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OTHER SERVICES1 OS1: HLDS OS2: DITE OS3: APS OS4: HNGS OS5: FMS	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
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REMARKS: RUN NUMBER 1 Hole cored with RCB, 97/8" bs. All depths in Meters Below Rig Floor (MBRF). Sepiolite mud was used. WHC was not run on this descent due to problems with the WHC. Average heave was close to 1m. GPIT was run on bottom of tool for orientation. file 21 acquired SAMX BCR (crossed dipole), SAM2 upper dipole standrd freq. SAM4 P&S compressional monopole file 23 acquired SAMX BCR, SAM1 low dipole low freq., SAM4 P&S compre.monopole.	REMARKS: RUN NUMBER 2
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RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION: 10C0-306			PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1	RUN 2
SURFACE EQUIPMENT	
GSR-U/Y WITM (DTS)-A	

DOWNHOLE EQUIPMENT	
LEH-QT LEH-QT 1497	 26.01
DTC-H ECH-KC 9343	CTEM TelStatus ToolStatu  24.84 24.21 25.12
SGT-N	Gamma Ray  23.93 24.21

SGH-K 2450
SGC-TB 9585
SGD-TAA

AH-MCD2
AH-MCD2 2

22.53

DSST-B
SPAC-B 8128
ECH-SD 8127
SMDR-BD 8076
SSIJ-BA 8069
SMDX-AA 66

20.40

PWF 4.86

AH-MCD
AH-MCD 1

4.86

DTA-A
ECH-KE 8231
DTA-A 8231

2.58

GPIT-A/B
GPIC-A 719
GPIH-A 860

1.36

BNS-CCS

HV DF
Tension GPIT
TOOL ZERO 0.00

0.14

MAXIMUM STRING DIAMETER 4.50 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Output DLIS Files

DEFAULT	DSI_023LUP	FN:36	PRODUCER	01-Jul-2003 03:35	
REDUCED	DSI_023LUP	FN:37	PRODUCER	01-Jul-2003 03:35	1666.8 M 1552.0 M

OP System Version: 10C0-306

MCM

GPIT-A/B	10C0-306	DTA-A	10C0-306
DSST-B	SPC-2277-NUCL_b	SGT-N	10C0-306
DTC-H	10C0-306		

PIP SUMMARY

Time Mark Every 60 S

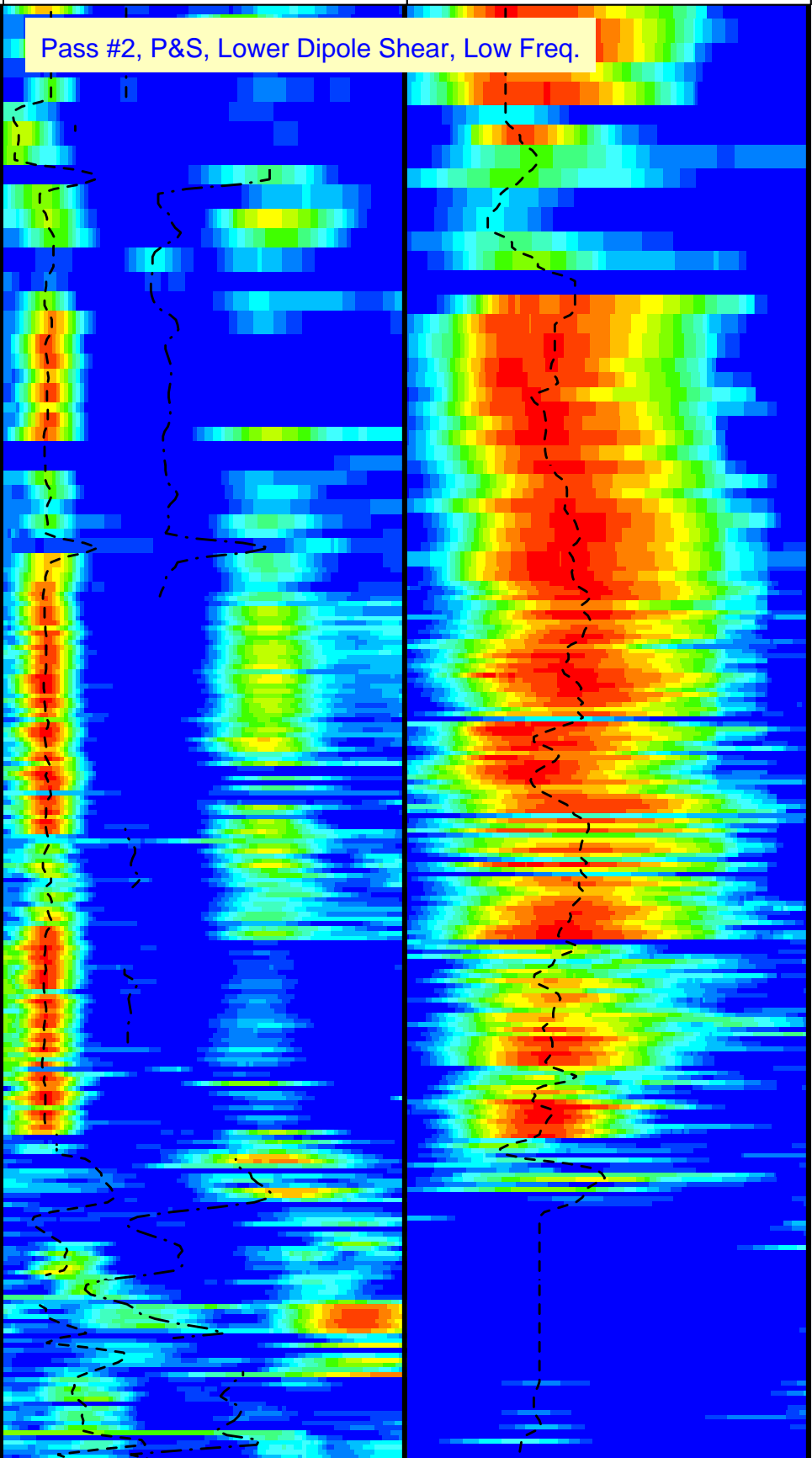
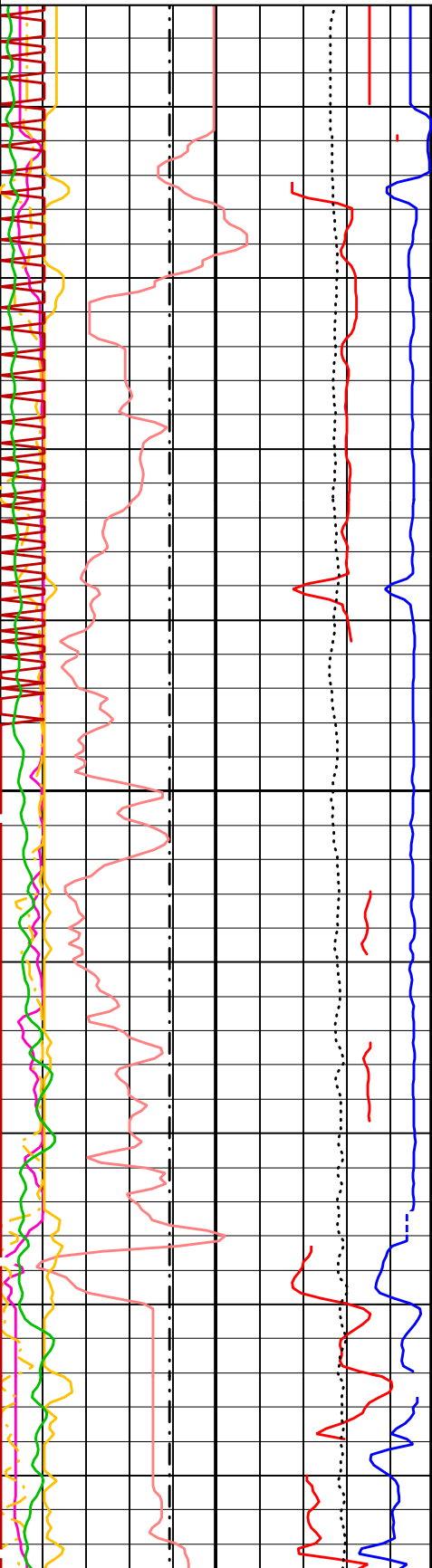
	Waveform Data Copy Indicator 4 - Monopole P&S (WCI4)	
0	(---)	10
	Peak Coherence / RA - P & S Shear (CHRS)	
-1	(---)	9
	Peak Coherence / RA - P & S Comp (CHRP)	
0	(---)	10
	Peak Coherence / RA - Lower Dipole (CHR1)	
0	(---)	10
	Tension (TENS)	
10000	(LBF)	0
	Gamma Ray (GR)	
0	(GAPI)	100
	Delta-T Shear - P & S (DT4S)	
440	(US/F)	40

