

[illegible]

DISCLAIMER

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OTHER SERVICES1

OS1: FMS

REMARKS: RUN NUMBER 1

Logs run in third hole ("C" hole) of drilling site U1353 to aid in depth correlation of core data collected in surface labs.

Average heave during the run was 0.4m: Active Heave Compensator used below 500mbrf.

TD was not reached due to hole obstruction at 342mbrf – with the pipe (bit) at 201mBRF. Sea Bed given as 96mBRF.

Hole Size input taken from HLDS Caliper.

Tools run slick in order to fit through drill pipe, as is standard practice on this project.

FMS Caliper closed at approximately 240mbrf to facilitate entry into pipe.

DSI run with MP=MF, UD=Std, and LD=LF for first pass.

DSI run with MP=Std, UD=Std, and LD=LF for second pass.


Tools unable to reenter pipe due to debris jamming centralizers -- returned to surface with pipe after fishing.

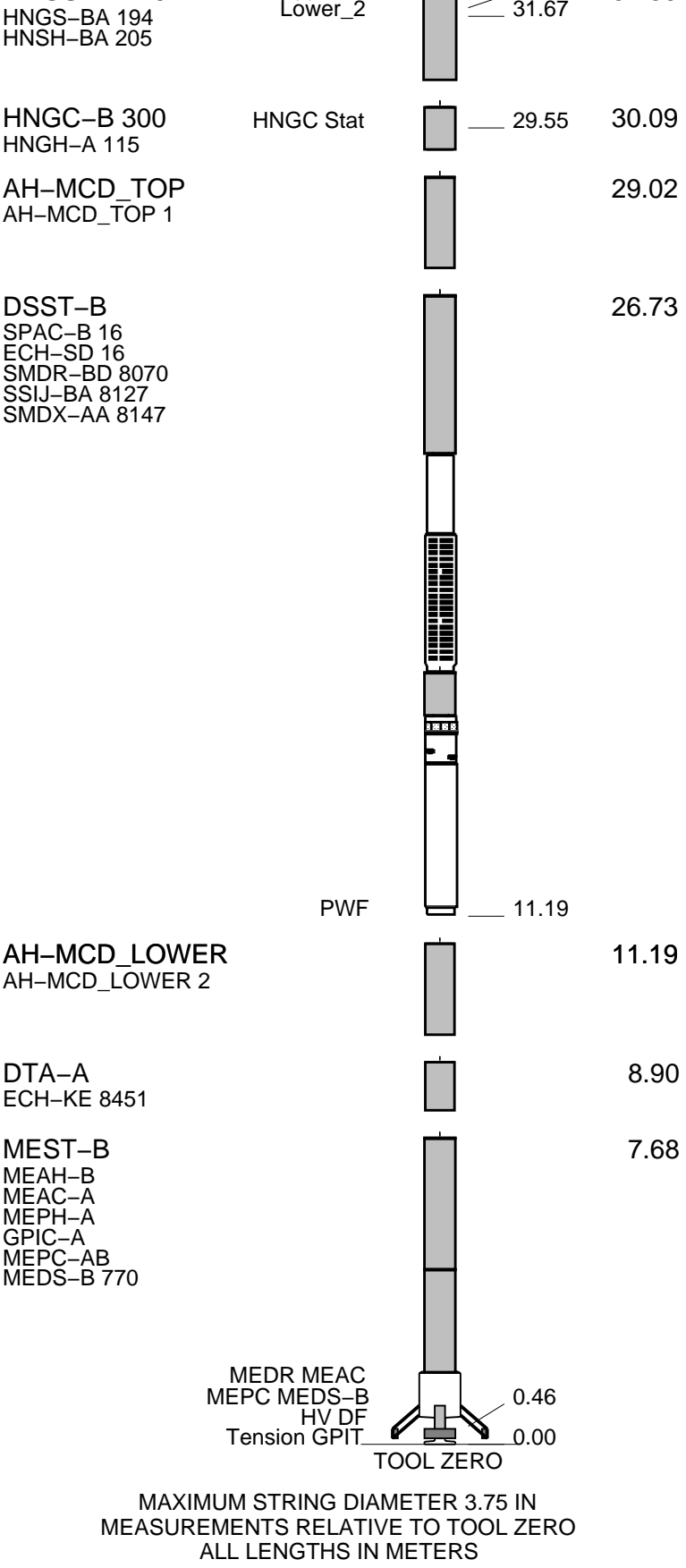
Depth "Zero" reference adjusted to Sea Bed picked by client.

Depths shown are measured depth below sea floor, as per client request.

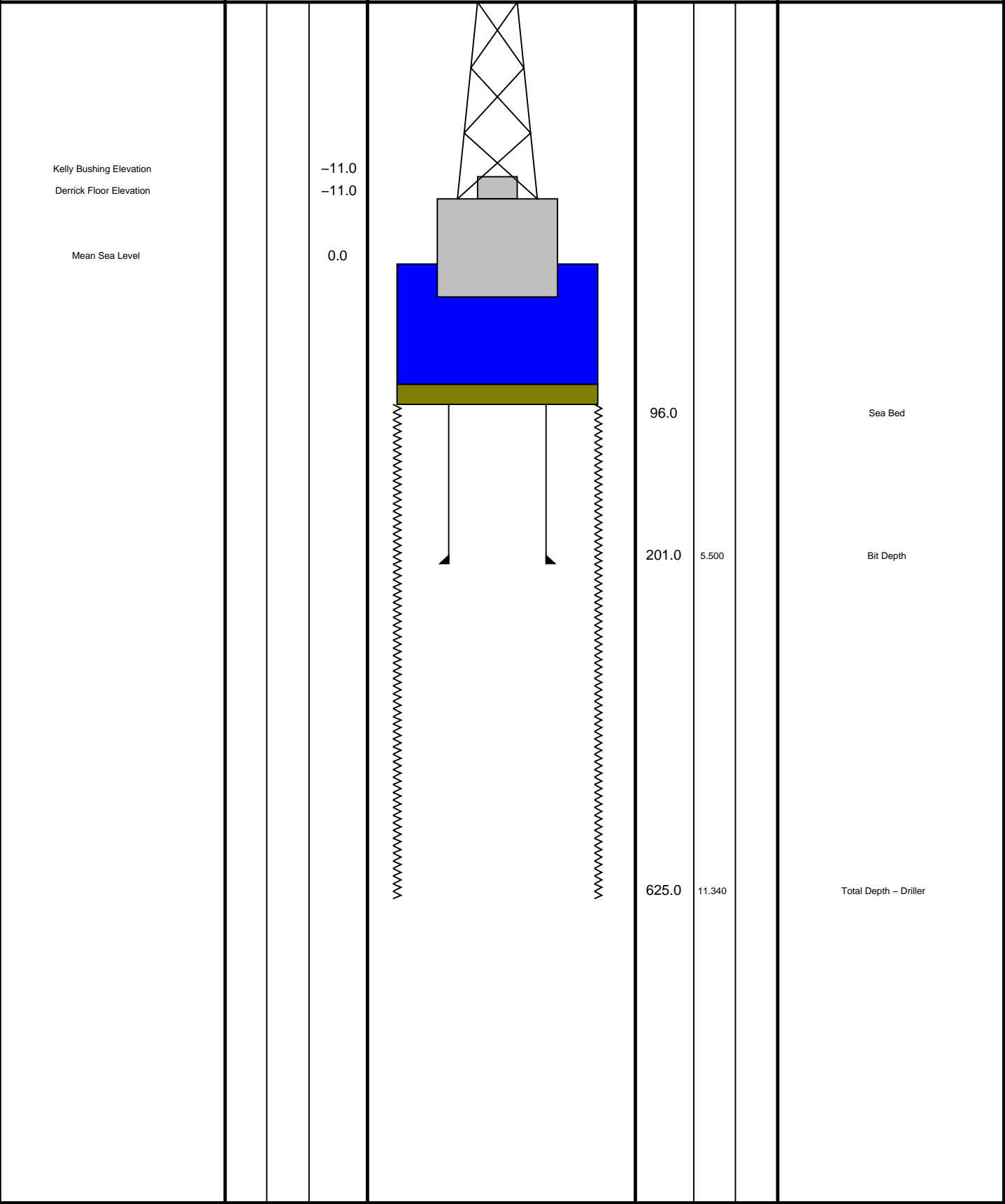
RUN 1 SERVICE ORDER #: PROGRAM VERSION: 17C0-154 FLUID LEVEL:			RUN 2 SERVICE ORDER #: PROGRAM VERSION: FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

