

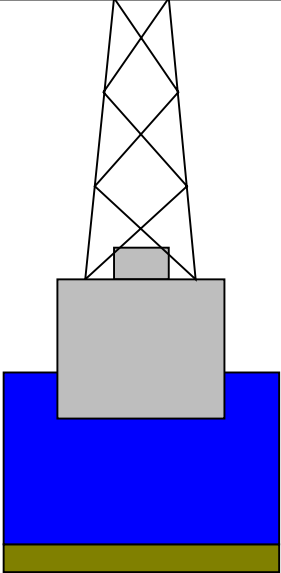
Production String	(in)	(M)	Well Schematic	(M)	(in)	Casing String
	OD	ID	MD	MD	OD	ID

Kelly Bushing Elevation
Derrick Floor Elevation

Mean Sea Level

-4200
-4200

-4189



4.1



0
84

624

4.1
9.875

Sea Floor
Open Hole

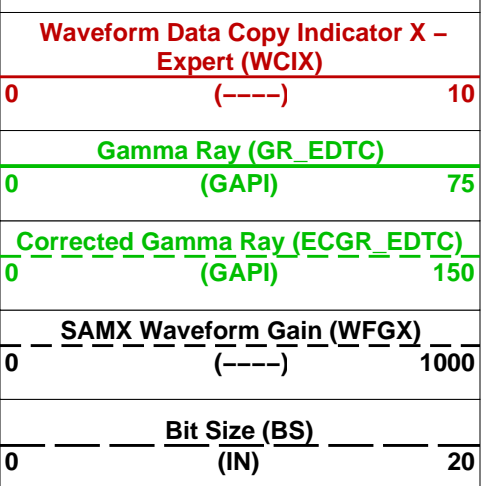
Total Depth

Input DLIS Files						
DEFAULT	FMS_DSI_NGS_079PUP	FN:103	PRODUCER	23-Jun-2013 14:38	573.0 M	-44.8 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_124PUP	FN:148	PRODUCER	06-Jul-2013 12:46	573.0 M	-44.8 M

