Chikyu DAILY MORNING REPORT

Mission No. : CK13-04 **Exp. No. :** Exp 348 **Report No. :** 34

Site Name : C0002 **Hole Name :** C0002F **Lat.** 33° 18.0507'N **Long.** 136° 38.2029'E **Report Date :** 17/Oct/2013

Depth : @24:00 _____ mBRT _____ mbsf Progress : _____ m Seabed Depth : 1,967.50 mBRT RT-MSL : 28.5 m

Depth : @06:00 _____ mBRT _____ mbsf Drilling/Coring/Jetting Hrs. : 0.00 hrs LAST CASING : 20" x 860.30 mbsf(2,827.8 mBRT)

Summary of Operation on 16-Oct : WOW. Stand by at 17.3mile NNW of C0002F. Prepare recover LMRP.

Present Operation @ 06:00 on 17-Oct : Removing moon pool hoses.

mBRT: meter below rotary table

Time Breakdown (00:00 - 24:00 on 16-Oct mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	17:00	17:00	WOW	WOW. Stand by at 17mile NNW of C0002F. Suspend riser weight, tensioner: 880kN, diverter 5990kN. No compression on the top of riser was observed. Riser contact against moon pool was not observed. DP point was shifted 10-20m down wind side frequently to buffer strong wind force. No auto heading was used.
17:00	19:15	2:15	BOPE(WOW)	Prepare to recover LMRP. Skid BOP cart. Prepare VIV cable on mezzanine deck and VIV cable spooler on moonpool for recover LMRP.
19:15	21:30	2:15	BOPE(WOW)	Prepare to pickup riser with diverter. Found diverter lock dog left extend. Increase tensioner tension to 6000kN. Gatorlock to "Auto Lock" and increase tensioner tension to 6450kN. Confirm telescopic slip joint outer barrel (*1). Gatorlock to "Unlock" and decrease tensioner pressure. Stroke out telescopic joint (*2). Picked up diverter & UFJ after retract dog mechanically. Increase hook load to 950kN and open CMC. Gatorlock to "Auto lock" and stroke in cylinder of tensioner, confirm lock of Gatorlock. Gatorlock to "secure" (*3). Decrease tensioner tension to 830kN and hook load to 500kN (Tension on diverter: 5620kN).
21:30	23:00	1:30	BOPE(WOW)	Remove water hose on tensioner and hydraulic hose on slip joint. Meanwhile, recovered ROV to surface.
23:00	24:00	1:00	BOPE(WOW)	Uncouple tensioner ring. Pick up riser, hook load: 8200kN. Meanwhile, dive ROV and check LMRP condition - OK.

Weather Condition

Time	Wind Speed (m/s)	Wind Dir (deg)	Wind Gust (m/s)	Wave Hight (m)	Wave Dir (deg)	Wave Period (s)	Ship Pitch (deg)	Ship Roll (deg)
1:00	33.5	351	41.5	6.6	190.0	14.3	2.7	0.9
2:00	30.5	355	36.1	6.3	180.0	11.6	2.5	1.1
3:00	29.4	348	37.4	7.0	180.0	13.9	2.6	1.5
4:00	23.9	340	26.9	7.4	170.0	14.0	2.4	1.3
5:00	23.2	340	25.4	6.5	170.0	13.3	2.3	1.4
6:00	21.4	337	25.3	6.0	350.0	11.8	2.0	1.0
7:00	11.4	318	11.7	5.0	170.0	10.7	1.8	0.8
8:00	4.4	245	7.9	4.6	170.0	12.4	1.4	0.7
9:00	9.1	280	9.9	4.6	40.0	12.0	2.0	0.8
10:00	10.6	280	14.9	3.8	40.0	11.1	1.9	0.8
11:00	11.2	300	14.9	3.5	40.0	11.5	1.2	0.6
12:00	11.3	298	14.9	3.4	40.0	11.6	1.3	0.6

Max wind: 45m at 0:30.
Max heave: 10.5m at 1:30.
Max DP offset: 21m at 1:30.

Tensioner Stroke (m)

	*1	*2	*3
T1	-7.2	-5.5	-7.3
T2	-7.2	-5.4	-7.2
T3	-7.1	-5.2	-7.1
T4	-7.1	-5.3	-7.1
T5	-7.1	-5.3	-7.1
T6	-7.1	-5.3	-7.1

Tensioner Pressure @ rod(MPa)

	*1	*2	*3
T1	6.2	6.0	2.0
T2	6.3	6.1	1.8
T3	6.1	6.0	2.0
T4	6.3	6.0	1.7
T5	6.5	6.3	1.8
T6	6.4	6.2	1.8

Note:
One of the dog on spider malfunction. Removed for repair.

