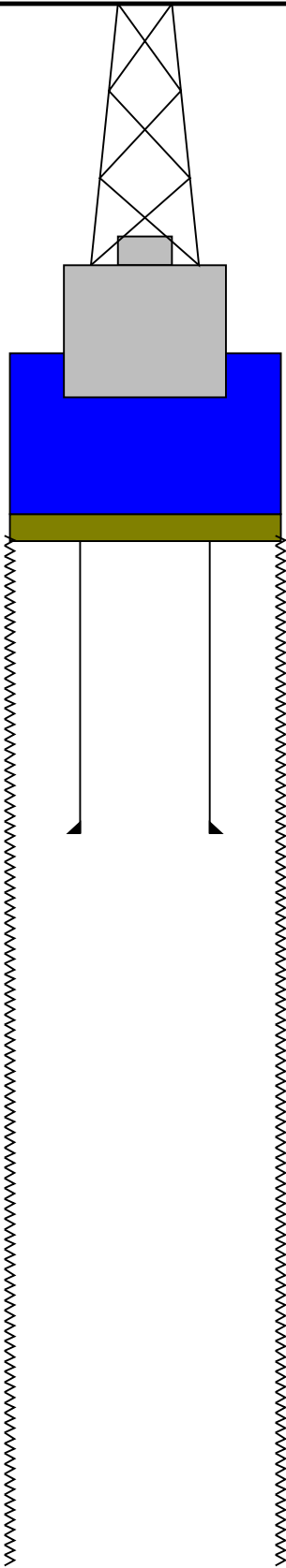


Kelly Bushing Elevation
Derrick Floor Elevation

Mean Sea Level

0.0
0.0

11.0



1082.9 11.438 4.000

1162.4 5.500 4.000

1357.9 11.438

Sea Bed

Bit

TD - Driller



Downlog 1:200 Scale

MAXIS Field Log

Company: Lamont Doherty Earth Observatory

Well: Expedition 346, Site U1430B

Input DLIS Files

DEFAULT	Flip_MSS_LDEO_LDL_027LUP	PRODUCER	21-Sep-2013 10:04	1337.1 M	1042.4 M
---------	--------------------------	----------	-------------------	----------	----------

Output DLIS Files

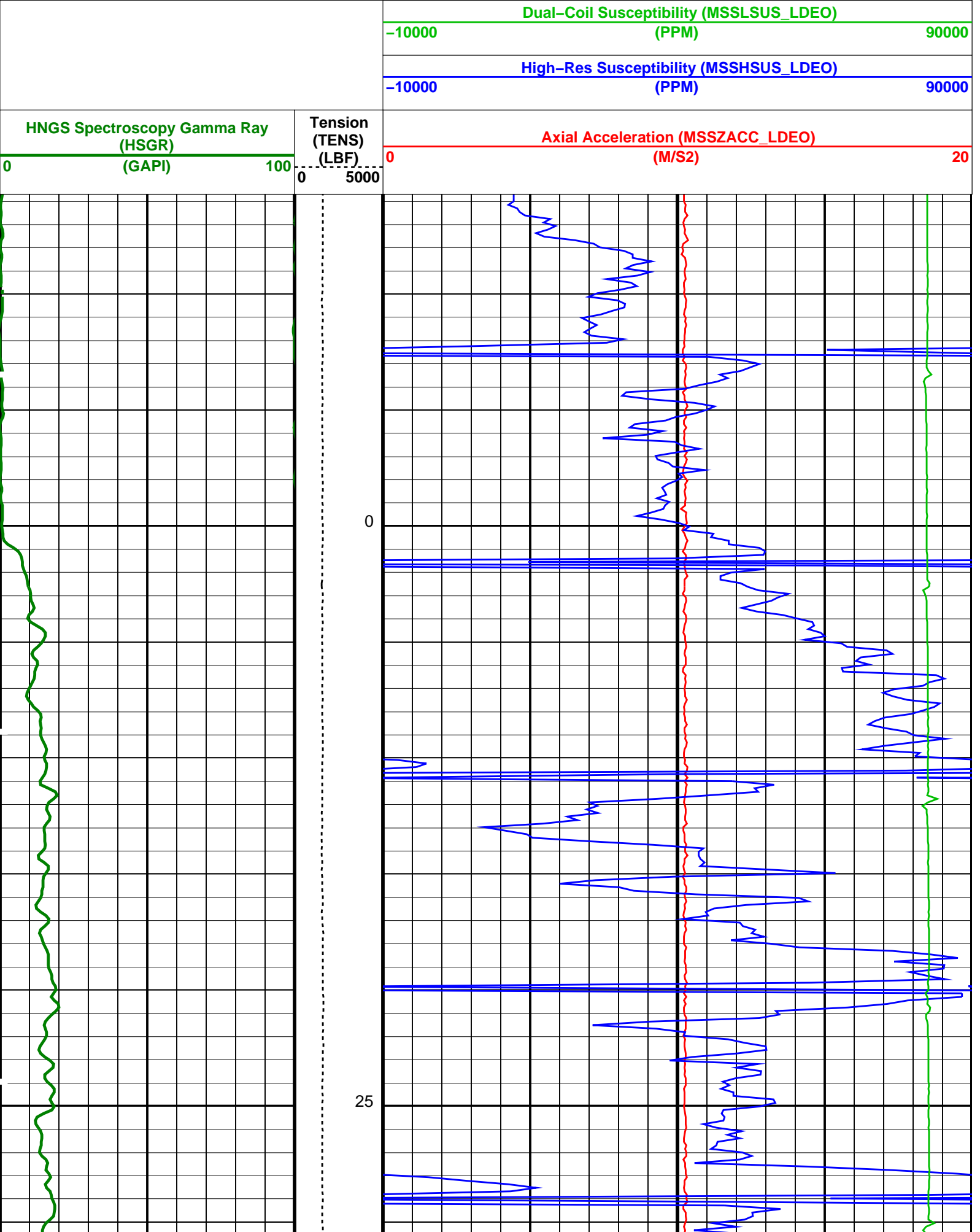
DEFAULT	MSS_LDEO_LDL_NGS_030PUP	FN:32	PRODUCER	21-Sep-2013 10:08	254.5 M	-14.3 M
CLIENT	MSS_LDEO_LDL_NGS_030PUC	FN:33	CUSTOMER	21-Sep-2013 10:08	254.5 M	-14.3 M

