

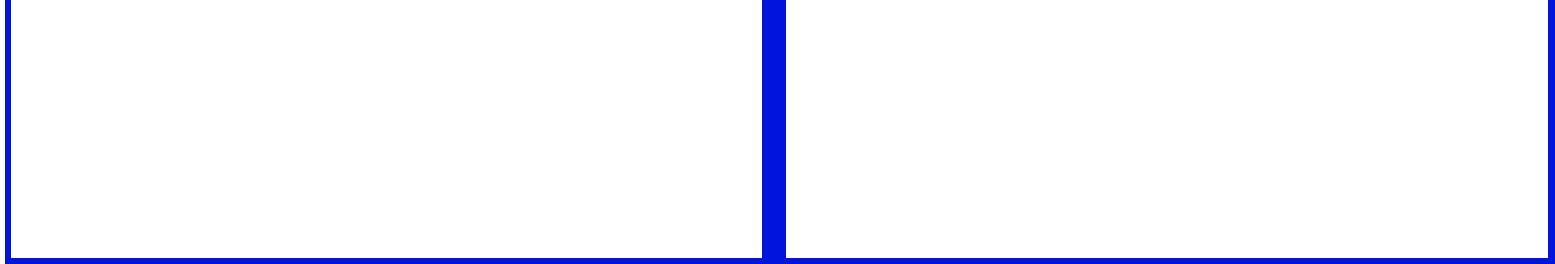
Drilling Mechanic Log ECO, DHAT, DHAP, Collar RPM 8.5in Recorded Mode, MD 1:500 											
Company: JAMSTEC											
Well: C0019F											
Field: C0019/C0026											
Rig Name: The "Deep Sea D/V CHIKYU"											
Prefecture: Miyagi											
Country: Japan											
Latitude: 37° 56' 20.99" N			UWID: O.1042972.01								
Longitude: 143° 54' 47.844" E			Rig Name: The "Deep Sea D/V CHIKYU"								
Block:			Rig Type: Drill ship								
FL: C0019/C0026											
FL1: X: 756017.4m											
FL2: Y: 4203068.8m											
Log Measured From: - Drill Floor: 28.50 m Permanent Datum: - Mean Sea Level 											
Ground Level: 6898.00 m											
Acquisition Dates: 14-Sep-2024 -- 15-Sep-2024			Other Services:								
Log Interval: 6926.40mBRT - 7019.00mBRT			Cont. DNI								
Index Types: Measured Depth			MicroScope Resistivity Image								
Index Scales: 1:500			Delta-T								
Depth Source: Driller's Depth											
Depth Sensor: DES											
Print Type: Final											
Spud Date: 13-Sep-2024											

Disclaimer

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Well Sketch

Driller Depth
6923.000 m





Borehole Size/Casing Record

Bit						
Bit Size (in)	8.5					
Top Driller (m)	6923					
Bottom Driller (m)	7024					

Operational Run Summary

Parameter (unit)	C0019F_Run1					
Date Log Started	13-Sep-2024					
Time Log Started	22:50:14					
Date Log Finished	15-Sep-2024					
Time Log Finished	22:31:16					
Bit Size (in)	8.500					
Bit Start Depth (m)	6926.400					
Bit Stop Depth (m)	7024.000					
Top Log Interval (m)	6926.400					
Bottom Log Interval (m)	7019.009					
Max Hole Deviation (deg)	9.02					
Azimuth of Max Deviation (deg)	245.08					
Logging Unit Number	OLU-MAB 20011					
Logging Unit Location	Zone2					
Recorded By	W.Song/Q. Ruan/ N. Sato/K. Kawaguchi					
Witnessed By	A. Wspanialy					
Service Order Number	O.1042972.01					

