

Schlumberger					
Company:		Lamont Doherty			
Well:		Expedition 339, Site U1391 WI-01B			
Field:		Mediterranean Outflow (Portugal)			
Rig:		JOIDES Resolution Ocean: Atlantic			
Dipole Shear Sonic P&S Compressional and Dipole Shear Gamma Ray					
Latitude: N 37° 21.54'		Longitude: W 9° 24.66'		Elev.: K.B. 11.00 m G.L. -1074.00 m D.F. 11.00 m	
Permanent Datum: Log Measured From: Drilling Measured From:		Mean Sea Level Drill Floor Drill Floor		Elev.: 0.00 m 11.00 m above Perm. Datum	
API Serial No.		N 37° 21.54'		W 9° 24.66'	
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					
Density	Viscosity				
Fluid Loss	PH				
Source Of Sample					
RM @ Measured Temperature					
RMF @ Measured Temperature					
RMC @ Measured Temperature					
Source RMF RMC					
RM @ MRT RMF @ MRT					
Maximum Recorded Temperatures					
Circulation Stopped Time					
Logger On Bottom Time					
Unit Number Location					
Recorded By					
Witnessed By					

<div>Schlumberger</div>					
Company: Lamont Doherty					
Well: Expedition 339, Site U1391 WI-01B					
Field: Mediterranean Outflow (Portugal)					
Rig: JOIDES Resolution Ocean: Atlantic					
Dipole Shear Sonic P&S Compressional and Dipole Shear Gamma Ray					
Latitude: N 37° 21 .54'		Elev.: K.B.	11.00 m		
Longitude: W 9 ° 24.66'		G.L.	-1074.00 m		
		D.F.	11.00 m		
Permanent Datum:		Mean Sea Level		Elev.: 0.00 m	
Log Measured From:		Drill Floor		11.00 m above Perm. Datum	
Drilling Measured From:		Drill Floor			
API Serial No.		N 37° 21 .54'	W 9 ° 24.66'		
Logging Date 15-Jan-2012					
Run Number 1					
Depth Driller 671 m					
Schlumberger Depth 669 m					
Bottom Log Interval 669 m					
Top Log Interval 0 m					
Casing Driller Size @ Depth 10.750 in @ 99 m					
Casing Schlumberger 96 m					
Bit Size 9.875 in					
Type Fluid In Hole Seawater Gel					
Density		Viscosity			
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	15-Jan-2012	0:00	
Logger On Bottom		Time	15-Jan-2012	5:04	
Unit Number		Location	625003	Houston	
Recorded By		K. Swain			
Witnessed By		T. Williams, J. Lofi			

Schlumberger								
Company: Lamont Doherty			Expedition 339, Site U1391 WI-01B Mediterranean Outflow (Portugal) JOIDES Resolution Ocean: Atlantic					
Rig:	Dipole Shear Sonic P&S Compressional and Dipole Shear Gamma Ray							
Field:	Mediterranean Outflow (Portugal)							
Location:	Latitude: N 37° 21.54'	Elev.: K.B. 11.00 m G.L. -1074.00 m D.F. 11.00 m						
Well:	Longitude: W 9° 24.66'							
Company:	Expedition 339, Site U1391 WI-01B							
	Lamont Doherty							
LOCATION								
Permanent Datum:		Mean Sea Level		Elev.: 0.00 m				
Log Measured From:		Drill Floor		11.00 m above Perm. Datum				
Drilling Measured From:		Drill Floor						
API Serial No.		N 37° 21.54'	W 9° 24.66'					
Logging Date	15-Jan-2012							
Run Number	1							
Depth Driller	671 m							
Schlumberger Depth	669 m							
Bottom Log Interval	669 m							
Top Log Interval	0 m							
Casing Driller Size @ Depth	10.750 in @ 99 m							
Casing Schlumberger	96 m							
Bit Size	9.875 in							
Type Fluid In Hole	Seawater Gel							
Density	Viscosity	1.25 g/cm3						
Fluid Loss	PH							
Source Of Sample	N/A							
RM @ Measured Temperature	@							
RMF @ Measured Temperature	@							
RMC @ Measured Temperature	@							
Source RMF	RMC	N/A	N/A					
RM @ MRT	RMF @ MRT	@ 21	@ 21	@	@			
Maximum Recorded Temperatures	21 degC							
Circulation Stopped	Time	15-Jan-2012	Time	0:00				
Logger On Bottom	Time	15-Jan-2012	Time	5:04				
Unit Number	Location	625003	Houston					
Recorded By	K. Swain							
Witnessed By	T. Williams, J. Lofi							

Schlumberger						
Company:		Lamont Doherty				
Well:		Expedition 339, Site U1391 WI-01B				
Field:		Mediterranean Outflow (Portugal)				
Rig:		JOIDES Resolution Ocean: Atlantic				
Rig:						
Dipole Shear Sonic P&S Compressional and Dipole Shear Gamma Ray						
Latitude: N 37° 21.54'		Longitude: W 9° 24.66'		Elev.: K.B. 11.00 m G.L. -1074.00 m D.F. 11.00 m		
Permanent Datum: Log Measured From: Drilling Measured From:		Mean Sea Level Drill Floor Drill Floor		Elev.: 0.00 m 11.00 m above Perm. Datum		
API Serial No.		N 37° 21.54'		W 9° 24.66'		
Logging Date		15-Jan-2012				
Run Number		1				
Depth Driller		671 m				
Schlumberger Depth		669 m				
Bottom Log Interval		669 m				
Top Log Interval		0 m				
Casing Driller Size @ Depth		10.750 in @ 99 m				
Casing Schlumberger		96 m				
Bit Size		9.875 in				
Type Fluid In Hole		Seawater Gel				
Density	Viscosity	1.25 g/cm3				
Fluid Loss	PH					
Source Of Sample		N/A				
RM @ Measured Temperature		@				
RMF @ Measured Temperature		@				
RMC @ Measured Temperature		@				
Source RMF		RMC	N/A	N/A		
RM @ MRT		RMF @ MRT	@ 21	@ 21	@	@
Maximum Recorded Temperatures		21 degC				
Circulation Stopped		Time	15-Jan-2012	0:00		
Logger On Bottom		Time	15-Jan-2012	5:04		
Unit Number		Location	625003	Houston		
Recorded By		K. Swain				
Witnessed By		T. Williams, J. Lofi				

Schlumberger						
Company:		Lamont Doherty				
Well:		Expedition 339, Site U1391 WI-01B				
Field:		Mediterranean Outflow (Portugal)				
Rig:		JOIDES Resolution Ocean: Atlantic				
Rig:						
Dipole Shear Sonic P&S Compressional and Dipole Shear Gamma Ray						
Latitude: N 37° 21.54'		Longitude: W 9° 24.66'		Elev.: K.B. 11.00 m G.L. -1074.00 m D.F. 11.00 m		
Permanent Datum: Log Measured From: Drilling Measured From:		Mean Sea Level Drill Floor Drill Floor		Elev.: 0.00 m 11.00 m above Perm. Datum		
API Serial No.		N 37° 21.54'		W 9° 24.66'		
Logging Date		15-Jan-2012				
Run Number		1				
Depth Driller		671 m				
Schlumberger Depth		669 m				
Bottom Log Interval		669 m				
Top Log Interval		0 m				
Casing Driller Size @ Depth		10.750 in @ 99 m				
Casing Schlumberger		96 m				
Bit Size		9.875 in				
Type Fluid In Hole		Seawater Gel				
Density	Viscosity	1.25 g/cm3				
Fluid Loss	PH					
Source Of Sample		N/A				
RM @ Measured Temperature		@				
RMF @ Measured Temperature		@				
RMC @ Measured Temperature		@				
Source RMF		RMC	N/A	N/A		
RM @ MRT	RMF @ MRT	@ 21	@ 21	@	@	
Maximum Recorded Temperatures		21 degC				
Circulation Stopped	Time	15-Jan-2012	0:00			
Logger On Bottom	Time	15-Jan-2012	5:04			
Unit Number	Location	625003 Houston				
Recorded By	K. Swain					
Witnessed By	T. Williams, J. Lofi					

[illegible]

<div><div><div><div>Company: Lamont Doherty</div><div>Well: Expedition 339, Site U1391 WI-01B</div><div>Field: Mediterranean Outflow (Portugal)</div><div>Rig: JOIDES Resolution</div></div><div><div><div>Dipole Shear Sonic</div><div>P&S Compressional and Dipole Shear</div><div>Gamma Ray</div></div></div></div><div>Schlumberger</div></div>									
<div><div><div><div><div>Rig: JOIDES Resolution</div><div>Field: Mediterranean Outflow (Portugal)</div><div>Location: Latitude: N 37° 21.54'</div><div>Well: Expedition 339, Site U1391 WI-01B</div><div>Company: Lamont Doherty</div></div><div><div><div>LOCATION</div><div><div>Latitude: N 37° 21.54'</div><div>Longitude: W 9° 24.66'</div><div>Elev.: K.B. 11.00 m</div><div>G.L. -1074.00 m</div><div>D.F. 11.00 m</div></div><div><div>Permanent Datum: _____</div><div>Mean Sea Level _____</div><div>Elev.: 0.00 m _____</div></div><div><div>Log Measured From: _____</div><div>Drill Floor _____</div><div>11.00 m above Perm. Datum</div></div><div><div>Drilling Measured From: _____</div><div>Drill Floor _____</div><div></div></div></div><div><div>API Serial No. _____</div><div>N 37° 21.54'</div><div>W 9° 24.66'</div><div></div></div></div></div></div></div>									
<div><div><div><div>Logging Date</div><div>15-Jan-2012</div></div><div><div>Run Number</div><div>1</div></div><div><div>Depth Driller</div><div>671 m</div></div><div><div>Schlumberger Depth</div><div>669 m</div></div><div><div>Bottom Log Interval</div><div>669 m</div></div><div><div>Top Log Interval</div><div>0 m</div></div><div><div>Casing Driller Size @ Depth</div><div>10.750 in @ 99 m</div></div><div><div>Casing Schlumberger</div><div>96 m</div></div><div><div>Bit Size</div><div>9.875 in</div></div><div><div>Type Fluid In Hole</div><div>Seawater Gel</div></div><div><div>Density</div><div>1.25 g/cm3</div></div><div><div>Fluid Loss</div><div>PH</div></div><div><div>Source Of Sample</div><div>N/A</div></div><div><div>RM @ Measured Temperature</div><div>@</div></div><div><div>RMF @ Measured Temperature</div><div>@</div></div><div><div>RMC @ Measured Temperature</div><div>@</div></div><div><div>Source RMF</div><div>RMC</div></div><div><div>RM @ MRT</div><div>RMF @ MRT</div></div><div><div>Maximum Recorded Temperatures</div><div>21 degC</div></div><div><div>Circulation Stopped</div><div>15-Jan-2012</div></div><div><div>Logger On Bottom</div><div>15-Jan-2012</div></div><div><div>Unit Number</div><div>625003</div></div><div><div>Recorded By</div><div>K. Swain</div></div><div><div>Witnessed By</div><div>T. Williams, J. Lofi</div></div></div></div>									
<div><div><div><div>Logging Date</div><div>Run Number</div><div>Depth Driller</div><div>Schlumberger Depth</div><div>Bottom Log Interval</div><div>Top Log Interval</div><div>Casing Driller Size @ Depth</div><div>Casing Schlumberger</div><div>Bit Size</div><div>Type Fluid In Hole</div><div>Density</div><div>Fluid Loss</div><div>Source Of Sample</div><div>RM @ Measured Temperature</div><div>RMF @ Measured Temperature</div><div>RMC @ Measured Temperature</div><div>Source RMF</div><div>RM @ MRT</div><div>Maximum Recorded Temperatures</div><div>Circulation Stopped</div><div>Logger On Bottom</div><div>Unit Number</div><div>Recorded By</div><div>Witnessed By</div></div><div><div>Run 1</div><div>Run 2</div><div>Run 3</div></div></div></div>									



[illegible]

DISCLAIMER

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
Hole WI-01B Hole C was drilled with a 9 7/8" RCB bit to TDD of 671.5 mbsf.	
This log originally acquired in measured depth from rig floor but played back for sea floor reference.	
Dipole Sonic run with SAM1 low freq. dipole, SAM2 stnd freq dipole	
SAM4 stand freq monopole P&S compressional	
The original logs were acquired with bit size as the hole size assumption.	
All logs recorded via wireline thru 5-5.5" drillpipe and RCB coring BHA consisting of a bit release sub, Kinley sub, drill collars. Drill bit dropped prior to logging.	

EQUIPMENT DESCRIPTION	
RUN 1	RUN 2

DOWNHOLE EQUIPMENT				
LEH-QT	MDSB_EDTC		31.88	
LEH-QT 301	Mud Tempe			
EDTC-B	CTEM		30.99	
EDTH-B 8303	Gamma Ray		29.92	
EDTC-B 8317	EFTB DIAG		29.35	30.99
EDTG-A/B 8305	TelStatus			
	EDTCB Ele		29.01	

Component	Length (m)
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
PWF	11.18
AH-MCD AH-MCD 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-A 840 MEPC-AB 807 MEDS-B 702	7.68
MEDR MEAC MEPC MEDS-B HV DF ACCZ Tension GPIT	0.46
TOOL ZERO	0.00

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

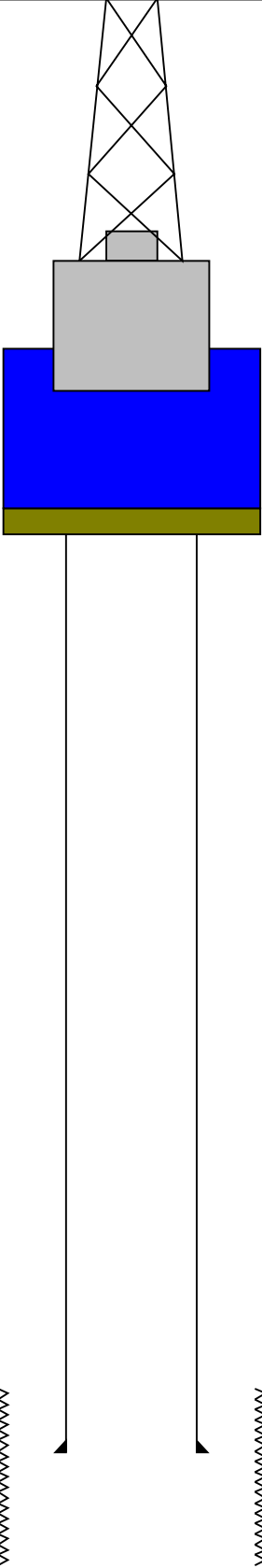
Production String	(in)	(M)	Well Schematic	(M)	(in)	Casing String
	OD	ID		MD	MD	

Kelly Bushing Elevation
Derrick Floor Elevation

Mean Sea Level

-1085.0
-1085.0

-1074.0



4.1

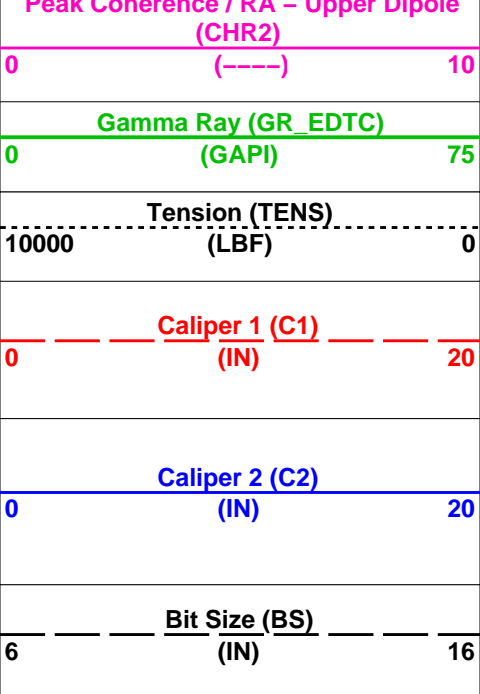
0
98.9

671.5

3.80
9.875

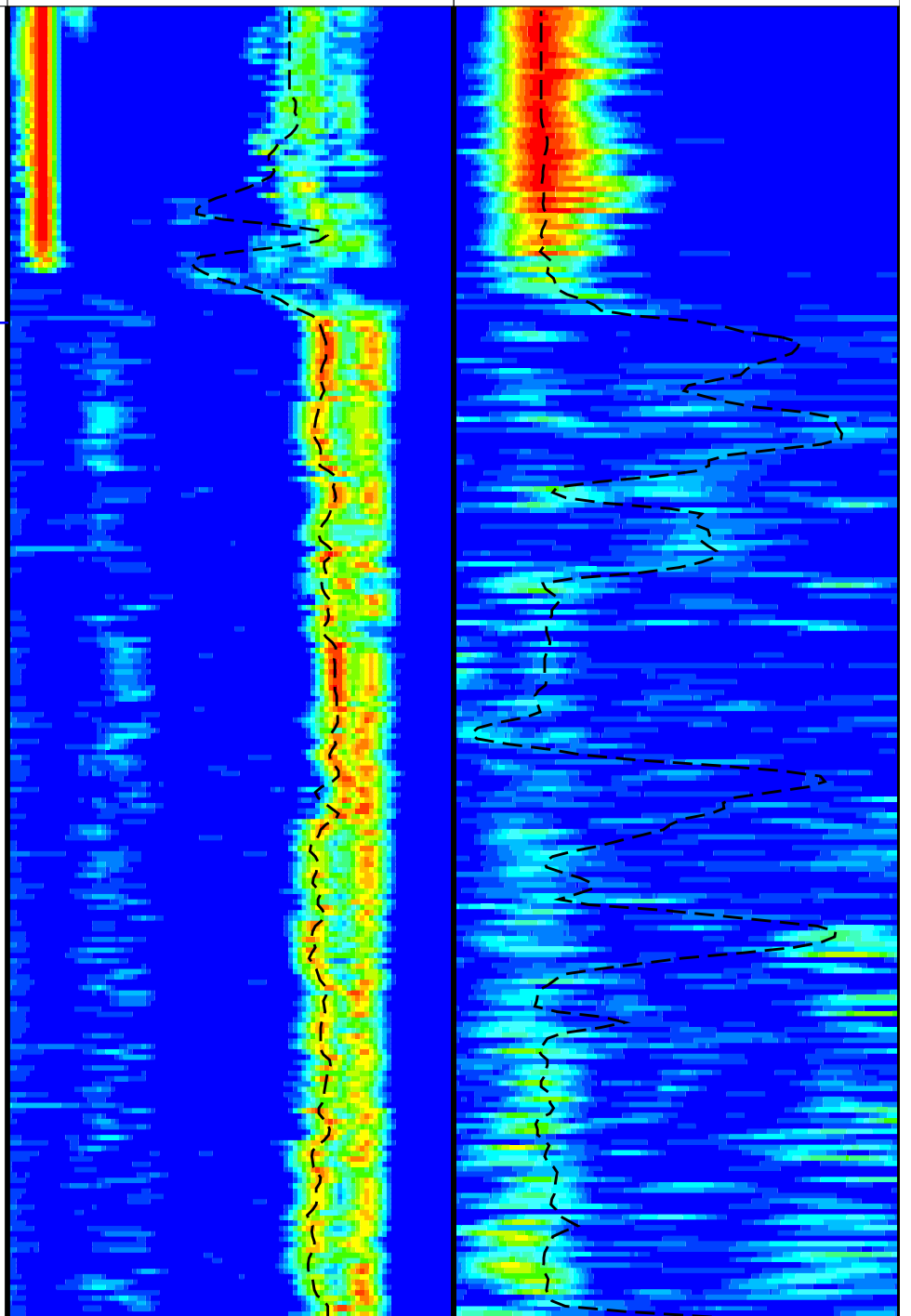
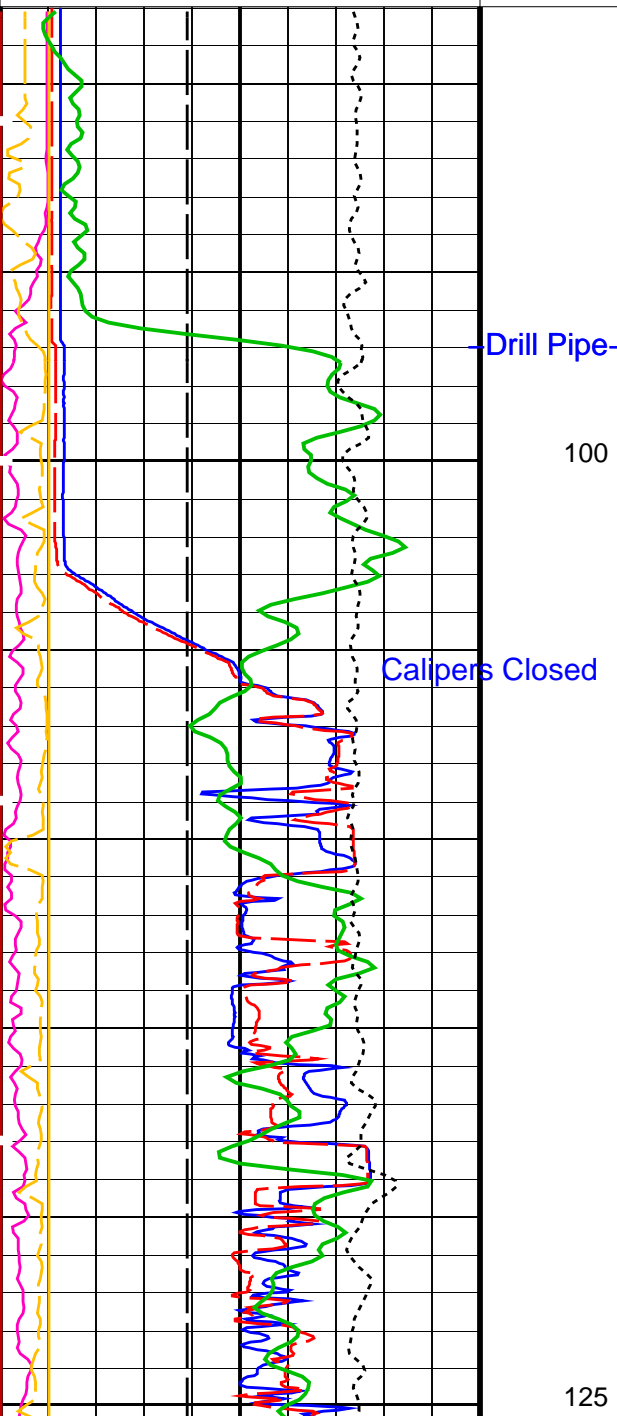
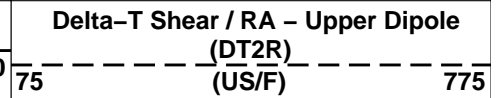
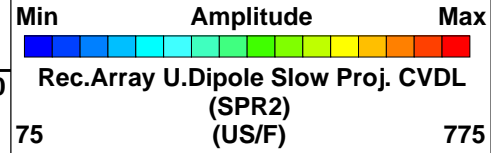
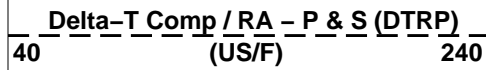
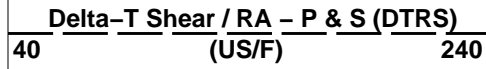
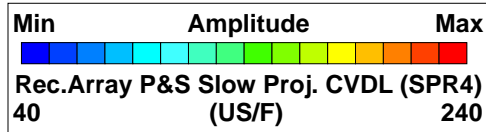
Sea Floor
Open Hole

