Schlumberger

Company: **Lamont Doherty Earth Observatory**

Well: **Expedition 340, Site U1394B**
Field: **Lesser Antilles Volcanism and Landslides**
Rig: **JOIDES Resolution** Ocean: **Caribbean**

Rig: JOIDES Resolution
Field: Lesser Antilles Volcanism and La
Location: Latitude: N 16* 38.43'
Well: Expedition 340, Site U1394B
Company: Lamont Doherty Earth Observato

Dipole Shear Sonic
Compressional (P&S), Dipole Shear
Gamma Ray

LOCATION

Latitude: N 16* 38.43'
Longitude: W 62* 2.29'

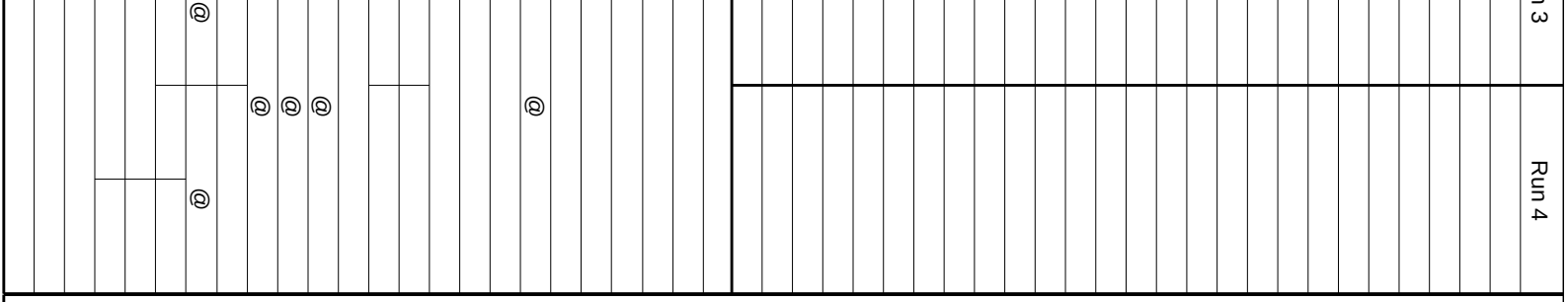
Elev.: K.B. −1125.00 m
G.L. 0.00 m
D.F. −1125.00 m

Permanent Datum: Sea Floor — Elev.: 0.00 m
Log Measured From: Sea Floor — 0.00 m above Perm. Datum
Drilling Measured From: Sea Floor

API Serial No.	Max. Hole Devi. 0 deg	Longitude W 62* 2.29'	Latitude N 16* 38.43

	Run 1	Run 2	Run
Logging Date	12−Mar−2012		
Run Number	1		
Depth Driller	182 m		
Schlumberger Depth	180 m		
Bottom Log Interval	180 m		
Top Log Interval	0 m		
Casing Driller Size @ Depth	11.438 in @ 83 m	@	
Casing Schlumberger	80 m		
Bit Size	11.438 in		
Type Fluid In Hole	seawater/sepiolite/barite		
MUD Density / Viscosity	1.25 g/cm3 /	/	/
MUD Fluid Loss / PH	/	/	/
MUD 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	@ 21 / @ 21	@ / @	
Maximum Recorded Temperatures	21 degC		
Circulation Stopped / Time	12−Mar−2012 / 12:00		
Logger On Bottom / Time	12−Mar−2012 / 8:30		
Unit Number / Location	625003 / Houston		
Recorded By	K. Swain		
Witnessed By	A. Slagle, S. Morgan		

	Run 1	Run 2	Run
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			



DISCLAIMER

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OTHER SERVICES1	OTHER SERVICES2
OS1: HRLA	OS1:
OS2: Caliper	OS2:
OS3: MSS	OS3:
OS4:	OS4:
OS5:	OS5:

REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
Hole drilled with APC/XCB coring bit and bottom hole assembly (BHA).	
2 MCD centralizers run to centralize the DSI.	
DSI run with SAM1 low frequency lower dipole, SAM2 standard frequency upper	
dipole, SAM4 P&S monopole compressional standard frequency.	
Logging speed 1800ft/hr.	
FMS to be processed by LDEO via Geoframe software.	
Wireline logs originally logged reference to drill floor but logs presented	
in final logs here are referenced to sea floor as requested by LDEO.	

RUN 1

SERVICE ORDER #:
PROGRAM VERSION: 19C0−187
FLUID LEVEL:

LOGGED INTERVAL	START	STOP

RUN 2

SERVICE ORDER #:
PROGRAM VERSION:
FLUID LEVEL:

LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1 RUN 2

SURFACE EQUIPMENT

WITM (EDTS)−A 1

DOWNHOLE EQUIPMENT

LEH−QT
LEH−QT 301

EDTC−B
EDTH−B 8303
EDTC−B 8317
EDTG−A/B 8305

MDSB_EDTC
Mud Tempe
CTEM
Gamma Ray
EFTB DIAG
TelStatus
EDTCB Ele

31.88

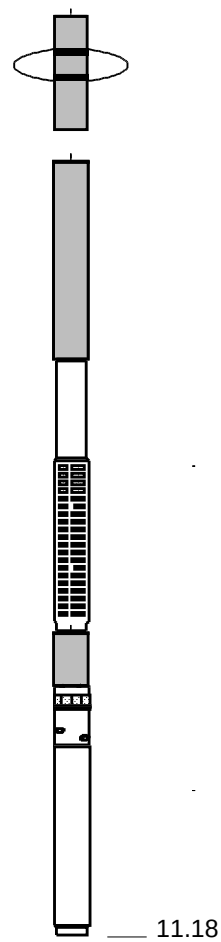
30.99

AH−MCD
AH−MCD 1

29.01

DSST−B
SPAC−B 16
ECH−SD 16
SMDR−BD 8232
SSIJ−BA 8192
SMDX−AA 8194

26.73



AH−knuckle
AH−knuckle 1835

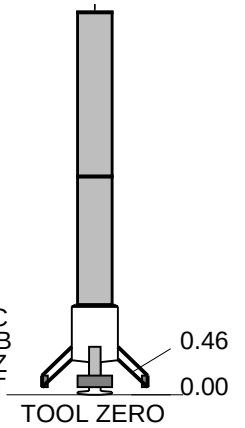
11.18

DTA−A
ECH−KE 8451
DTA−A 8259

8.90

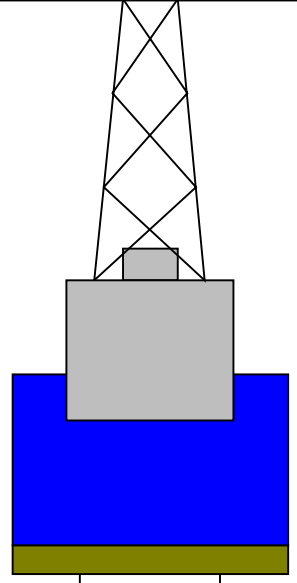
MEST−B
MEAH−B 726
MEAC−A 875
MEPH−A 702
GPIC−AC 840
MEPC−AB 807
MEDS−B 702

7.68



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

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



Kelly Bushing Elevation	−1125				
Derrick Floor Elevation	−1125				
Mean Sea Level	−1114				
				4.1	
		0	3.80		Sea Floor
		83	11.43		Open Hole
		182			Total Depth

Input DLIS Files

DEFAULT	FMS_DSI_024LUP	FN:25	PRODUCER	12−Mar−2012 19:17	1305.8 M	1116.6 M

Output DLIS Files

DEFAULT	FMS_DSI_031PUP	FN:32	PRODUCER	14−Mar−2012 09:40	181.8 M	−7.3 M

OP System Version: 19C0−187

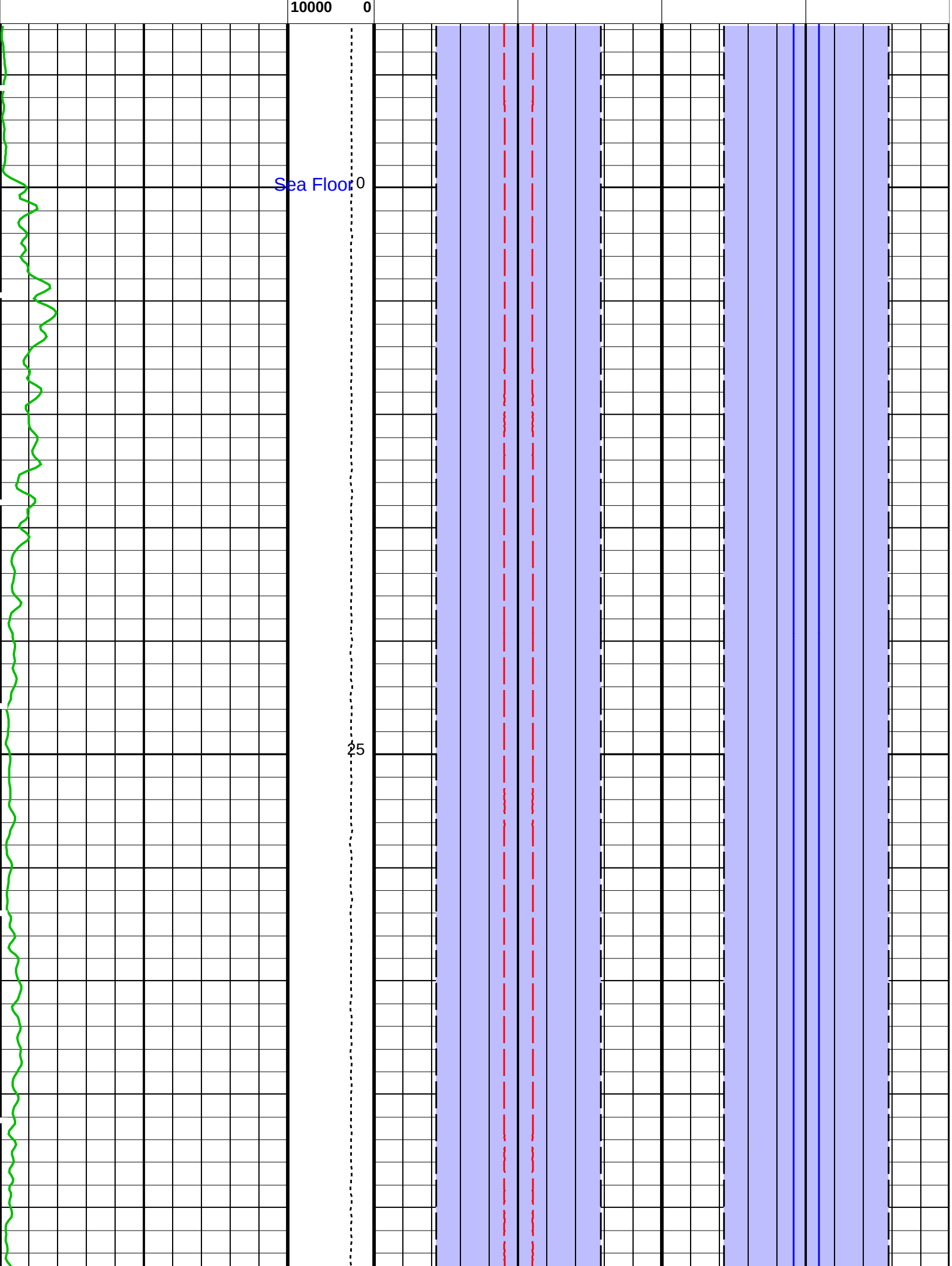
MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	EDTC−B	SKK−5169−EDTCB