[illegible]

RUN 1		RUN 2	
SURFACE EQUIPMENT			
GSR-U 616008 WITM (DTS)-A			
DOWNHOLE EQUIPMENT			
LEH-QT		34.39	
LEH-QT 1750			
DTC-H	CTEM	33.22	
ECH-KC 2304	TelStatus	33.50	
	ToolStatu	32.59	
HNGS-BA 194	Upper_1	31.89	32.59



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





Second Pass

MAXIS Field Log

Company: Lamont Doherty Well: Expedition 317 Site U1353C

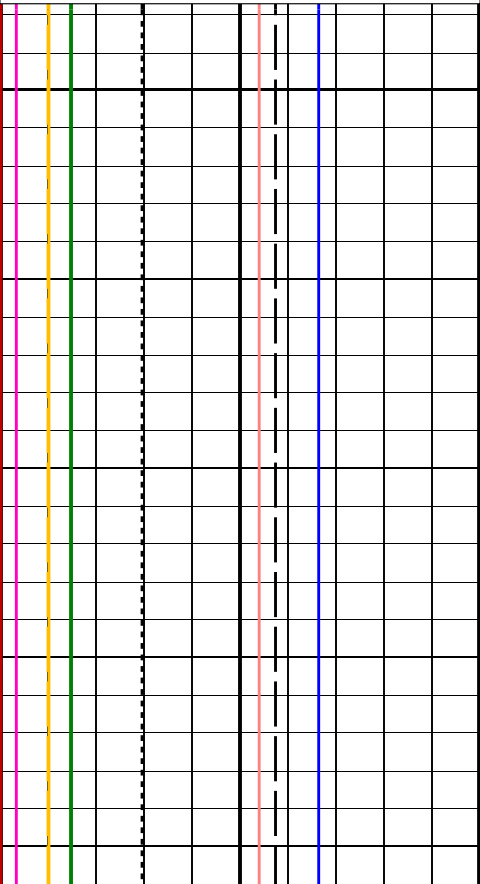
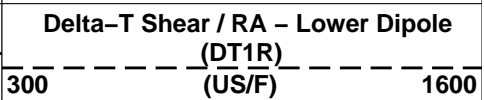
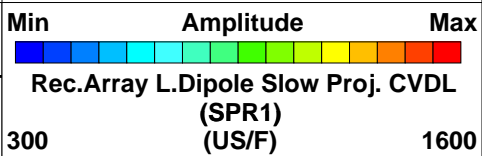
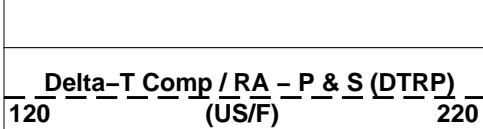
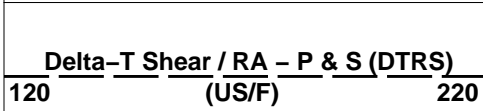
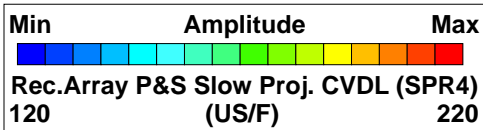
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_024LUP	FN:23	PRODUCER	28-Dec-2009 11:04	301.8 M	166.1 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_042PUP	FN:41	PRODUCER	01-Jan-2010 01:35	208.0 M	72.7 M

OP System Version: 17C0-154

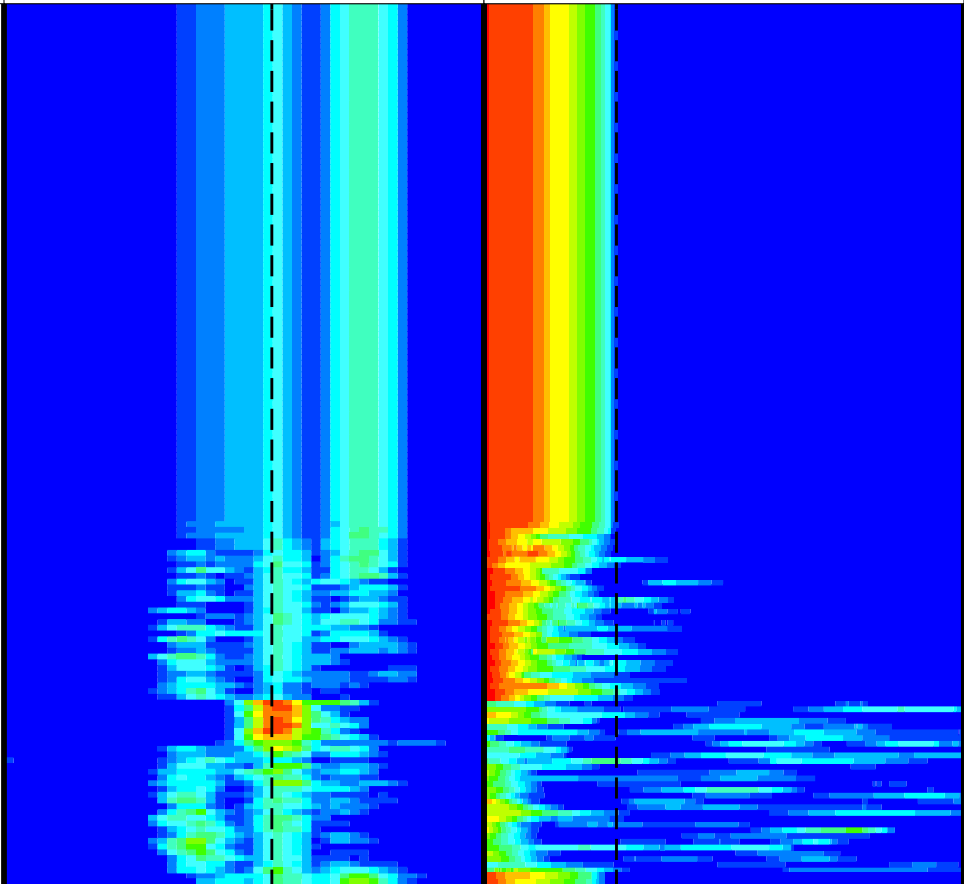
MEST-B	SRPC-3870_Q3_2009_OP17_V3_b	DTA-A	17C0-154
DSST-B	17C0-154	HNGC-B	17C0-154
HNGS-BA	17C0-154	DTC-H	17C0-154