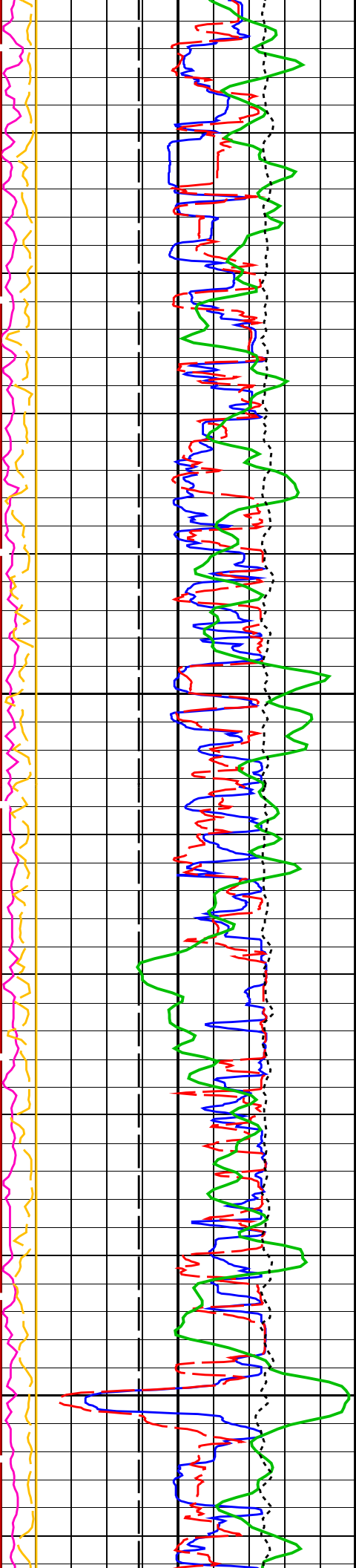
Total Depth



Standard frequency upper dipole

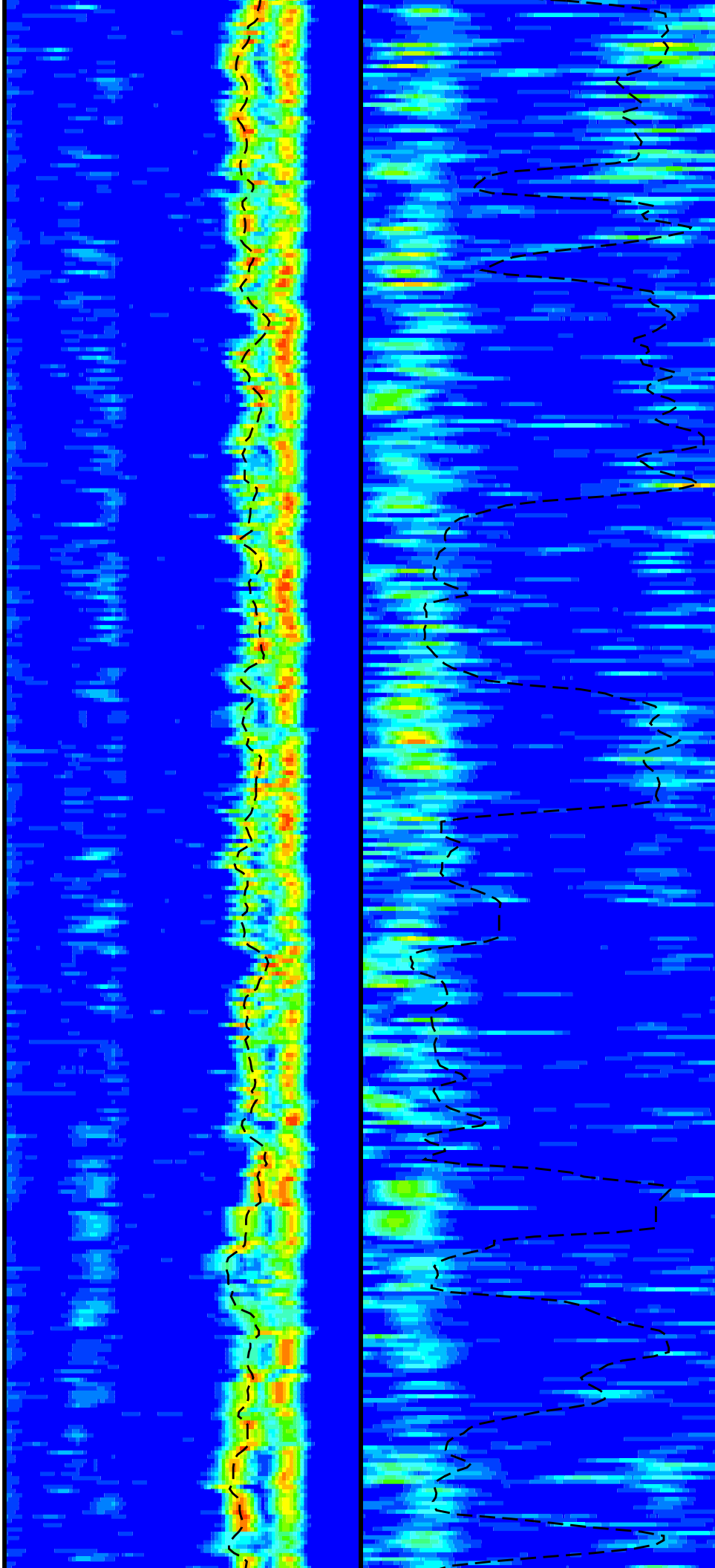
2nd Pass, Sea Floor Depth Reference

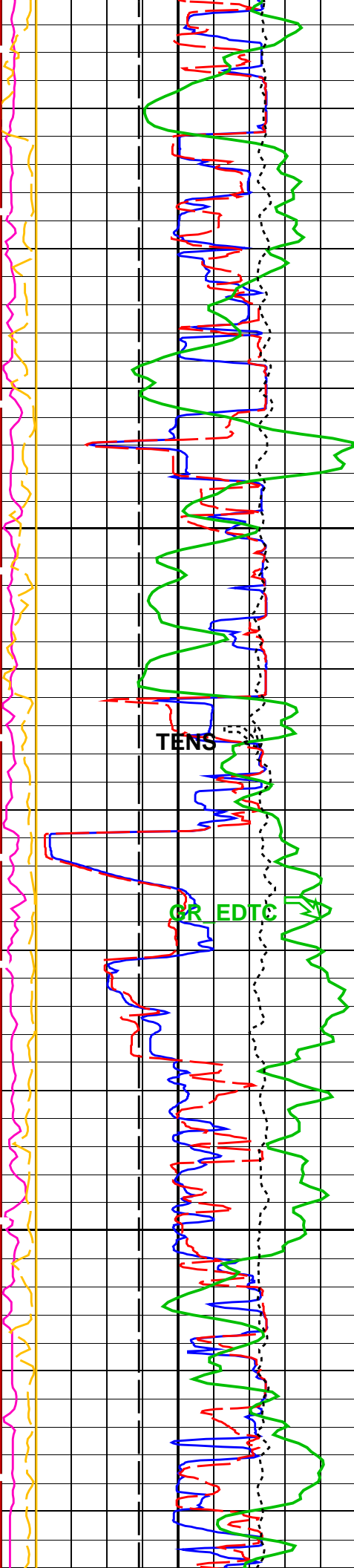




150

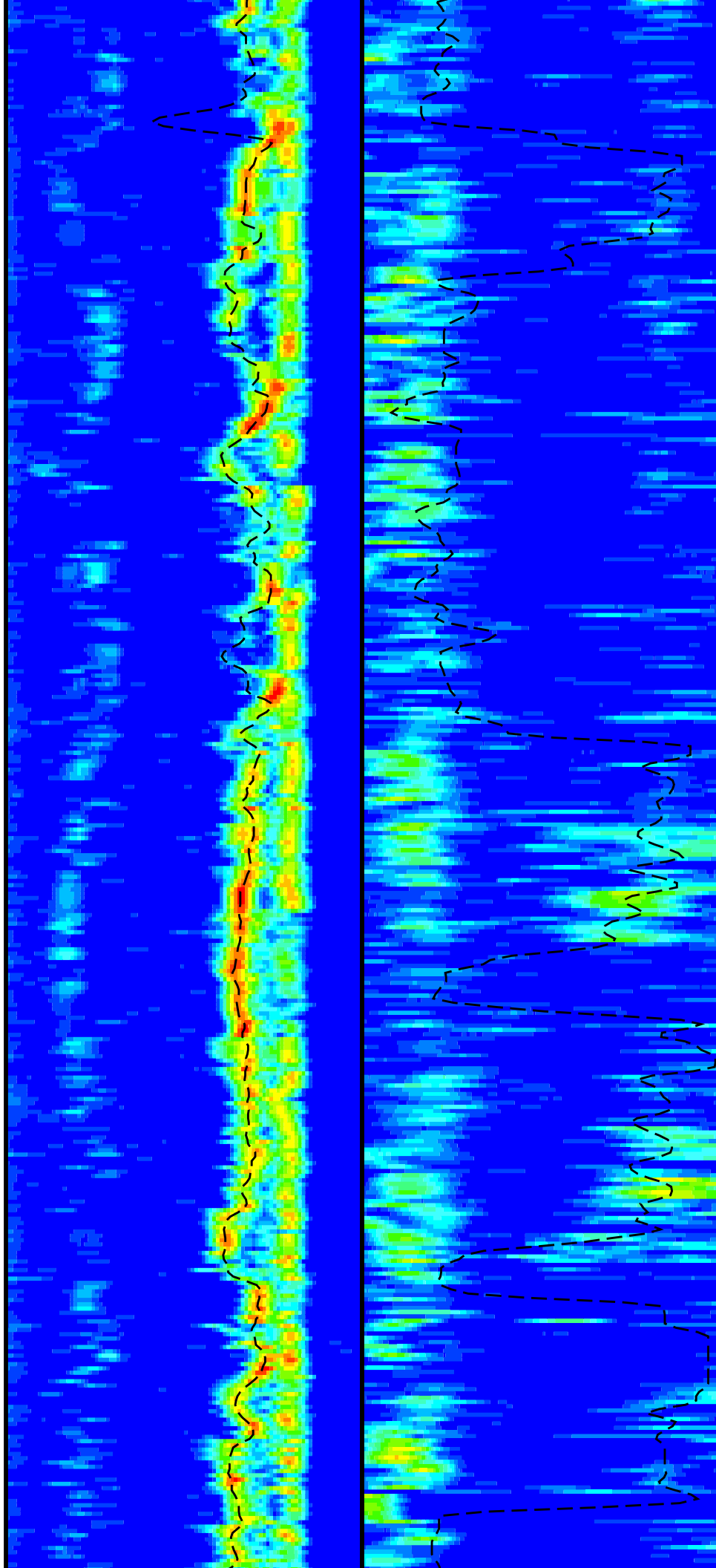
175

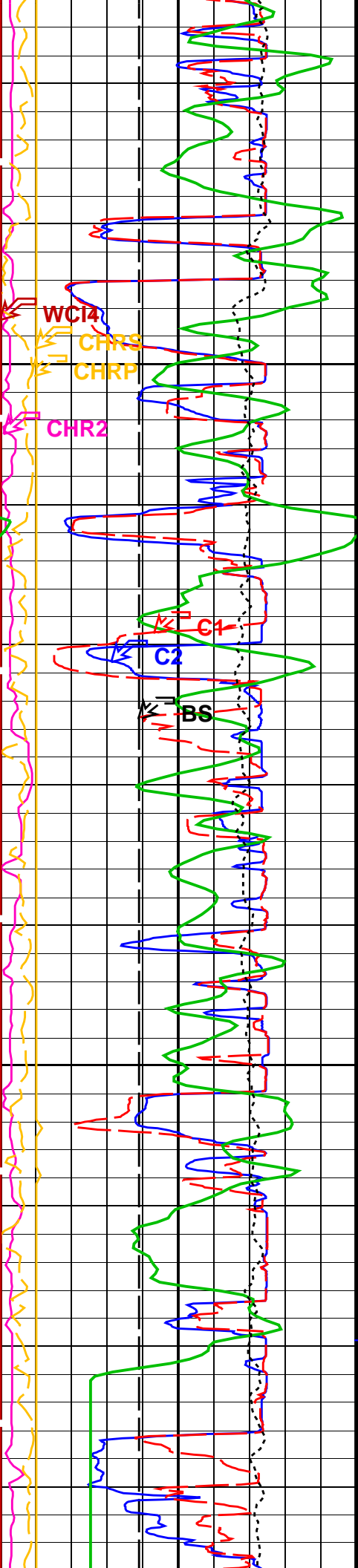




200

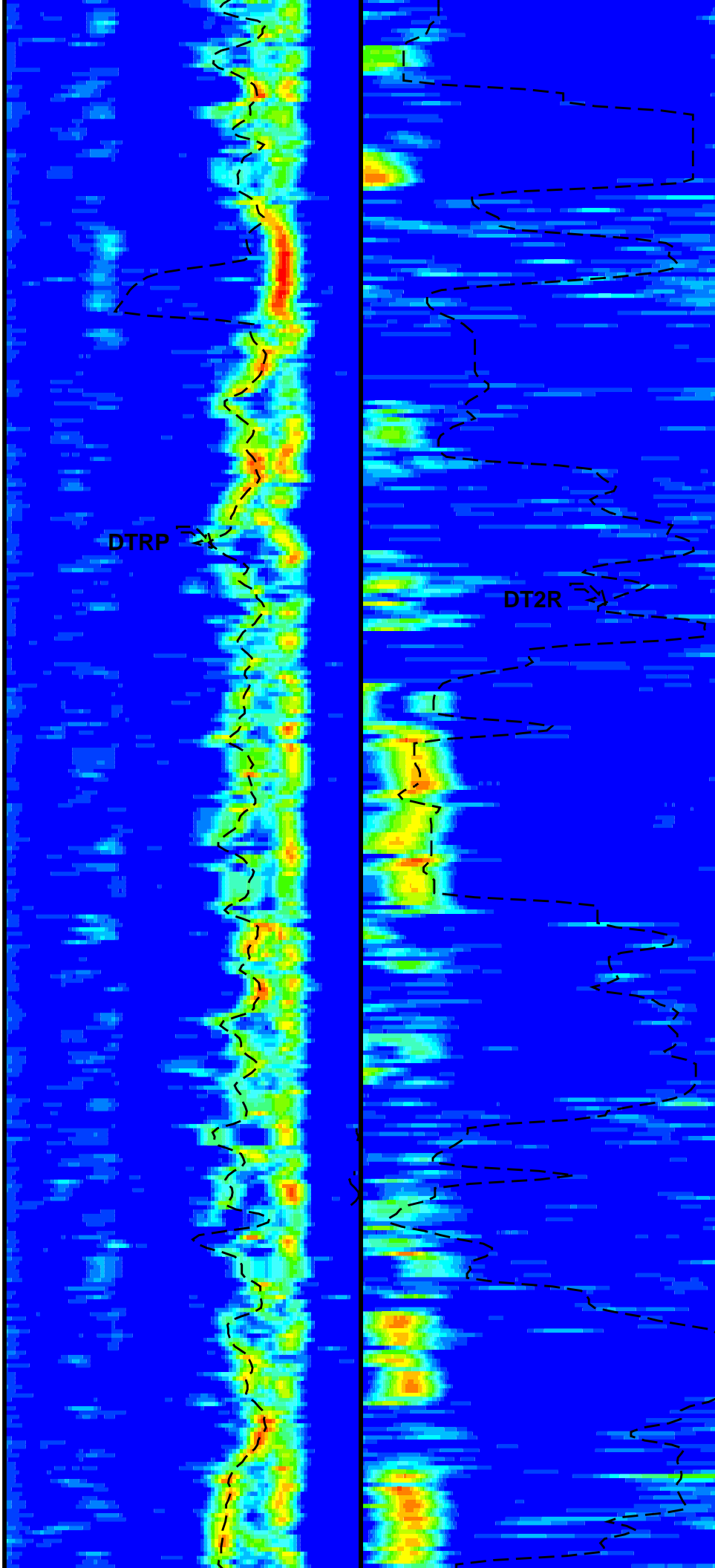
225

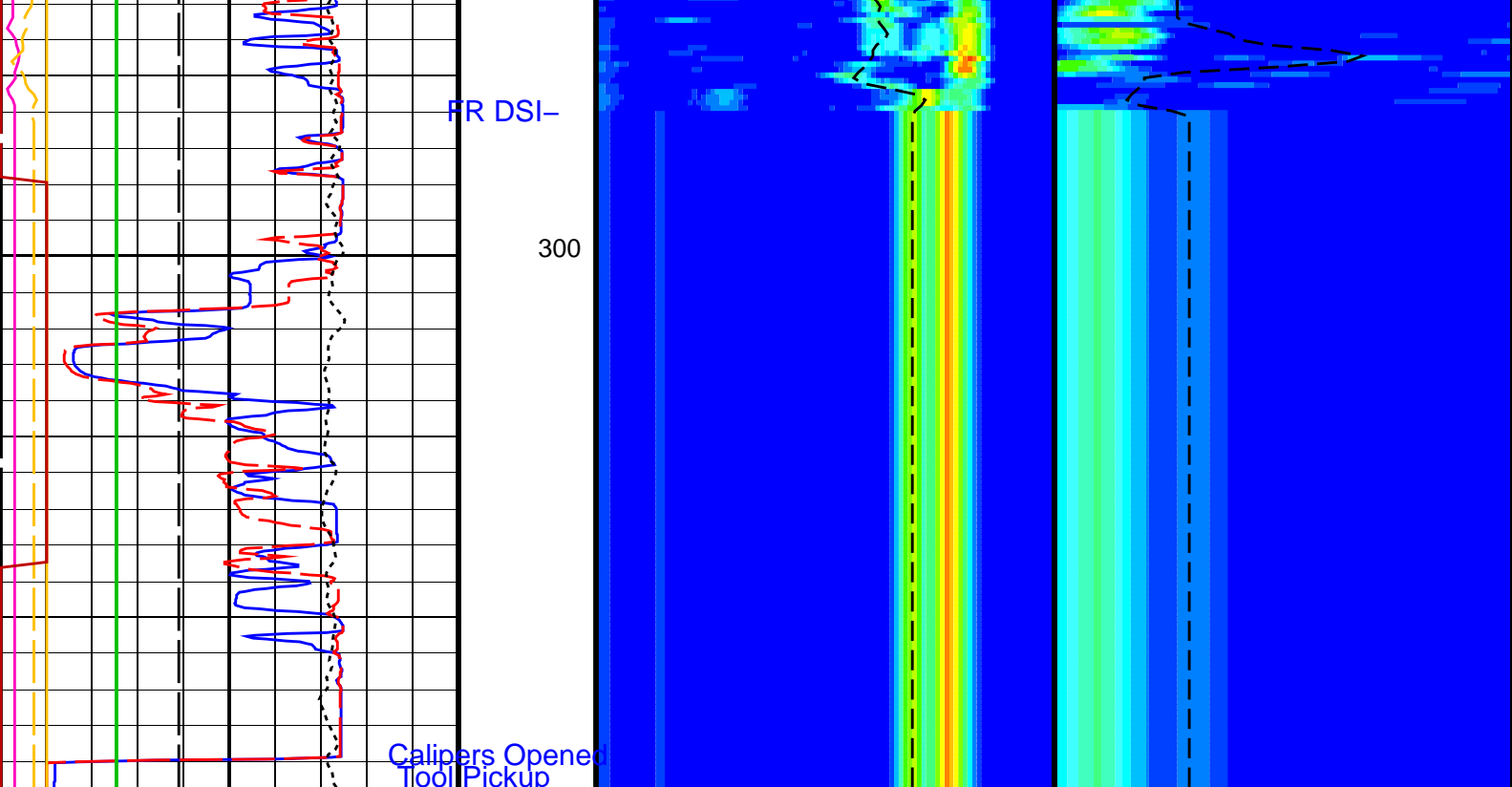




250

275





Bit Size (BS)		Delta-T Comp / RA - P & S (DTRP)		Delta-T Shear / RA - Upper Dipole	
6	(IN)	40	(US/F)	75	(DT2R)
					(US/F)
Caliper 2 (C2)		Delta-T Shear / RA - P & S (DTRS)		Min Amplitude Max	
0	(IN)	40	(US/F)	Rec.Array U.Dipole Slow Proj. CVDL	
				(SPR2)	
				75	(US/F)
					775
Caliper 1 (C1)		Min Amplitude Max			
0	(IN)	Rec.Array P&S Slow Proj. CVDL (SPR4)			
		(US/F)			
		40			
			240		
Tension (TENS)					
10000	(LBF)				
Gamma Ray (GR_EDTC)					
0	(GAPI)				
Peak Coherence / RA - Upper Dipole (CHR2)					
0	(----				
Peak Coherence / RA - P & S Comp (CHRP)					
0	(----				
Peak Coherence / RA - P & S Shear (CHRS)					
-1	(----				
Waveform Data Copy Indicator 4 - Monopole P&S (WCI4)					
0	(----				

Standard frequency upper dipole

2nd Pass, Sea Floor Depth Reference

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	100	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

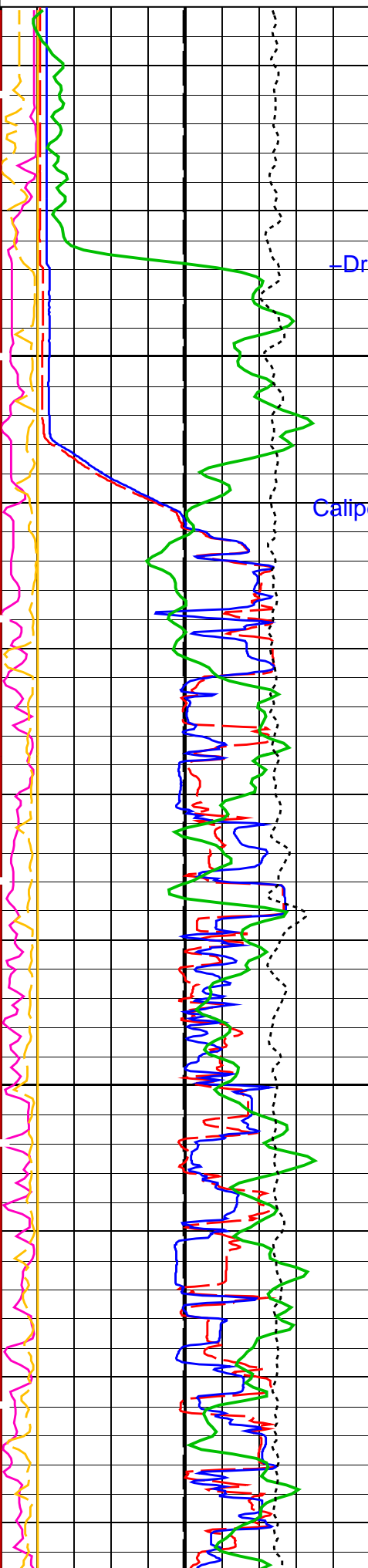
BHS	Borehole Status	OPEN	
BS	System and Miscellaneous		
BS	Bit Size	9.875	IN
BO	Depth Offset for Playback	1025.0	M

DO PP	Depth Onset for Playback Playback Processing	-1085.0 M NORMAL
Format: DSST_P_S_UPPER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 16-Jan-2012 07:14		
OP System Version: 19C0-187		
MEST-B DSST-B	19C0-187 19C0-187	DTA-A EDTC-B 19C0-187 SKK-5169-EDTCB
Input DLIS Files		
DEFAULT	FMS_DSI_030LUP	FN:42 PRODUCER 15-Jan-2012 15:52 1399.6 M 1172.9 M
Output DLIS Files		
DEFAULT	FMS_DSI_032PUP	FN:46 PRODUCER 16-Jan-2012 07:14

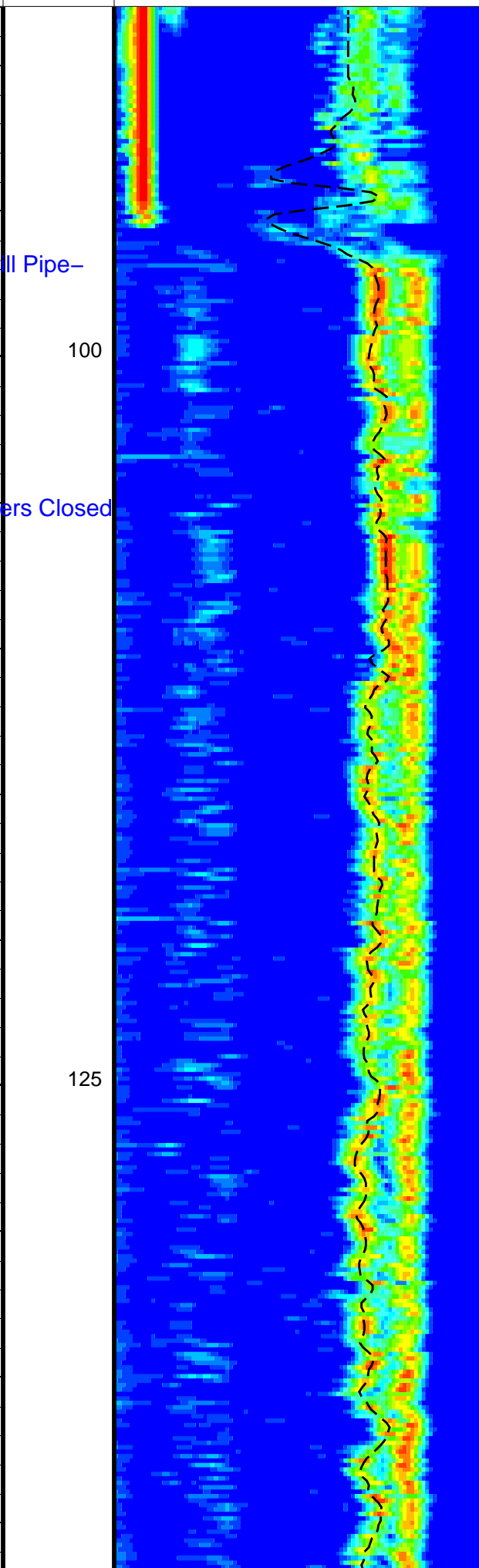
Company: Lamont Doherty		Well: Expedition 339, Site U1391 WI-01B			
Input DLIS Files					
DEFAULT	FMS_DSI_030LUP	FN:42	PRODUCER	15-Jan-2012 15:52	1399.6 M 1172.9 M
Output DLIS Files					
DEFAULT	FMS_DSI_032PUP	FN:46	PRODUCER	16-Jan-2012 07:14	314.7 M 87.9 M
OP System Version: 19C0-187					
MEST-B	19C0-187	DTA-A	19C0-187		
DSST-B	19C0-187	EDTC-B	SKK-5169-EDTCB		

PIP SUMMARY	
<div>Time Mark Every 60 S</div>	
<div>Waveform Data Copy Indicator 4 – Monopole P&S (WCI4)</div> <div>0 (----) 10</div>	<div>2nd Pass, Sea Floor Depth Reference</div> <div>Low frequency lower dipole</div>
<div>Peak Coherence / RA – P & S Shear (CHRS)</div> <div>-1 (----) 9</div>	
<div>Peak Coherence / RA – P & S Comp (CHRP)</div> <div>0 (----) 10</div>	
<div>Peak Coherence / RA – Lower Dipole (CHR1)</div> <div>0 (----) 10</div>	
<div>Gamma Ray (GR_EDTC)</div> <div>0 (GAPI) 75</div>	
<div>Tension (TENS)</div> <div>10000 (LBF) 0</div>	
<div>Caliper 2 (C2)</div> <div>0 (IN) 20</div>	
<div>Caliper 1 (C1)</div> <div>0 (IN) 20</div>	
<div>Bit Size (BS)</div>	
<div>Delta-T Shear / RA – P & S (DTRS)</div> <div>40 (US/F) 240</div>	
<div>Delta-T Shear / RA – Lower Dipole</div>	<div>Min Amplitude Max</div> <div>Rec.Array L.Dipole Slow Proj. CVDL (SPR1)</div> <div>75 (US/F) 775</div>