Borehole Fluids

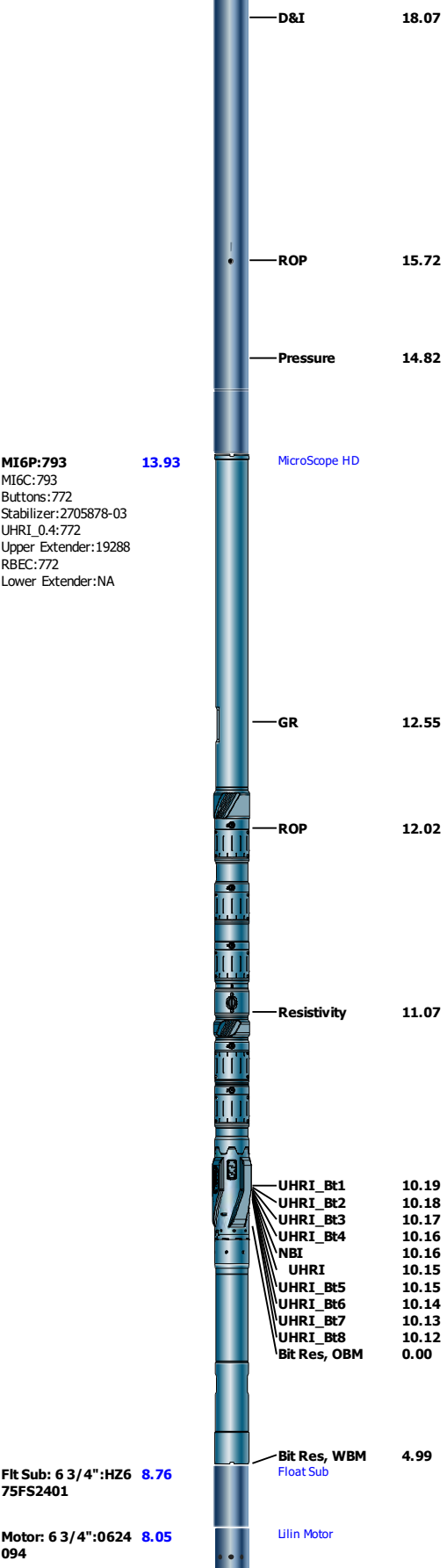
Parameter(unit)	C0019F_Run1					
Fluid Type	Water					
Fluid Name	Sea water					
Max Recorded Temperatures (degC)	2					
Source of Sample	Active Tank					
Salinity (ppm)	36665					
Density (g/cm3)	1.03					

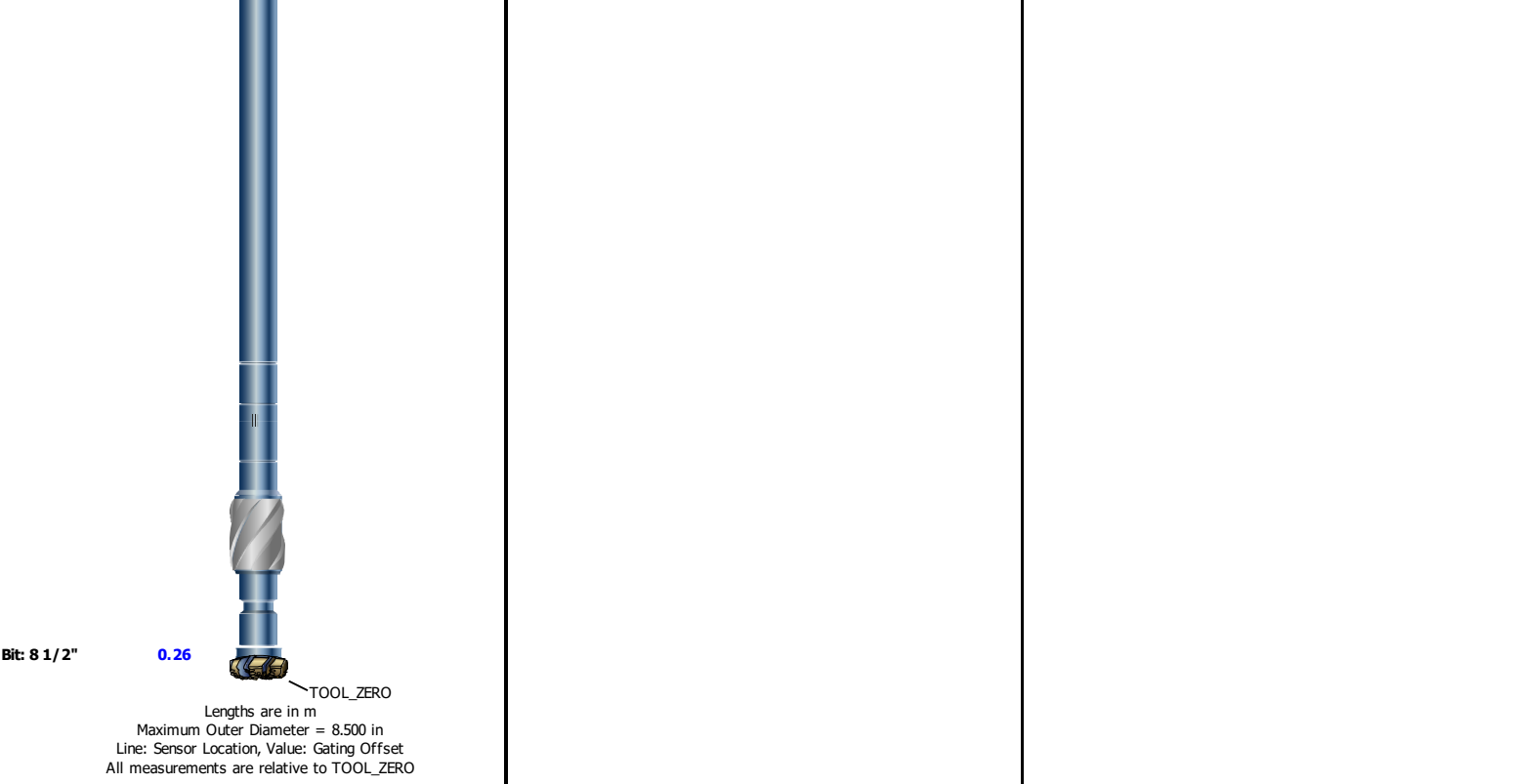
Funnel Viscosity (s)						
Fluid Loss (cm3)						
PH	7					
Source RMF	Calculated					
RMC	Calculated					
RM @ Meas Temp (ohm.m@degC)	0.08 @ 2					
RMF @ Meas Temp (ohm.m@degC)	0.06 @ 2					
RMC @ Meas Temp (ohm.m@degC)	0.12 @ 2					
RM @ BHT (ohm.m@degC)	0.08 @ 2					
RMF @ BHT (ohm.m@degC)	0.06 @ 2					
RMC @ BHT (ohm.m@degC)	0.12 @ 2					
Total Solid (%)						
High Gravity Solids (%)						