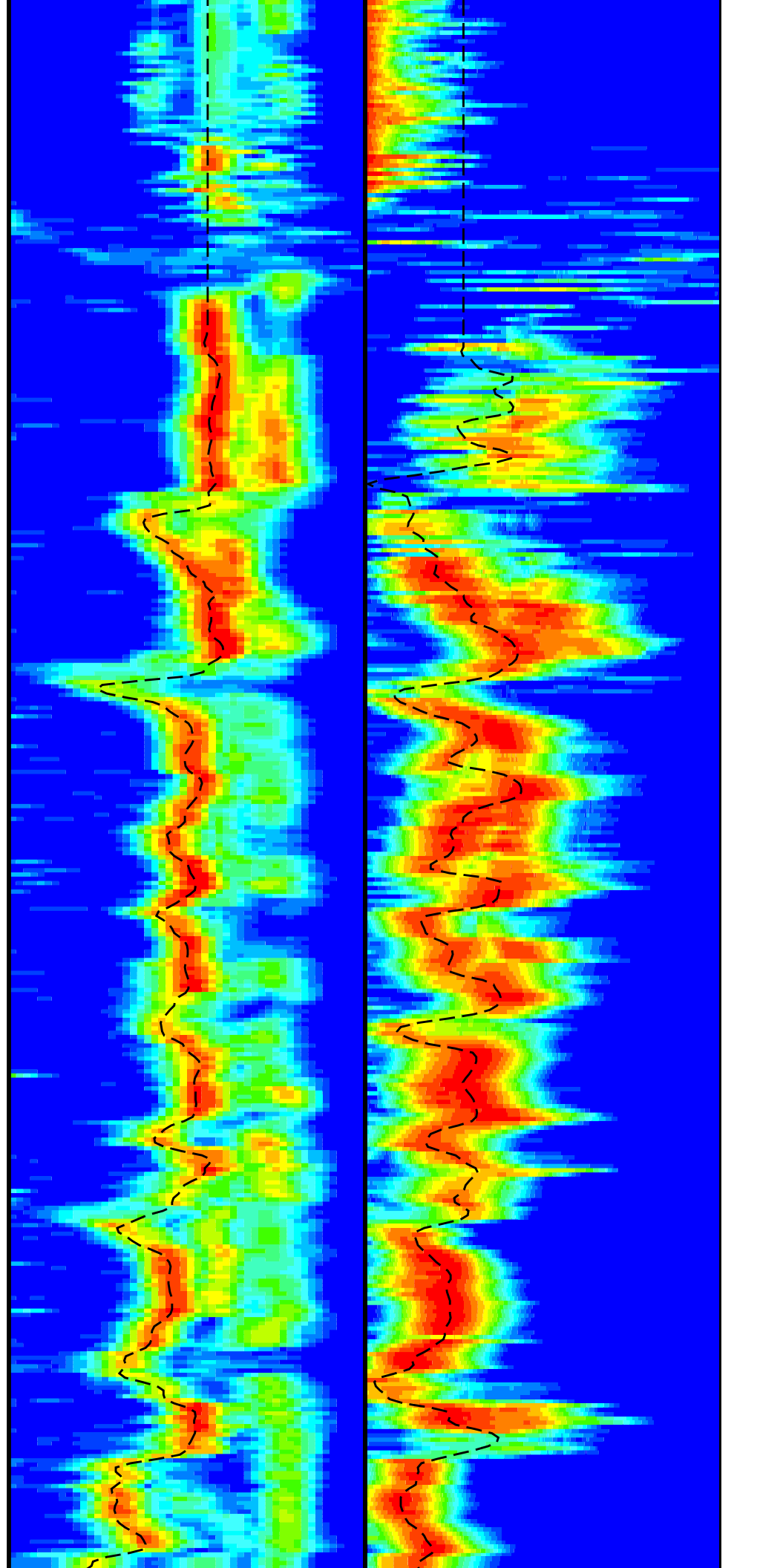
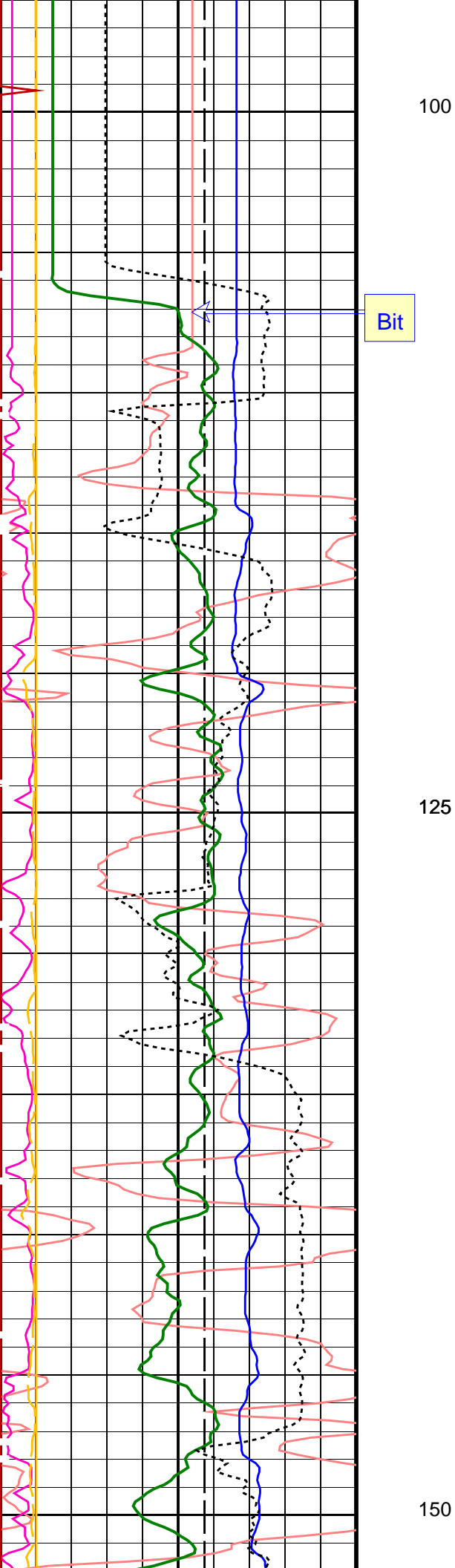
Time Mark Every 60 S

