Chikyu DAILY MORNING REPORT

Mission No. : CK12-02 **Exp. No. :** Exp 343 **Report No. :** 16

Site Name : JFAST3 **Hole Name :** **Lat.** **Long.** **Report Date :** 17/Apr/2012

Depth : @24:00 mBRT mbsf Progress : m Seabed Depth : mBRT RT-MSL : **28.5** m

Depth : @06:00 mBRT mbsf Drilling/Coring Hrs. : hrs LAST CASING : x mbsf

Summary of Operation : **16-Apr** : Prepare to dive UWTV, WOW, Troubleshoot lower guide horn, Dive UWTV, Troubleshoot DES

Present Operation to 06:00 on **17-Apr** : Troubleshoot DES

mBRT: meter below rotary table

mbsf: meter below sea floor

Time Breakdown (00:00 - 24:00 on **16-Apr**)

From	To	Hrs	Code	Detail of Operation
0:00	0:45	0:45	Other	Re-terminate UWTV cable completed.
0:45	2:30	1:45	Other	Prepare to run UWTV. Install end box. Check function for #1 and #2 cameras, lights, sonar and compass_OK.
2:30	16:30	14:00	WOW	WOW due to max. wave height exceed operation criteria.
				Meanwhile troubleshoot lower guide horn hydraulic lock device at port side.
				(02:30-09:30) Attempt to split lower guide horn unsuccessfully as hydraulic locking device stuck (port side)
				(09:00-11:00) Connect middle and lower guide horn. Pick up whole guide horn and land same on carts.
				(11:00-14:15) Cut off 4 x brackets of locking device.
				(14:15-15:15) Land guide hone assembly on the working cart. Pick up middle and upper guide hone.
				(15:15-16:15) Open lower guide hone, install UWTV around drill pipe and lower down 100mWD.
				16:30 Max. wave height below operation criteria.
16:30	20:00	3:30	Other	Adjust position for UWTV cameras and lights, Set umbilical cable into guide sheave.
20:00	22:30	2:30	Other	Dive UWTV to well head housing @4766m cable depth. Meanwhile Close lower guide horn, Set middle and upper guide horn. Rig up DES
				Confirm PU and SO cable tension every 600m, No drag, No over pull.
				Max tension 42.0kN @4766m cable depth, Max. rotation 4 turns @4519.7m cable depth. Confirm good visibility (possible to find TJ 9m below UWTV camera).
				Confirm UWTV w/34" sleeve can travel over Hydraulic running tool and 20" casing without problem three times.
				Lost communication with transponder at 4200m cable depth. Mini beacon is not available from the beginning.
22:30	24:00	1:30	RR	Troubleshoot DES's well center position sensor on the rail.
				Standby UWTV @4561m cable depth. Cable tension 41.9kN, rotation 2 turns.

Max. wave		
Time	Height (m)	Period (sec.)
2:00	5.70	11.00
4:00	5.10	10.00
6:00	5.40	9.40
7:40	5.94	10.00
10:20	5.39	11.50
11:40	5.26	9.50
13:00	5.84	10.50
14:00	4.75	9.50
16:00	5.40	9.00
16:40	3.72	10.00

Time Breakdown (00:00 - 06:00 on **17-Apr**) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	6:00	6:00	Other(N)	Troubleshoot DES ongoing
				Activate HCD when upper elevator lower to 0.2m above table with soft landing mode successfully
				Upper and lower elevator swapping is not recognized by DCIS automatically while tripping out. Manual swapping is not reliable.

Bit Record

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)	Dull Condition Inner	Outer	Dull	Loc.	B	G	O.D.	RP
	8	Magnum	Jetting sub	-	1	7 x 14																	

BHA Record

Jetting	8"Jetting Sub x Spacer Sub x Float Sub x 17-1/2"Stb x XO x 5-1/2"DP S140 2jts x 5-1/2"DP Pup 2jts x XO x Spacer Sub x Magnum Running tool (Lower).
Running	Magnum Running tool (Upper) x XO x 5.68"HWDP Pre. 13jts x XO x 5"DP S140 Pre. 68stds x 5-1/2"DP S140 Pre. 36stds x 5-1/2"DP S150 Pre. 53stds x XO
	x 5-1/2"DP S150 New x 6-5/8"DP Z140 New.

Hook Wt. (kN) @ 4,845 mBRT

Total Hook Weight	2,620
Pick Up Weight	
Slack Off Weight	
HPS & Traveling block & DES	750
Below Jar	
BHA	

Mud Properties

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St.		WL	Cake	pH	Pf	Cl-	K+	LGS	PPG	MBC	n	K	Temp In	Temp Out
Sea Water Gel	24:00	Pit	1.04	70	11	36	24	25			10.3							0.30	7.09	16	
Sea Water Gel	24:00	Pit	1.04	74	10	40	25	27			10.3							0.26	9.70	16	

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

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	
1	6					
2	6	0	0	0.0	-	-
3	6					

Personnel @24:00

CDEX	12
MQJ Crew	95
MQJ (Other)	1
MWJ	20
Scientist	28
Telnite	1
Sch-LWD	2
Sch-WL	1
Magnum	2
Franks	0
WWT	0
OCC	2
NOV	1
Sonardyne	1
Core-IRM	2
Other	2
Total	170

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

Item	Received	Used	Stock
Barite (Bulk)	0	0	557,500
Bentonite (by S.Lanka)	0	0	40,000
Kunigel-VO (Bulk)	0	0	212,000
NaOH	0	0	9,600
Lime	0	0	9,520
XCD-Polymer	0	0	100
Rester	0	0	3,000
Baracor-100 (gal)	0	0	110
Telnite OS-5	0	0	120
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0

Helicopter Information

Flt. No.	Time Arrived	Time Departed	Passenger Are.	Passenger Dept.
1				
2				
3				
4				
5				

Geologic Information 2012.04.xx

From	To	Litho logy

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	88.4	86.4	298.8
Potable Water	m3	0.0	7.9	269.1
Drill Water	m3	0.0	0.0	1,915.6
Fuel	m3	0.0	41.6	3,493.3
Lube, Oil	Ltrs	0.0	600.0	111,300.0
Heli Fuel	Ltrs	0.0	0.0	800.0

Mud Volume (m3)

Pre-Hyd.	246
Kill mud (1.30sg)	71
Premix SW	70
Sea Water Gel	132

Marine Information @24:00

Heave (m)	1.4
Pitch (deg)	0.8
Roll (deg)	0.2
Vessel Heading (deg)	115
Riser Tension (ton)	-
V.D. Load (Moon)	13027.9
Max Draught (m)	9.0
Thruster (kW)	960

Safety (HSE) and other information

Incident	Last Incident	No. LTA
LTA		
HUNS cards	17	

Remarks

DP advisory status. (#2 Bighead failure)

Boat Information@24:00

Boat Name	Status	Time Departed	Time Arrived
No.18 Kaikou-Maru	Chikyu		

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	c	10.0	13.7	1017.2	6.5	146.0	10.5	2.6	80	9.3	0.6	292	22

Today's Schedule : Troubleshoot DES, Resume run 20" casing, Seabed survey, 20" jetting