Schlumberger

Company: Lamont Doherty

Well: ODP Leg 209, Site 1272A
Field: Mid Atlantic Ridge
Country: Ocean: Atlantic

Country: Mid Atlantic Ridge
Field: Rig- Joides Resolution
Location: ODP Leg 209, Site 1272A
Well: Lamont Doherty
Company:

Dipole Shear Sonic
Gamma Ray
P&S Compressional/Upper/Lower Dipole

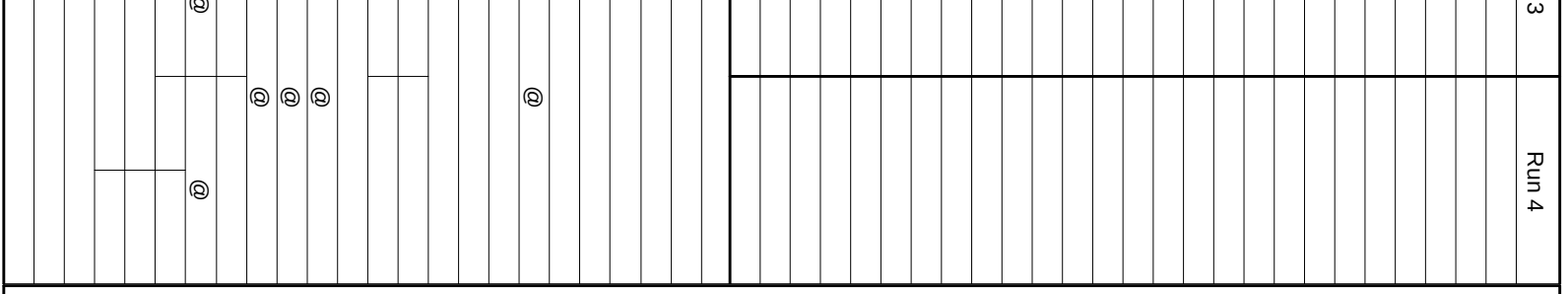
LOCATION

Rig- Joides Resolution		Elev.: K.B.	11.3 m
15 Deg 5.6682 ' N		G.L.	-2571 m
44 Deg 58.2994 ' W		D.F.	11 m
Permanent Datum:	MSL	Elev.:	0 m
Log Measured From:	DES	11.3 m	above Perm. Datum
Drilling Measured From:	DES		

API Serial No.	Max. Hole Devi.	Longitude 91.9343 W	Latitude 6.7365 N

	Run 1	Run 2	Run 3
Logging Date	11-Jun-2003		
Run Number	1		
Depth Driller	2702 m		
Schlumberger Depth	2695 m		
Bottom Log Interval	2675 m		
Top Log Interval	2600 m		
Casing Driller Size @ Depth	0.000 in @ 2612 m	@	@
Casing Schlumberger	2610 m		
Bit Size	9.875 in		
Type Fluid In Hole	Sepiolite		
MUD Density / Viscosity	1.066 g/cm3		
MUD Fluid Loss / PH			
MUD Source Of Sample			
RM @ Measured Temperature	0.322 ohm.m @ 73 degC	@	@
RMF @ Measured Temperature	@	@	@
RMC @ Measured Temperature	@	@	@
Source RMF / RMC			
RM @ MRT / RMF @ MRT	0.945 @ 11	@ 11	@ @
Maximum Recorded Temperatures	11 degC		
Circulation Stopped / Time	11-Jun-2003		
Logger On Bottom / Time	11-Jun-2003	See Log	
Unit Number / Location	99	Houston	
Recorded By	K. Swain		
Witnessed By	G. Iturrino		

	Run 1	Run 2	Run 3
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			
MUD Fluid Loss / PH			
MUD 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			



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OTHER SERVICES1	OTHER SERVICES2
OS1: HLDS	OS1:
OS2: DITE/ HGNGS	OS2:
OS3: FMS	OS3:
OS4:	OS4:
OS5:	OS5:

REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
Hole cored with RCB 9 7/8" bit.	
All depths in Meters Below Rig Floor (MBRF).	
Sepiolite mud was used.	
WHC was run.	
See logging report for more information.	
Pass #1= SAM4 P&S, Sam2 Upper Dipole, SamX BCR (not presented)	
Pass #2=Sam4 P&S, Sam1 Lower Dipole Low freq., Sam X BCR (not presented)	

RUN 1

SERVICE ORDER #:
PROGRAM VERSION: 10C0-306
FLUID LEVEL:

LOGGED INTERVAL	START	STOP

RUN 2

SERVICE ORDER #:
PROGRAM VERSION:
FLUID LEVEL:

LOGGED INTERVAL	START	STOP

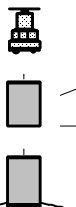
EQUIPMENT DESCRIPTION

RUN 1

SURFACE EQUIPMENT

GSR-U/Y
WITM (DTS)-A

DOWNHOLE EQUIPMENT



LEH-QT 32.33
LEH-QT 1497

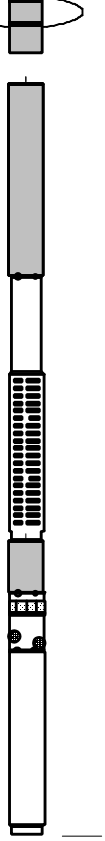
DTC-H 31.45
ECH-KC 9343

AH-mcd 30.53
AH-mcd

RUN 2

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

28.40



PWF — 12.86

Gamma Ray — 12.58

SGT-N
SGH-K 2450
SGC-TB 9585
SGD-TAA

12.86

AH-mcd
AH-mcd 1

11.18

DTA-A
ECH-KE 8231
DTA-A 8231

8.90

MEST-B
MEAH-B 701
MEAC-A 833
MEPH-A 702
GPIC-A 840
MEPC-AB
MEDS-B 771

7.68

MEDR MEAC
MEPC MEDS-B — 0.46
HV DF
Tension GPIT — 0.00

TOOL ZERO

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

Output DLIS Files

DEFAULT	FMS_DSI_013LUP	FN:18	PRODUCER	11-Jun-2003 23:45	2696.3 M	2601.5 M
REDUCED	FMS_DSI_013LUP	FN:19	PRODUCER	11-Jun-2003 23:45	2696.3 M	2601.5 M