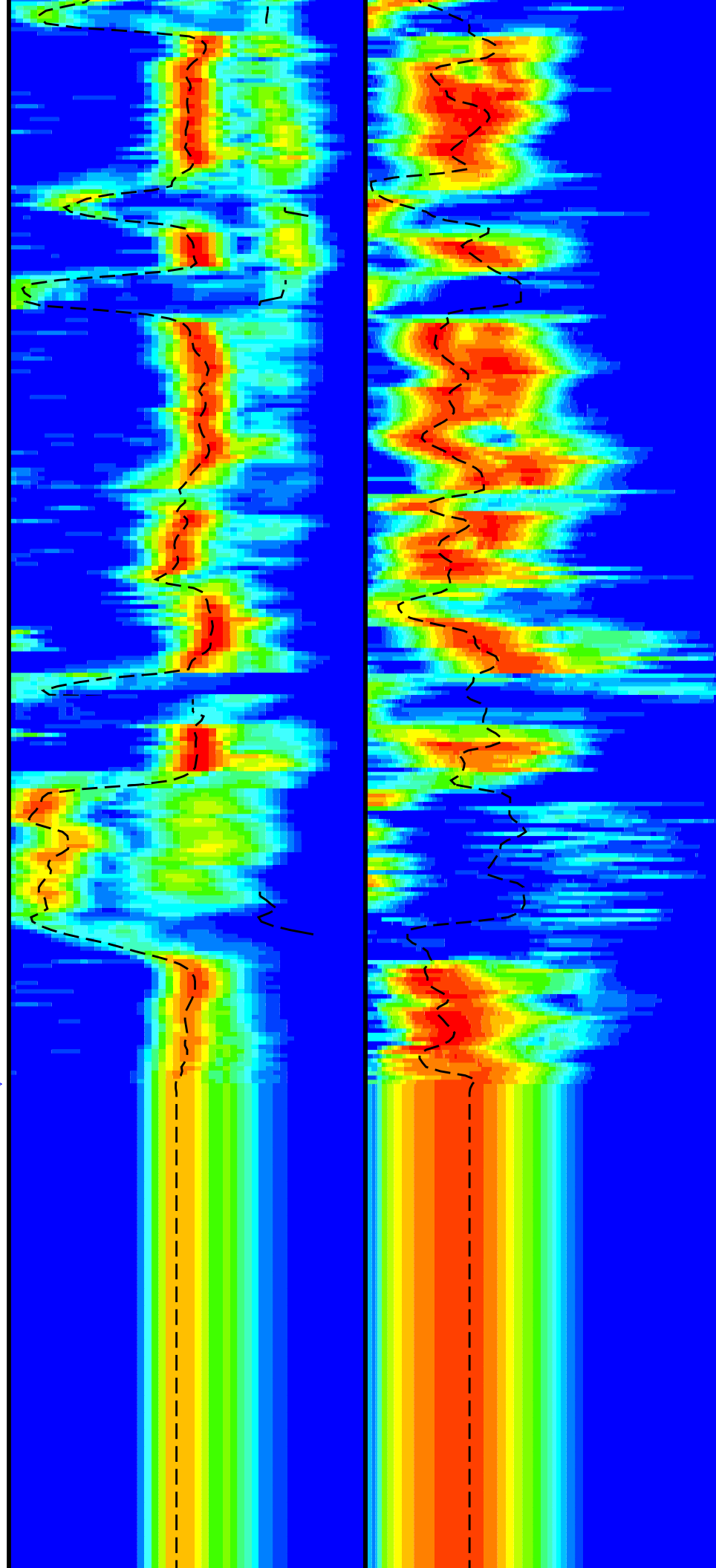
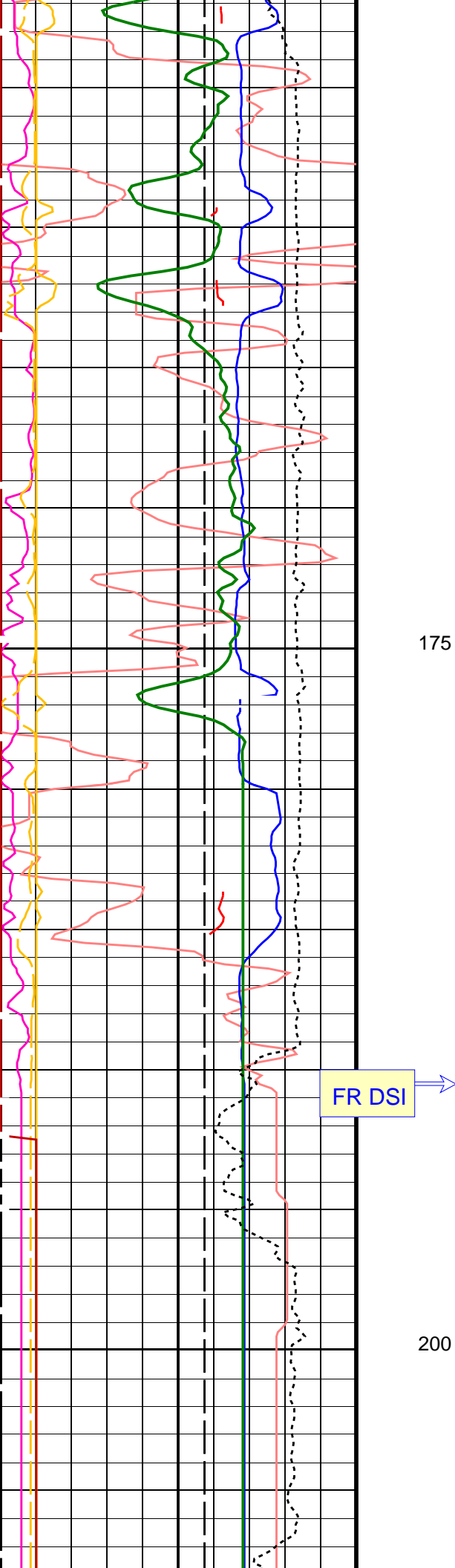
Waveform Data Copy Indicator 4 – Monopole P&S (WCI4)		
0	(-----)	10
Peak Coherence / RA – P & S Shear (CHRS)		
-1	(-----)	9
Peak Coherence / RA – P & S Comp (CHRP)		
0	(-----)	10
Peak Coherence / RA – Upper Dipole (CHR2)		
0	(-----)	10
HNGS Computed Gamma Ray (HCGR)		
0	(GAPI)	100
Tension (TENS)		
10000	(LBF)	0
Delta-T Shear – P & S (DT4S)		
440	(US/F)	40
Delta-T Comp – P & S (DT4P)		
440	(US/F)	40
Delta-T Shear – Upper Dipole (DT2)		
440	(US/F)	40
Bit Size (BS)		
0	(IN)	20



75







<div> <div>Bit Size (BS)</div> <div>(IN)</div> <div>20</div> </div>		<div> <div>Delta-T Comp / RA – P & S (DTRP)</div> <div>(US/F)</div> <div>120220</div> </div>		<div> <div>Delta-T Shear / RA – Lower Dipole (DT1R)</div> <div>(US/F)</div> <div>3001600</div> </div>	
<div> <div>Delta-T Shear – Upper Dipole (DT2)</div> <div>(US/F)</div> <div>44040</div> </div>		<div> <div>Delta-T Shear / RA – P & S (DTRS)</div> <div>(US/F)</div> <div>120220</div> </div>		<div> <div>MinAmplitudeMax</div> <div>Rec.Array L.Dipole Slow Proj. CVDL (SPR1)</div> <div>(US/F)</div> <div>3001600</div> </div>	
<div> <div>Delta-T Comp – P & S (DT4P)</div> <div>(US/F)</div> <div>44040</div> </div>		<div> <div>MinAmplitudeMax</div> <div>Rec.Array P&S Slow Proj. CVDL (SPR4)</div> <div>(US/F)</div> <div>120220</div> </div>			
<div> <div>Delta-T Shear – P & S (DT4S)</div> <div>(US/F)</div> <div>44040</div> </div>					
<div> <div>Tension (TENS)</div> <div>(LBF)</div> <div>100000</div> </div>					
<div> <div>HNGS Computed Gamma Ray (HCGR)</div> <div>(GAPI)</div> <div>0100</div> </div>					
<div> <div>Peak Coherence / RA – Upper Dipole (CHR2)</div> <div>(----</div> <div>010</div> </div>					
<div> <div>Peak Coherence / RA – P & S Comp (CHRP)</div> <div>(----</div> <div>010</div> </div>					
<div> <div>Peak Coherence / RA – P & S Shear (CHRS)</div> <div>(----</div> <div>–19</div> </div>					
<div> <div>Waveform Data Copy Indicator 4 – Monopole P&S (WCI4)</div> <div>(----</div> <div>010</div> </div>					