Min	Amplitude	Max
-----	-----------	-----

Delta-T Comp - P & S (DT4P)	(US/F)	40
Delta-T Shear - Lower Dipole (DT1)	(US/F)	40
Bit Size (BS)	(IN)	16

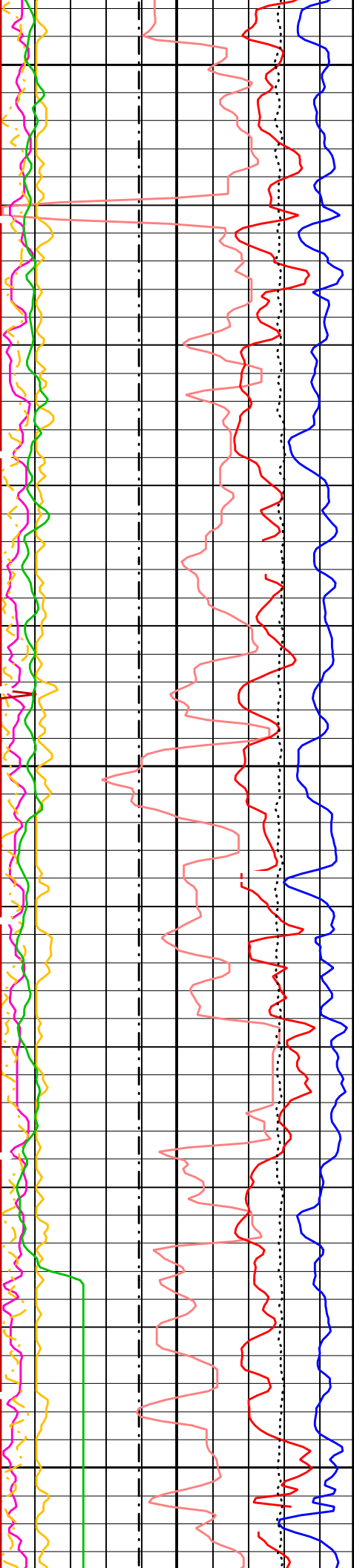
Rec.Array P&S Slow Proj. CVDL (SPR4)	(US/F)	240
Delta-T Shear / RA - P & S (DTRS)	(US/F)	240
Delta-T Comp / RA - P & S (DTRP)	(US/F)	240

Min	Amplitude	Max
75	Rec.Array L.Dipole Slow Proj. CVDL (SPR1)	775
75	Delta-T Shear / RA - Lower Dipole (DT1R)	775