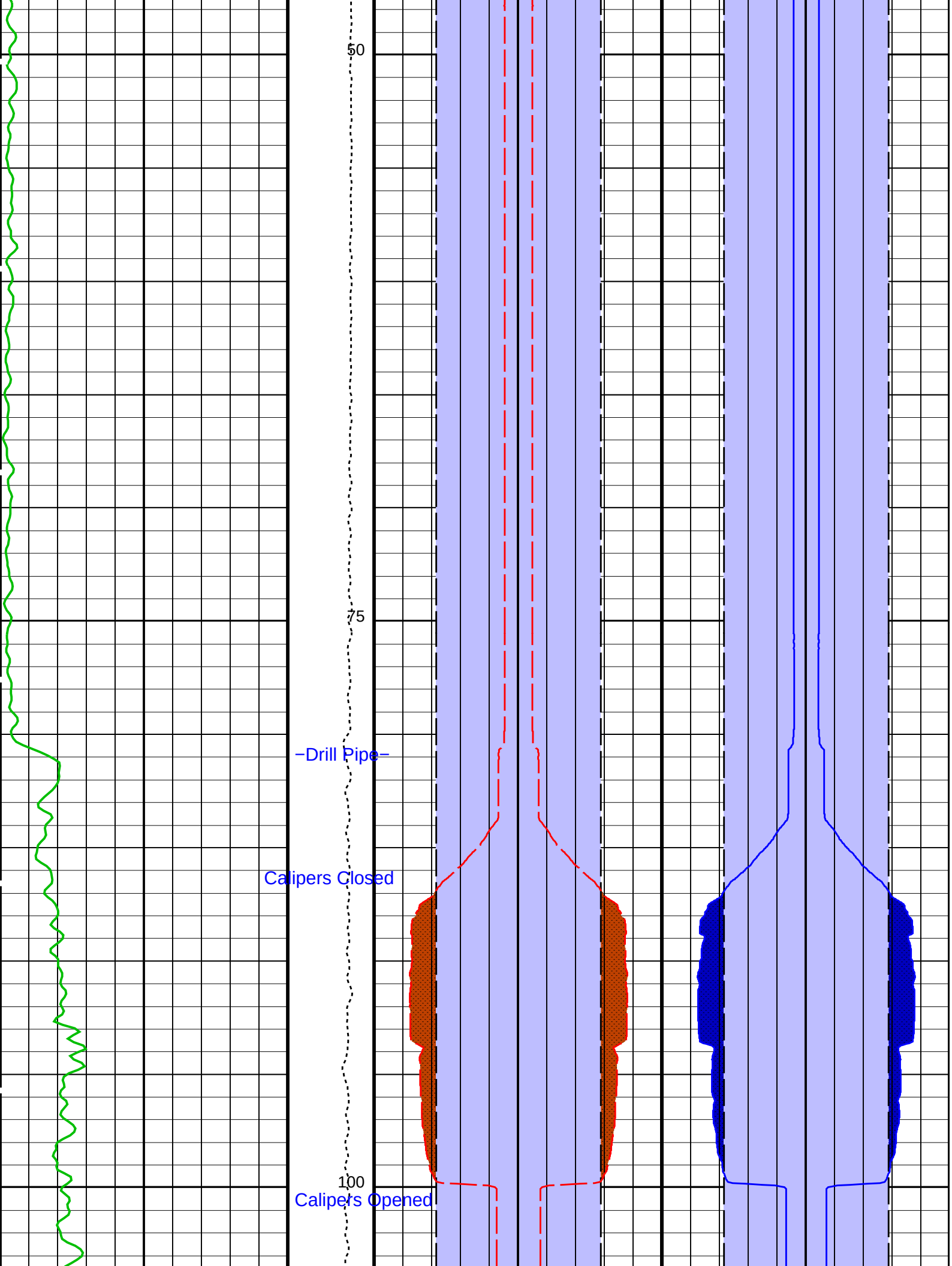
PIP SUMMARY

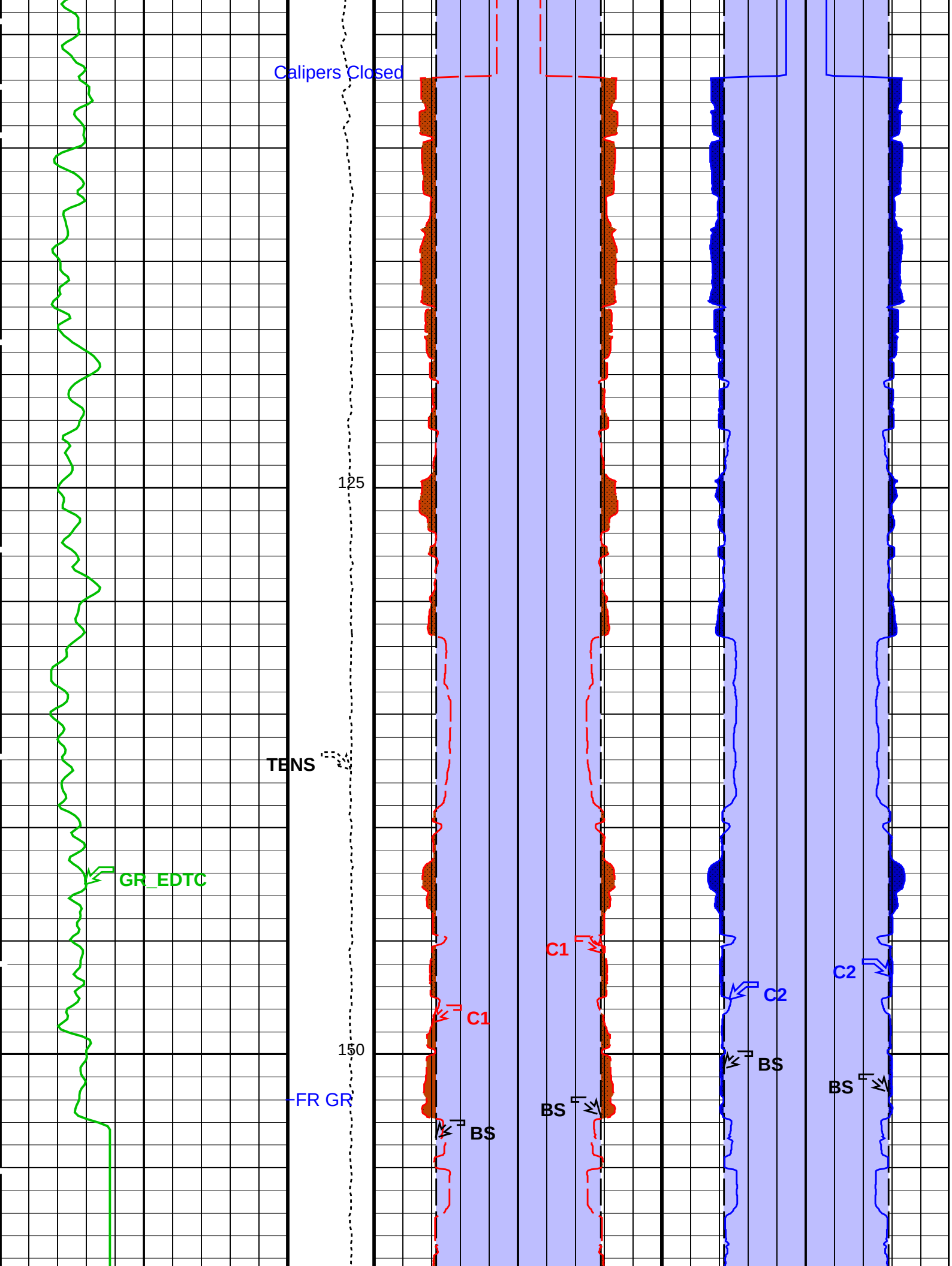
Time Mark Every 60 S

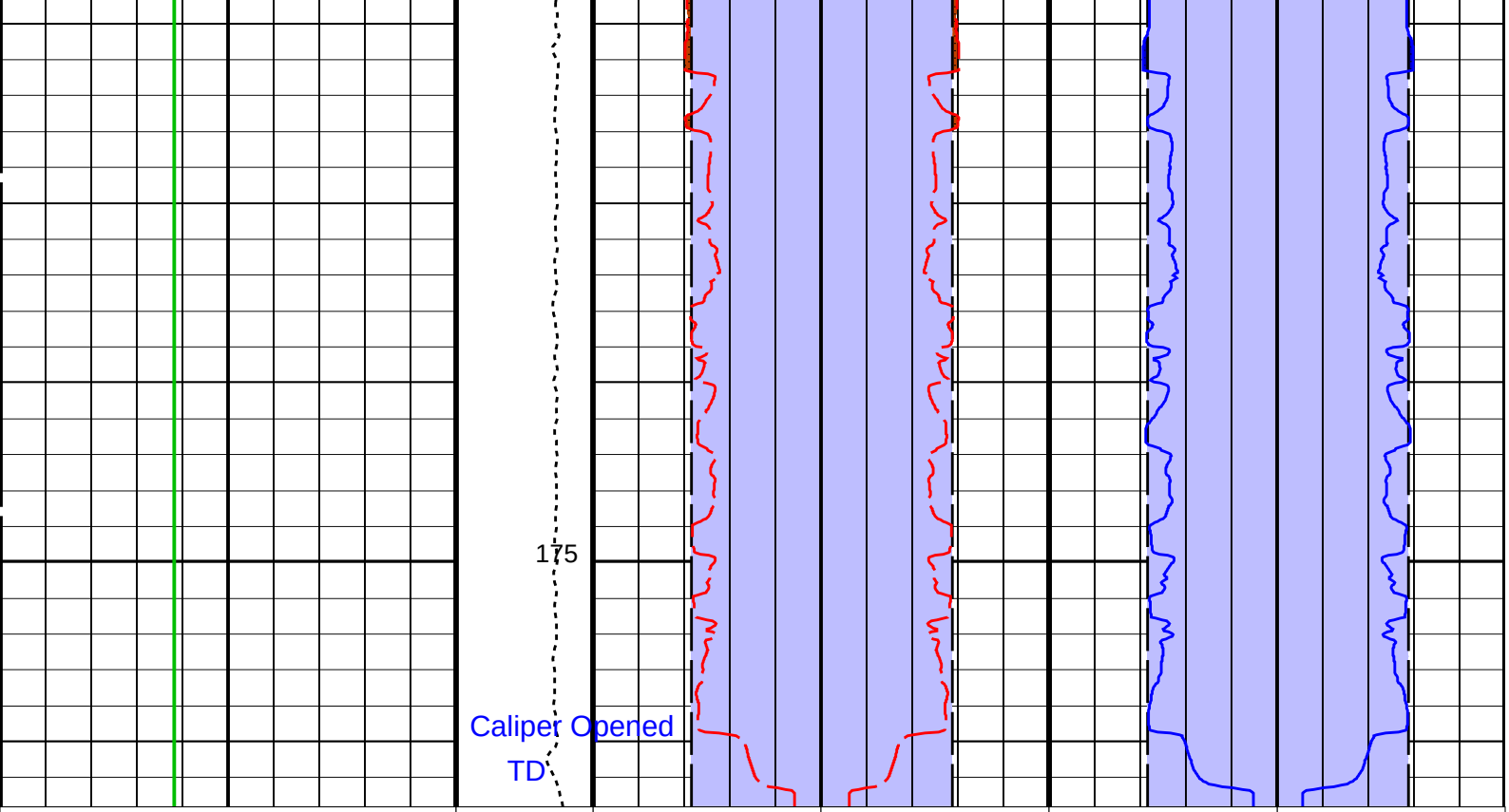
2nd Pass, Sea Floor Depth Reference

Gamma Ray (GR_EDTC)	Tension (TENS)	Area From BS to BS_1		Area From BS_3 to BS_2	
		Area From C1 to BS	Area From BS_1 to C1_1	Area From C2 to BS_3	Area From BS_2 to C2_1
		Caliper 1 (C1)	Caliper 1 (C1)	Caliper 2 (C2)	Caliper 2 (C2)
		20 (IN) 0	0 (IN) 20	20 (IN) 0	0 (IN) 20
0 (GAPI) 75	(LBF)	Bit Size (BS)	Bit Size (BS)	Bit Size (BS)	Bit Size (BS)
		20 (IN) 0	0 (IN) 20	20 (IN) 0	0 (IN) 20