PIP SUMMARY					
<div> <div>Time Mark Every 60 S</div> </div>					

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	120	US/F		
COUL	Label Slowness Upper Limit – Monopole P&S Compressional	220	US/F		
DDE1	Digitizing Delay 1	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	300	US/F		
DSHU	Label Slowness Upper Limit – Dipole Shear	900	US/F		
DSI1	Digitizer Sample Interval 1	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		
DWC1	Digitizer Word Count 1	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			
LTXG	Lower Dipole Transmitter Geometry	156	IN		
MCS	Mean Casing Slowness	57	US/F		
MTXG	Monopole Transmitter Geometry	186	IN		
NWI1	Number Waveform Items 1	8			
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
SAM1	DSST Sonic Acquisition Mode 1 – Lower Dipole Mode	LFD_EVEN	
SAM4	DSST Sonic Acquisition Mode 4 – High Frequency Monopole Mode for P&S	ODD	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS1	STC Sonic Array Status – Lower Dipole	255	
SAS2	STC Sonic Array Status – Upper Dipole	255	
SAS4	STC Sonic Array Status – Monopole P&S	255	
SBO1	STC Search Band Offset – Lower Dipole	3000	US
SBO4	STC Search Band Offset – Monopole P&S	500	US
SBR4	STC Baseline Removal – Monopole P&S	ON	
SBW1	STC Search Bandwidth – Lower Dipole	8000	US
SBW4	STC Search Bandwidth – Monopole P&S	2000	US
SFC1	STC Formation Character – Lower Dipole	SELECTABLE	
SFC4	STC Formation Character – Monopole P&S	SELECTABLE	
SFM1	STC Filter – Lower Dipole	B.3–1.5K	
SFM2	STC Filter – Upper Dipole	B1–2K	
SFM4	STC Filter – Monopole P&S	B3–20K	
SHLL	Label Slowness Lower Limit – Monopole P&S Shear	120	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	220	US/F
SLL1	STC Slowness Lower Limit – Lower Dipole	300	US/F
SLL4	STC Slowness Lower Limit – Monopole P&S	120	US/F
SST1	STC Slowness Step – Lower Dipole	4	US/F
SST4	STC Slowness Step – Monopole P&S	2	US/F
SSW1	STC Source Waveform – Lower Dipole	WF_SAM1	
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
SUL1	STC Slowness Upper Limit – Lower Dipole	1600	US/F
SUL4	STC Slowness Upper Limit – Monopole P&S	220	US/F
SWD1	STC Slowness Width – Lower Dipole	40	US/F
SWD4	STC Slowness Width – Monopole P&S	10	US/F
TBF1	STC Time for Baseline Fill – Lower Dipole	0	US
TBF4	STC Time for Baseline Fill – Monopole P&S	300	US
TLL1	STC Time Lower Limit – Lower Dipole	2450	US
TLL4	STC Time Lower Limit – Monopole P&S	580	US
TST1	STC Time Step – Lower Dipole	200	US
TST4	STC Time Step – Monopole P&S	50	US
TUL1	STC Time Upper Limit – Lower Dipole	20440	US
TUL4	STC Time Upper Limit – Monopole P&S	3480	US
TWD1	STC Time Width – Lower Dipole	2000	US
TWD4	STC Time Width – Monopole P&S	1000	US
TWI1	STC Integration Time Window – Lower Dipole	1600	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	0.000787667	
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	0.990588	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.990481	
System and Miscellaneous			
PS	Bit Size	11_428	IN

BS
DFD
DO
PP

Bit Size
Drilling Fluid Density
Depth Offset for Playback
Playback Processing

11.438 IN
1.26 G/C3
-93.4 M
NORMAL

Format: DSST_P_S_LOWER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 01-Jan-2010 01:35

OP System Version: 17C0-154

MEST-B
DSST-B
HNGS-BA

SRPC-3870_Q3_2009_OP17_V3_b
17C0-154
17C0-154

DTA-A
HNGC-B
DTC-H

17C0-154
17C0-154
17C0-154

Input DLIS Files

DEFAULT

FMS_DSI_NGS_024LUP

FN:23 PRODUCER 28-Dec-2009 11:04 301.8 M 166.1 M

Output DLIS Files

DEFAULT

FMS_DSI_NGS_042PUP

FN:41 PRODUCER 01-Jan-2010 01:35

Schlumberger

First Pass

MAXIS Field Log

Company: Lamont Doherty Well: Expedition 317 Site U1353C

Input DLIS Files

DEFAULT

FMS_DSI_NGS_022LUP

FN:21 PRODUCER 28-Dec-2009 10:18 342.9 M 202.2 M

Output DLIS Files

DEFAULT

FMS_DSI_NGS_041PUP

FN:40 PRODUCER 01-Jan-2010 01:33 249.2 M 108.8 M

OP System Version: 17C0-154

MEST-B
DSST-B
HNGS-BA

SRPC-3870_Q3_2009_OP17_V3_b
17C0-154
17C0-154

DTA-A
HNGC-B
DTC-H

17C0-154
17C0-154
17C0-154

PIP SUMMARY

Time Mark Every 60 S

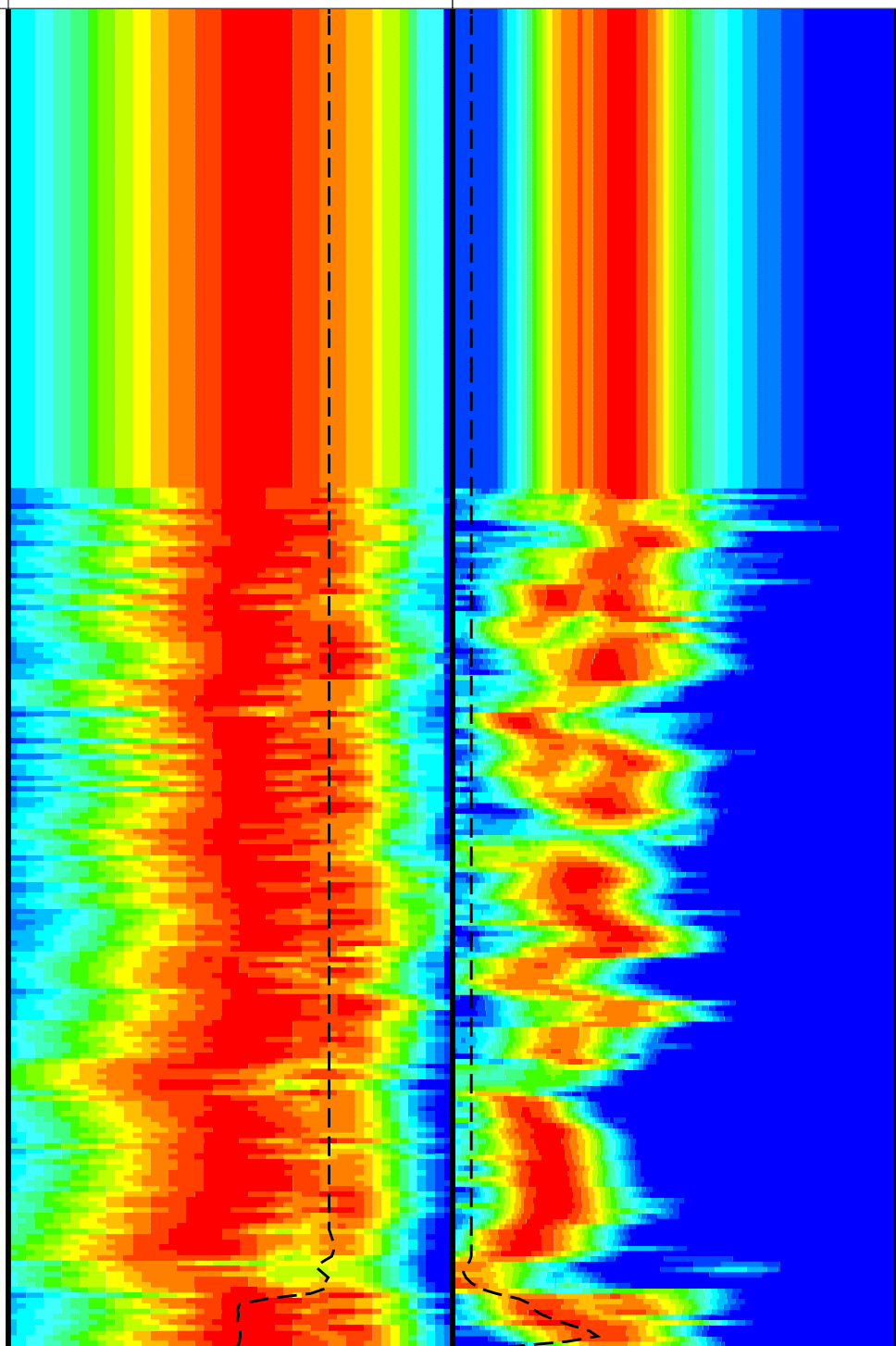
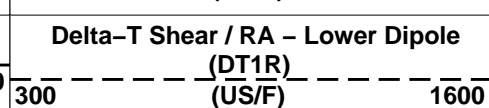
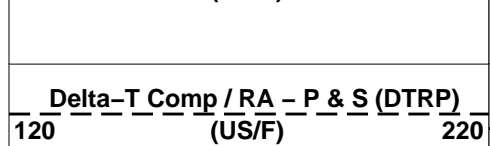
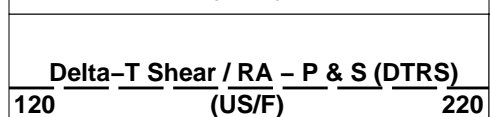
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0 (----) 10