1575

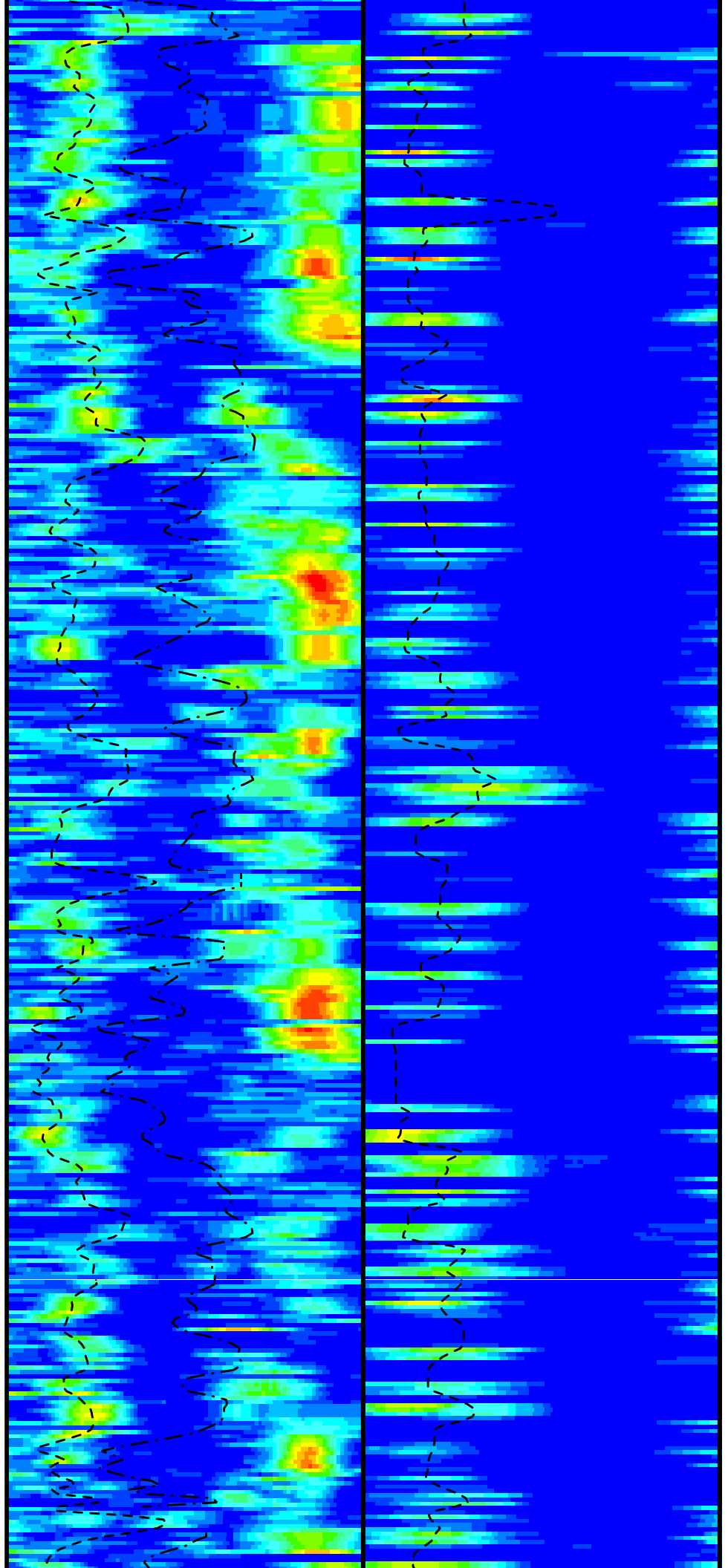
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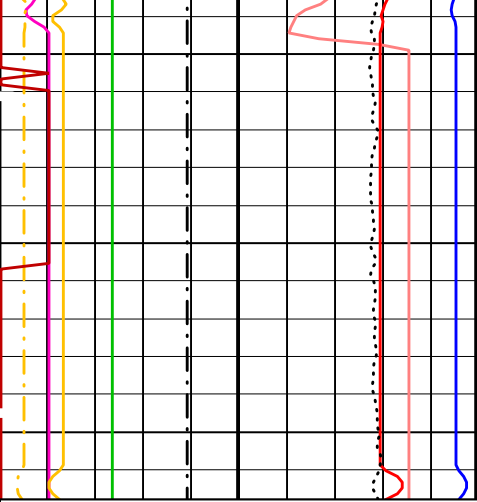


1600

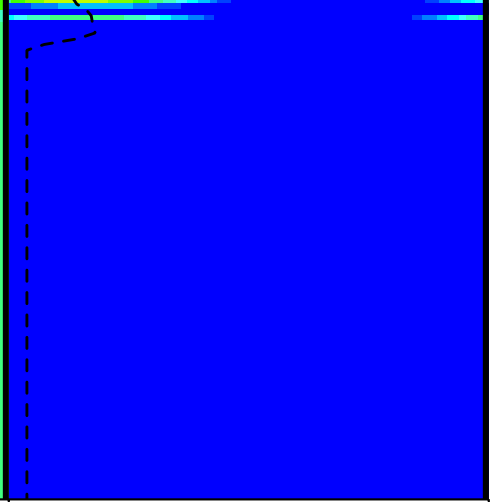
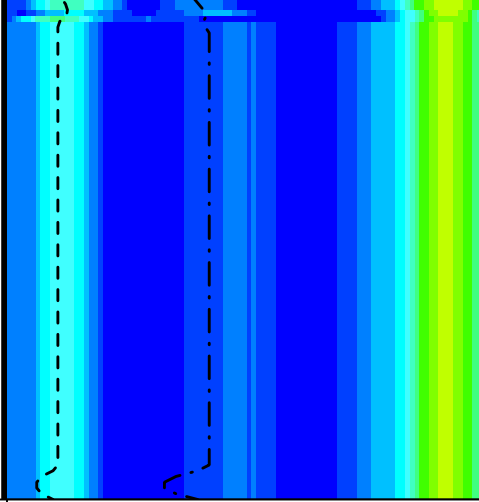
1625

1650





FR DSI-



Bit Size (BS) (IN)	6	16
Delta-T Shear - Lower Dipole (DT1) (US/F)	440	40
Delta-T Comp - P & S (DT4P) (US/F)	440	40
Delta-T Shear - P & S (DT4S) (US/F)	440	40
Gamma Ray (GR) (GAPI)	0	100
Tension (TENS) (LBF)	10000	0
Peak Coherence / RA - Lower Dipole (CHR1)	0	10
Peak Coherence / RA - P & S Comp (CHRP)	0	10
Peak Coherence / RA - P & S Shear (CHRS)	-1	9
Waveform Data Copy Indicator 4 - Monopole P&S (WCI4)	0	10

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

Delta-T Shear / RA - Lower Dipole (DT1R) (US/F)	75	775
Min	Amplitude	Max
Rec.Array L.Dipole Slow Proj. CVDL (SPR1)		
75		775

Pass #2, P&S, Lower Dipole Shear, Low Freq.

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
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	75	US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	775	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	189	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	
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	
NWI4	Number Waveform Items 4	8	
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_EVEN	
SAMX	DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert	BCR	
SAS1	STC Sonic Array Status - Lower 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	
SFM4	STC Filter - Monopole P&S	B3-12K	
SHLL	Label Slowness Lower Limit - Monopole P&S Shear	75	US/F
SHUL	Label Slowness Upper Limit - Monopole P&S Shear	180	US/F
SLL1	STC Slowness Lower Limit - Lower Dipole	75	US/F
SLL4	STC Slowness Lower Limit - Monopole P&S	40	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	
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	775	US/F
SUL4	STC Slowness Upper Limit - Monopole P&S	240	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	600	US
TLL4	STC Time Lower Limit - Monopole P&S	150	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	15912.5	US
TUL4	STC Time Upper Limit - Monopole P&S	3660	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
TWI4	STC Integration Time Window - Monopole P&S	500	US
TWSX	Transmitter Waveform Select X	0	
WFM4	Waveform Mode 4	W1	
SGT-N:	Scintillation Gamma-Ray - N		
BHS	Borehole Status	OPEN	
BS	System and Miscellaneous		
	Bit Size	9.875	IN