10000
0
Sea Floor
0
25


50
75
−Drill Pipe−
Calipers Closed
100
Calipers Opened


Calipers Closed
125
TENS
GR_EDTC
C1
C1
C2
C2
150
FR GR
BS
BS
BS
BS



Gamma Ray (GR_EDTC)	Tension (TENS)	Bit Size (BS)	Bit Size (BS)	Bit Size (BS)	Bit Size (BS)
0 (GAPI) 75	(LBF) 10000 0	20 (IN) 0	0 (IN) 20	20 (IN) 0	0 (IN) 20
		Caliper 1 (C1) 20 (IN) 0	Caliper 1 (C1) 0 (IN) 20	Caliper 2 (C2) 20 (IN) 0	Caliper 2 (C2) 0 (IN) 20

2nd Pass, Sea Floor Depth Reference

Area From C1 to BS | Area From BS_1 to C1_1 | Area From C2 to BS_3 | Area From BS_2 to C2_1

Area From BS to BS_1 | Area From BS_3 to BS_2

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	System and Miscellaneous		
BS	Bit Size	11.438	IN
DO	Depth Offset for Playback	−1124.0	M
PP	Playback Processing	NORMAL	

Format: BHP Vertical Scale: 1:200 Graphics File Created: 14−Mar−2012 09:40

OP System Version: 19C0−187

MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	EDTC−B	SKK−5169−EDTCB

Input DLIS Files

DEFAULT	FMS_DSI_024LUP	FN:25	PRODUCER	12−Mar−2012 19:17	1305.8 M	1116.6 M

Output DLIS Files

DEFAULT	FMS_DSI_031PUP	FN:32	PRODUCER	14−Mar−2012 09:40

Input DLIS Files

DEFAULT	FMS_DSI_023LUP	FN:24	PRODUCER	12−Mar−2012 19:05	1306.4 M	1239.9 M

Output DLIS Files

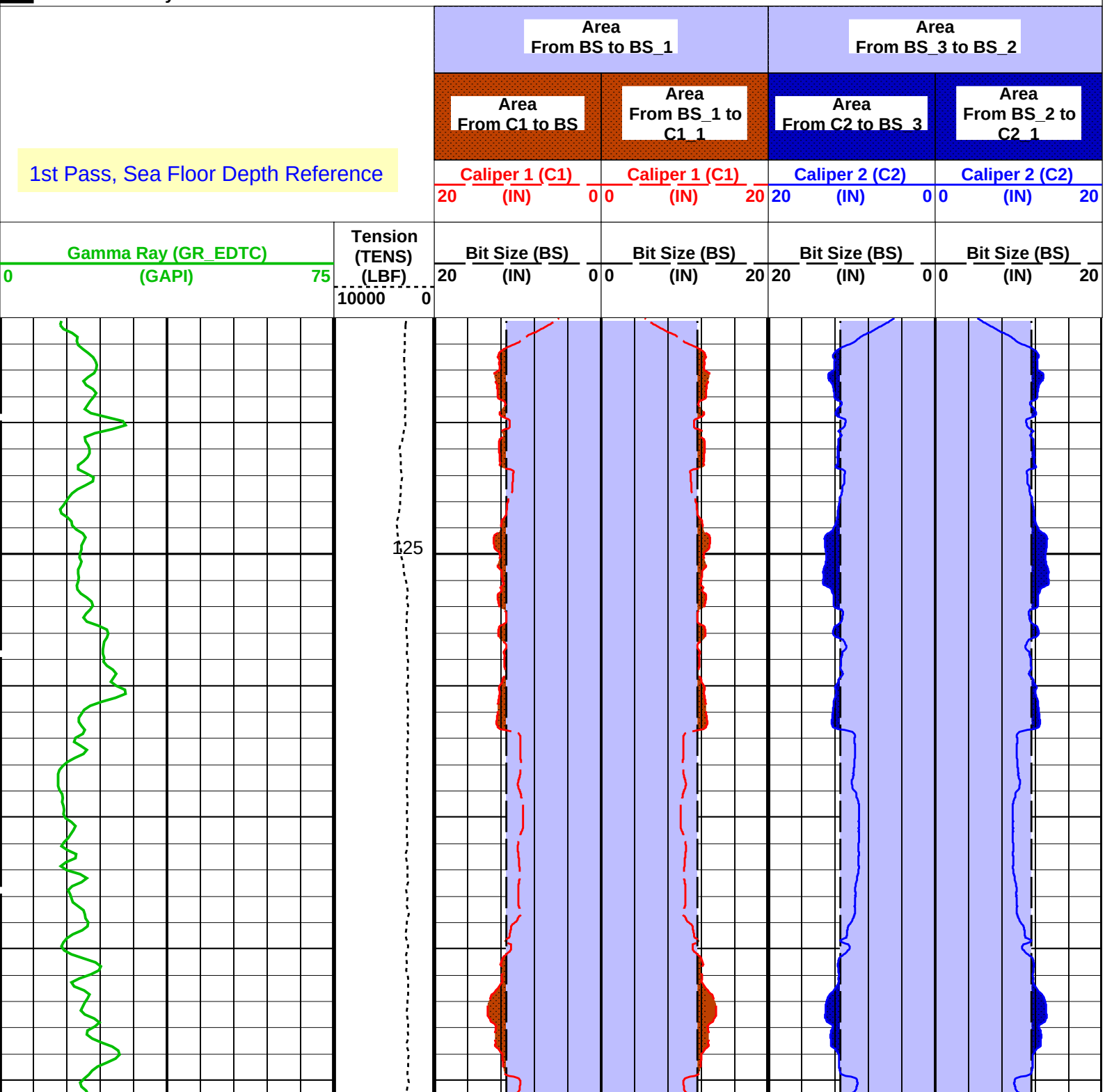
DEFAULT	FMS_DSI_030PUP	FN:31	PRODUCER	14−Mar−2012 09:39	182.4 M	116.0 M

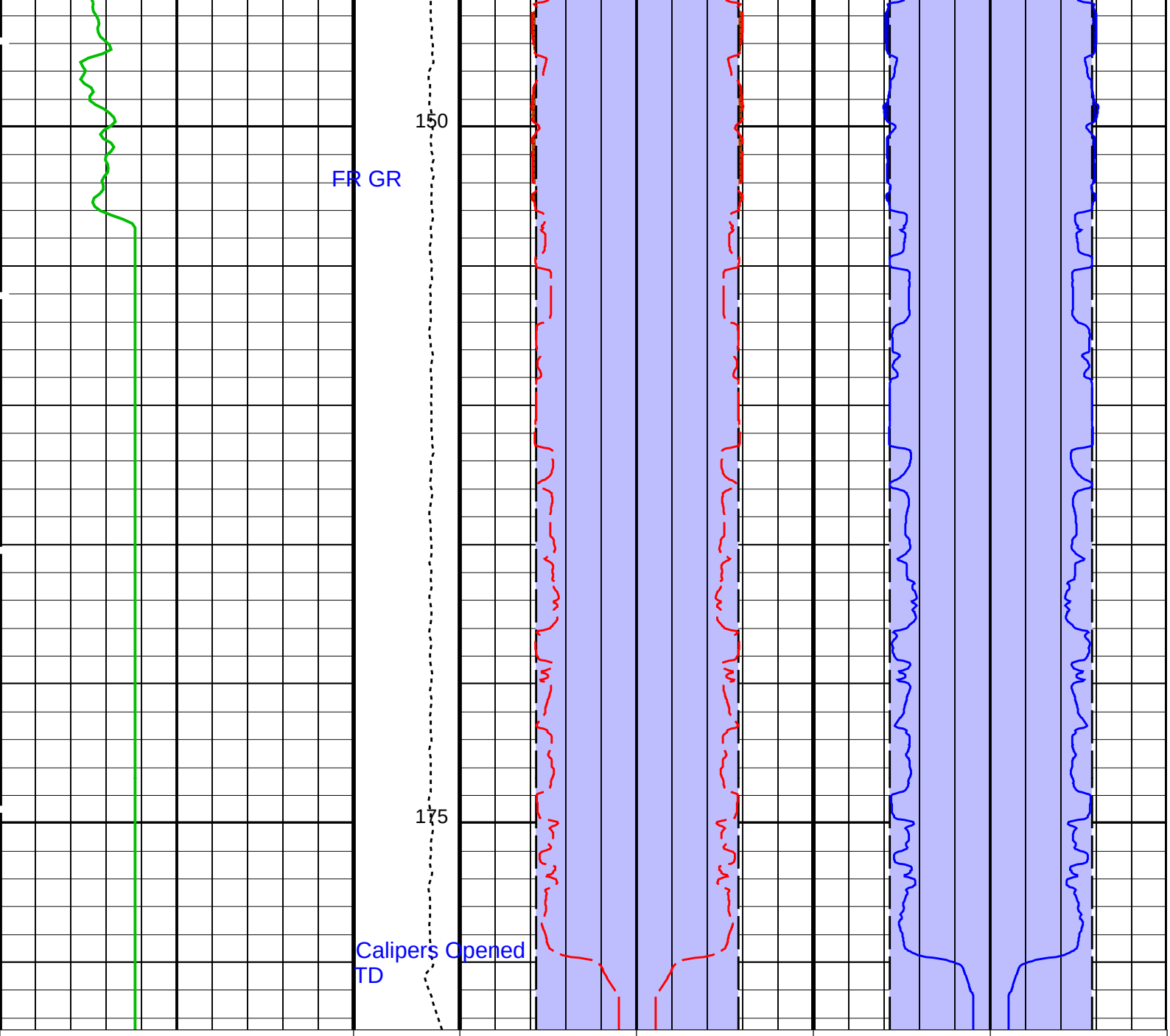
OP System Version: 19C0−187

MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	EDTC−B	SKK−5169−EDTCB

PIP SUMMARY

Time Mark Every 60 S





Gamma Ray (GR_EDTC)	Tension (TENS)	Bit Size (BS)	Bit Size (BS)	Bit Size (BS)	Bit Size (BS)
0 (GAPI) 75	(LBF) 10000 0	20 (IN) 0	0 (IN) 20	20 (IN) 0	0 (IN) 20
		Caliper 1 (C1)	Caliper 1 (C1)	Caliper 2 (C2)	Caliper 2 (C2)
		20 (IN) 0	0 (IN) 20	20 (IN) 0	0 (IN) 20
		Area From C1 to BS	Area From BS_1 to C1_1	Area From C2 to BS_3	Area From BS_2 to C2_1
		Area From BS to BS_1		Area From BS_3 to BS_2	

1st Pass, Sea Floor Depth Reference

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	System and Miscellaneous		
BS	Bit Size	11.438	IN

