



Rig: JOIDES Resolution Field: Baffin Bay Location: Latitude: N 75° 42' 58.35" Well: Expedition 344S, U0060A (USC60) Company: Lamont Doherty Earth Observatory	DSI Sonic Imager Stoneley			
	LOCATION	Latitude: N 75° 42' 58.35" Longitude: W 65° 57' 12.19"	Elev.: K.B. –603.20 m G.L. –592.20 m D.F. –603.20 m	
		Permanent Datum: <u>Mean Sea Level</u> Log Measured From: <u>Sea Floor</u> Drilling Measured From: <u>Drill Floor</u>	Elev.: <u>0.00 m</u> 11.00 m above Perm. Datum	
		Ocean: Atlantic Max. Well Deviation 0 deg	Longitude N 75° 42' 58.35"	Latitude W 65° 57' 12.19"

Logging Date			27-Sep-2012					
Run Number			1					
Depth Driller			239.1 m					
Schlumberger Depth			195.5 m					
Bottom Log Interval			174 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					

[illegible]

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: MSS
OS2: HRLA
OS3: HNGS

Heave compensation was not required due to exceptionally calm sea state and favorable weather during logging.

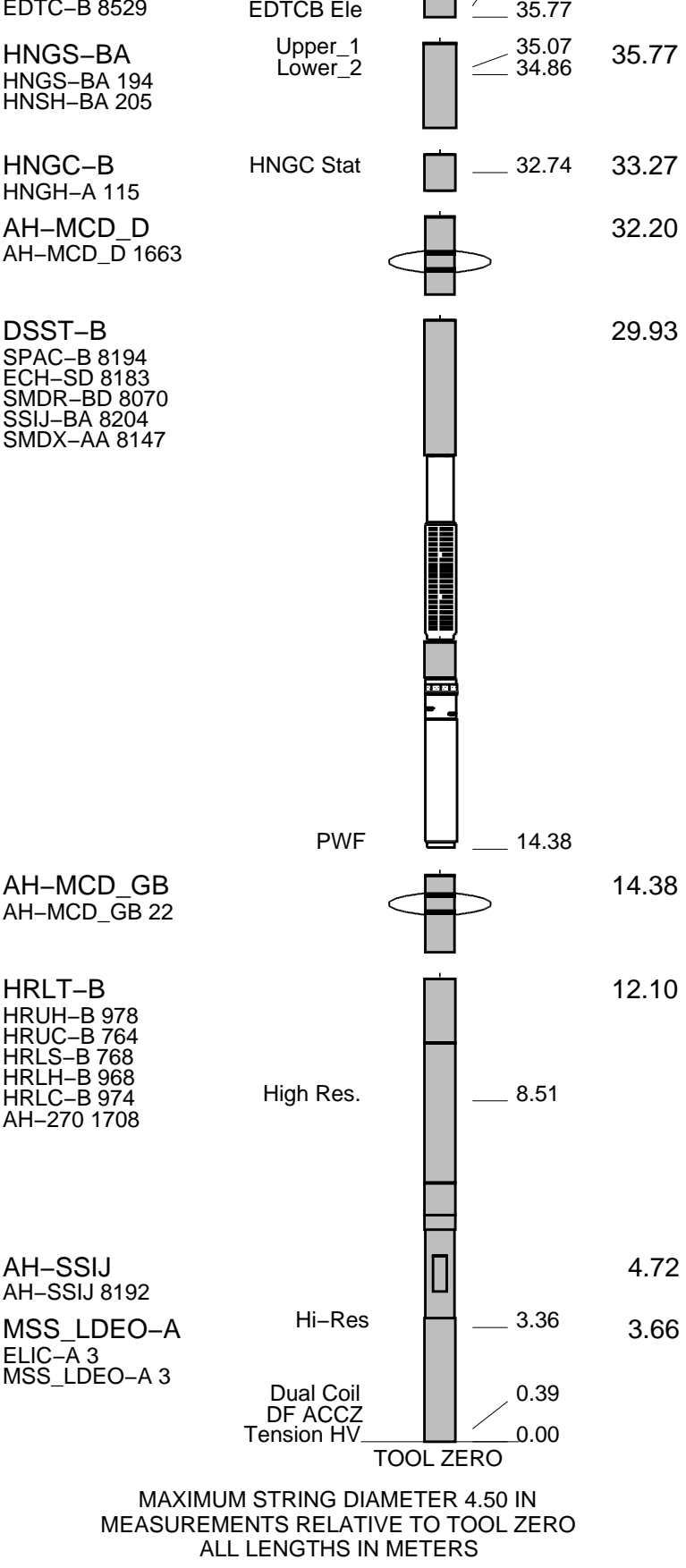
- P&S Monopole in Standard Frequency
- Upper Dipole in Low Frequency
- Lower Dipole in Standard Frequency
- Stoneley in Standard Frequency

