Rig: **JOIDES Resolution** Country: **USA**

LOCATION

Elev.: K.B. -603.20 m
G.L. -592.20 m
D.F. -603.20 m

Permanent Datum:	<u>Mean Sea Level</u>	Elev.:	<u>0.00 m</u>
Log Measured From:	<u>Sea Floor</u>	11.00 m	above Perm. Datum
Drilling Measured From:	<u>Drill Floor</u>		

Ocean:	Max. Well Deviation	Longitude	Latitude
Atlantic	0 deg	N 75° 42' 58.35"	W 65° 57' 12.19"

Rig: JOIDES Resolution
Field: Baffin Bay

Location: Latitude: N 75° 42' 58.35"

Well: Expedition 344S U0060A (USC6

Well: Expedition 344S, U0060A (USC6

Company: Lamont Doherty Earth Observatory

Logging Date				27-Sep-2012			
Run Number				1			
Depth Driller				239.1 m			
Schlumberger Depth				195.5 m			
Bottom Log Interval				195 m			
Top Log Interval				43 m			
Casing Driller Size @ Depth				7.000 in		@ 33 m	
Casing Schlumberger				31 m			
Bit Size				9.875 in			
Type Fluid In Hole				Seawater			
MUD	Density		Viscosity		1.05 g/cm3		
	Fluid Loss		PH				
	Source Of Sample				N/A		
	RM @ Measured Temperature				@		
RMF @ Measured Temperature				@			
RMC @ Measured Temperature				@			
Source RMF		RMC		N/A		N/A	
RM @ MRT		RMF @ MRT		@ 9		@ 9	
Maximum Recorded Temperatures				9 degC			
Circulation Stopped			Time		27-Sep-2012		18:00
Logger On Bottom			Time		27-Sep-2012		22:20
Unit Number		Location		625003 Houston			
Recorded By				C. Furman			
Witnessed By				G. Guerin, H. Evans			

Logging Date			
Run Number			
Depth Driller			
Schlumberger Depth			
Bottom Log Interval			
Top Log Interval			
Casing Driller Size @ Depth		@	
Casing Schlumberger			
Bit Size			
Type Fluid In Hole			
MUD	Density	Viscosity	
	Fluid Loss	PH	
	Source Of Sample		
RM @ Measured Temperature		@	
RMF @ Measured Temperature		@	
RMC @ Measured Temperature		@	
Source RMF	RMC		
RM @ MRT	RMF @ MRT	@	@
Maximum Recorded Temperatures			
Circulation Stopped		Time	
Logger On Bottom		Time	
Unit Number	Location		
Recorded By			
Witnessed By			

Run 4

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

OS1: HRLA
OS2: DSI
OS3: HNGS

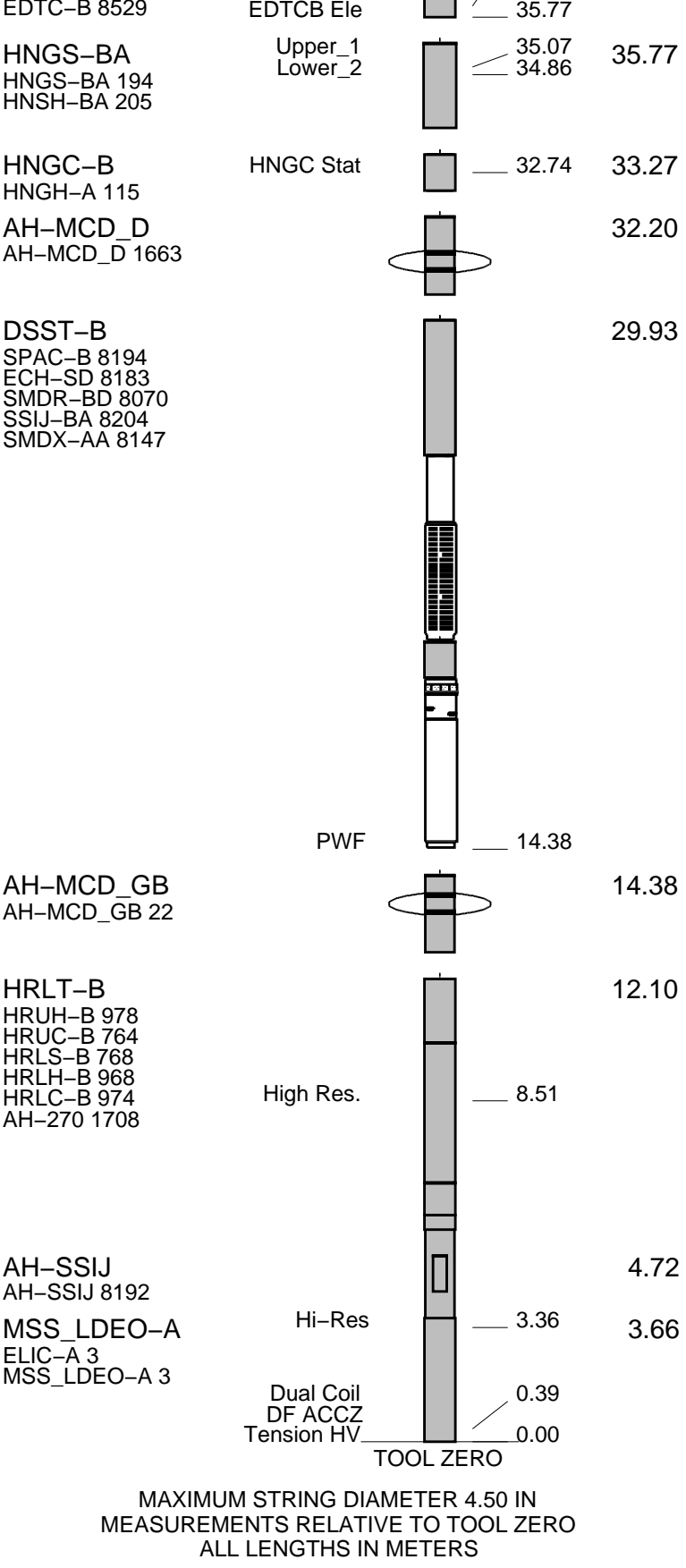
Note that the bottom ~5m of the MSS data may be affected by reduced borehole size (suspected partial hole collapse).