DO	Depth Offset for Playback	−1124.0	M
PP	Playback Processing	NORMAL	

Format: BHP Vertical Scale: 1:200 Graphics File Created: 14−Mar−2012 09:39

OP System Version: 19C0−187

MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	EDTC−B	SKK−5169−EDTCB

Input DLIS Files

DEFAULT	FMS_DSI_023LUP	FN:24	PRODUCER	12−Mar−2012 19:05	1306.4 M	1239.9 M

Output DLIS Files

DEFAULT	FMS_DSI_030PUP	FN:31	PRODUCER	14−Mar−2012 09:39		

Company: jr_sLamont Doherty Earth Observatory Well: Expedition 340, Site U1394B

Input DLIS Files

DEFAULT	FMS_DSI_024LUP	FN:25	PRODUCER	12−Mar−2012 19:17	1305.8 M	1116.6 M

Output DLIS Files

DEFAULT	FMS_DSI_031PUP	FN:32	PRODUCER	14−Mar−2012 09:40	181.8 M	−7.3 M

OP System Version: 19C0−187

MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	EDTC−B	SKK−5169−EDTCB

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

Gamma Ray (GR_EDTC)
0 (GAPI) 75

Tension (TENS)
10000 (LBF) 0

Caliper 2 (C2)
0 (IN) 20

Caliper 1 (C1)
0 (IN) 20

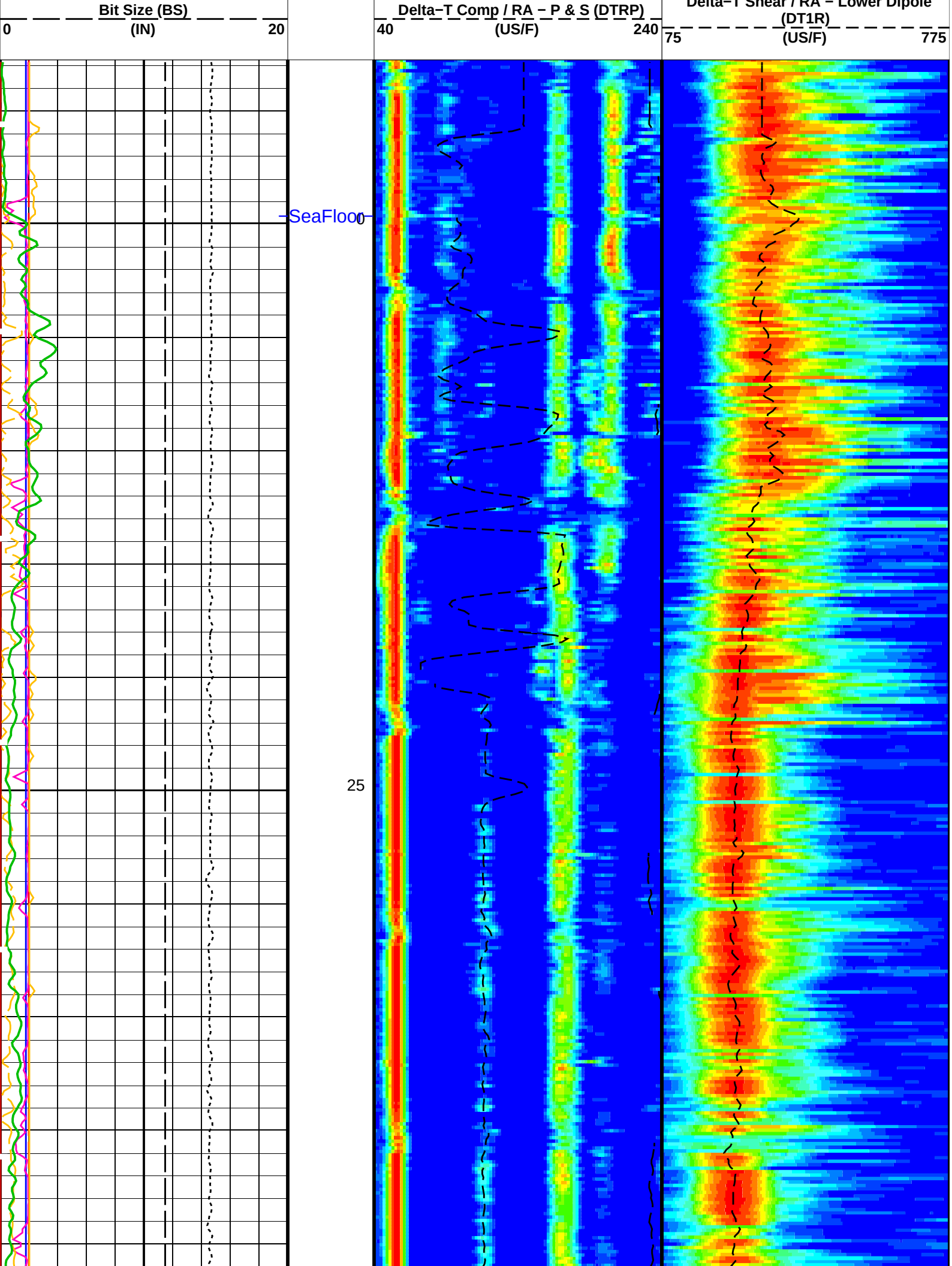
Main Uplog, Sea Floor Depth Reference

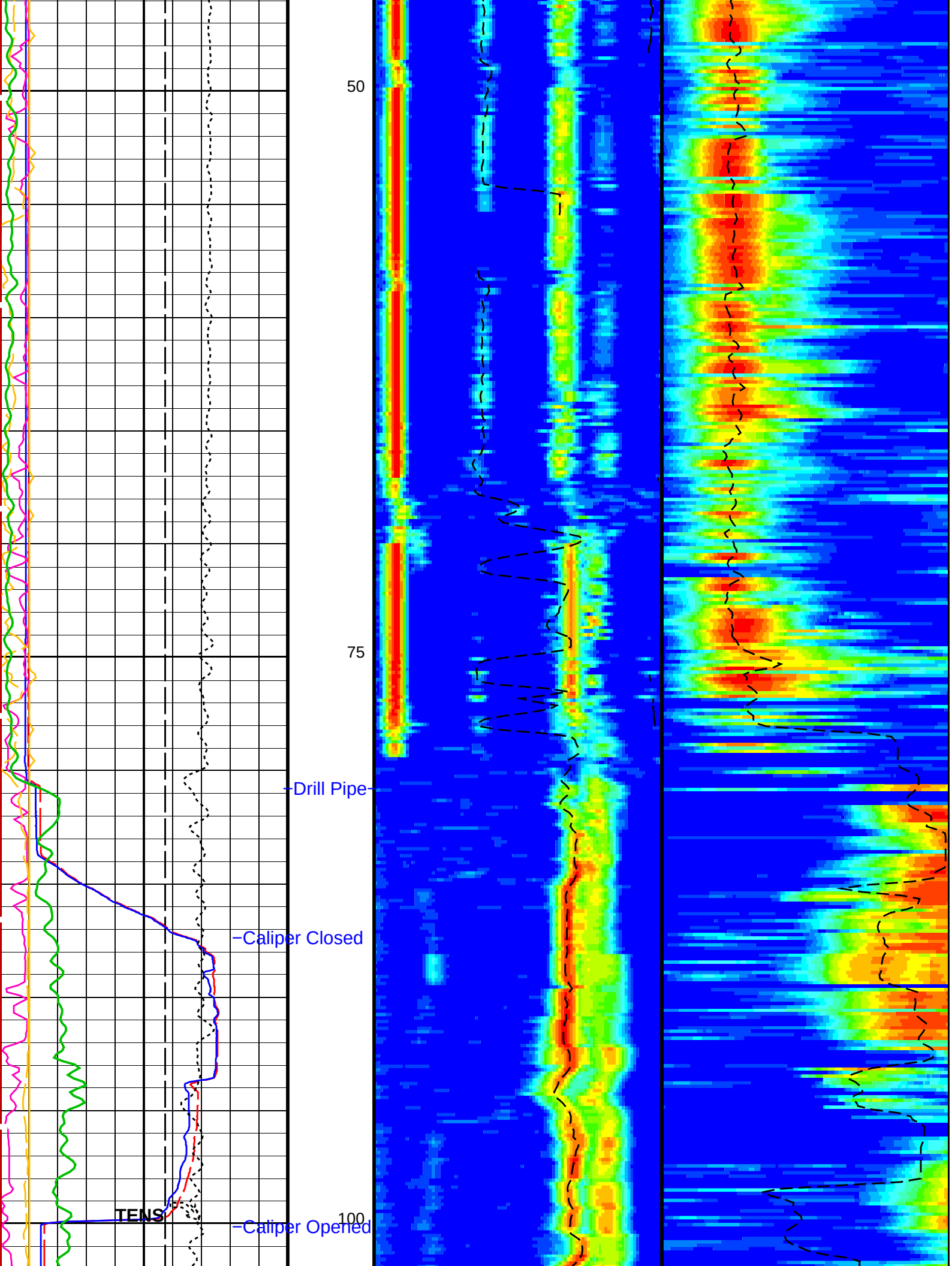
Lower Dipole, Low Frequency Dipole Shear

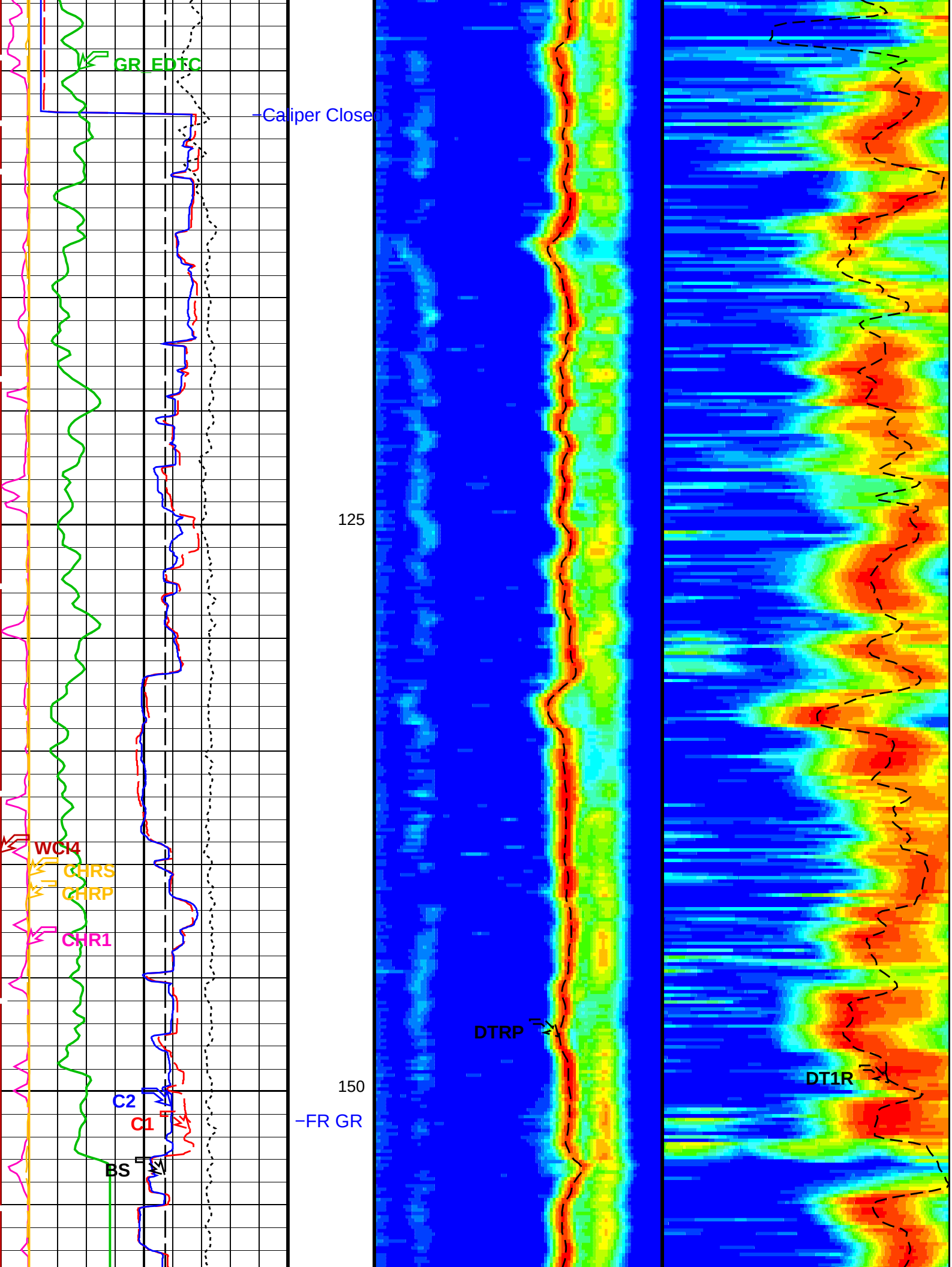
Min Amplitude Max
Rec.Array P&S Slow Proj. CVDL (SPR4)
40 (US/F) 240