Remarks and Equipment Summary

C0019F_Run1: Toolstring				C0019F_Run1: Remarks	
Equip name SONICSCOPE6:H3340 Length 32.42 MP name SonicScope Offset XOS6:NCN2161+5 MP6DC:H3340 Upper Stabilizer:BT-6300-01 Lower Stabilizer:BT-6092-01 Upper Extender:NA MP6UC:8029 MP6LC:8029 Lower Extender:07-047  ROP 28.8 Delta-T 27.59 TELE675:N003128 22.09 MSSU675:PCT09202028 Upper Extender:SN21 MDC675:N003128 MMA:7142 MDI:5040 PMGD:1982 PMEA:4189 MTA:3674-T MTK675-0017 TeleScope	All data presented is from tool's memory and acquired while drilling.				
	Depth reference is driller's depth.				
	Drilling fluid is sea water.				
	TeleScope TAPWD ECD corrected with riserless flagging.				
	Record rate for ECO, DHAT, DHAP is 30s.				
	Drilling log interval: 6926.40mBRT - 7009.18mBRT.				
	Drilling interval: 6926.40mBRT -				
	Total pumping hours: 9.91hrs. Total drilling hours: 5.83hrs.				
	Reason for POOH: TeleScope failure.				

APWD:5006
MSSD675:OSSTJ2404-33
Lower Extender, Long
:CREPC-12





Survey Record

Survey Calculation			
Method :	Minimum Radius of Curvature	DLS Method :	Lubinski
North Reference :	Grid North	Total Correction Formula :	Magnetic Dec - Grid Convergence
Grid Convergence :	1.79 deg		

Rig Location					
Latitude :		37° 56' 20.99" N		Longitude :	
				143° 54' 47.844" E	
Tie In Point					
Measured Depth:	0.000 m	Inclination:	0.00 deg	Azimuth:	0.00 deg
True Vertical Depth:	0.000 m	North Displacement:	0.000 m	East Displacement:	0.000 m
N/-S VSec Origin:	0.000 m	E/-W VSec Origin:	0.000 m	Vertical Section Azimuth:	0.00 deg

D&I Inits Computed and Values Used - C0019F_Run1			
Geomagnetic Model :	HDGM 2024	Geomagnetic Date :	15-Jul-2024
Computed Location B :	46962.57 nT +/- 300.00nT	Used Location B :	46962.57 nT +/- 300.00nT
Computed Location G :	999.32 mgn +/- 2.50mgn	Used Location G :	999.16 mgn +/- 2.50mgn
Computed Magnetic Dip :	51.53 deg +/- 0.45deg	Used Magnetic Dip :	51.53 deg +/- 0.45deg
Computed Magnetic Dec :	-7.75 deg	Used Magnetic Dec :	-7.75 deg
Computed Total Correction :	-9.54 deg	Used Total Correction :	-9.54 deg