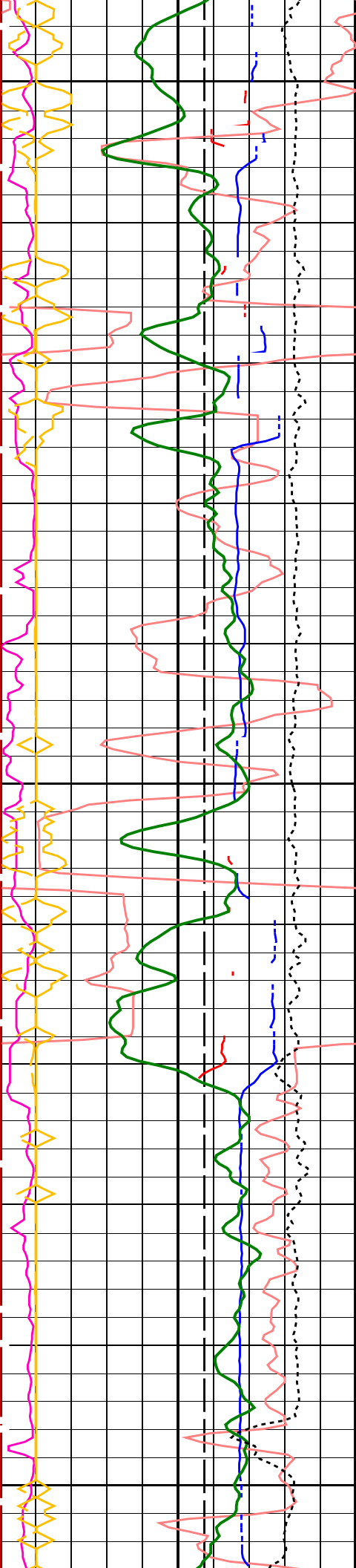
Peak Coherence / RA – P & S Shear (CHRS)
-1 (----) 9

Peak Coherence / RA – P & S Comp (CHRP)
0 (----) 10

Peak Coherence / RA – Upper Dipole (CHR2)
0 (----) 10

HNGS Computed Gamma Ray (HNGR)