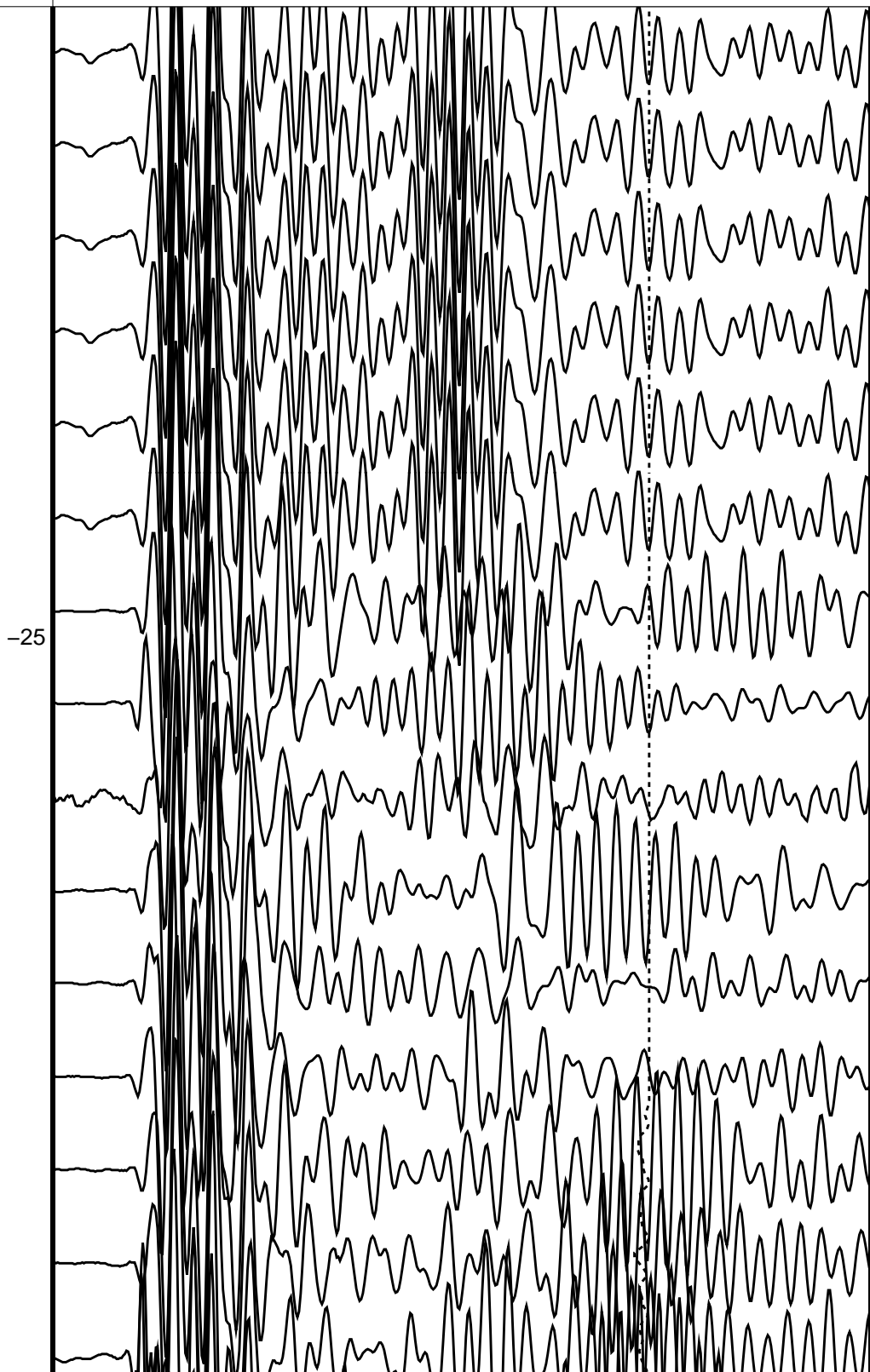
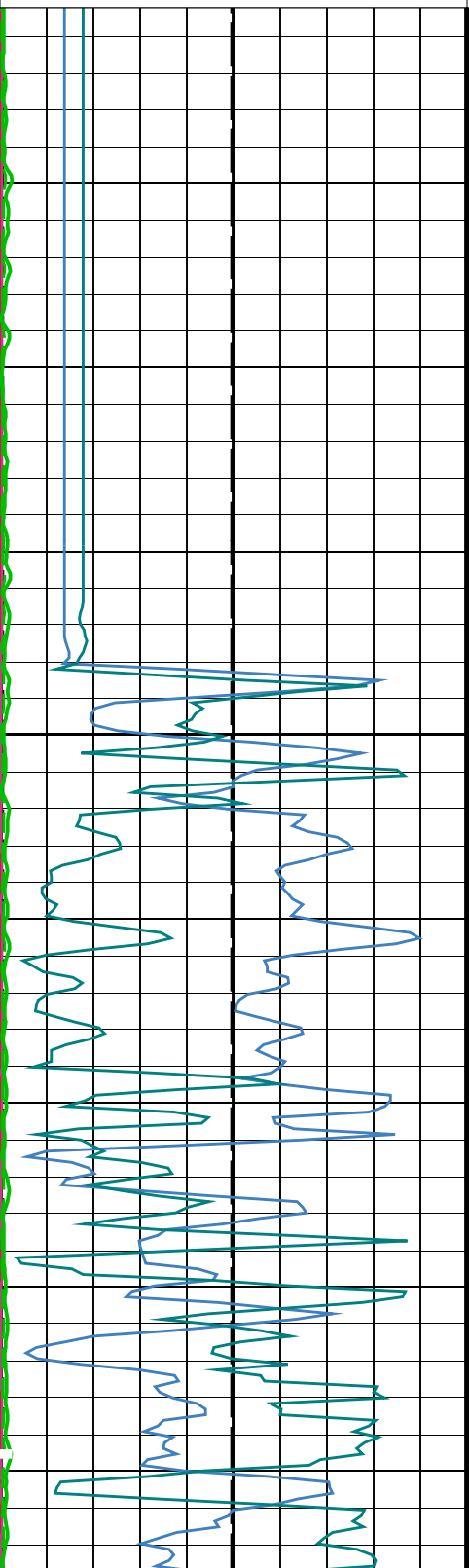
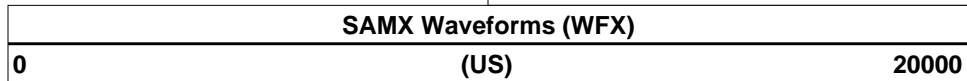
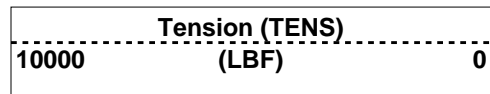
OP System Version: 19C0-187						
MEST-B	19C0-187	DTA-A		8453		
DSST-B	19C0-187	HNGC-B		19C0-187		
HNGS-BA	19C0-187	EDTC-B		SKK-5169-EDTCB		