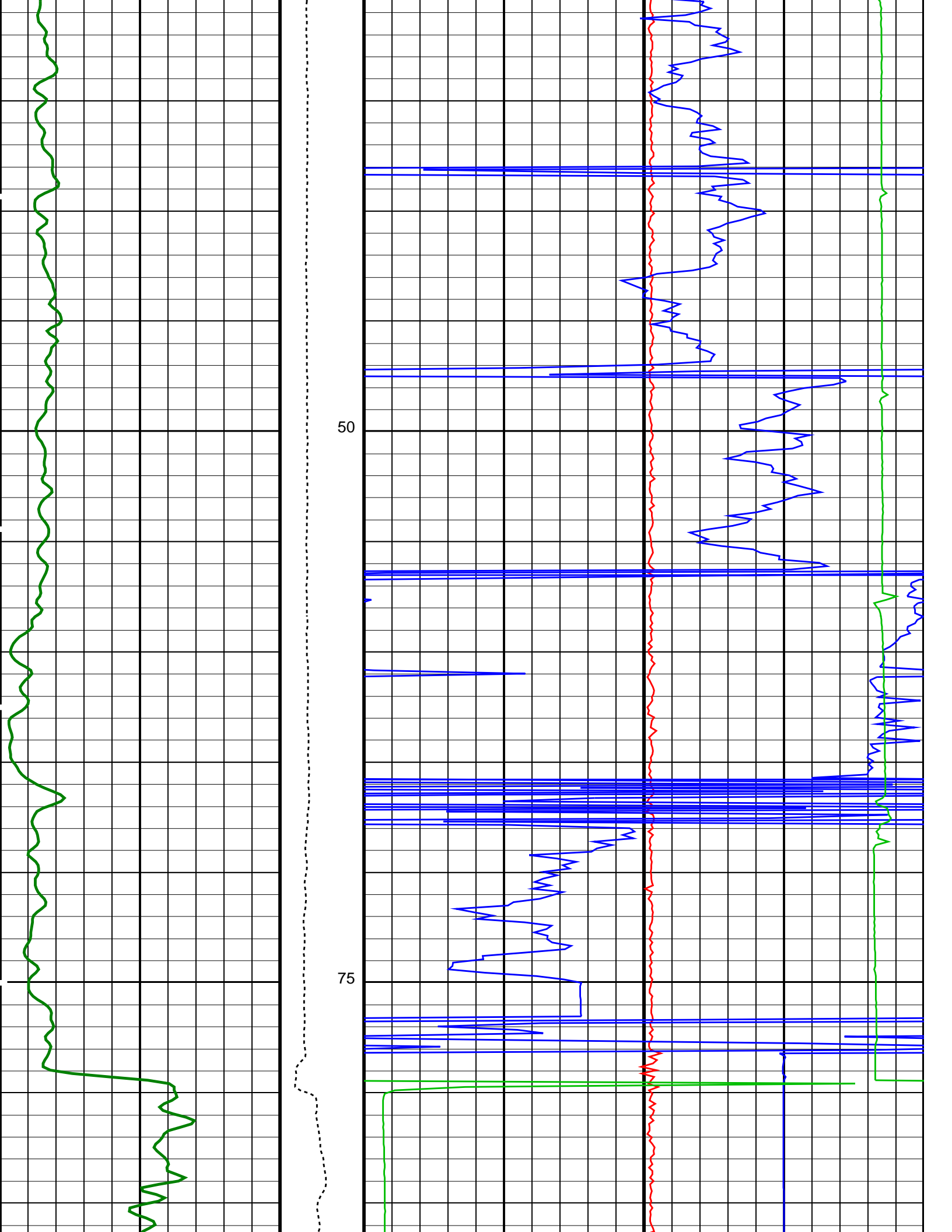
OP System Version: 19C0-187

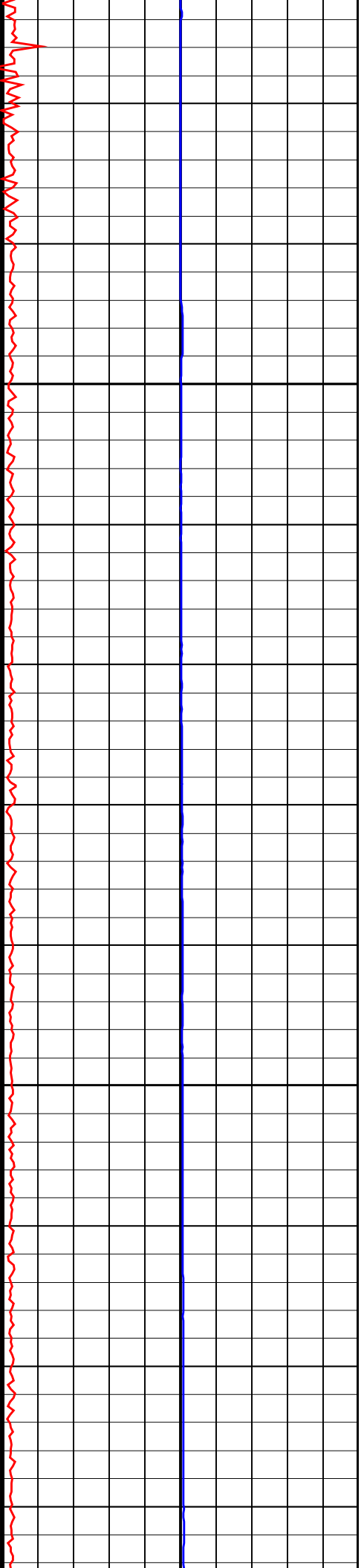
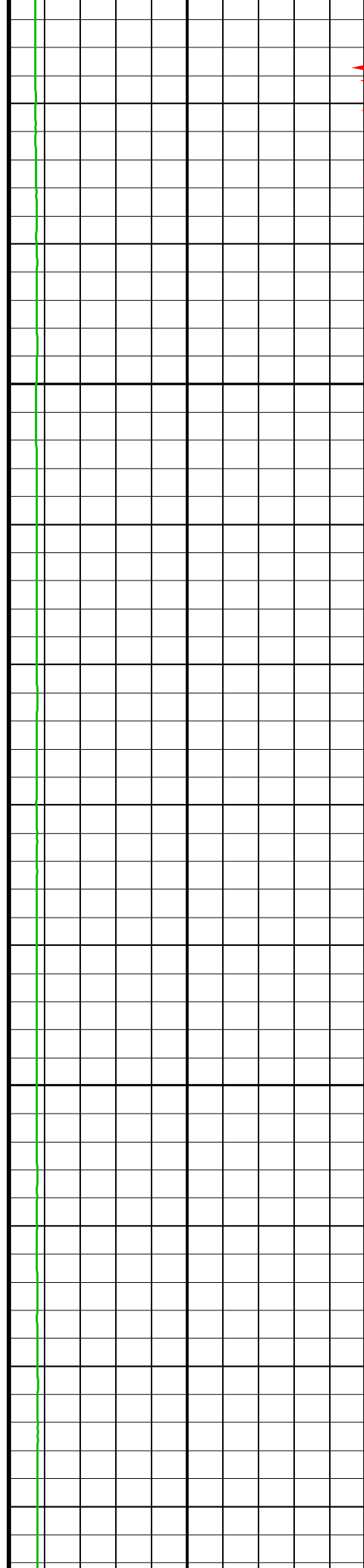
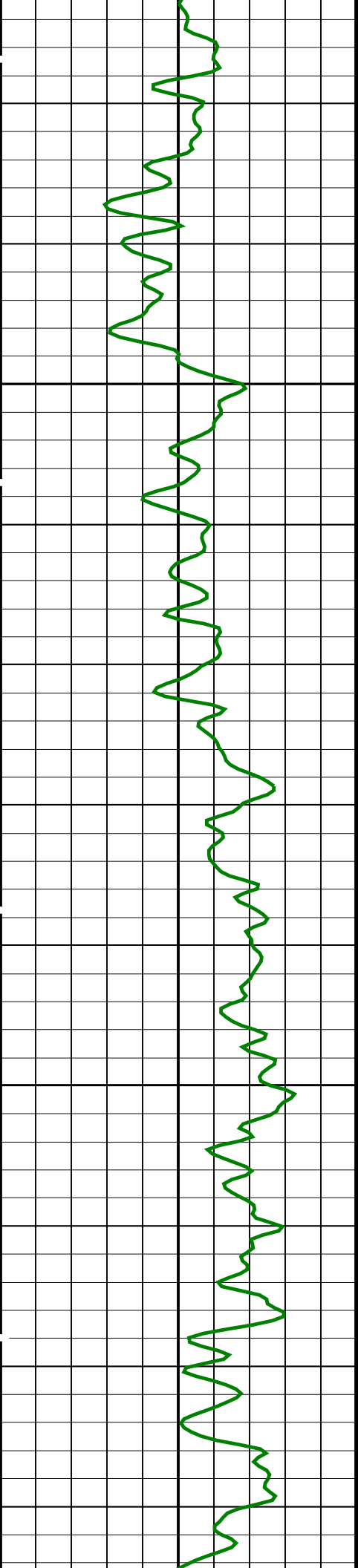
MSS_LDEO-A	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

