

Schlumberger

Company: Lamont Doherty

Well: Expedition 330 Site U1376A

Field: Louisville Seamounts

Rig: JOIDES Resolution **Ocean:** Pacific

Run 1 Run 2 Run 3

Rig: JOIDES Resolution Field: Louisville Seamounts Location: Latitude: S 32.2165 Deg Well: Expedition 330 Site U1376A Company: Lamont Doherty	<p style="margin: 0;">Dipole Shear Sonic</p> <p style="margin: 0;">P&S, Upper Dipole Shear</p> <p style="margin: 0;">Natural Gamma Ray</p>										
LOCATION	<table style="width: 100%; border: none;"> <tr> <td style="border: none;">Latitude: S 32.2165 Deg</td> <td style="border: none;">Elev.: K.B. -1514.00 m</td> </tr> <tr> <td style="border: none;">Longitude: W 171.88067 Deg</td> <td style="border: none;">G.L. 0.00 m</td> </tr> <tr> <td style="border: none;">Permanent Datum: <u>Sea Floor</u></td> <td style="border: none;">Elev.: <u>0.00 m</u></td> </tr> <tr> <td style="border: none;">Log Measured From: <u>Sea Floor</u></td> <td style="border: none;">-1514.00 m above Perm. Datum</td> </tr> <tr> <td style="border: none;">Drilling Measured From: <u>Sea Floor</u></td> <td style="border: none;"></td> </tr> </table>	Latitude: S 32.2165 Deg	Elev.: K.B. -1514.00 m	Longitude: W 171.88067 Deg	G.L. 0.00 m	Permanent Datum: <u>Sea Floor</u>	Elev.: <u>0.00 m</u>	Log Measured From: <u>Sea Floor</u>	-1514.00 m above Perm. Datum	Drilling Measured From: <u>Sea Floor</u>	
Latitude: S 32.2165 Deg	Elev.: K.B. -1514.00 m										
Longitude: W 171.88067 Deg	G.L. 0.00 m										
Permanent Datum: <u>Sea Floor</u>	Elev.: <u>0.00 m</u>										
Log Measured From: <u>Sea Floor</u>	-1514.00 m above Perm. Datum										
Drilling Measured From: <u>Sea Floor</u>											
	API Serial No.	Max. Hole Devi. 0 deg	Longitude W 171.88*	Latitude S 32.21 *							

Logging Date	3-Feb-2011		
Run Number	1		
Depth Driller	183 m		
Schlumberger Depth	182 m		
Bottom Log Interval	162 m		
Top Log Interval	0 m		
Casing Driller Size @ Depth	4.500 in	@	80 m
Casing Schlumberger	80 m		
Bit Size	9.875 in		
Type Fluid In Hole	Seawater		
MUD	Density	Viscosity	1.258 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	@ 6	@ 6
Maximum Recorded Temperatures			
Circulation Stopped	Time	1-Feb-2011	0:00
Logger On Bottom	Time	3-Feb-2011	1:34
Unit Number	Location	625003	Houston
Recorded By		K. Swain	
Witnessed By		L. Anderson, S. Ehmann	

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				

DISCLAIMER
 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.

OTHER SERVICES1
 OS1: DITE/HLDS
 OS2: FMS/DSI
 OS3: HNGS
 OS4: GBM
 OS5:

OTHER SERVICES2
 OS1:
 OS2:
 OS3:
 OS4:
 OS5:

REMARKS: RUN NUMBER 1
 Depths originally recorded from drill floor as main depth reference. Log files were played back with offset of -1514m to force sea floor as the new reference. This log references seafloor at 0m. Td of hole at 183m (driller), 181m (log). Tools run inside drill pipe and drill collars 9 7/8" bs. Bit released prior to logging. Active Heave Compensator used on all logs. MCD centralizers run with DSI to provide centering.

REMARKS: RUN NUMBER 2

RUN 1		
LOGGED INTERVAL	START	STOP

RUN 2		
LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION




RUN 1

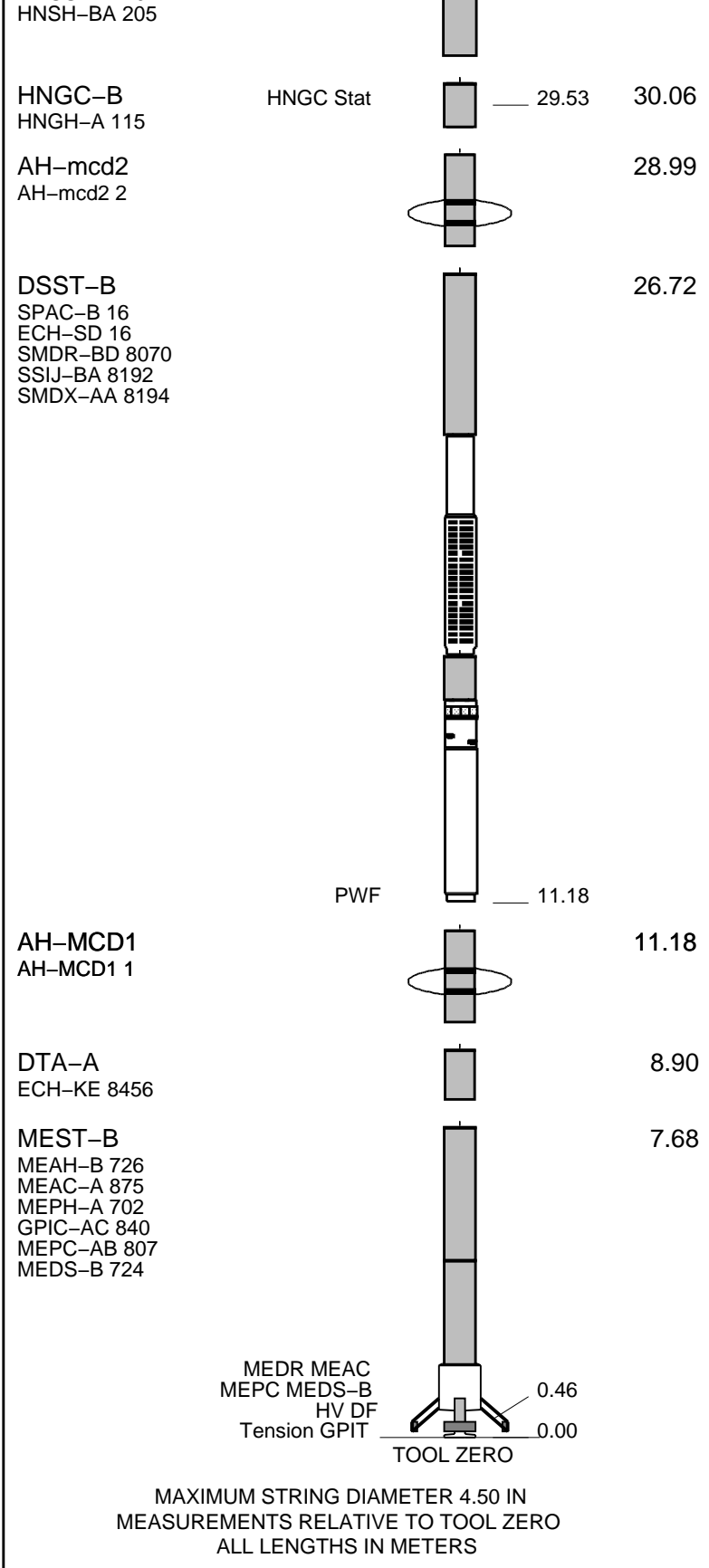
SURFACE EQUIPMENT

GSR-U 616008
 WITM (DTS)-A

RUN 2

DOWNHOLE EQUIPMENT

LEH-QT LEH-QT 301			34.36
DTC-H ECH-KC 1777	CTEM TelStatus ToolStatu		33.47
HNGS-BA HNGS-BA 194	Upper_1 Lower_2		32.56