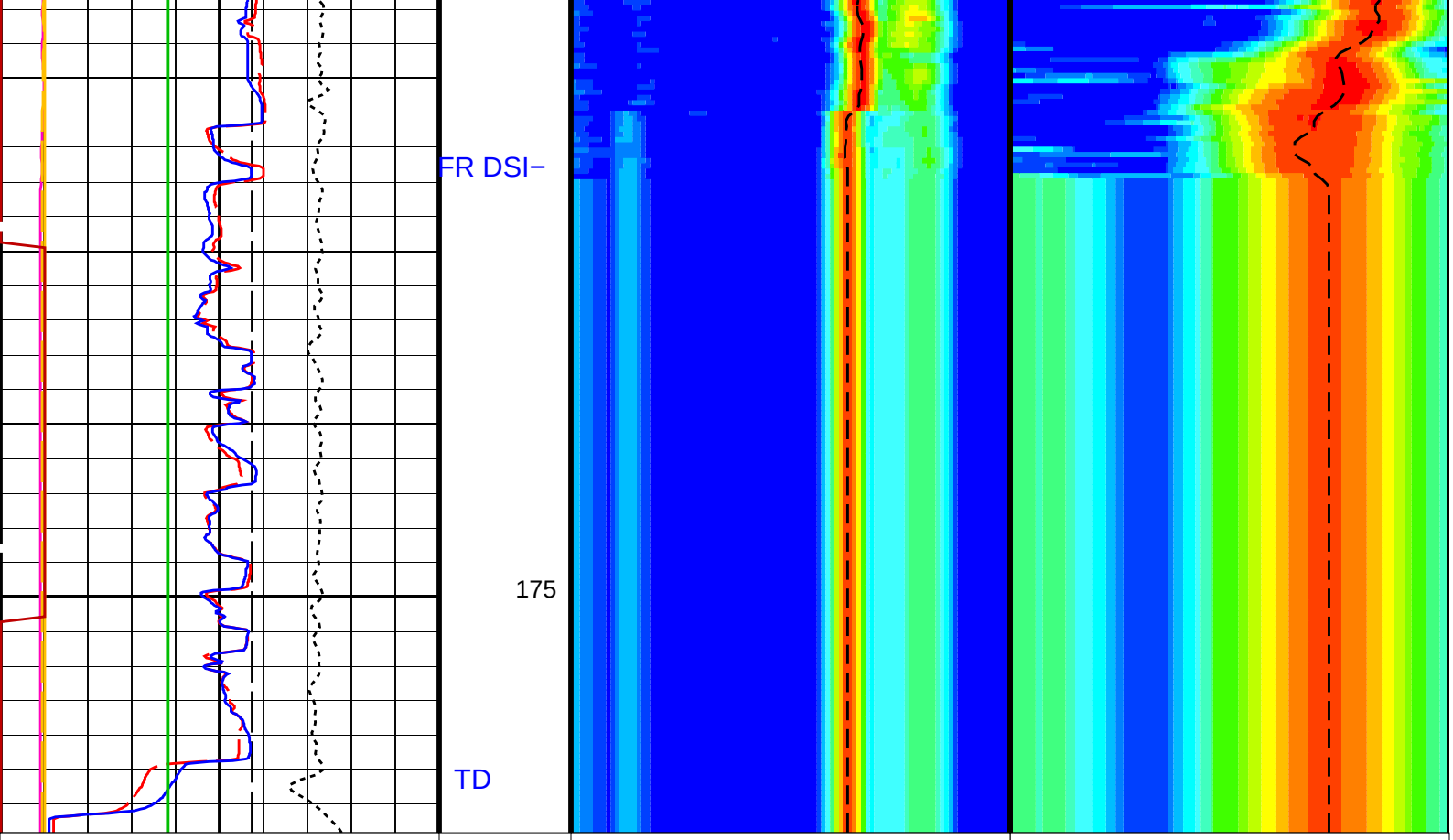
Delta−T Shear / RA − P & S (DTRS)
40 (US/F) 240

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


Bit Size (BS)
0
(IN)
20
Delta−T Comp / RA − P & S (DTRP)
40
(US/F)
240
Delta−T Shear / RA − Lower Dipole (DT1R)
75
(US/F)
775
SeaFloor
0
25


50
75
Drill Pipe
Caliper Closed
TENS
100
Caliper Opened


GR_EDTC
Caliper Closed
125
WCI4
CHRS
CHRP
CHR1
DTRP
150
C2
C1
FR GR
BS
DT1R



Bit Size (BS)
0 (IN) 20

Caliper 1 (C1)
0 (IN) 20

Caliper 2 (C2)
0 (IN) 20

Tension (TENS)
10000 (LBF) 0

Gamma Ray (GR_EDTC)
0 (GAPI) 75

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)
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 − Lower Dipole (DT1R)
75 (US/F) 775

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

Main Uplog, Sea Floor Depth Reference

Lower Dipole, Low Frequency Dipole Shear

PIP SUMMARY

Time Mark Every 60 S

Parameters

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	70	US/F
COUL	Label Slowness Upper Limit − Monopole P&S Compressional	190	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	
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 − Monopole Mode for P&S	EVEN	
SAMX	DSST Sonic Acquisition Mode X − Both Dipoles or Monopole Mode for Expert	OFF	
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	B3−20K	
SHLL	Label Slowness Lower Limit − Monopole P&S Shear	230	US/F
SHUL	Label Slowness Upper Limit − Monopole P&S Shear	240	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	
	EDTC−B: Enhanced DTS Cartridge		

BHS	Borehole Status	OPEN	
	System and Miscellaneous		
BS	Bit Size	11.438	IN
DO	Depth Offset for Playback	−1124.0	M
PP	Playback Processing	NORMAL	

Format: DSST_P_S_LOWER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 14−Mar−2012 09:40