OP System Version: 10C0-306

MCM

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

PIP SUMMARY

Time Mark Every 60 S

Tension (TENS)
10000 (LBF) 0

Gamma Ray (GR)
0 (GAPI) 100

Sonic Velocity (SVEL)
1000 (M/S) 6000

SAM1 Waveform Gain (WFG1)
0 (----) 1000

Delta-T Shear - Lower Dipole (DT1)
440 (US/F) 40

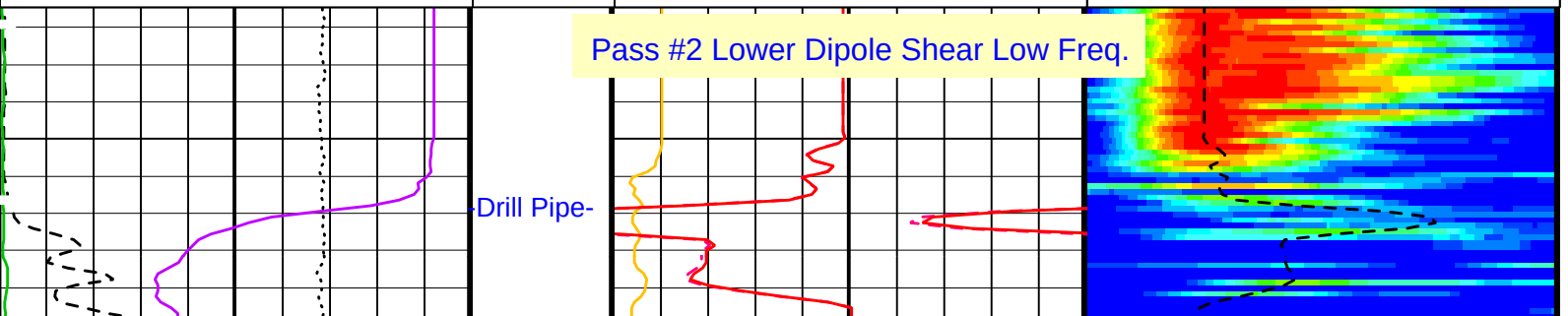
Delta-T Shear / RA - Lower Dipole (DT1R)
440 (US/F) 40