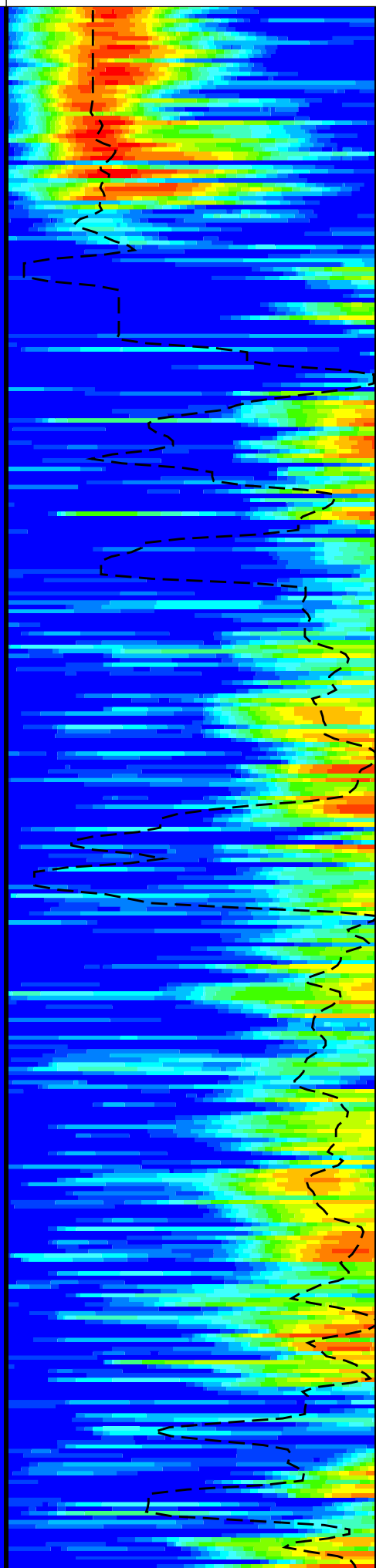
0 Bit Size (BS) (IN) 20

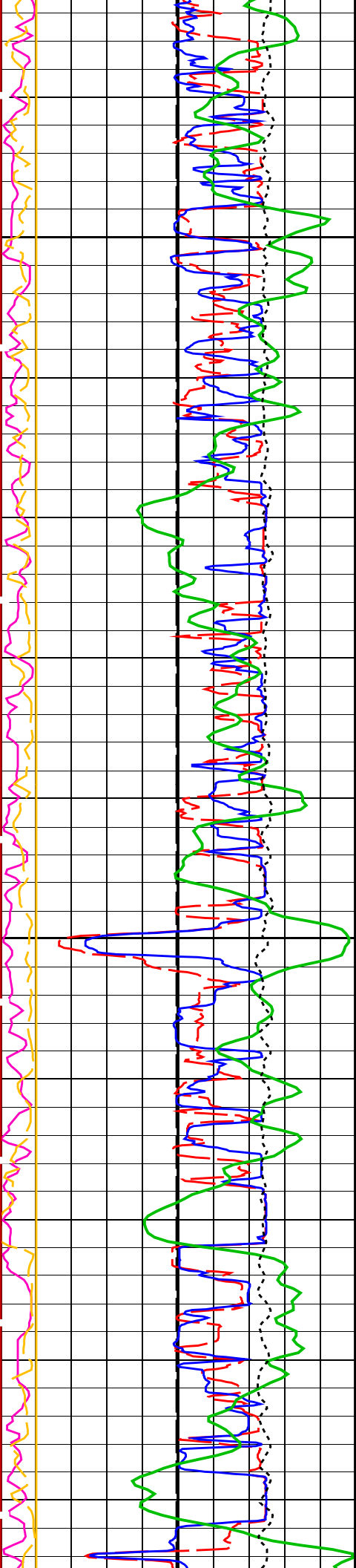


40 Delta-T Comp / RA - P & S (DT1R) (US/F) 240



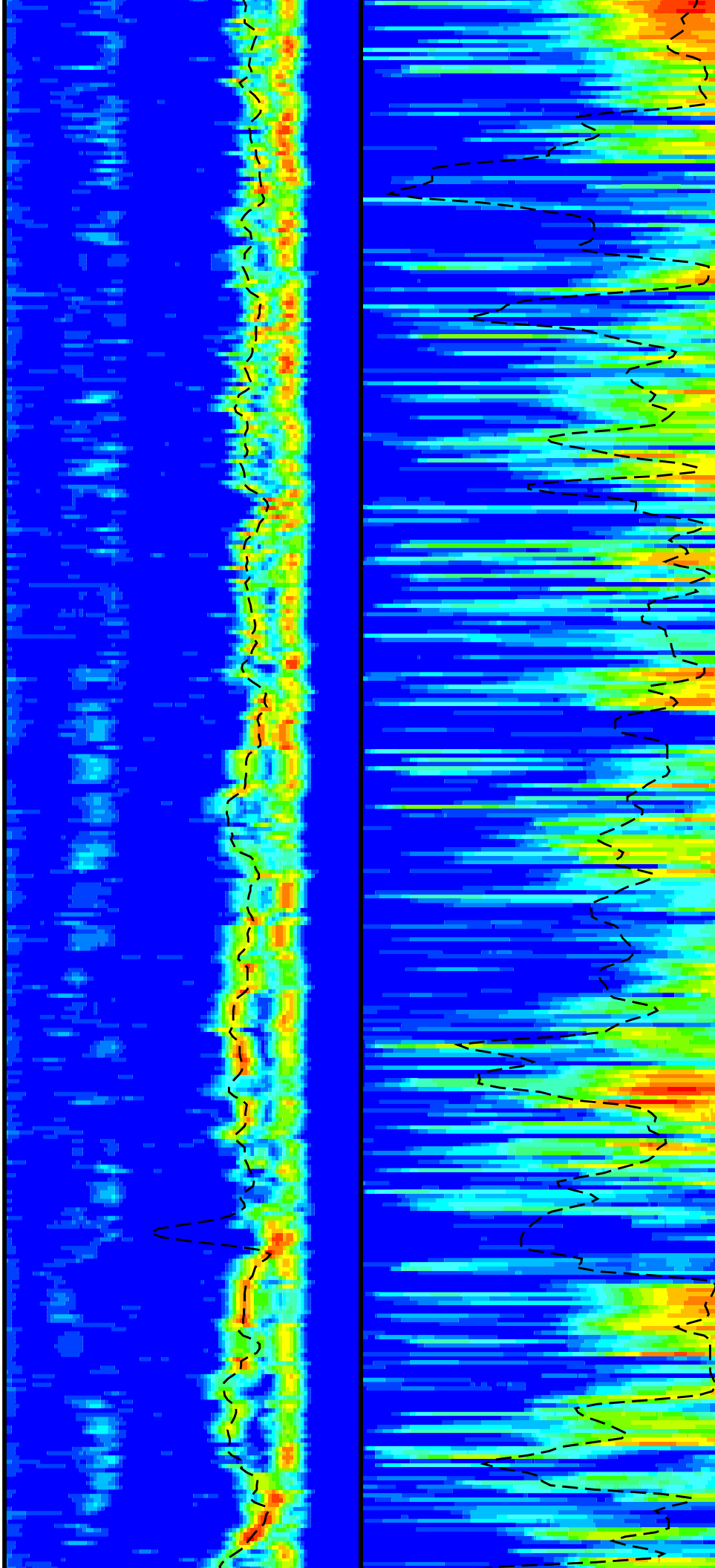
75 (DT1R) (US/F) 775

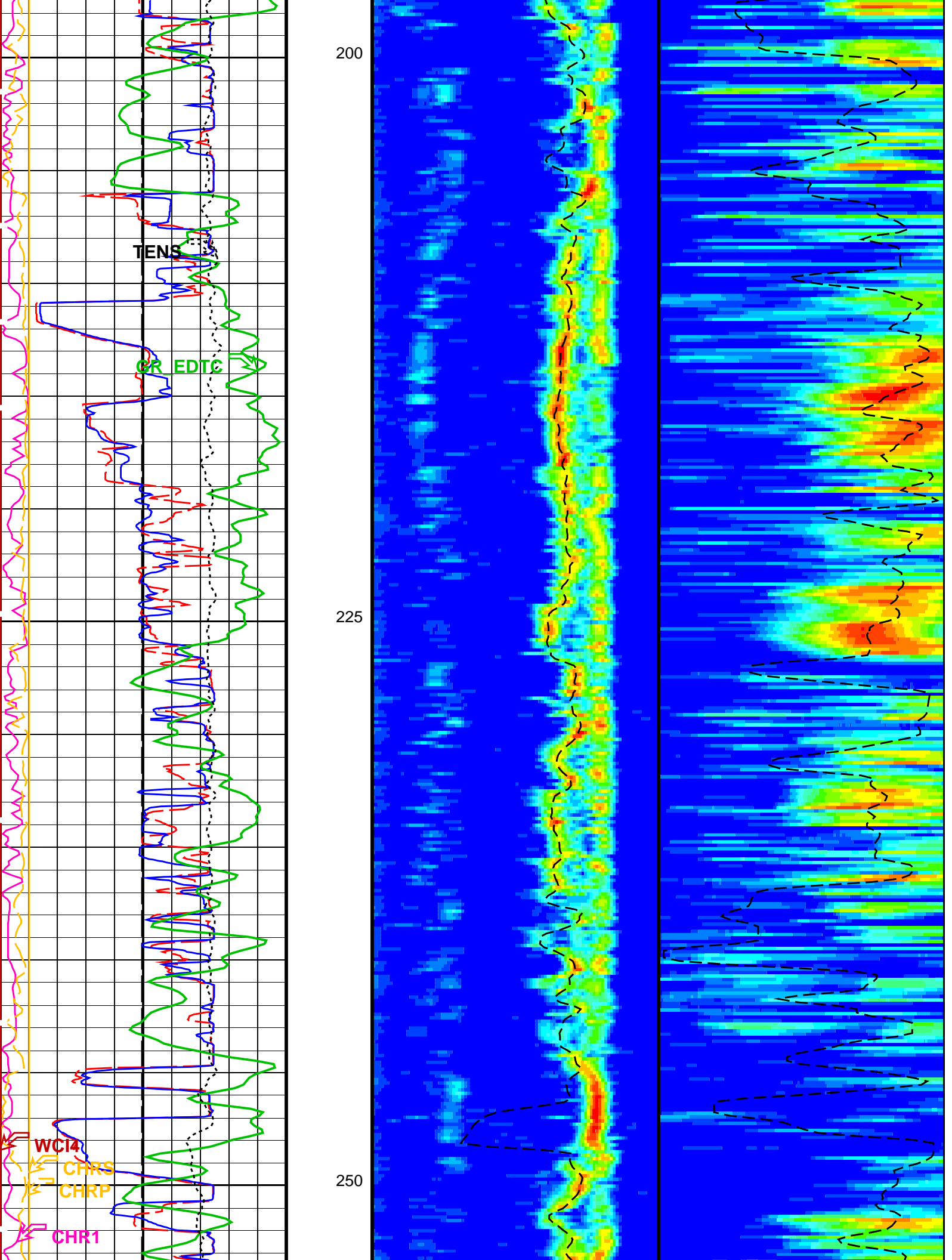


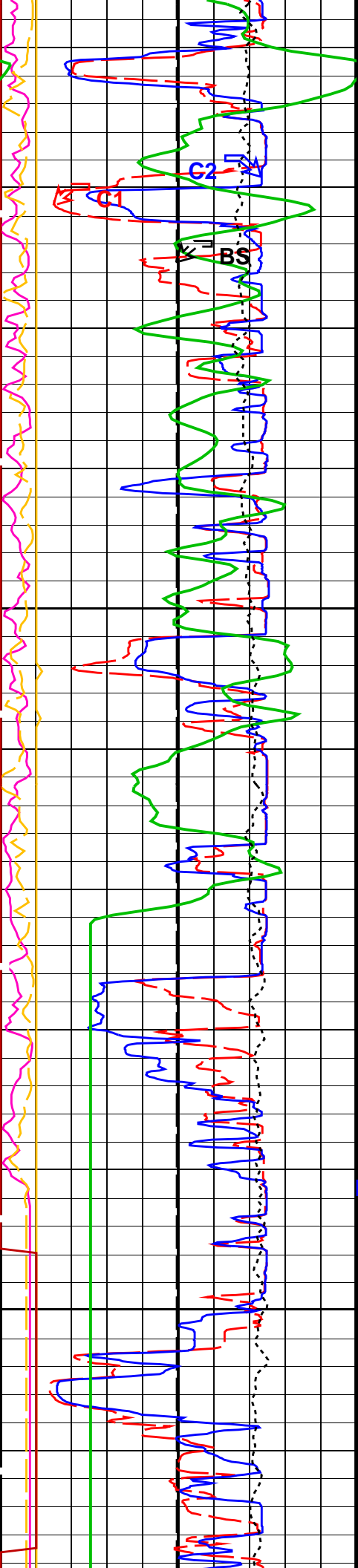


150

175





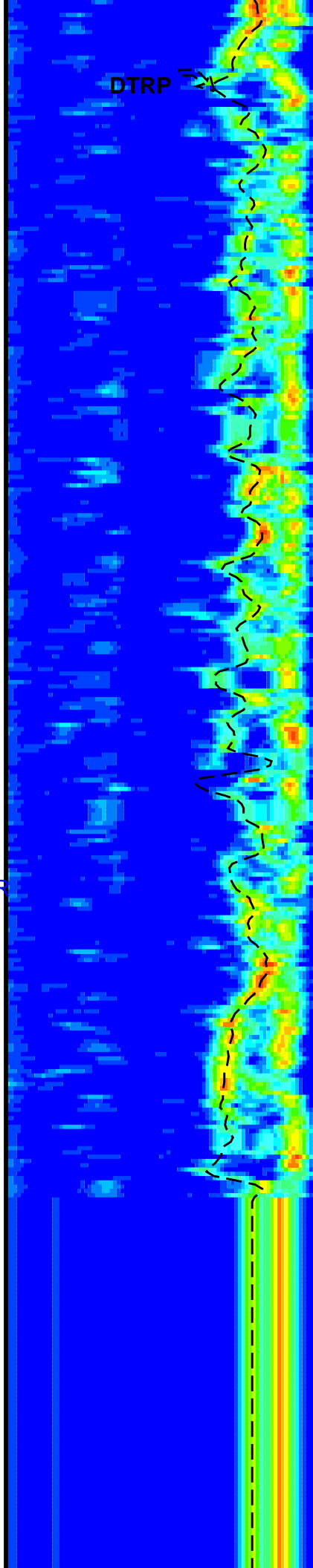


275

-FR GR

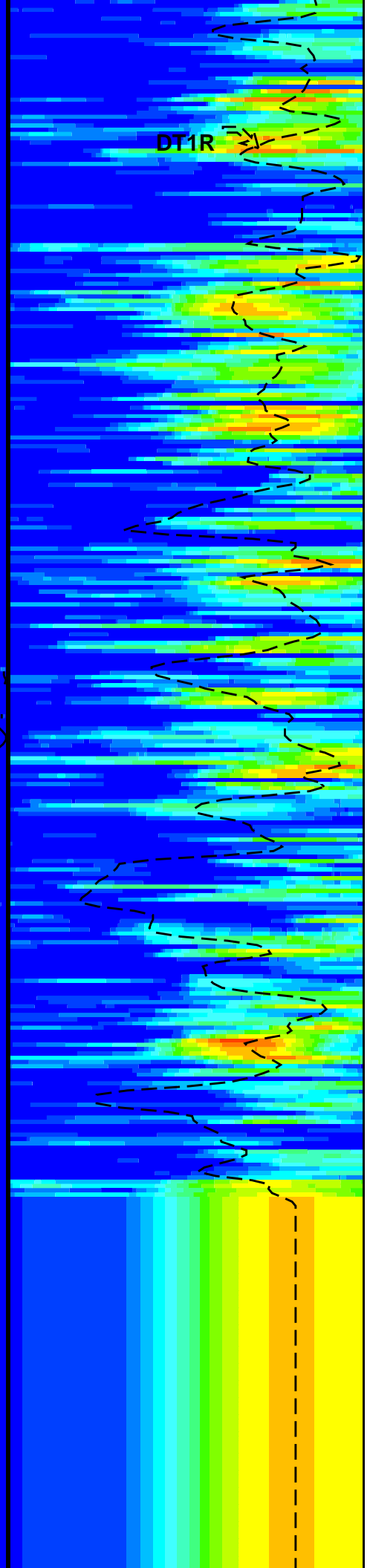
FR DSI-

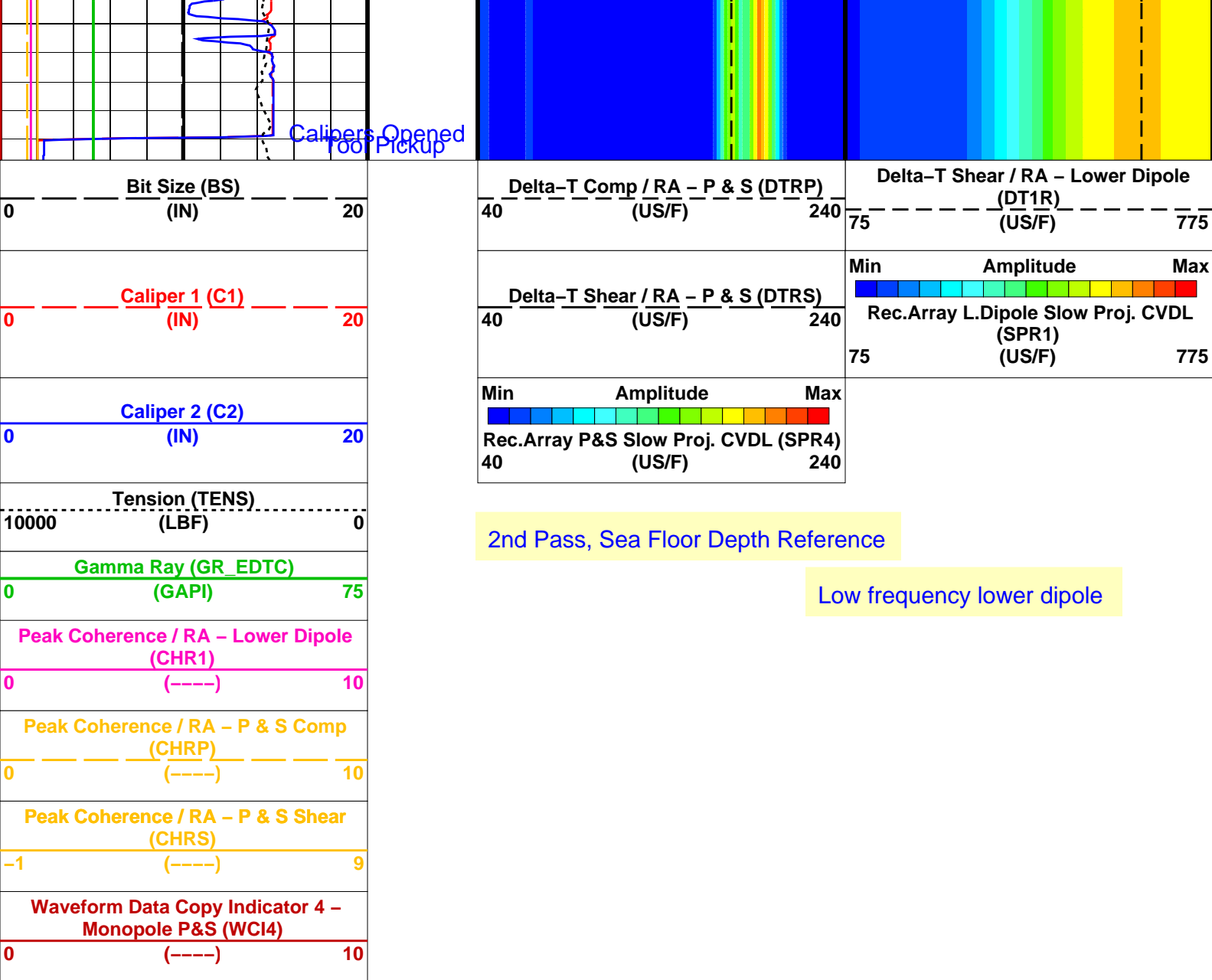
300



DTRP

DT1R





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	100	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
NW11	Number Waveform Items 1	0	

NWI1	Number Waveform Items 1	8	
NWI4	Number Waveform Items 4	0	
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	9.875	IN
DO	Depth Offset for Playback	–1085.0	M
PP	Playback Processing	NORMAL	

Format: DSST_P_S_LOWER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 16–Jan–2012 07:14

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_030LUP	FN:42	PRODUCER	15–Jan–2012 15:52	1399.6 M	1172.9 M
---------	----------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_032PUP	FN:46	PRODUCER	16–Jan–2012 07:14
---------	----------------	-------	----------	-------------------

Input DLIS Files

DEFAULT FMS_DSI_029LUP FN:40 PRODUCER 15-Jan-2012 14:18 1752.6 M 1073.5 M

Output DLIS Files

DEFAULT FMS_DSI_031PUP FN:44 PRODUCER 15-Jan-2012 16:38 667.5 M -11.4 M
BACKUPDLIS FMS_DSI_031PUP FN:45 PRODUCER 15-Jan-2012 16:38 667.5 M -11.4 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

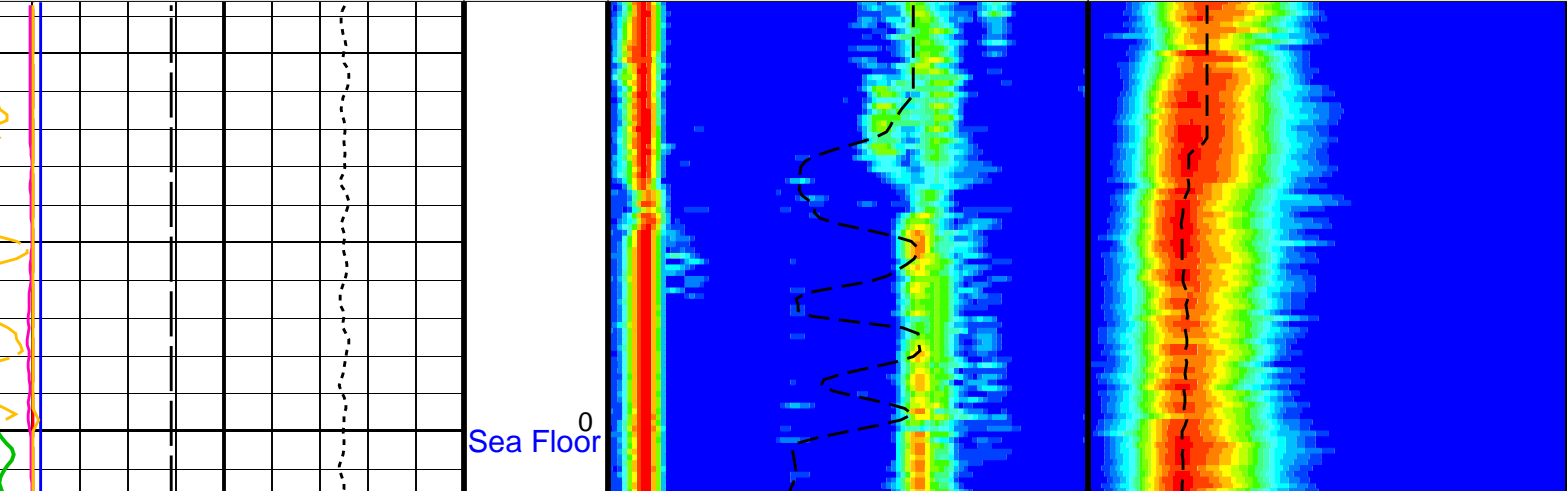
Time Mark Every 60 S

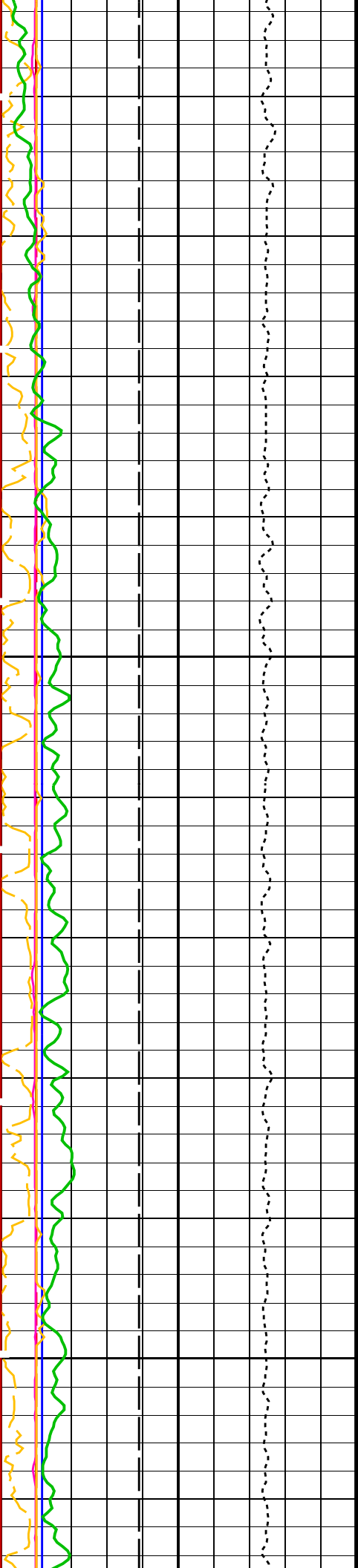
Waveform Data Copy Indicator 4 – Monopole P&S (WCI4)		
0	(-----)	10
Peak Coherence / RA – P & S Shear (CHRS)		
-1	(-----)	9
Peak Coherence / RA – P & S Comp (CHRP)		
0	(-----)	10
Peak Coherence / RA – Upper Dipole (CHR2)		
0	(-----)	10
Gamma Ray (GR_EDTC) (GAPI)		
0		75
Tension (TENS) (LBF)		
10000		0
Caliper 1 (C1) (IN)		
0		20
Caliper 2 (C2) (IN)		
0		20
Bit Size (BS) (IN)		
6		16

Standard frequency upper dipole

1st Pass, Sea Floor Depth Reference

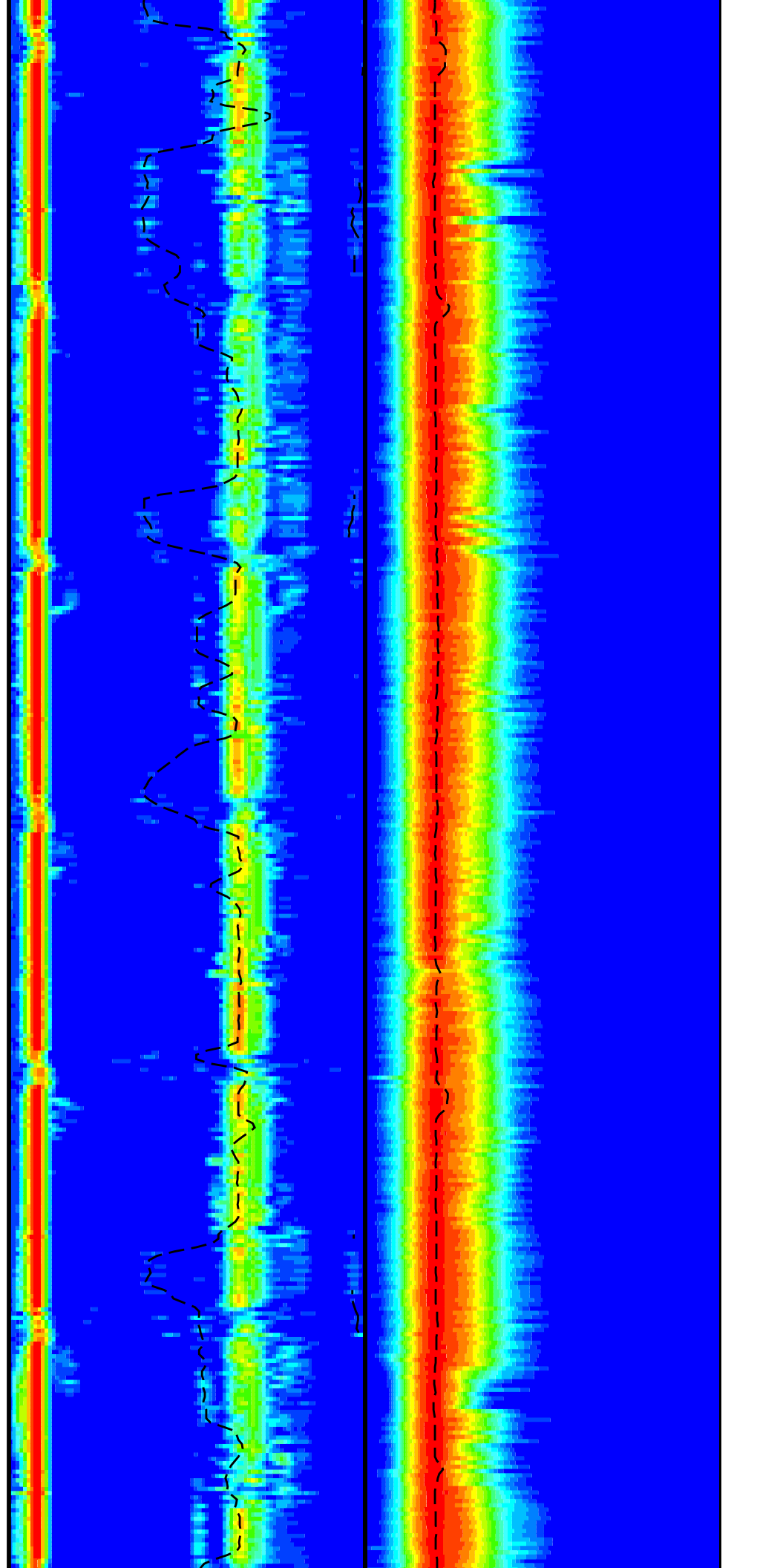
Min	Amplitude	Max
40	Rec.Array P&S Slow Proj. CVDL (SPR4) (US/F)	240
40	Delta-T Shear / RA – P & S (DTRS) (US/F)	240
40	Delta-T Comp / RA – P & S (DTRP) (US/F)	240
75	Min Amplitude Max Rec.Array U.Dipole Slow Proj. CVDL (SPR2) (US/F)	775
75	Delta-T Shear / RA – Upper Dipole (DT2R) (US/F)	775