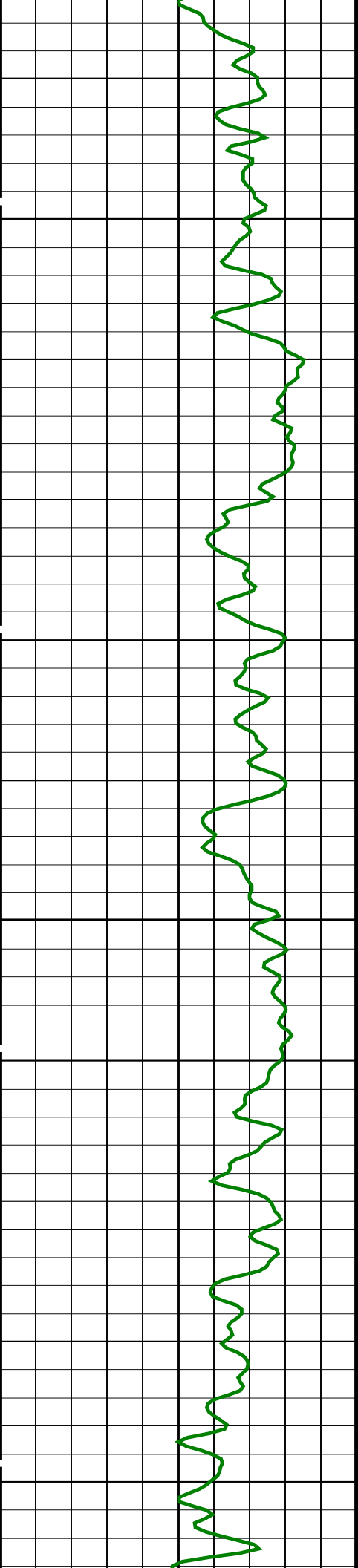
PIP SUMMARY

Time Mark Every 60 S



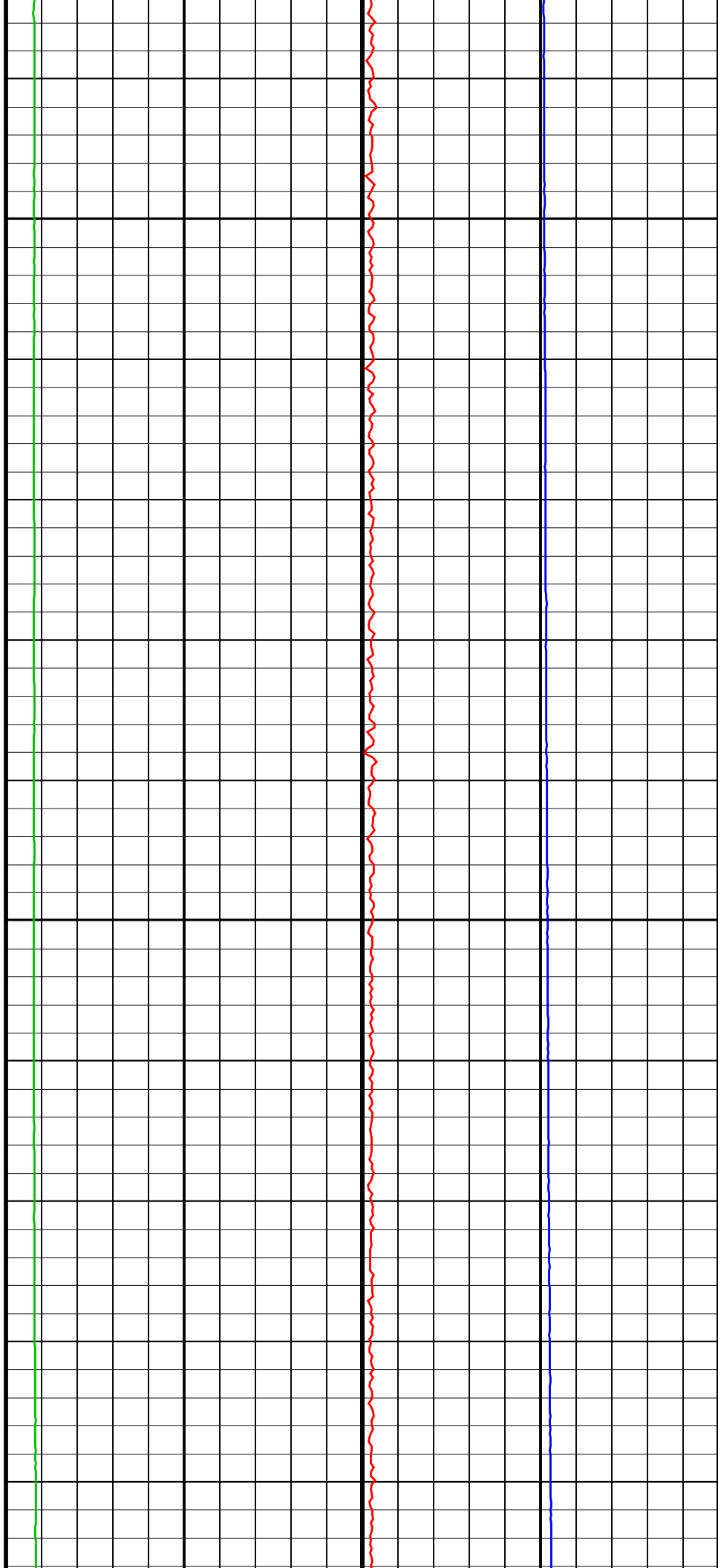


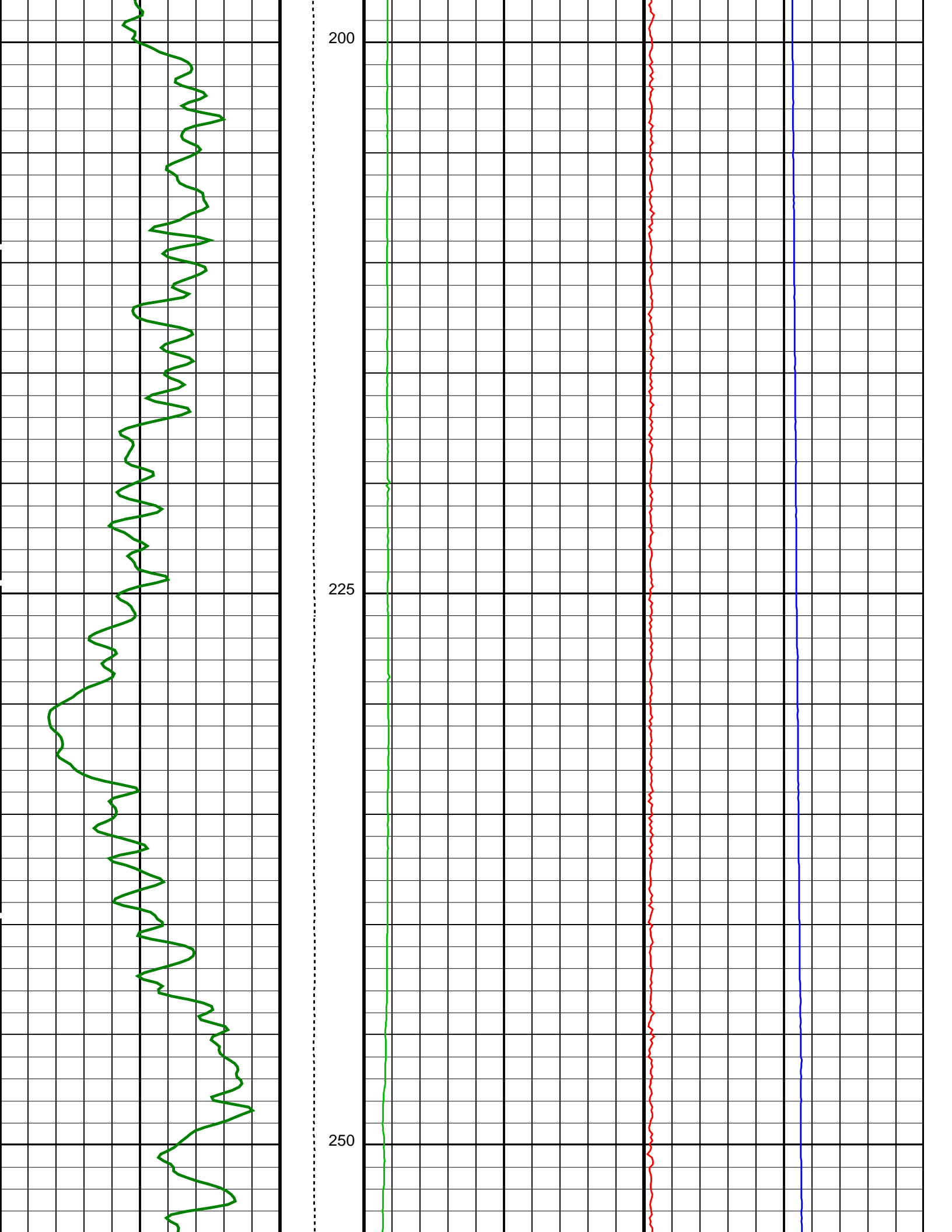




150

175





HNGS Spectroscopy Gamma Ray (HSGR)		Tension (TENS)	Axial Acceleration (MSSZACC_LDEO)	
(GAPI)		(LBF)	(M/S2)	
0	100	0	5000	20
		High-Res Susceptibility (MSSHSUS_LDEO)		
		-10000	(PPM)	90000
		Dual-Coil Susceptibility (MSSLSUS_LDEO)		
		-10000	(PPM)	90000

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
HNGS-BA: Hostile Natural Gamma Ray Sonde		
BAR1	HNGS Detector 1 Barite Constant	1
BAR2	HNGS Detector 2 Barite Constant	1
BHK	HNGS Borehole Potassium Correction Concentration	0
BHS	Borehole Status	OPEN
CSD1	Inner Casing Outer Diameter	0 IN
CSD2	Outer Casing Outer Diameter	0 IN
CSW1	Inner Casing Weight	0 LB/F
CSW2	Outer Casing Weight	0 LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE
GCSE	Generalized Caliper Selection	BS
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW
HABK	HNGS Borehole Potassium Running Average	-0.00965114
HALF	HNGS Alpha Filter Length	60 IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE
HMWM	Mud Weighting Material	BARI
HNPE	HNGS Processing Enable	YES
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3 CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3 CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES
TPOS	Tool Position	ECCE
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.949952
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.95852
EDTC-B: Enhanced DTS Cartridge		
BHS	Borehole Status	OPEN
GCSE	Generalized Caliper Selection	BS
System and Miscellaneous		
BS	Bit Size	11.438 IN
DFD	Drilling Fluid Density	1.26 G/C3
DO	Depth Offset for Playback	-1082.5 M
PP	Playback Processing	NORMAL

Format: MSS_Logging Vertical Scale: 1:200 Graphics File Created: 21-Sep-2013 10:08

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

Input DLIS Files

DEFAULT	Flip_MSS_LDEO_LDL_027LUP	PRODUCER	21-Sep-2013 10:04	1337.1 M	1042.4 M
---------	--------------------------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	MSS_LDEO_LDL_NGS_030PUP	FN:32	PRODUCER	21-Sep-2013 10:08
CLIENT	MSS_LDEO_LDL_NGS_030PUC	FN:33	CUSTOMER	21-Sep-2013 10:08

Company: Lamont Doherty Earth Observatory

Well: Expedition 346, Site U1430B

Input DLIS Files

DEFAULT	MSS_LDEO_LDL_NGS_006LUP	FN:5	PRODUCER	19-Sep-2013 20:18	1353.3 M	1274.5 M
---------	-------------------------	------	----------	-------------------	----------	----------

