

Chikyu DAILY MORNING REPORT

Mission No. : CK18-04

Exp. No. : Exp 358

Report No. : 73

Site Name C0002 Hole Name C0002R Lat. 33° 18.0507'N Long. 136° 38.2029'E Seabed Depth : 1,967.5 mBRT RT-MSL : 28.5 m Report Date : 19/Dec/2018

Depth : @24:00 4,762.0 mBRT 2794.5 mbsf Progress : 0.0 m Drilling/Coring/Underreaming Hrs. : 0.00 hrs Last BOP PT: 12/14/2018 Next BOP PT: 1/4/2019

Summary of Operation on 18-Dec : POOH primary Tri-Mill assembly from 4,635mBRT to surface. MU and RIH back up Tri-Mill assembly to 3,700mBRT. Last Glycol 35gal Inj. 12/18/2018

Present Operation @ 06:00 on 19-Dec : Cont. RIH back up Tri-Mill assembly from 3,700mBRT to 4,762mBRT. Take parameters. Milling from 4,760.7mBRT

Time Breakdown (00:00 - 24:00 on 18-Dec)

Table with columns: From, To, Hrs, Code, Depth(mBRT), Detail of Operation. Includes operations like 'Continue POOH primary 10-1/2" Tri-Mill assembly from 4,635mBRT to surface.' and 'Rig service.'

[Vessel status] (00:00-07:00) Advisory status: Average window speed exceed more than 18m/s. (14:05-17:30) Advisory status: STB side #1 generator maintenance

Ditch magnet: 0kg (Total 45.0kg) * The data on 00:00 - 06:00 is unofficial.

Time Breakdown (00:00 - 06:00 on 19-Dec)

Table with columns: From, To, Hrs, Code, Depth(mBRT), Detail of Operation. Includes operations like 'RIH back up 10-1/2" Tri-Mill assembly from 3,700mBRT to 4,762mBRT.' and 'Conduct break Circulation and take parameters at 4,742m'

Bit Record @24:00 table with columns: Bit No., Size (in), MFR, Type, IADC Code, S/No., Nozzles, Depth (mBRT), Meter-age, Hrs., WOB (kN), rpm, Total Rev. (krev), ROP (m/hr), Dull Condition.

BHA Record @24:00 table with columns: #, Whipstock, 10-1/2" Tri-Mill. Includes assembly details like 'Anchor/Whipstock Assembly x 10-1/2" OD Trill mill x 8" OD Running Tool x 6-5/8" HWDP'.

Mud Properties @24:00 table with columns: Mud Type, Time, Depth (mBRT), MW, VIS, PV, YV, 6rpm, Gel St., API, Cake, pH, Cl-, Sand, Oil, Solid, MBC, Temp In/Out, K+, n, K, LGS, FIT 20/40 (mm).

Mud Pumps : 14#-Z20 5.00 gallon/stroke @97% table with columns: No., Liner Size, SPM, GPM, Press. (MPa), Ann. Vel. (m/min).

Personnel @24:00 table with columns: CDEX, MQJ Crew, MWJ, Scientist, Telnite, Oceaneering, SLB Cementing, SLB WL, Geoservices, M-I SWACO, SLB Underreamer, SLB LWD, SLB Seismic, AFGlobal, ENVENTURE, SLB DD, Franks.

Mud Materials on Board @24:00hrs (unit: kg) table with columns: Item, Received, Used, Stock. Includes Barite (Bulk), Caustic Soda, Lime, Soda Ash, Caustic Potash, etc.

Summary tables: Hook Wt. (knt) @24:00, BHA, Below HWDP, HPS & Travelling block, Hook + RRT, Hook block, Jar Rotating time 24S/N, Today, Total, Empty, Full, Total, ROV @24:00, Status, Last Dive, Injection Skid.

Geologic Information @24:00 table with columns: From, To, Lithology of cuttings.

Shale Shaker @24:00 Centrifuge:3.5 hrs table with columns: No.1, 2, 3, 20, 230, No.4, 30, 270, No.1, off.

Materials Stock on Board @24:00 table with columns: Item, Unit, Stock, Used, Received. Includes Fresh Water, Potable Water, Drill Water, Fuel, Lube, Oil, Heli Fuel, Cement "GWC", Cement "G".

Boat Information @24:00 table with columns: Boat Name, Status, Time @Chikyu, Departed, Arrived. Includes #8 Meiji-maru, Akatsuki, Shingu, Shincho-manu.

Mud volume@24:00 table with columns: Mud Volume (m3), KNPP mud (1.37), Slug mud, KNP mud (1.35), total.

Mud Materials on Board @24:00hrs (unit: kg) table with columns: Item, Received, Used, Stock. Includes Balolift, Driscoll D, Tel Flow P, Poro Seal, Steel Seal 50, KCl, NaCl, Fracseal, Stopseal, Bentonate(Bulk).

Heli Information @24:00 table with columns: Flt. No., Time, Passenger. Includes Heli No. 1, 2, 3, 4.

Safety (HSE) and other information table with columns: Incident, Last Incident, No. LTA. Includes HUNS cards, Remarks.

Weather Information table with columns: Time, Weather, Temp. (degC), Barometer, Wind, Wave, Current, Visibility. Includes Air, SW, Speed (m/s), Dir. (deg), Gust (m/s), Height (m), Dir. (deg), Period (s), Speed(knt), Dir. (deg), (km).

Today's Schedule: Cont. Milling window by back up Tri-mill assembly. Circulation bottoms up. Conduct FIT. POOH back up Tri-mill assembly. Reported by : A. Suzuki / N. Sakurai Approved by : T. Saruhashi