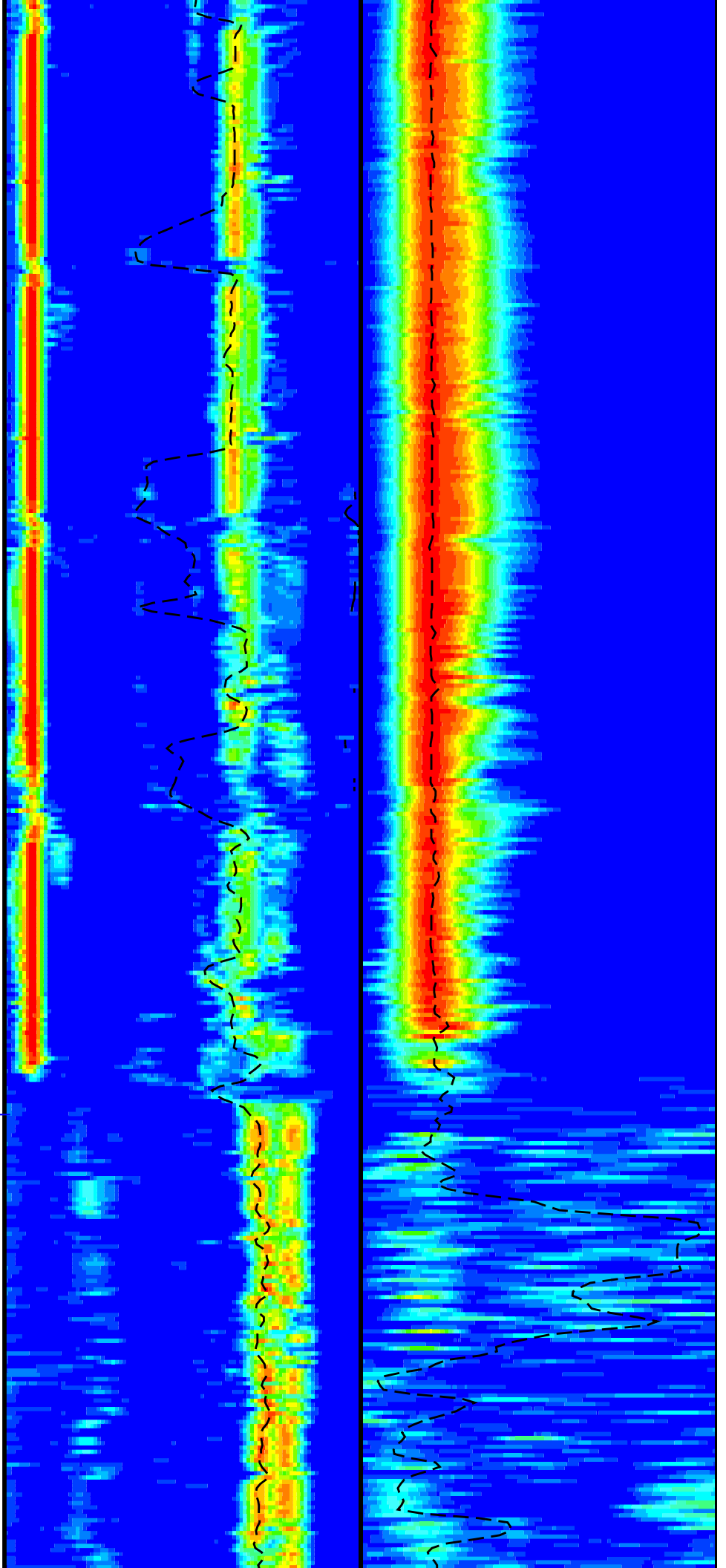
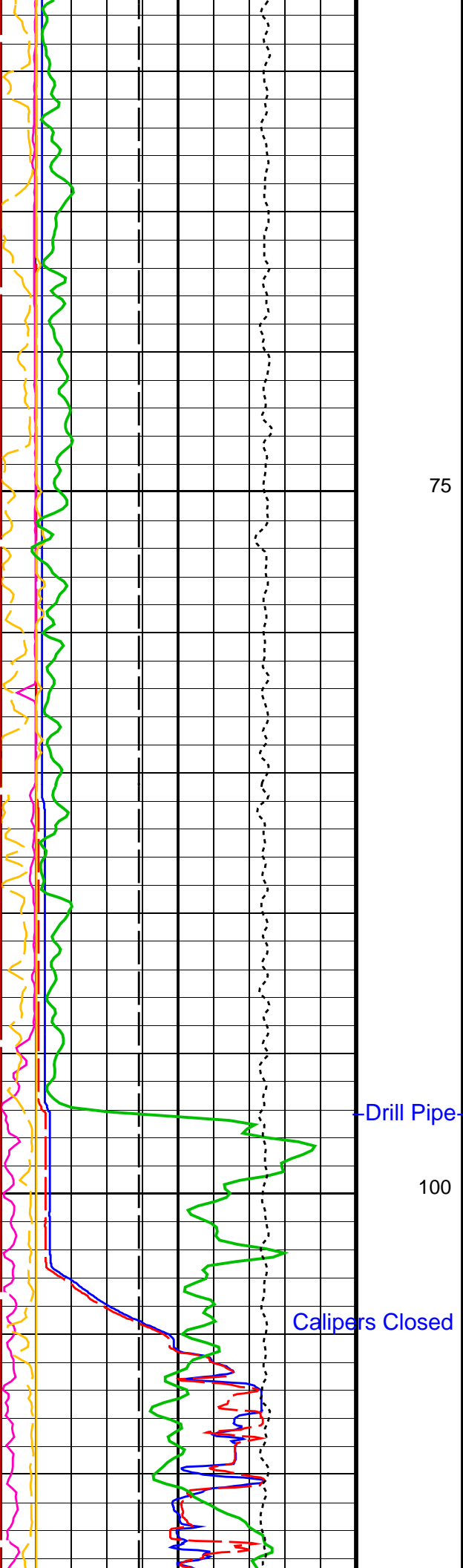