Output DLIS Files

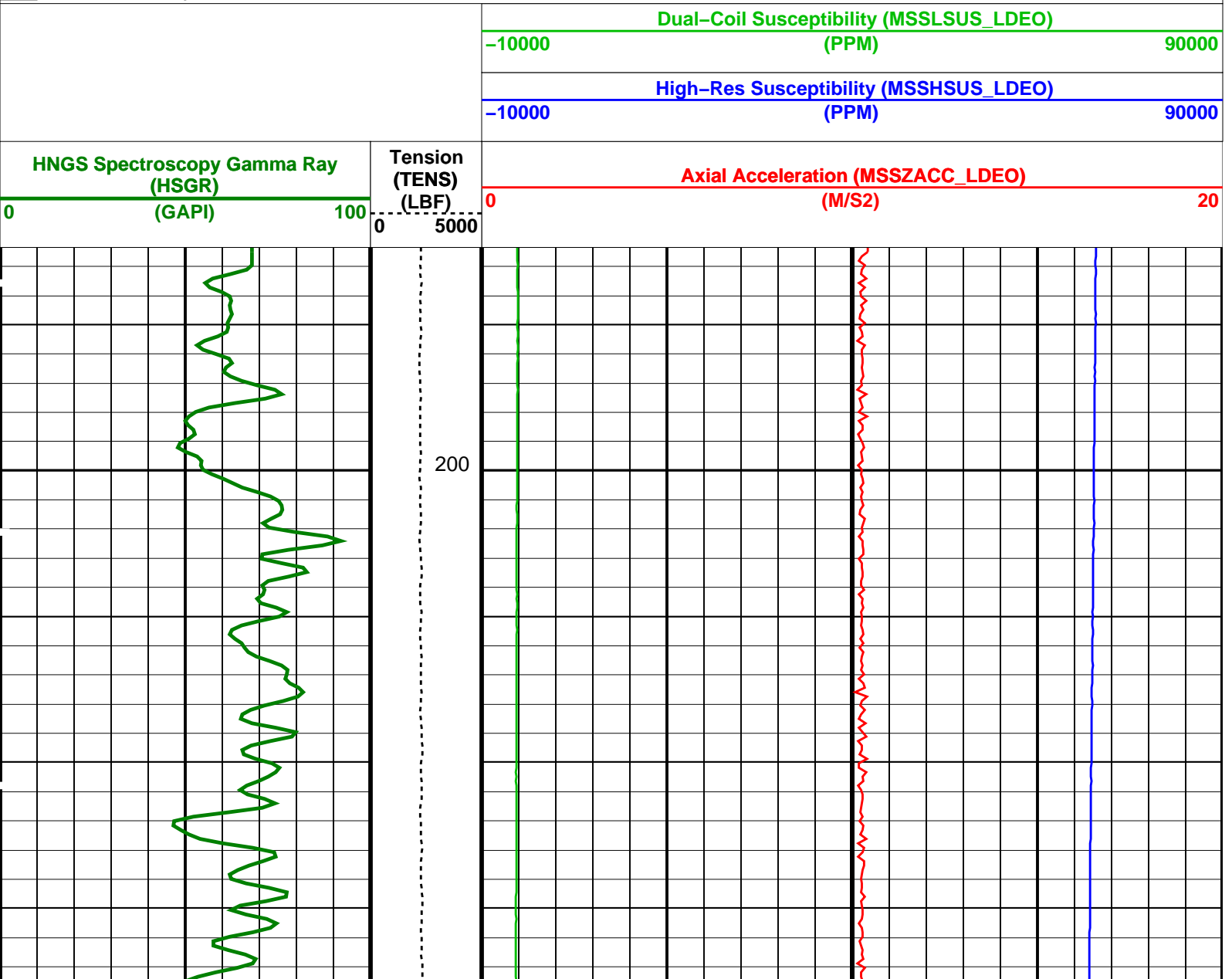
DEFAULT	MSS_LDEO_LDL_NGS_026PUP	FN:26	PRODUCER	21-Sep-2013 10:02	271.3 M	192.3 M
CLIENT	MSS_LDEO_LDL_NGS_026PUC	FN:27	CUSTOMER	21-Sep-2013 10:02	271.3 M	192.3 M

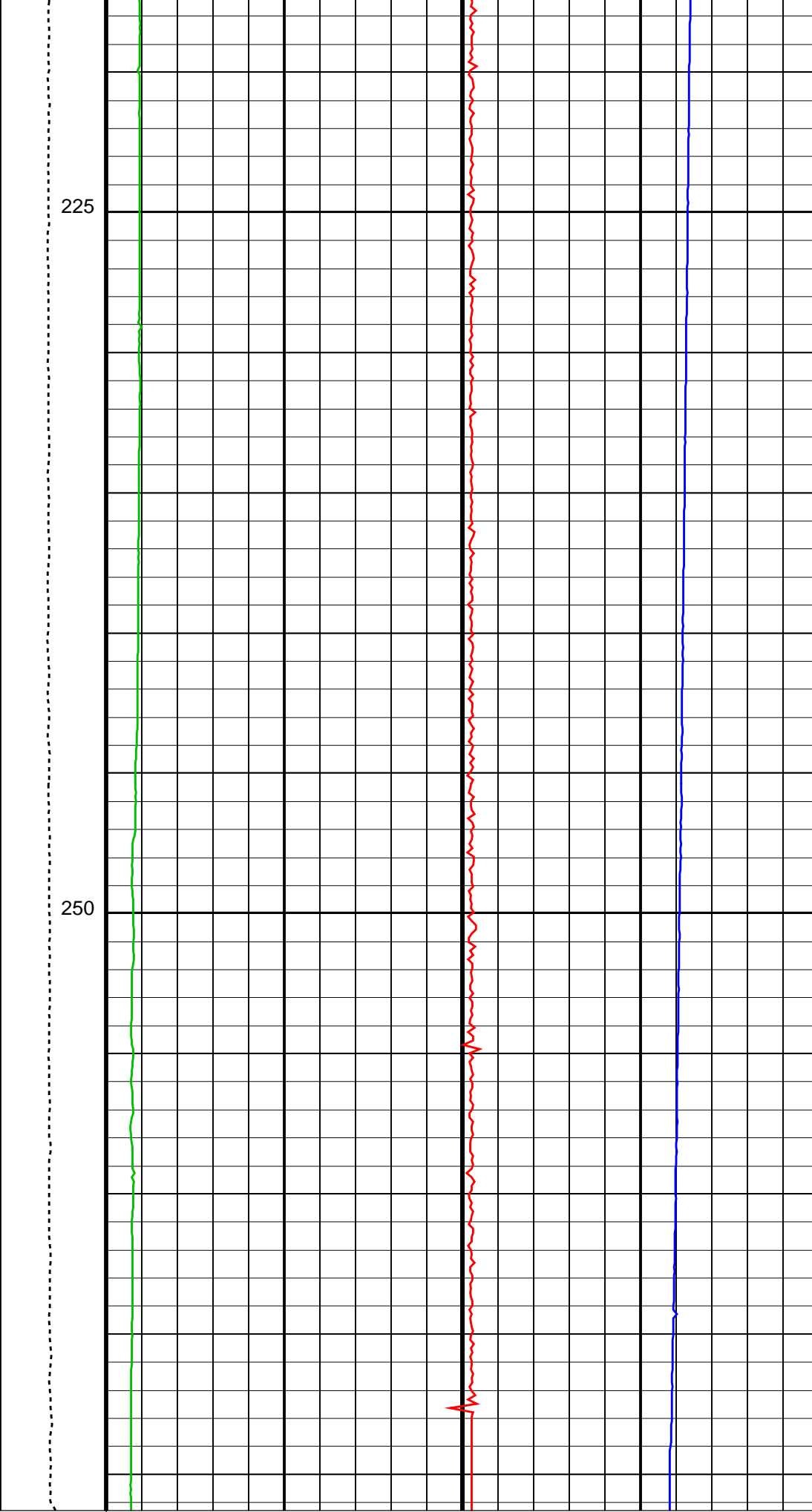
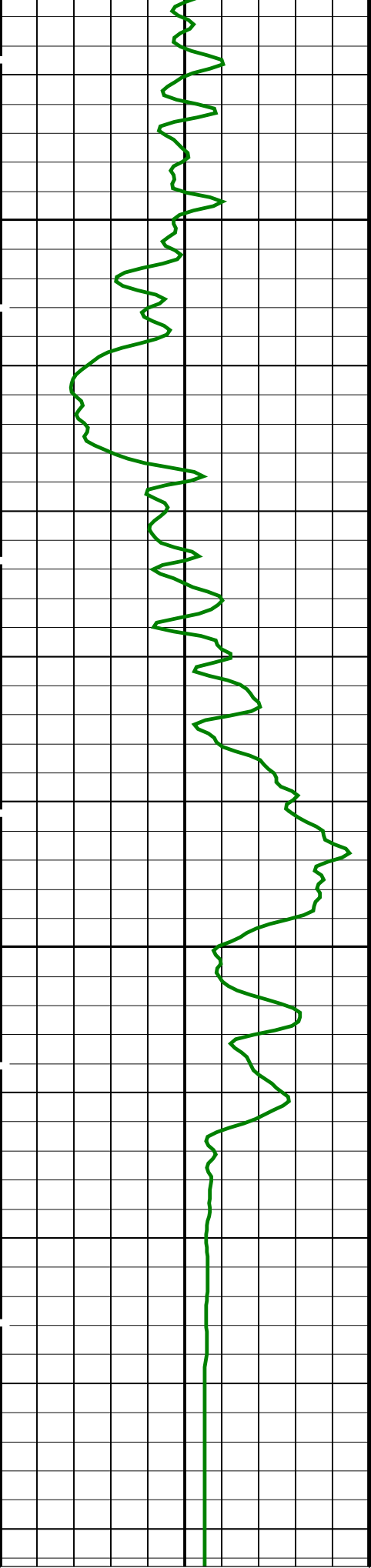
OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

PIP SUMMARY

Time Mark Every 60 S





HNGS Spectroscopy Gamma Ray (HSGR)

Tension (TENS) (LRF)

Axial Acceleration (MSSZACC_LDEO) (M/S²)

0

20

0	(GAPI)	100	(LBF)	0	5000	(M/SZ)	20
				High-Res Susceptibility (MSSHSUS_LDEO)			
		-10000	(PPM)			90000	
				Dual-Coil Susceptibility (MSSLSUS_LDEO)			
		-10000	(PPM)			90000	

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
HNGS-BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNGS Detector 1 Barite Constant	1	
BAR2	HNGS Detector 2 Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	LCAL	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.00965114	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	BARI	
HNPE	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.949952	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.95852	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	LCAL	
System and Miscellaneous			
BS	Bit Size	11.438	IN
DFD	Drilling Fluid Density	1.26	G/C3
DO	Depth Offset for Playback	-1082.2	M
PP	Playback Processing	NORMAL	

Format: MSS_Logging Vertical Scale: 1:200 Graphics File Created: 21-Sep-2013 10:02