STOP

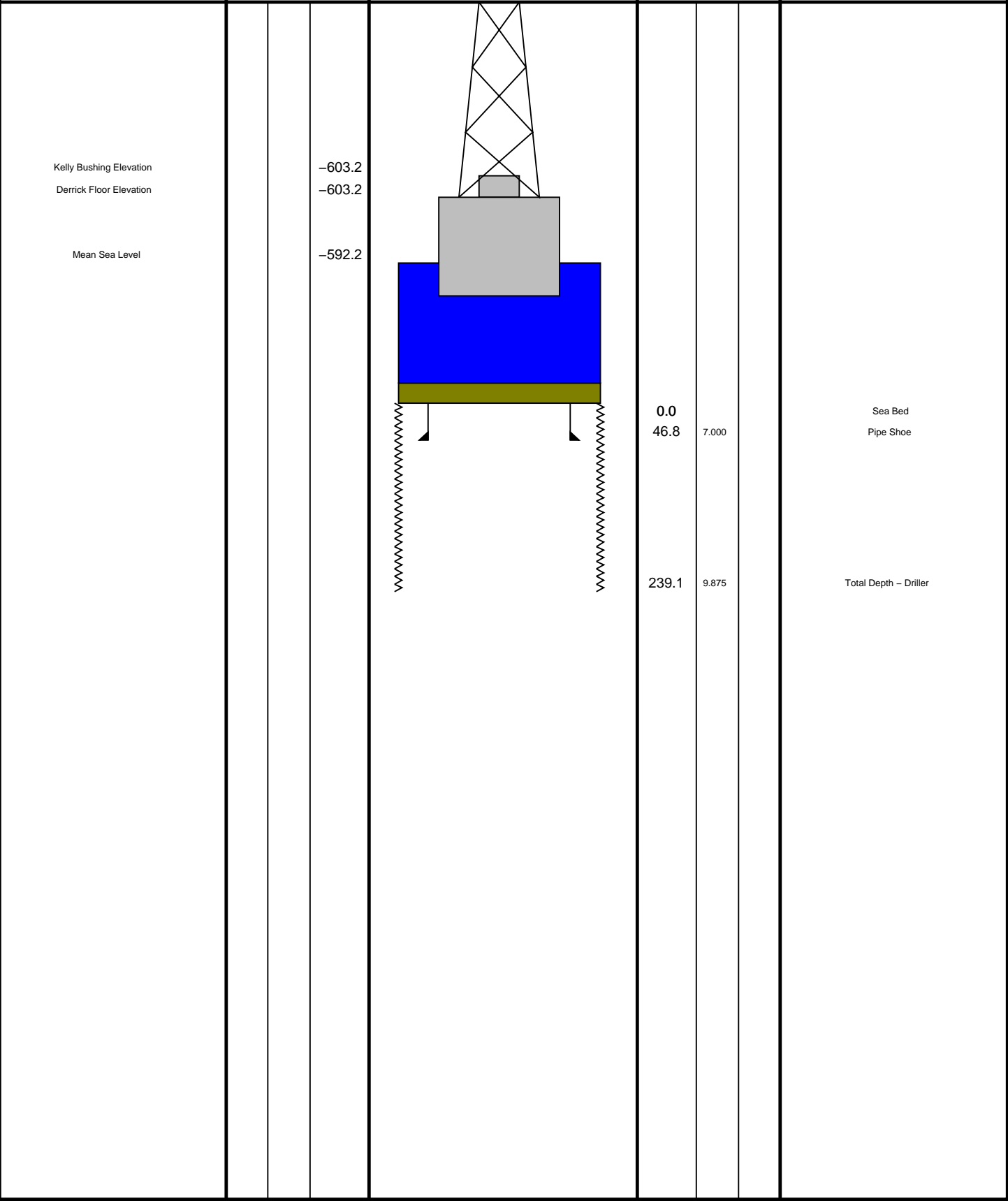
RUN 2

GSR-U 616008
WITM (EDTS)-A

Method	Mean	Stdev	Min	Max	Score
LEH-MT	39.15	0.00	39.15	39.15	39.15
LEH-MT 101	37.75	0.00	37.75	37.75	37.75
MDSB_EDTC	36.69	0.00	36.69	36.69	36.69
AH-369	36.12	0.00	36.12	36.12	36.12
Mud Tempe	38.19	0.00	38.19	38.19	38.19
CTEM	37.75	0.00	37.75	37.75	37.75
Gamma Ray	36.69	0.00	36.69	36.69	36.69
EDTC-B	36.12	0.00	36.12	36.12	36.12
EFTB DIAG	38.19	0.00	38.19	38.19	38.19
EDTH-B 8528	37.75	0.00	37.75	37.75	37.75
TelStatus	36.69	0.00	36.69	36.69	36.69



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





Up Log

MAXIS Field Log

Company: Lamont Doherty Earth Observatory

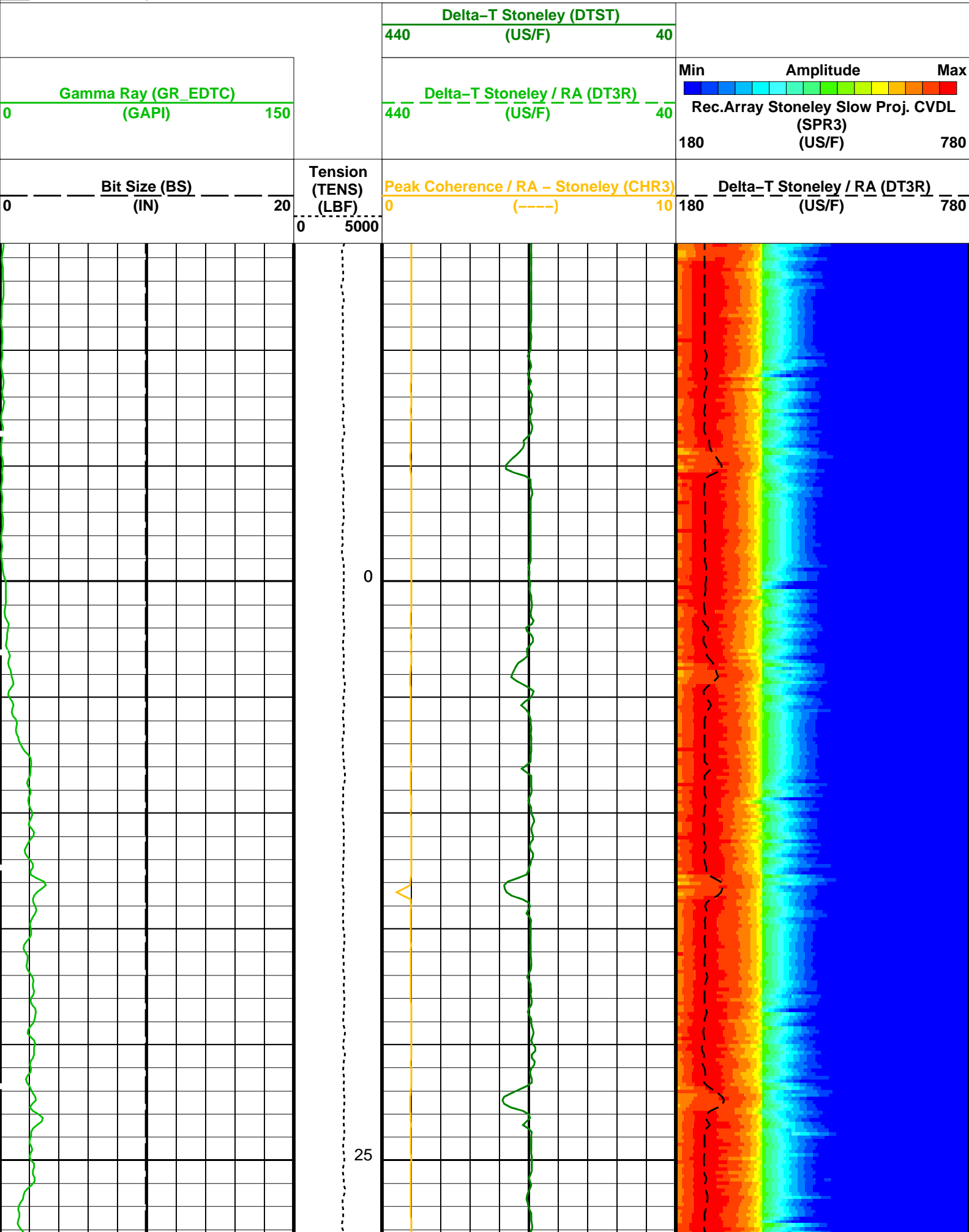
Well: Expedition 344S, U0060A (USC60)