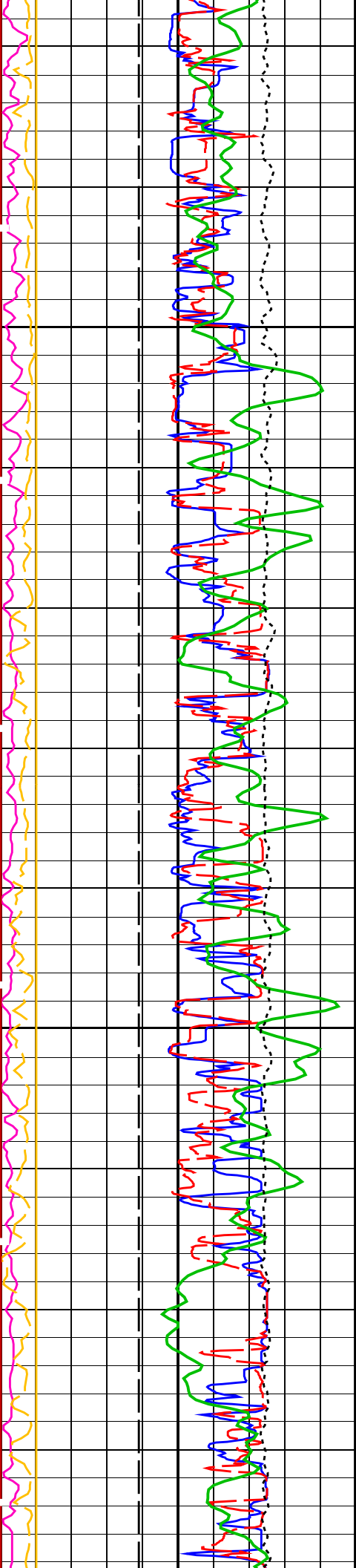


25

50

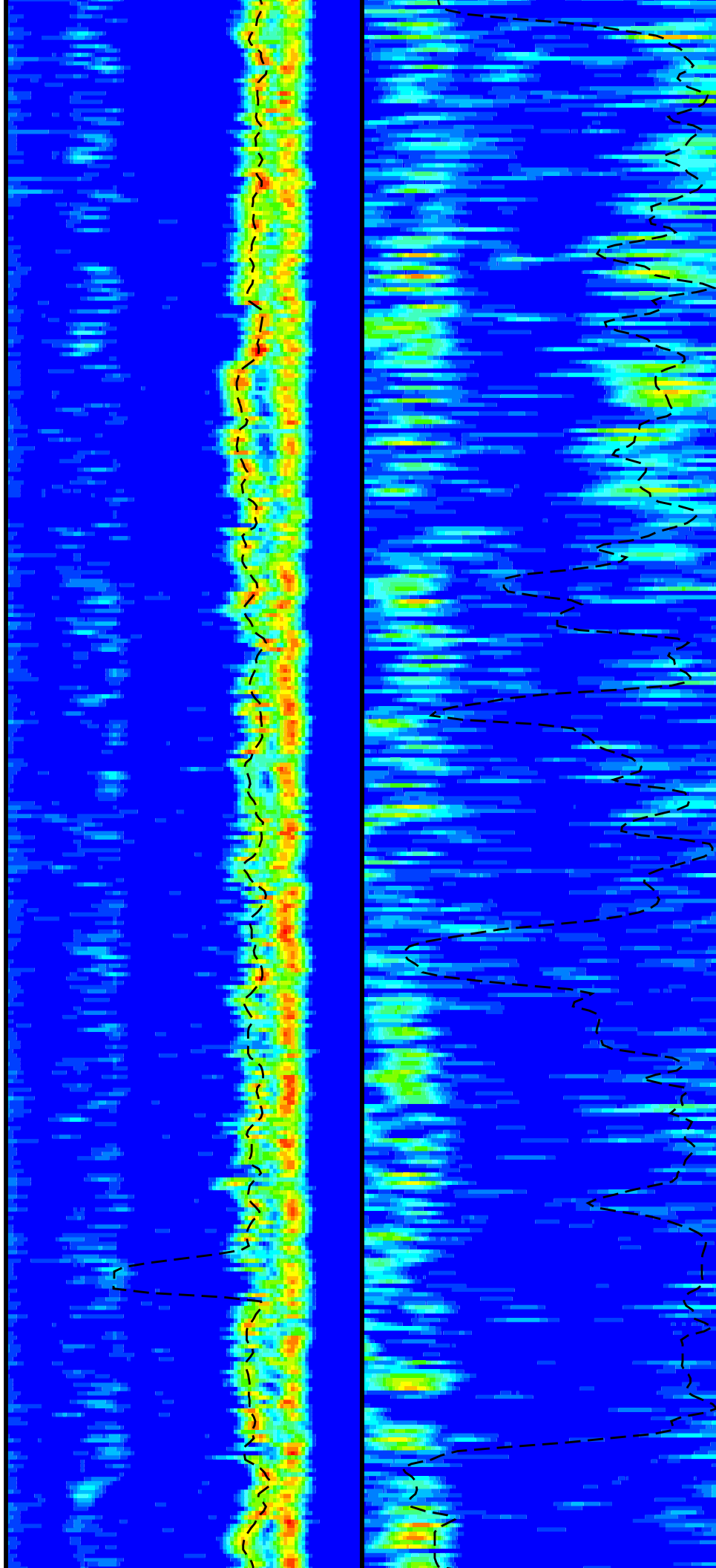


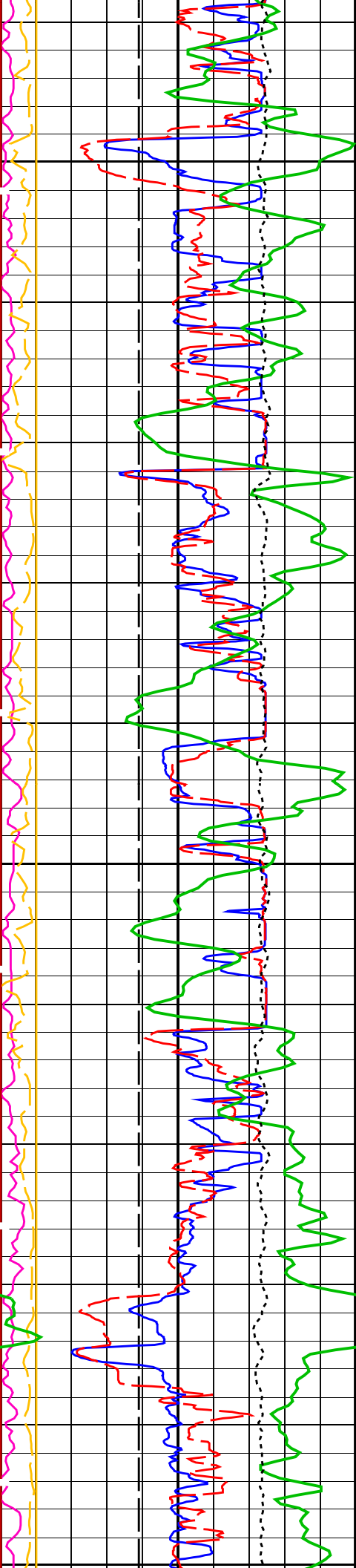




125

150

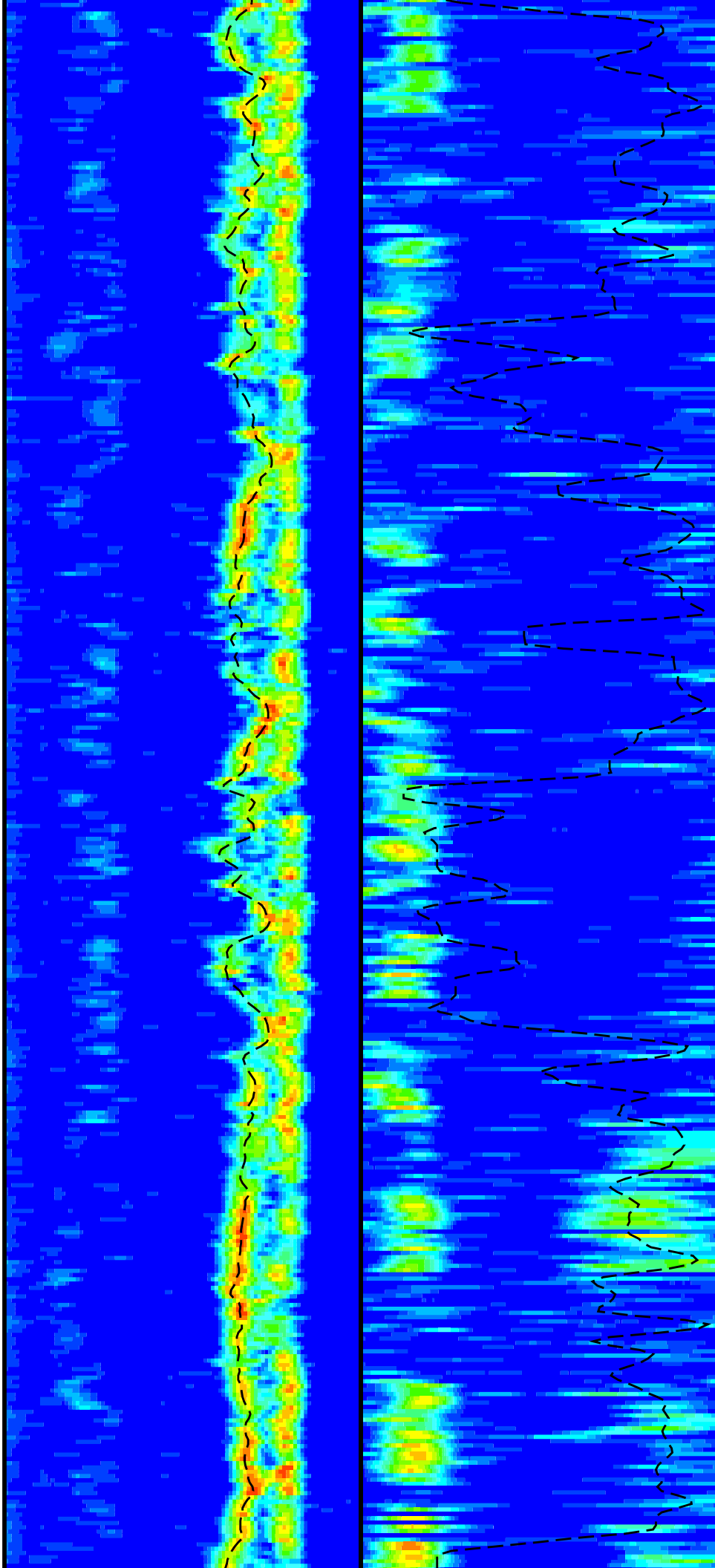


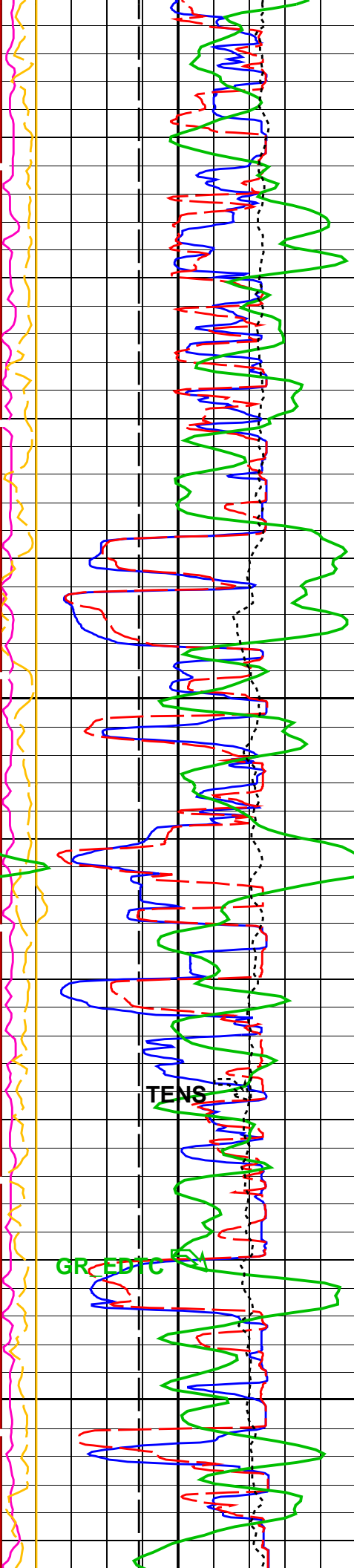


175

200

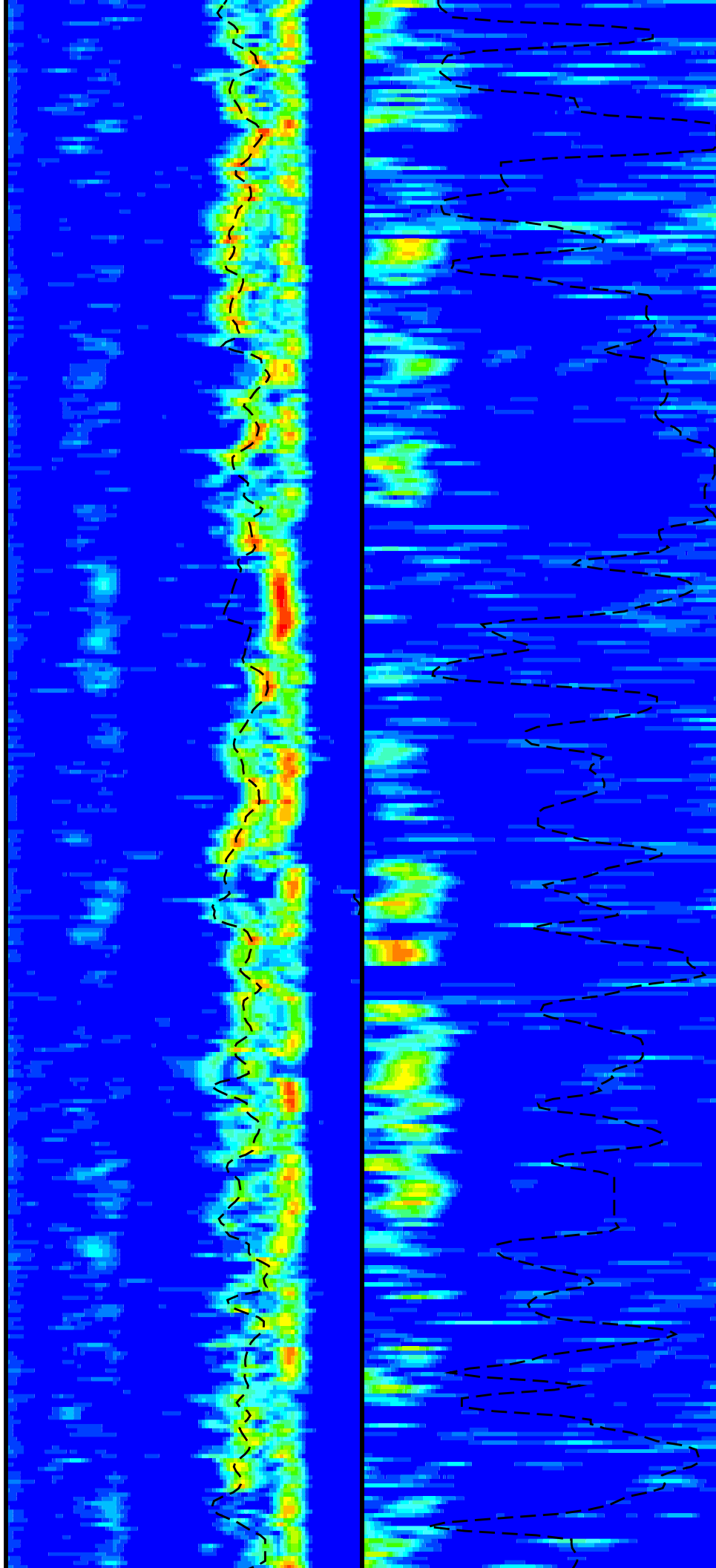
225

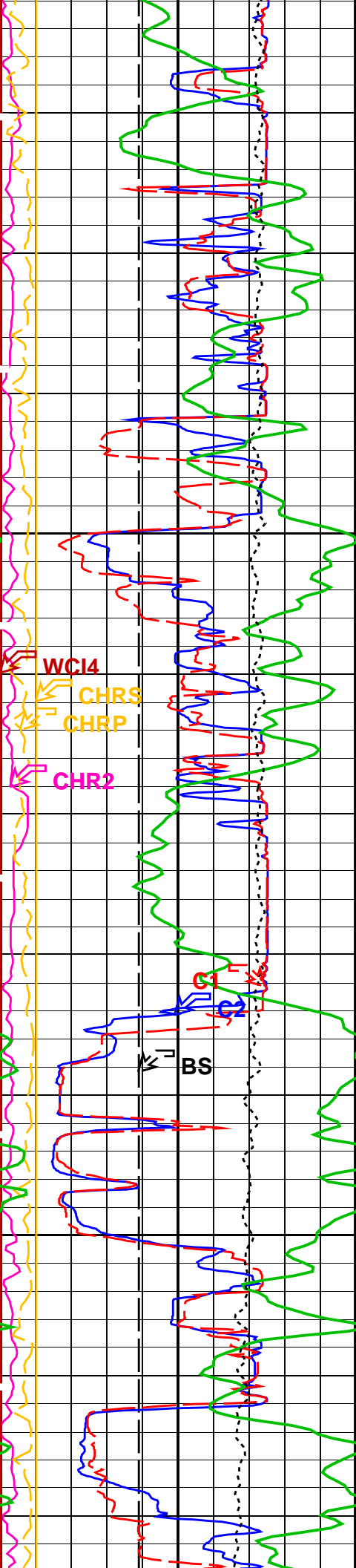




250

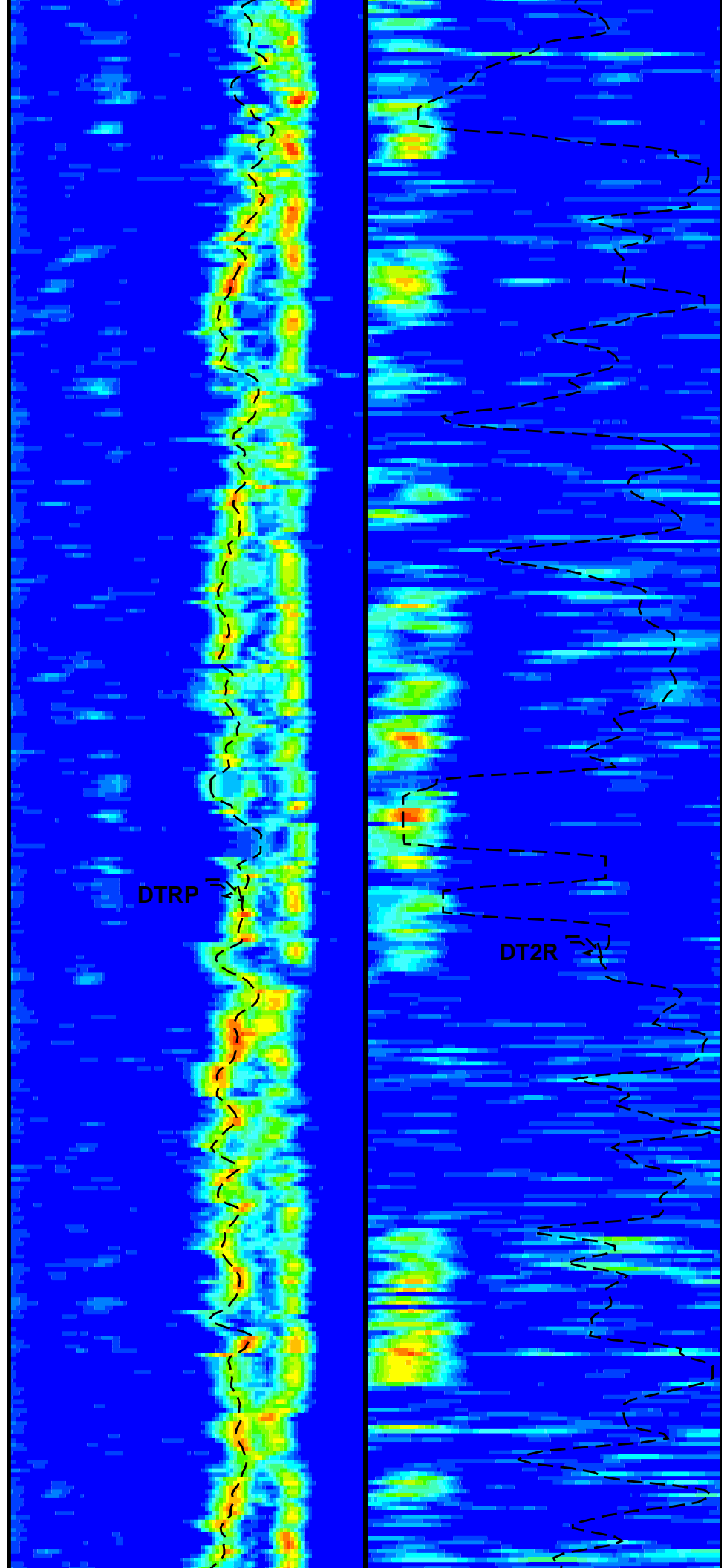
275

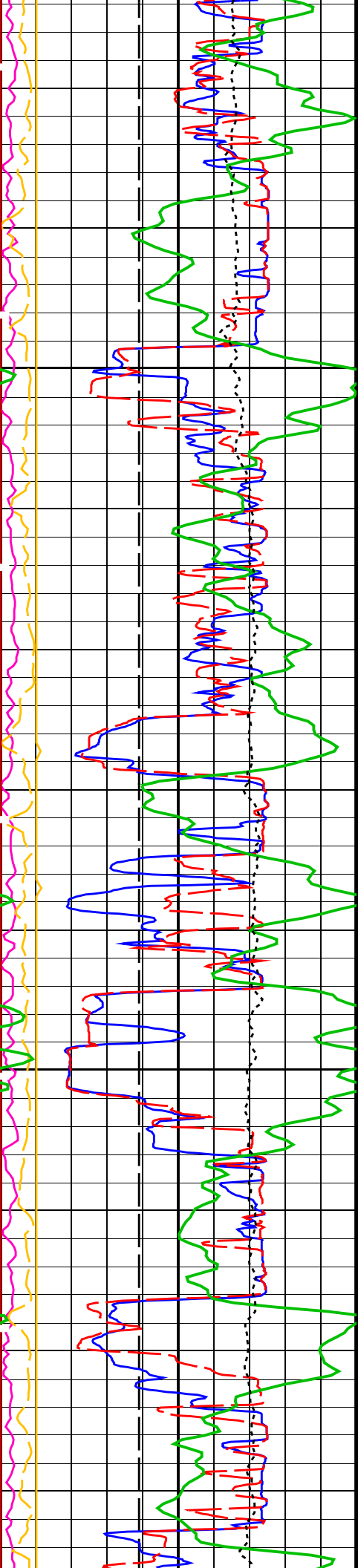




300

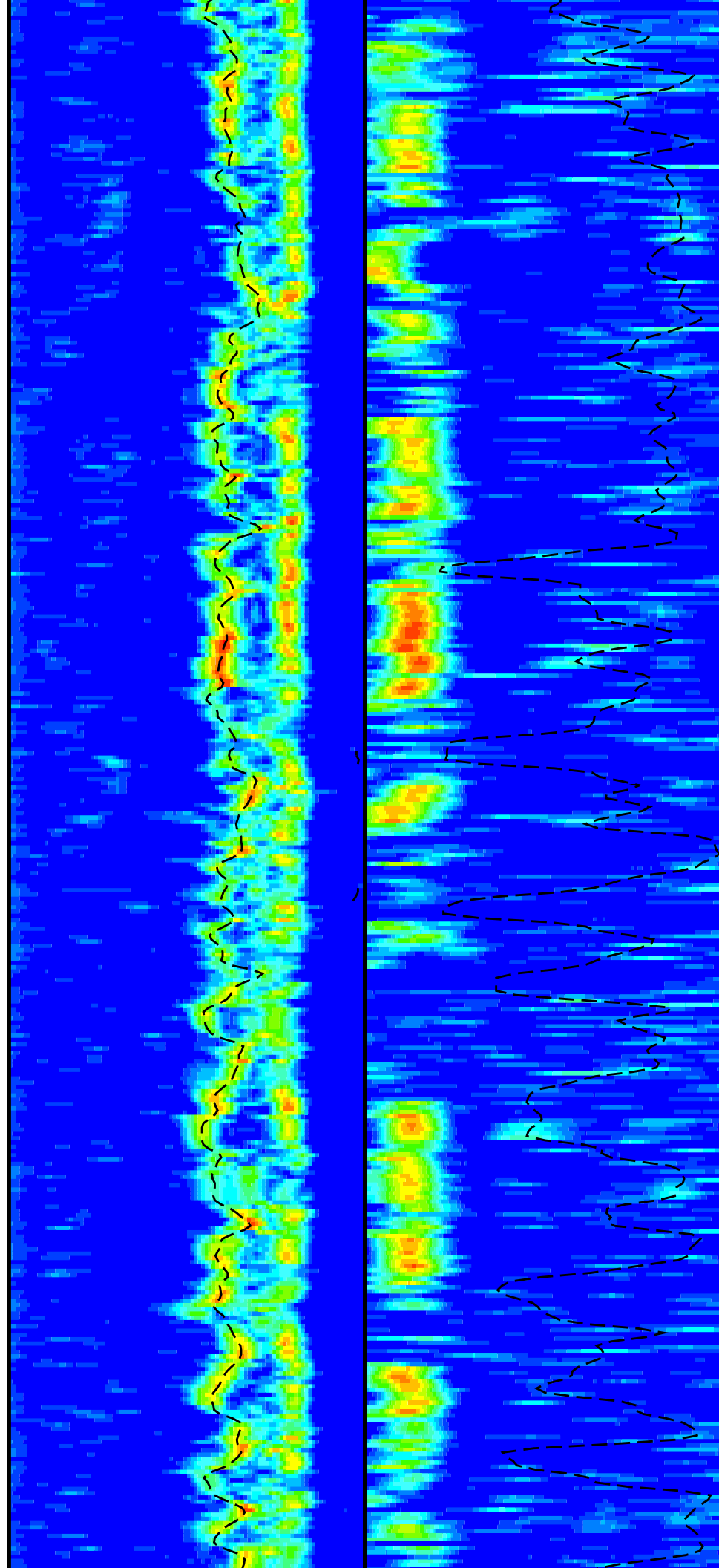
325

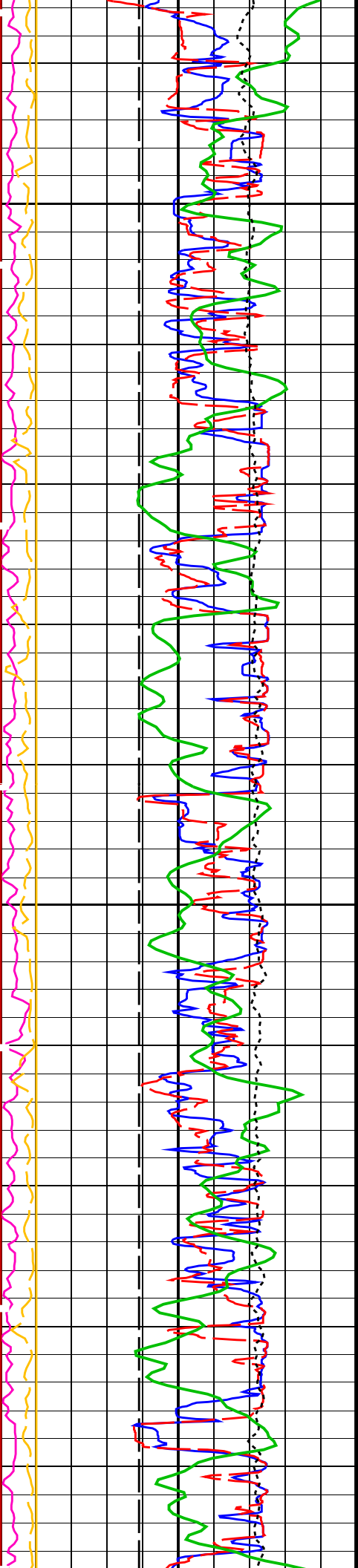




350

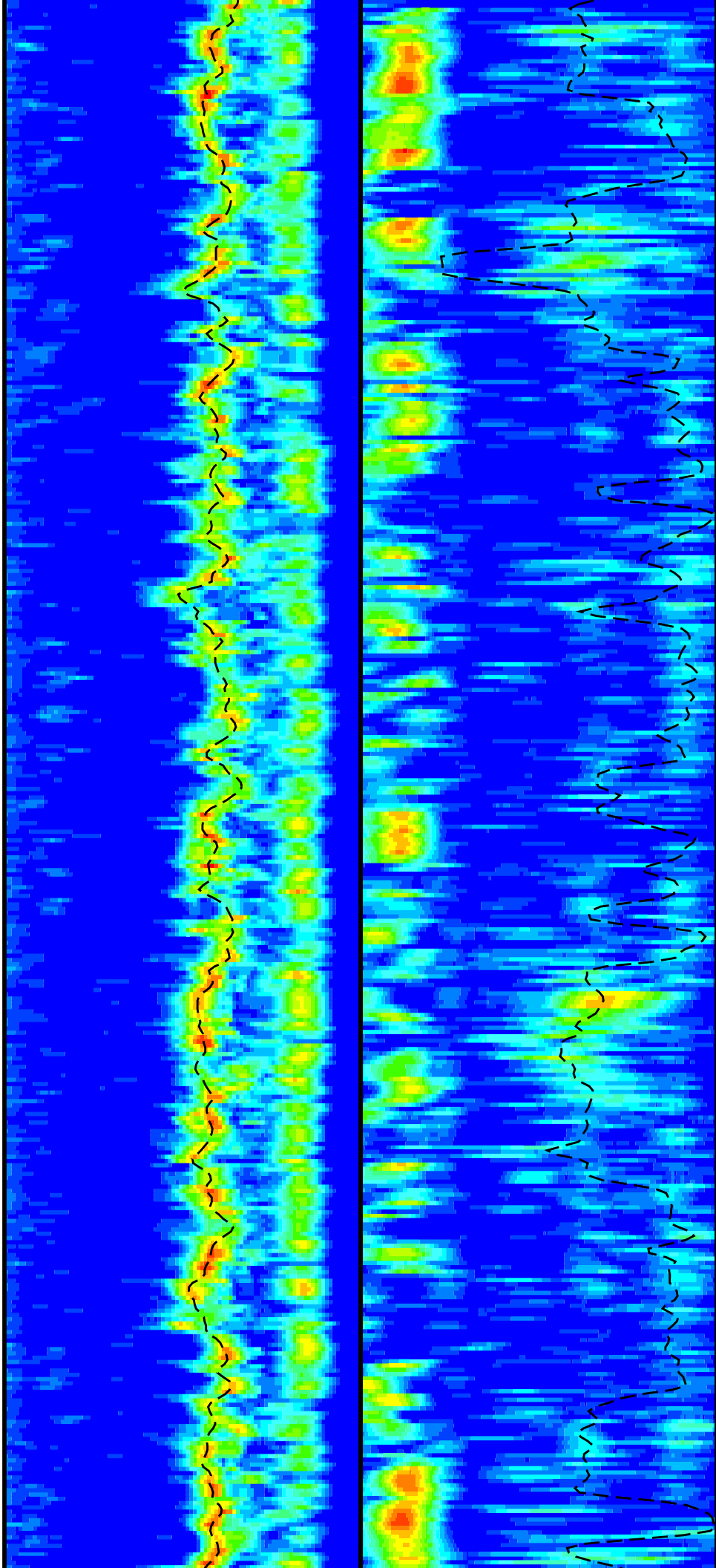
375

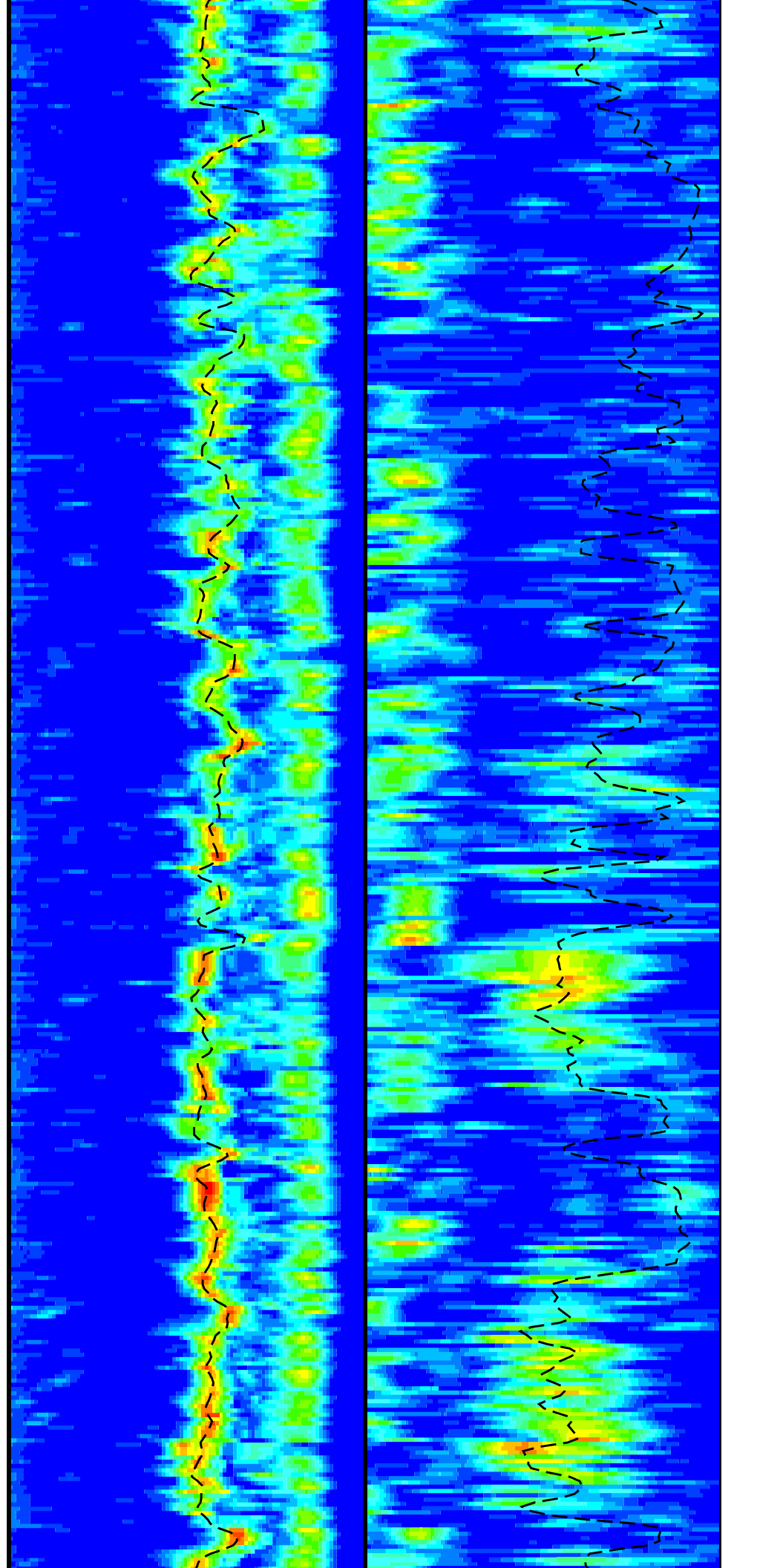
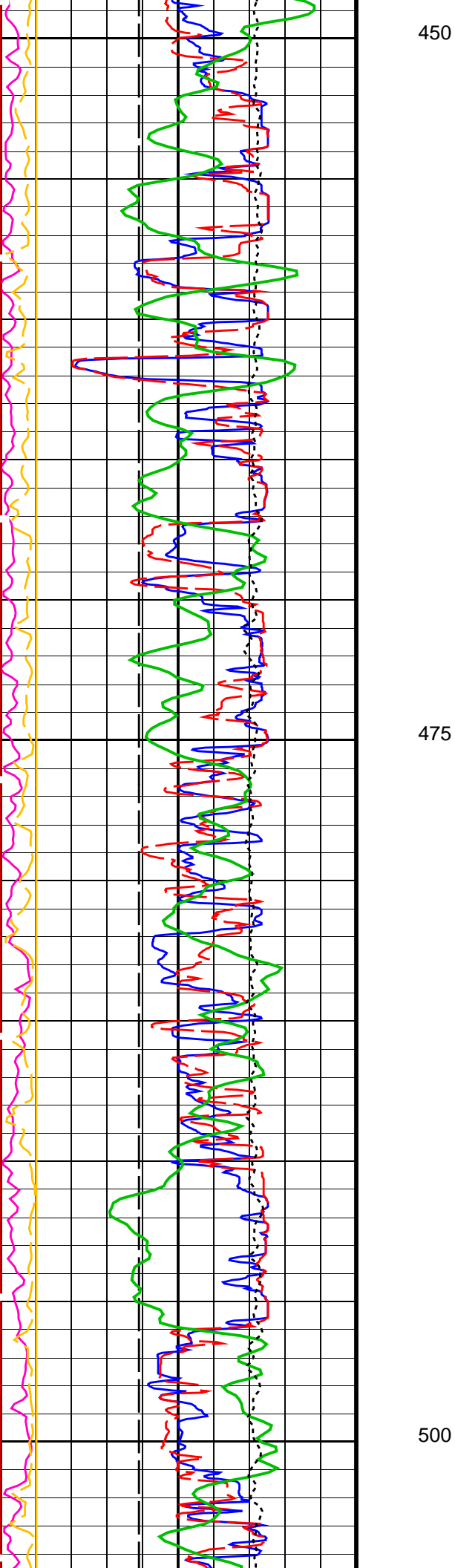


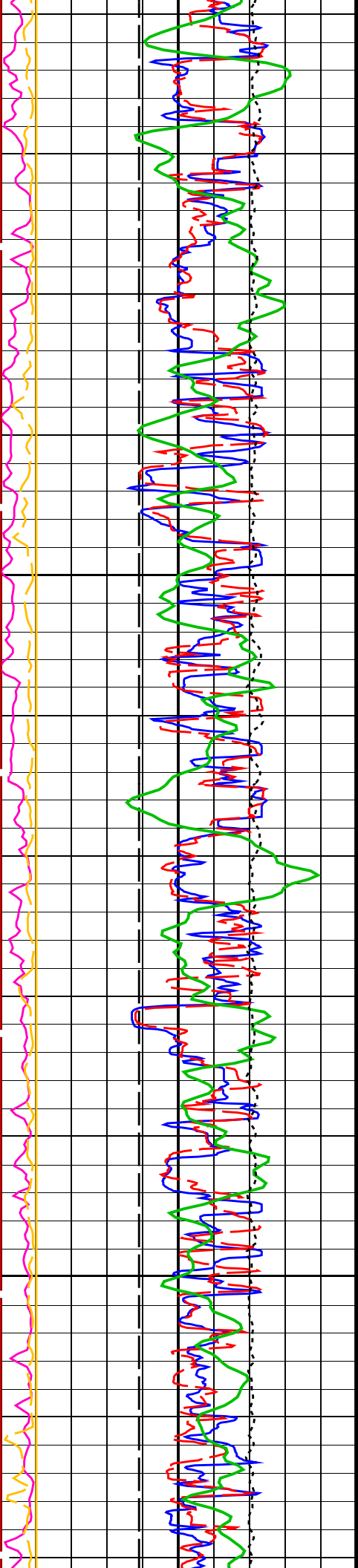


400

425

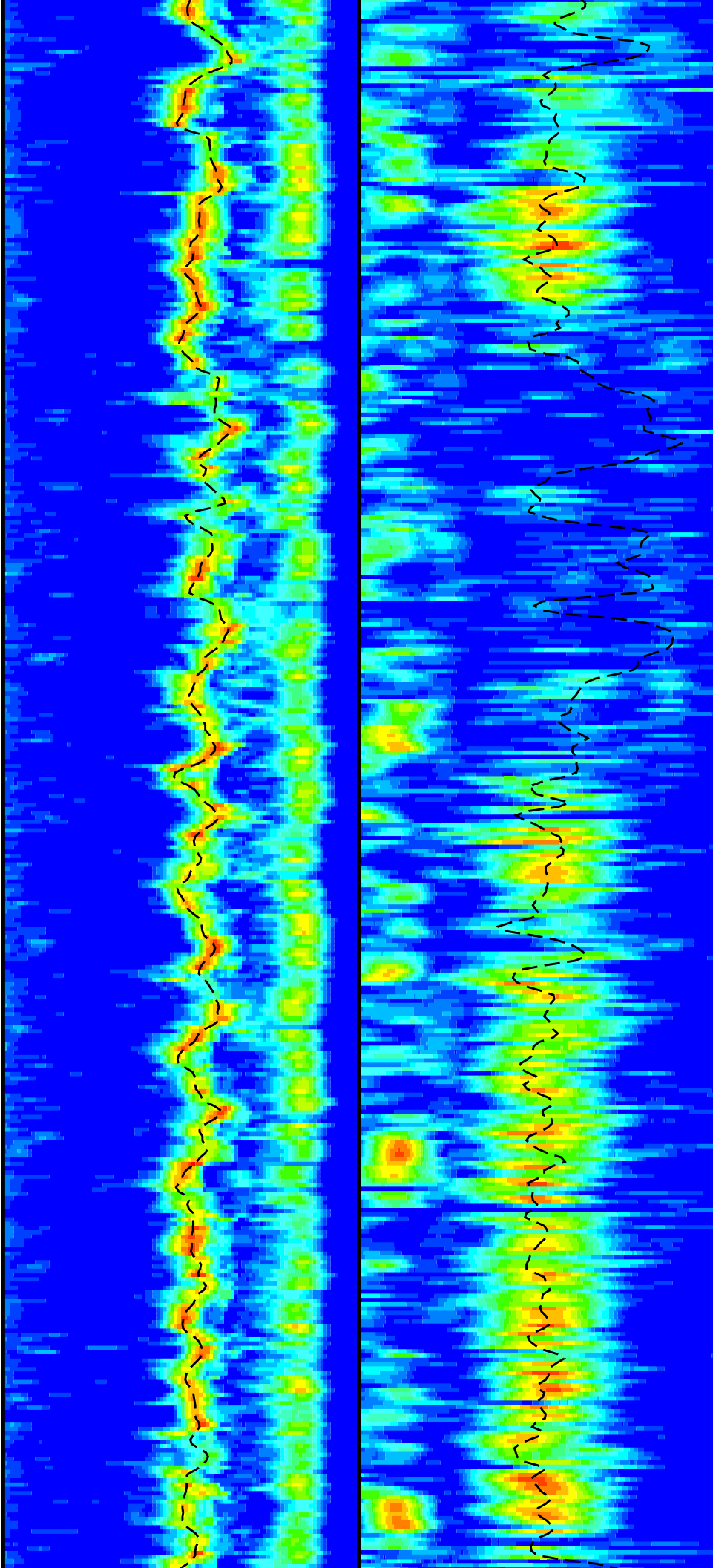


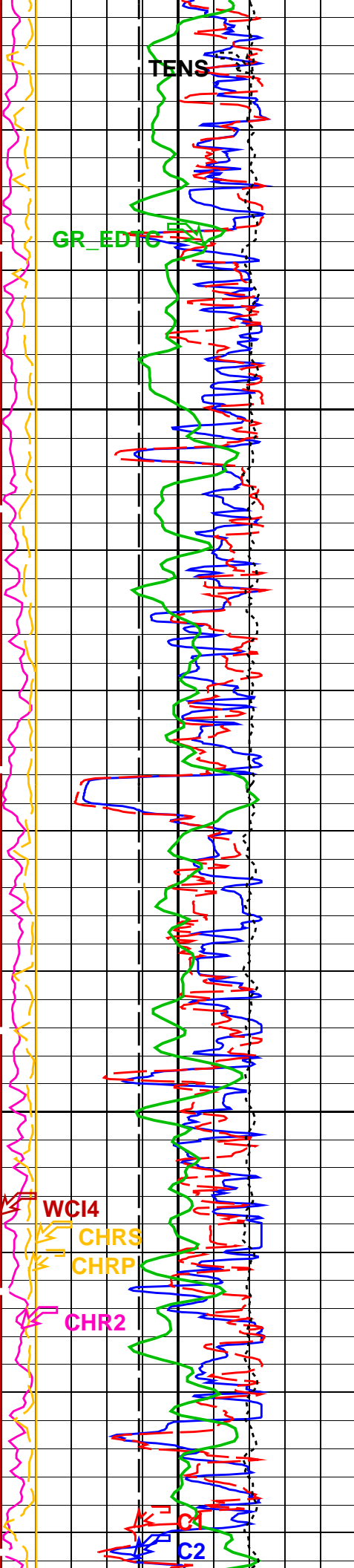




525

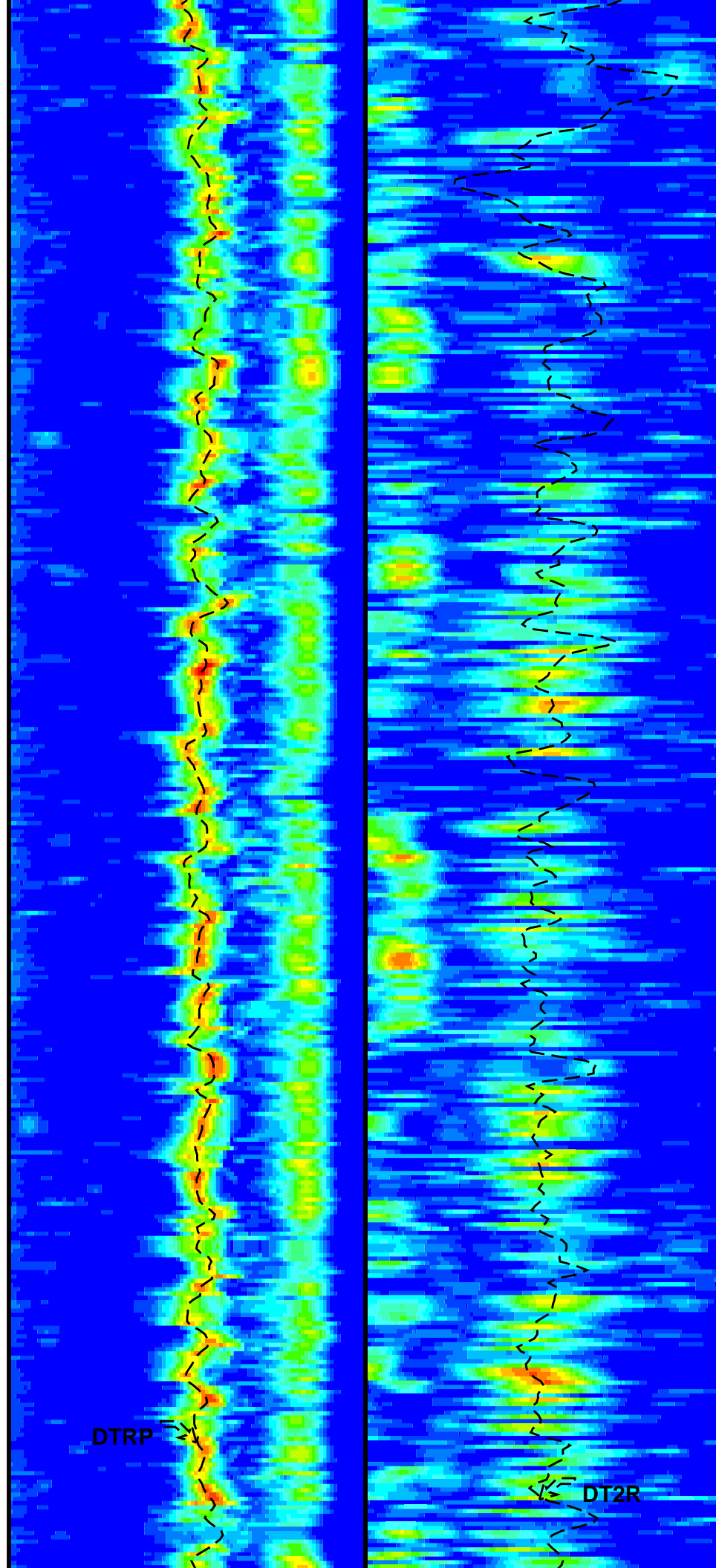
550

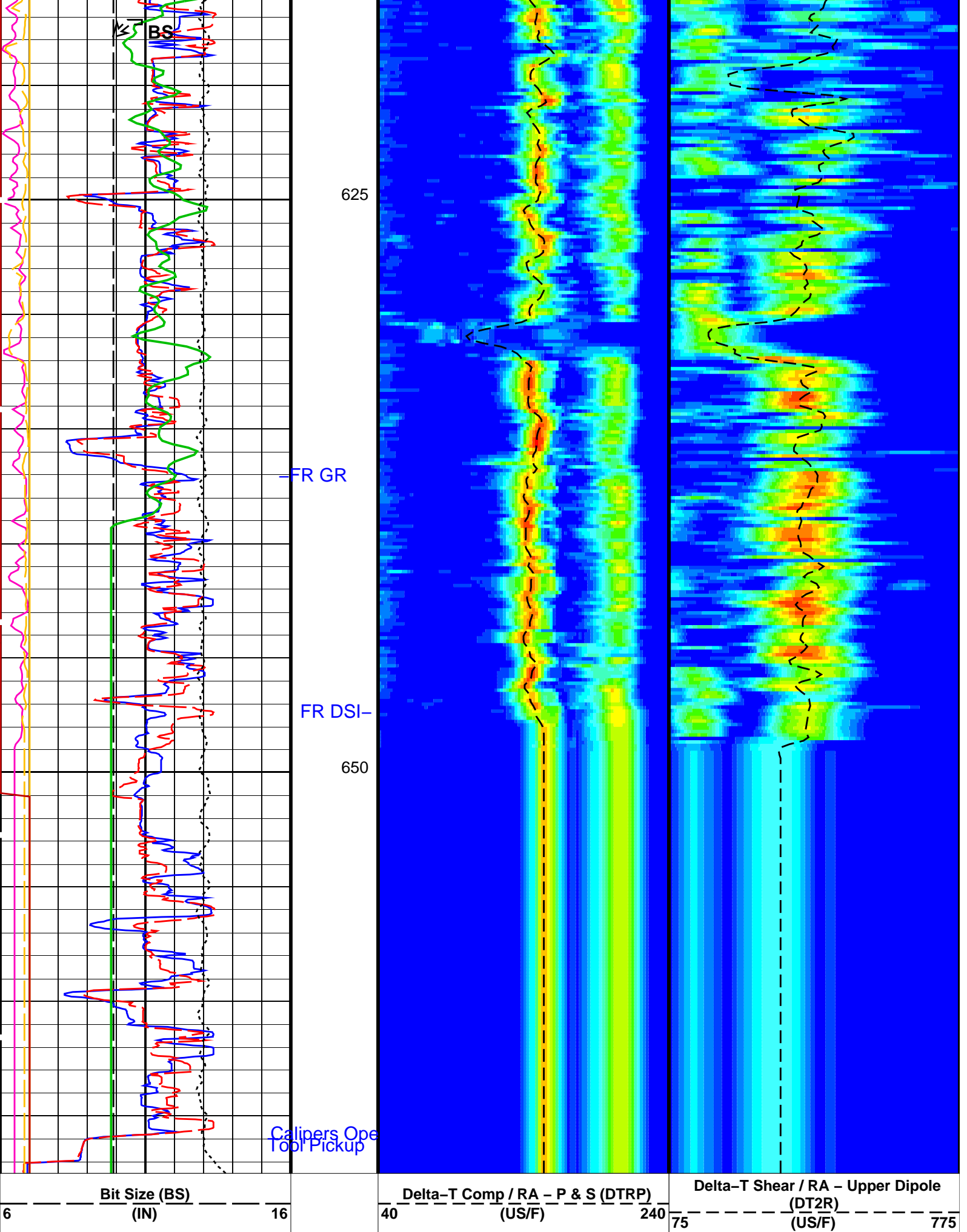




575

600





Caliper 2 (C2) 0 (IN) 20	Delta-T Shear / RA - P & S (DTRS) 40 (US/F) 240	Rec.Array U.Dipole Slow Proj. CVDL (SPR2) 75 (US/F) 775
Caliper 1 (C1) 0 (IN) 20	Min Amplitude Max Rec.Array P&S Slow Proj. CVDL (SPR4) 40 (US/F) 240	
Tension (TENS) 10000 (LBF) 0	1st Pass, Sea Floor Depth Reference	
Gamma Ray (GR_EDTC) 0 (GAPI) 75	Standard frequency upper dipole	
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		