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

Input DLIS Files

DEFAULT	MSS_LDEO_LDL_NGS_006LUP	FN:5	PRODUCER	19-Sep-2013 20:18	1353.3 M	1274.5 M
---------	-------------------------	------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	MSS_LDEO_LDL_NGS_026PUP	FN:26	PRODUCER	21-Sep-2013 10:02
CLIENT	MSS_LDEO_LDL_NGS_026PUC	FN:27	CUSTOMER	21-Sep-2013 10:02



**Main Pass
1:200 Scale**

Company: Lamont Doherty Earth Observatory

Well: Expedition 346, Site U1430B

Input DLIS Files

DEFAULT	MSS_LDEO_LDL_NGS_007LUP	FN:6	PRODUCER	19-Sep-2013 20:35	1353.3 M	1074.6 M
---------	-------------------------	------	----------	-------------------	----------	----------

Output DLIS Files

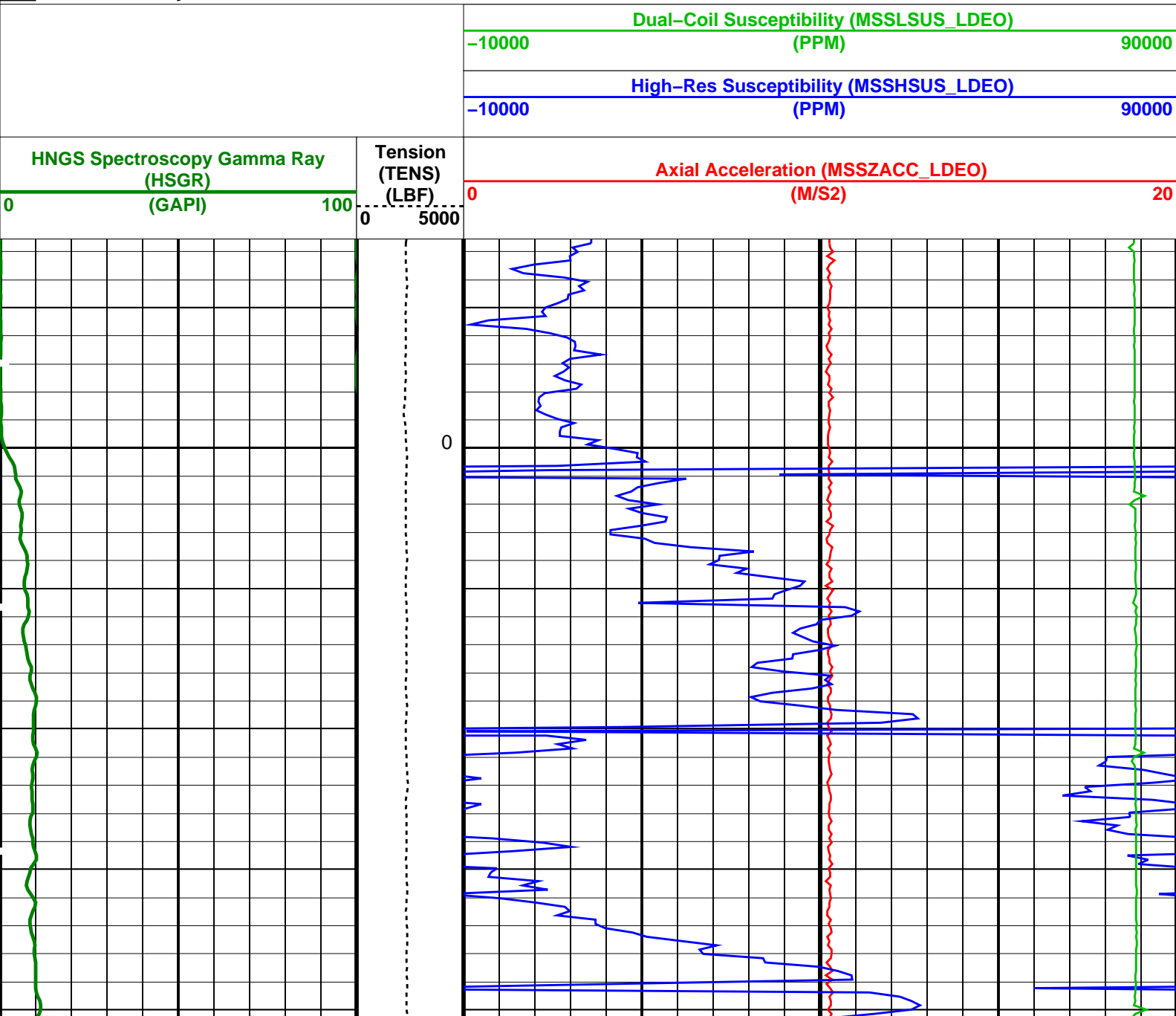
DEFAULT	MSS_LDEO_LDL_NGS_025PUP	FN:24	PRODUCER	21-Sep-2013 09:57	271.3 M	-7.5 M
CLIENT	MSS_LDEO_LDL_NGS_025PUC	FN:25	CUSTOMER	21-Sep-2013 09:57	271.3 M	-7.5 M