OP System Version: 19C0−187

MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	EDTC−B	SKK−5169−EDTCB

Input DLIS Files

DEFAULT	FMS_DSI_024LUP	FN:25	PRODUCER	12−Mar−2012 19:17	1305.8 M	1116.6 M

Output DLIS Files

DEFAULT	FMS_DSI_031PUP	FN:32	PRODUCER	14−Mar−2012 09:40		

Company: jr_sLamont Doherty Earth Observatory Well: Expedition 340, Site U1394B

Input DLIS Files

DEFAULT	FMS_DSI_024LUP	FN:25	PRODUCER	12−Mar−2012 19:17	1305.8 M	1116.6 M

Output DLIS Files

DEFAULT	FMS_DSI_031PUP	FN:32	PRODUCER	14−Mar−2012 09:40	181.8 M	−7.3 M

OP System Version: 19C0−187

MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	EDTC−B	SKK−5169−EDTCB

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

Gamma Ray (GR_EDTC)
0 (GAPI) 75

Tension (TENS)
10000 (LBF) 0

Caliper 1 (C1)
0 (IN) 20

Caliper 2 (C2)
0 (IN) 20

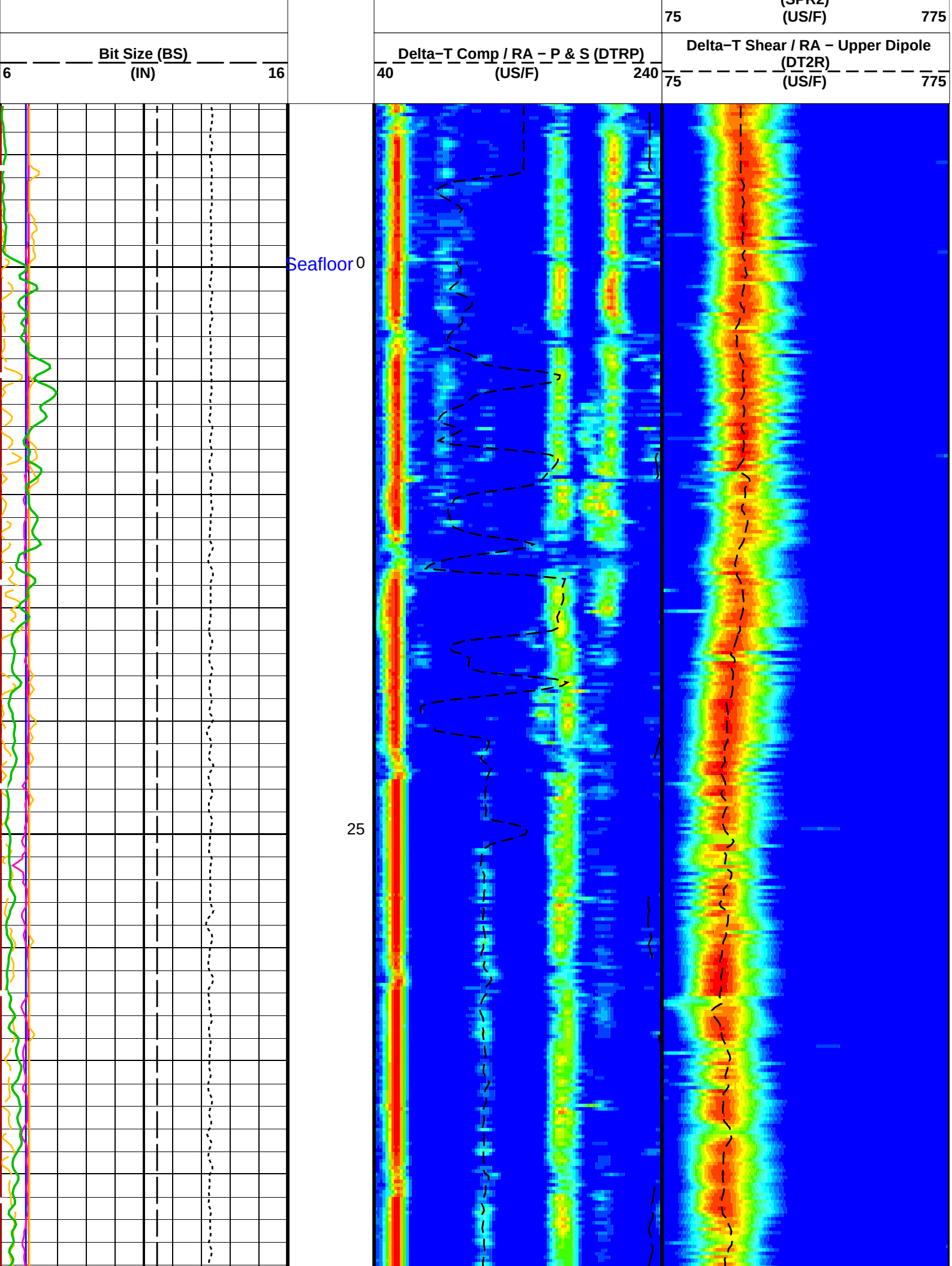
Main Uplog, Seafloor Depth Reference

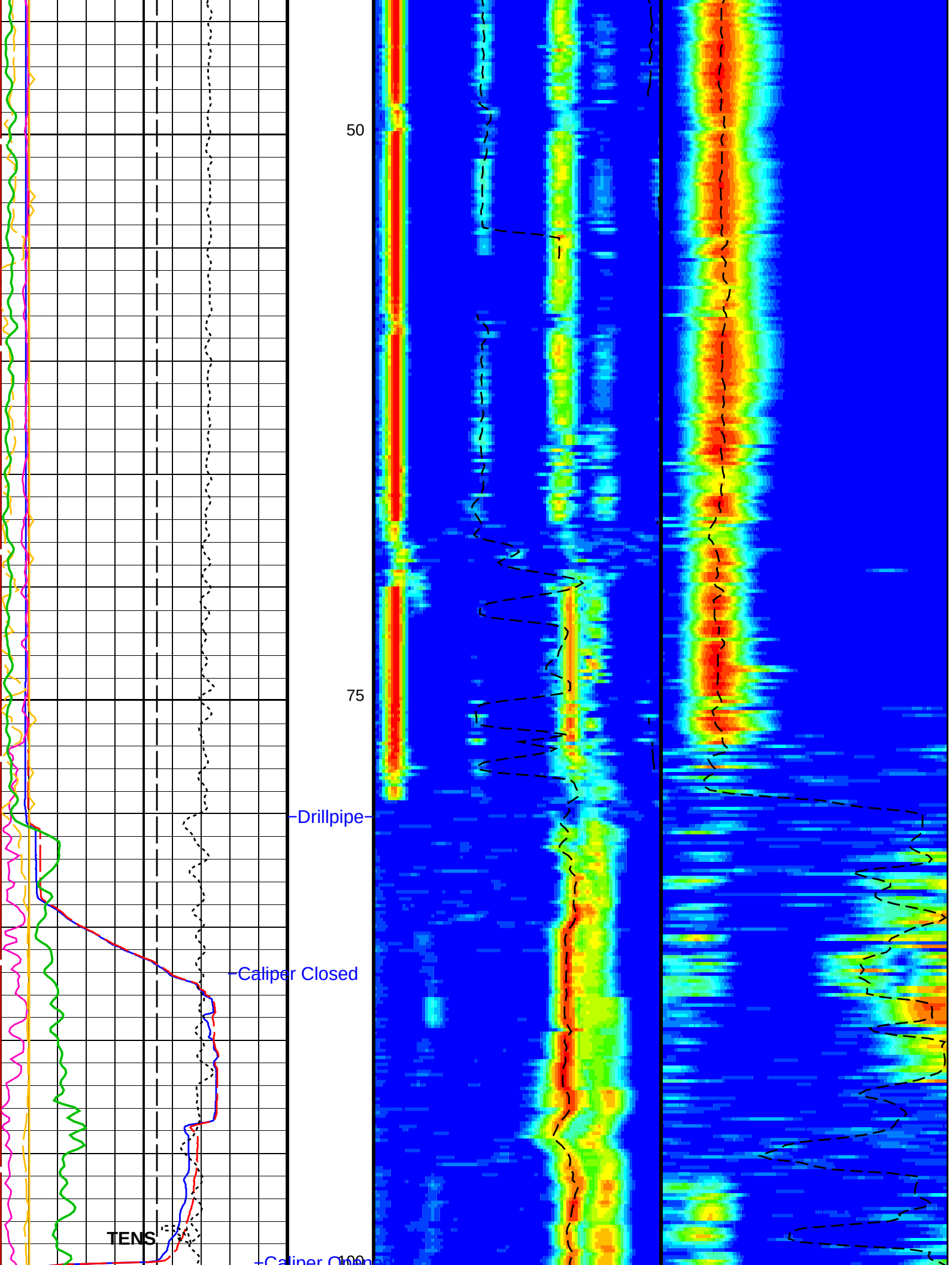
Upper Dipole, Standard Frequency Dipole Shear

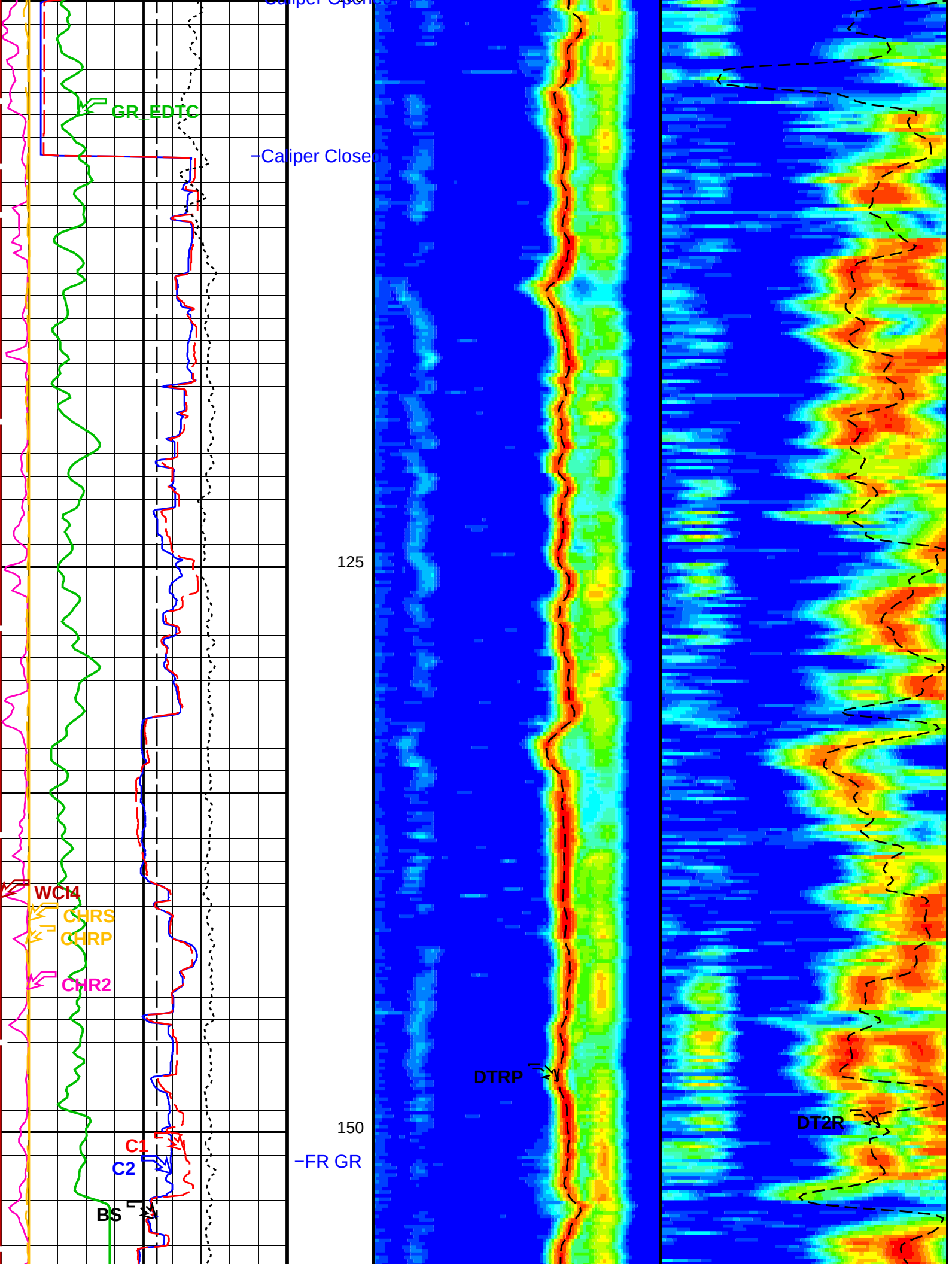
Min Amplitude Max
Rec.Array P&S Slow Proj. CVDL (SPR4)
40 (US/F) 240

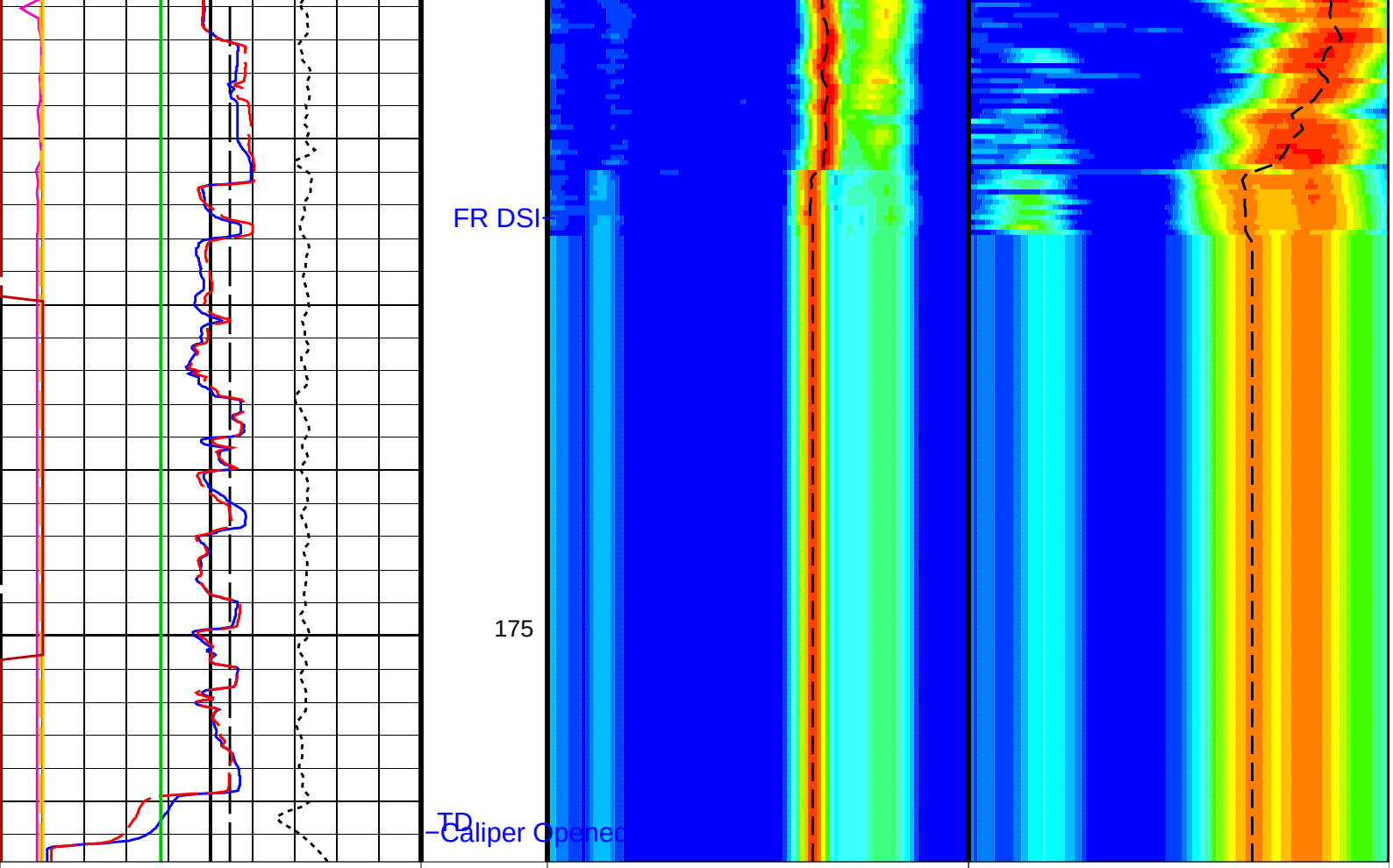
Delta−T Shear / RA − P & S (DTRS)
40 (US/F) 240