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	100	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	9.875	IN
DO	Depth Offset for Playback	–1085.0	M
PP	Playback Processing	NORMAL	

Format: DSST_P_S_UPPER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 15–Jan–2012 16:38

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_029LUP	FN:40	PRODUCER	15–Jan–2012 14:18	1752.6 M	1073.5 M
---------	----------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_031PUP	FN:44	PRODUCER	15–Jan–2012 16:38
BACKUPDLIS	FMS_DSI_031PUP	FN:45	PRODUCER	15–Jan–2012 16:38

Company: Lamont Doherty Well: Expedition 339, Site U1391 WI–01B

Input DLIS Files

DEFAULT	FMS_DSI_029LUP	FN:40	PRODUCER	15–Jan–2012 14:18	1752.6 M	1073.5 M
---------	----------------	-------	----------	-------------------	----------	----------

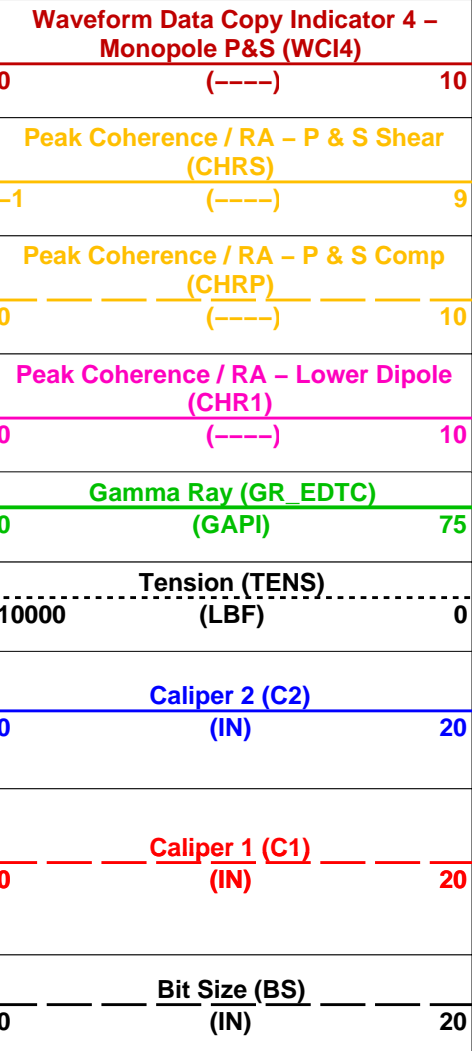
Output DLIS Files

DEFAULT	FMS_DSI_031PUP	FN:44	PRODUCER	15–Jan–2012 16:38	667.5 M	–11.4 M
BACKUPDLIS	FMS_DSI_031PUP	FN:45	PRODUCER	15–Jan–2012 16:38	667.5 M	–11.4 M

OP System Version: 19C0–187

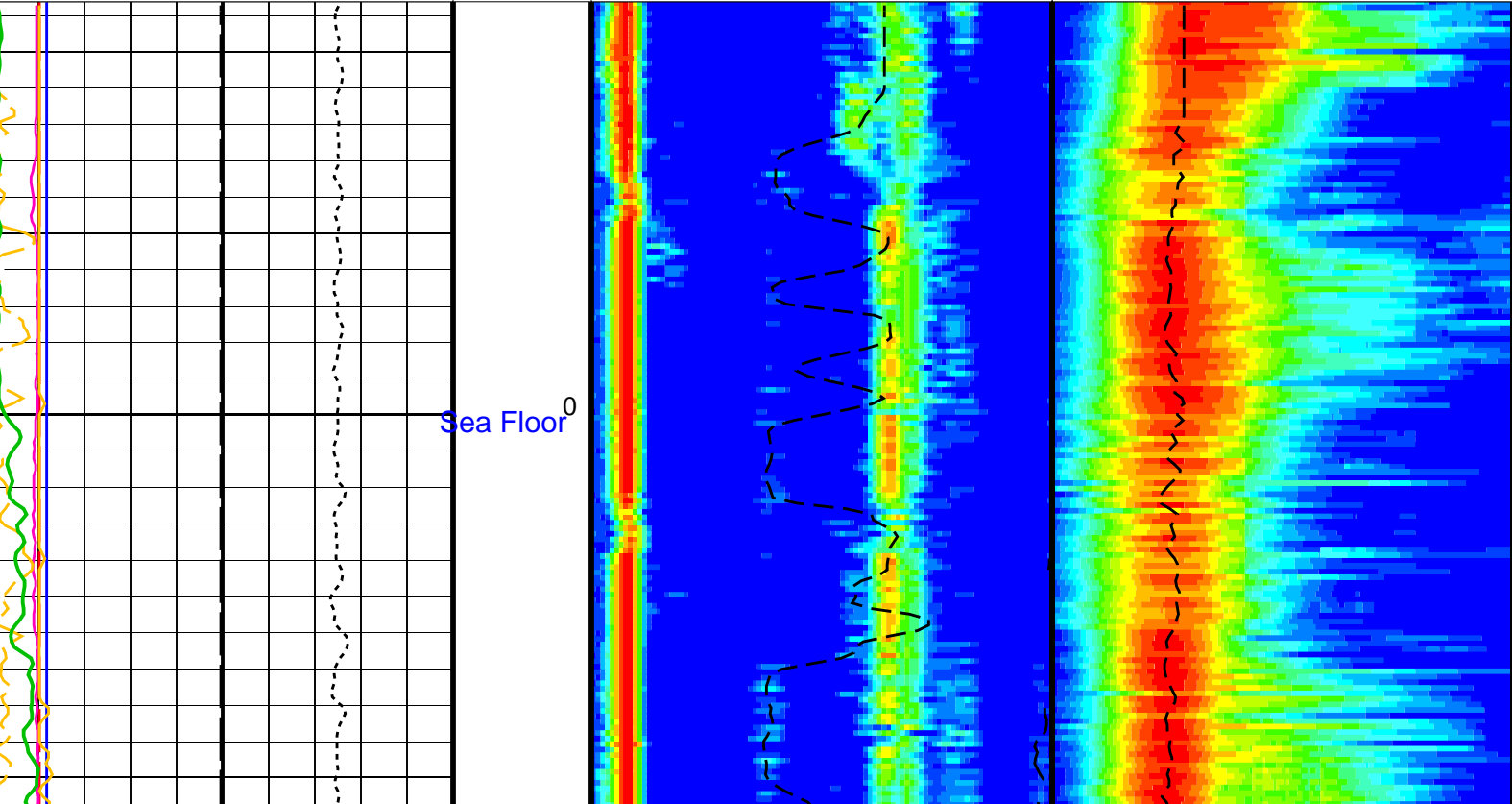
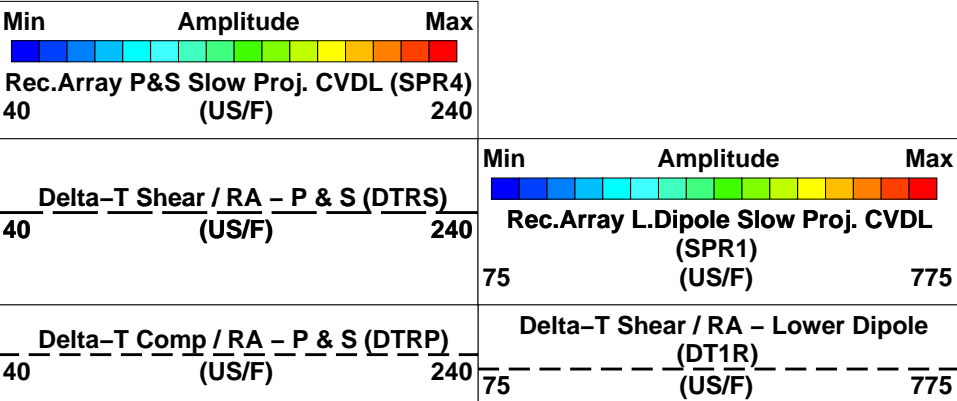
PIP SUMMARY

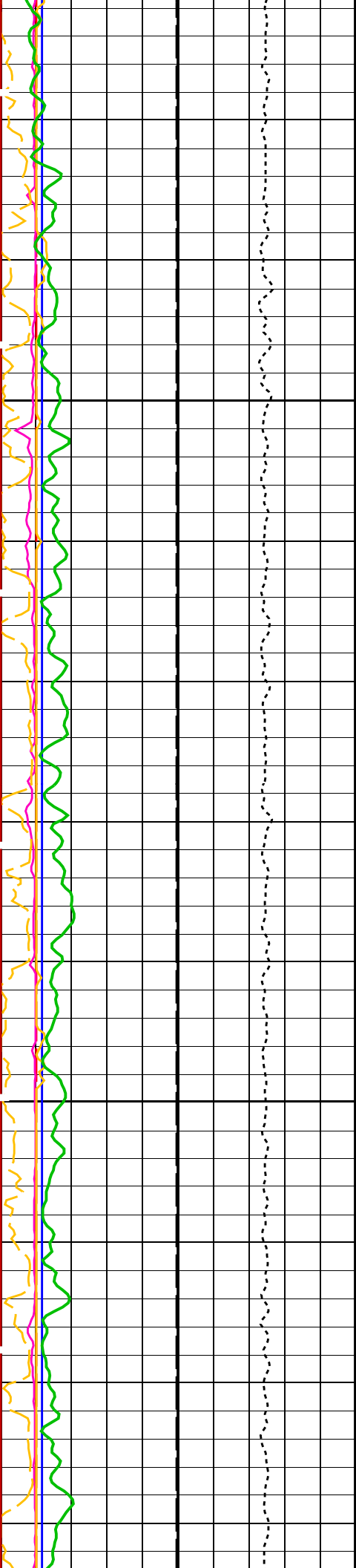
Time Mark Every 60 S



Low frequency lower dipole

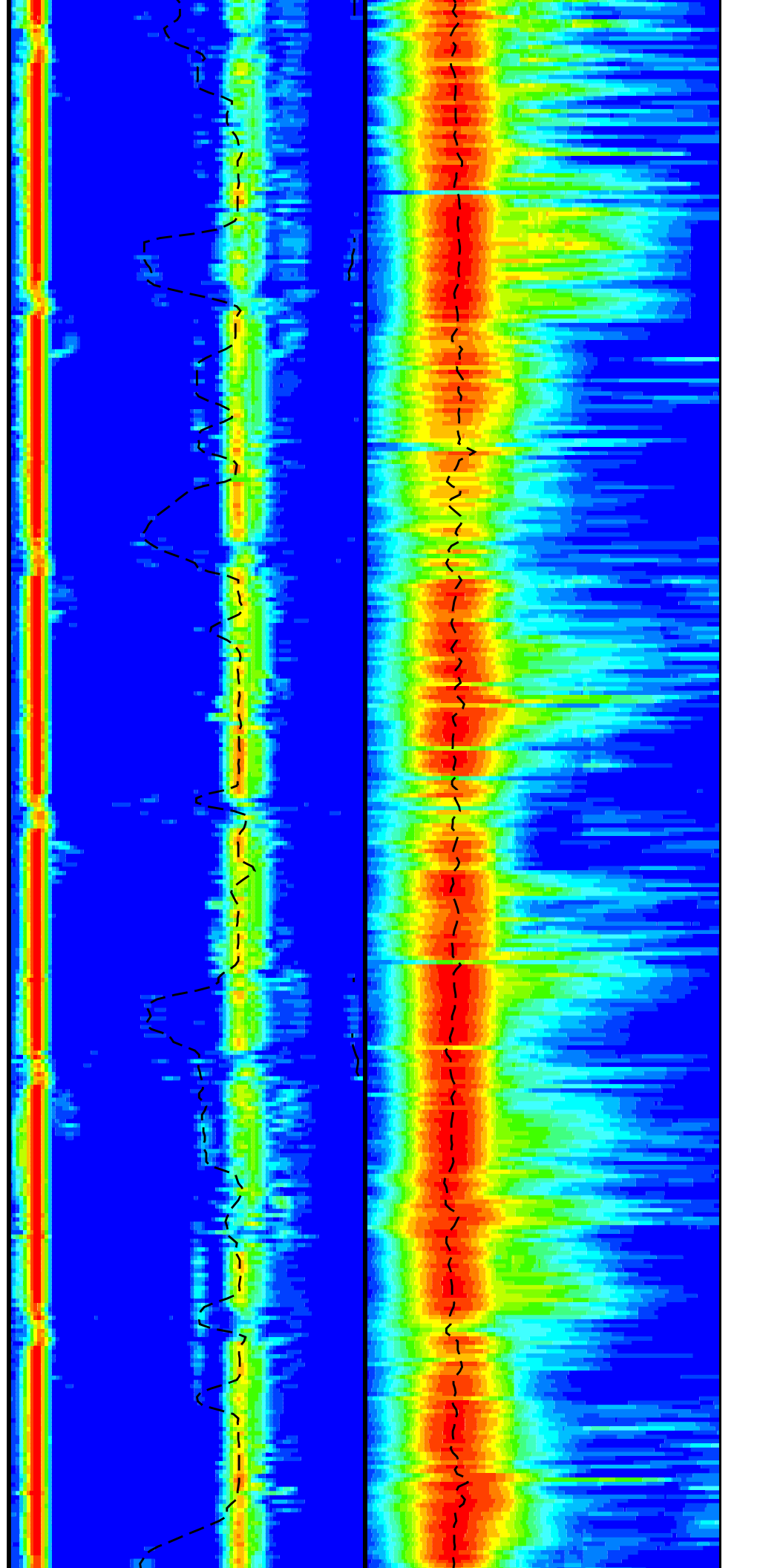
1st Pass, Sea Floor Depth Reference

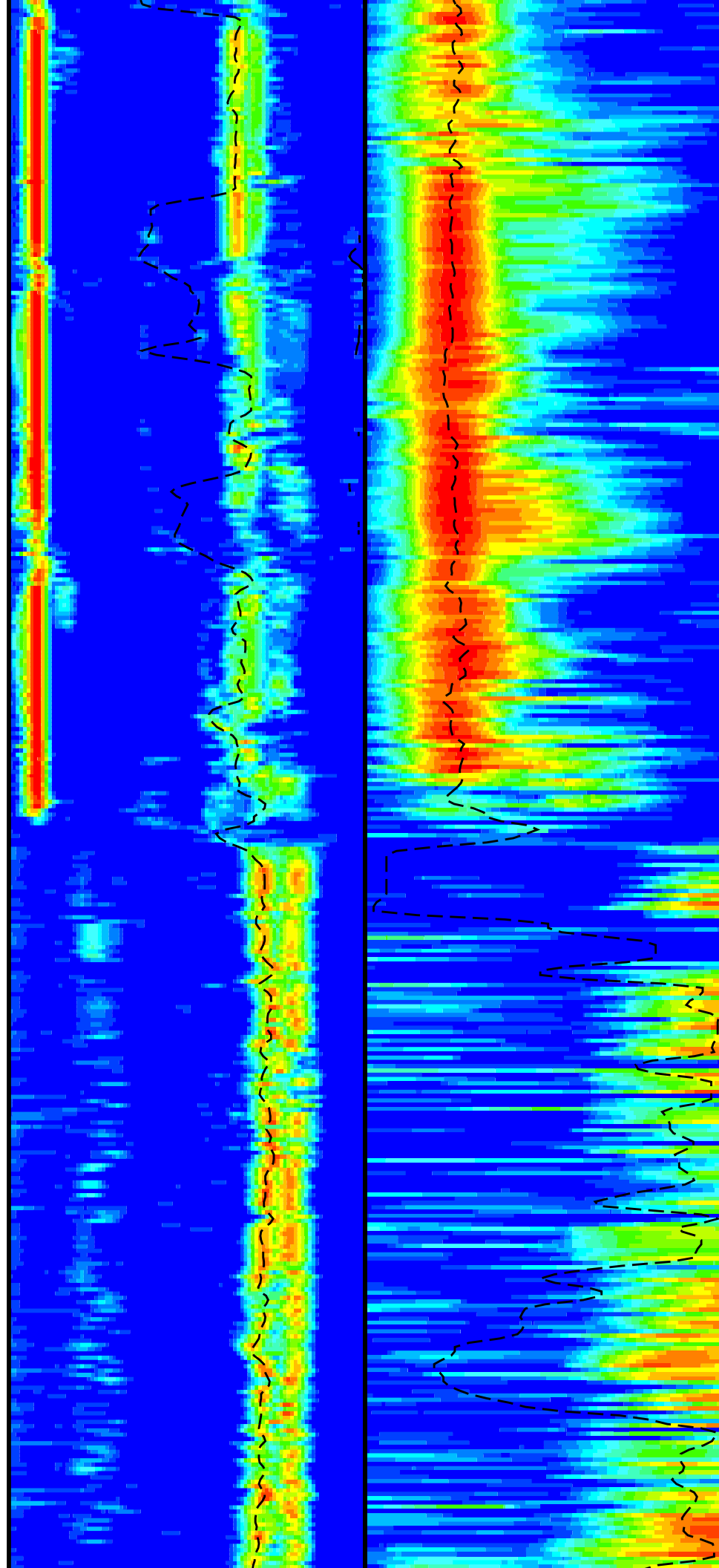
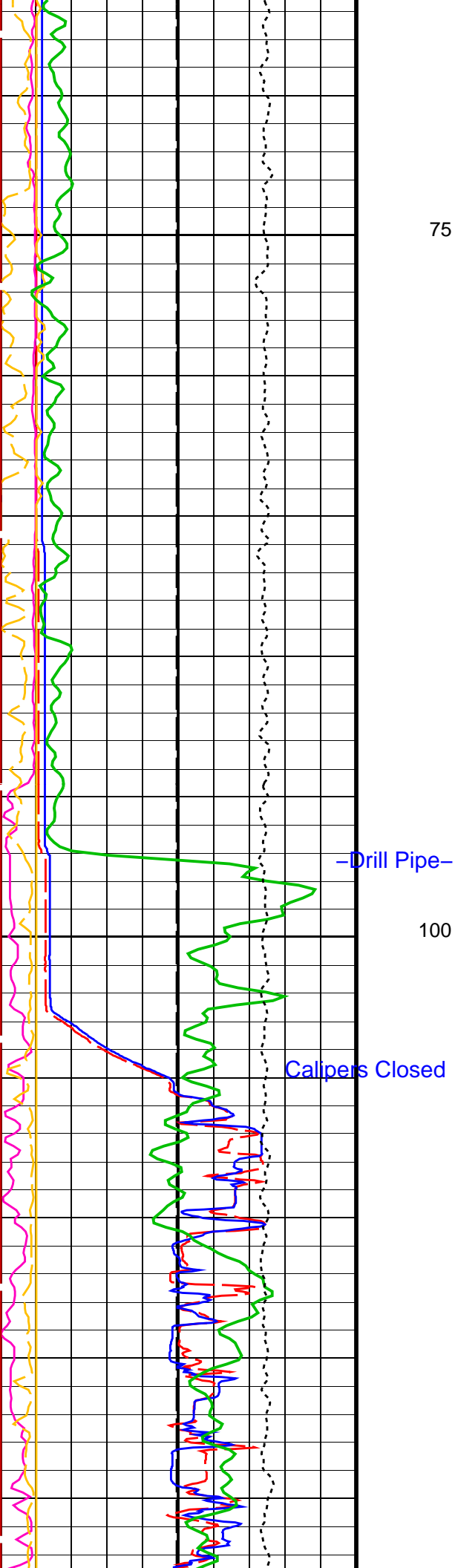