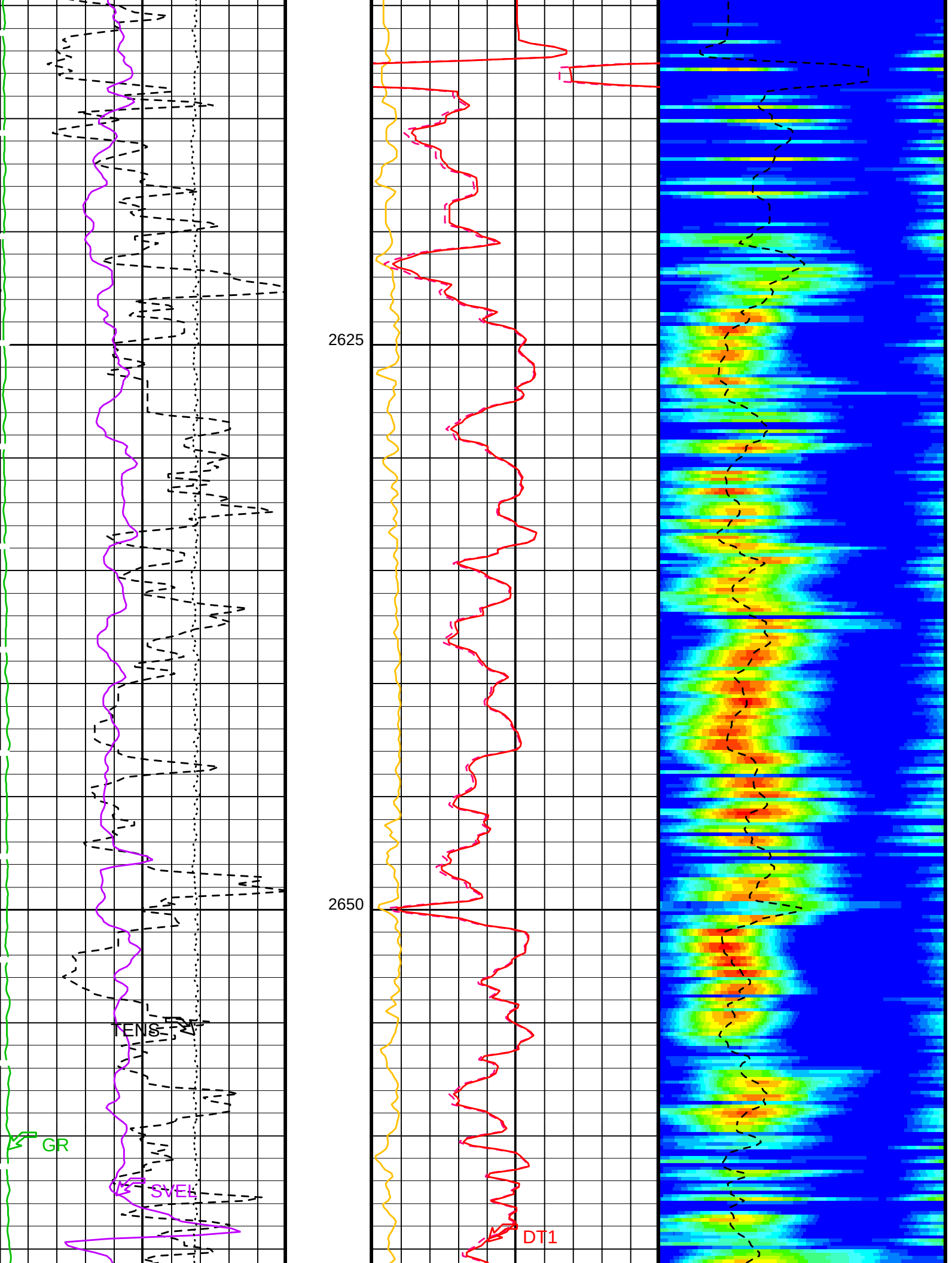
Min Amplitude Max

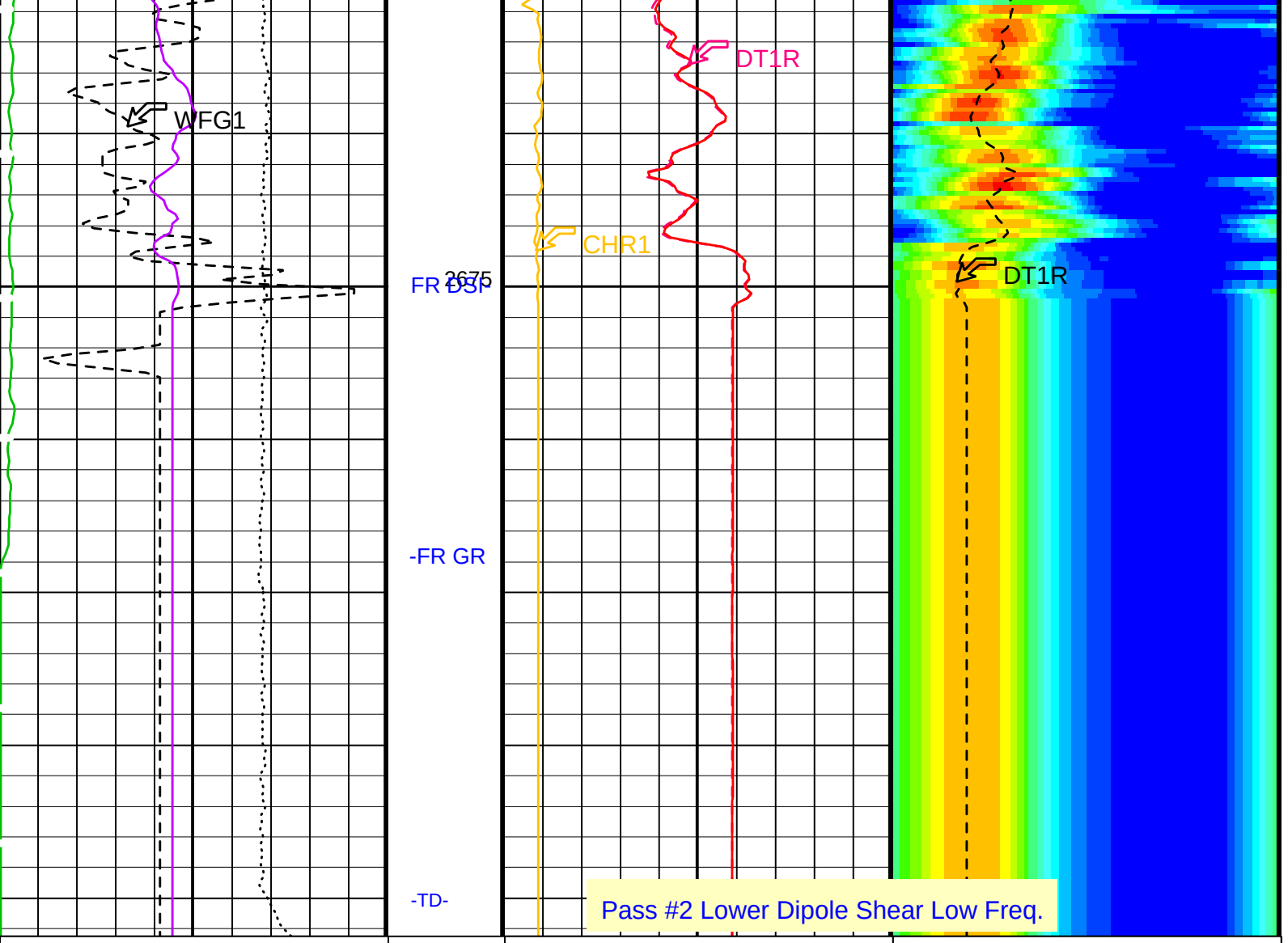
Rec.Array L.Dipole Slow Proj. CVDL (SPR1)
75 (US/F) 775

Peak Coherence / RA - Lower Dipole (CHR1)
0 (----) 10

Delta-T Shear / RA - Lower Dipole (DT1R)
75 (US/F) 775




2625
2650
TENS
GR
SVEL
DT1



SAM1 Waveform Gain (WFG1)
0 (----) 1000

Sonic Velocity (SVEL)
1000 (M/S) 6000

Gamma Ray (GR)
0 (GAPI) 100

Tension (TENS)
10000 (LBF) 0

Peak Coherence / RA - Lower Dipole (CHR1)
0 (----) 10

Delta-T Shear / RA - Lower Dipole (DT1R)
440 (US/F) 40

Delta-T Shear - Lower Dipole (DT1)
440 (US/F) 40

Delta-T Shear / RA - Lower Dipole (DT1R)
75 (US/F) 775

Min Amplitude Max

Rec.Array L.Dipole Slow Proj. CVDL (SPR1)
75 (US/F) 775

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	DSST-B: Dipole Shear Imager - B		
DDE1	Digitizing Delay 1	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
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta-T Source for DTCO Channel	PS_COMP	
DWC1	Digitizer Word Count 1	512	
DWCX	Digitizer Word Count X	512	

