 15:15	15:15 15:30	0:30 0:15	Core(Other)	Run HPC	S inner barrel	with sinker ba	(flow control valve	e: open x 2ea, o	close x 2ea and	d 2 shear pin).	re increase 17.8/19.1	MPa and shoot HPC	S inner harrel. Over	null on CIW as	sist by	OW 190kN					
15:30 16:00	16:00 16:30	0:30 0:30	Core(Other)	Recover	inner barrel. 1	spm x 0.2MP	a, 10rpm				eanwhile, drill down 3						0 4 3 0kN m				
16:30 16:45	16:45 17:15	0:15 0:30	Core Core(Other)	Cut #3 HF	PCS core (306	2-3071.5mBR 0spm x 0.2MF	T, 89.5-99mbsf). C	lose coreline B	OP and pump	w/40spm, pressu	e increase 17.9MPa a	and shoot HPCS inne	er barrel. Overpull o	n CLW assist b	DW20	0kN.					
17:15 17:45	17:45 18:00	0:30 0:15	Core(Other) Core	Run HPC	S inner barrel	with sinker ba	(flow control valve	open x 3ea,	close x 1ea an	d 2 shear pin). M	eanwhile, drill down 3	062-3071.5mBRT. W	OB: 0-20kN, Pump	: 60spm x 0.5-1	.5MPa	HPS: 40rpr	n x 0.1-6kN-m				
18:00	18:30	0:30	Core(Other)	I Recover i	inner barrel. 1	Spm x 0.2MP	a. 10rpm				ssure increase 17.7Mi	and shoot HPCS	inner barrei. Overpi	JII on CLVV assi	st by D	V TUUKN.					
18:30 18:45	18:45 20:00	0:15 1:15	DRL C&C	8C Sweep out 5m3 of HI-vis with 100spm x 2-3-2 6MPa.																	
20:00	20:45	0:45	Core(Other)	Run HPC	S inner barrel	with sinker ba	(flow control valve	akage. e open fully and	d 2 shear pin).												
20:45 21:00	21:00 21:30	0:15 0:30	Core Core(Other)	Cut #5 HF Recover i	PCS core (308 inner barrel. 1)	1-3090.5mBR 0spm x 0.2MP	T, 108.5-118mbsf). a, 10rpm	Close coreline	e BOP and pur	np with 40spm, pr	essure increase 19.0	MPa and shoot HPCS	S inner barrel. Over	pull on CLW as:	sist by I	OW 180kN.					
21:30 22:30	22:30 22:45	1:00 0:15	0 CSC Circulate hole while repair seals on HPCS inner barrel, 30spm x 0.4MPa. 15 Core(Other) Run HPCS inner barrel with sinker the (flow control valve open fully and 2 shear pin).																		
22:45 23:00	23:00 23:30	23:00 0:15 Core Cut #6 HPCS core (0900.5-3100nBRT, 118-127 Smbts). Close coreline BCP and pump with 40spm, pressure increases 17-4MPs and shoot HPCS inner barret. Overpull on CLW assist by DW 130sN. 23:30 Core/Other) Recover inner barret. 10spm, to 2AMPs. 10pm.																			
23:30	24:00 0.30 Core(Other) Run HPCS inner barrel with sinker bar (flow control valve open fully and 2 shear pri). Meanwhile, drift down 309.05-3100mBRT. WOB 0-20kN, Pump: 60spm x 0.5-0.9MPa, HPS: 40rpm x 0.1-3M-m. Death (reDP) Advance.																				