D&I Inits Computed and Values Used - Run 2			
Geomagnetic Model :	HDGM 2024	Geomagnetic Date :	15-Jul-2024
Computed Location B :	46962.57 nT +/- 300.00nT	Used Location B :	46962.57 nT +/- 300.00nT
Computed Location G :	999.32 mgn +/- 2.50mgn	Used Location G :	999.16 mgn +/- 2.50mgn
Computed Magnetic Dip :	51.53 deg +/- 0.45deg	Used Magnetic Dip :	51.53 deg +/- 0.45deg
Computed Magnetic Dec :	-7.75 deg	Used Magnetic Dec :	-7.75 deg
Computed Total Correction :	-9.54 deg	Used Total Correction :	-9.54 deg

Survey Quality Index			
2 : Long Survey failed mag criteria	9 : Manual	28 : Tie-In Point	

Survey Correction Index			
0 : No correction			

Survey Description Index			
0 : Not Flagged Survey	7 : Projection to Bit		

Seq	MD (m)	Incl (deg)	Azim (deg)	Course (m)	TVD (m)	V Sec (m)	N/ -S (m)	E/ -W (m)	Closure (m)	at Azim (deg)	DLS deg/30m	Tool Type	QI	CI	DI
1	0.000	0.00	0.00	- - - -	0.000	0.000	0.000	0.000	0.000	90.00	0.00	TIP	28	0	0
2	6926.50	0.00	0.00	6926.50	6926.50	0.000	0.000	0.000	0.000	90.00	0.00	Other	9	0	0

C0019F_Run1

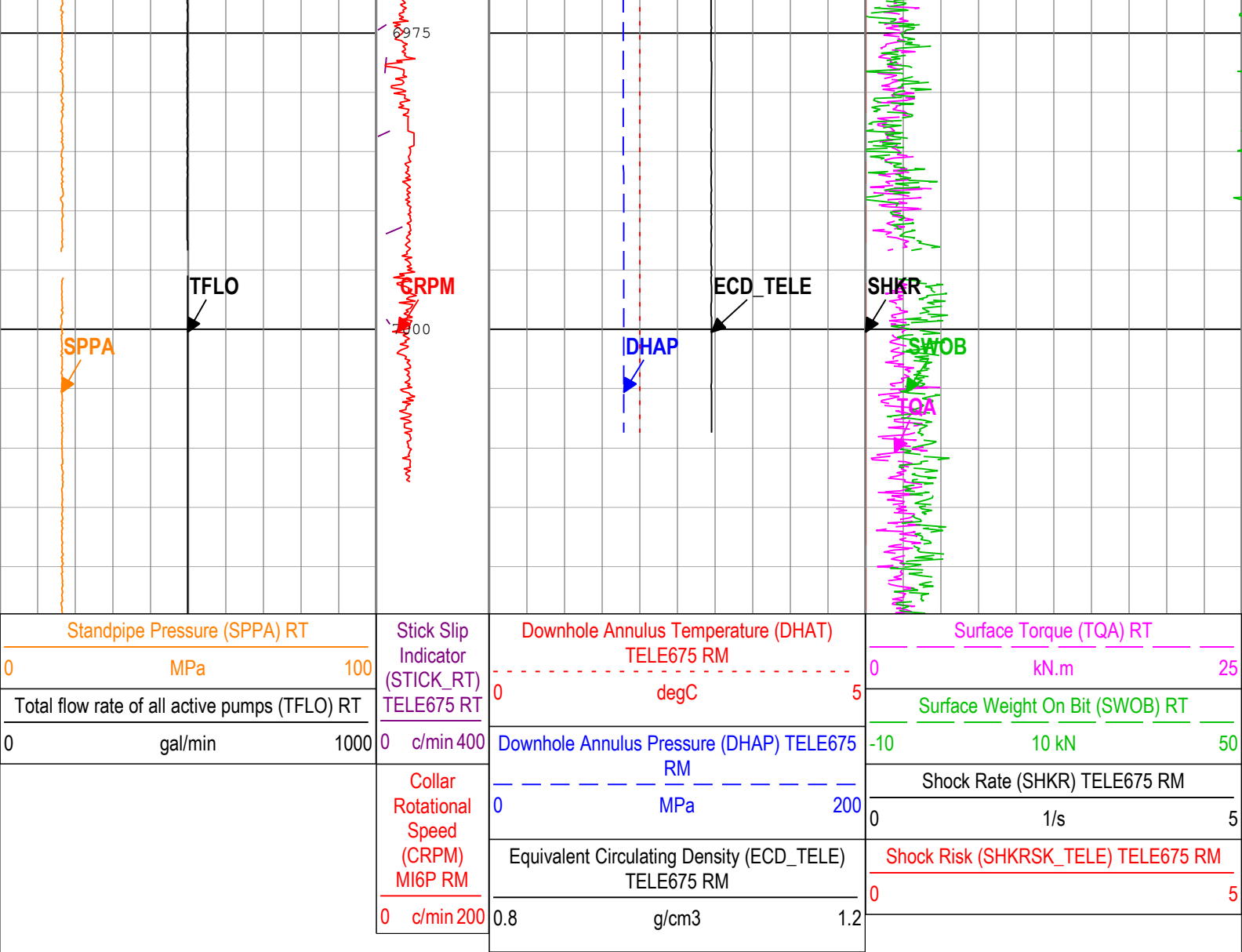
Acquisition System	Version
Maxwell 2024.0	14.0.226717.3100
Application Patch	DnM_Hotfix-Mandatory-2024.0_14.0.230074
	DnM_NPD-MI6P-2024.0_14.0.228839