STOP

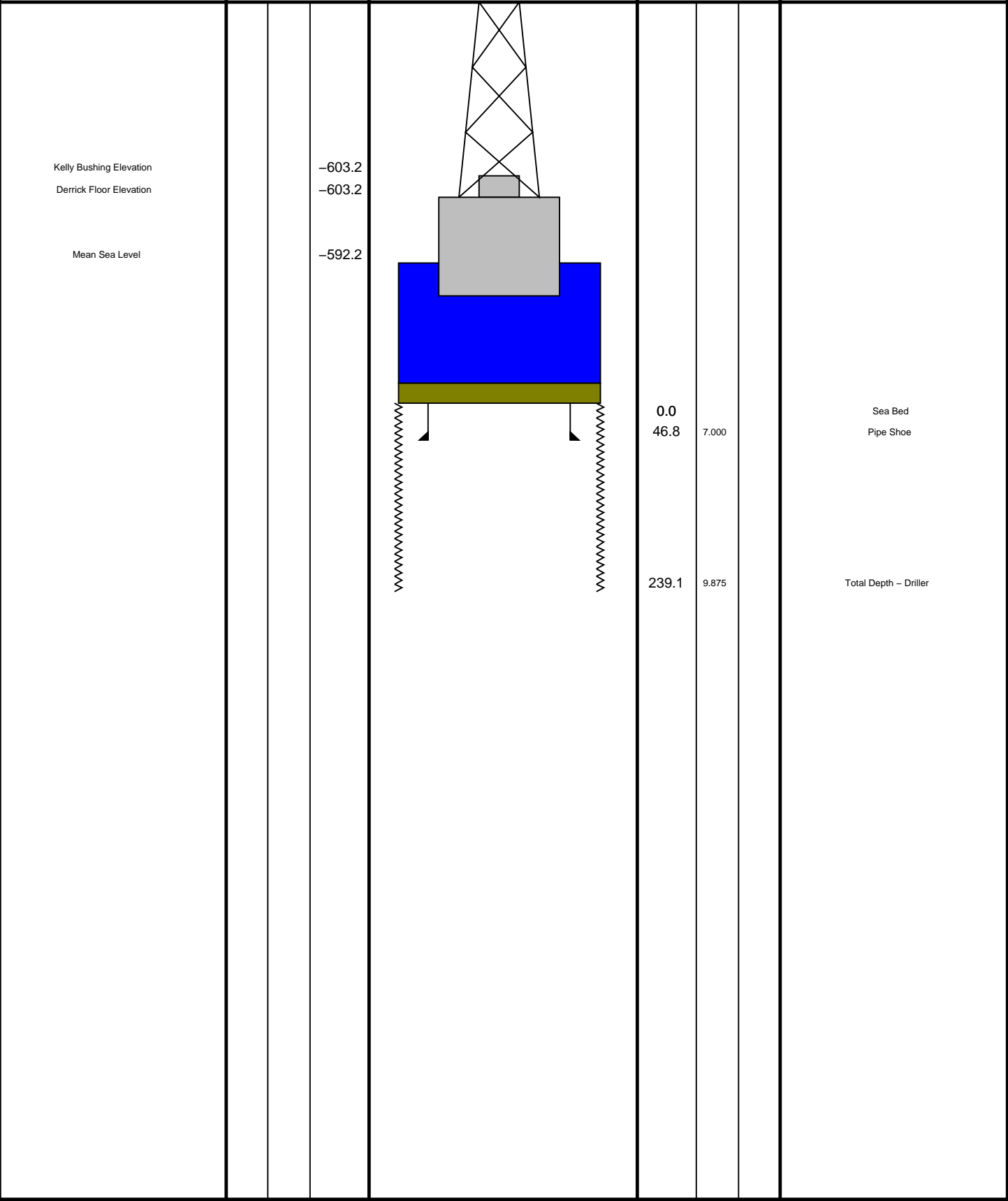
RUN 2

GSR-U 616008
WITM (EDTS)-A

LEH-MT			39.15
LEH-MT 101	MDSB_EDTC		
AH-369	Mud Tempe		37.75
	CTEM		36.69
EDTC-B	Gamma Ray		36.12
EDTH-B 8528	EFTB DIAG		37.75
	TelStatus		



Production String	(in)	(m)	Well Schematic	(m)	(in)	Casing String
	OP	ID	MD	MD	OP	ID





Up Log

MAXIS Field Log

Company: Lamont Doherty Earth Observatory

Well: Expedition 344S, U0060A (USC60)

Input DLIS Files

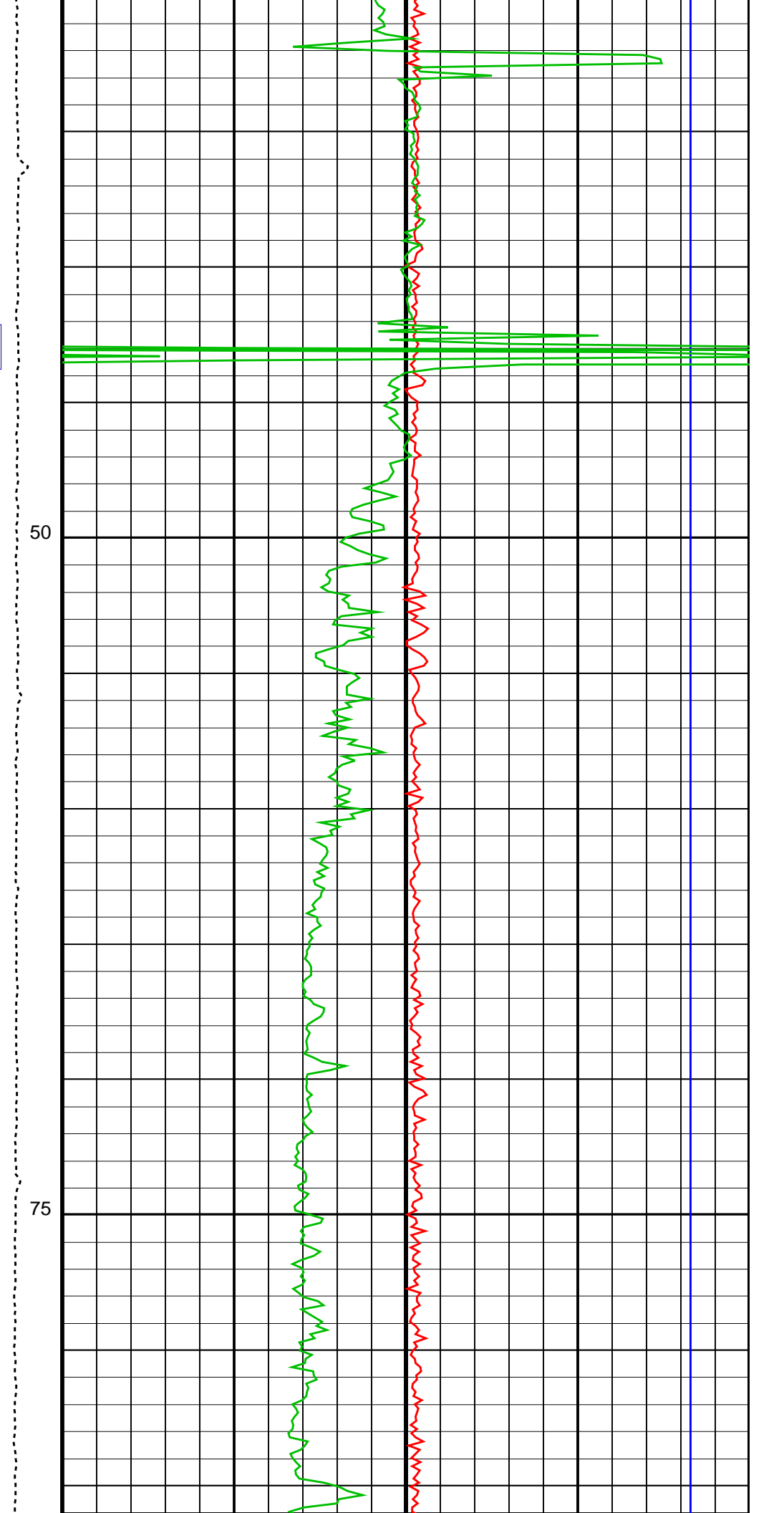
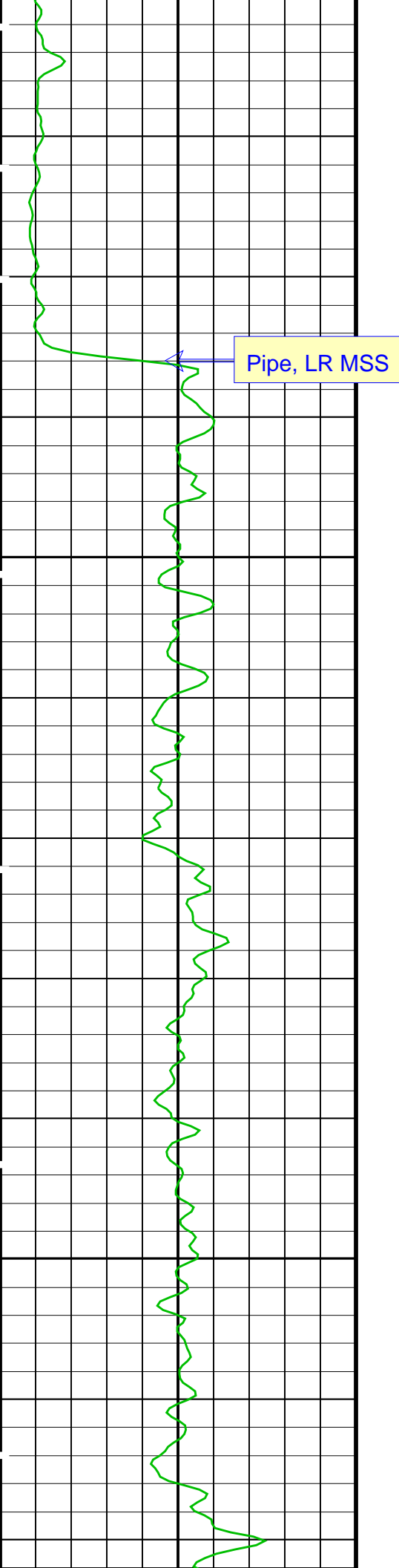
DEFAULT	MSS_LDEO_HRLA_DSI_007LUP	FN:6	PRODUCER	28-Sep-2012 00:21	788.7 M	579.3 M
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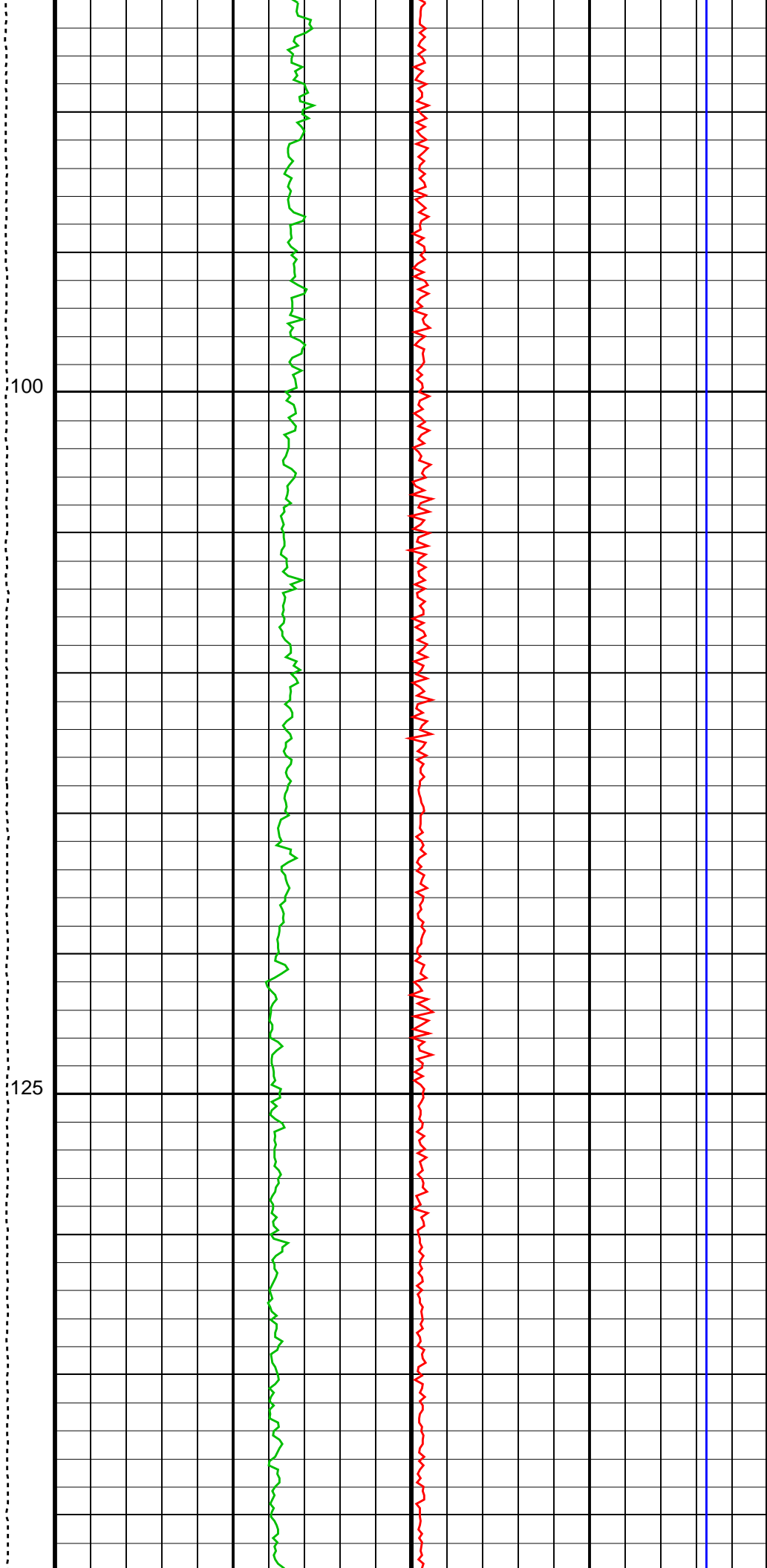
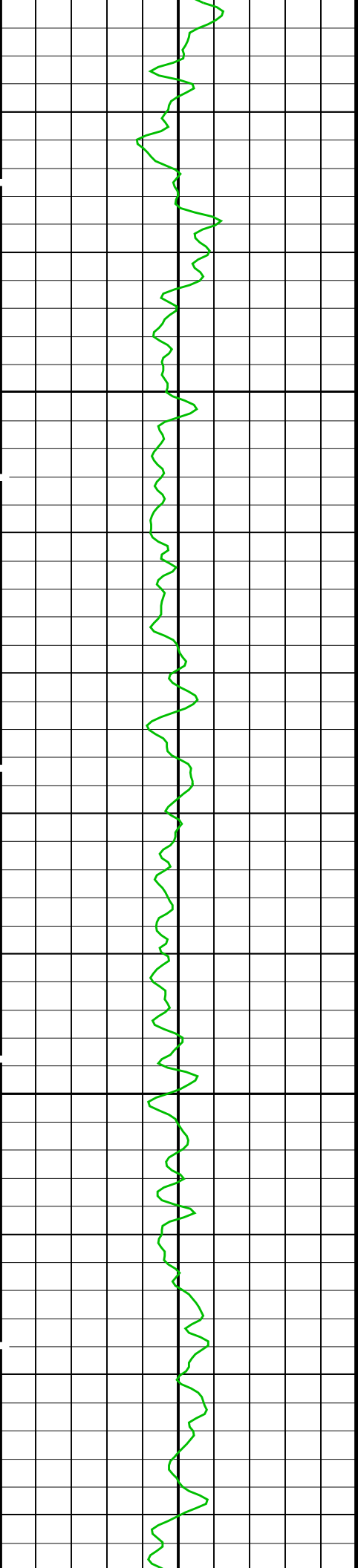
Output DLIS Files