Format: DSST_P_S_LOWER_VDL_COLOR

Vertical Scale: 1:200

Graphics File Created: 01-Jul-2003 03:35

OP System Version: 10C0-306

MCM

GPIT-A/B	10C0-306	DTA-A	10C0-306
DSST-B	SPC-2277-NUCL_b	SGT-N	10C0-306
DTC-H	10C0-306		

Output DLIS Files

DEFAULT	DSI_023LUP	FN:36	PRODUCER	01-Jul-2003 03:35
REDUCED	DSI_023LUP	FN:37	PRODUCER	01-Jul-2003 03:35

Output DLIS Files

DEFAULT	DSI_021LUP	FN:32	PRODUCER	01-Jul-2003 02:57	1668.5 M	1580.7 M
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OP System Version: 10C0-306 MCM

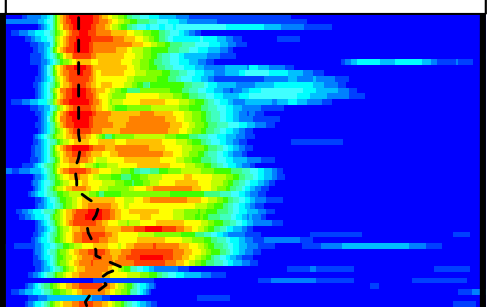
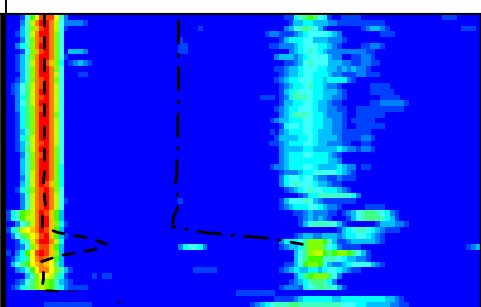
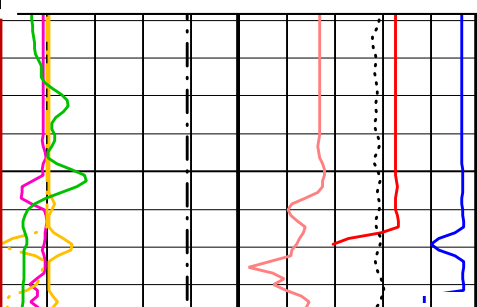
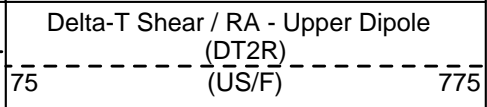
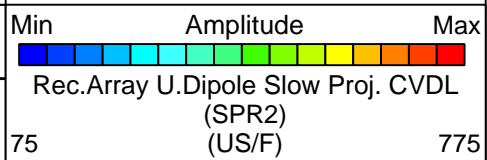
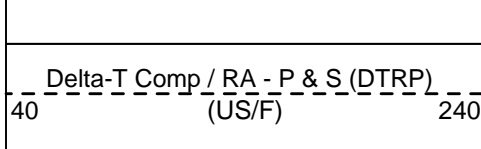
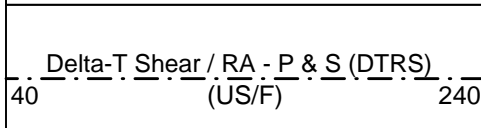
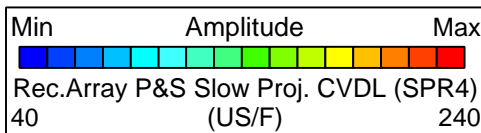
GPIT-A/B	10C0-306	DTA-A	10C0-306
DSST-B	SPC-2277-NUCL_b	SGT-N	10C0-306
DTC-H	10C0-306		

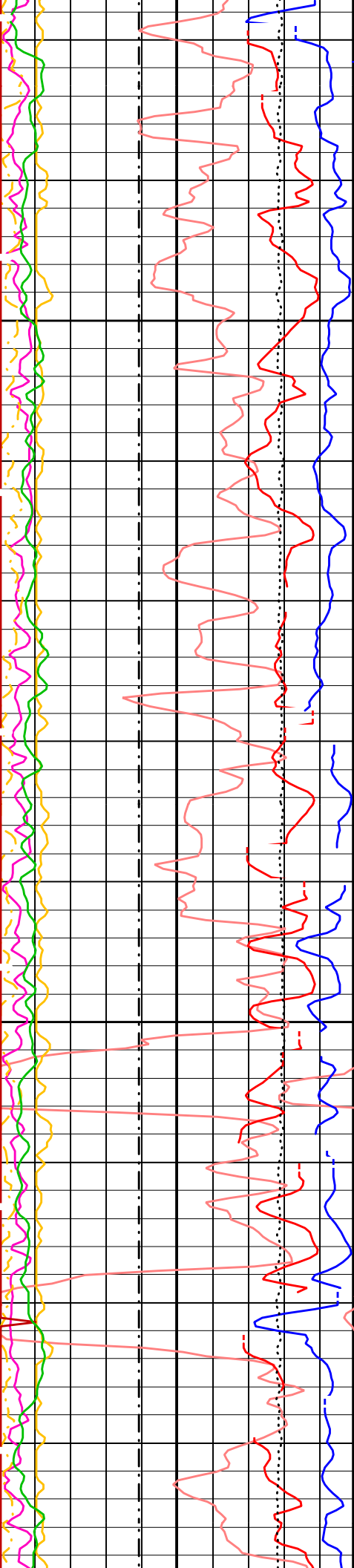
PIP SUMMARY

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
Tension (TENS) (LBF)	10000		0
Gamma Ray (GR) (GAPI)	0		100
Delta-T Shear - P & S (DT4S) (US/F)	440		40
Delta-T Comp - P & S (DT4P) (US/F)	440		40
Delta-T Shear - Upper Dipole (DT2) (US/F)	440		40
Bit Size (BS) (IN)	6		16