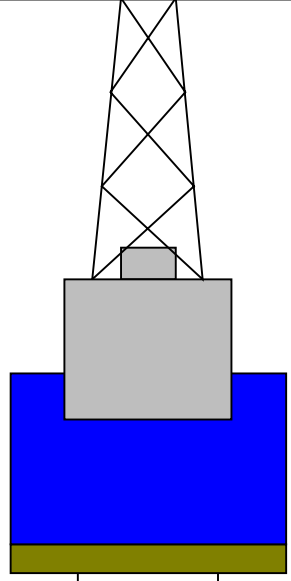


Production String	(in)	(M)	Well Schematic	(M)	(in)	Casing String
	OD	ID		MD	MD	

Kelly Bushing Elevation
Derrick Floor Elevation

Mean Sea Level

-1514
-1514
-1508



4.1



0
80
182

4.1
9.875

Sea Floor
Open Hole
Total Depth

Company: Lamont Doherty

Well: Expedition 330 Site U1376A

Input DLIS Files

DEFAULT	FMS_DSI_NGS_032PUP	FN:48	PRODUCER	03-Feb-2011 08:31	1693.9 M	1478.4 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_054PUP	FN:12	PRODUCER	11-Feb-2011 12:31	179.8 M	-35.5 M
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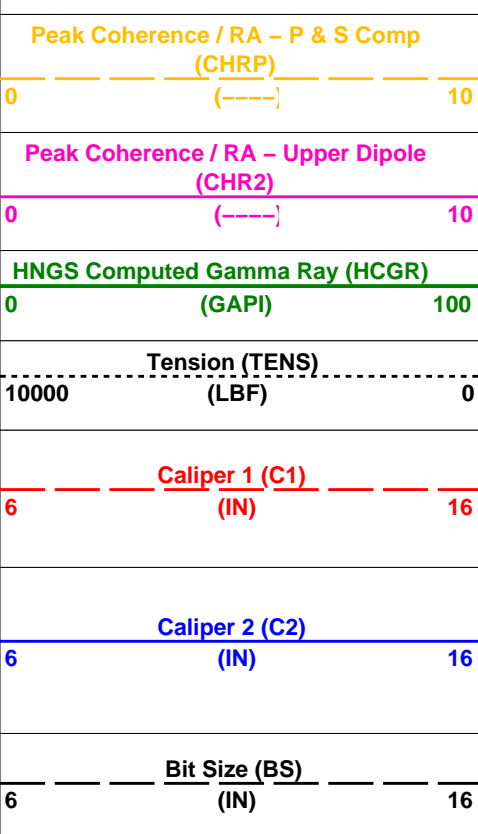
OP System Version: 17C0-154

MEST-B	SRPC-3971-Q1_2010_OP17	DTA-A	17C0-154
DSST-B	17C0-154	HNGC-B	SPC-3961-OP17_NUCL
HNGS-BA	SPC-3961-OP17_NUCL	DTC-H	17C0-154

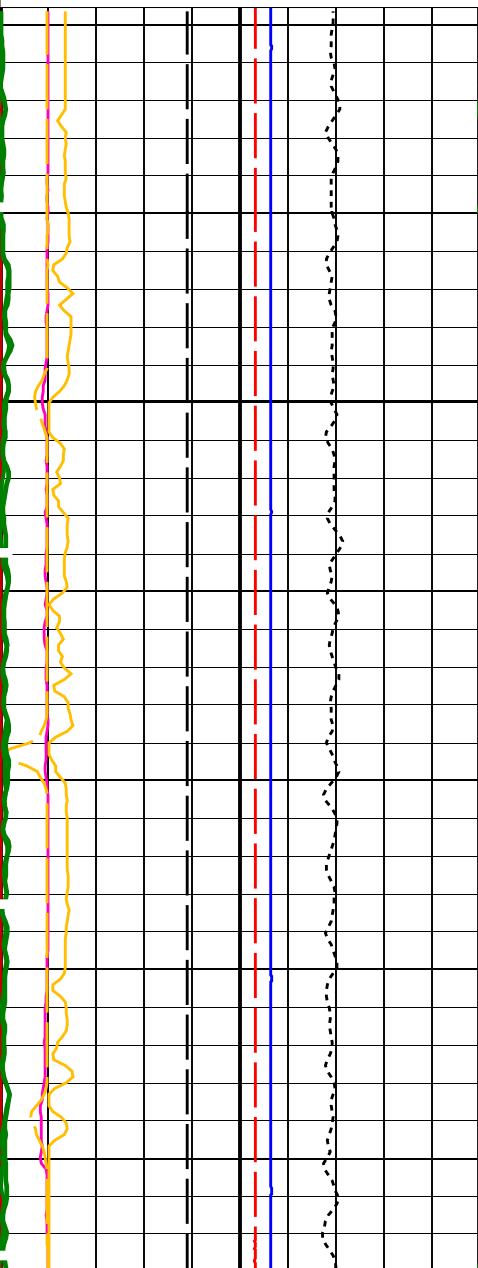
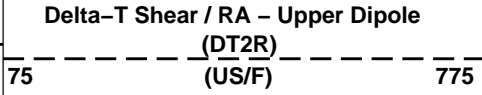
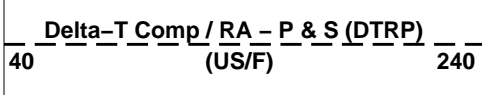
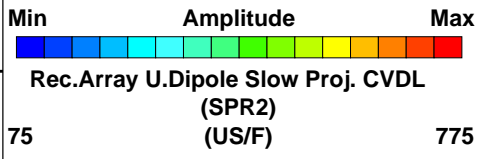
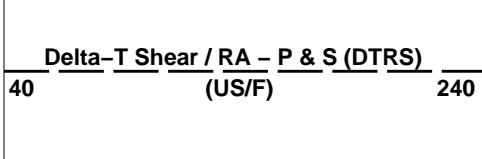
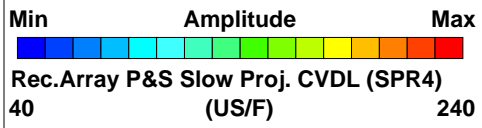
PIP SUMMARY

Time Mark Every 60 S

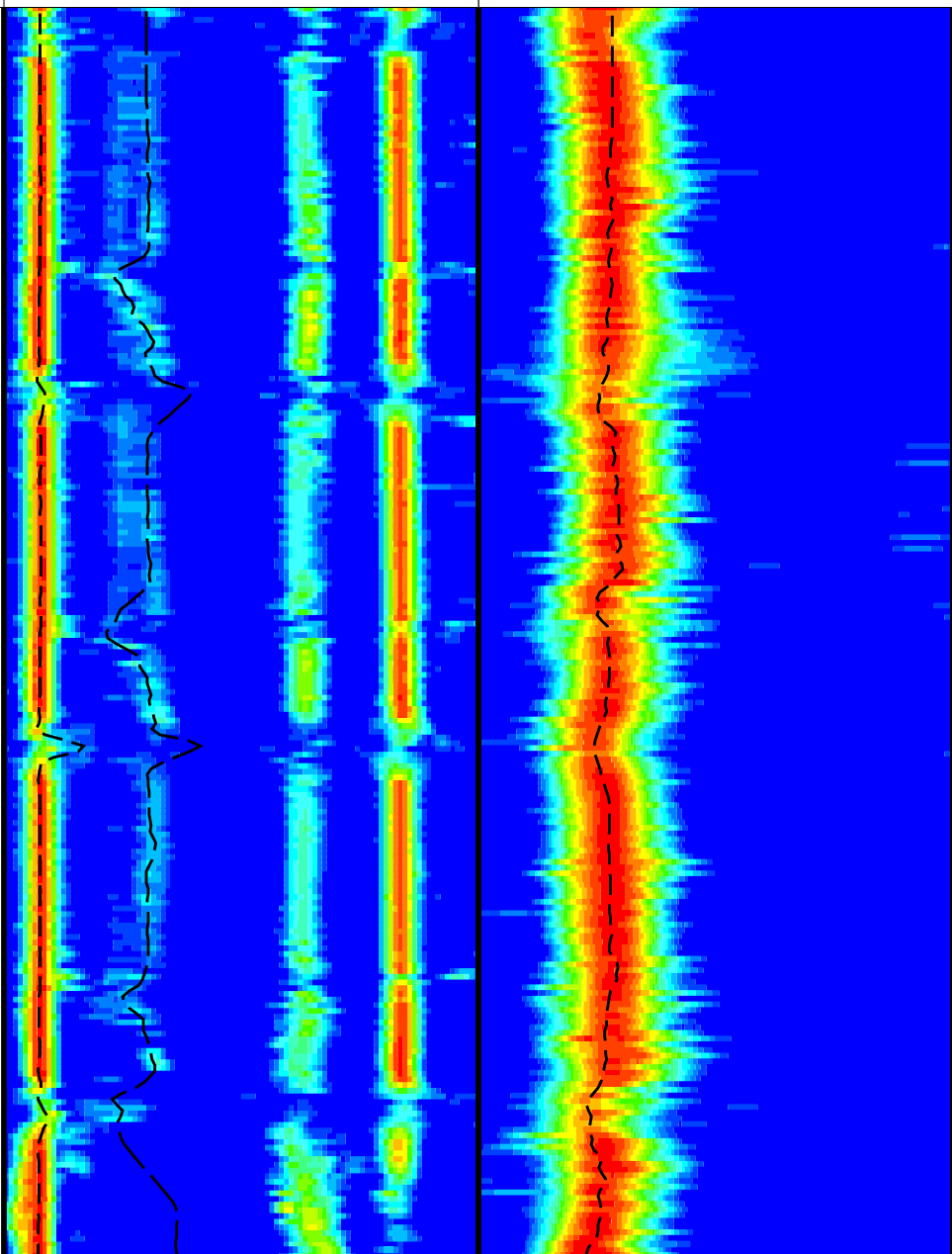
HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	100
Waveform Data Copy Indicator 4 - Monopole P&S (WCI4)		
0	(----)	10
Peak Coherence / RA - P & S Shear (CHRS)		
-1	(----)	9