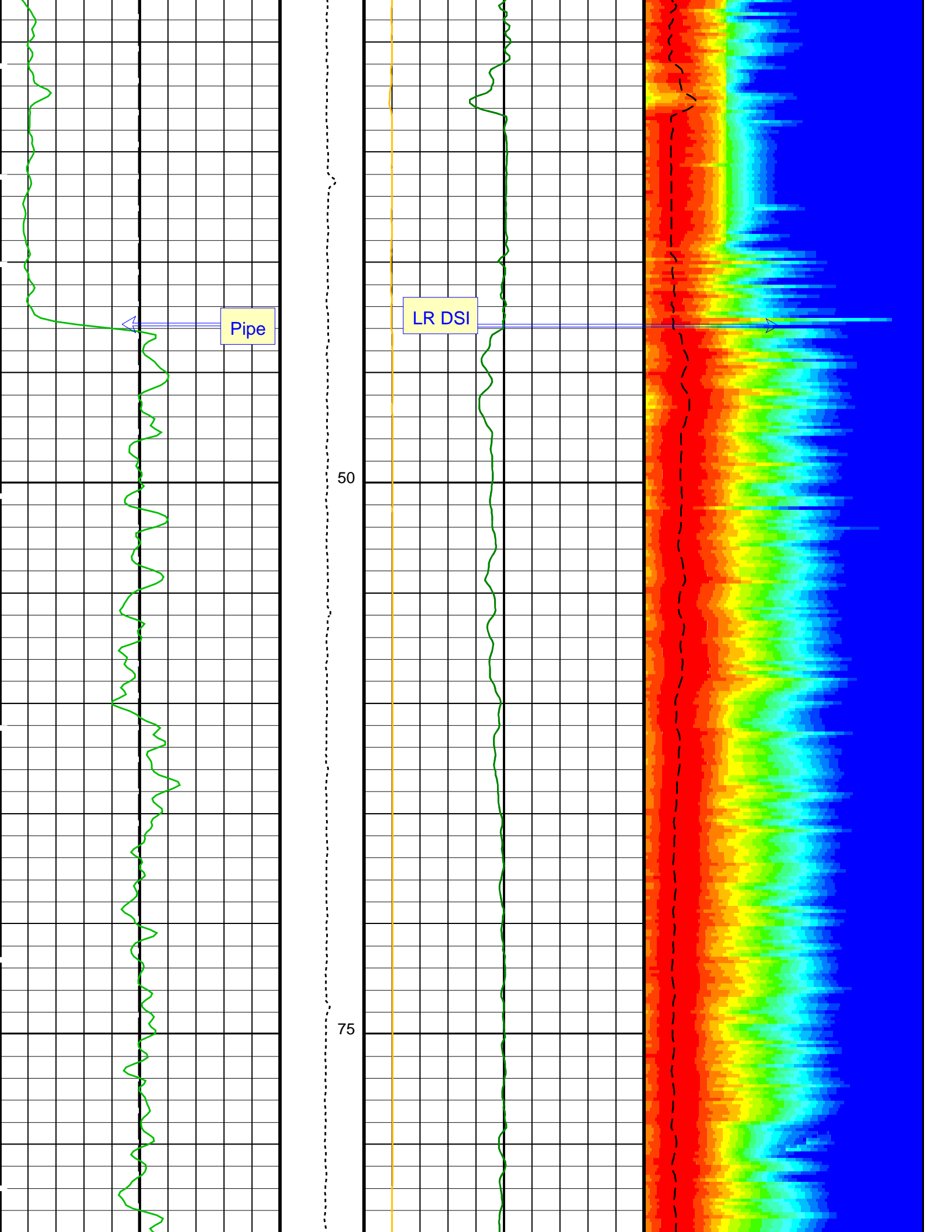
Input DLIS Files						
DEFAULT	MSS_LDEO_HRLA_DSI_007LUP	FN:6	PRODUCER	28-Sep-2012 00:21	788.7 M	579.3 M
Output DLIS Files						
DEFAULT	MSS_LDEO_HRLA_DSI_011PUP	FN:10	PRODUCER	28-Sep-2012 20:08	194.3 M	-14.6 M
CLIENT	MSS_LDEO_HRLA_DSI_011PUC	FN:11	CUSTOMER	28-Sep-2012 20:08	194.3 M	-14.6 M