Pass #1, P&S, Upper Dipole Shear



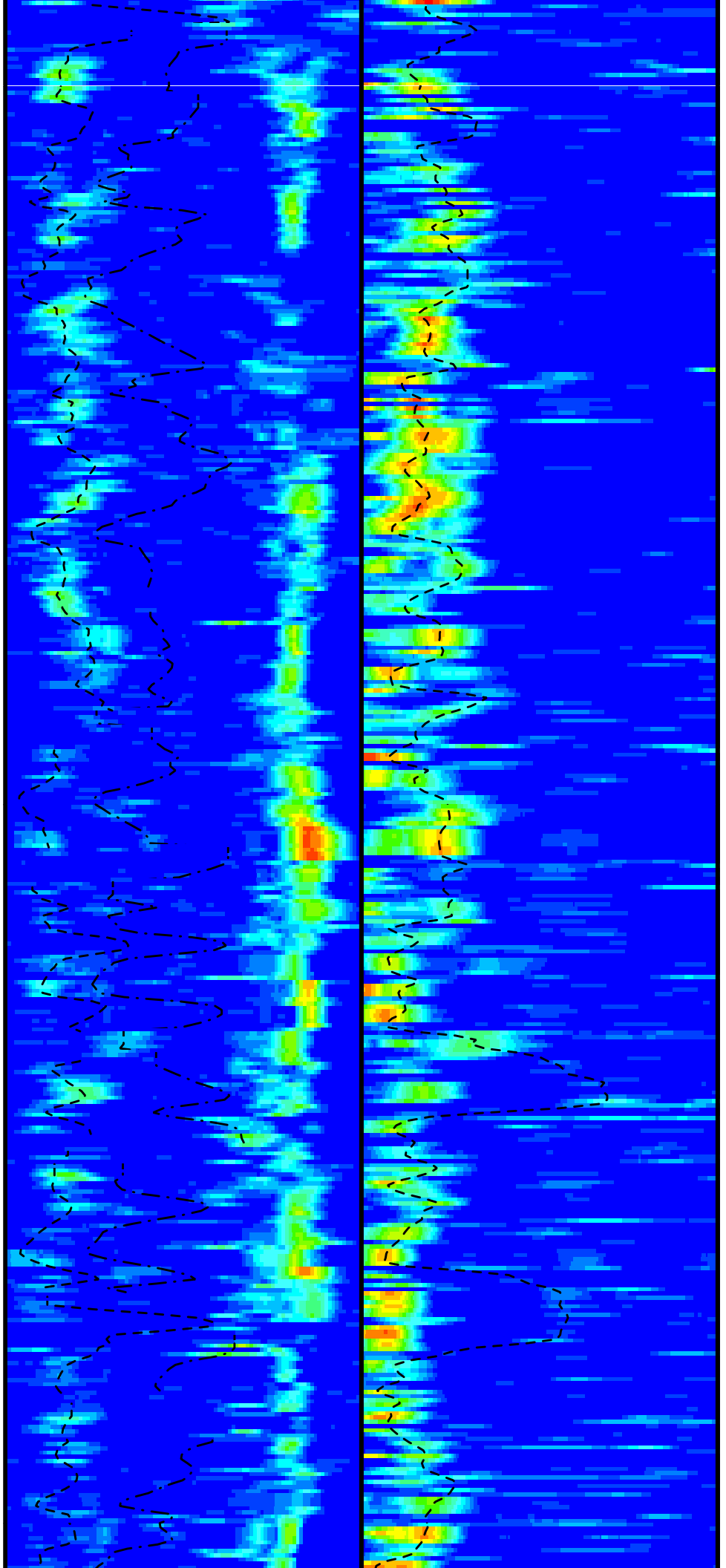


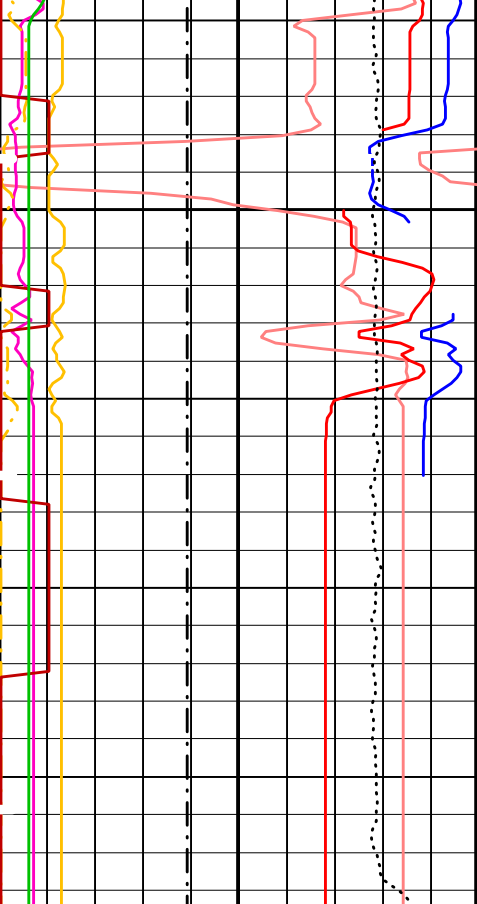
Drill Pipe-

1600

1625

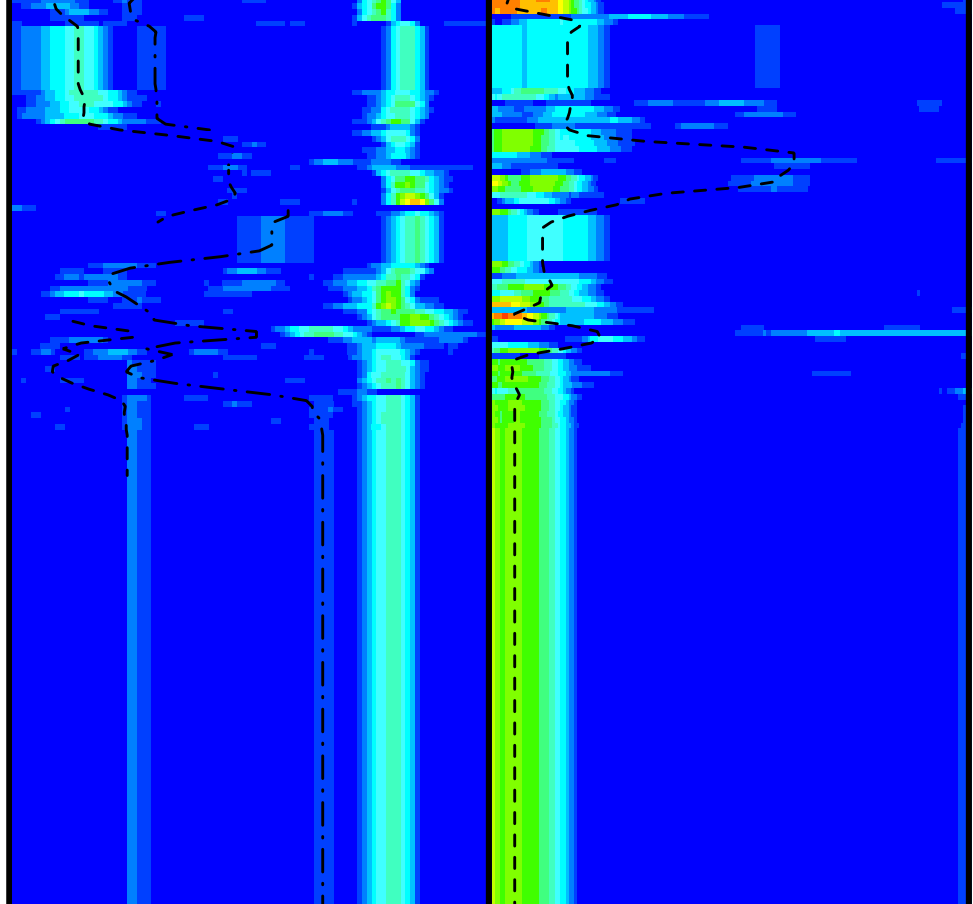
-FR GR





1650

FR DSI-



Bit Size (BS) (IN)	6	16
Delta-T Shear - Upper Dipole (DT2) (US/F)	440	40
Delta-T Comp - P & S (DT4P) (US/F)	440	40
Delta-T Shear - P & S (DT4S) (US/F)	440	40
Gamma Ray (GR) (GAPI)	0	100
Tension (TENS) (LBF)	10000	0
Peak Coherence / RA - Upper Dipole (CHR2)	0	10
Peak Coherence / RA - P & S Comp (CHRP)	0	10
Peak Coherence / RA - P & S Shear (CHRS)	-1	9
Waveform Data Copy Indicator 4 - Monopole P&S (WCI4)	0	10