				No. (Core System HPCS	teem Core on Deck from to m m %									firm cls	W				Remarks	
				2	HPCS HPCS	15:55 17:06	3,052.5 3,062.0	3,062.0	9.5 9.5	10.76 10.12	113.3 106.5		Dar	k greenish gray k greenish gray	firm cla	ıy					
				4 5	HPCS HPCS	18:06 21:24	3,071.5 3.081.0	3,081.0	9.5 9.5	9.82 9.81	103.4 103.3		Dar	k greenish gray	firm cla	ıy			Bottom of core liner	domonod 9 Elene	or@oon 1
***********				6	HPCS	23:18	3,090.5	3,100.0	9.5	10.2	107.4		Dar	k greenish gray k greenish gray	firm cla	iy iy			Bottom or core liner	атадеа & нарр	ergsec.1
From	To	eakdown (00:00 Hrs	Code		etail of Opera	tion	00:00 - 06:00 is ur														
0:00 0:15	0:15 0:45	0:15 0:30	Core Core(Other)	Recover i	inner barrel 3	snm x 0 9-1 5	MPa			np with 40spm, pr	essure increase 17.6N	IPa and shoot HPCS	inner barrel. Over	oull on CLW ass	ist by D	W180kN.					
0:45 1:00	15 1:00 0:15 DRL Drill down to 3109.5mBRT. Pump: 60spm x 0.7-1.0MPa, HPS: 40rpm x 0-5.0MN-m. 10 1:45 0:45 C&C Sweep 5:n3 SWG, 100spm x 2.4-2.8MPa.																				
1:45 2:15	5 2.15 0.30 Core(Other) Run HPCS inner barrel with sinker bar (flow control valve open x. Sea and 2 shear pin). 5 2.30 0.15 Core Cut #8 HPCS core (3109.5-3119 CmBRT, 137-146.5mbsf). Close coreline BOP and pump with 40spm, pressure increase 24 8MPa and shoot HPCS inner barrel. Overpull on CLW assist by DW 130kN. 0 3.00 0.30 Core(Other) Recover inner barre. Meanwhile, drill down to 3119.0mBRT, WOS: 0-50kN, Pump. 30spm x 0.3-1.4MPa, HPS: 40spm x 12-7.5kW-m.																				
2:30 3:00																					
3:30 4:00	4:00 4:15	0:30 0:15	Core(Other) Core	Run HPC Cut #9 HF	S inner barrel PCS core (311	with sinker ba 9.0-3127.5mB	(flow control valve RT, 146.5-155mbs	e open 3 ea an f). Close coreli	d 2 shear pin). ine BOP and p	ump with 40spm,	pressure increase 20.	5MPa and shoot HP0	CS inner barrel. Ov	erpull on CLW	assist b	y DW 212kN					
4:15 4:30	4:30 5:45	0:15 1:15	Core(Other) Core(Other)	Recover i	inner barrel, 19	Spm x 0.4MP	a. nage. Meanwhile,														
5:45	6:00	0:15	Core(Other)	Run HPC	S inner barrel	with sinker ba	(flow control valve	e: fully open an	d 2 shear pin),	ongoing.	S: 40rpm x 1.0-6.9kN	-m									
				_			Donth	(mBRT)	Advance		Recovery										
			No. Core System 7 HPCS			Core on Dec	from 3.100.0	to 3,109.5	m m % 9.5 10.21 107.5			Lithology Dark greenish gray firm clay				V			Remarks		
				8 9	HPCS HPCS	03:09 04:35	3,109.5 3,119.0	3,119.0 3,127.5	9.5 9.5 8.5	10.15	106.8 112.9		Dar	y firm clay				Partial penetration			
Bit Record					HPCS	04:35								k greenish gray	TIFM CIE	iy			Paris	ai penetration	
No. (ii	n)	IFR Ty	pe c	ADC ode	S/No.	Nozzles	From	(mBRT) To	Meter- age	Hrs.	WOB (kN) Min. Max.	rpm Min. Max.	Total Rev. (krev)	Inner		Outer	Dull	Dull Condition Loc.	3 G	O.D.	RP
BHA Record	4375 ULT	ERRA CO		537	CZ059	4 x 16	2972.50	3100.00	127.5	0.90	0 50	10 50	1.0					Hook Wt. (kN) @2	24:00	3,100.0	mBRT
HPCS/ESCS Mud Properties	RR5c	Core Bit x bit sub	x core barrel x	Landing sub	x Top sub x He		DC(11) x XO x 5-1/2	DP S-150 (12)	x 5"DP S-140 2	7 stds x 5-1/2"DP S	-150							BHA below 8-1/2"DC			275 220
Mud	**	Time	Depth (mBRT)		VIS PV	YV G	el St. y", 10') WL	Cake pH	Pf CI	- Sand Oil	Solid K+	LGS MBC	Temp In Out	n	к			Hook load Hook block w/HP:	S		2080 720
SV kill r			Pit Pit	1.04		40 11 18 5		11.0					16		0.66		Cutting skip @	24:00			
Mud Pumps : 14-		3112.5 mBRT	4.98 Pr		troke @97% Ann. Vel.	Person	nnel @24:00	9	Mud Materials Item	on Board @24:00h	Received	Used	(unit: kg) Stock			,			@	Shingu total	45 45
No. Liner		PM GF	· (A	MPa)	(m/min) DC DP	MQJ (96 5	Barite (Bulk) Kunigel-VO (B	ulk)	0	0		312,000 18,000		Heli Informati Flt.	on	Time	•	Pas	senger
2 6					0 0		Add subsea E)	3 20	Lime		0	0		1,400		No.	Arrive		Departed	Are.	Dept.