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

From	To	Hrs	Code	Detail of Operation
0:00	1:45	1:45	BOPE(WOW)	Continue uncouple tensioner ring, secure at moon pool.
1:45	2:45	1:00	BOPE(WOW)	Picked up riser string, remove smart bands. Remove special saddle and cables on slip joint.
2:45	3:30	0:45	BOPE(WOW)	Pull diverter on spider, laid down same. Remove cable clamp and smart bands.
3:30	4:30	1:00	BOPE(WOW)	Pull riser string to position moon pool hoses above BOP cart. Remove cable clamps and smart bands.
4:30	6:00	1:30	BOPE(WOW)	Remove choke, kill, conduit and boost coflex hose, ongoing.

Note:
Shincho maru suspend approaching to the rig due to strong wind of 22m/s.

Bit Record

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mart) From	Depth (mart) 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

BHA Record

Hook Wt. (kN) @ mBRT

Hook block, Riser R/T, Diverter R/T	520
Hook block	460

Cutting skip @24:00

Empty	Full	Total
45	0	45

Mud Properties

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St. (10", 10')	WL	Cake	pH	Pf	Cl-	Sand	Oil	Solid	MBC	Temp In	Temp Out	K+	n	K	LGS

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

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

Personnel @24:00

CDEX	7
MQJ Crew	99
MQJ (SC,Other)	1
MQJ (Sub sea & Hyd)	3
MWJ	15
Oceaneering	6
Schlumberger-CMT	2
SLB WL	0
Shinsei kougyo	5
SES	0
Geoservice	4
Vetco	2
Halliburton-LWD	3
Halliburton-DD	2
Weatherford	0
MI-Swaco	4
Total	153

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

Item	Received	Used	Stock
Barite (Bulk)	0	0	237,860
Kunigel-VO (Bulk)	0	0	12,000
NaOH	0	0	800
Lime	0	0	1,240
NaCl	0	0	48,000
KCl	0	0	36,000
Tel-Polymer DX / L / H	0/0/0	0/0/0	6760 / 4380 / 2060
XCD-Polymer	0	0	2,625
Soda Ash	0	0	1,975
KOH	0	0	2,500
Bi-Carbonate	0	0	1,000
Clean Lube	0	0	24,800
Tel DD	0	0	3,200
Lignate NC	0	0	2,000
Astex S	0	0	0
Treat HS	0	0	0
Defoamer 30C	0	0	208
Telnite GXL	0	0	54
Tel Clean	0	0	4,800
Baracor-100 (gal)	0	0	0
Tel Stop G / P	0 / 0	0	500 / 1000
Tel Mica C / M / F	0 / 0 / 0	0	500 /500 / 1000
Tel Plug C / M / F	0 / 0/ 0	0	500 /500 / 1000
Tan Cal M / F	0 / 0	0	1920 / 1920
EZ Spot	0	0	550
Speeder P / X	0 / 0	0	1700 / 1700
Rester	0	0	0
Telnite OS-5	0	0	0
Telnite HEC	0	0	0

ROV

Status	Standby
Last Dive	2013/10/16
Injection Skid	135 /135 gal

Geologic Information

From	To	Lithology of cuttings

Heli Information

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

Shale Shaker Centrifuge: hrs

No.1	#20, #110 x 2	No.4	#20, #84 x 2	No.1	
No.2	#20, #110 x 2	No.5	#20, #84 x 2	No.2	
No.3	#20, #110 x 2	No.6	#20, #84 x 2	No.3	

Safety (HSE) and other information

Incident	Last Incident 13/Feb/2013	No. LTA
LTA		
HUNS cards	12	
Remarks		

Materials Stock on Board @24:00

Item	Unit	Received	Used	Stock
Fresh Water	m3	131.5	88.0	312.0
Potable Water	m3	0.0	2.9	261.4
Drill Water	m3	0.0	0.0	1,996.4
Fuel	m3	0.0	57.0	6,894.2
Lube, Oil	Ltrs	0.0	900.0	103800
Heli Fuel	Ltrs	0.0	0.0	0.0
Cement "GWC"	ton	0.0	0.0	82.0
Cement "G"	ton	0.0	0.0	161.0

Marine Information @24:00

Heave (m)	0.7
Pitch (deg)	0.5
Roll (deg)	0.3
Vessel Heading (deg)	350
Riser Tension (kN)	638
V.D. Load (Moon)	15995.7
Max Draught (m)	9.2
Thruster (kW)	1220

Boat Information @24:00

Boat Name	Status	Time @Chikyu Departed	Time @Chikyu Arrived
Kaiyu	Mikasa bay	-	-
Shinchou-maru	to Chikyu	-	-
Hakuryu-maru	Typhoon evecuation	-	-

Mud Volume (m3)

KNPP mud (1.12)	768
KNPP mud (1.08)	124
Prehy Gel (1.05)	12

Well Cost (1,000 Yen)

Daily	
Cumulative	

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	bc	18.0	24.8	1017.4	15.0	343.0	17.6	2.2	350	7.0	0.2	161	22.0

Today's Schedule : WOW. Monitor trajectory of #27 typhoon.

Reported by : S. Kataoka / S. Yamada

Approved by : T.Saruhashi