Min Amplitude Max
Rec.Array U.Dipole Slow Proj. CVDL (SPR2)


75
(SFR2)
(US/F)
775
Bit Size (BS)
6
(IN)
16
Delta−T Comp / RA − P & S (DTRP)
40
(US/F)
240
Delta−T Shear / RA − Upper Dipole (DT2R)
75
(US/F)
775
Seafloor
0
25


50
75
Drillpipe
Caliper Closed
TENS
100


GR_EDTC
Caliper Closed
125
WCI4
CHRS
CHRP
CHR2
DTRP
150
C1
C2
FR GR
BS
DT2R



Bit Size (BS)
6 (IN) 16

Caliper 2 (C2)
0 (IN) 20

Caliper 1 (C1)
0 (IN) 20

Tension (TENS)
10000 (LBF) 0

Gamma Ray (GR_EDTC)
0 (GAPI) 75

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 − Upper Dipole (DT2R)
75 (US/F) 775

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

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

Main Uplog, Seafloor Depth Reference

Upper Dipole, Standard Frequency Dipole Shear

PIP SUMMARY

Time Mark Every: 60 S

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	70	US/F
COUL	Label Slowness Upper Limit − Monopole P&S Compressional	190	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	
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 − 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	230	US/F
SHUL	Label Slowness Upper Limit − Monopole P&S Shear	240	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	
	EDTC−B: Enhanced DTS Cartridge		
BHS	Borehole Status	OPEN	
	System and Miscellaneous		
BS	Bit Size	11.438	IN
DO	Depth Offset for Playback	−1124.0	M
PP	Playback Processing	NORMAL	

Format: DSST_P_S_UPPER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 14−Mar−2012 09:40

OP System Version: 19C0−187

MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	EDTC−B	SKK−5169−EDTCB

Input DLIS Files

DEFAULT	FMS_DSI_024LUP	FN:25	PRODUCER	12−Mar−2012 19:17	1305.8 M	1116.6 M

Output DLIS Files

DEFAULT	FMS_DSI_031PUP	FN:32	PRODUCER	14−Mar−2012 09:40		

Company: jr_sLamont Doherty Earth Observatory Well: Expedition 340, Site U1394B

Input DLIS Files

DEFAULT	FMS_DSI_023LUP	FN:24	PRODUCER	12−Mar−2012 19:05	1306.4 M	1239.9 M

Output DLIS Files

DEFAULT	FMS_DSI_030PUP	FN:31	PRODUCER	14−Mar−2012 09:39	182.4 M	116.0 M

OP System Version: 19C0−187

MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	EDTC−B	SKK−5169−EDTCB

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

Gamma Ray (GR_EDTC)
0 (GAPI) 75

Tension (TENS)
10000 (LBF) 0

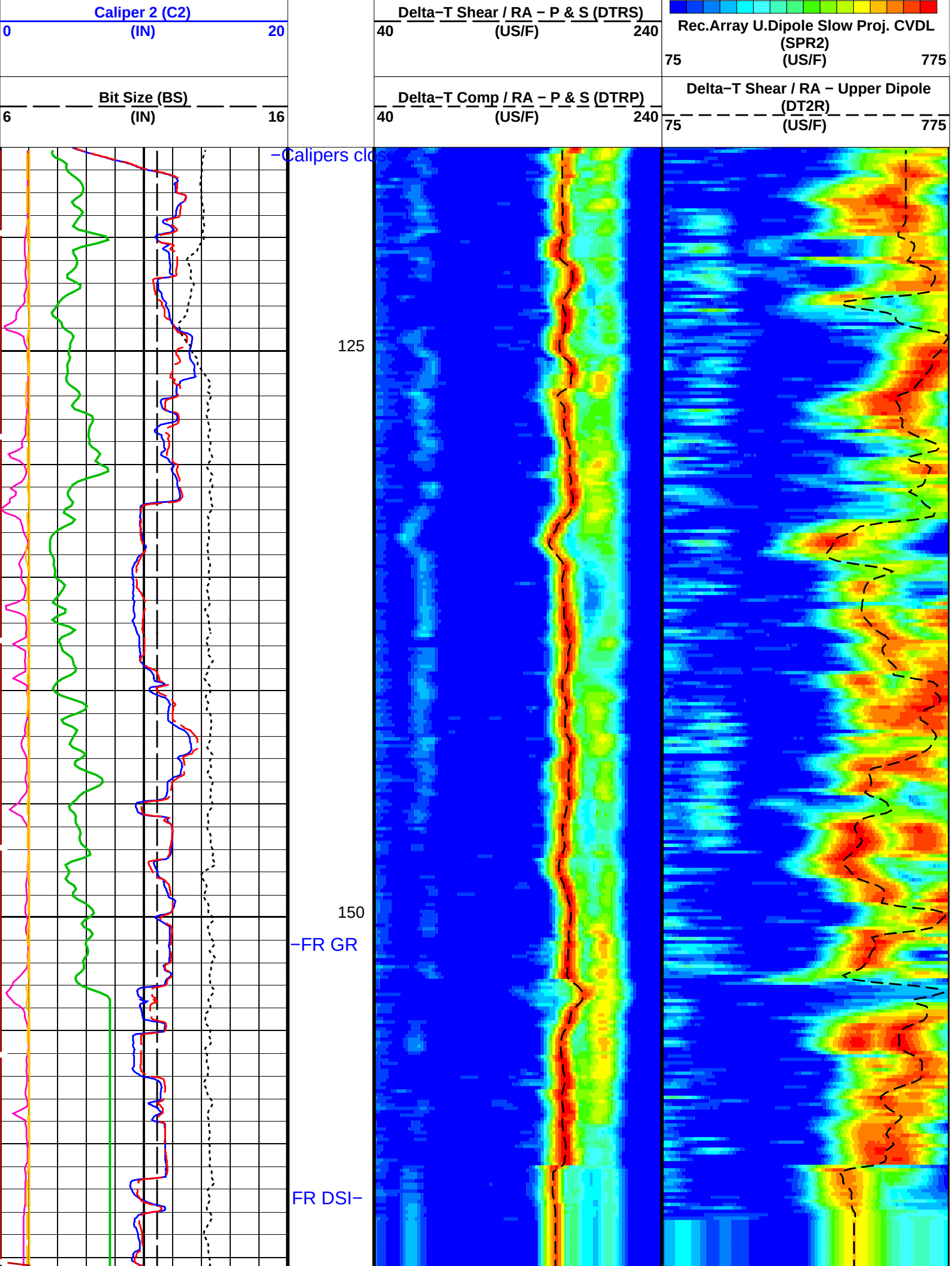
Caliper 1 (C1)
0 (IN) 20

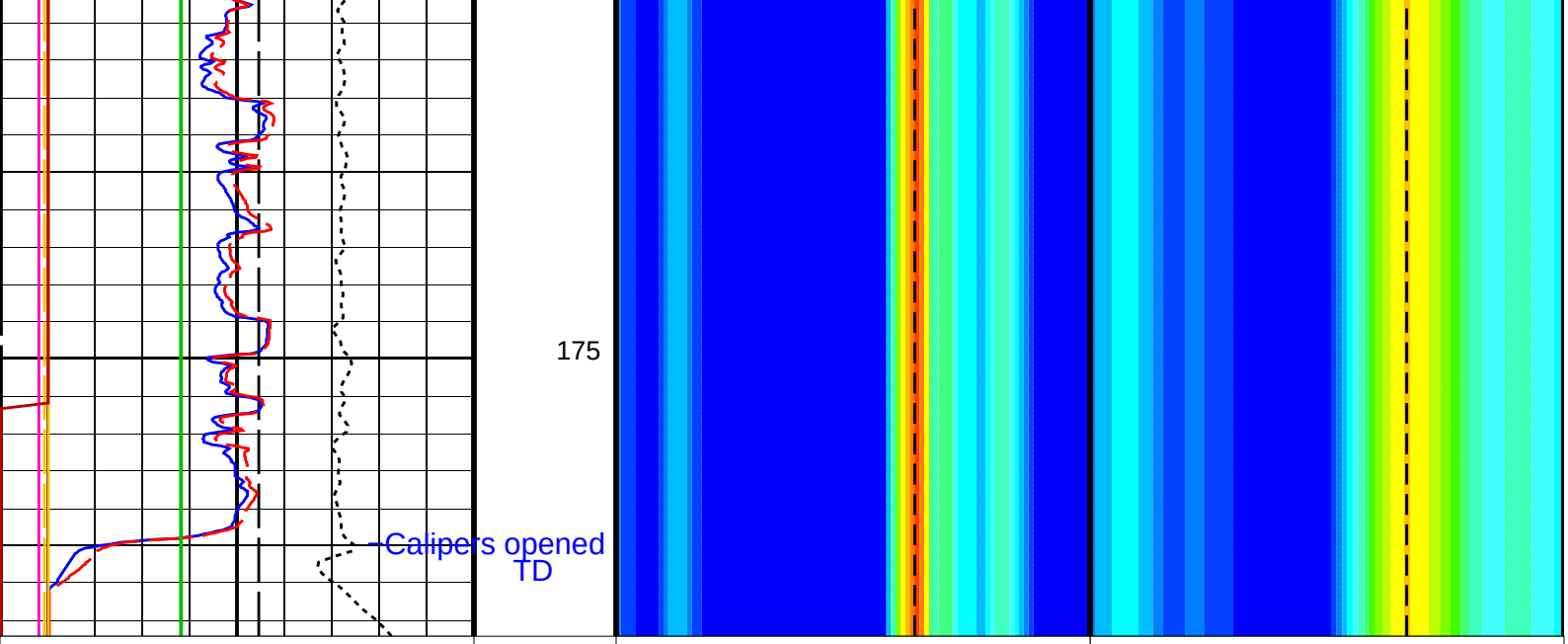
Uplog 1 Sea Floor Depth Reference

Upper Dipole Shear

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

Min Amplitude Max


Caliper 2 (C2)
0
(IN)
20
Bit Size (BS)
6
(IN)
16
Delta−T Shear / RA − P & S (DTRS)
40
(US/F)
240
Delta−T Comp / RA − P & S (DTRP)
40
(US/F)
240
Rec.Array U.Dipole Slow Proj. CVDL (SPR2)
75
(US/F)
775
Delta−T Shear / RA − Upper Dipole (DT2R)
75
(US/F)
775
−Calipers close
125
150
−FR GR
FR DSI−



Bit Size (BS)
6 (IN) 16

Caliper 2 (C2)
0 (IN) 20

Caliper 1 (C1)
0 (IN) 20

Tension (TENS)
10000 (LBF) 0

Gamma Ray (GR_EDTC)
0 (GAPI) 75

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

Uplog 1 Sea Floor Depth Reference

Upper Dipole Shear

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	70	US/F
COUL	Label Slowness Upper Limit − Monopole P&S Compressional	190	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	
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 − 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	230	US/F
SHUL	Label Slowness Upper Limit − Monopole P&S Shear	240	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	
	EDTC−B: Enhanced DTS Cartridge		
BHS	Borehole Status	OPEN	
	System and Miscellaneous		
BS	Bit Size	11.438	IN
DO	Depth Offset for Playback	−1124.0	M
PP	Playback Processing	NORMAL	

Format: DSST_P_S_UPPER_VDL_COLOR **Vertical Scale: 1:200** **Graphics File Created: 14−Mar−2012 09:39**