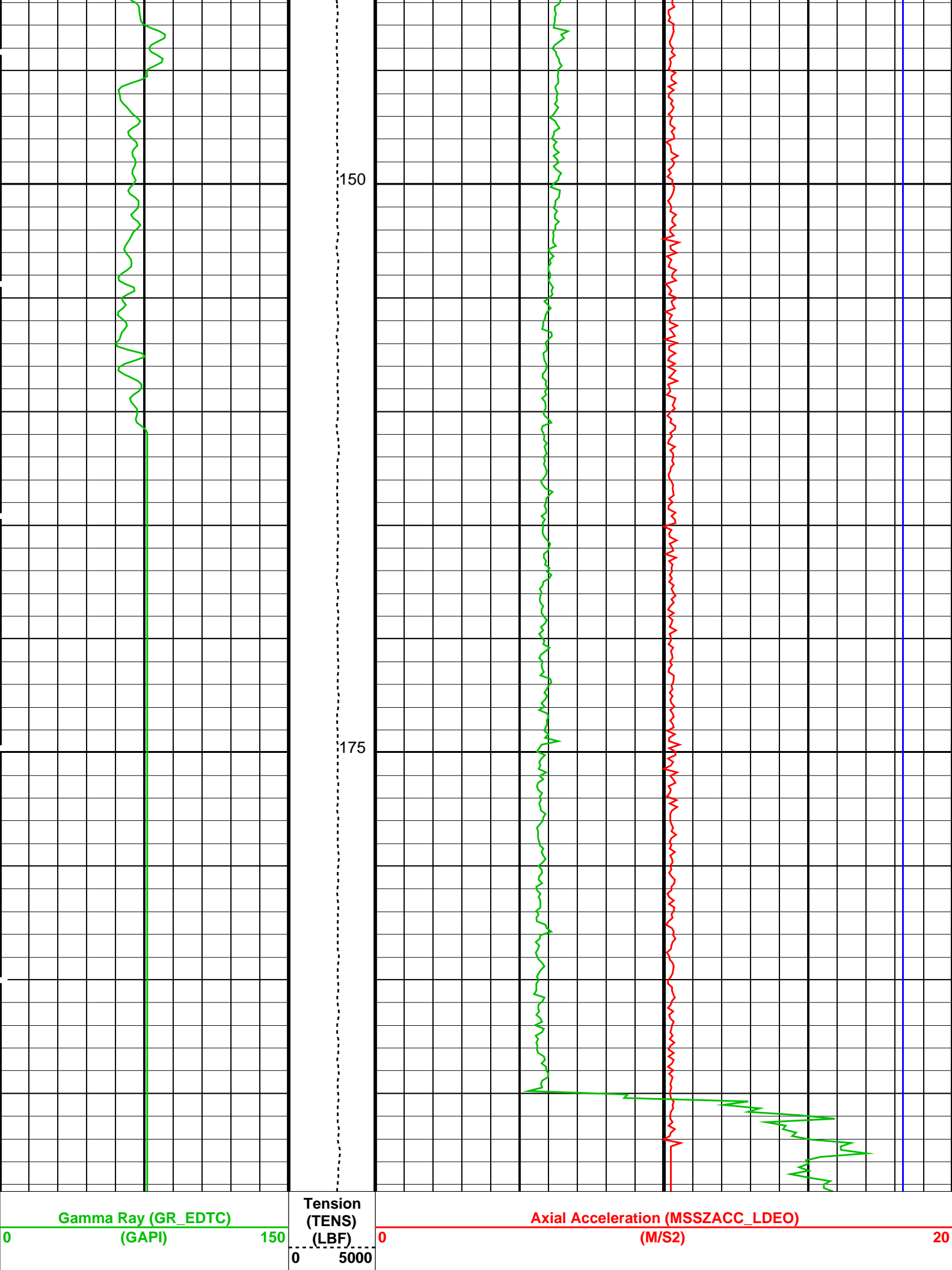
DEFAULT	MSS_LDEO_HRLA_DSI_011PUP	FN:10	PRODUCER	28-Sep-2012 20:08	194.3 M	-14.6 M
CLIENT	MSS_LDEO_HRLA_DSI_011PUC	FN:11	CUSTOMER	28-Sep-2012 20:08	194.3 M	-14.6 M