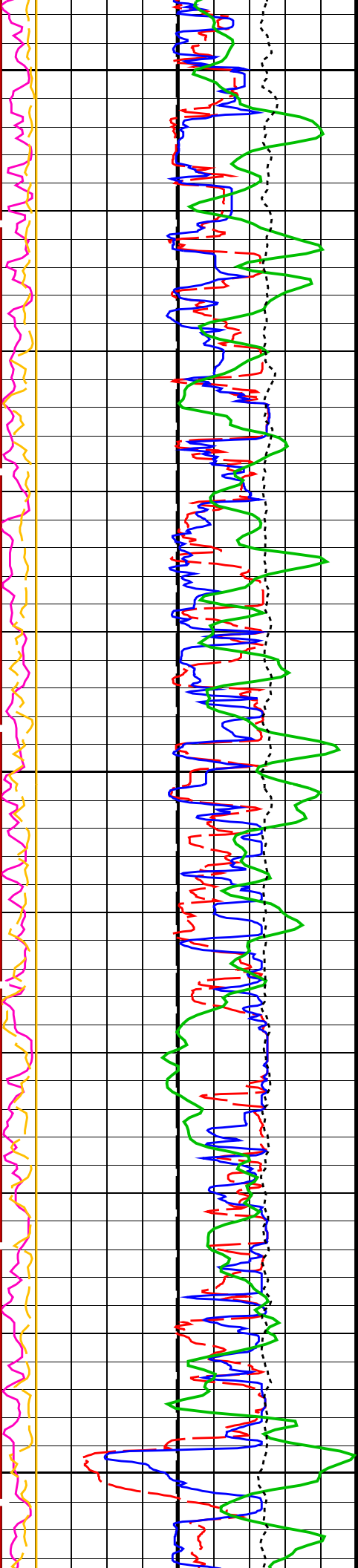


25

50



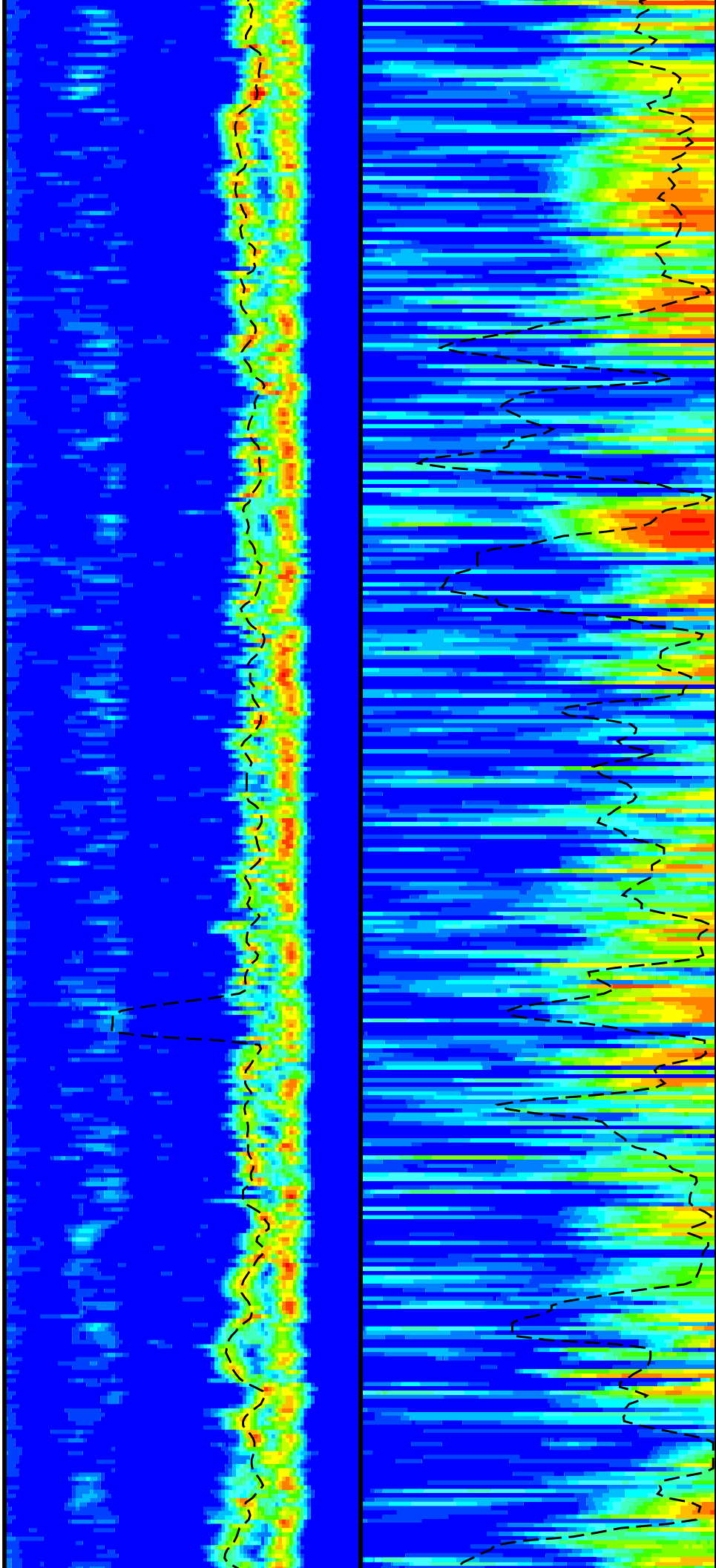


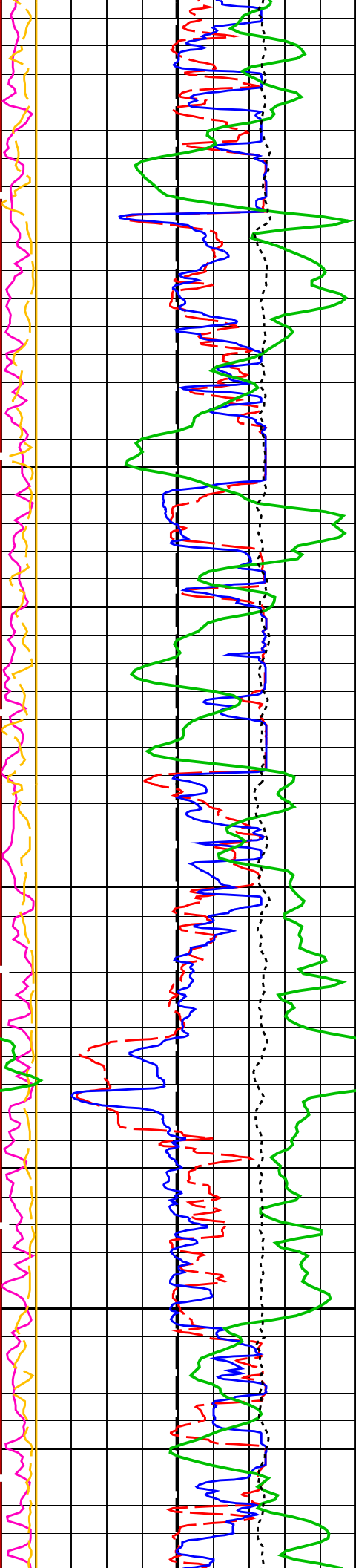


125

150

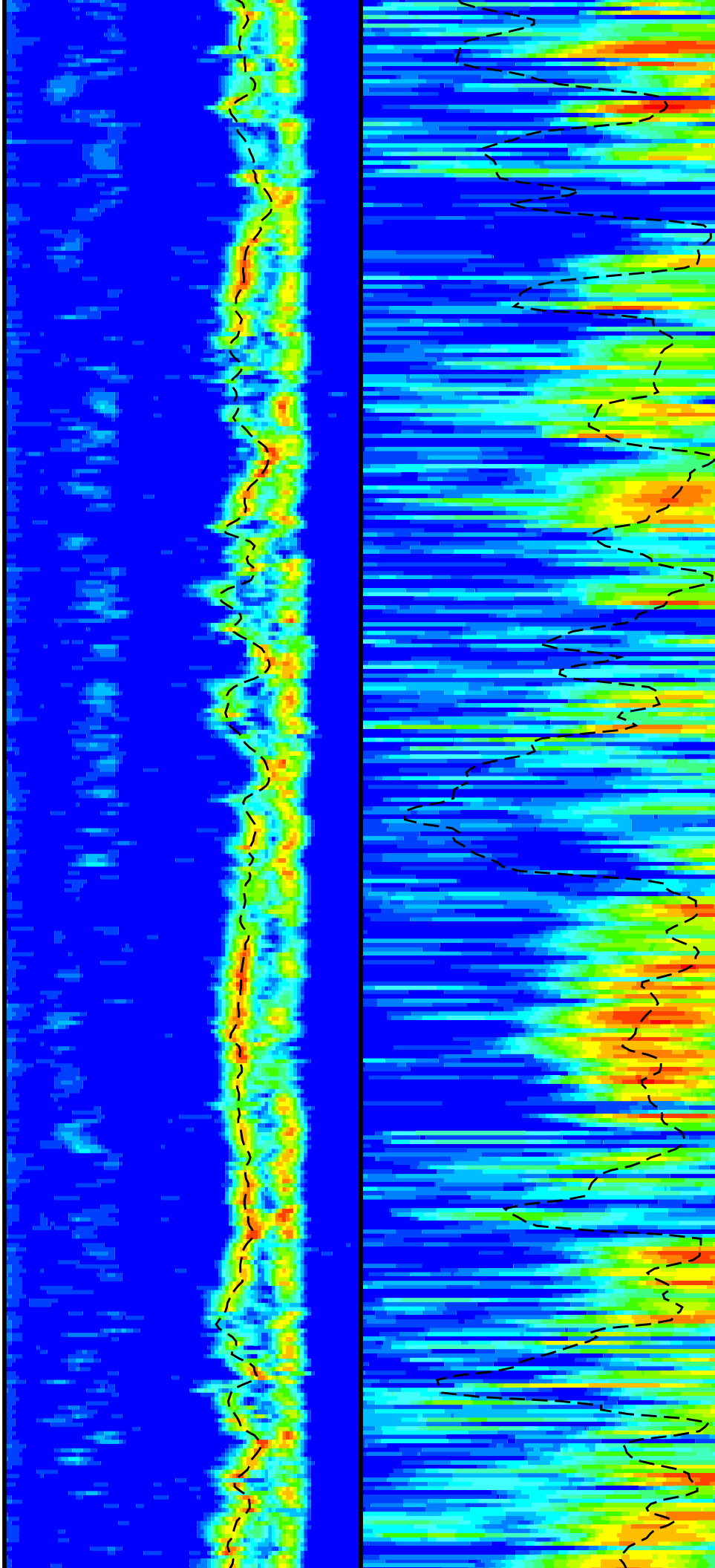
175

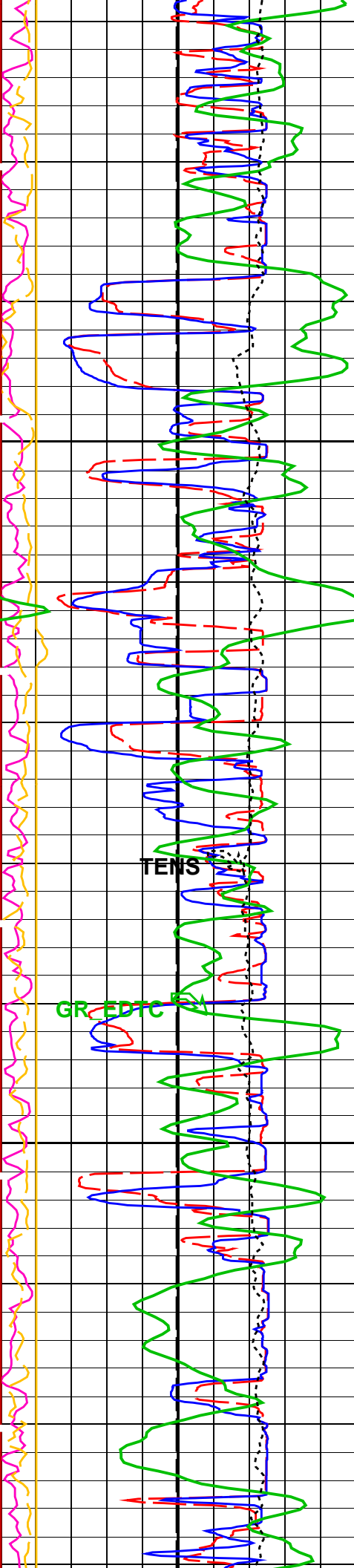




200

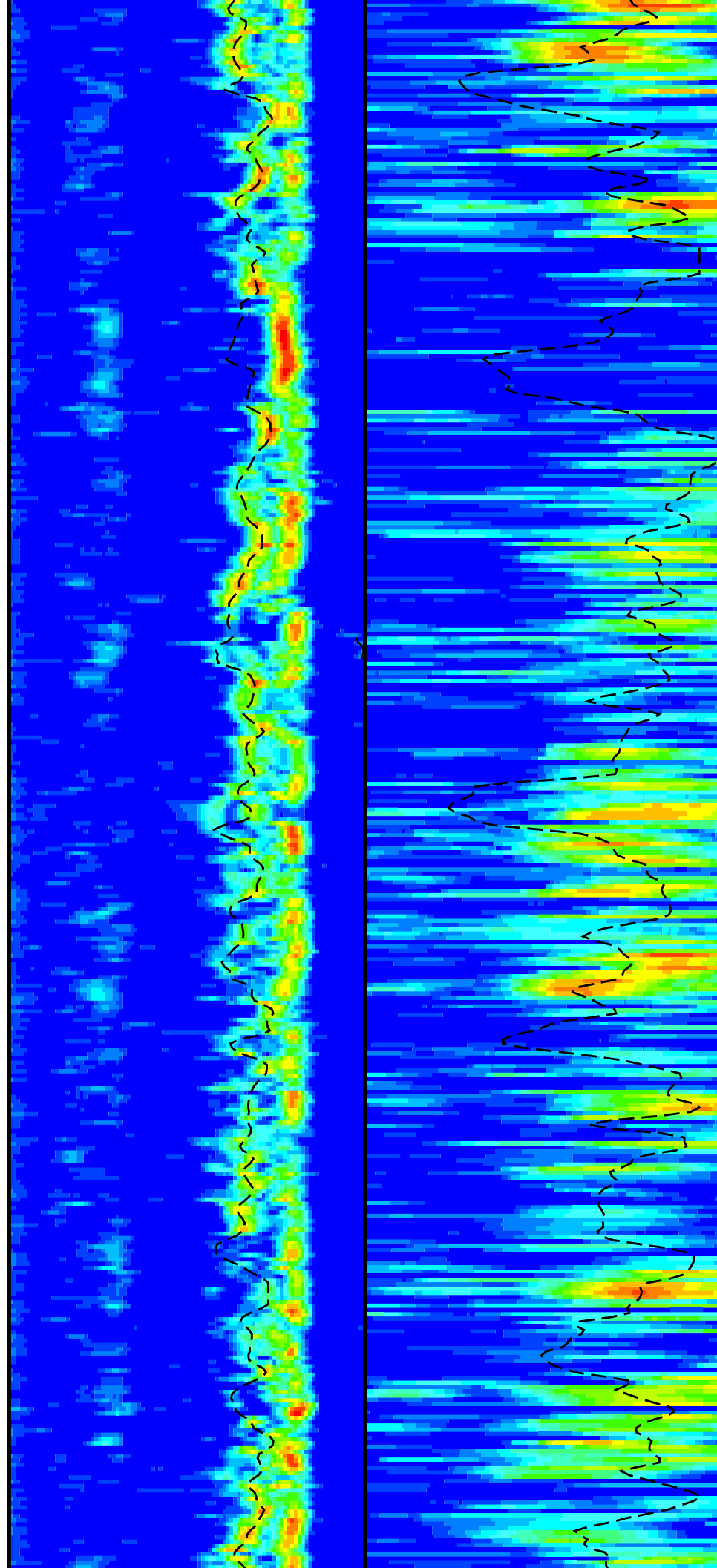
225

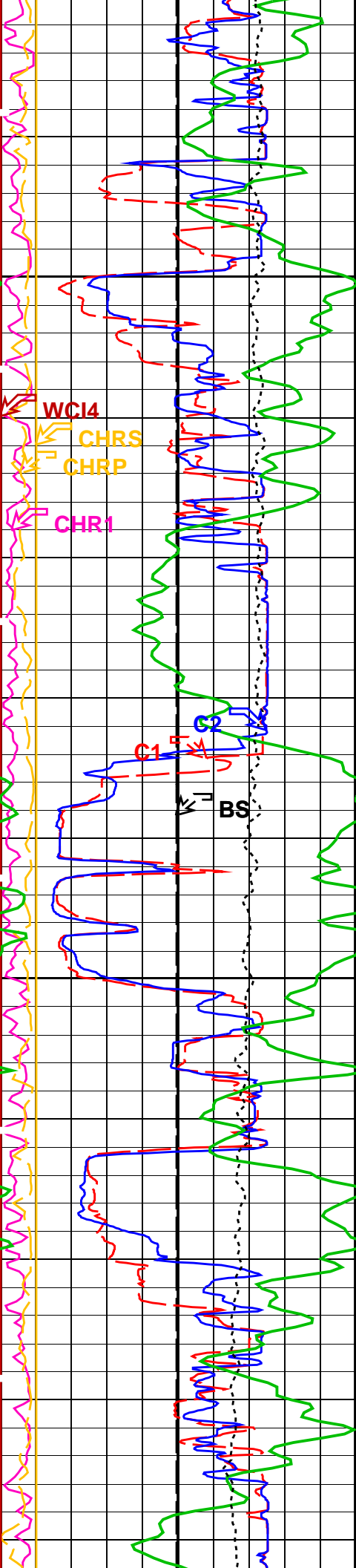




250

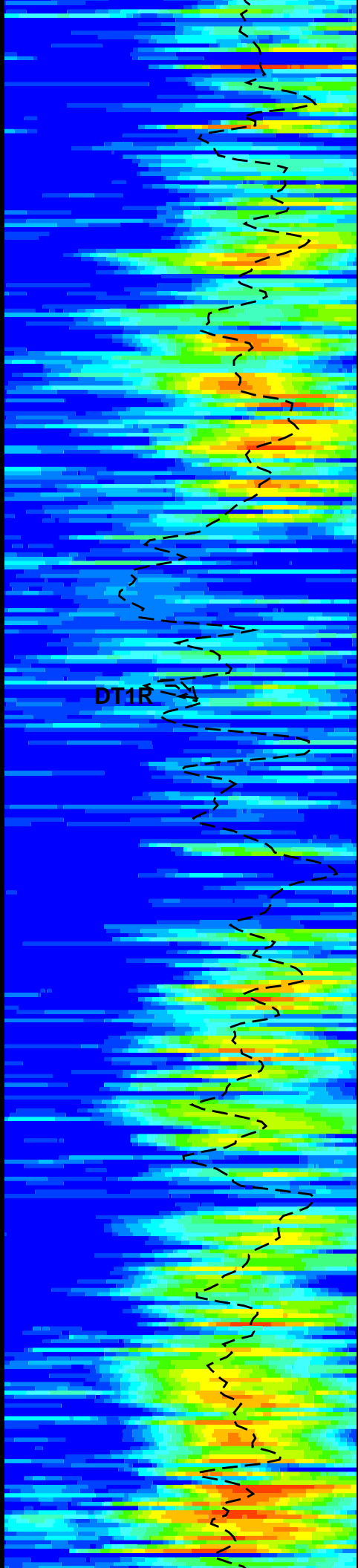
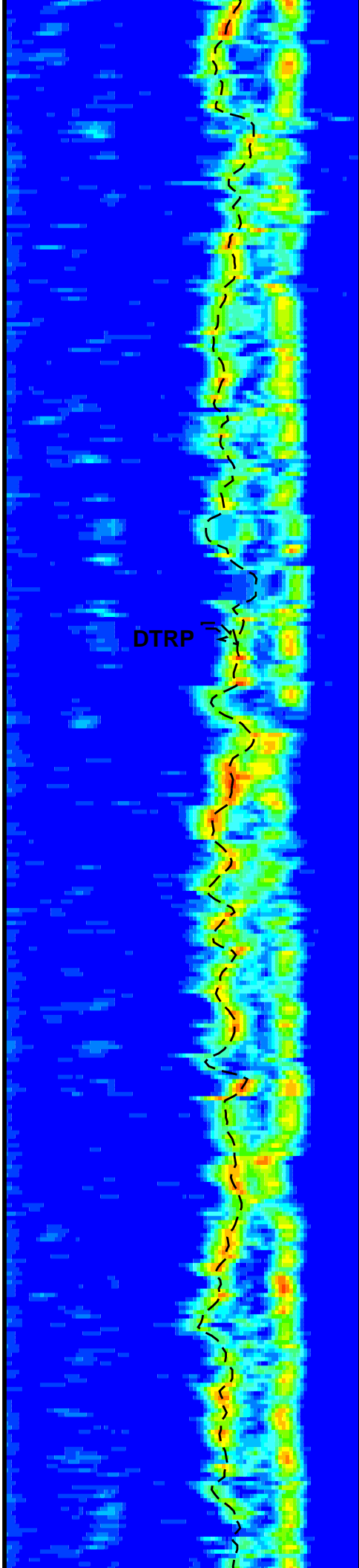
275