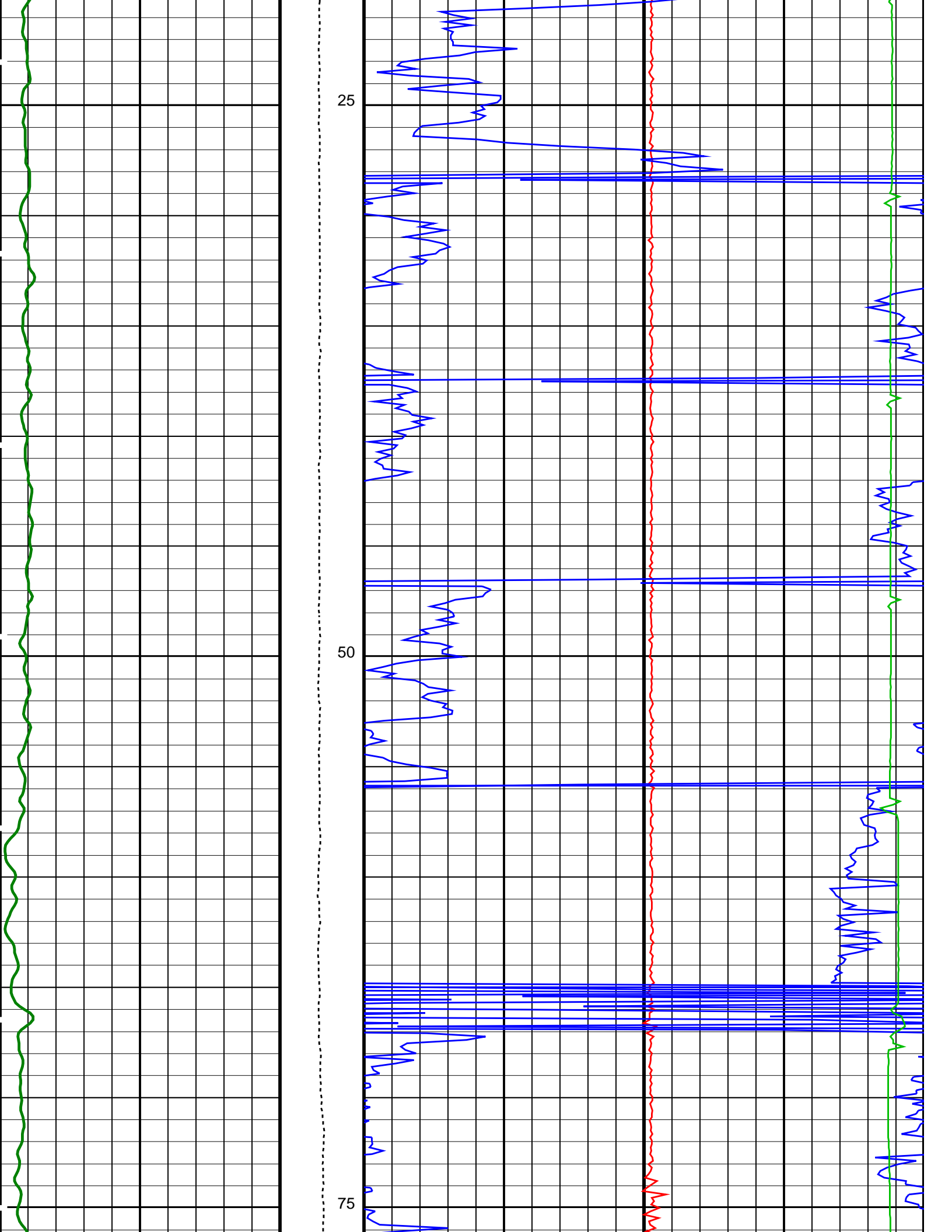
OP System Version: 19C0-187

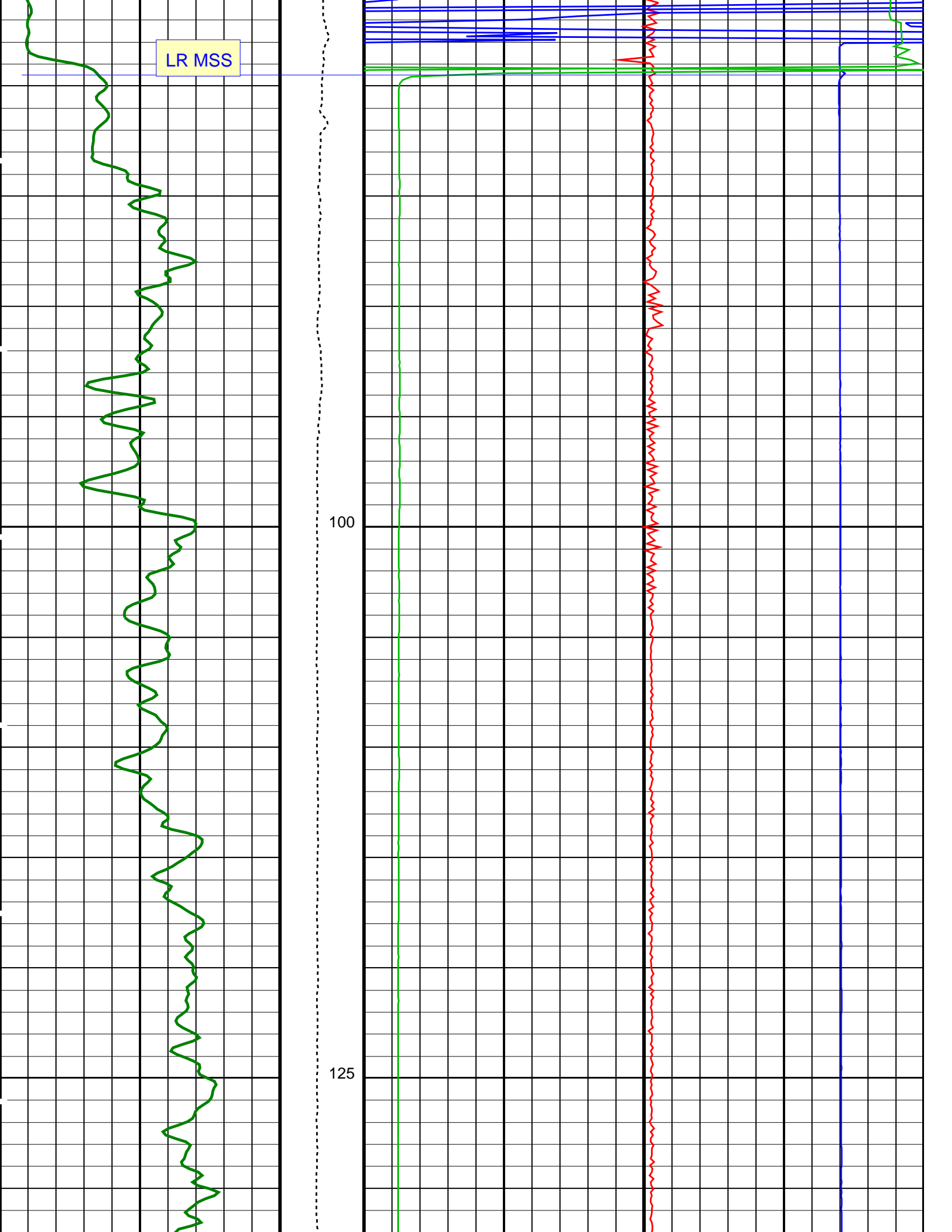
MSS_LDEO-A	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

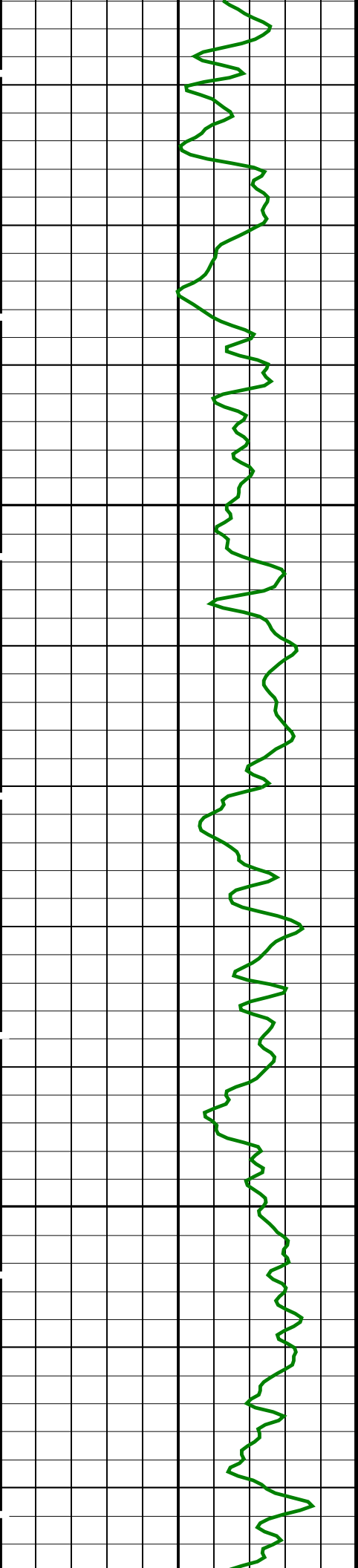
PIP SUMMARY

Time Mark Every 60 S



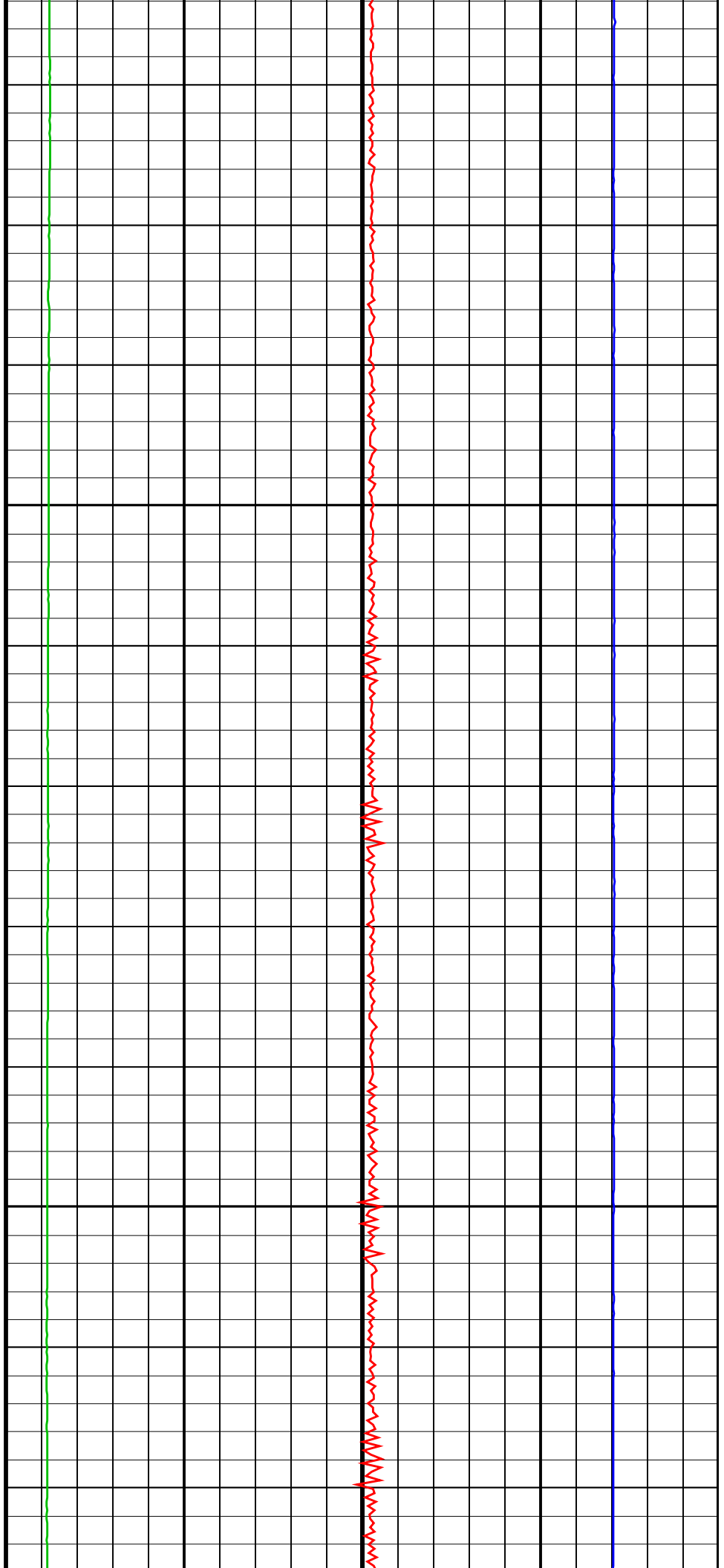


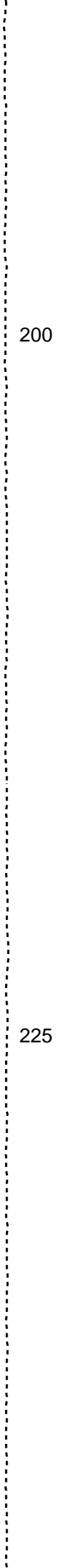
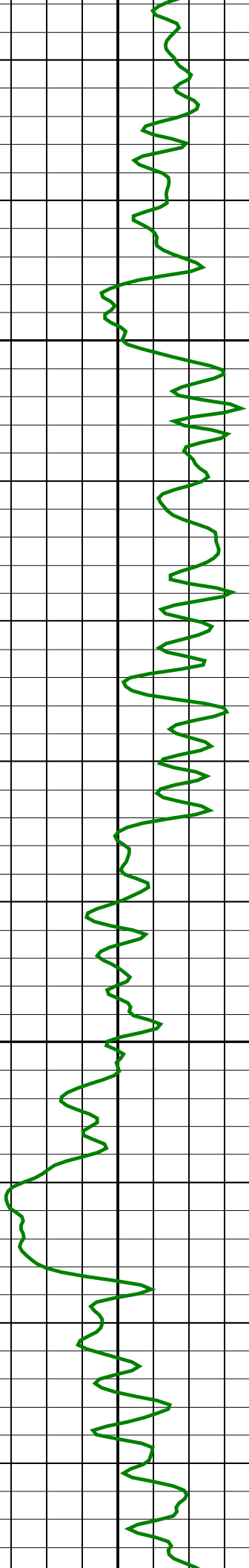