OP System Version: 19C0-187

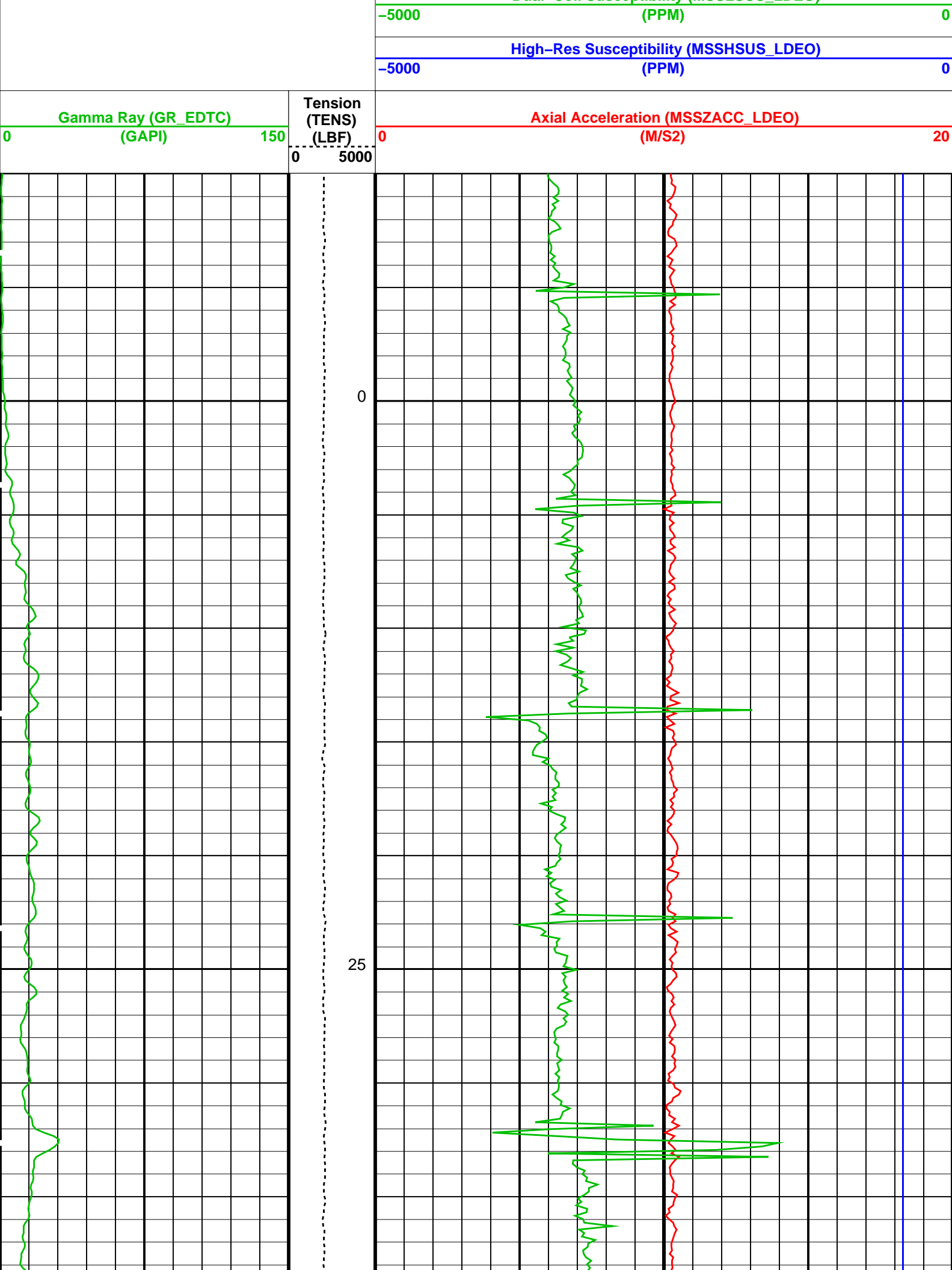
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