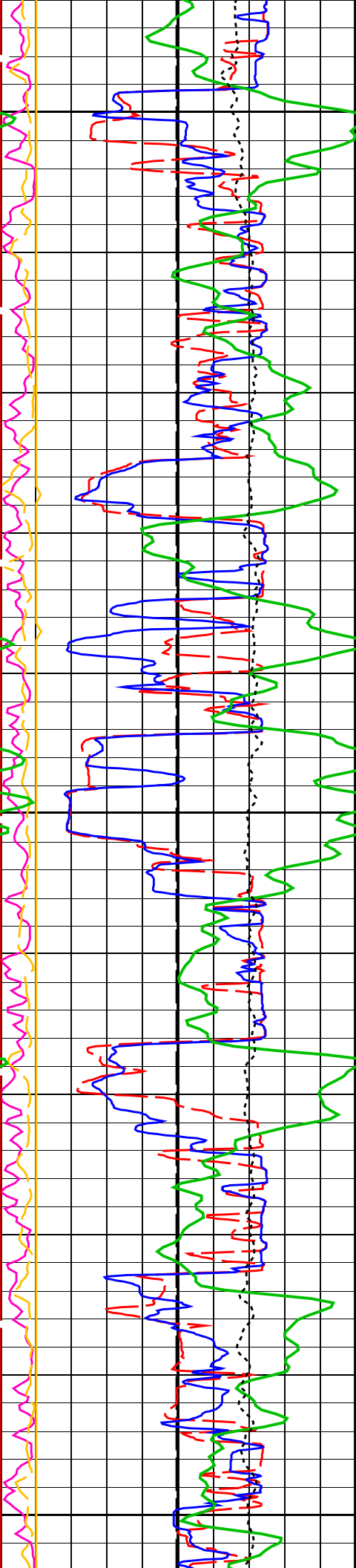




300

325

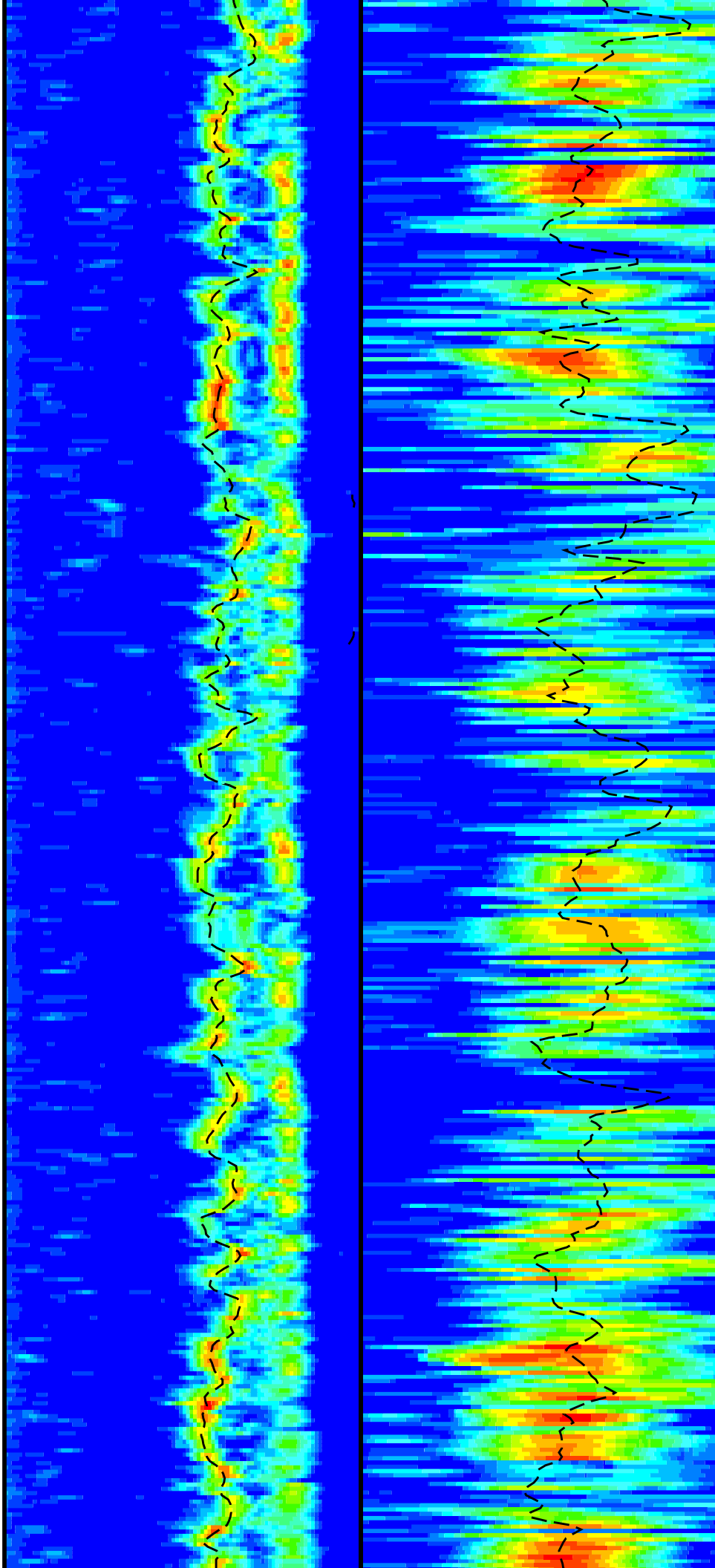


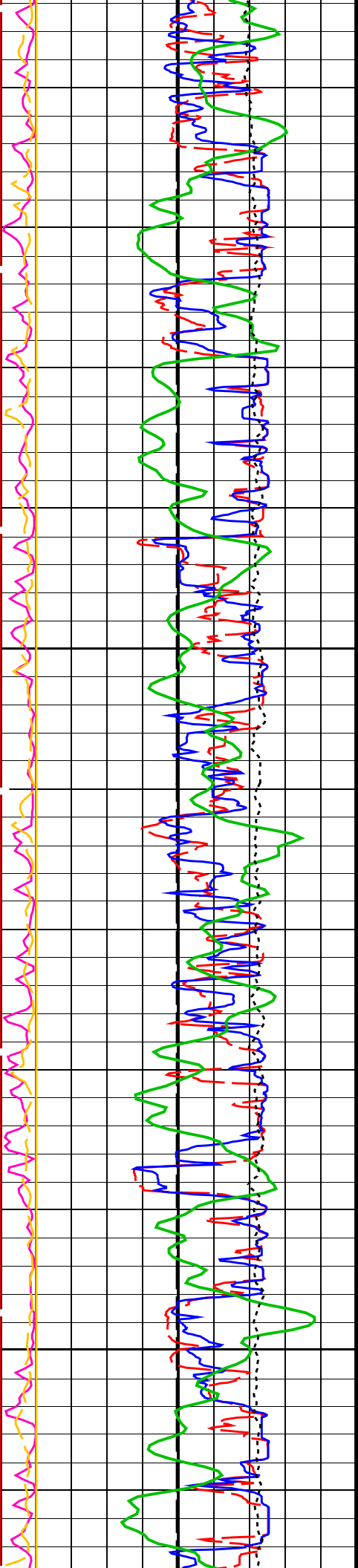


350

375

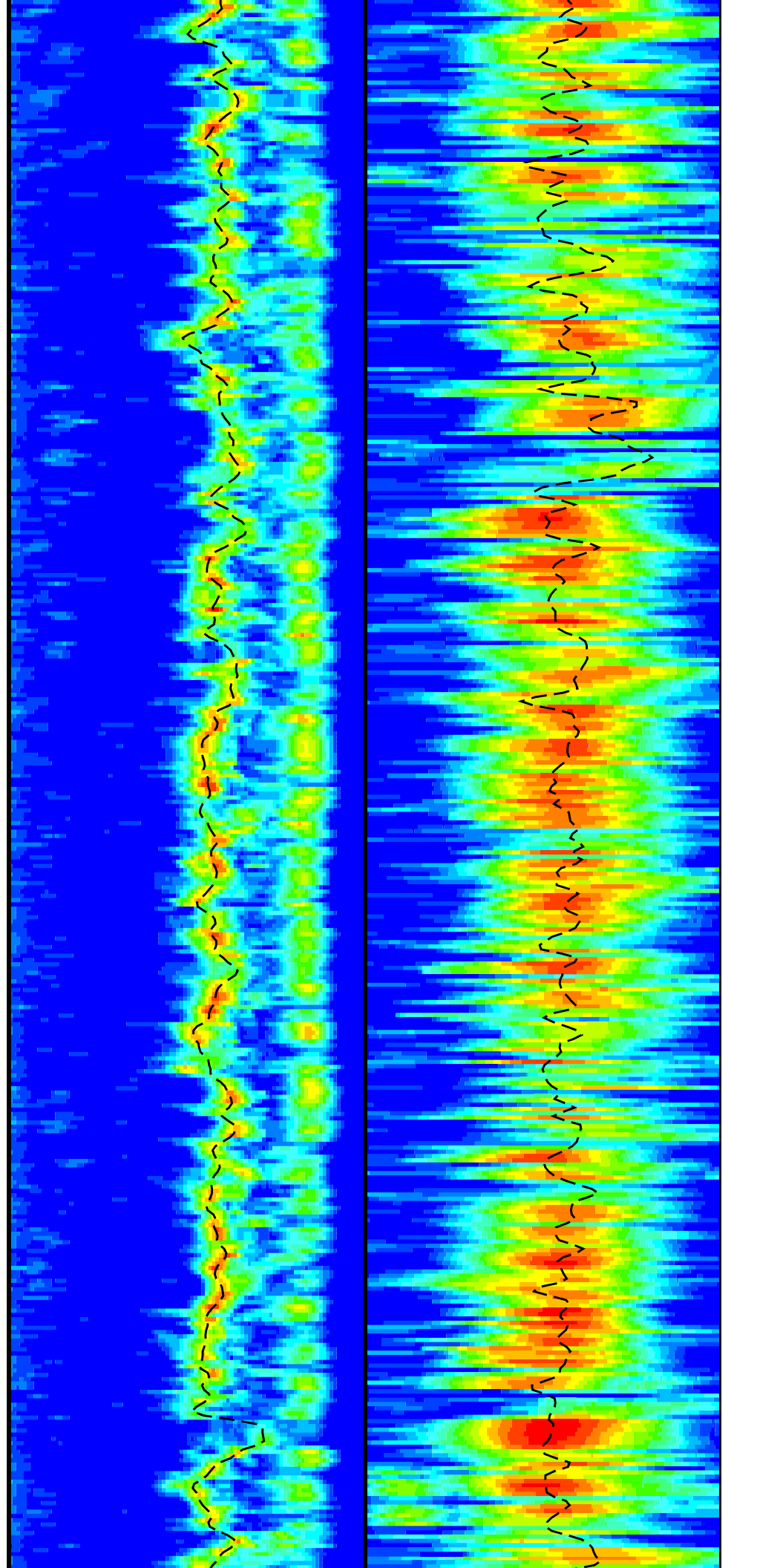
400

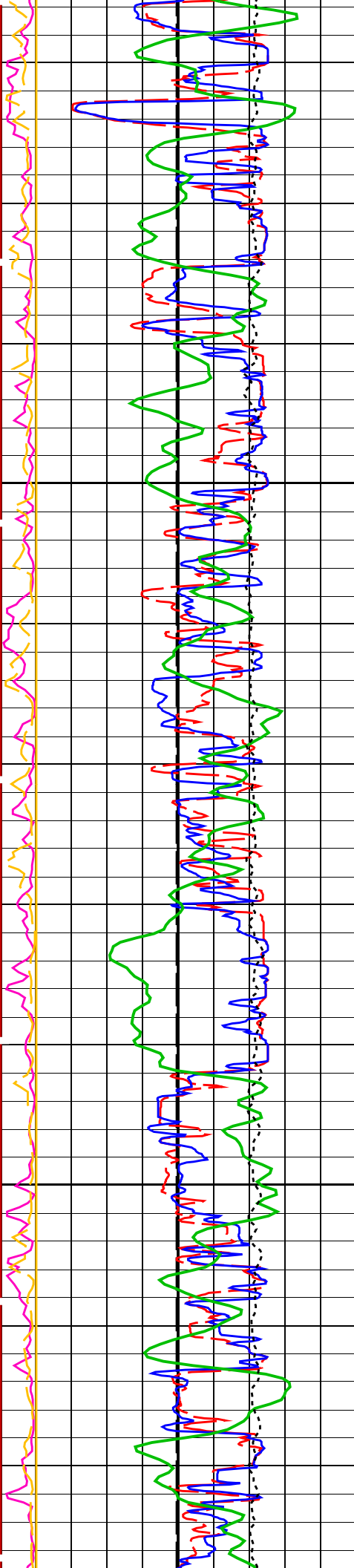




425

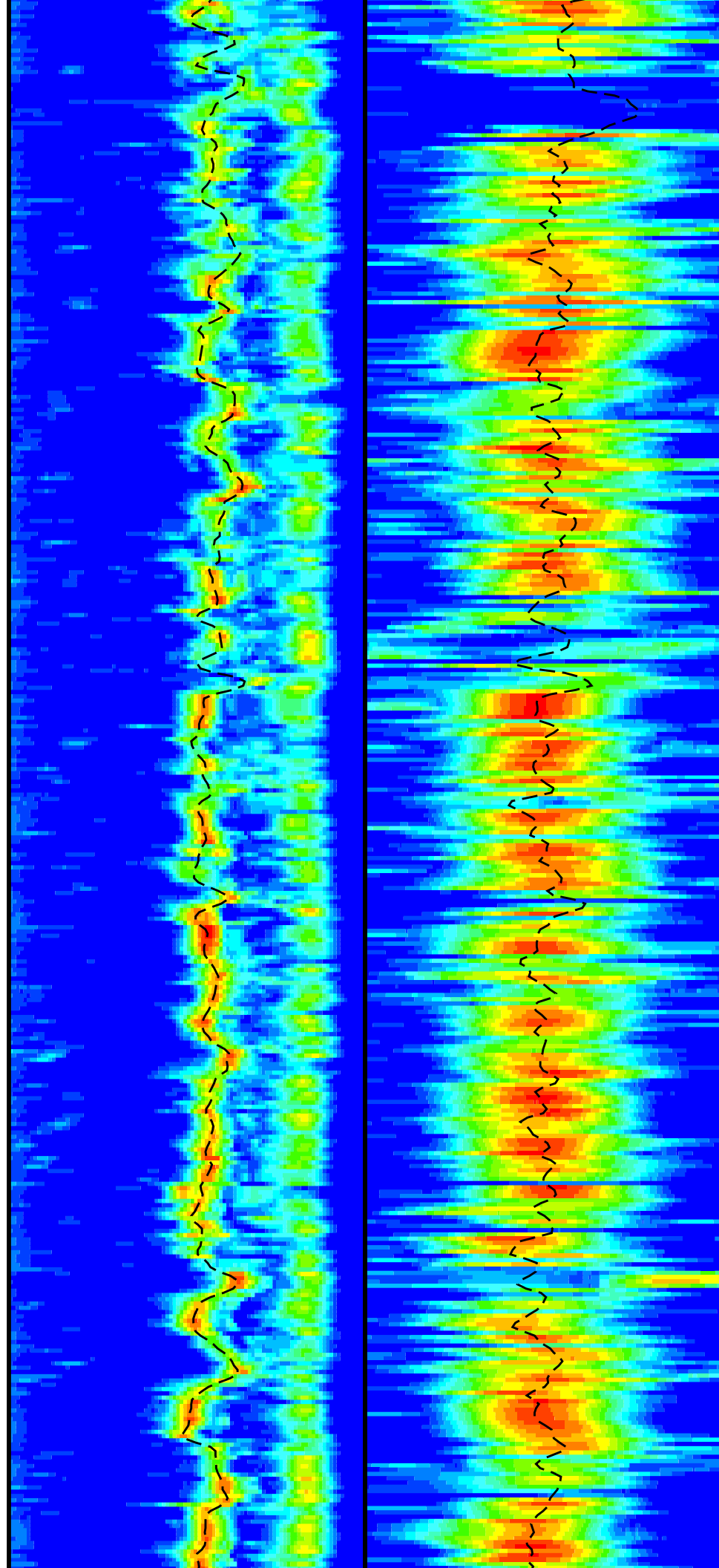
450

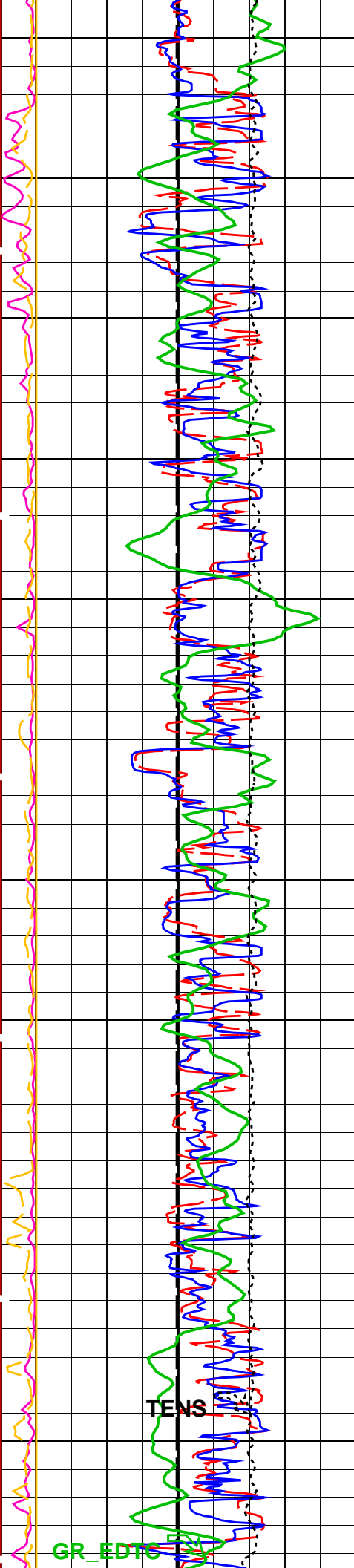




475

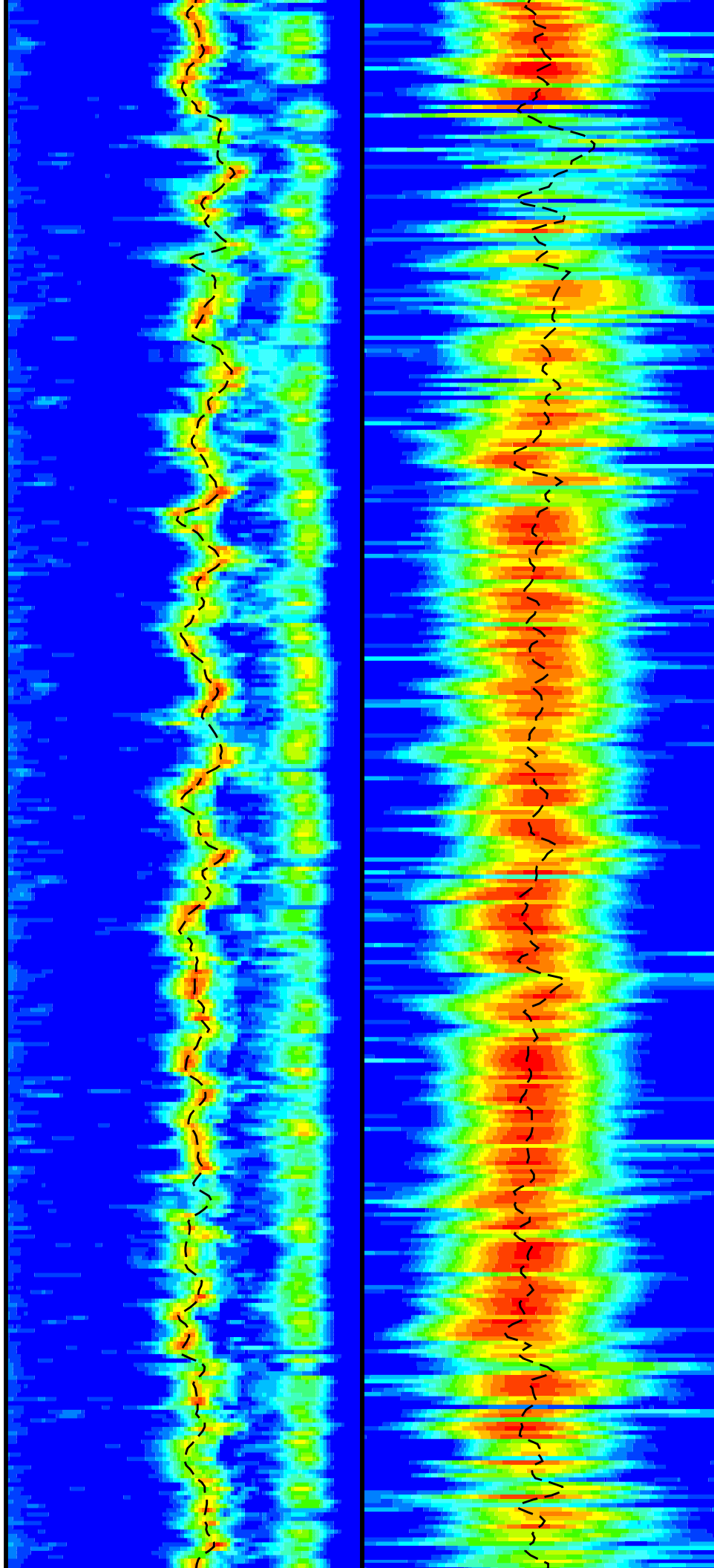
500

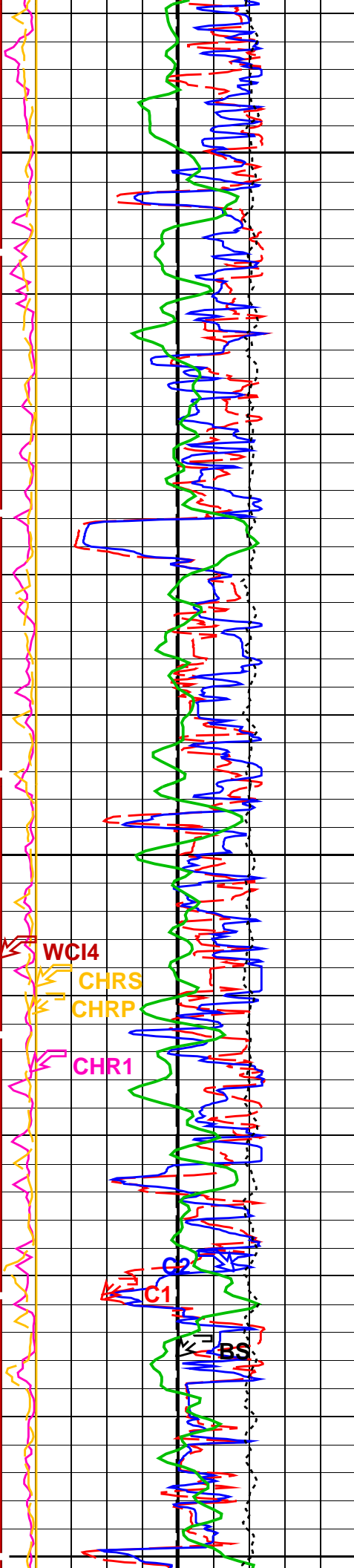




525

550

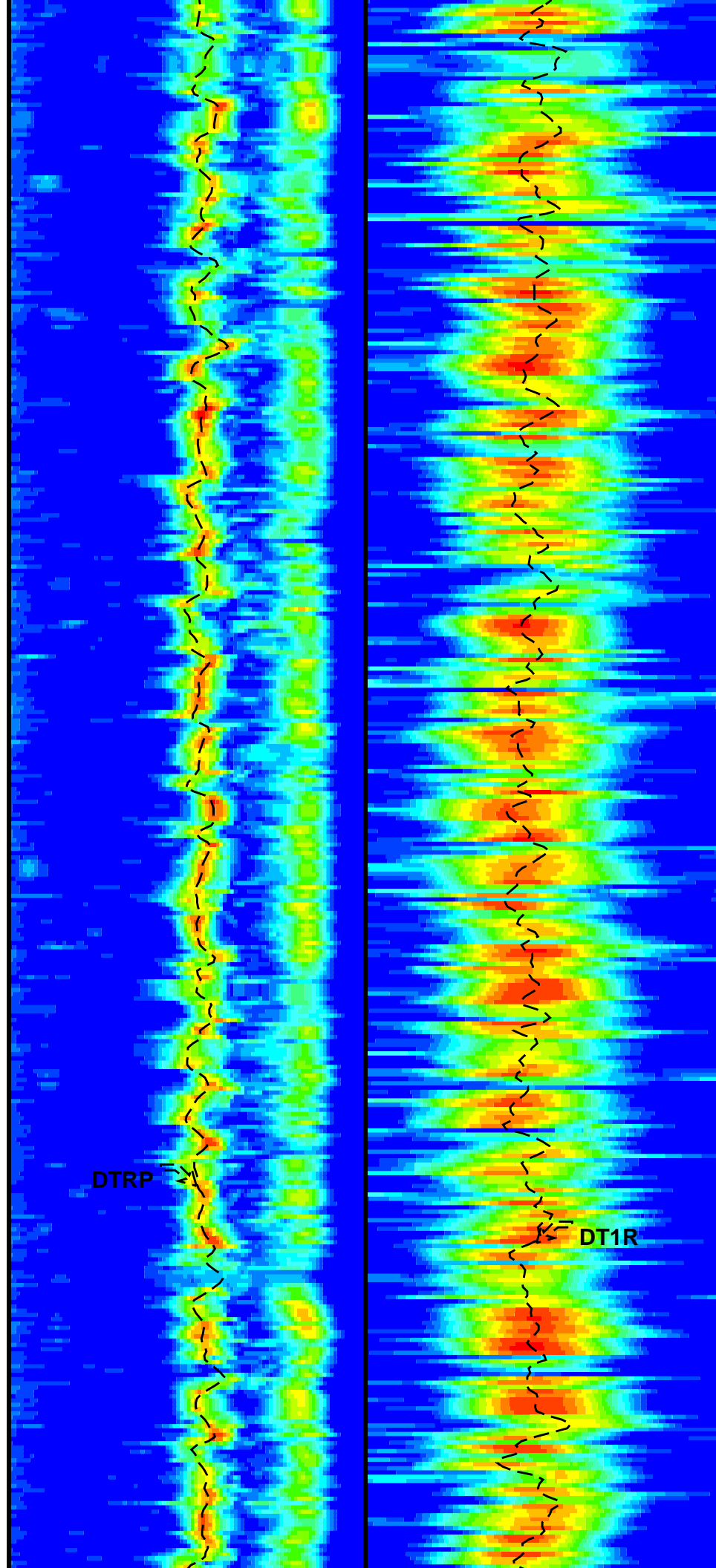


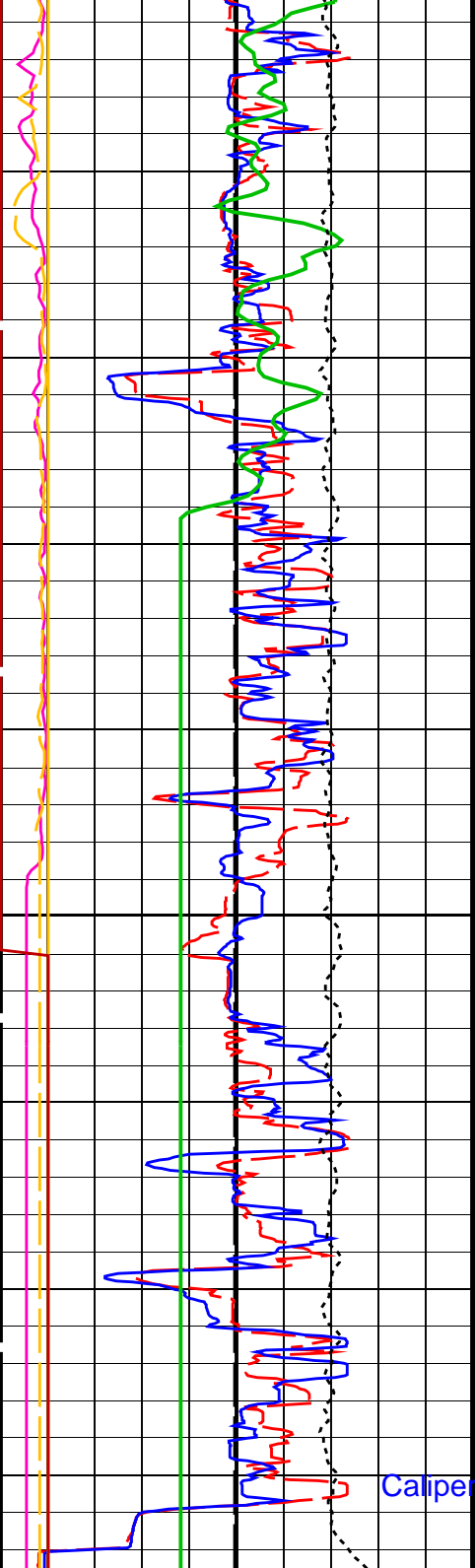


575

600

625



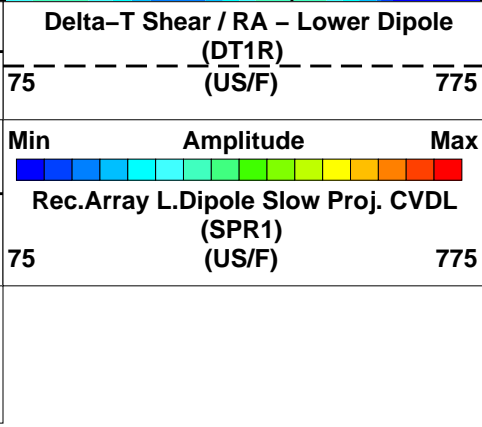
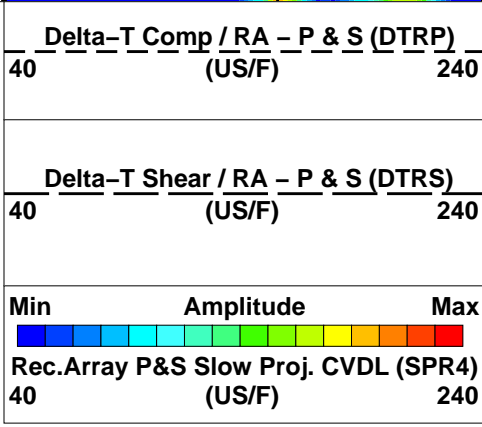
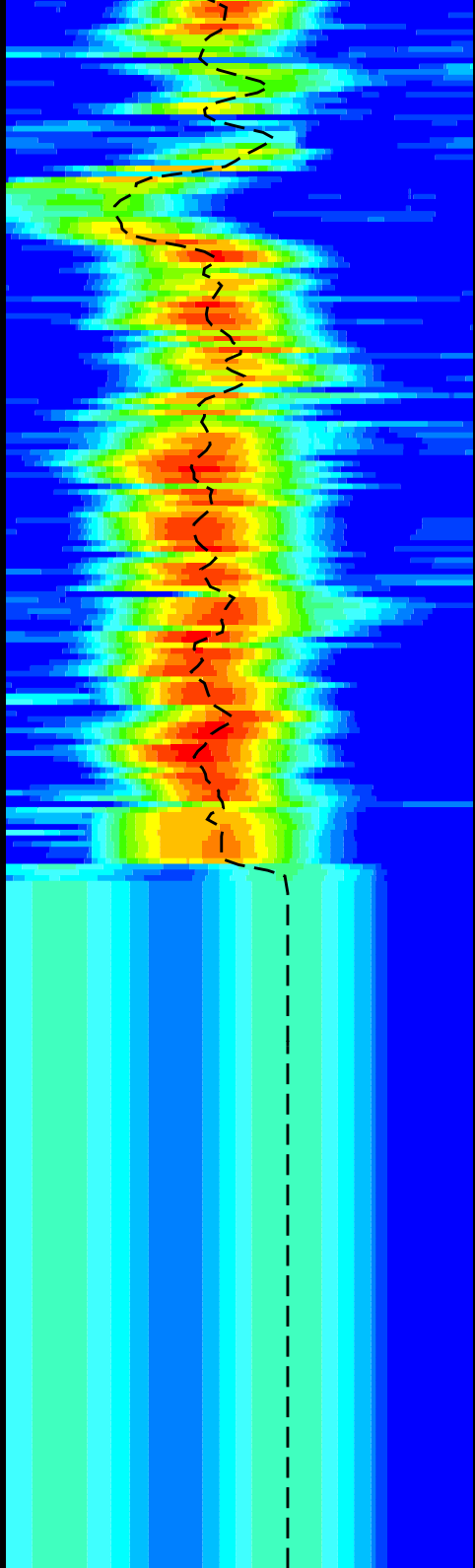
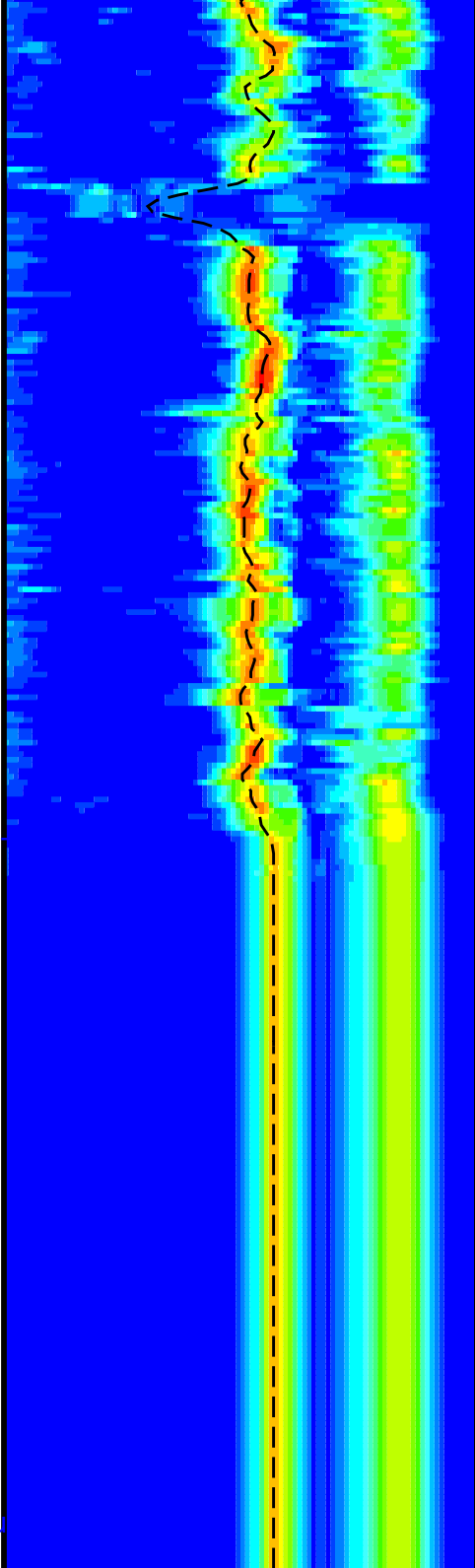
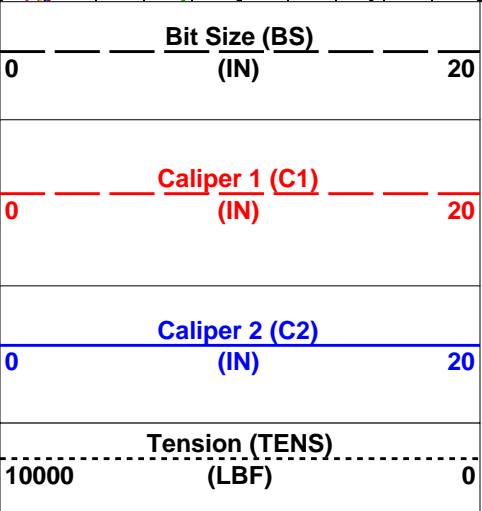


-FR GR

FR DSI

650

Calipers Opened
Tool Pickup



Low frequency lower dipole

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

1st Pass, Sea Floor Depth Reference

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	100 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 Upper Limit – Monopole P&S	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	
BHS	EDTC-B: Enhanced DTS Cartridge Borehole Status	OPEN	
BS	System and Miscellaneous Bit Size	9.875	IN
DO	Depth Offset for Playback	-1085.0	M
PP	Playback Processing	NORMAL	

Format: DSST_P_S_LOWER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 15-Jan-2012 16:38

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_029LUP	FN:40	PRODUCER	15-Jan-2012 14:18	1752.6 M	1073.5 M
---------	----------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_031PUP	FN:44	PRODUCER	15-Jan-2012 16:38
BACKUPDLIS	FMS_DSI_031PUP	FN:45	PRODUCER	15-Jan-2012 16:38


Calibration and Check Summary




Measurement	Nominal	Master	Before	After	Change	Limit	Units
Micro Electrical Scanner – B (Slim) Wellsite Calibration – Caliper Calibration							
Before: 15-Jan-2012 11:26							
Caliper 1 Zero Measurement	12.00	N/A	12.92	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	12.00	N/A	12.77	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.19	N/A	16.06	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.19	N/A	15.97	N/A	N/A	N/A	IN
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: 15-Jan-2012 11:21							
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: 15-Jan-2012 11:21							
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: 15–Jan–2012 3:14							
EDTC Z–Axis Acceleration	9.810	N/A	9.797	N/A	N/A	N/A	M/S2
Enhanced DTS Cartridge Wellsite Calibration – Detector Calibration							
Before: 27–Dec–2011 9:12							
Gamma Ray (Jig – Bkg)	160.1	N/A	160.1	N/A	N/A	14.56	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 – A			GPIC – A			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			9.797
	9.610 (Minimum)	9.810 (Nominal)	10.01 (Maximum)
Before: 15–Jan–2012 3:14			

Enhanced DTS Cartridge Wellsite Calibration														
Detector Calibration														
Phase	Gamma Ray Background		GAPI	Value	Phase	Gamma Ray (Jig – Bkg)		GAPI	Value	Phase	Gamma Ray (Calibrated)		GAPI	Value
Before				6.619	Before				160.1	Before				164.0
	0 (Minimum)	30.00 (Nominal)	120.0 (Maximum)			145.6 (Minimum)	160.1 (Nominal)	174.7 (Maximum)			149.0 (Minimum)	164.0 (Nominal)	179.0 (Maximum)	
Before: 27–Dec–2011 9:12														

Company:

Lamont Doherty

Well:

Expedition 339, Site U1391 WI–01B

Field:

Mediterranean Outflow (Portugal)

Rig:

JOIDES Resolution

Ocean:

Atlantic



P&S Compressional and Dipole Shear
Gamma Ray