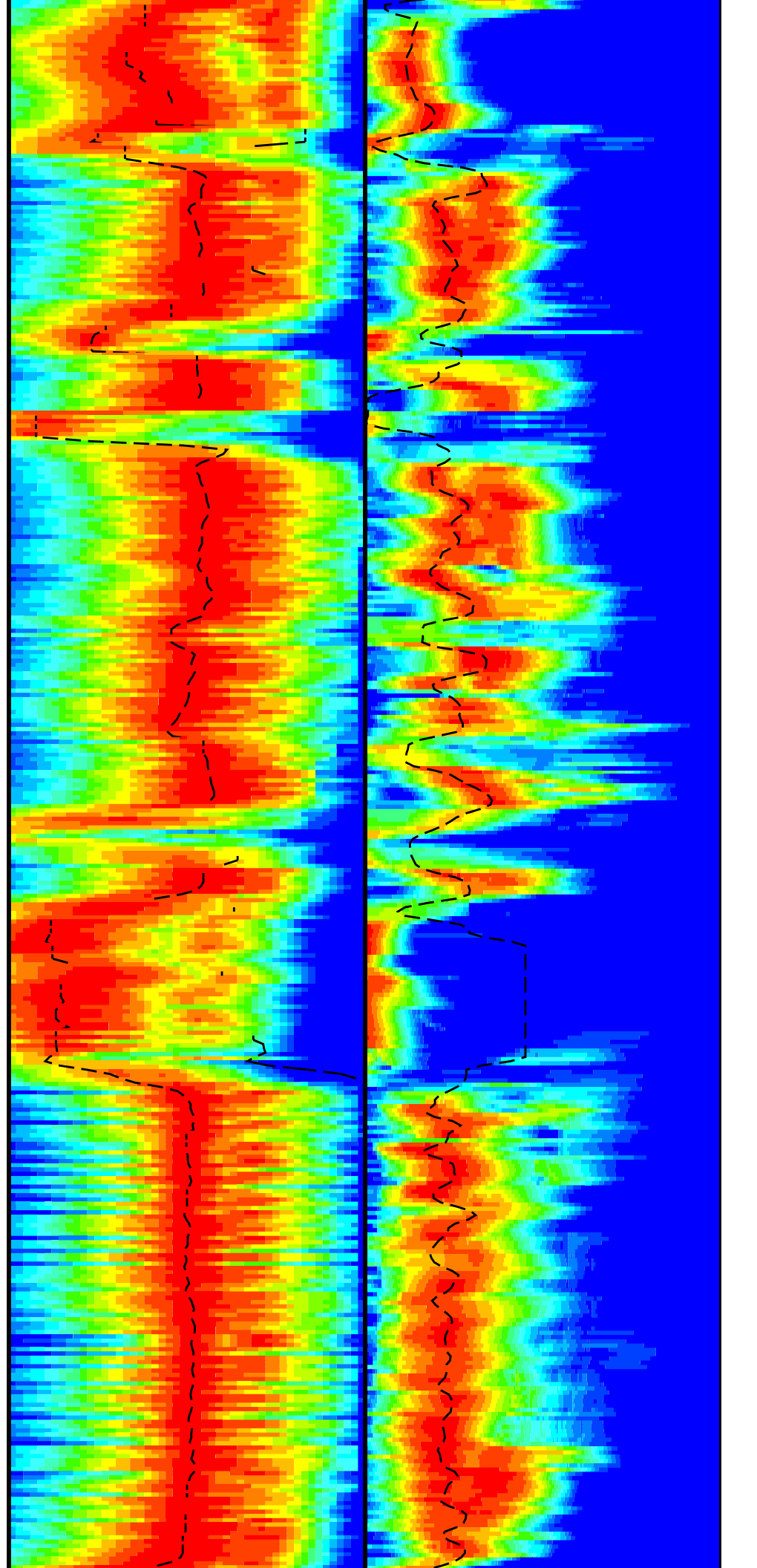


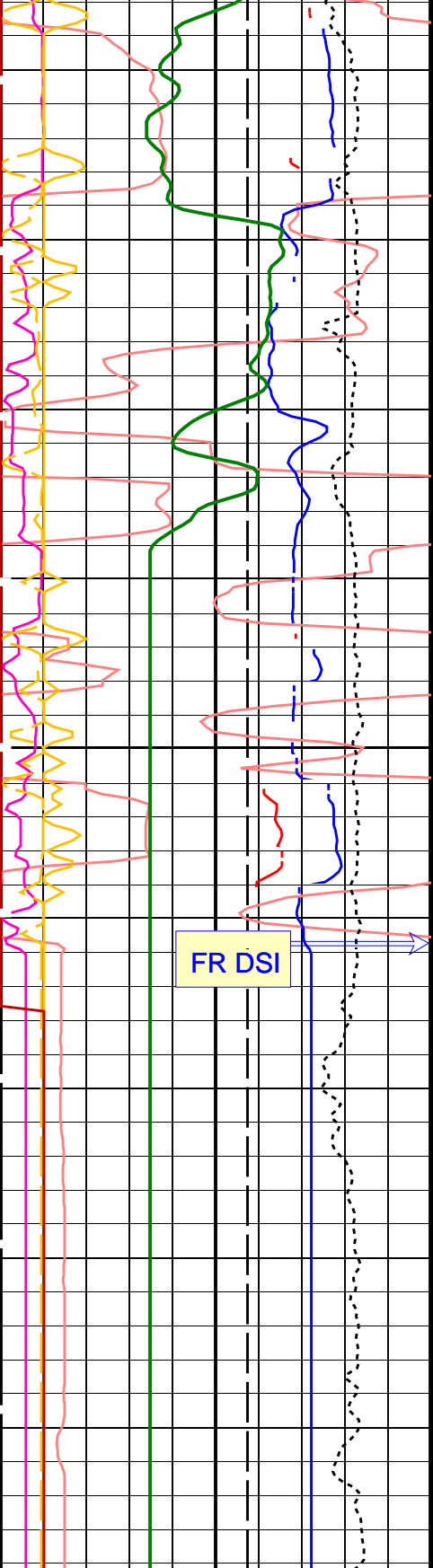


150

175

200





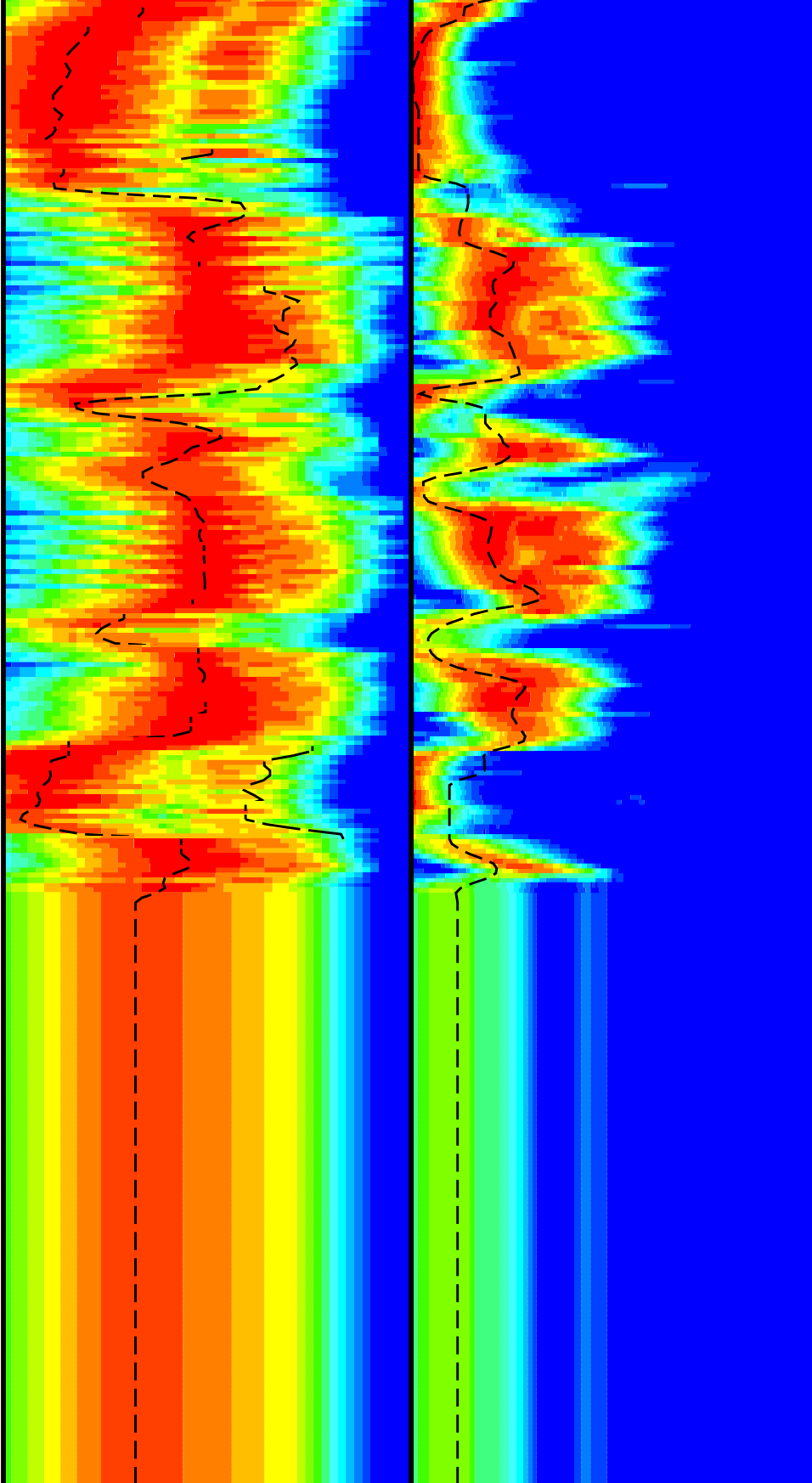
FR DSI

225

Bit Size (BS)
(IN) 0 20

Delta-T Shear - Upper Dipole (DT2)
(US/F) 440 40

Delta-T Comp - P & S (DT4P)
(US/F) 440 40



Delta-T Comp / RA - P & S (DTRP)
(US/F) 120 220

Delta-T Shear / RA - P & S (DTRS)
(US/F) 120 220

Min Amplitude Max
Rec Array P&S Slow Proj. CVDL (SPR4)

Delta-T Shear / RA - Lower Dipole
(DT1R)
(US/F) 300 1600

Min Amplitude Max
Rec.Array L.Dipole Slow Proj. CVDL
(SPR1)
(US/F) 300 1600

440	(US/F)	40
Delta-T Shear – P & S (DT4S)		
10000	(LBF)	0
Tension (TENS)		
0	(GAPI)	100
HNGS Computed Gamma Ray (HCGR)		
0	(CHR2)	10
Peak Coherence / RA – Upper Dipole		
0	(----)	10
Peak Coherence / RA – P & S Comp		
0	(----)	10
Peak Coherence / RA – P & S Shear		
-1	(----)	9
Waveform Data Copy Indicator 4 – Monopole P&S (WCI4)		
0	(----)	10

Rec.Array P&S Slow Proj. CVDL (SPR4)
120 (US/F) 220

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	120	US/F
COUL	Label Slowness Upper Limit – Monopole P&S Compressional	220	US/F
DDE1	Digitizing Delay 1	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	300	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	900	US/F
DSI1	Digitizer Sample Interval 1	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
DWC1	Digitizer Word Count 1	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	
LTXG	Lower Dipole Transmitter Geometry	156	IN
MCS	Mean Casing Slowness	57	US/F
MTXG	Monopole Transmitter Geometry	186	IN
NWI1	Number Waveform Items 1	8	
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
SAM1	DSST Sonic Acquisition Mode 1 – Lower Dipole Mode	LFD_EVEN	
SAM4	DSST Sonic Acquisition Mode 4 – High Frequency Monopole Mode for P&S	MFD_ODD	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	