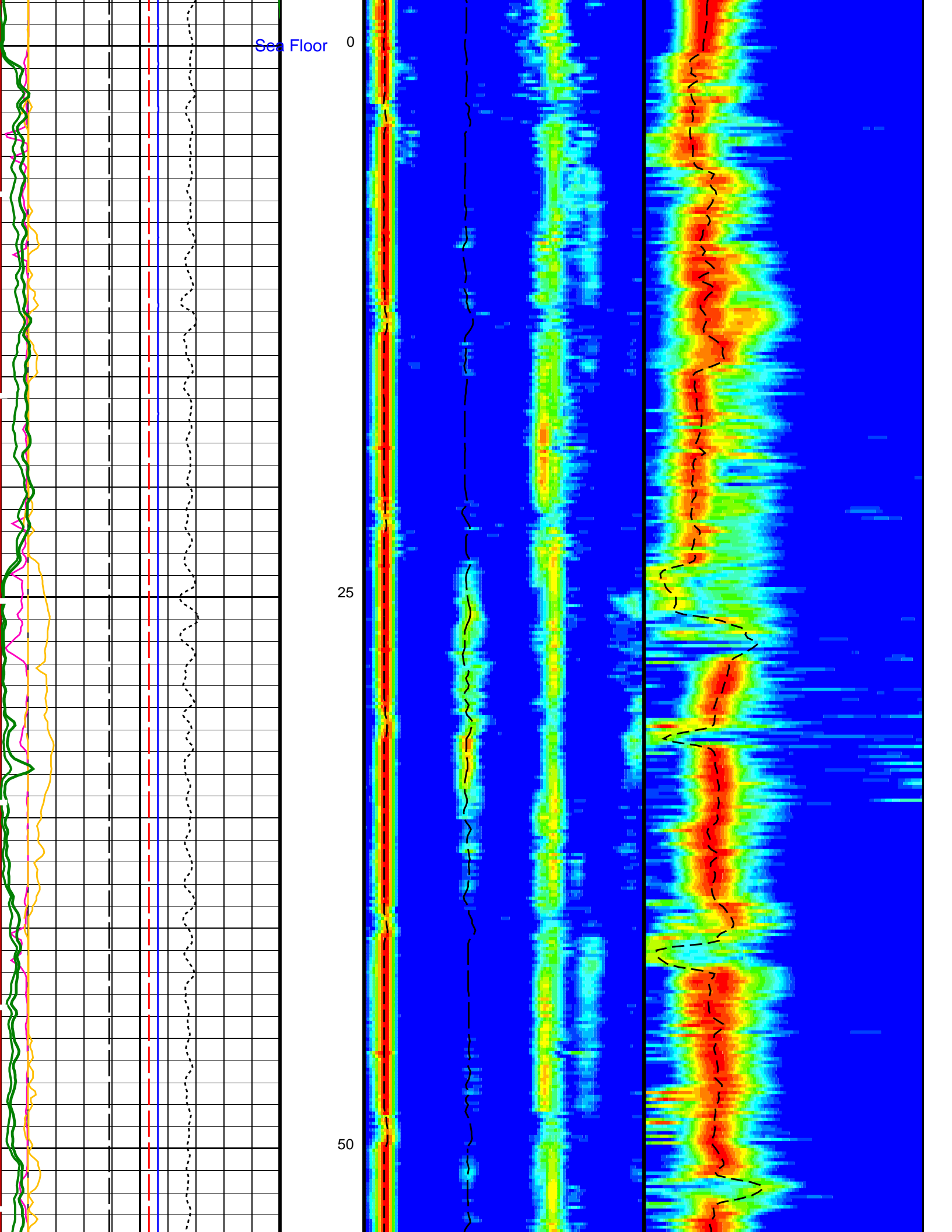


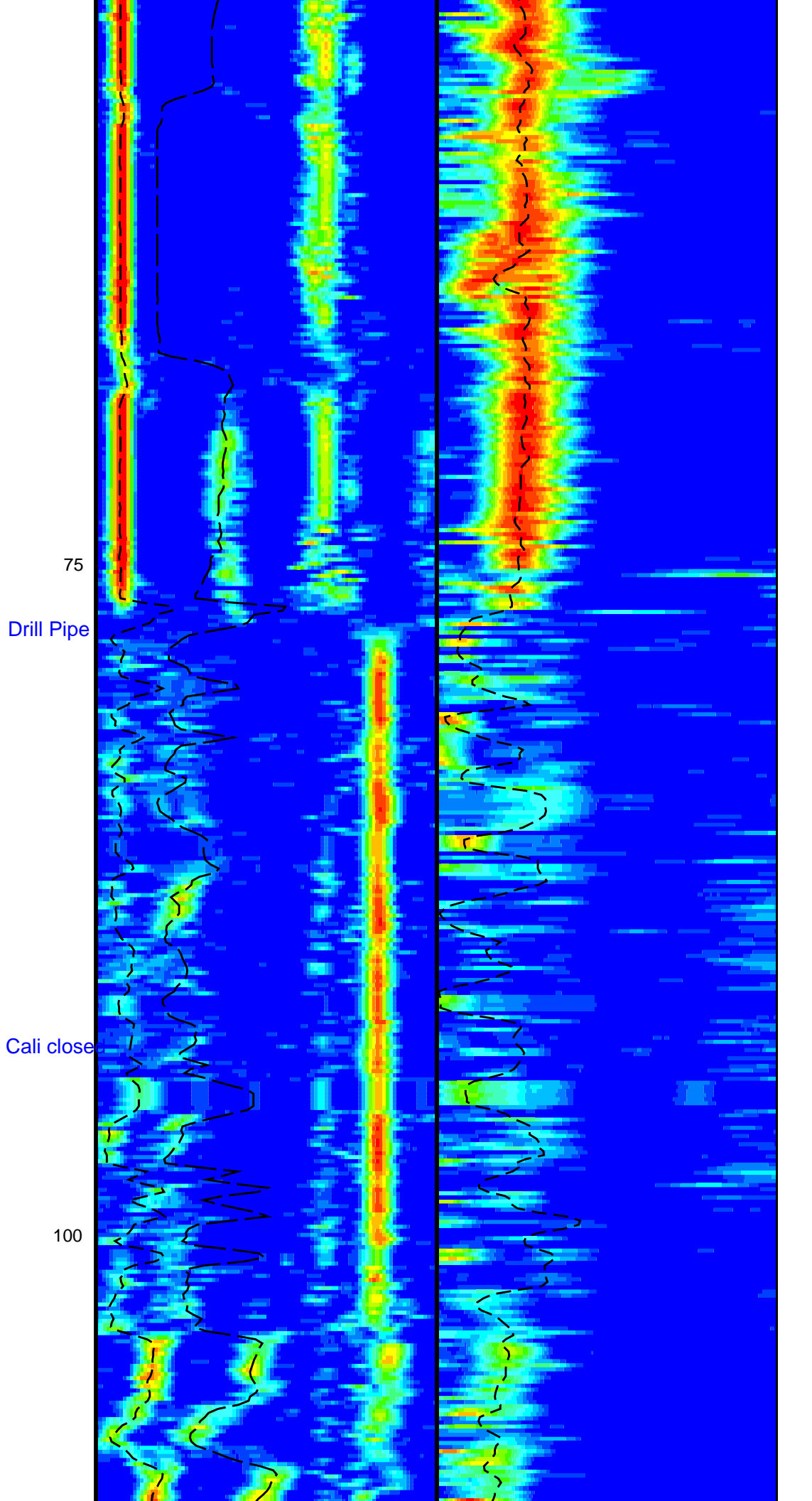
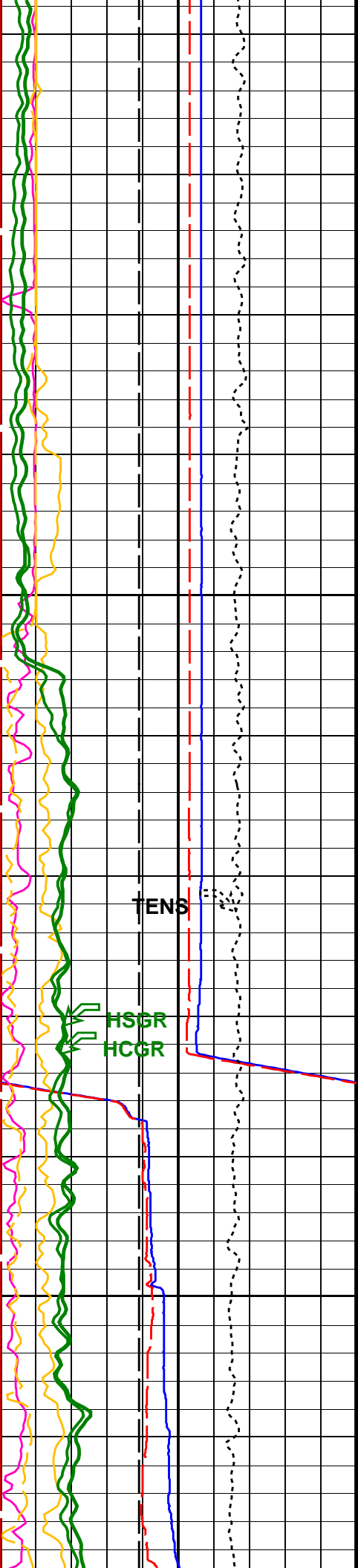
Uplong 2