LTXG	Lower Dipole Transmitter Geometry	156	IN
NWI1	Number Waveform Items 1	8	
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	
SAMX	DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert BCR		
SAS1	STC Sonic Array Status - Lower Dipole	255	
SBO1	STC Search Band Offset - Lower Dipole	3000	US
SBW1	STC Search Bandwidth - Lower Dipole	8000	US
SFC1	STC Formation Character - Lower Dipole	SELECTABLE	
SFM1	STC Filter - Lower Dipole	B.3-1.5K	
SLL1	STC Slowness Lower Limit - Lower Dipole	75	US/F
SST1	STC Slowness Step - Lower Dipole	4	US/F
SSW1	STC Source Waveform - Lower Dipole	WF_SAM1	
SUL1	STC Slowness Upper Limit - Lower Dipole	775	US/F
SWD1	STC Slowness Width - Lower Dipole	40	US/F
TBF1	STC Time for Baseline Fill - Lower Dipole	0	US
TLL1	STC Time Lower Limit - Lower Dipole	600	US
TST1	STC Time Step - Lower Dipole	200	US
TUL1	STC Time Upper Limit - Lower Dipole	15912.5	US
TWD1	STC Time Width - Lower Dipole	2000	US
TWI1	STC Integration Time Window - Lower Dipole	1600	US
TWSX	Transmitter Waveform Select X	0	
WFM1	Waveform Mode 1	W1	

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 11-Jun-2003 23:45

OP System Version: 10C0-306

MCM

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

Output DLIS Files

DEFAULT	FMS_DSI_013LUP	FN:18	PRODUCER	11-Jun-2003 23:45		
REDUCED	FMS_DSI_013LUP	FN:19	PRODUCER	11-Jun-2003 23:45		

Output DLIS Files

DEFAULT	FMS_DSI_013LUP	FN:18	PRODUCER	11-Jun-2003 23:45	2696.3 M	2601.5 M
REDUCED	FMS_DSI_013LUP	FN:19	PRODUCER	11-Jun-2003 23:45	2696.3 M	2601.5 M

OP System Version: 10C0-306

MCM

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

PIP SUMMARY

Time Mark Every 60 S

Waveform Data Copy Indicator 4 - Monopole P&S (WCI4)

0 (----) 10

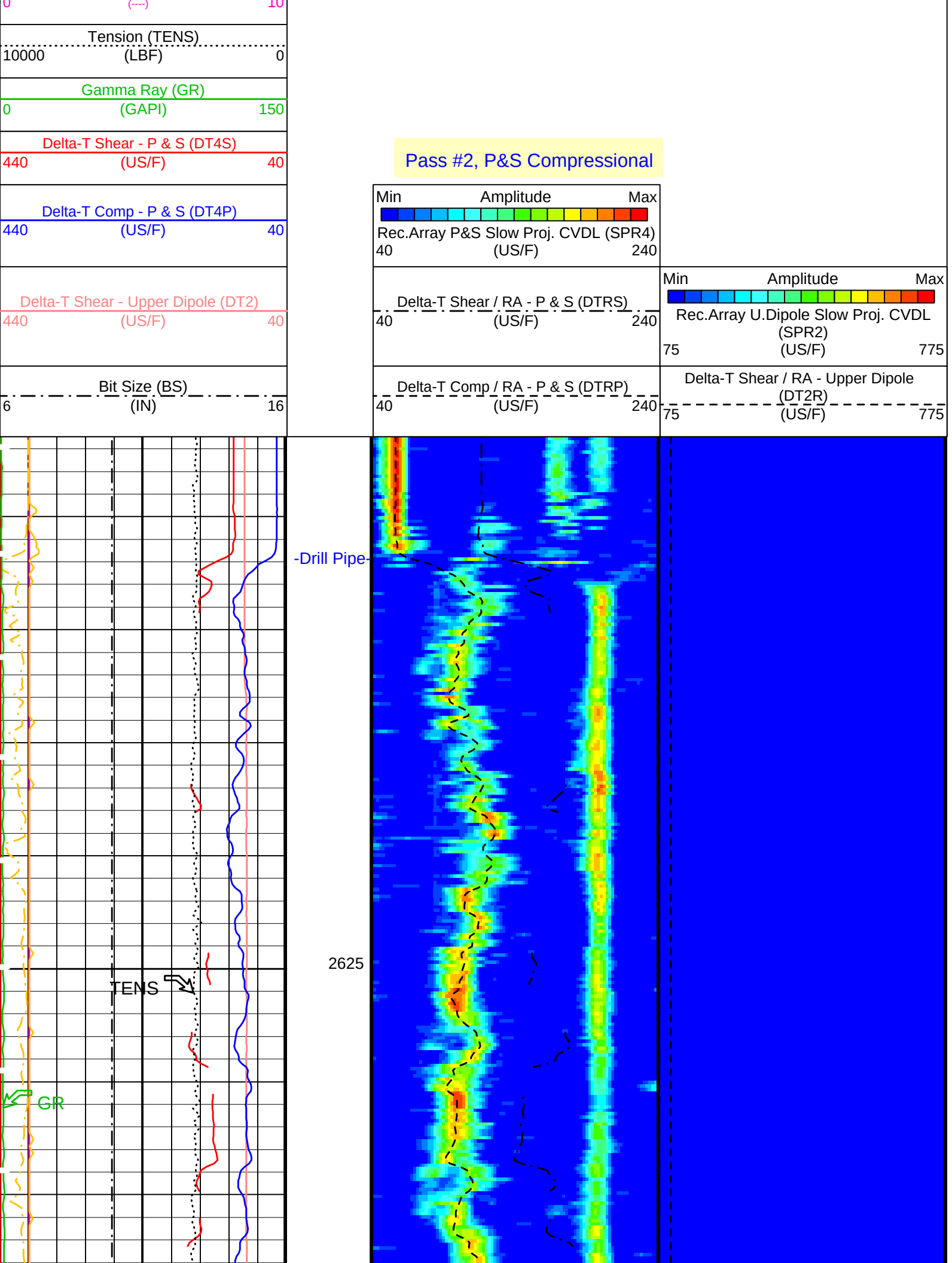
Peak Coherence / RA - P & S Shear (CHRS)