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

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

Pass #1, P&S, Upper Dipole Shear

Parameters

DLIS Name	Description	Value	
GPIT-A/B: General Purpose Inclinometer			
ACPP	Accelerometer PROM Presence	PRESENT	
AFMO	Accelerometer Filtering Mode	MOVING_AVERAGE	
ART	Accelerometer Reference Temperature	20	DEGC
GLM	GPIT Logging Mode	DIPM	
ICMO	Inclinometry Computation Mode	AUTOMATIC_SELECTION	
MAPP	Magnetometer PROM Presence	PRESENT	
MDEC	Magnetic Field Declination	-17.7887	DEG
MRTE	Magneto Reference Temperature	19	DEGC
TEMS	GPIT Temperature Sensor Used	BOTH	
DSST-B: Dipole Shear Imager - B			
AGC1	Automatic Gain Control 1	ON	
AGC2	Automatic Gain Control 2	ON	
AGC3	Automatic Gain Control 3	ON	
AGC4	Automatic Gain Control 4	ON	
AGC5	Automatic Gain Control 5	ON	
AGCX	Automatic Gain Control X	ON	
BARS_MTR1	Length for Monopole Transmitter to Receiver 1	2.7432	M
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	15	DEGC
BILI	Bond Index Level for Zone Isolation	0.8	
CASF	Label Casing Function - Monopole P&S	50	
CDS	C-Delta-T Shale	100	US/F
COLL	Label Slowness Lower Limit - Monopole P&S Compressional	40	US/F
COUL	Label Slowness Upper Limit - Monopole P&S Compressional	180	US/F
CSTR	Compressive Strength of Cement	0	KPAA
DDE1	Digitizing Delay 1	0	US
DDE2	Digitizing Delay 2	0	US
DDE3	Digitizing Delay 3	0	US
DDE4	Digitizing Delay 4	0	US
DDE5	Digitizing Delay 5	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source - Dipole Shear	USE	
DLHS	Label Hole Diameter Source for SOBS Channel	AUTO	
DSHL	Label Slowness Lower Limit - Dipole Shear	75	US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	775	US/F
DSI1	Digitizer Sample Interval 1	10	US
DSI2	Digitizer Sample Interval 2	40	US
DSI3	Digitizer Sample Interval 3	10	US
DSI4	Digitizer Sample Interval 4	10	US
DSI5	Digitizer Sample Interval 5	10	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta-T Source for DTCS Channel	PS_COMP	
DTF	Delta-T Fluid	189	US/F
DTM	Delta-T Matrix	56	US/F
DTSS	Shear Delta-T Source for DTSM Channel	UPPER_DIPOLE	
DWC1	Digitizer Word Count 1	512	
DWC2	Digitizer Word Count 2	512	
DWC3	Digitizer Word Count 3	512	
DWC4	Digitizer Word Count 4	512	
DWC5	Digitizer Word Count 5	512	
DWCX	Digitizer Word Count X	512	
FCF	CBL Fluid Compensation Factor	1	
FDE1	Firing Delay 1	0	
FDE2	Firing Delay 2	0	
FDE3	Firing Delay 3	0	
FDE4	Firing Delay 4	0	
FDE5	Firing Delay 5	0	
FDEX	Firing Delay X	0	
FGM5	First Motion Gate Moveout 5	40	US/F
FGMX	First Motion Gate Moveout X	40	US/F
FILG	Label Fill Gap Control - Monopole P&S	COMP_SHEAR	
FMG5	First Motion Minimum Gate 5	500	US
FMGX	First Motion Minimum Gate X	500	US
FMLL	Slowness Lower Limit - FMD	40	US/F
FMRC	Restart Control - FMD	CONTINUE	
FMT5	First Motion Threshold 5	NONE	
FMTX	First Motion Threshold X	NONE	
FMUL	Slowness Upper Limit - FMD	180	US/F
FNC5	First Motion Noise Counter Input 5	ALO	
FNCX	First Motion Noise Counter Input X	ALO	
FPM	Processing Mode - FMD	NONE	
FTD5	First Motion Threshold Direction 5	UP	
FTDX	First Motion Threshold Direction X	UP	
GAI1	Manual Gain 1	10	
GAI2	Manual Gain 2	10	
GAI3	Manual Gain 3	10	
GAI4	Manual Gain 4	16	