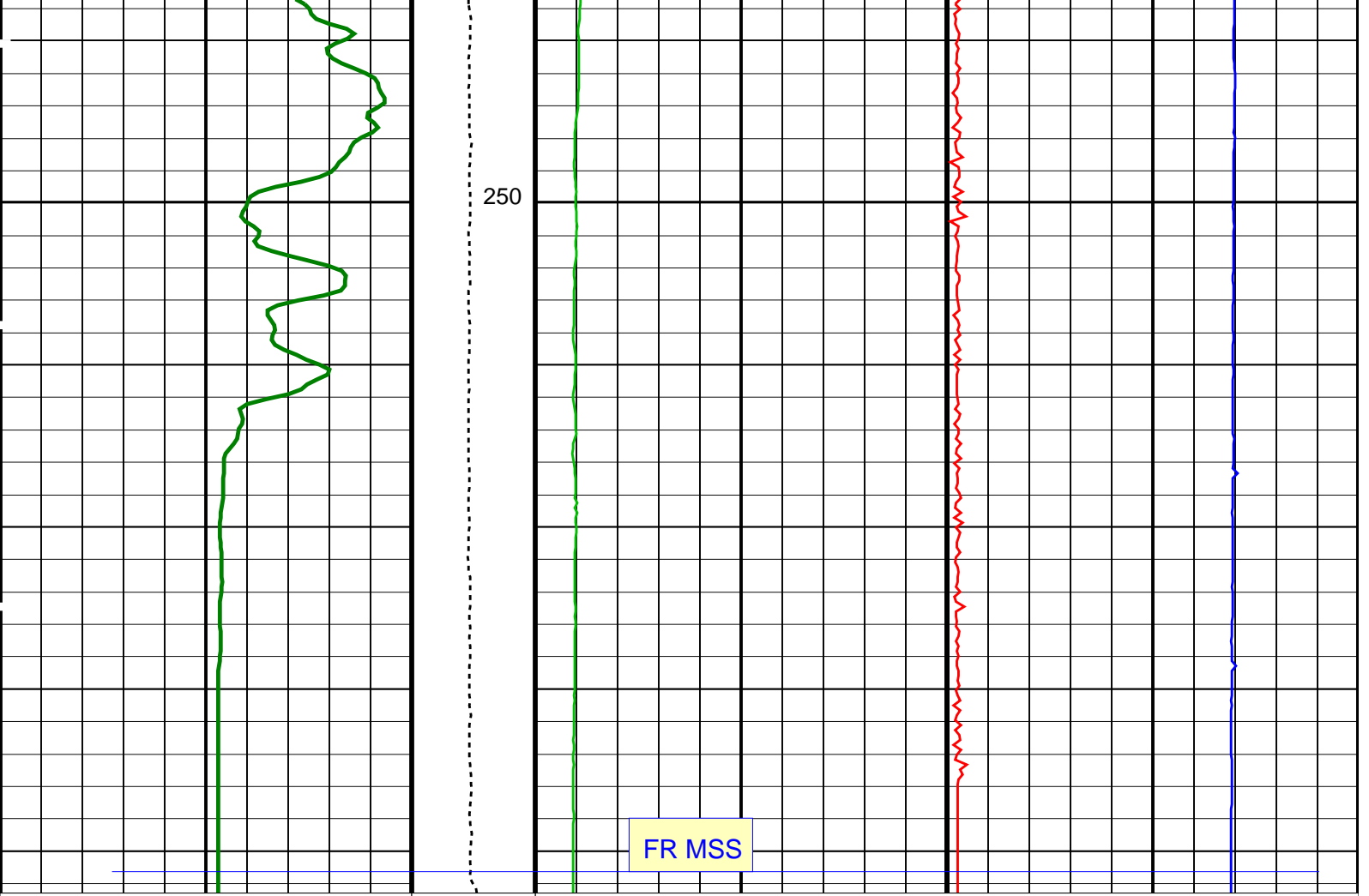


150

175







HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)	Tension (TENS) (LBF)	Axial Acceleration (MSSZACC_LDEO) (M/S2)
0 100	0 5000	0 20
		High-Res Susceptibility (MSSHSUS_LDEO) (PPM)
		-10000 90000
		Dual-Coil Susceptibility (MSSLSUS_LDEO) (PPM)
		-10000 90000

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
HNGS-BA: Hostile Natural Gamma Ray Sonde		
BAR1	HNGS Detector 1 Barite Constant	1
BAR2	HNGS Detector 2 Barite Constant	1
BHK	HNGS Borehole Potassium Correction Concentration	0
BHS	Borehole Status	OPEN
CSD1	Inner Casing Outer Diameter	0 IN
CSD2	Outer Casing Outer Diameter	0 IN
CSW1	Inner Casing Weight	0 LB/F
CSW2	Outer Casing Weight	0 LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE
GCSE	Generalized Caliper Selection	LCAL
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW
HABK	HNGS Borehole Potassium Running Average	-0.00965114
HALF	HNGS Alpha Filter Length	60 IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE
HMWM	Mud Weighting Material	BARI
HNPE	HNGS Processing Enable	YES
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3 CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3 CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES
TPOS	Tool Position	ECCE

TPDS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.949952	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.95852	
	EDTC-B: Enhanced DTS Cartridge		
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	LCAL	
	System and Miscellaneous		
BS	Bit Size	11.438	IN
DFD	Drilling Fluid Density	1.26	G/C3
DO	Depth Offset for Playback	-1082.2	M
PP	Playback Processing	NORMAL	

Format: MSS_Logging Vertical Scale: 1:200 Graphics File Created: 21-Sep-2013 09:57

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

Input DLIS Files

DEFAULT	MSS_LDEO_LDL_NGS_007LUP	FN:6	PRODUCER	19-Sep-2013 20:35	1353.3 M	1074.6 M
---------	-------------------------	------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	MSS_LDEO_LDL_NGS_025PUP	FN:24	PRODUCER	21-Sep-2013 09:57
CLIENT	MSS_LDEO_LDL_NGS_025PUC	FN:25	CUSTOMER	21-Sep-2013 09:57



Calibrations

MAXIS Field Log

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
Hostile Litho-Density Sonde Wellsite Calibration - Background Measurement							
Master: 29-Jul-2013 0:00 Before: 19-Sep-2013 18:17 After: 19-Sep-2013 22:01							
SS Cs Resolution Bkg	9.000	7.700	7.741	7.693	-0.04790	1.800	%
LS Cs Resolution Bkg	9.000	7.970	8.042	7.921	-0.1211	1.800	%
LSW1 Background	100.0	84.57	83.51	84.56	1.048	3.000	CPS
LSW2 Background	100.0	75.61	76.23	76.52	0.2828	3.000	CPS
LSW3 Background	200.0	173.3	174.7	173.9	-0.8438	6.000	CPS
LSW4 Background	250.0	214.7	214.1	212.4	-1.666	7.500	CPS
LSW5 Background	600.0	499.6	502.6	499.9	-2.670	18.00	CPS
SSW1 Background	100.0	82.62	82.43	81.52	-0.9109	3.000	CPS
SSW2 Background	200.0	142.8	141.6	143.5	1.887	6.000	CPS
SSW3 Background	500.0	395.0	395.5	393.9	-1.621	15.00	CPS
SSW4 Background	270.0	213.9	211.0	212.8	1.786	8.100	CPS
SSW5 Background	200.0	151.4	151.4	150.6	-0.8012	6.000	CPS
Hostile Litho-Density Sonde Wellsite Calibration - Aluminum Measurement							
Master: 29-Jul-2013 3:09							
LSW1 Aluminum	600.0	491.6	N/A	N/A	N/A	N/A	CPS
LSW2 Aluminum	900.0	715.0	N/A	N/A	N/A	N/A	CPS
LSW3 Aluminum	1100	869.1	N/A	N/A	N/A	N/A	CPS
LSW4 Aluminum	580.0	437.9	N/A	N/A	N/A	N/A	CPS
LSW5 Aluminum	570.0	399.4	N/A	N/A	N/A	N/A	CPS
SSW1 Aluminum	2800	2277	N/A	N/A	N/A	N/A	CPS
SSW2 Aluminum	8000	6290	N/A	N/A	N/A	N/A	CPS
SSW3 Aluminum	11600	8825	N/A	N/A	N/A	N/A	CPS
SSW4 Aluminum	5000	3653	N/A	N/A	N/A	N/A	CPS

SSW4 Aluminum	3600	3633	N/A	N/A	N/A	N/A	N/A	CPS
SSW5 Aluminum	660.0	439.8	N/A	N/A	N/A	N/A	N/A	CPS
Hostile Litho-Density Sonde Wellsite Calibration – Lithology Measurement								
Master: 29-Jul-2013 3:02								
LSW1 Iron	400.0	337.2	N/A	N/A	N/A	N/A	N/A	CPS
LSW2 Iron	730.0	576.3	N/A	N/A	N/A	N/A	N/A	CPS
LSW3 Iron	1000	764.7	N/A	N/A	N/A	N/A	N/A	CPS
LSW4 Iron	520.0	394.4	N/A	N/A	N/A	N/A	N/A	CPS
LSW5 Iron	470.0	366.6	N/A	N/A	N/A	N/A	N/A	CPS
SSW1 Iron	2100	1667	N/A	N/A	N/A	N/A	N/A	CPS
SSW2 Iron	6800	5226	N/A	N/A	N/A	N/A	N/A	CPS
SSW3 Iron	10800	8022	N/A	N/A	N/A	N/A	N/A	CPS
SSW4 Iron	4600	3308	N/A	N/A	N/A	N/A	N/A	CPS
SSW5 Iron	580.0	389.3	N/A	N/A	N/A	N/A	N/A	CPS