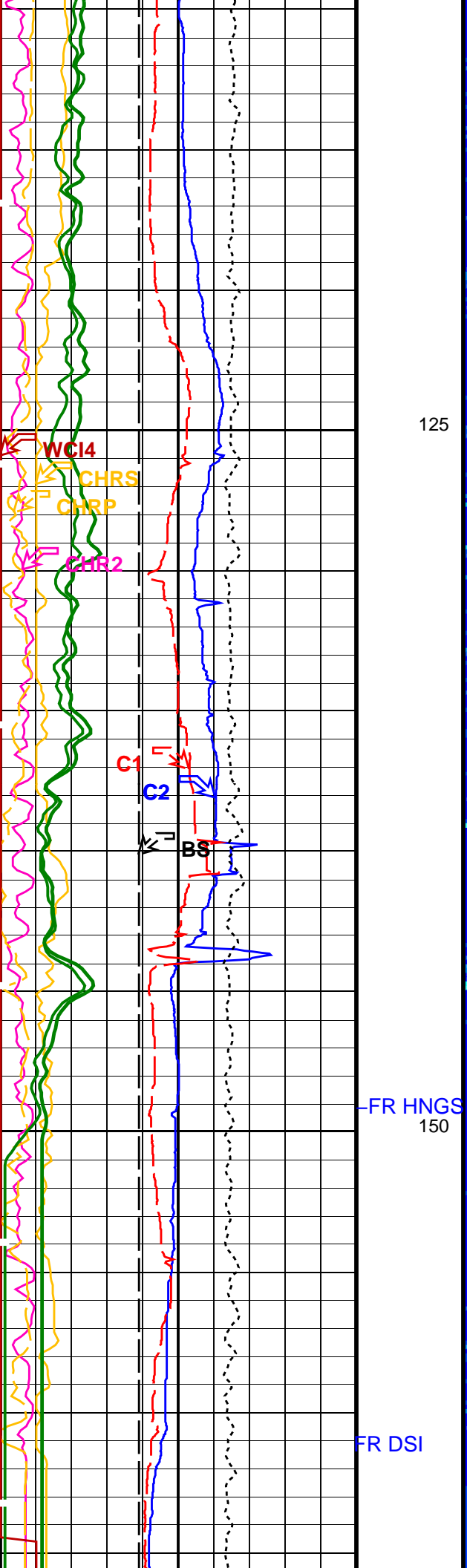


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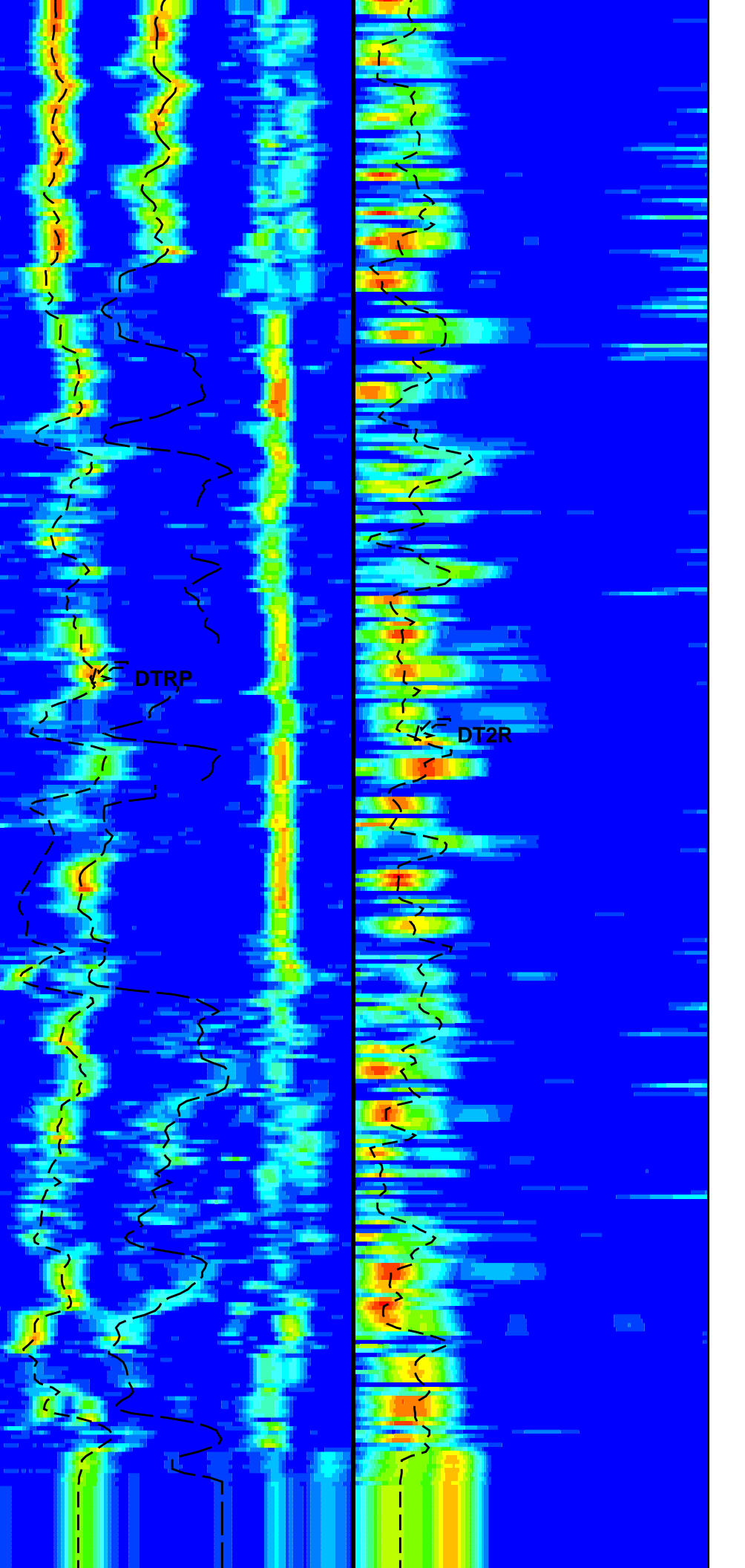