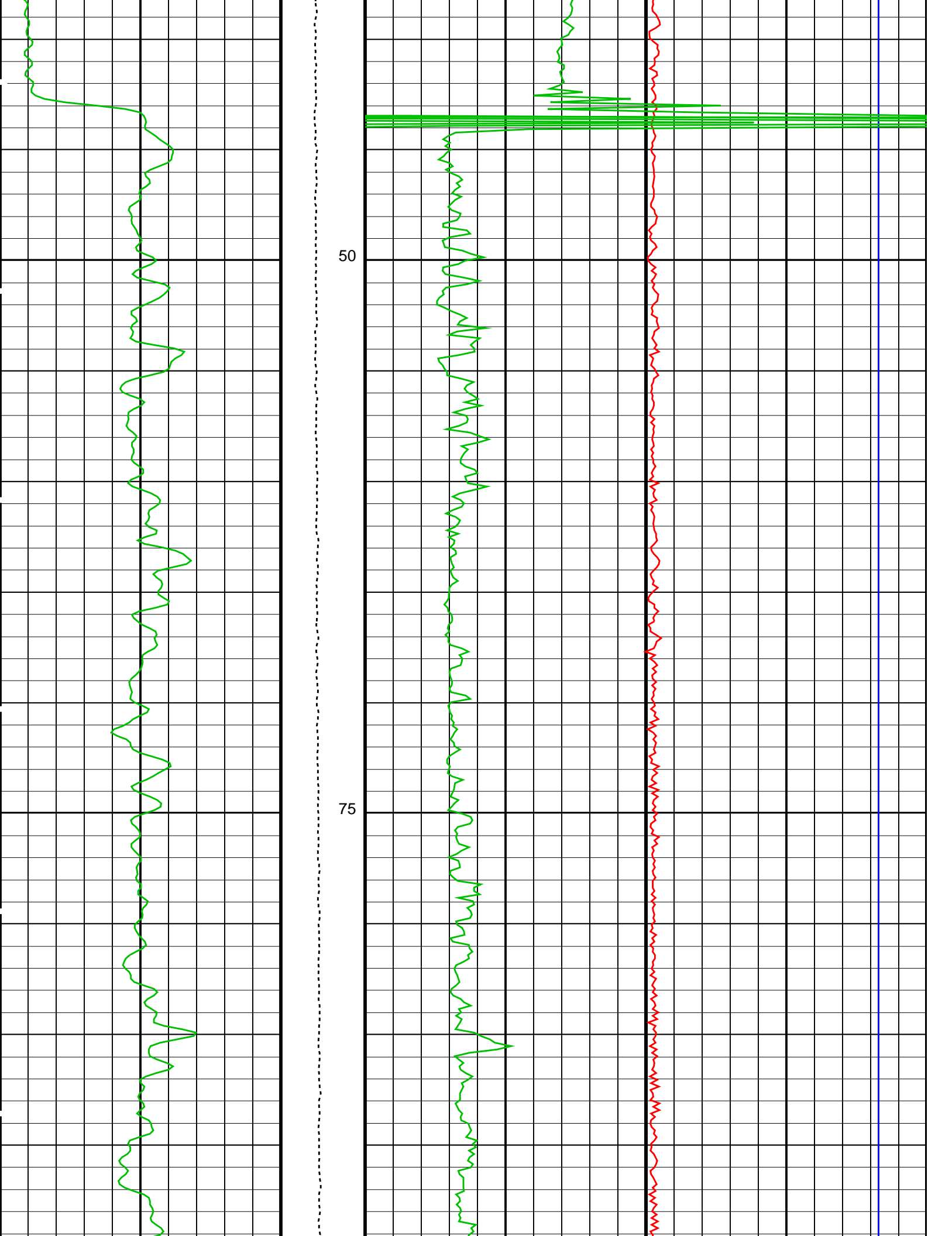


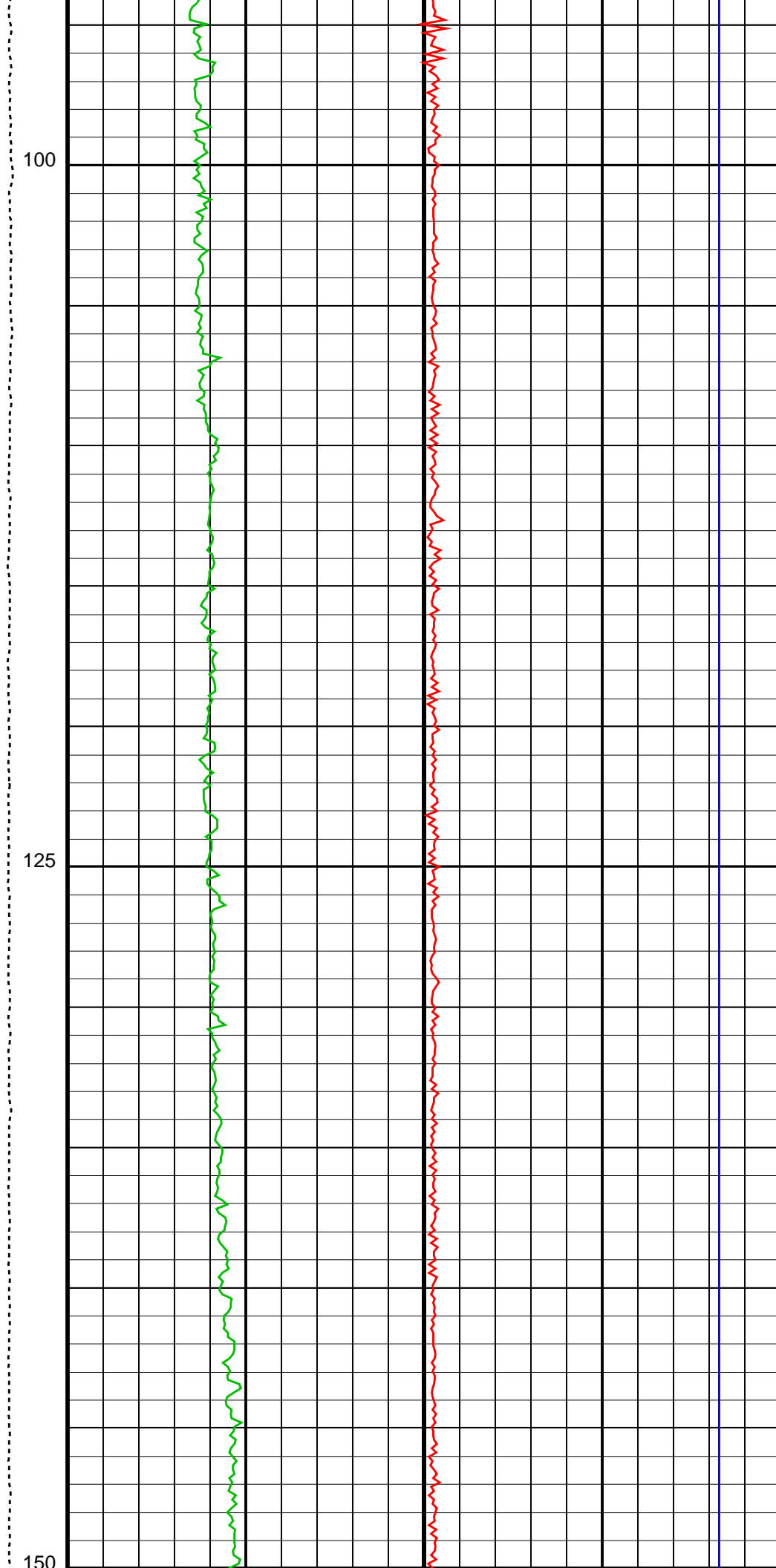
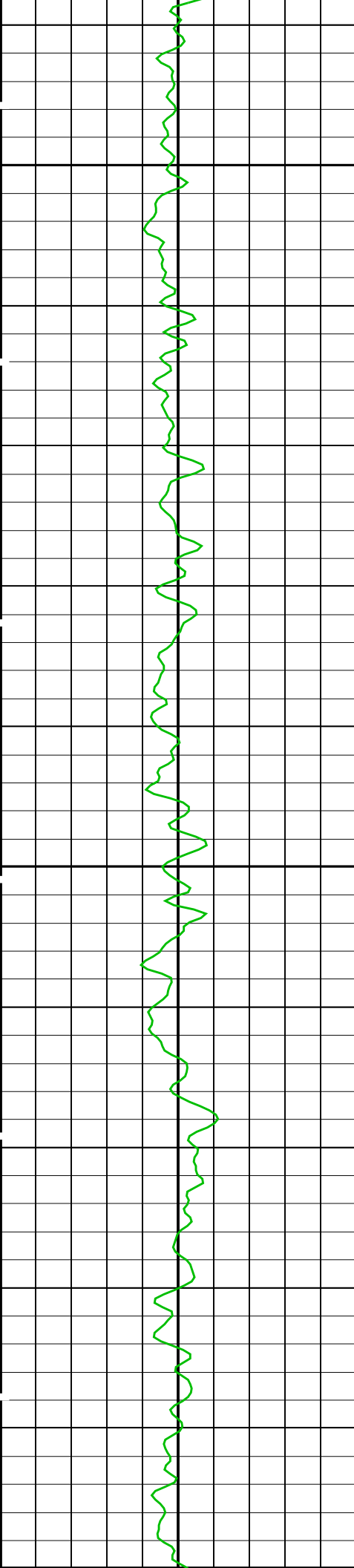


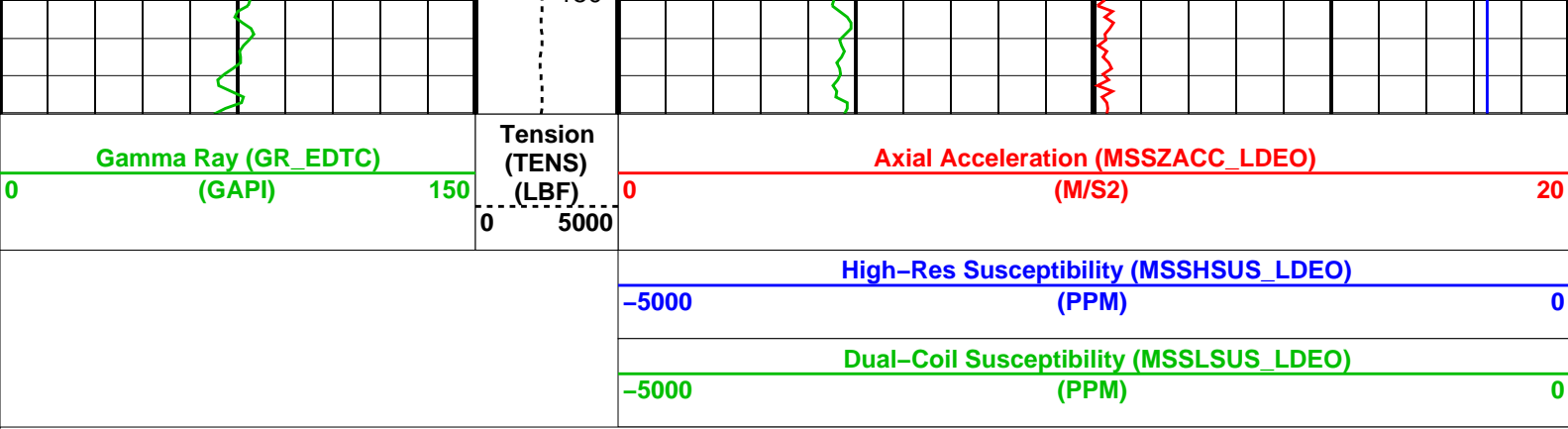


		High-Res Susceptibility (MSSHSUS_LDEO)		-5000 (PPM)		0
		Dual-Coil Susceptibility (MSSLSUS_LDEO)		-5000 (PPM)		0
PIP SUMMARY						
Time Mark Every 60 S						
Parameters						
DLIS Name		Description		Value		
System and Miscellaneous		Depth Offset for Playback		-594.0 M		
DO		Playback Processing		NORMAL		
PP						
Format: MSS_Logging		Vertical Scale: 1:200		Graphics File Created: 28-Sep-2012 20:08		
OP System Version: 19C0-187						
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187			
DSST-B	19C0-187	HNGC-B	19C0-187			
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB			
Input DLIS Files						
DEFAULT	MSS_LDEO_HRLA_DSI_007LUP	FN:6	PRODUCER	28-Sep-2012 00:21	788.7 M	579.3 M
Output DLIS Files						
DEFAULT	MSS_LDEO_HRLA_DSI_011PUP	FN:10	PRODUCER	28-Sep-2012 20:08		
CLIENT	MSS_LDEO_HRLA_DSI_011PUC	FN:11	CUSTOMER	28-Sep-2012 20:08		
<div><div>Schlumberger</div><div>Down Log</div></div>						
MAXIS Field Log						
Company: Lamont Doherty Earth Observatory				Well: Expedition 344S, U0060A (USC60)		
Input DLIS Files						
DEFAULT	Flip_MSS_LDEO_HRLA_020PUP	PRODUCER	28-Sep-2012 20:28	153.0 M	-10.1 M	
Output DLIS Files						
DEFAULT	MSS_LDEO_HRLA_DSI_021PUP	FN:26	PRODUCER	28-Sep-2012 20:29	153.0 M	-10.1 M
CLIENT	MSS_LDEO_HRLA_DSI_021PUC	FN:27	CUSTOMER	28-Sep-2012 20:29	153.0 M	-10.1 M
OP System Version: 19C0-187						
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187			
DSST-B	19C0-187	HNGC-B	19C0-187			
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB			
PIP SUMMARY						
Time Mark Every 60 S						
		Dual-Coil Susceptibility (MSSLSUS_LDEO)				