Geologic Informa	ation To	<u> </u>	Lithology of	fcore			st, IODP	15	Tel-Polymer D. XCD-Polymer	X/L/H	0/0/0	0/0/0		0/0/600		2					
	-					Core-I NLC	RM	5	Soda Ash KOH		0	0		250 1,800			and other infor	mation Last		No. LTA	1
									Clean Lube		0	0		6,400				Incident		NO. LIA	
Materials Stock of		Unit Rece		sed	Stock		nberger	3	Astex S		0	0		0		LTA HUNS cards			37		
Fresh Water Potable Water		m3 m3	0.0	96.4	304.9 165.3	K2 Velo Came	on	4	Treat HS Defoamer 300	/ 15	0/0	0/0		160/0		Remarks Emergency d	ill.				
Drill Water Fuel		m3 m3	0.0	0.0 48.8	713.2 1,968.3	ModuS MR In:	Spec spection	1	Telnite GXL Tel Clean		0	0		0		Marine Inform	ation @24:00				
Lube, Oil Heli Fuel		Ltrs 0.0 0.0 Ltrs 0.0 0.0			62,300.0 800.0	Tota	Total 168			Baracor-100 (gal) Tel Stop G / P		0 0/0	0/0			Heave (m) Pitch (deg)			0.3 0.3		0.3
Cement "G" Boat Information	@24:00	ton	0.0	0.0	280.0		Mud Volume (m3)			Tel Mica C / M / F Tel Plug C / M / F		0/0/0	0/0/0			Roll (deg) Vessel Heading (deg)			0.1 262		
Boat Nam	ne	Status @24:00	Time @C parted			Kill Mud (1.30sg) 29 Dirty Seawater (1.10sg) 34		Tan Cal C / M / F / FF Speeder P / X		0/0/0/0	0/0/0	0/0/0/0			Riser Tension (kN) V.D. Load (Moon)			9615.5		615.5	
Shinchou-m Hakuryu-ma		Sail to Shingu Chikyu		1:55	18:40	SWG	1.04sg) Gel (1.05sg)	101	Telnite OS-5 Telnite HEC		0	0		120		Max Draught Thruster (kW)	(m)				9.0
Weather Informa	ition	Temp.	(denC)	Barome			Wind			Wave	<u>'</u>	Current		sibility						1	
Time 24:00	Weather	Air 12.0	SW 20.9	(hPa)) Speed	I (m/s) Dir	(deg) Gust 25.0 4.1		ght (m) D	ir. (deg) Pe	eriod (s) Speed 8.7 3.	d(knt) Dir. (d	deg) (km)			Bonort - 4 h	V Tokor- 10 **	taoka / T. Yokoyama		
Today's Schedule		ie cut HPCS core.	20.9	1019.	. 4.	- 1 3	20.0 4.1	- -	(200 }	3.	· ; 88	· -	2.0			Approved by :		.auka / I. fokoyama		