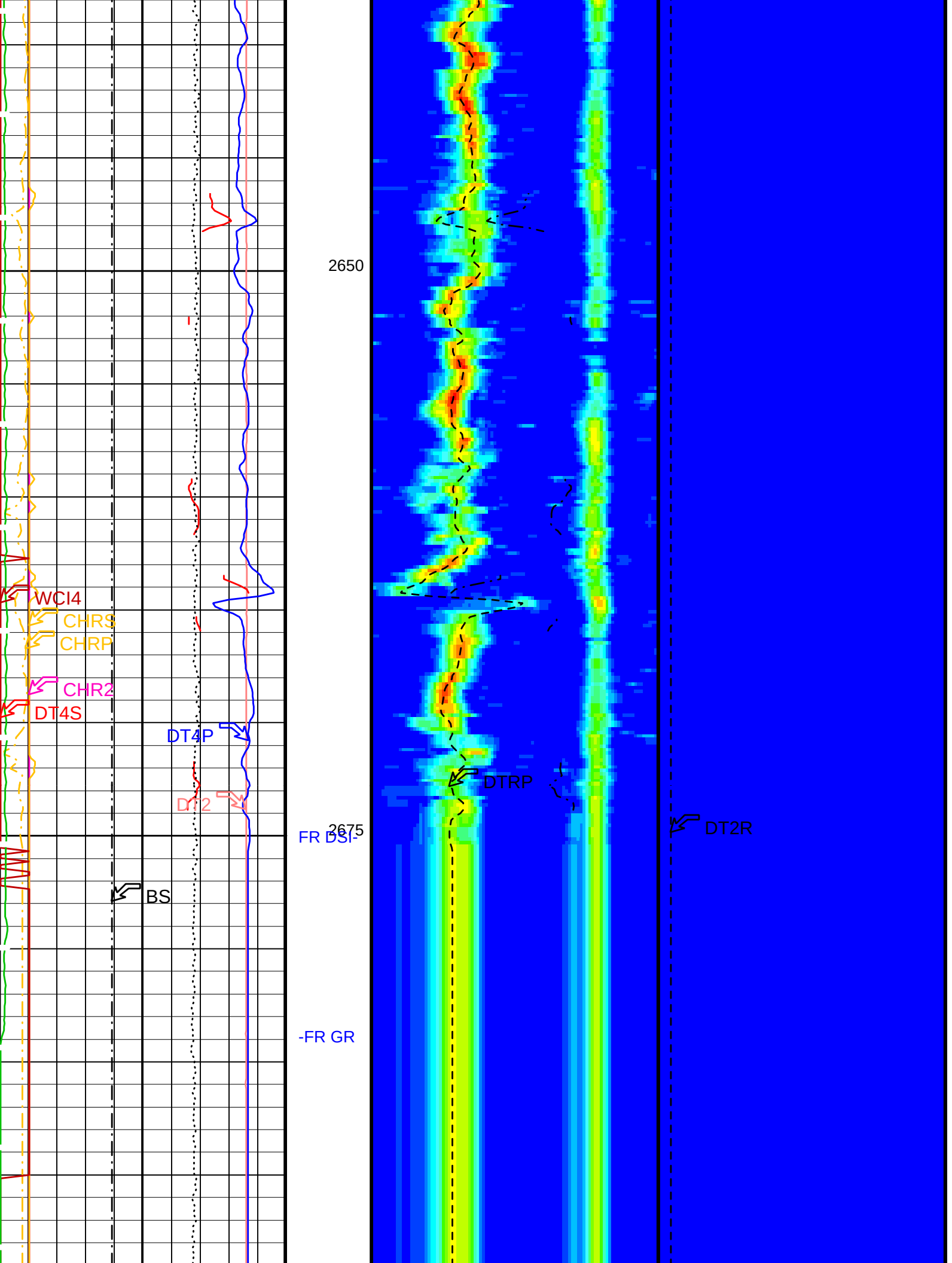
-1 (----) 9

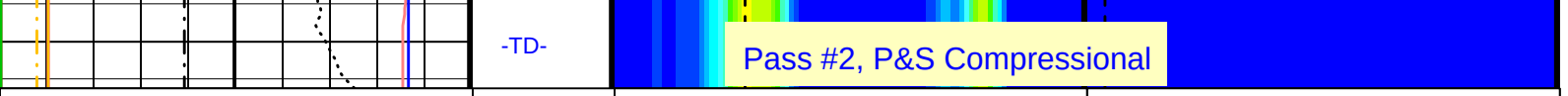
Peak Coherence / RA - P & S Comp (CHRP)

0 (----) 10

Peak Coherence / RA - Upper Dipole (CHR2)


0
(----)
10
Tension (TENS)
10000
(LBF)
0
Gamma Ray (GR)
0
(GAPI)
150
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)
6
(IN)
16
Pass #2, P&S Compressional
Min
Amplitude
Max
Rec.Array P&S Slow Proj. CVDL (SPR4)
40
(US/F)
240
Delta-T Shear / RA - P & S (DTRS)
40
(US/F)
240
Min
Amplitude
Max
Rec.Array U.Dipole Slow Proj. CVDL (SPR2)
75
(US/F)
775
Delta-T Comp / RA - P & S (DTRP)
40
(US/F)
240
Delta-T Shear / RA - Upper Dipole (DT2R)
75
(US/F)
775
-Drill Pipe-
2625
TENS
GR


