

**Chikyu DAILY MORNING REPORT**

**Mission No. : CK12-02**

**Exp. No. : Exp 343**

**Report No. :**

**14**

**Site Name : JFAST3**

**Hole Name :**

**Lat.**

**Long.**

**Report Date :**

**15/Apr/2012**

Depth : @24:00 \_\_\_\_\_ mBRT \_\_\_\_\_ mbsf \_\_\_\_\_ m Progress : \_\_\_\_\_ m Seabed Depth : \_\_\_\_\_ mBRT \_\_\_\_\_ m RT-MSL : **28.5** m  
 Depth : @06:00 \_\_\_\_\_ mBRT \_\_\_\_\_ mbsf \_\_\_\_\_ m Drilling/Coring Hrs. : \_\_\_\_\_ hrs LAST CASING : \_\_\_\_\_ x \_\_\_\_\_ mbsf

Summary of Operation : **14-Apr** : Continue running 20" casing. Install upper guide horn, Change out to DES and commission same  
 Present Operation to 06:00 on **15-Apr** : W/L slip & cut

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

From	To	Hrs	Code	Detail of Operation
0:00	5:00	5:00	CSG	Continue running 20" casing from 2415m to 4074m (till all 5-1/2"DP S140 are run). Install auto slip for 5-1/2"DP S140, fill up pipe every 10 stds. Install 7ea pipe inclination sensors onto middle guide horn.
5:00	10:45	5:45	Other	Install upper guide horn and wear bushing.
10:45	14:00	3:15	Other	Rig down hydraulic elevator, bail links and 500ton link tilt assembly.
14:00	21:00	7:00	Other	Install dual elevator system (DES), 750ton link spreader assembly. Function test same. Pick up and make up 5-1/2"DP S-150 premium 1std.
21:00	23:30	2:30	Other	Install centering device. Function test same.
23:30	24:00	0:30	Other	Commissioning DES.
Meanwhile, troubleshooting for UWTV fiber cable communication. Find UWTV fiber cable communication failure at 2:00. Shoot OTDR (Optical Time Domain Reflect meter) from UWTV side and find fault on all 4 fiber cables 100m from UWTV. Check OTDR record and find the fiber fault existed prior to 11th-Apr. Cut off 127m of UWTV cable. Re-termination and mold penetrator Install evergrip cable end. Fit test transponder and mini beacon onto UWTV. Confirm balance test same.				

Time Breakdown ( 00:00 - 06:00 on **15-Apr** ) \* The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	3:00	3:00	Other	Continue commissioning DES. Observe problem in auto sequence for trip out.
3:00	6:00	3:00	Other	W/L slip and cut 41m ongoing

**Bit Record**

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT)		Meter-age	Hrs.	WOB (kN)		rpm	Total Rev. (krev)	Dull Condition											
							From	To			Min.	Max.			Min.	Max.	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"HWD 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) @	4,196	mBRT
Total Hook Weight	2,240	
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	Out	
Sea Water Gel	24:00	Pit	1.04	70	11	35	24	25		10.3								0.31	6.69	17	
Sea Water Gel	24:00	Pit	1.04	74	11	38	27	28		10.3								0.29	7.93	18	

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	300	9,600
Lime	0	280	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
	0	0	0
	0	0	0

Helicopter Information

Fit. No.	Time		Passenger	
	Arrived	Departed	Are.	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	87.6	91.8	301.7
Potable Water	m3	0.0	5.7	278.6
Drill Water	m3	0.0	0.0	1,929.5
Fuel	m3	0.0	41.9	3,577.7
Lube, Oil	Ltrs	0.0	500.0	111,900.0
Heli Fuel	Ltrs	0.0	0.0	800.0

**Boat Information@24:00**

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

**Mud Volume (m3)**

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

**Marine Information @24:00**

Heave (m)	0.7
Pitch (deg)	0.5
Roll (deg)	0.2
Vessel Heading (deg)	8
Riser Tension (ton)	NA
V.D. Load (Moon)	13094.9
Max Draught (m)	9.0
Thruster (kW)	1,130

**Safety (HSE) and other information**

Incident	Last Incident	No. LTA
LTA		
HUNS cards	13	
Remarks		
DP advisory status.		

**Weather Information**

Time	Weather	Temp. (degC)		Barometer		Wind			Wave			Current		Visibility (km)
		Air	SW	(hPa)	Speed (m/s)	Dir. (deg)	Gust (m/s)	Height (m)	Dir. (deg)	Period (s)	Speed(knt)	Dir. (deg)		
24:00	c	8.0	12.2	1012.8	10.3	34.0	11.5	1.9	0	7.1	0.3	340	22	

Today's Schedule : Troubleshoot DES, Resume running 20" casing, Meanwhile re-terminate UWTV cable