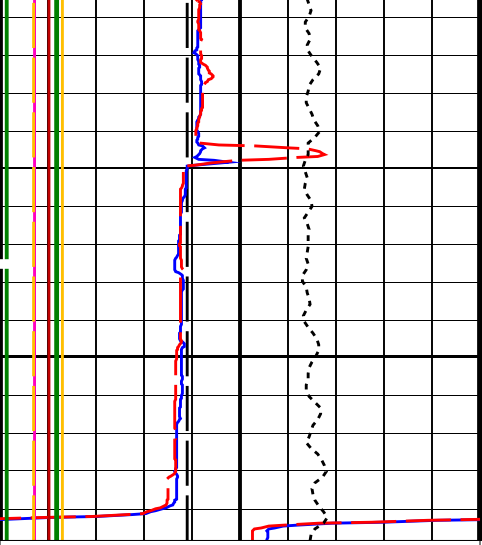


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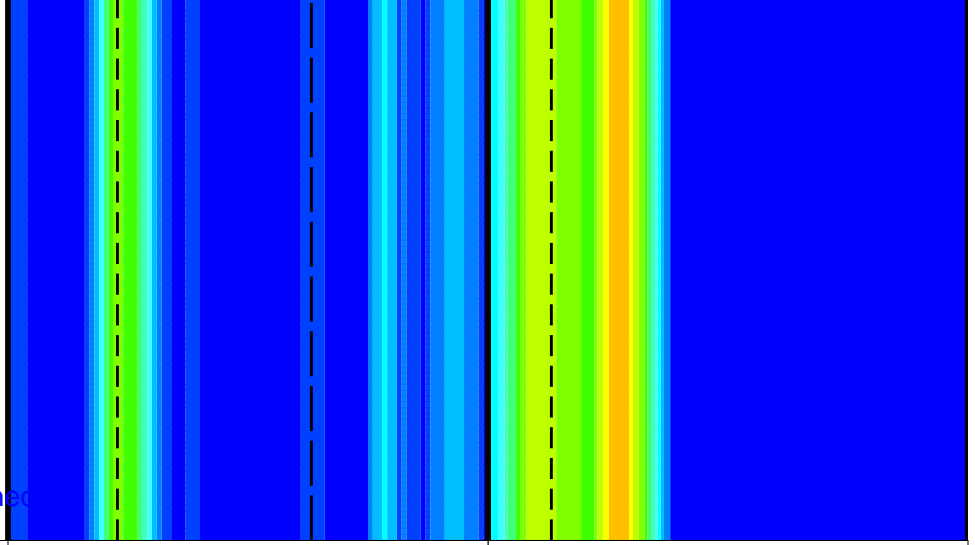
DTRP

DT2R



175

Cali Open TD



6	Bit Size (BS) (IN)	16
6	Caliper 2 (C2) (IN)	16
6	Caliper 1 (C1) (IN)	16
10000	Tension (TENS) (LBF)	0
0	HNGS Computed Gamma Ray (HCGR) (GAPI)	100
0	Peak Coherence / RA - Upper Dipole (CHR2) (----)	10
0	Peak Coherence / RA - P & S Comp (CHRP) (----)	10
-1	Peak Coherence / RA - P & S Shear (CHRS) (----)	9
0	Waveform Data Copy Indicator 4 - Monopole P&S (WCI4) (----)	10
0	HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)	100

40	Delta-T Comp / RA - P & S (DTRP) (US/F)	240
40	Delta-T Shear / RA - P & S (DTRS) (US/F)	240
40	Rec.Array P&S Slow Proj. CVDL (SPR4) (US/F)	240

75	Delta-T Shear / RA - Upper Dipole (DT2R) (US/F)	775
75	Rec.Array U.Dipole Slow Proj. CVDL (SPR2) (US/F)	775

Uplog 2

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DSST-B: Dipole Shear Imager - B		
BHS	Borehole Status	OPEN
CASF	Label Casing Function - Monopole P&S	50
COLL	Label Slowness Lower Limit - Monopole P&S Compressional	40 US/F
COUL	Label Slowness Upper Limit - Monopole P&S Compressional	180 US/F
DDE2	Digitizing Delay 2	0 US
DDE4	Digitizing Delay 4	0 US

DDE4	Digitizing Delay 4	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	75	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	775	US/F
DSI2	Digitizer Sample Interval 2	40	US
DSI4	Digitizer Sample Interval 4	10	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta–T Source for DTCO Channel	PS_COMP	
DTF	Delta–T Fluid	204.5	US/F
DWC2	Digitizer Word Count 2	512	
DWC4	Digitizer Word Count 4	512	
DWCX	Digitizer Word Count X	512	
FILG	Label Fill Gap Control – Monopole P&S	COMP_SHEAR	
GCSE	Generalized Caliper Selection	BS	
LFC	Label Formation Character – Monopole P&S	DYNAMIC	
MCS	Mean Casing Slowness	57	US/F
MTXG	Monopole Transmitter Geometry	186	IN
NWI2	Number Waveform Items 2	8	
NWI4	Number Waveform Items 4	8	
NWIX	Number Waveform Items X	0	
RSMN	Label Shear/Compressional Minimum Ratio – Monopole P&S	1.4	
RSMX	Label Shear/Compressional Maximum Ratio – Monopole P&S	2.12	
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
SAM2	DSST Sonic Acquisition Mode 2 – Upper Dipole Mode	ODD	
SAM4	DSST Sonic Acquisition Mode 4 – High Frequency Monopole Mode for P&S		
		EVEN	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
		255	
SAS2	STC Sonic Array Status – Upper Dipole	255	
SAS4	STC Sonic Array Status – Monopole P&S	255	
SBO2	STC Search Band Offset – Upper Dipole	3000	US
SBO4	STC Search Band Offset – Monopole P&S	500	US
SBR4	STC Baseline Removal – Monopole P&S	ON	
SBW2	STC Search Bandwidth – Upper Dipole	8000	US
SBW4	STC Search Bandwidth – Monopole P&S	2000	US
SFC2	STC Formation Character – Upper Dipole	SELECTABLE	
SFC4	STC Formation Character – Monopole P&S	SELECTABLE	
SFM2	STC Filter – Upper Dipole	B1–2K	
SFM4	STC Filter – Monopole P&S	B3–20K	
SHLL	Label Slowness Lower Limit – Monopole P&S Shear	75	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	180	US/F
SLL2	STC Slowness Lower Limit – Upper Dipole	75	US/F
SLL4	STC Slowness Lower Limit – Monopole P&S	40	US/F
SST2	STC Slowness Step – Upper Dipole	4	US/F
SST4	STC Slowness Step – Monopole P&S	2	US/F
SSW2	STC Source Waveform – Upper Dipole	WF_SAM2	
SSW4	STC Source Waveform – Monopole P&S	WF_SAM4	
STLL	Label Slowness Lower Limit – Monopole Stoneley	180	US/F
STUL	Label Slowness Upper Limit – Monopole Stoneley	780	US/F
SUL2	STC Slowness Upper Limit – Upper Dipole	775	US/F
SUL4	STC Slowness Upper Limit – Monopole P&S	240	US/F
SWD2	STC Slowness Width – Upper Dipole	40	US/F
SWD4	STC Slowness Width – Monopole P&S	10	US/F
TBF2	STC Time for Baseline Fill – Upper Dipole	0	US
TBF4	STC Time for Baseline Fill – Monopole P&S	300	US
TLL2	STC Time Lower Limit – Upper Dipole	600	US
TLL4	STC Time Lower Limit – Monopole P&S	150	US
TST2	STC Time Step – Upper Dipole	200	US
TST4	STC Time Step – Monopole P&S	50	US
TUL2	STC Time Upper Limit – Upper Dipole	15525	US
TUL4	STC Time Upper Limit – Monopole P&S	3660	US
TWD2	STC Time Width – Upper Dipole	2000	US
TWD4	STC Time Width – Monopole P&S	1000	US
TWI2	STC Integration Time Window – Upper Dipole	1600	US
TWI4	STC Integration Time Window – Monopole P&S	500	US
TWSX	Transmitter Waveform Select X	0	
UTXG	Upper Dipole Transmitter Geometry	162	IN
WFM4	Waveform Mode 4	W1	
	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	-0.00357365	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
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	0.971763	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.901806	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.26	G/C3
DO	Depth Offset for Playback	-1514.0	M
PP	Playback Processing	NORMAL	

Format: DSST_P_S_UPPER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 11-Feb-2011 12:31

OP System Version: 17C0-154

MEST-B	SRPC-3971-Q1_2010_OP17	DTA-A	17C0-154
DSST-B	17C0-154	HNGC-B	SPC-3961-OP17_NUCL
HNGS-BA	SPC-3961-OP17_NUCL	DTC-H	17C0-154