SAS1	STC Sonic Array Status – Lower Dipole	255	
SAS2	STC Sonic Array Status – Upper Dipole	255	
SAS4	STC Sonic Array Status – Monopole P&S	255	
SBO1	STC Search Band Offset – Lower Dipole	3000	US
SBO4	STC Search Band Offset – Monopole P&S	500	US
SBR4	STC Baseline Removal – Monopole P&S	ON	
SBW1	STC Search Bandwidth – Lower Dipole	8000	US
SBW4	STC Search Bandwidth – Monopole P&S	2000	US
SFC1	STC Formation Character – Lower Dipole	SELECTABLE	
SFC4	STC Formation Character – Monopole P&S	SELECTABLE	
SFM1	STC Filter – Lower Dipole	B.3–1.5K	
SFM2	STC Filter – Upper Dipole	B1–2K	
SFM4	STC Filter – Monopole P&S	B3–20K	
SHLL	Label Slowness Lower Limit – Monopole P&S Shear	120	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	220	US/F
SLL1	STC Slowness Lower Limit – Lower Dipole	300	US/F
SLL4	STC Slowness Lower Limit – Monopole P&S	120	US/F
SST1	STC Slowness Step – Lower Dipole	4	US/F
SST4	STC Slowness Step – Monopole P&S	2	US/F
SSW1	STC Source Waveform – Lower Dipole	WF_SAM1	
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
SUL1	STC Slowness Upper Limit – Lower Dipole	1600	US/F
SUL4	STC Slowness Upper Limit – Monopole P&S	220	US/F
SWD1	STC Slowness Width – Lower Dipole	40	US/F
SWD4	STC Slowness Width – Monopole P&S	10	US/F
TBF1	STC Time for Baseline Fill – Lower Dipole	0	US
TBF4	STC Time for Baseline Fill – Monopole P&S	300	US
TLL1	STC Time Lower Limit – Lower Dipole	2450	US
TLL4	STC Time Lower Limit – Monopole P&S	580	US
TST1	STC Time Step – Lower Dipole	200	US
TST4	STC Time Step – Monopole P&S	50	US
TUL1	STC Time Upper Limit – Lower Dipole	20440	US
TUL4	STC Time Upper Limit – Monopole P&S	3480	US
TWD1	STC Time Width – Lower Dipole	2000	US
TWD4	STC Time Width – Monopole P&S	1000	US
TWI1	STC Integration Time Window – Lower Dipole	1600	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	
HNCS–BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNCS Detector 1 Barite Constant	1	
BAR2	HNCS Detector 2 Barite Constant	1	
BHK	HNCS 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	HNCS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	BS	
H1P	HNCS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNCS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNCS Borehole Potassium Running Average	0.000787667	
HALF	HNCS Alpha Filter Length	60	IN
HCRB	HNCS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	BARI	
HNPE	HNCS Processing Enable	YES	
S1BI	HNCS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNCS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNCS Standard Gamma–Ray Correction Flag	YES	
TPOS	Tool Position	ECCE	
VBA1	HNCS Detector 1 Variable Barite Factor Running Average	0.990588	
VBA2	HNCS Detector 2 Variable Barite Factor Running Average	0.990481	
System and Miscellaneous			
BS	Bit Size	11.438	IN
DFD	Drilling Fluid Density	1.26	G/C3
DO	Depth Offset for Playback	–93.4	M
PP	Playback Processing	NORMAL	

Format: DSST_P_S_LOWER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 01–Jan–2010 01:33

OP System Version: 17C0–154

MEST–B	SRPC–3870_Q3_2009_OP17_V3_b	DTA–A	17C0–154
DSST–B	17C0–154	HNGC–B	17C0–154
HNCS–BA	17C0–154	DTC–H	17C0–154

Input DLIS Files

DEFAULT FMS_DSI_NGS_022LUP FN:21 PRODUCER 28-Dec-2009 10:18 342.9 M 202.2 M

Output DLIS Files

DEFAULT FMS_DSI_NGS_041PUP FN:40 PRODUCER 01-Jan-2010 01:33

Schlumberger

Calibrations

MAXIS Field Log

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
Micro Electrical Scanner – B (Slim) Wellsite Calibration – Caliper Calibration							
Before: Calibration out of date 6-Nov-2009 10:23							
Caliper 1 Zero Measurement	12.00	N/A	12.07	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	12.00	N/A	12.14	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.19	N/A	15.24	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.19	N/A	15.39	N/A	N/A	N/A	IN
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: 28-Dec-2009 8:50							
TEMPERATURE REFERENCE :	N/A	N/A	20	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	99	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	743	N/A	N/A	N/A	
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET MAGNETOMETER PROM HAS BEEN READ CORRECTLY							
Before: 28-Dec-2009 8:50							
TEMPERATURE REFERENCE :	N/A	N/A	23	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	9	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	507	N/A	N/A	N/A	
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 1 Check							
Master: 31-Oct-2009 23:09 Before: 28-Dec-2009 4:11							
Na 511 Peak Loc	40.00	39.48	39.59	N/A	N/A	1.000	
Na 511 Peak Res	15.50	16.07	15.80	N/A	N/A	2.000	%
High Voltage	1150	1200	1148	N/A	N/A	N/A	V
Na 1785 Peak Loc	142.6	142.5	141.9	N/A	N/A	7.000	
Na 1785 Peak Res	8.500	8.076	8.599	N/A	N/A	2.000	%
Temperature	15.50	36.12	17.66	N/A	N/A	N/A	DEGC
Na Count Rate	45.00	34.81	32.88	N/A	N/A	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 2 Check							
Master: 31-Oct-2009 23:09 Before: 28-Dec-2009 4:11							
Na 511 Peak Loc	40.00	39.63	39.75	N/A	N/A	1.000	
Na 511 Peak Res	15.50	15.54	15.13	N/A	N/A	2.000	%
High Voltage	1150	1123	1085	N/A	N/A	N/A	V
Na 1785 Peak Loc	142.6	142.2	142.5	N/A	N/A	7.000	
Na 1785 Peak Res	8.500	8.652	8.401	N/A	N/A	2.000	%
Temperature	15.50	36.37	18.26	N/A	N/A	N/A	DEGC
Na Count Rate	45.00	35.36	32.82	N/A	N/A	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Ratio Of Detector 1 To Detector 2							
Master: 31-Oct-2009 23:09 Before: 28-Dec-2009 4:11							
Coincidence Count Rate Ratio	1.000	0.9839	1.001	N/A	N/A	0.05000	

Micro Electrical Scanner – B (Slim) / Equipment Identification

Primary Equipment:

MEST Sonde – B
MEST Preamplifier Cartridge – AB
GPIT Cartridge – A
MEST Acquisition Cartridge – A

MEDS – B 770
MEPC – AB
GPIC – A
MEAC – A

Auxiliary Equipment:

MEST–B Preamplifier Cartridge Housing
MEST Acquisition Cartridge Housing (Slim)

MEPH – A
MEAH – B

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 205
GSR – U 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		39.48	Master		16.07	Master		1200
Before		39.59	Before		15.80	Before		1148
	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		142.5	Master		8.076	Master		36.12
Before		141.9	Before		8.599	Before		17.66
	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		34.81						
Before		32.88						
	10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)							
Master: 31-Oct-2009 23:09			Before: 28-Dec-2009 4:11					

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		39.63	Master		15.54	Master		1123
Before		39.75	Before		15.13	Before		1085
	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		8.652	Master		36.37
Before		142.5	Before		8.401	Before		18.26
	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		35.36						

Before		32.82
10.00 (Minimum)	45.00 (Nominal)	100.0 (Maximum)
Master: 31-Oct-2009 23:09		
Before: 28-Dec-2009 4:11		

Hostile Natural Gamma Ray Sonde Wellsite Calibration		
Ratio Of Detector 1 To Detector 2		
Phase	Coincidence Count Rate Ratio	Value
Master		0.9839
Before		1.001
0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)
Master: 31-Oct-2009 23:09		
Before: 28-Dec-2009 4:11		

DTS Telemetry Tool / Equipment Identification

Primary Equipment:

DTC-H Auxiliary Cartridge
DTC-H Telemetry Cartridge

DTCH - A
DTCH - A 8798

Auxiliary Equipment:

DTCH Telemetry Cartridge Housing

ECH - KC 2304

Company: **Lamont Doherty**

Schlumberger

Well: **Expedition 317 Site U1353C**

Field: **Canterbury Basin**

Rig: **JOIDES Resolution**

Ocean: **Pacific**

Dipole Shear Sonic