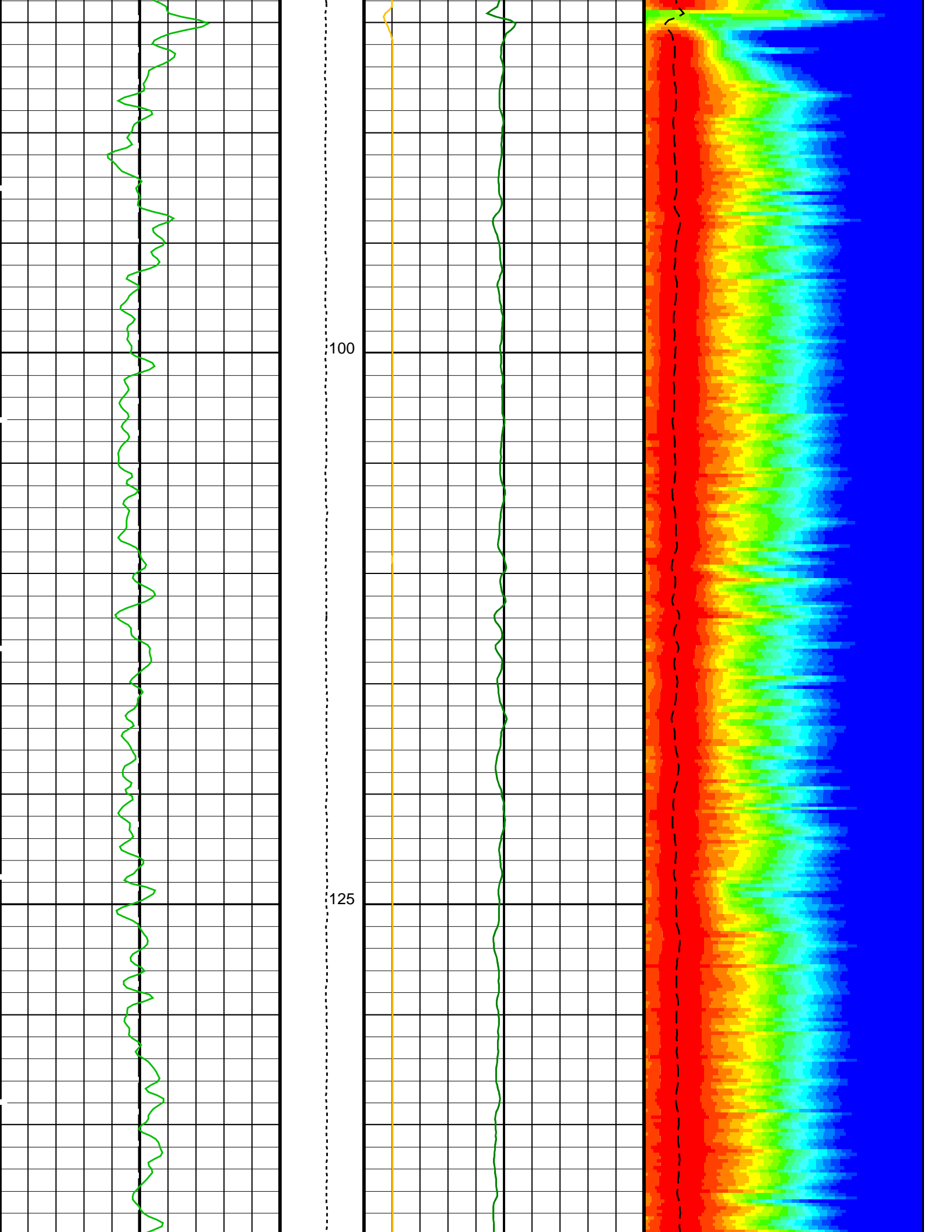
OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187		
DSST-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB		