PIP SUMMARY
Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
DO	System and Miscellaneous	0.0 M
PP	Depth Offset for Playback Playback Processing	NORMAL

Format: MSS_Logging Vertical Scale: 1:200 Graphics File Created: 28-Sep-2012 20:29

OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

Input DLIS Files					
DEFAULT	Flip_MSS_LDEO_HRLA_020PUP	PRODUCER	28-Sep-2012 20:28	153.0 M	-10.1 M
Output DLIS Files					
DEFAULT	MSS_LDEO_HRLA_DSI_021PUP	FN:26	PRODUCER	28-Sep-2012 20:29	
CLIENT	MSS_LDEO_HRLA_DSI_021PUC	FN:27	CUSTOMER	28-Sep-2012 20:29	



Calibrations

MAXIS Field Log

Calibration and Check Summary							
Measurement	Nominal	Master	Before	After	Change	Limit	Units
High Resolution Laterolog Array – B Wellsite Calibration – HRLT M01							
Before: 20-Sep-2012 18:03 After: 20-Sep-2012 20:45							
HRLT M0-M1 Voltage Plus – 0	0	N/A	-320.1	-319.3	0.7999	9.681	UV
HRLT M0-M1 Voltage Plus – 1	0	N/A	-341.6	-338.6	2.980	9.681	UV
HRLT M0-M1 Voltage Plus – 2	0	N/A	-339.5	-337.3	2.248	9.681	UV
HRLT M0-M1 Voltage Plus – 3	0	N/A	-342.4	-340.5	1.922	9.681	UV
HRLT M0-M1 Voltage Plus – 4	0	N/A	-328.1	-327.0	1.090	9.681	UV
HRLT M0-M1 Voltage Plus – 5	0	N/A	-323.6	-322.7	0.8422	9.681	UV

HRLT M0-M1 Voltage Plus - 6	0	N/A	332.2	329.8	-2.436	9.681	UV
HRLT M0-M1 Voltage Plus - 7	0	N/A	-322.7	-322.7	0	9.681	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT M12

Before: 20-Sep-2012 18:03 After: 20-Sep-2012 20:45

HRLT M1-M2 Voltage Plus - 0	0	N/A	1758	1755	-2.932	53.42	UV
HRLT M1-M2 Voltage Plus - 1	0	N/A	1876	1860	-16.31	53.42	UV
HRLT M1-M2 Voltage Plus - 2	0	N/A	1860	1848	-11.92	53.42	UV
HRLT M1-M2 Voltage Plus - 3	0	N/A	1876	1866	-9.832	53.42	UV
HRLT M1-M2 Voltage Plus - 4	0	N/A	1799	1794	-5.057	53.42	UV
HRLT M1-M2 Voltage Plus - 5	0	N/A	1776	1772	-3.489	53.42	UV
HRLT M1-M2 Voltage Plus - 6	0	N/A	-1832	-1820	12.60	53.42	UV
HRLT M1-M2 Voltage Plus - 7	0	N/A	1781	1781	0	53.42	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT M23

Before: 20-Sep-2012 18:03 After: 20-Sep-2012 20:45

HRLT M2-M3 Voltage Plus - 0	0	N/A	1745	1741	-3.911	53.42	UV
HRLT M2-M3 Voltage Plus - 1	0	N/A	1875	1857	-17.45	53.42	UV
HRLT M2-M3 Voltage Plus - 2	0	N/A	1860	1847	-13.26	53.42	UV
HRLT M2-M3 Voltage Plus - 3	0	N/A	1879	1868	-10.97	53.42	UV
HRLT M2-M3 Voltage Plus - 4	0	N/A	1796	1789	-6.424	53.42	UV
HRLT M2-M3 Voltage Plus - 5	0	N/A	1773	1769	-4.405	53.42	UV
HRLT M2-M3 Voltage Plus - 6	0	N/A	-1819	-1805	13.85	53.42	UV
HRLT M2-M3 Voltage Plus - 7	0	N/A	1781	1781	0	53.42	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT V34

Before: 20-Sep-2012 18:03 After: 20-Sep-2012 20:45

HRLT A3-A4 Voltage Plus - 0	0	N/A	68580	68470	-107.9	2100	UV
HRLT A3-A4 Voltage Plus - 1	0	N/A	73460	72830	-631.8	2100	UV
HRLT A3-A4 Voltage Plus - 2	0	N/A	73170	72710	-458.4	2100	UV
HRLT A3-A4 Voltage Plus - 3	0	N/A	74220	73830	-386.3	2100	UV
HRLT A3-A4 Voltage Plus - 4	0	N/A	70890	70690	-197.9	2100	UV
HRLT A3-A4 Voltage Plus - 5	0	N/A	70020	69890	-123.6	2100	UV
HRLT A3-A4 Voltage Plus - 6	0	N/A	-70280	-69810	468.9	2100	UV
HRLT A3-A4 Voltage Plus - 7	0	N/A	70000	70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT V45

Before: 20-Sep-2012 18:03 After: 20-Sep-2012 20:45

HRLT A4-A5 Voltage Plus - 0	0	N/A	68870	68760	-110.4	2100	UV
HRLT A4-A5 Voltage Plus - 1	0	N/A	73860	73240	-616.3	2100	UV
HRLT A4-A5 Voltage Plus - 2	0	N/A	73540	73080	-459.3	2100	UV
HRLT A4-A5 Voltage Plus - 3	0	N/A	74570	74180	-394.7	2100	UV
HRLT A4-A5 Voltage Plus - 4	0	N/A	71190	70990	-199.9	2100	UV
HRLT A4-A5 Voltage Plus - 5	0	N/A	70310	70180	-130.1	2100	UV
HRLT A4-A5 Voltage Plus - 6	0	N/A	-70670	-70200	471.5	2100	UV
HRLT A4-A5 Voltage Plus - 7	0	N/A	70000	70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT V56

Before: 20-Sep-2012 18:03 After: 20-Sep-2012 20:45

HRLT A5-A6 Voltage Plus - 0	0	N/A	68760	68650	-113.5	2100	UV
HRLT A5-A6 Voltage Plus - 1	0	N/A	73580	72960	-610.8	2100	UV
HRLT A5-A6 Voltage Plus - 2	0	N/A	73290	72840	-458.4	2100	UV
HRLT A5-A6 Voltage Plus - 3	0	N/A	74370	74000	-375.0	2100	UV
HRLT A5-A6 Voltage Plus - 4	0	N/A	71050	70850	-198.5	2100	UV
HRLT A5-A6 Voltage Plus - 5	0	N/A	70190	70050	-145.6	2100	UV
HRLT A5-A6 Voltage Plus - 6	0	N/A	-70390	-69900	494.1	2100	UV
HRLT A5-A6 Voltage Plus - 7	0	N/A	70000	70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT VTP

Before: 20-Sep-2012 18:03 After: 20-Sep-2012 20:45

HRLT Torpedo-M0 Voltage - 0	0	N/A	-68440	-68340	106.0	2100	UV
HRLT Torpedo-M0 Voltage - 1	0	N/A	-73930	-73290	640.7	2100	UV
HRLT Torpedo-M0 Voltage - 2	0	N/A	-73610	-73150	462.2	2100	UV
HRLT Torpedo-M0 Voltage - 3	0	N/A	-74670	-74280	396.4	2100	UV
HRLT Torpedo-M0 Voltage - 4	0	N/A	-71250	-71050	203.0	2100	UV
HRLT Torpedo-M0 Voltage - 5	0	N/A	-70360	-70210	147.7	2100	UV
HRLT Torpedo-M0 Voltage - 6	0	N/A	70680	70180	-490.6	2100	UV
HRLT Torpedo-M0 Voltage - 7	0	N/A	-70000	-70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT VBD

Before: 20-Sep-2012 18:03 After: 20-Sep-2012 20:45

HRLT Bridle#9-M0 Voltage - 0	0	N/A	-68430	-68320	110.2	2100	UV
HRLT Bridle#9-M0 Voltage - 1	0	N/A	-73910	-73280	637.2	2100	UV
HRLT Bridle#9-M0 Voltage - 2	0	N/A	-73590	-73130	456.7	2100	UV
HRLT Bridle#9-M0 Voltage - 3	0	N/A	-74650	-74260	384.8	2100	UV
HRLT Bridle#9-M0 Voltage - 4	0	N/A	-71250	-71040	204.3	2100	UV
HRLT Bridle#9-M0 Voltage - 5	0	N/A	-70340	-70210	134.8	2100	UV
HRLT Bridle#9-M0 Voltage - 6	0	N/A	70650	70160	-490.6	2100	UV
HRLT Bridle#9-M0 Voltage - 7	0	N/A	-70000	-70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT ISO