2650
2675
WCI4
CHRS
CHRP
CHR2
DT4S
DT4P
DT2
BS
DTRP
DT2R
FR DSI-
-FR GR



Bit Size (BS)
6 (IN) 16

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

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

Delta-T Shear - P & S (DT4S)
440 (US/F) 40

Gamma Ray (GR)
0 (GAPI) 150

Tension (TENS)
10000 (LBF) 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)
40 (US/F) 240

Delta-T Shear / RA - P & S (DTRS)
40 (US/F) 240

Min Amplitude Max
Rec.Array P&S Slow Proj. CVDL (SPR4)
40 (US/F) 240

Delta-T Shear / RA - Upper Dipole (DT2R)
75 (US/F) 775

Min Amplitude Max
Rec.Array U.Dipole Slow Proj. CVDL (SPR2)
75 (US/F) 775

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	SGT-N: Scintillation Gamma-Ray - N		
BHS	Borehole Status	OPEN	
	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
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	10	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
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	
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	0	

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
SAM2	DSST Sonic Acquisition Mode 2 - Upper Dipole Mode	OFF	
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	BCR	
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	B1-3K	
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	
	System and Miscellaneous		
BS	Bit Size	9.875	IN

Format: DSST_P_S_UPPER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 11-Jun-2003 23:45

OP System Version: 10C0-306

MCM

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

Output DLIS Files

DEFAULT	FMS_DSI_013LUP	FN:18	PRODUCER	11-Jun-2003 23:45		
REDUCED	FMS_DSI_013LUP	FN:19	PRODUCER	11-Jun-2003 23:45		

Output DLIS Files

DEFAULT	FMS_DSI_012LUP	FN:16	PRODUCER	11-Jun-2003 23:19	2696.7 M	2600.4 M
REDUCED	FMS_DSI_012LUP	FN:17	PRODUCER	11-Jun-2003 23:19	2696.7 M	2600.4 M

OP System Version: 10C0-306

MCM

MEST-B	10C0-306	DTA-A	10C0-306
SGT-N	10C0-306	DSST-B	SPC-2277-NUCL_b
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)
10000 (LBF) 0

Gamma Ray (GR)
0 (GAPI) 150

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)
6 (IN) 16

1st Pass, P&S, Upper Dipole Shear (standard freq.)

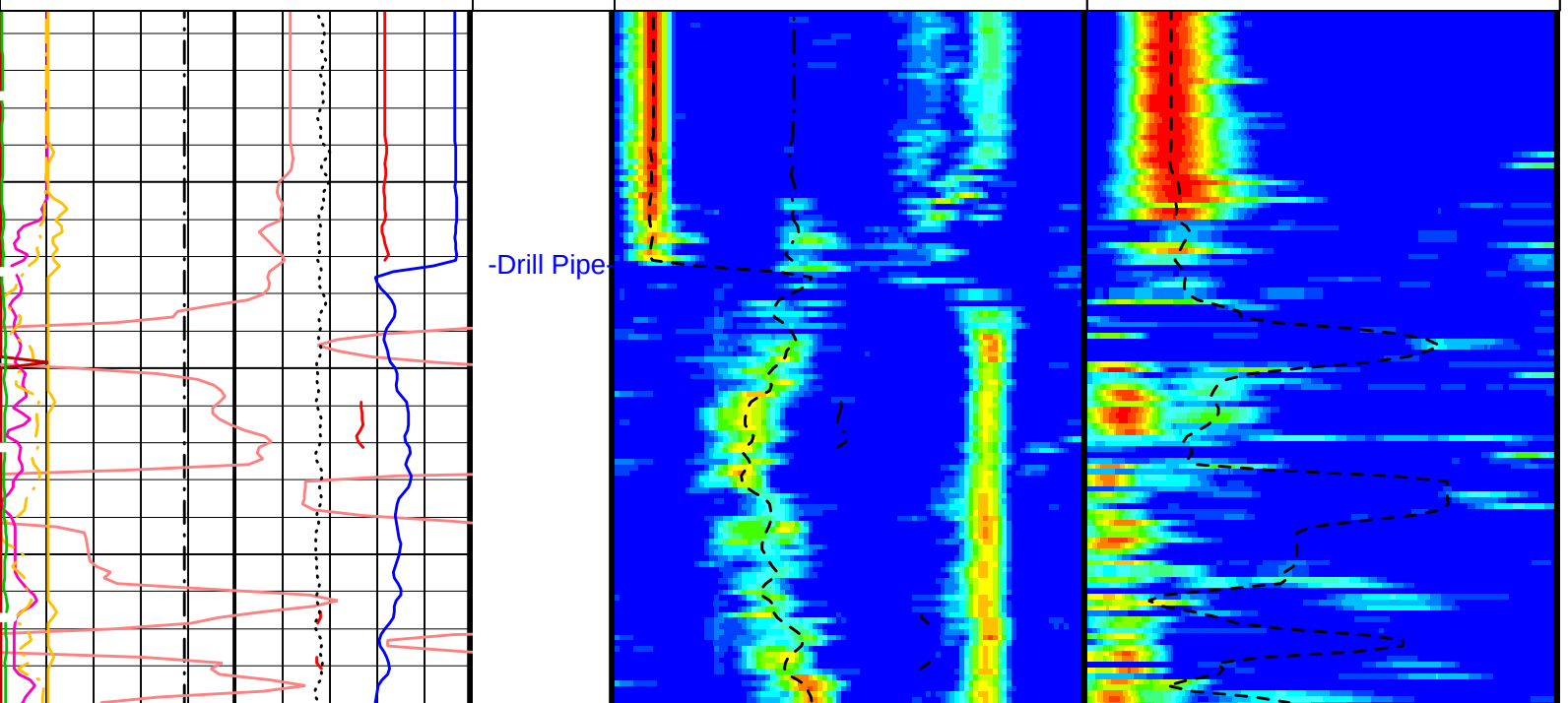
Min Amplitude Max
Rec.Array P&S Slow Proj. CVDL (SPR4)
40 (US/F) 240