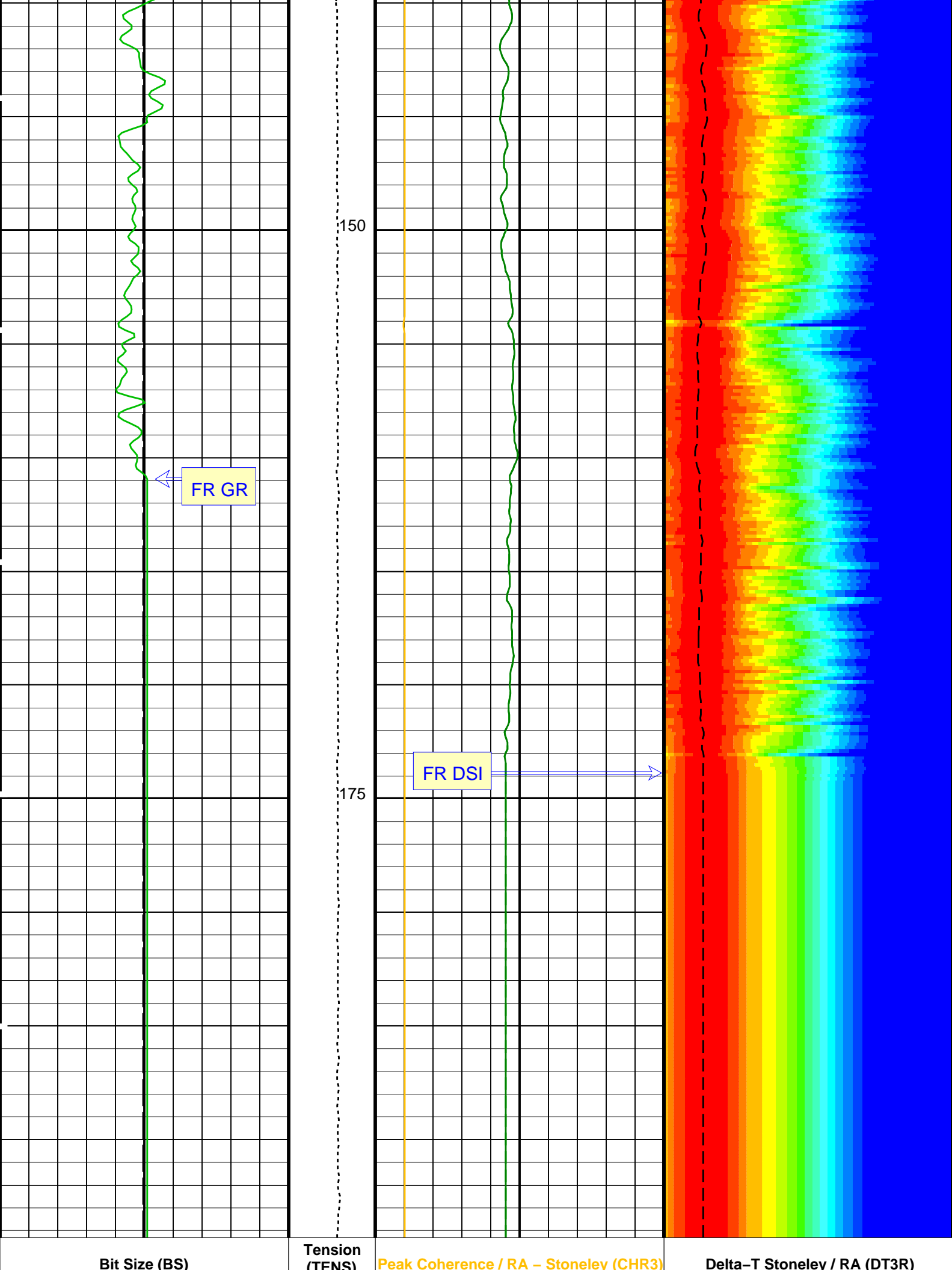
PIP SUMMARY

Time Mark Every 60 S









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



Down Log

MAXIS Field Log

Company: Lamont Doherty Earth Observatory	Well: Expedition 344S, U0060A (USC60)
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Input DLIS Files

DEFAULT	Flip_MSS_LDEO_HRLA_020PUP	PRODUCER	28-Sep-2012 20:28	153.0 M	-10.1 M
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Output DLIS Files

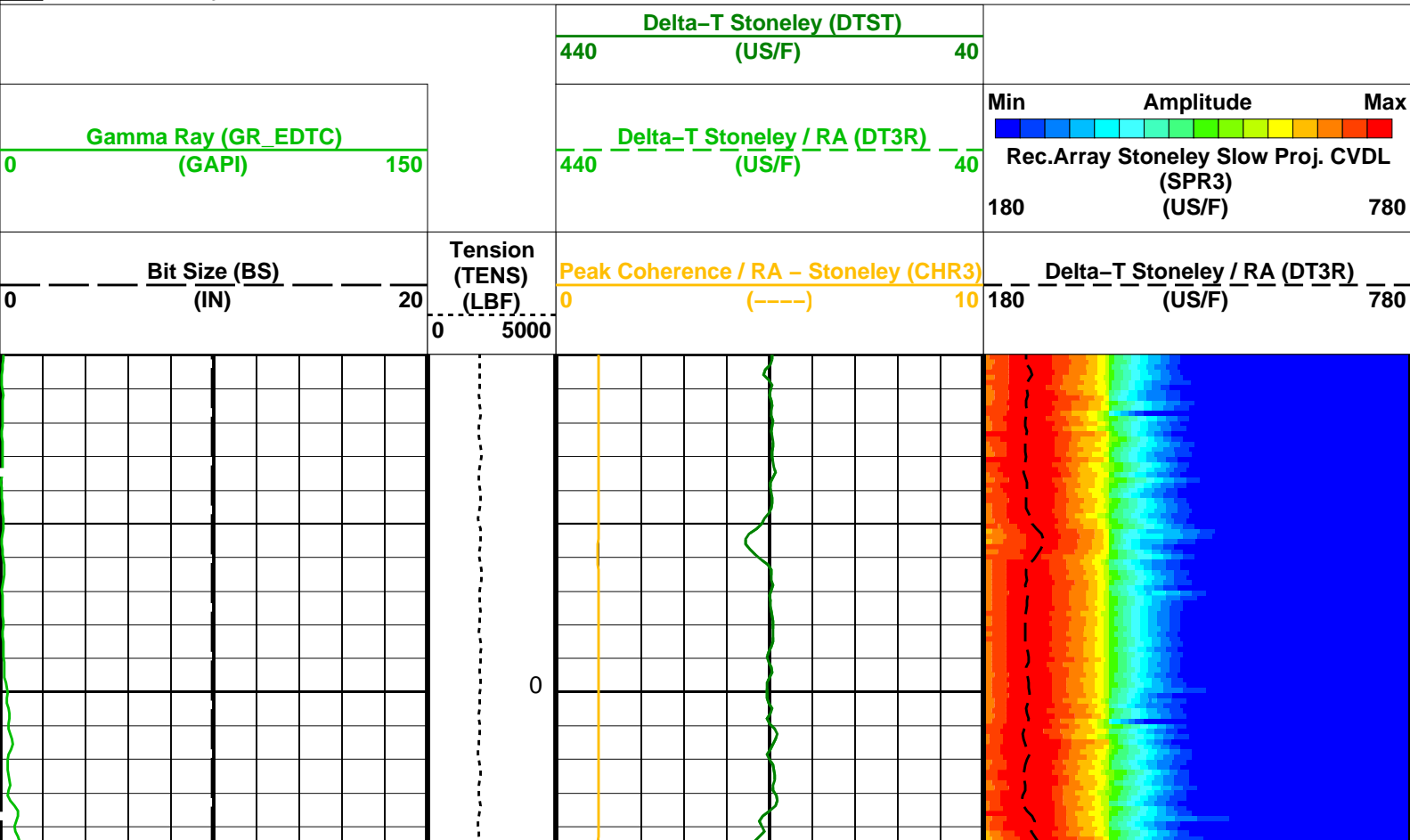
DEFAULT	MSS_LDEO_HRLA_DSI_021PUP	FN:26	PRODUCER	28-Sep-2012 20:29	153.0 M	-10.1 M
CLIENT	MSS_LDEO_HRLA_DSI_021PUC	FN:27	CUSTOMER	28-Sep-2012 20:29	153.0 M	-10.1 M