GAI4	Manual Gain 4	10	
GAI5	Manual Gain 5	10	
GAIX	Manual Gain X	10	
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GDT1	Gain Delta-T 1	800	US/F
GDT2	Gain Delta-T 2	800	US/F
GDT3	Gain Delta-T 3	800	US/F
GDT4	Gain Delta-T 4	160	US/F
GDT5	Gain Delta-T 5	800	US/F
GDTX	Gain Delta-T X	800	US/F
GGRD	Geothermal Gradient	0.018227	DC/M
GIN1	Gain Interval 1	15360	US
GIN2	Gain Interval 2	15360	US
GIN3	Gain Interval 3	15360	US
GIN4	Gain Interval 4	2560	US
GIN5	Gain Interval 5	15360	US
GINX	Gain Interval X	15360	US
GOBO	Good Bond	2	MV
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
HPF1	High Pass Filter 1	F80	
HPF2	High Pass Filter 2	F80	
HPF3	High Pass Filter 3	F80	
HPF4	High Pass Filter 4	F8K	
HPF5	High Pass Filter 5	F80	
HPFX	High Pass Filter X	F80	
ITTS	Integrated Transit Time Source	DTCO	
LFC	Label Formation Character - Monopole P&S	DYNAMIC	
LPF1	Low Pass Filter 1	F5K	
LPF2	Low Pass Filter 2	F5K	
LPF3	Low Pass Filter 3	F5K	
LPF4	Low Pass Filter 4	F30K	
LPF5	Low Pass Filter 5	F5K	
LPFX	Low Pass Filter X	F5K	
LTXG	Lower Dipole Transmitter Geometry	156	IN
MAI5	Slowness Averaging Interval - FMD	42	IN
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MCI	Minimum Cemented Interval for Isolation	3.048	M
MCS	Mean Casing Slowness	57	US/F
MDS5	Multishot Delta-T Scatter - FMD	20	US
MSA	Minimum Sonic Amplitude	0	MV
MTXG	Monopole Transmitter Geometry	186	IN
MUX1	Sum Difference Multiplexor Input 1	RR	
MUX2	Sum Difference Multiplexor Input 2	RR	
MUX3	Sum Difference Multiplexor Input 3	RR	
MUX4	Sum Difference Multiplexor Input 4	RR	
MUX5	Sum Difference Multiplexor Input 5	RR	
MUXX	Sum Difference Multiplexor Input X	RR	
NWI1	Number Waveform Items 1	0	
NWI2	Number Waveform Items 2	8	
NWI3	Number Waveform Items 3	0	
NWI4	Number Waveform Items 4	8	
NWI5	Number Waveform Items 5	0	
NWS1	Number Waveforms Stacked 1	1	
NWS2	Number Waveforms Stacked 2	1	
NWS3	Number Waveforms Stacked 3	1	
NWS4	Number Waveforms Stacked 4	1	
NWS5	Number Waveforms Stacked 5	1	
NWSX	Number Waveforms Stacked X	1	
RATE	Firing Rate	R7	
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	OFF	
SAM2	DSST Sonic Acquisition Mode 2 - Upper Dipole Mode	ODD	
SAM3	DSST Sonic Acquisition Mode 3 - Low Frequency Monopole Mode for Stoneley	OFF	
SAM4	DSST Sonic Acquisition Mode 4 - High Frequency Monopole Mode for P&S	EVEN	
SAM5	DSST Sonic Acquisition Mode 5 - High Frequency Monopole Mode for FMD	OFF	
SAMX	DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert	BCR	
SAS1	STC Sonic Array Status - Lower Dipole	255	
SAS2	STC Sonic Array Status - Upper Dipole	255	
SAS3	STC Sonic Array Status - Monopole Stoneley	255	
SAS4	STC Sonic Array Status - Monopole P&S	255	

SAS5	Sonic Array Status - FMD	255	
SBO1	STC Search Band Offset - Lower Dipole	3000	US
SBO2	STC Search Band Offset - Upper Dipole	3000	US
SBO3	STC Search Band Offset - Monopole Stoneley	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
SBW2	STC Search Bandwidth - Upper Dipole	8000	US
SBW3	STC Search Bandwidth - Monopole Stoneley	8000	US
SBW4	STC Search Bandwidth - Monopole P&S	2000	US
SFC1	STC Formation Character - Lower Dipole	SELECTABLE	
SFC2	STC Formation Character - Upper Dipole	SELECTABLE	
SFC3	STC Formation Character - Monopole Stoneley	SELECTABLE	
SFC4	STC Formation Character - Monopole P&S	SELECTABLE	
SFM1	STC Filter - Lower Dipole	B1-3K	
SFM2	STC Filter - Upper Dipole	B1-3K	
SFM3	STC Filter - Monopole Stoneley	B.5-1.5K	
SFM4	STC Filter - Monopole P&S	B3-20K	
SHLL	Label Slowness Lower Limit - Monopole P&S Shear	75	US/F
SHT	Surface Hole Temperature	20	DEGC
SHUL	Label Slowness Upper Limit - Monopole P&S Shear	180	US/F
LLL1	STC Slowness Lower Limit - Lower Dipole	75	US/F
LLL2	STC Slowness Lower Limit - Upper Dipole	75	US/F
LLL3	STC Slowness Lower Limit - Monopole Stoneley	180	US/F
LLL4	STC Slowness Lower Limit - Monopole P&S	40	US/F
SPFS	Sonic Porosity Formula	RAYMER_HUNT	
SPSO	Sonic Porosity Source	DTCO	
SST1	STC Slowness Step - Lower Dipole	4	US/F
SST2	STC Slowness Step - Upper Dipole	4	US/F
SST3	STC Slowness Step - Monopole Stoneley	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	775	US/F
SUL2	STC Slowness Upper Limit - Upper Dipole	775	US/F
SUL3	STC Slowness Upper Limit - Monopole Stoneley	780	US/F
SUL4	STC Slowness Upper Limit - Monopole P&S	240	US/F
SWD1	STC Slowness Width - Lower Dipole	40	US/F
SWD2	STC Slowness Width - Upper Dipole	40	US/F
SWD3	STC Slowness Width - Monopole Stoneley	40	US/F
SWD4	STC Slowness Width - Monopole P&S	10	US/F
TBDB	Tool String Bottom to DSST Bottom	0	IN
TBF1	STC Time for Baseline Fill - Lower Dipole	0	US
TBF2	STC Time for Baseline Fill - Upper Dipole	0	US
TBF3	STC Time for Baseline Fill - Monopole Stoneley	0	US
TBF4	STC Time for Baseline Fill - Monopole P&S	300	US
TLL1	STC Time Lower Limit - Lower Dipole	600	US
TLL2	STC Time Lower Limit - Upper Dipole	600	US
TLL3	STC Time Lower Limit - Monopole Stoneley	600	US
TLL4	STC Time Lower Limit - Monopole P&S	150	US
TST1	STC Time Step - Lower Dipole	200	US
TST2	STC Time Step - Upper Dipole	200	US
TST3	STC Time Step - Monopole Stoneley	200	US
TST4	STC Time Step - Monopole P&S	50	US
TTDT	Tool String Top to DSST Top	0	IN
TUL1	STC Time Upper Limit - Lower Dipole	13525	US
TUL2	STC Time Upper Limit - Upper Dipole	15525	US
TUL3	STC Time Upper Limit - Monopole Stoneley	12000	US
TUL4	STC Time Upper Limit - Monopole P&S	3660	US
TWA1	Transmitter Waveform Amplitude 1	179	
TWA2	Transmitter Waveform Amplitude 2	179	
TWA3	Transmitter Waveform Amplitude 3	179	
TWA4	Transmitter Waveform Amplitude 4	150	
TWA5	Transmitter Waveform Amplitude 5	179	
TWAX	Transmitter Waveform Amplitude X	179	
TWD1	STC Time Width - Lower Dipole	2000	US
TWD2	STC Time Width - Upper Dipole	2000	US
TWD3	STC Time Width - Monopole Stoneley	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
TWI3	STC Integration Time Window - Monopole Stoneley	2400	US
TWI4	STC Integration Time Window - Monopole P&S	500	US
TWR1	Transmitter Waveform Sample Rate 1	5	US
TWR2	Transmitter Waveform Sample Rate 2	5	US
TWR3	Transmitter Waveform Sample Rate 3	5	US
TWR4	Transmitter Waveform Sample Rate 4	5	US
TWR5	Transmitter Waveform Sample Rate 5	5	US
TWRX	Transmitter Waveform Sample Rate X	5	US
TWS1	Transmitter Waveform Select 1	0	
TWS2	Transmitter Waveform Select 2	0	
TWS3	Transmitter Waveform Select 3	0	