Hostile Litho-Density Sonde Wellsite Calibration – Caliper Calibration								
Before: 29-Jul-2013 5:20								
HLDS Caliper Small Ring	12.00	N/A	14.88	N/A	N/A	N/A	N/A	IN
HLDS Caliper Large Ring	15.19	N/A	18.44	N/A	N/A	N/A	N/A	IN

Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 1 Check								
Master: 29-Jul-2013 20:46 Before: 19-Sep-2013 18:19 After: 19-Sep-2013 22:02								
Na 511 Peak Loc	40.00	39.74	39.66	39.56	-0.09800	1.000		
Na 511 Peak Res	15.50	15.31	15.17	16.33	1.168	2.000	%	
High Voltage	1150	1168	1176	1177	0.3591	N/A	V	
Na 1785 Peak Loc	142.6	142.6	142.6	141.8	-0.8471	7.000		
Na 1785 Peak Res	8.500	9.002	8.753	9.095	0.3424	2.000	%	
Temperature	15.50	21.46	30.57	29.49	-1.081	N/A	DEGC	
Na Count Rate	45.00	15.10	13.57	12.85	-0.7143	8.000	CPS	

Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 2 Check								
Master: 29-Jul-2013 20:46 Before: 19-Sep-2013 18:19 After: 19-Sep-2013 22:02								
Na 511 Peak Loc	40.00	39.58	39.77	39.66	-0.1100	1.000		
Na 511 Peak Res	15.50	16.04	16.03	15.80	-0.2308	2.000	%	
High Voltage	1150	1093	1110	1111	1.164	N/A	V	
Na 1785 Peak Loc	142.6	141.7	140.4	142.4	2.014	7.000		
Na 1785 Peak Res	8.500	9.499	9.518	8.749	-0.7685	2.000	%	
Temperature	15.50	21.65	31.21	31.20	-0.01138	N/A	DEGC	
Na Count Rate	45.00	14.93	13.61	12.82	-0.7925	8.000	CPS	

Hostile Natural Gamma Ray Sonde Wellsite Calibration – Ratio Of Detector 1 To Detector 2								
Master: 29-Jul-2013 20:46 Before: 19-Sep-2013 18:19 After: 19-Sep-2013 22:02								
Coincidence Count Rate Ratio	1.000	1.015	0.9964	1.002	0.005705	0.05000		

Enhanced DTS Cartridge Wellsite Calibration – EDTC Accelerometer Calibration								
Before: 19-Sep-2013 18:19								
EDTC Z-Axis Acceleration	9.810	N/A	9.759	N/A	N/A	N/A	N/A	M/S2

Enhanced DTS Cartridge Wellsite Calibration – Detector Calibration								
Before: 19-Sep-2013 18:15 After: 19-Sep-2013 21:58								
Gamma Ray (Jig – Bkg)	154.9	N/A	154.9	157.4	2.498	14.08	GAPI	
Gamma Ray (Calibrated)	165.0	N/A	165.0	167.7	2.660	15.00	GAPI	

Hostile Litho-Density Sonde / Equipment Identification			
Primary Equipment:			
Hostile Litho Density Sonde	HLDS – D	35	
Hostile Litho Density High Voltage	HLDV – D	35	
Gamma Source Radioactive	GSR – Z	8113	
Auxiliary Equipment:			
Hostile Litho Density Pad	HLDP – C	35	
Hostile Litho Density High Voltage Housi	HEH – H	35	

Hostile Litho-Density Sonde Wellsite Calibration								
Background Measurement								
Phase	SS Cs Resolution Bkg %	Value	Phase	LS Cs Resolution Bkg %	Value	Phase	LSW1 Background CPS	Value
Master		7.700	Master		7.970	Master		84.57
Before		7.741	Before		8.042	Before		83.51
After		7.693	After		7.921	After		84.56
	7.000 (Minimum) 9.000 (Nominal) 11.000 (Maximum)			7.000 (Minimum) 9.000 (Nominal) 11.000 (Maximum)			55.00 (Minimum) 100.0 (Nominal) 150.0 (Maximum)	
Phase	LSW2 Background CPS	Value	Phase	LSW3 Background CPS	Value	Phase	LSW4 Background CPS	Value

Master		75.61	Master		173.3	Master		214.7
Before		76.23	Before		174.7	Before		214.1
After		76.52	After		173.9	After		212.4
50.00 (Minimum) 100.0 (Nominal) 140.0 (Maximum)			110.0 (Minimum) 200.0 (Nominal) 290.0 (Maximum)			140.0 (Minimum) 250.0 (Nominal) 360.0 (Maximum)		
Phase	LSW5 Background CPS	Value	Phase	SSW1 Background CPS	Value	Phase	SSW2 Background CPS	Value
Master		499.6	Master		82.62	Master		142.8
Before		502.6	Before		82.43	Before		141.6
After		499.9	After		81.52	After		143.5
330.0 (Minimum) 600.0 (Nominal) 830.0 (Maximum)			55.00 (Minimum) 100.0 (Nominal) 150.0 (Maximum)			100.0 (Minimum) 200.0 (Nominal) 260.0 (Maximum)		
Phase	SSW3 Background CPS	Value	Phase	SSW4 Background CPS	Value	Phase	SSW5 Background CPS	Value
Master		395.0	Master		213.9	Master		151.4
Before		395.5	Before		211.0	Before		151.4
After		393.9	After		212.8	After		150.6
280.0 (Minimum) 500.0 (Nominal) 700.0 (Maximum)			150.0 (Minimum) 270.0 (Nominal) 380.0 (Maximum)			110.0 (Minimum) 200.0 (Nominal) 270.0 (Maximum)		
Master: 29-Jul-2013 0:00			Before: 19-Sep-2013 18:17			After: 19-Sep-2013 22:01		

Litho-Density Spectroscopy Cartridge - B / Equipment Identification

Primary Equipment: LDSC Cartridge	LDSC - B	326
Auxiliary Equipment: LDSC Housing	LDSH - A	303

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		39.74	Master		15.31	Master		1168
Before		39.66	Before		15.17	Before		1176
After		39.56	After		16.33	After		1177
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		142.6	Master		9.002	Master		21.46
Before		142.6	Before		8.753	Before		30.57
After		141.8	After		9.095	After		29.49
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				15.10
Before				13.57
After				12.85
	10.00 (Minimum)	45.00 (Nominal)	100.0 (Maximum)	

Master: 29-Jul-2013 20:46 Before: 19-Sep-2013 18:19 After: 19-Sep-2013 22:02

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				39.58	Master				16.04	Master				1093
Before				39.77	Before				16.03	Before				1110
After				39.66	After				15.80	After				1111
	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				141.7	Master				9.499	Master				21.65
Before				140.4	Before				9.518	Before				31.21
After				142.4	After				8.749	After				31.20
	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				14.93										
Before				13.61										
After				12.82										
	10.00 (Minimum)	45.00 (Nominal)	100.0 (Maximum)											

Master: 29-Jul-2013 20:46 Before: 19-Sep-2013 18:19 After: 19-Sep-2013 22:02

Hostile Natural Gamma Ray Sonde Wellsite Calibration		
Ratio Of Detector 1 To Detector 2		
Phase	Coincidence Count Rate Ratio	Value
Master		1.015
Before		0.9964
After		1.002
	0.9500 (Minimum)	1.000 (Nominal)
		1.050 (Maximum)

Master: 29-Jul-2013 20:46
Before: 19-Sep-2013 18:19
After: 19-Sep-2013 22:02

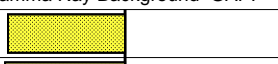
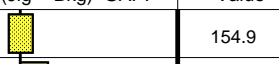
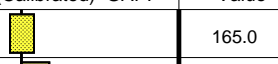

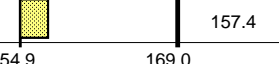
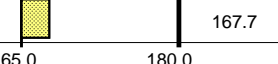
Enhanced DTS Cartridge / Equipment Identification		
Primary Equipment:		
EDTC Gamma Ray Detector	EDTG - A/B	8305
Enhanced DTS Cartridge	EDTC - B	8317
Auxiliary Equipment:		
EDTC Housing	EDTH - B	8303

Enhanced DTS Cartridge Wellsite Calibration		
EDTC Accelerometer Calibration		
Phase	EDTC Z-Axis Acceleration M/S2	Value
Before		9.759
	9.610 (Minimum)	9.810 (Nominal)
		10.01 (Maximum)

Before: 19-Sep-2013 18:19

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		7.622	Before		154.9	Before		165.0
After		7.111	After		157.4	After		167.7
	0 (Minimum) 30.00 (Nominal) 120.0 (Maximum)			140.8 (Minimum) 154.9 (Nominal) 169.0 (Maximum)			150.0 (Minimum) 165.0 (Nominal) 180.0 (Maximum)	
Before: 19-Sep-2013 18:15			After: 19-Sep-2013 21:58					

Company: **Lamont Doherty Earth Observatory**

Schlumberger

Well: **Expedition 346, Site U1430B**

Field: **Asian Monsoon**

Rig: **JOIDES Resolution**

Country: **USA**

LDEO MSS