Input DLIS Files

DEFAULT	FMS_DSI_NGS_032PUP	FN:48	PRODUCER	03-Feb-2011 08:31	1693.9 M	1478.4 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_054PUP	FN:12	PRODUCER	11-Feb-2011 12:31		
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Company: Lamont Doherty

Well: Expedition 330 Site U1376A

Input DLIS Files

DEFAULT	FMS_DSI_NGS_031PUP	FN:47	PRODUCER	03-Feb-2011 08:24	1693.9 M	1583.7 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_053PUP	FN:11	PRODUCER	11-Feb-2011 12:21	179.8 M	69.8 M
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OP System Version: 17C0-154

MEST-B	SRPC-3971-Q1_2010_OP17	DTA-A	17C0-154
DSST-B	17C0-154	HNGC-B	SPC-3961-OP17_NUCL
HNGS-BA	SPC-3961-OP17_NUCL	DTC-H	17C0-154

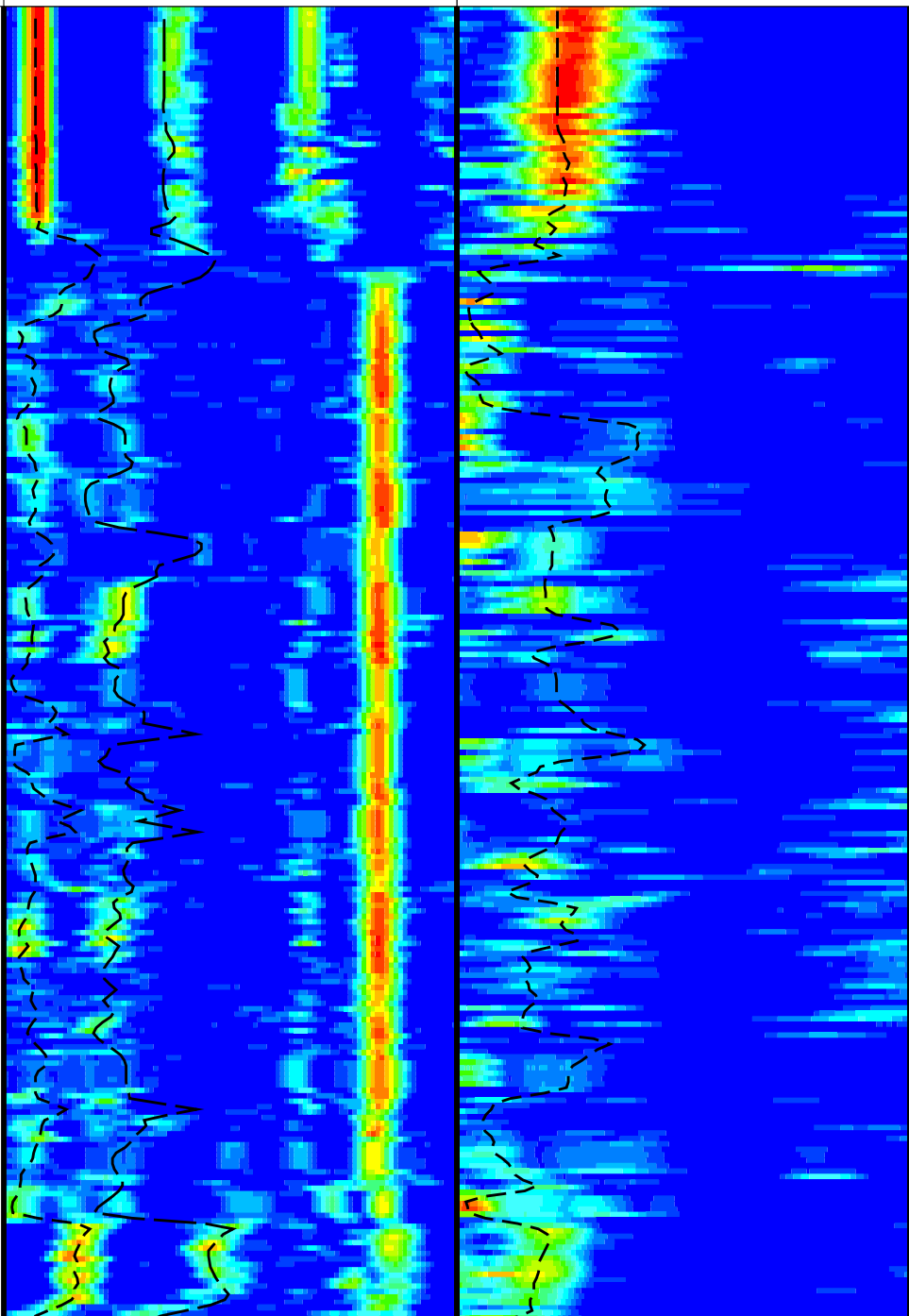
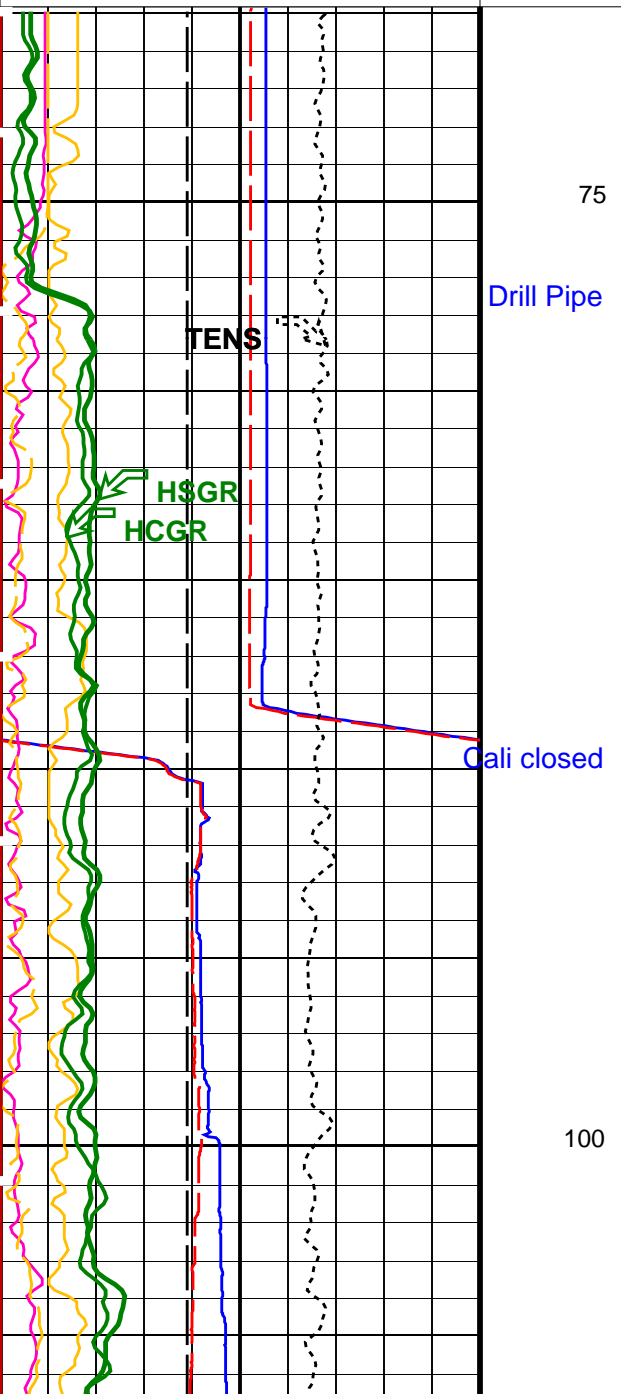
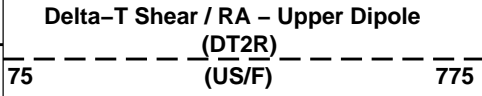
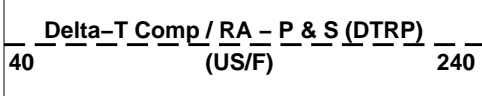
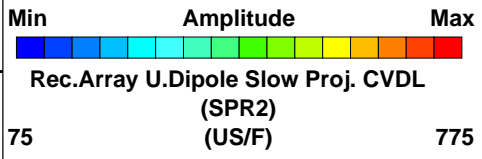
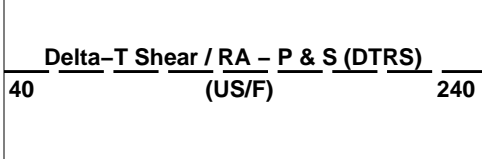
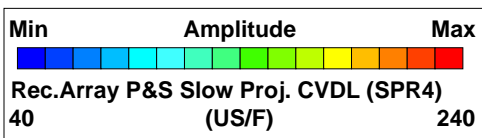
PIP SUMMARY