OP System Version: 19C0−187

MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	EDTC−B	SKK−5169−EDTCB

Input DLIS Files

DEFAULT	FMS_DSI_023LUP	FN:24	PRODUCER	12−Mar−2012 19:05	1306.4 M	1239.9 M

Output DLIS Files

DEFAULT	FMS_DSI_030PUP	FN:31	PRODUCER	14−Mar−2012 09:39		

Company: jr_sLamont Doherty Earth Observatory — Well: Expedition 340, Site U1394B

Input DLIS Files

DEFAULT	FMS_DSI_023LUP	FN:24	PRODUCER	12−Mar−2012 19:05	1306.4 M	1239.9 M

Output DLIS Files

DEFAULT	FMS_DSI_030PUP	FN:31	PRODUCER	14−Mar−2012 09:39	182.4 M	116.0 M

OP System Version: 19C0−187

MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	EDTC−B	SKK−5169−EDTCB

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

Gamma Ray (GR_EDTC)
0 (GAPI) 75

Tension (TENS)
10000 (LBF) 0

Caliper 2 (C2)
0 (IN) 20

Caliper 1 (C1)
0 (IN) 20

Bit Size (BS)
0 (IN) 20

1st Pass, Sea Floor Depth Reference

Lower Dipole Low Frequency

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

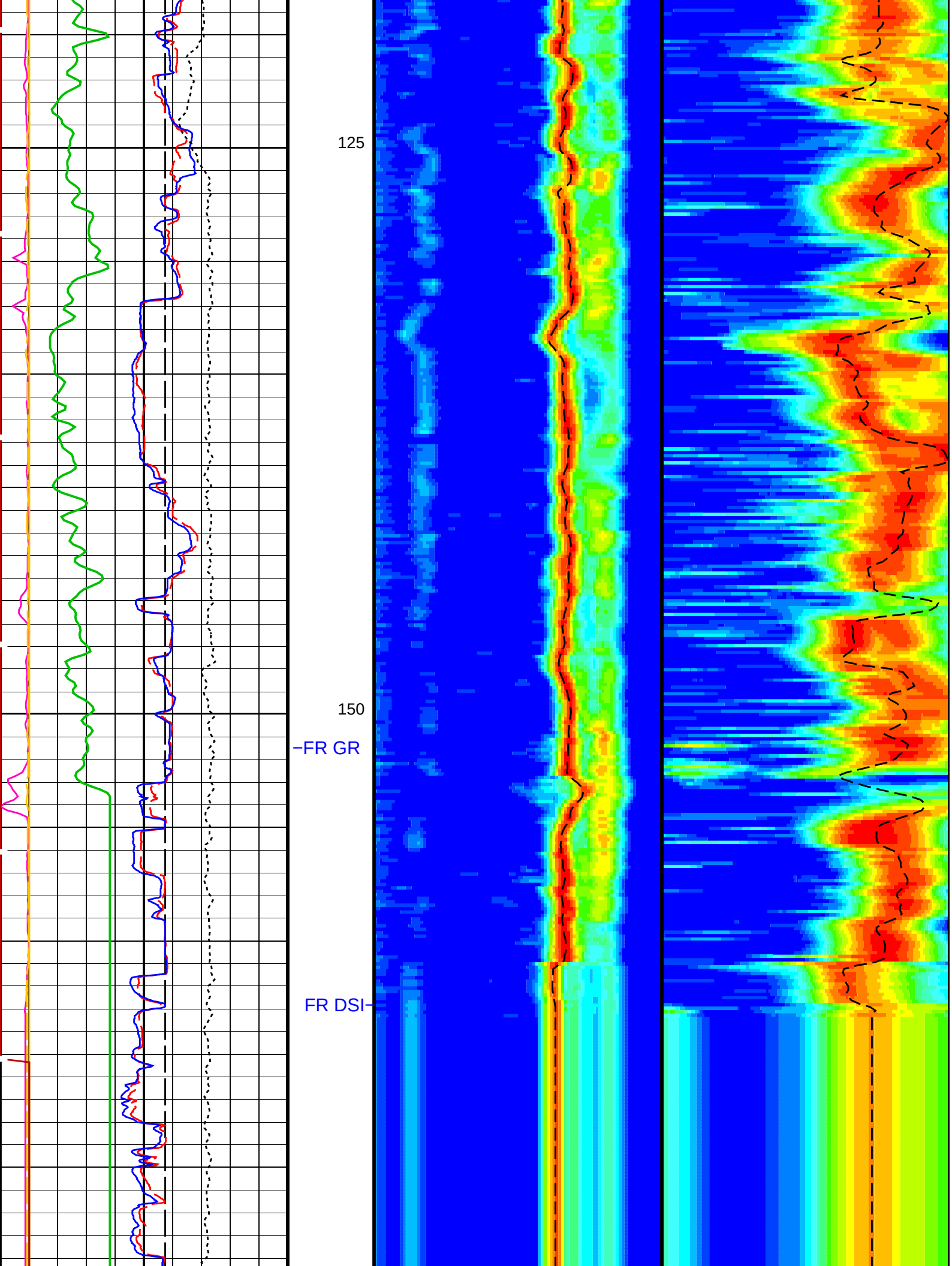
Delta−T Shear / RA − P & S (DTRS)
40 (US/F) 240

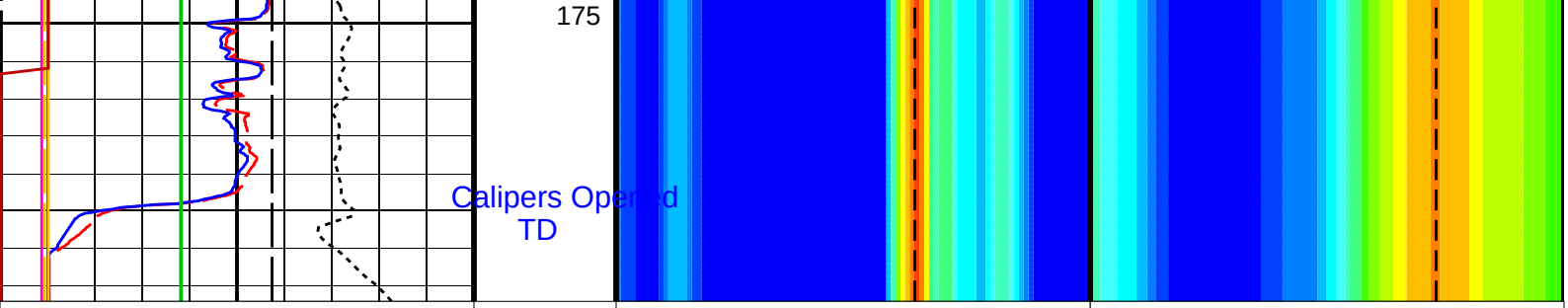
Delta−T Comp / RA − P & S (DTRP)
40 (US/F) 240

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

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

Caliper Closed


125
150
FR GR
FR DSI



Bit Size (BS)
0 (IN) 20

Caliper 1 (C1)
0 (IN) 20

Caliper 2 (C2)
0 (IN) 20

Tension (TENS)
10000 (LBF) 0

Gamma Ray (GR_EDTC)
0 (GAPI) 75

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)
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 − Lower Dipole (DT1R)
75 (US/F) 775

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

1st Pass, Sea Floor Depth Reference

Lower Dipole Low Frequency

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	70	US/F
COUL	Label Slowness Upper Limit − Monopole P&S Compressional	190	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	
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 − Monopole Mode for P&S	EVEN	
SAMX	DSST Sonic Acquisition Mode X − Both Dipoles or Monopole Mode for Expert	OFF	
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	B3−20K	
SHLL	Label Slowness Lower Limit − Monopole P&S Shear	230	US/F
SHUL	Label Slowness Upper Limit − Monopole P&S Shear	240	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	
EDTC−B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
System and Miscellaneous			
BS	Bit Size	11.438	IN
DO	Depth Offset for Playback	−1124.0	M
PP	Playback Processing	NORMAL	

Format: DSST_P_S_LOWER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 14−Mar−2012 09:39

OP System Version: 19C0−187

MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	EDTC−B	SKK−5169−EDTCB

Input DLIS Files

DEFAULT	FMS_DSI_023LUP	FN:24	PRODUCER	12−Mar−2012 19:05	1306.4 M	1239.9 M

Output DLIS Files

DEFAULT	FMS_DSI_030PUP	FN:31	PRODUCER	14−Mar−2012 09:39

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
Micro Electrical Scanner − B (Slim) Wellsite Calibration − Caliper Calibration							
Before: 6−Mar−2012 15:20							
Caliper 1 Zero Measurement	12.00	N/A	12.67	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	12.00	N/A	12.70	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.19	N/A	15.82	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.19	N/A	15.81	N/A	N/A	N/A	IN
Micro Electrical Scanner − B (Slim) Wellsite Calibration − CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: 12−Mar−2012 18:13							
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: 12−Mar−2012 18:13							
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	
Enhanced DTS Cartridge Wellsite Calibration − EDTC Accelerometer Calibration							
Before: 12−Mar−2012 7:07							
EDTC Z−Axis Acceleration	9.810	N/A	9.743	N/A	N/A	N/A	M/S2
Enhanced DTS Cartridge Wellsite Calibration − Detector Calibration							
Before: 4−Mar−2012 17:35							
Gamma Ray (Jig − Bkg)	159.9	N/A	159.9	N/A	N/A	14.53	GAPI
Gamma Ray (Calibrated)	164.0	N/A	164.0	N/A	N/A	15.00	GAPI

Micro Electrical Scanner − B (Slim) / Equipment Identification

Primary Equipment:		
MEST Sonde − B	MEDS − B	702
MEST Preamplifier Cartridge − AB	MEPC − AB	807
GPIT Cartridge − AC	GPIC − AC	840
MEST Acquisition Cartridge − A	MEAC − A	875
Auxiliary Equipment:		
MEST−B Preamplifier Cartridge Housing	MEPH − A	702
MEST Acquisition Cartridge Housing (Slim	MEAH − B	726

Enhanced DTS Cartridge / Equipment Identification

Primary Equipment:		
EDTC Gamma Ray Detector	EDTG − A/B	8305
Enhanced DTS Cartridge	EDTC − B	8317
Auxiliary Equipment:		
EDTC Housing	EDTH − B	8303

Enhanced DTS Cartridge Wellsite Calibration

EDTC Accelerometer Calibration

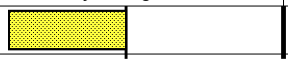
Phase	EDTC Z−Axis Acceleration M/S2	Value
Before		9.743

9.610 (Minimum) 9.810 (Nominal) 10.01 (Maximum)

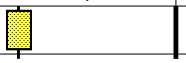
Before: 12−Mar−2012 7:07

Enhanced DTS Cartridge Wellsite Calibration

Detector Calibration

Phase	Gamma Ray Background GAPI	Value
Before		7.622
	0 (Minimum) 30.00 (Nominal) 120.0 (Maximum)	

Phase	Gamma Ray (Jig − Bkg) GAPI	Value
Before		159.9
	145.3 (Minimum) 159.9 (Nominal) 174.4 (Maximum)	

Phase	Gamma Ray (Calibrated) GAPI	Value
Before		164.0
	149.0 (Minimum) 164.0 (Nominal) 179.0 (Maximum)	

Before: 4−Mar−2012 17:35

Company: **Lamont Doherty Earth Observatory**

Schlumberger

Well: **Expedition 340, Site U1394B**
Field: **Lesser Antilles Volcanism and Landslides**
Rig: **JOIDES Resolution**
Ocean: **Caribbean**

Dipole Shear Sonic
Compressional (P&S), Dipole Shear
Gamma Ray