TWS4	Transmitter Waveform Select 4	6	
TWS5	Transmitter Waveform Select 5	0	
TWSX	Transmitter Waveform Select X	0	
UTXG	Upper Dipole Transmitter Geometry	162	IN
WFDTSP1	SAM1 Waveform Delta for Spectrum	0	US/F
WFDTSP2	SAM2 Waveform Delta for Spectrum	0	US/F
WFDTSP3	SAM3 Waveform Delta for Spectrum	0	US/F
WFDTSP4	SAM4 Waveform Delta for Spectrum	0	US/F
WFDTSPX	SAMX Waveform Delta for Spectrum	0	US/F
WFLLSP1	SAM1 Waveform Lower Limit for Spectrum	0	US
WFLLSP2	SAM2 Waveform Lower Limit for Spectrum	0	US
WFLLSP3	SAM3 Waveform Lower Limit for Spectrum	0	US
WFLLSP4	SAM4 Waveform Lower Limit for Spectrum	0	US
WFLLSPX	SAMX Waveform Lower Limit for Spectrum	0	US
WFM1	Waveform Mode 1	W1	
WFM2	Waveform Mode 2	W1	
WFM3	Waveform Mode 3	W1	
WFM4	Waveform Mode 4	W1	
WFM5	Waveform Mode 5	W1	
WFMX	Waveform Mode X	W1	
WFULSP1	SAM1 Waveform Upper Limit for Spectrum	20000	US
WFULSP2	SAM2 Waveform Upper Limit for Spectrum	20000	US
WFULSP3	SAM3 Waveform Upper Limit for Spectrum	20000	US
WFULSP4	SAM4 Waveform Upper Limit for Spectrum	5000	US
WFULSPX	SAMX Waveform Upper Limit for Spectrum	20000	US
XMT1	Transmitter Select 1	NONE	
XMT2	Transmitter Select 2	DUP	
XMT3	Transmitter Select 3	NONE	
XMT4	Transmitter Select 4	MONO	
XMT5	Transmitter Select 5	NONE	
XMTX	Transmitter Select X	DUP	
SGT-N: Scintillation Gamma-Ray - N			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	15	DEGC
DPPM	Density Porosity Processing Mode	HIRS	
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
ISSBAR	SGT Nuclear Mud Type	NOBARITE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	20	DEGC
SOGR	SGT Standoff Distance	0	IN
System and Miscellaneous			
ALTDPCCHAN	Name of alternate depth channel	SpeedCorrectedDepth	
BS	Bit Size	9.875	IN
BSAL	Borehole Salinity	35000.00	PPM
CSIZ	Current Casing Size	0.000	IN
CWEI	Casing Weight	0.00	LB/F
DFD	Drilling Fluid Density	1.07	G/C3
MST	Mud Sample Temperature	23.00	DEGC
PBVSADP	Use alternate depth channel for playback	NO	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	1774	M
TDD	Total Depth - Driller	1774.00	M
TDL	Total Depth - Logger	1774.00	M
TWS	Temperature of Connate Water Sample	37.78	DEGC

Format: DSST_P_S_UPPER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 01-Jul-2003 02:58

OP System Version: 10C0-306

MCM

GPIT-A/B	10C0-306	DTA-A	10C0-306
DSST-B	SPC-2277-NUCL_b	SGT-N	10C0-306
DTC-H	10C0-306		

Output DLIS Files

DEFAULT	DSI_021LUP	FN:32	PRODUCER	01-Jul-2003 02:57
REDUCED	DSI_021LUP	FN:33	PRODUCER	01-Jul-2003 02:57

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
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General Purpose Inclinometer Wellsite Calibration - CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY

Before: 1-Jul-2003 2:05

TEMPERATURE REFERENCE :	N/A	N/A	20	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	92	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	10	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	448	N/A	N/A	N/A	

General Purpose Inclinometer Wellsite Calibration - CROUZET MAGNETOMETER PROM HAS BEEN READ CORRECTLY

Before: 1-Jul-2003 2:05

TEMPERATURE REFERENCE :	N/A	N/A	19	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	12	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	428	N/A	N/A	N/A	

Scintillation Gamma-Ray - N Wellsite Calibration - Detector Calibration

Before: Calibration out of date 17-May-2003 22:40

Gamma Ray (Jig - Bkg)	160.6	N/A	160.6	N/A	N/A	14.60	GAPI
Gamma Ray (Calibrated)	165.0	N/A	165.0	N/A	N/A	15.00	GAPI

General Purpose Inclinometer / Equipment Identification

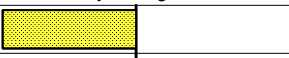
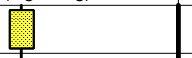
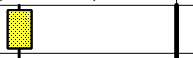
Primary Equipment:			
GPIT Cartridge - A	GPIC - A	719	
Auxiliary Equipment:			
GPIT Housing	GPIH - A		

Scintillation Gamma-Ray - N / Equipment Identification

Primary Equipment:			
Scintillation Gamma Cartridge	SGC - TB	9585	
Scintillation Gamma Detector	SGD - TAA		
Auxiliary Equipment:			
Scintillation Gamma Housing	SGH - K	2450	
Gamma Source Radioactive	GSR - U/Y		

Scintillation Gamma-Ray - N Wellsite Calibration

Detector Calibration

Phase	Gamma Ray Background GAPI	Value	Phase	Gamma Ray (Jig - Bkg) GAPI	Value	Phase	Gamma Ray (Calibrated) GAPI	Value
Before		4.499	Before		160.6	Before		165.0
	0 (Minimum) 30.00 (Nominal) 120.0 (Maximum)			146.0 (Minimum) 160.6 (Nominal) 175.2 (Maximum)			150.0 (Minimum) 165.0 (Nominal) 180.0 (Maximum)	

Before: Calibration out of date 17-May-2003 22:40

Company: Lamont Doherty



Well: ODP Leg 209, Site 1275D

Field: Mid Atlantic Ridge

Country:

Ocean: Atlantic

Dipole Shear Sonic
Gamma Ray