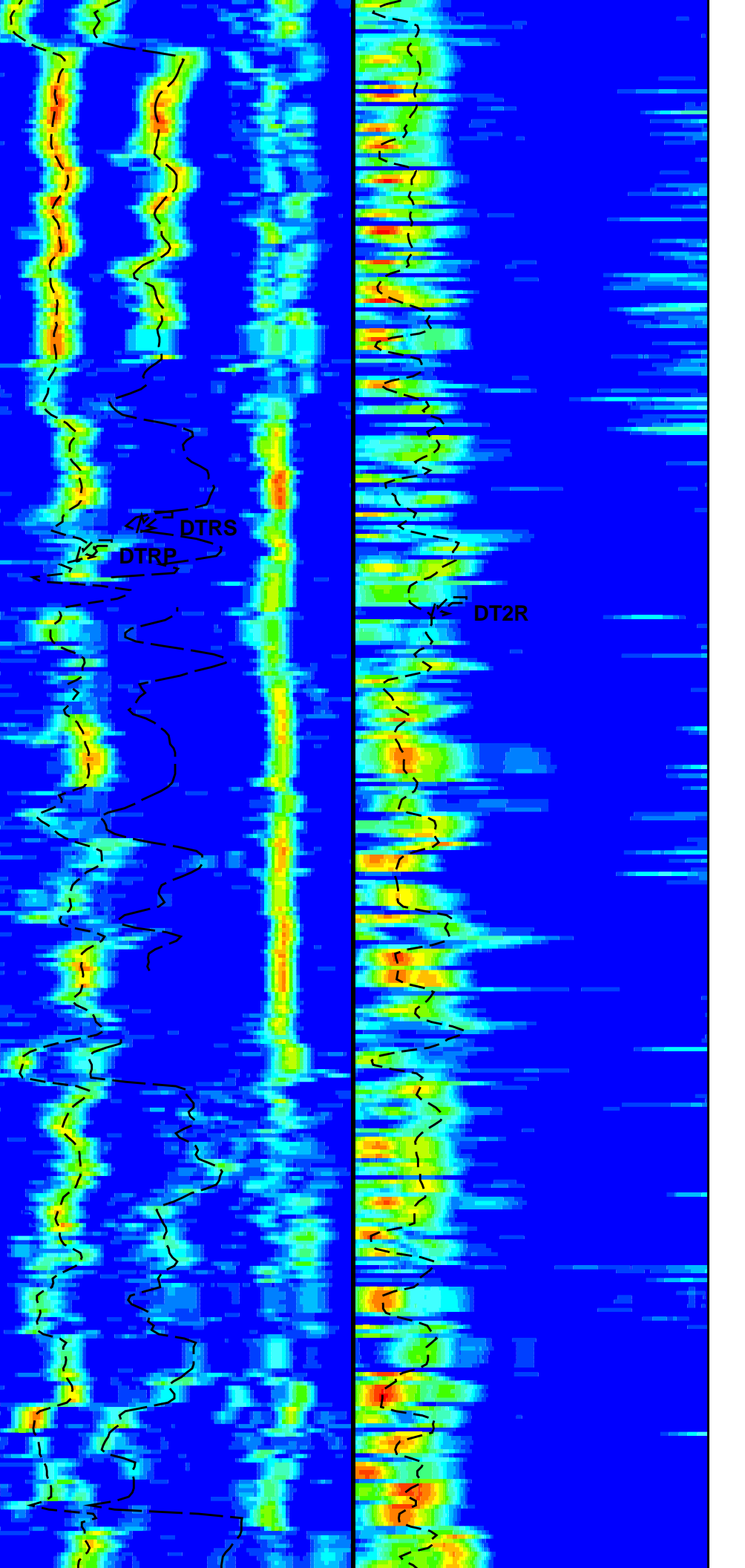
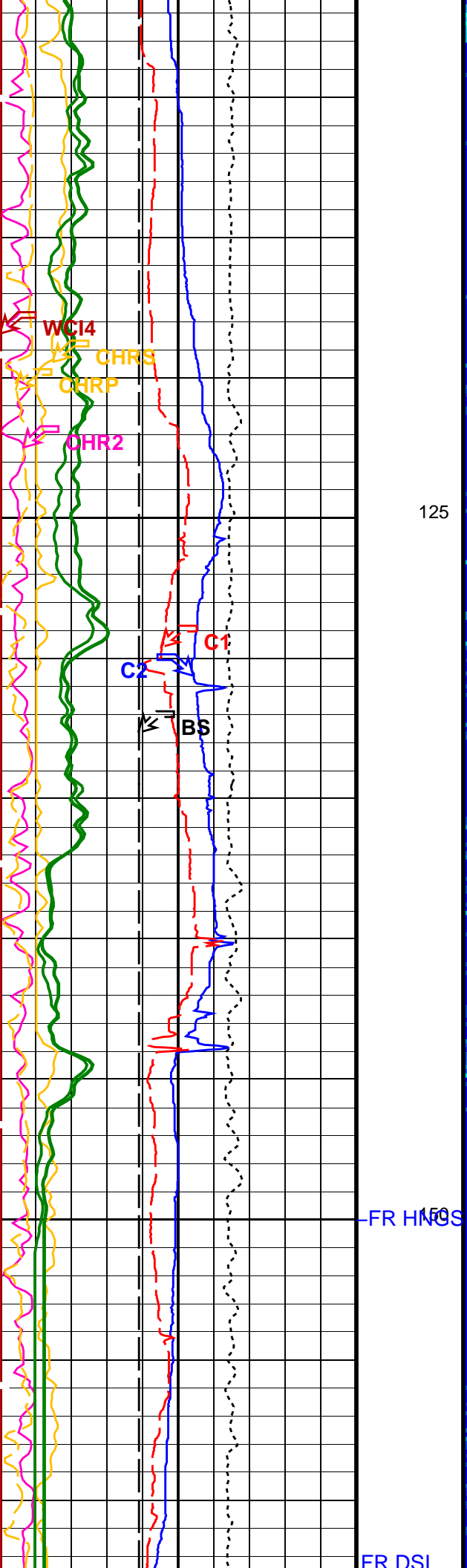
Time Mark Every 60 S

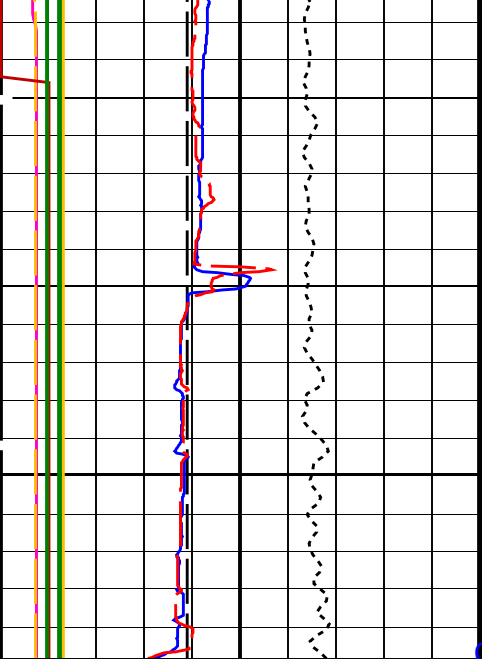
HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	100
Waveform Data Copy Indicator 4 - Monopole P&S (WCI4)		
0	(----)	10
Peak Coherence / RA - P & S Shear (CHRS)		
-1	(----)	9
Peak Coherence / RA - P & S Comp (CHRP)		
0	(----)	10

Peak Coherence / RA - Upper Dipole (CHR2)		
0	(----)	10
HNGS Computed Gamma Ray (HCGR)		
0	(GAPI)	100
Tension (TENS)		
10000	(LBF)	0
Caliper 1 (C1)		
6	(IN)	16
Caliper 2 (C2)		
6	(IN)	16
Bit Size (BS)		
6	(IN)	16