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	Include Parallel Data
C0019F_Run 1	Drilling	Down	6899.453 m	7024.040 m	14-Sep-2024 4:07:08 AM	15-Sep-2024 10:31:16 PM	No

Log

Company:JAMSTEC Well:C0019F
C0019F Run1: Drilling:S044

Stick Slip Indicator (STICK_RT) TELE675 RT		Downhole Annulus Temperature (DHAT) TELE675 RM		Surface Torque (TQA) RT	
0 c/min 400		degC		kN.m	
0 c/min 400		Downhole Annulus Pressure (DHAP) TELE675 RM		Surface Weight On Bit (SWOB) RT	
0 c/min 400		MPa		10 kN	
Standpipe Pressure (SPPA) RT		Equivalent Circulating Density (ECD_TELE) TELE675 RM		Shock Rate (SHKR) TELE675 RM	
MPa		g/cm3		1/s	
Total flow rate of all active pumps (TFLO) RT		Shock Risk (SHKRSK_TELE) TELE675 RM			
gal/min					
0 100 1000		0 200		0 5	
6925		0.8 1.2		0 5	
8950					



Description: MI6 Resistivity, Deep Button Image RM Format: Log (DML_Depth_RM MD500) Index Scale: 1:500 Index Unit: m Index Type: Measured
Depth Creation Date: 11-Oct-2024 01:39:27

Channel Processing Parameters

C0019F_Run1: Parameters

Parameter	Description	Tool	Value	Unit
APRE	Atmospheric Pressure	Borehole	1013.25	mbar
DEPTH_SEL	Depth Selection Parameter	DNMSESSION	Driller's Depth	
DHAP_SRC	DHAP Input Channel Name	TELE675	DHAP	
FLEV	Depth of Drilling Fluid Level to LMF (Log Measured From)	Borehole	-25.5	m
RHO_SEAWATER	Density of the Sea Water	Borehole	1.02	g/cm3
SF_FLAG	Mud Return to Sea Floor (No Riser)?	Borehole	Yes	
TREE_HEIGHT	Tree Height	Borehole	0	m

Tool Control Parameters

C0019F_Run1: Parameters

Parameter	Description	Tool	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DNMSESSION	0.6	m

Calibration Report

Company: JAMSTEC

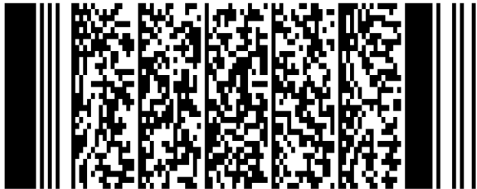
Well: C0019F

Field: C0019/C0026

Rig Name: The "Deep Sea D/V CHIKYU"

Prefecture: Miyagi

Country: Japan





Drilling Mechanics Log

ECO, DHAT, DHAP. Collar RPM

8.5in Recorded Mode, MD 1:500