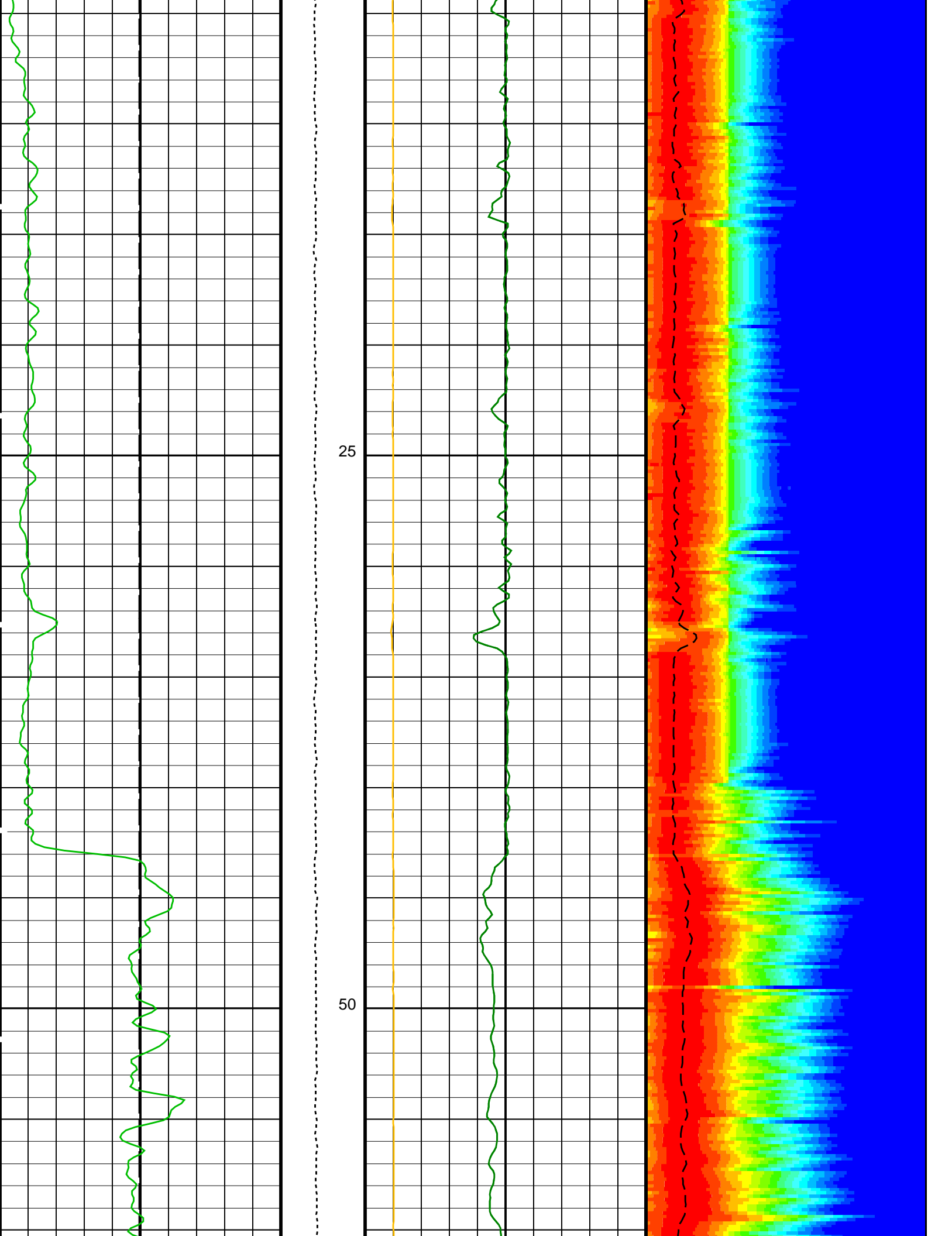
OP System Version: 19C0-187

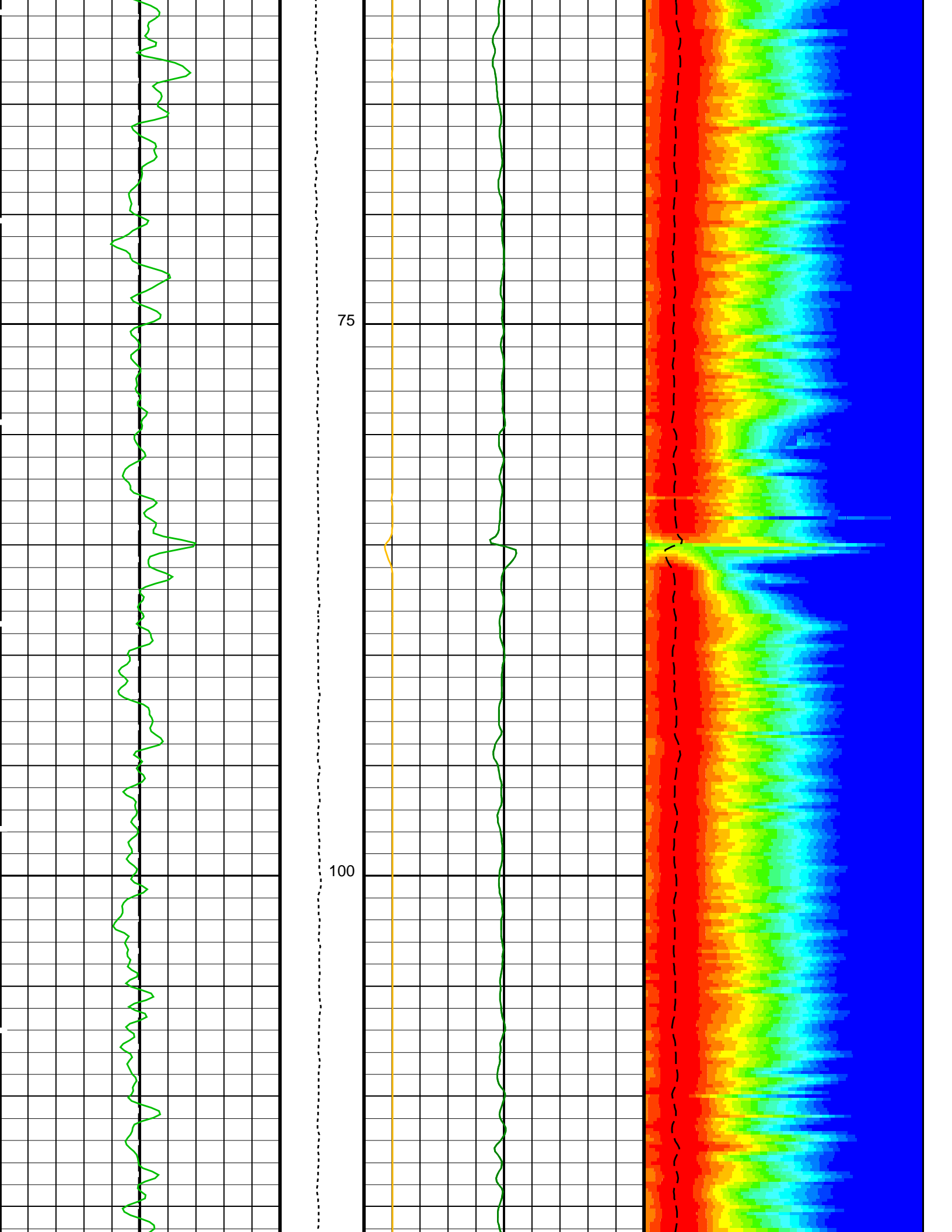
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

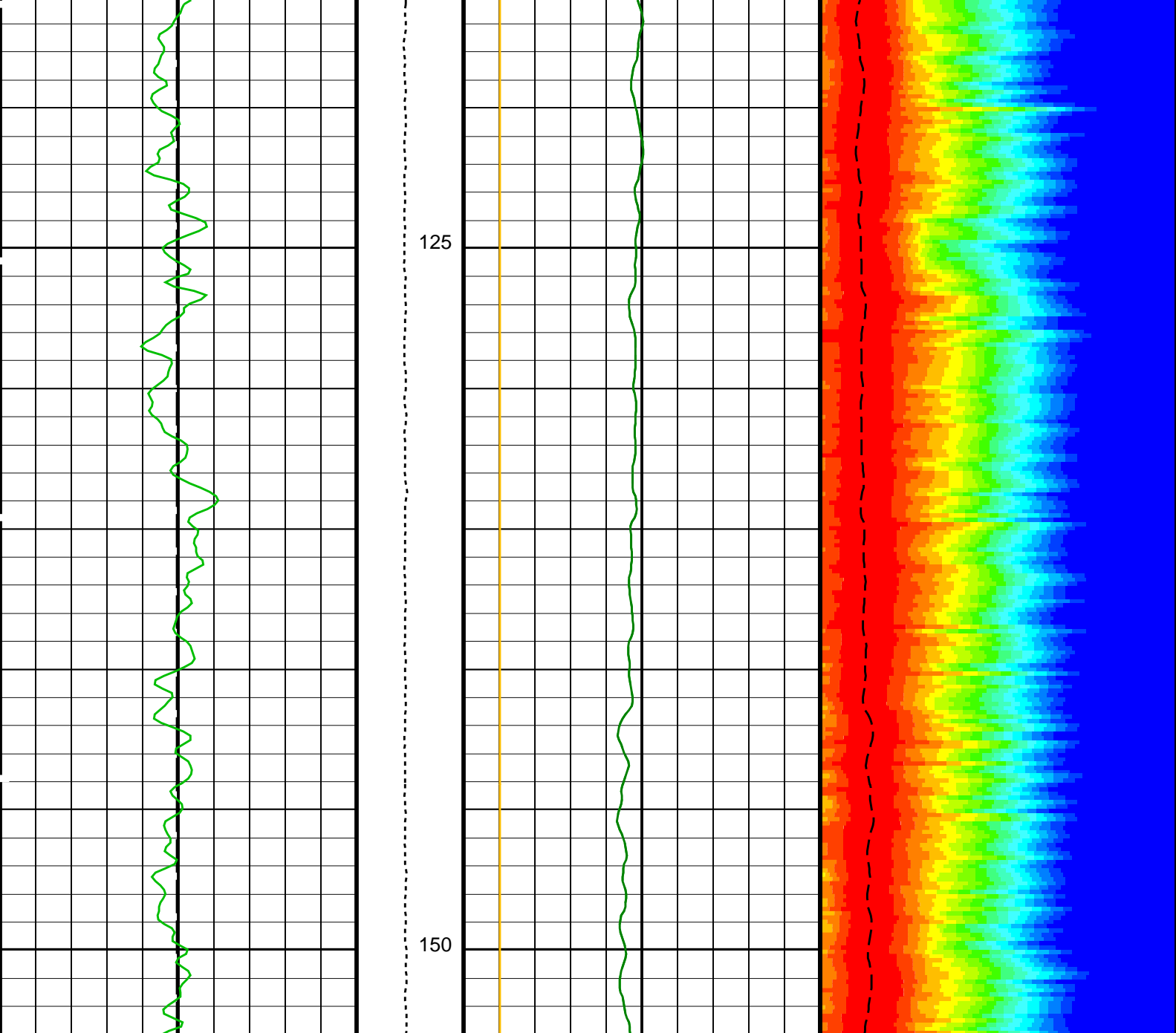
PIP SUMMARY

Time Mark Every 60 S









Bit Size (BS) (IN)		Tension (TENS) (LBF)	Peak Coherence / RA - Stoneley (CHR3) (-----)	Delta-T Stoneley / RA (DT3R) (US/F)
0 20		0 5000	0 10	180 780
Gamma Ray (GR_EDTC) (GAPI)		Delta-T Stoneley / RA (DT3R) (US/F)		Min Amplitude Max Rec.Array Stoneley Slow Proj. CVDL (SPR3) (US/F)
0 150		Delta-T Stoneley (DTST) (US/F)		180 780
		440 40		