Uplog 1

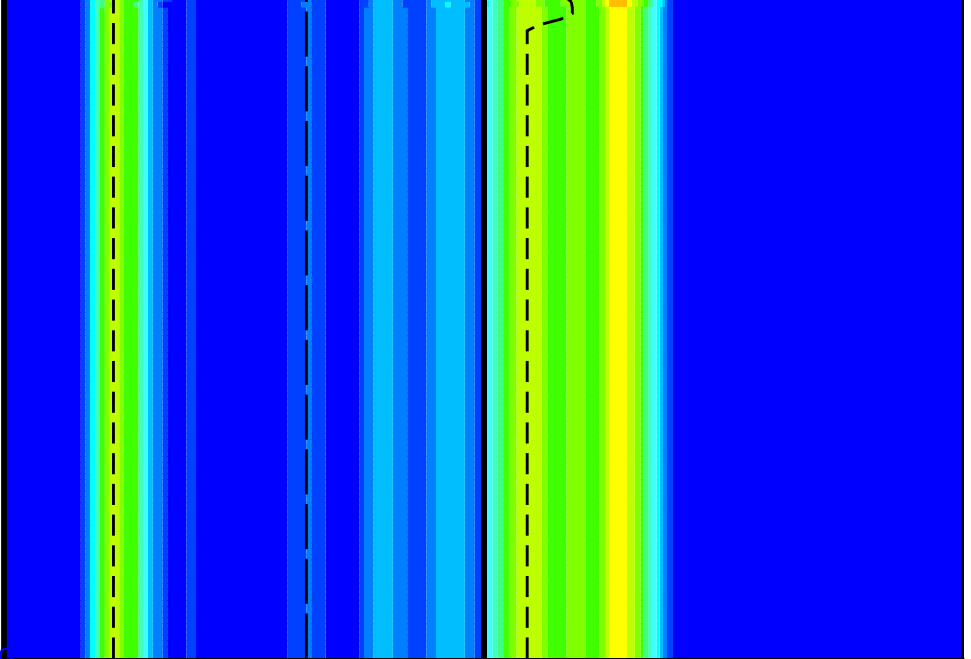






175

Caliper Opened



6	Bit Size (BS) (IN)	16
6	Caliper 2 (C2) (IN)	16
6	Caliper 1 (C1) (IN)	16
10000	Tension (TENS) (LBF)	0
0	HNGS Computed Gamma Ray (HCGR) (GAPI)	100
0	Peak Coherence / RA - Upper Dipole (CHR2) (----)	10
0	Peak Coherence / RA - P & S Comp (CHRP) (----)	10
-1	Peak Coherence / RA - P & S Shear (CHRS) (----)	9
0	Waveform Data Copy Indicator 4 - Monopole P&S (WCI4) (----)	10
0	HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)	100

40	Delta-T Comp / RA - P & S (DTRP) (US/F)	240
40	Delta-T Shear / RA - P & S (DTRS) (US/F)	240
Min	Amplitude	Max
40	Rec.Array P&S Slow Proj. CVDL (SPR4) (US/F)	240

75	Delta-T Shear / RA - Upper Dipole (DT2R) (US/F)	775
Min	Amplitude	Max
75	Rec.Array U.Dipole Slow Proj. CVDL (SPR2) (US/F)	775

Uplog 1

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
BHS DSST-B:	Dipole Shear Imager - B Borehole Status	OPEN

CAS	Borehole Status		
CAS	Label Casing Function – Monopole P&S	50	
COLL	Label Slowness Lower Limit – Monopole P&S Compressional	40	US/F
COUL	Label Slowness Upper Limit – Monopole P&S Compressional	180	US/F
DDE2	Digitizing Delay 2	0	US
DDE4	Digitizing Delay 4	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	75	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	775	US/F
DSI2	Digitizer Sample Interval 2	40	US
DSI4	Digitizer Sample Interval 4	10	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta–T Source for DTCO Channel	PS_COMP	
DTF	Delta–T Fluid	204.5	US/F
DWC2	Digitizer Word Count 2	512	
DWC4	Digitizer Word Count 4	512	
DWCX	Digitizer Word Count X	512	
FILG	Label Fill Gap Control – Monopole P&S	COMP_SHEAR	
GCSE	Generalized Caliper Selection	BS	
LFC	Label Formation Character – Monopole P&S	DYNAMIC	
MCS	Mean Casing Slowness	57	US/F
MTXG	Monopole Transmitter Geometry	186	IN
NWI2	Number Waveform Items 2	8	
NWI4	Number Waveform Items 4	8	
NWIX	Number Waveform Items X	0	
RSMN	Label Shear/Compressional Minimum Ratio – Monopole P&S	1.4	
RSMX	Label Shear/Compressional Maximum Ratio – Monopole P&S	2.12	
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
SAM2	DSST Sonic Acquisition Mode 2 – Upper Dipole Mode	ODD	
SAM4	DSST Sonic Acquisition Mode 4 – High Frequency Monopole Mode for P&S	EVEN	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS2	STC Sonic Array Status – Upper Dipole	255	
SAS4	STC Sonic Array Status – Monopole P&S	255	
SBO2	STC Search Band Offset – Upper Dipole	3000	US
SBO4	STC Search Band Offset – Monopole P&S	500	US
SBR4	STC Baseline Removal – Monopole P&S	ON	
SBW2	STC Search Bandwidth – Upper Dipole	8000	US
SBW4	STC Search Bandwidth – Monopole P&S	2000	US
SFC2	STC Formation Character – Upper Dipole	SELECTABLE	
SFC4	STC Formation Character – Monopole P&S	SELECTABLE	
SFM2	STC Filter – Upper Dipole	B1–2K	
SFM4	STC Filter – Monopole P&S	B3–20K	
SHLL	Label Slowness Lower Limit – Monopole P&S Shear	75	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	180	US/F
SLL2	STC Slowness Lower Limit – Upper Dipole	75	US/F
SLL4	STC Slowness Lower Limit – Monopole P&S	40	US/F
SST2	STC Slowness Step – Upper Dipole	4	US/F
SST4	STC Slowness Step – Monopole P&S	2	US/F
SSW2	STC Source Waveform – Upper Dipole	WF_SAM2	
SSW4	STC Source Waveform – Monopole P&S	WF_SAM4	
STLL	Label Slowness Lower Limit – Monopole Stoneley	180	US/F
STUL	Label Slowness Upper Limit – Monopole Stoneley	780	US/F
SUL2	STC Slowness Upper Limit – Upper Dipole	775	US/F
SUL4	STC Slowness Upper Limit – Monopole P&S	240	US/F
SWD2	STC Slowness Width – Upper Dipole	40	US/F
SWD4	STC Slowness Width – Monopole P&S	10	US/F
TBF2	STC Time for Baseline Fill – Upper Dipole	0	US
TBF4	STC Time for Baseline Fill – Monopole P&S	300	US
TLL2	STC Time Lower Limit – Upper Dipole	600	US
TLL4	STC Time Lower Limit – Monopole P&S	150	US
TST2	STC Time Step – Upper Dipole	200	US
TST4	STC Time Step – Monopole P&S	50	US
TUL2	STC Time Upper Limit – Upper Dipole	15525	US
TUL4	STC Time Upper Limit – Monopole P&S	3660	US
TWD2	STC Time Width – Upper Dipole	2000	US
TWD4	STC Time Width – Monopole P&S	1000	US
TWI2	STC Integration Time Window – Upper Dipole	1600	US
TWI4	STC Integration Time Window – Monopole P&S	500	US
TWSX	Transmitter Waveform Select X	0	
UTXG	Upper Dipole Transmitter Geometry	162	IN
WFM4	Waveform Mode 4	W1	
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	-0.00357365	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
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	0.971763	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.901806	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.26	G/C3
DO	Depth Offset for Playback	-1514.0	M
PP	Playback Processing	NORMAL	

Format: DSST_P_S_UPPER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 11-Feb-2011 12:21

OP System Version: 17C0-154

MEST-B	SRPC-3971-Q1_2010_OP17	DTA-A	17C0-154
DSST-B	17C0-154	HNGC-B	SPC-3961-OP17_NUCL
HNGS-BA	SPC-3961-OP17_NUCL	DTC-H	17C0-154

Input DLIS Files

DEFAULT	FMS_DSI_NGS_031PUP	FN:47	PRODUCER	03-Feb-2011 08:24	1693.9 M	1583.7 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_053PUP	FN:11	PRODUCER	11-Feb-2011 12:21
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Company: **Lamont Doherty**

Schlumberger

Well: **Expedition 330 Site U1376A**

Field: **Louisville Seamounts**

Rig: **JOIDES Resolution**

Ocean: **Pacific**

Dipole Shear Sonic
P&S, Upper Dipole Shear
Natural Gamma Ray