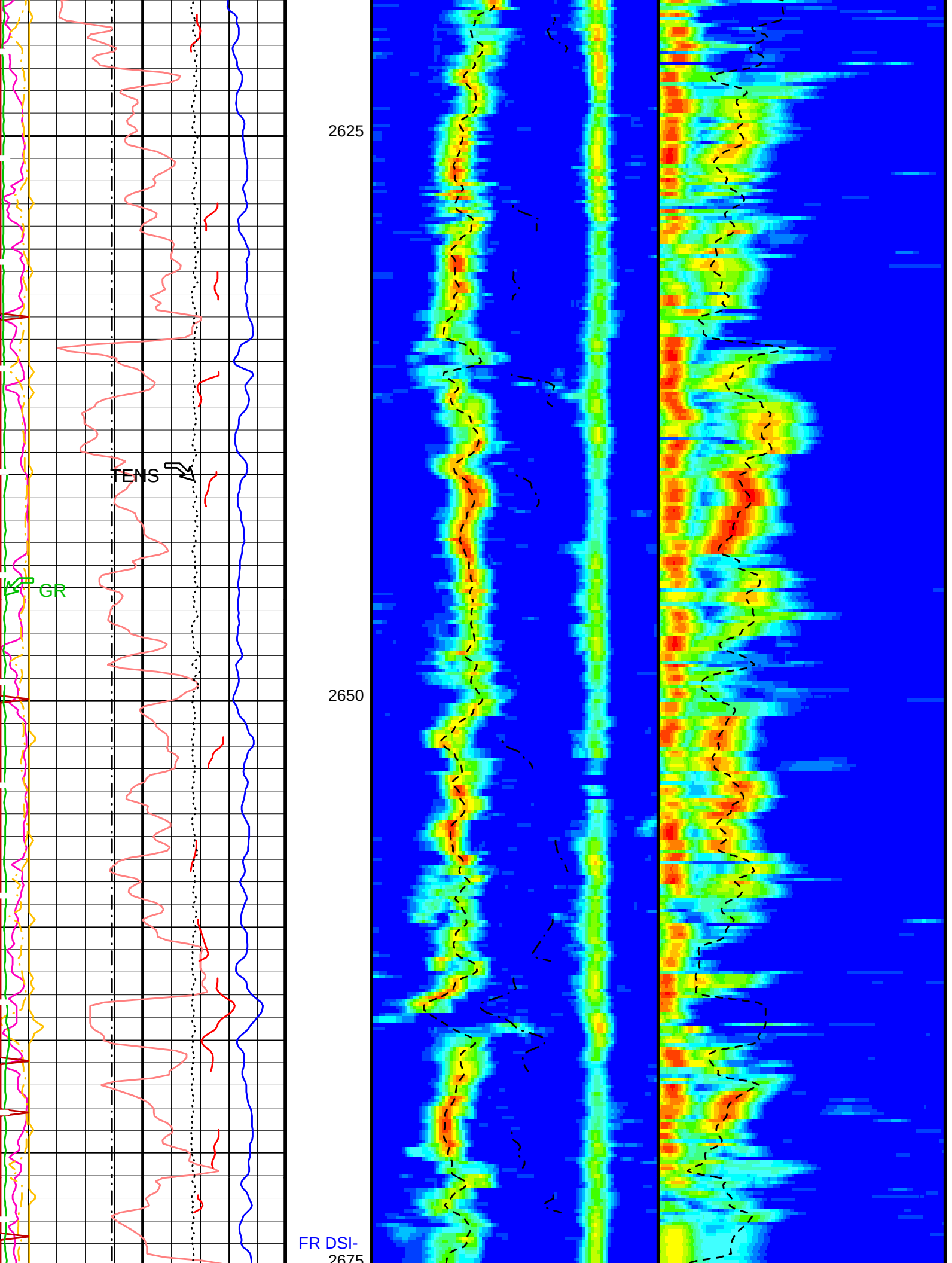
Delta-T Shear / RA - P & S (DTRS)
40 (US/F) 240