Before: 20-Sep-2012 18:03 After: 20-Sep-2012 20:45

Before: 20-Sep-2012 18:03 After: 20-Sep-2012 20:45								
HRLT Source Current Plus - 0	0	N/A	285.3	284.9	-0.3990	8.520	UA	
HRLT Source Current Plus - 1	0	N/A	281.1	281.1	0	8.520	UA	
HRLT Source Current Plus - 2	0	N/A	281.1	281.1	0	8.520	UA	
HRLT Source Current Plus - 3	0	N/A	281.1	281.1	0	8.520	UA	
HRLT Source Current Plus - 4	0	N/A	281.1	281.1	0	8.520	UA	
HRLT Source Current Plus - 5	0	N/A	281.1	281.1	0	8.520	UA	
HRLT Source Current Plus - 6	0	N/A	281.1	281.1	0	8.520	UA	
HRLT Source Current Plus - 7	0	N/A	281.1	281.1	0	8.520	UA	
High Resolution Laterolog Array - B Wellsite Calibration - HRLT MV								
Before: 20-Sep-2012 18:03 After: 20-Sep-2012 20:45								
HRLT Vertical Voltage PI - 0	0	N/A	-322.3	-321.4	0.8523	9.681	UV	
HRLT Vertical Voltage PI - 1	0	N/A	-335.6	-332.5	3.175	9.681	UV	
HRLT Vertical Voltage PI - 2	0	N/A	-332.8	-330.4	2.353	9.681	UV	
HRLT Vertical Voltage PI - 3	0	N/A	-333.9	-331.9	2.034	9.681	UV	
HRLT Vertical Voltage PI - 4	0	N/A	-317.3	-316.2	1.169	9.681	UV	
HRLT Vertical Voltage PI - 5	0	N/A	-328.1	-327.2	0.9027	9.681	UV	
HRLT Vertical Voltage PI - 6	0	N/A	339.4	336.7	-2.633	9.681	UV	
HRLT Vertical Voltage PI - 7	0	N/A	-322.7	-322.7	0	9.681	UV	
Hostile Natural Gamma Ray Sonde Wellsite Calibration - Detector 1 Check								
Master: 15-Jul-2012 1:37 Before: 21-Sep-2012 1:23 After: 21-Sep-2012 1:28								
Na 511 Peak Loc	40.00	39.55	39.64	39.63	-0.01205	1.000		
Na 511 Peak Res	15.50	15.74	14.62	14.61	-0.01343	2.000	%	
High Voltage	1150	1192	1133	1131	-1.140	N/A	V	
Na 1785 Peak Loc	142.6	141.9	143.3	142.5	-0.8368	7.000		
Na 1785 Peak Res	8.500	8.399	8.136	7.484	-0.6517	2.000	%	
Temperature	15.50	30.02	5.829	5.848	0.01951	N/A	DEGC	
Na Count Rate	45.00	18.00	15.48	15.98	0.5035	8.000	CPS	
Hostile Natural Gamma Ray Sonde Wellsite Calibration - Detector 2 Check								
Master: 15-Jul-2012 1:37 Before: 21-Sep-2012 1:23 After: 21-Sep-2012 1:28								
Na 511 Peak Loc	40.00	39.55	39.64	39.78	0.1437	1.000		
Na 511 Peak Res	15.50	16.74	16.05	14.99	-1.060	2.000	%	
High Voltage	1150	1112	1067	1067	0.09460	N/A	V	
Na 1785 Peak Loc	142.6	142.2	141.8	141.9	0.09863	7.000		
Na 1785 Peak Res	8.500	9.140	8.464	9.198	0.7344	2.000	%	
Temperature	15.50	30.92	6.453	6.596	0.1431	N/A	DEGC	
Na Count Rate	45.00	18.43	15.49	16.22	0.7288	8.000	CPS	
Hostile Natural Gamma Ray Sonde Wellsite Calibration - Ratio Of Detector 1 To Detector 2								
Master: 15-Jul-2012 1:37 Before: 21-Sep-2012 1:23 After: 21-Sep-2012 1:28								
Coincidence Count Rate Ratio	1.000	0.9742	0.9968	0.9870	-0.009778	0.05000		
Enhanced DTS Cartridge Wellsite Calibration - EDTC Accelerometer Calibration								
Before: 20-Sep-2012 18:08								
EDTC Z-Axis Acceleration	9.810	N/A	9.852	N/A	N/A	N/A	M/S2	
Enhanced DTS Cartridge Wellsite Calibration - Detector Calibration								
Before: 20-Sep-2012 18:08 After: 20-Sep-2012 21:12								
Gamma Ray (Jig - Bkg)	159.7	N/A	159.7	162.2	2.544	14.52	GAPI	
Gamma Ray (Calibrated)	165.0	N/A	165.0	167.6	2.629	15.00	GAPI	





High Resolution Laterolog Array - B / Equipment Identification

Primary Equipment:

HRLT Sonde HRLS - B 768

Auxiliary Equipment:

HRLT lower Housing HRLH - B 968
HRLT Lower Cartridge HRLC - B 974
HRLT upper Housing HRUH - B 978
HRLT Upper Cartridge HRUC - B 764

High Resolution Laterolog Array - B Wellsite Calibration							
HRLT M01							
Idx	Phase	HRLT M0-M1 Voltage Plus UV	Value	Nominal	Maximum	Minimum	
0	Before		-320.1	-322.7	-280.7	-379.7	
	After		-319.3				
1	Before		-341.6	-322.7	-280.7	-379.7	
	After		-338.6				

Before: 20-Sep-2012 18:03
After: 20-Sep-2012 20:45









Before: 20-Sep-2012 18:03
After: 20-Sep-2012 20:45

















	Alter	











Before			1879	1781	2095	1549
3	After		1868			
Before			1796	1781	2095	1549
4	After		1789			
Before			1773	1781	2095	1549
5	After		1769			
Before			-1819	-1781	-1549	-2095
6	After		-1805			
Before			1781	1781	2095	1549
7	After		1781			
(Minimum) (Nominal) (Maximum)						
Before: 20-Sep-2012 18:03						
After: 20-Sep-2012 20:45						







High Resolution Laterolog Array – B Wellsite Calibration						
HRLT V34						
Idx	Phase	HRLT A3–A4 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		68580	70000	82360	60900
	After		68470			
1	Before		73460	70000	82360	60900
	After		72830			
2	Before		73170	70000	82360	60900
	After		72710			
3	Before		74220	70000	82360	60900
	After		73830			
4	Before		70890	70000	82360	60900
	After		70690			
5	Before		70020	70000	82360	60900
	After		69890			
6	Before		-70280	-70000	-60900	-82360
	After		-69810			
7	Before		70000	70000	82360	60900
	After		70000			
(Minimum) (Nominal) (Maximum)						
Before: 20-Sep-2012 18:03						
After: 20-Sep-2012 20:45						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT V45						
Idx	Phase	HRLT A4–A5 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		68870	70000	82360	60900
	After		68760			
1	Before		73860	70000	82360	60900
	After		73240			
2	Before		73540	70000	82360	60900
	After		73080			
3	Before		74570	70000	82360	60900
	After		74180			

















4	Before		71190	70000	82360	60900
	After		70990			
5	Before		70310	70000	82360	60900
	After		70180			
6	Before		-70670	-70000	-60900	-82360
	After		-70200			
7	Before		70000	70000	82360	60900
	After		70000			
(Minimum) (Nominal) (Maximum)						
Before: 20-Sep-2012 18:03						
After: 20-Sep-2012 20:45						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT V56						
Idx	Phase	HRLT A5–A6 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		68760	70000	82360	60900
	After		68650			
1	Before		73580	70000	82360	60900
	After		72960			
2	Before		73290	70000	82360	60900
	After		72840			
3	Before		74370	70000	82360	60900
	After		74000			
4	Before		71050	70000	82360	60900
	After		70850			
5	Before		70190	70000	82360	60900
	After		70050			
6	Before		-70390	-70000	-60900	-82360
	After		-69900			
7	Before		70000	70000	82360	60900
	After		70000			
(Minimum) (Nominal) (Maximum)						
Before: 20-Sep-2012 18:03						
After: 20-Sep-2012 20:45						