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DSST-B: Dipole Shear Imager - B		
DDE3	Digitizing Delay 3	0 US
DDEX	Digitizing Delay X	0 US
DSI3	Digitizer Sample Interval 3	40 US
DSI4	Digitizer Sample Interval 4	0 US

DSIX	Digitizer Sample Interval X	40	US
DTC3	Compressional Delta-T Source for DTCO Channel	PS_COMP	
DWC3	Digitizer Word Count 3	512	
DWCX	Digitizer Word Count X	512	
MTXG	Monopole Transmitter Geometry	186	IN
NWI3	Number Waveform Items 3	8	
NWIX	Number Waveform Items X	0	
RX1G	Receiver 1 Geometry	294	IN
RX2G	Receiver 2 Geometry	300	IN
RX3G	Receiver 3 Geometry	306	IN
RX4G	Receiver 4 Geometry	312	IN
RX5G	Receiver 5 Geometry	318	IN
RX6G	Receiver 6 Geometry	324	IN
RX7G	Receiver 7 Geometry	330	IN
RX8G	Receiver 8 Geometry	336	IN
SAM3	DSST Sonic Acquisition Mode 3 – Monopole Mode for Stoneley	EVEN	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS3	STC Sonic Array Status – Monopole Stoneley	255	
SBO3	STC Search Band Offset – Monopole Stoneley	2000	US
SBW3	STC Search Bandwidth – Monopole Stoneley	6000	US
SFC3	STC Formation Character – Monopole Stoneley	SELECTABLE	
SFM3	STC Filter – Monopole Stoneley	B.5–1.5K	
SLL3	STC Slowness Lower Limit – Monopole Stoneley	180	US/F
SST3	STC Slowness Step – Monopole Stoneley	4	US/F
SSW3	STC Source Waveform – Monopole Stoneley	WF_SAM3	
STLL	Label Slowness Lower Limit – Monopole Stoneley	180	US/F
STUL	Label Slowness Upper Limit – Monopole Stoneley	780	US/F
SUL3	STC Slowness Upper Limit – Monopole Stoneley	780	US/F
SWD3	STC Slowness Width – Monopole Stoneley	40	US/F
TBF3	STC Time for Baseline Fill – Monopole Stoneley	0	US
TLL3	STC Time Lower Limit – Monopole Stoneley	620	US
TST3	STC Time Step – Monopole Stoneley	200	US
TUL3	STC Time Upper Limit – Monopole Stoneley	12020	US
TWD3	STC Time Width – Monopole Stoneley	2000	US
TWI3	STC Integration Time Window – Monopole Stoneley	1600	US
TWSX	Transmitter Waveform Select X	0	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: DSST_STONELEY_VDL_COLOR 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
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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

Schlumberger

Calibrations

MAXIS Field Log

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

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	
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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
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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
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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			
2	Before		-339.5	-322.7	-280.7	-379.7
	After		-337.3			
3	Before		-342.4	-322.7	-280.7	-379.7
	After		-340.5			
4	Before		-328.1	-322.7	-280.7	-379.7
	After		-327.0			
5	Before		-323.6	-322.7	-280.7	-379.7
	After		-322.7			
6	Before		332.2	322.7	379.7	280.7
	After		329.8			
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						

High Resolution Laterolog Array – B Wellsite Calibration

HRLT M12						
Idx	Phase	HRLT M1–M2 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		1758	1781	2095	1549
	After		1755			
1	Before		1876	1781	2095	1549
	After		1860			
2	Before		1860	1781	2095	1549
	After		1848			
3	Before		1876	1781	2095	1549
	After		1866			
4	Before		1799	1781	2095	1549
	After		1794			
5	Before		1776	1781	2095	1549
	After		1772			
6	Before		-1832	-1781	-1549	-2095
	After		-1820			
7	Before		1781	1781	2095	1549
	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 M23						
Idx	Phase	HRLT M2–M3 Voltage Plus UV	Value	Nominal	Maximum	Minimum
	Before		1758	1781	2095	1549
	After		1755			

0	Before		1745	1781	2095	1549
	After		1741			
1	Before		1875	1781	2095	1549
	After		1857			
2	Before		1860	1781	2095	1549
	After		1847			
3	Before		1879	1781	2095	1549
	After		1868			
4	Before		1796	1781	2095	1549
	After		1789			
5	Before		1773	1781	2095	1549
	After		1769			
6	Before		-1819	-1781	-1549	-2095
	After		-1805			
7	Before		1781	1781	2095	1549
	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			
						

2	Before		-73610	-70000	-60900	-82360
	After		-73150			
3	Before		-74670	-70000	-60900	-82360
	After		-74280			
4	Before		-71250	-70000	-60900	-82360
	After		-71050			
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

















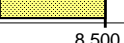




Primary Equipment:
HNGC Cartridge HNGC – B 300






















Auxiliary Equipment:
HNGC Housing HNGH – A 115




Hostile Natural Gamma Ray Sonde / Equipment Identification

Primary Equipment:
HNGS Sonde HNGS – BA 194

Auxiliary Equipment:
HNGH – A 115

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)						
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)						
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

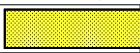


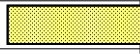


Enhanced DTS Cartridge Wellsite Calibration

EDTC Accelerometer Calibration

Phase	EDTC Z-Axis Acceleration M/S2	Value
Before		9.852
	9.610 (Minimum) 9.810 (Nominal) 10.01 (Maximum)	
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

DSI Sonic Imager
Stoneley