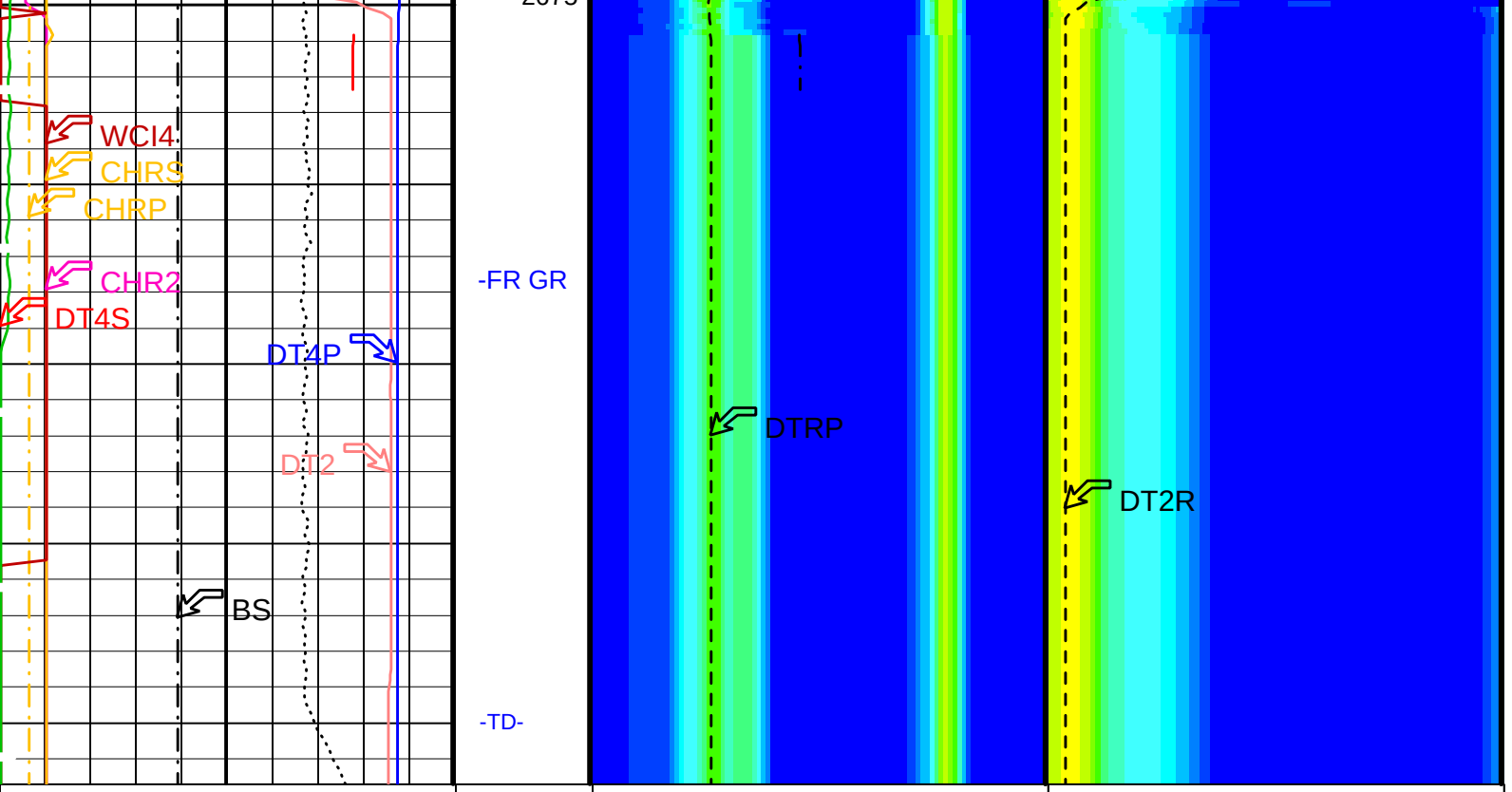
Min Amplitude Max
Rec.Array U.Dipole Slow Proj. CVDL (SPR2)
75 (US/F) 775

Delta-T Comp / RA - P & S (DTRP)
40 (US/F) 240

Delta-T Shear / RA - Upper Dipole (DT2R)
75 (US/F) 775




2625
TENS
GR
2650
FR DSI-
2675



Bit Size (BS)
6 (IN) 16

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

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

Delta-T Shear - P & S (DT4S)
440 (US/F) 40

Gamma Ray (GR)
0 (GAPI) 150

Tension (TENS)
10000 (LBF) 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)
40 (US/F) 240

Delta-T Shear / RA - P & S (DTRS)
40 (US/F) 240

Min Amplitude Max
Rec.Array P&S Slow Proj. CVDL (SPR4)
40 (US/F) 240

Delta-T Shear / RA - Upper Dipole (DT2R)
75 (US/F) 775

Min Amplitude Max
Rec.Array U.Dipole Slow Proj. CVDL (SPR2)
75 (US/F) 775

1st Pass, P&S, Upper Dipole Shear (standard freq.)

PIP SUMMARY

Time Mark Every 60 S

Parameters

Parameters

DLIS Name	Description	Value	
	SGT-N: Scintillation Gamma-Ray - N		
BHS	Borehole Status	OPEN	
	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
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	189	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	
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	
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	BCR	
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	B1-3K	
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	
	System and Miscellaneous		
BS	Bit Size	9.875	IN

Format: DSST_P_S_UPPER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 11-Jun-2003 23:19

OP System Version: 10C0-306

MCM

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

Output DLIS Files

DEFAULT	FMS_DSI_012LUP	FN:16	PRODUCER	11-Jun-2003 23:19
REDUCED	FMS_DSI_012LUP	FN:17	PRODUCER	11-Jun-2003 23:19

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 17-May-2003 22:48							
Caliper 1 Zero Measurement	12.00	N/A	12.59	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	12.00	N/A	12.45	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.00	N/A	15.83	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.00	N/A	15.85	N/A	N/A	N/A	IN
Micro Electrical Scanner - B (Slim) Wellsite Calibration - CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: Calibration out of date 17-May-2003 20:38							
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: Calibration out of date 17-May-2003 20:38							
TEMPERATURE REFERENCE :	N/A	N/A	25	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	91	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	5	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	98	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

Micro Electrical Scanner - B (Slim) / Equipment Identification

Primary Equipment:		
MEST Sonde - B	MEDS - B	771
MEST Preamplifier Cartridge - AB	MEPC - AB	
GPIT Cartridge - A	GPIC - A	719
MEST Acquisition Cartridge - A	MEAC - A	833
Auxiliary Equipment:		
MEST-B Preamplifier Cartridge Housing	MEPH - A	702
MEST Acquisition Cartridge Housing (Slim	MEAH - B	701

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 - HX	

Gamma Source Radioactive	GSR - 0/Y

Scintillation Gamma-Ray - N Wellsite Calibration

Detector Calibration

Phase	Gamma Ray Background GAPI	Value
Before		4.499
	0 (Minimum) 30.00 (Nominal) 120.0 (Maximum)	

Phase	Gamma Ray (Jig - Bkg) GAPI	Value
Before		160.6
	146.0 (Minimum) 160.6 (Nominal) 175.2 (Maximum)	

Phase	Gamma Ray (Calibrated) GAPI	Value
Before		165.0
	150.0 (Minimum) 165.0 (Nominal) 180.0 (Maximum)	

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

Company: Lamont Doherty

Schlumberger

Well: ODP Leg 209, Site 1272A

Field: Mid Atlantic Ridge

Country:

Ocean: Atlantic

Dipole Shear Sonic
Gamma Ray
P&S Compressional/Upper/Lower Dipole