High Resolution Laterolog Array – B Wellsite Calibration						
HRLT VTP						
Idx	Phase	HRLT Torpedo–M0 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-68440	-70000	-60900	-82360
	After		-68340			
1	Before		-73930	-70000	-60900	-82360
	After		-73290			
2	Before		-73610	-70000	-60900	-82360
	After		-73150			
3	Before		-74670	-70000	-60900	-82360
	After		-74280			
4	Before		-71250	-70000	-60900	-82360
	After		-71050			
(Minimum) (Nominal) (Maximum)						





5	Before		-70360	-70000	-60900	-82360
	After		-70210			
6	Before		70680	70000	82360	60900
	After		70180			
7	Before		-70000	-70000	-60900	-82360
	After		-70000			
(Minimum) (Nominal) (Maximum)						

















Before: 20-Sep-2012 18:03
After: 20-Sep-2012 20:45

High Resolution Laterolog Array – B Wellsite Calibration							
HRLT VBD							
Idx	Phase	HRLT Bridle#9–M0 Voltage Plus UV	Value	Nominal	Maximum	Minimum	
0	Before		-68430	-70000	-60900	-82360	
	After		-68320				
1	Before		-73910	-70000	-60900	-82360	
	After		-73280				
2	Before		-73590	-70000	-60900	-82360	
	After		-73130				
3	Before		-74650	-70000	-60900	-82360	
	After		-74260				
4	Before		-71250	-70000	-60900	-82360	
	After		-71040				
5	Before		-70340	-70000	-60900	-82360	
	After		-70210				
6	Before		70650	70000	82360	60900	
	After		70160				
7	Before		-70000	-70000	-60900	-82360	
	After		-70000				
(Minimum) (Nominal) (Maximum)							

Before: 20-Sep-2012 18:03
After: 20-Sep-2012 20:45

High Resolution Laterolog Array – B Wellsite Calibration							
HRLT ISO							
Idx	Phase	HRLT Source Current Plus UA	Value	Nominal	Maximum	Minimum	
0	Before		285.3	284.0	334.1	247.0	
	After		284.9				
1	Before		281.1	281.1	330.7	244.4	
	After		281.1				
2	Before		281.1	281.1	330.7	244.4	
	After		281.1				
3	Before		281.1	281.1	330.7	244.4	
	After		281.1				
4	Before		281.1	281.1	330.7	244.4	
	After		281.1				
5	Before		281.1	281.1	330.7	244.4	
	After		281.1				

6	Before		281.1	281.1	330.7	244.4
	After		281.1			
7	Before		281.1	281.1	330.7	244.4
	After		281.1			
(Minimum) (Nominal) (Maximum)						
Before: 20-Sep-2012 18:03						
After: 20-Sep-2012 20:45						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT MV						
Idx	Phase	HRLT Vertical Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-322.3	-322.7	-280.7	-379.7
	After		-321.4			
1	Before		-335.6	-322.7	-280.7	-379.7
	After		-332.5			
2	Before		-332.8	-322.7	-280.7	-379.7
	After		-330.4			
3	Before		-333.9	-322.7	-280.7	-379.7
	After		-331.9			
4	Before		-317.3	-322.7	-280.7	-379.7
	After		-316.2			
5	Before		-328.1	-322.7	-280.7	-379.7
	After		-327.2			
6	Before		339.4	322.7	379.7	280.7
	After		336.7			
7	Before		-322.7	-322.7	-280.7	-379.7
	After		-322.7			
(Minimum) (Nominal) (Maximum)						
Before: 20-Sep-2012 18:03						
After: 20-Sep-2012 20:45						

Hostile Natural Gamma Ray Cartridge – B / Equipment Identification

Primary Equipment:

HNGC Cartridge

HNGC – B

300

Auxiliary Equipment:

HNGC Housing

HNGH – A

115

Hostile Natural Gamma Ray Sonde / Equipment Identification

Primary Equipment:

HNGS Sonde

HNGS – BA

194

Auxiliary Equipment:

HNGS Sonde Housing

Gamma Source Radioactive

HNSH – BA







GSR – U

205

616008

Hostile Natural Gamma Ray Sonde Wellsite Calibration

Detector 1 Check

Phase	Na 511 Peak Loc	Value	Phase	Na 511 Peak Res %	Value	Phase	High Voltage V	Value
Master		39.55	Master		15.74	Master		1192
Before		39.64	Before		14.62	Before		1133

After		39.63	After		14.61	After		1131
37.50 (Minimum)	40.00 (Nominal)	43.50 (Maximum)	12.00 (Minimum)	15.50 (Nominal)	19.00 (Maximum)	900.0 (Minimum)	1150 (Nominal)	1600 (Maximum)
Phase	Na 1785 Peak Loc	Value	Phase	Na 1785 Peak Res %	Value	Phase	Temperature DEGC	Value
Master		141.9	Master		8.399	Master		30.02
Before		143.3	Before		8.136	Before		5.829
After		142.5	After		7.484	After		5.848
135.0 (Minimum)	142.6 (Nominal)	150.3 (Maximum)	7.000 (Minimum)	8.500 (Nominal)	11.00 (Maximum)	-28.89 (Minimum)	15.50 (Nominal)	60.00 (Maximum)
Phase	Na Count Rate CPS	Value						
Master		18.00						
Before		15.48						
After		15.98						
10.00 (Minimum)	45.00 (Nominal)	100.0 (Maximum)						
Master: 15-Jul-2012 1:37			Before: 21-Sep-2012 1:23			After: 21-Sep-2012 1:28		

Hostile Natural Gamma Ray Sonde Wellsite Calibration								
Detector 2 Check								
Phase	Na 511 Peak Loc	Value	Phase	Na 511 Peak Res %	Value	Phase	High Voltage V	Value
Master		39.55	Master		16.74	Master		1112
Before		39.64	Before		16.05	Before		1067
After		39.78	After		14.99	After		1067
37.50 (Minimum)	40.00 (Nominal)	43.50 (Maximum)	12.00 (Minimum)	15.50 (Nominal)	19.00 (Maximum)	900.0 (Minimum)	1150 (Nominal)	1600 (Maximum)
Phase	Na 1785 Peak Loc	Value	Phase	Na 1785 Peak Res %	Value	Phase	Temperature DEGC	Value
Master		142.2	Master		9.140	Master		30.92
Before		141.8	Before		8.464	Before		6.453
After		141.9	After		9.198	After		6.596
135.0 (Minimum)	142.6 (Nominal)	150.3 (Maximum)	7.000 (Minimum)	8.500 (Nominal)	11.00 (Maximum)	-28.89 (Minimum)	15.50 (Nominal)	60.00 (Maximum)
Phase	Na Count Rate CPS	Value						
Master		18.43						
Before		15.49						
After		16.22						
10.00 (Minimum)	45.00 (Nominal)	100.0 (Maximum)						
Master: 15-Jul-2012 1:37			Before: 21-Sep-2012 1:23			After: 21-Sep-2012 1:28		

Hostile Natural Gamma Ray Sonde Wellsite Calibration		
Ratio Of Detector 1 To Detector 2		
Phase	Coincidence Count Rate Ratio	Value
Master		0.9742
Before		0.9968
After		0.9870
0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)
Master: 15-Jul-2012 1:37		
Before: 21-Sep-2012 1:23		
After: 21-Sep-2012 1:28		

Enhanced DTS Cartridge / Equipment Identification

Primary Equipment:

EDTC Gamma Ray Detector
Enhanced DTS Cartridge

EDTG - A/B
EDTC - B


77693
8529







Auxiliary Equipment:

EDTC Housing

EDTH - B

8528

Enhanced DTS Cartridge Wellsite Calibration		
EDTC Accelerometer Calibration		
Phase	EDTC Z-Axis Acceleration M/S2	Value
Before		9.852
	<div>9.610 (Minimum)</div> <div>9.810 (Nominal)</div> <div>10.01 (Maximum)</div>	
Before: 20-Sep-2012 18:08		

Enhanced DTS Cartridge Wellsite Calibration																										
Detector Calibration																										
Phase	Gamma Ray Background		GAPI	Value	Phase	Gamma Ray (Jig – Bkg)		GAPI	Value	Phase	Gamma Ray (Calibrated)		GAPI	Value												
Before				4.007	Before				159.7	Before				165.0												
After				4.426	After				162.2	After				167.6												
0 (Minimum)				30.00 (Nominal)	120.0 (Maximum)				145.2 (Minimum)				159.7 (Nominal)	174.2 (Maximum)				150.0 (Minimum)				165.0 (Nominal)	180.0 (Maximum)			
Before: 20-Sep-2012 18:08					After: 20-Sep-2012 21:12																					

Company: **Lamont Doherty Earth Observatory**
Shell
Well: **Expedition 344S, U0060A (USC60)**
Field: **Baffin Bay**
Rig: **JOIDES Resolution**
Country: **USA**

Schlumberger

MSS Magnetic Susceptibility