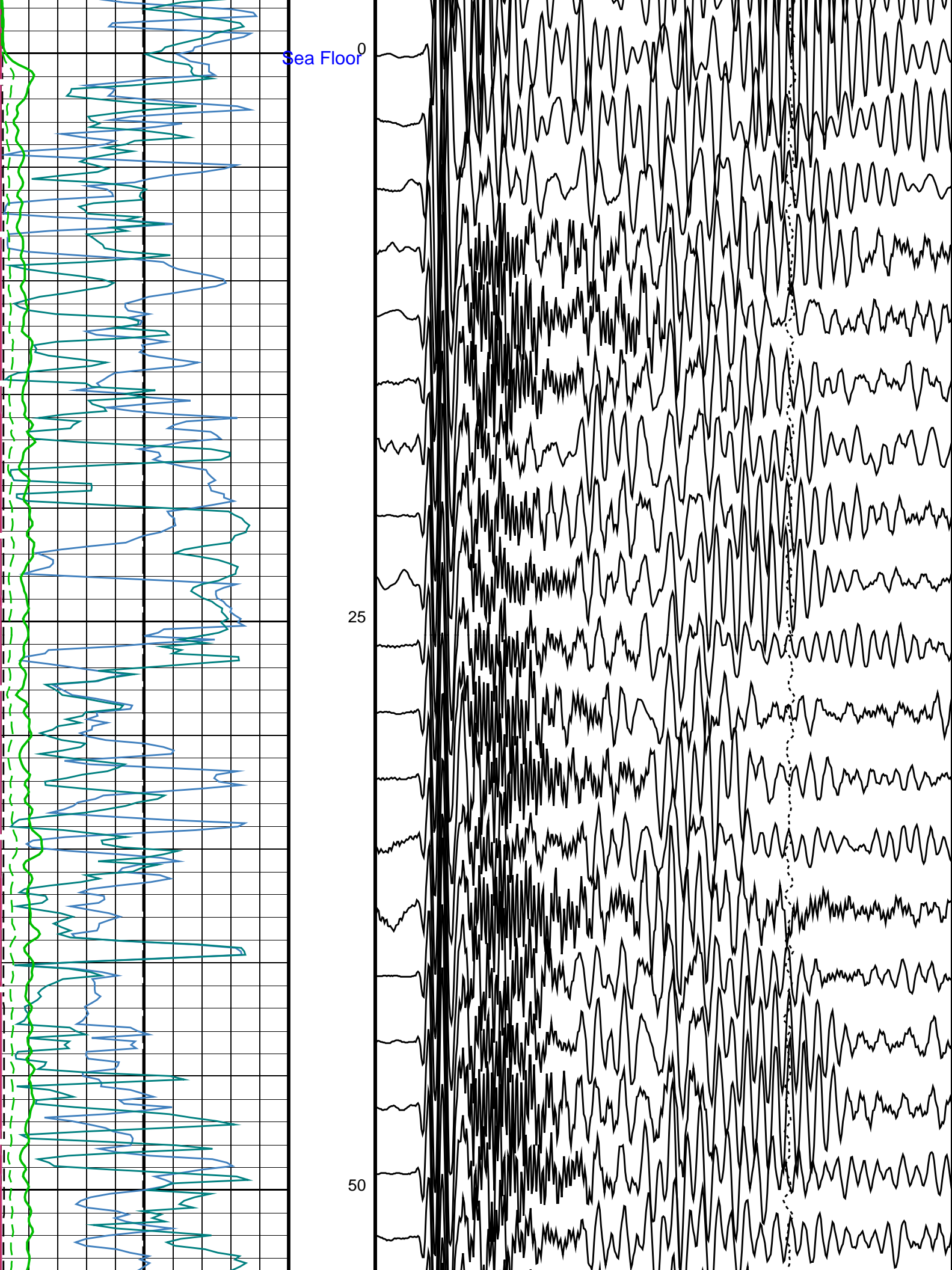
PIP SUMMARY						
Time Mark Every 60 S						

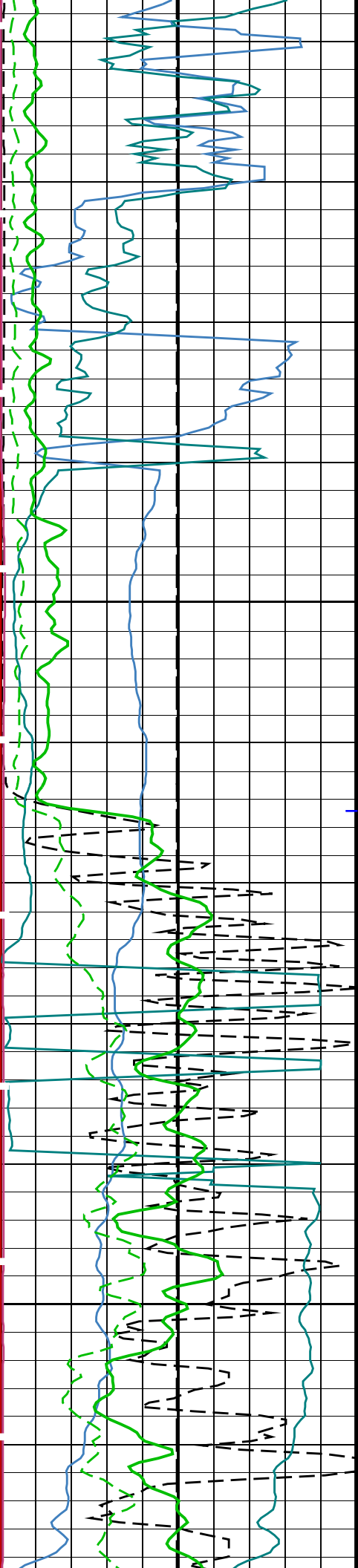
Deviation at DSST Waveform Depth (DVWD)		
0	(DEG)	100
Relative Bearing at DSST Waveform Depth (RBWD)		
0	(DEG)	400
Azimuth at DSST Waveform Depth (AZWD)		
0	(DEG)	400



1st Pass, Sea Floor Depth Reference



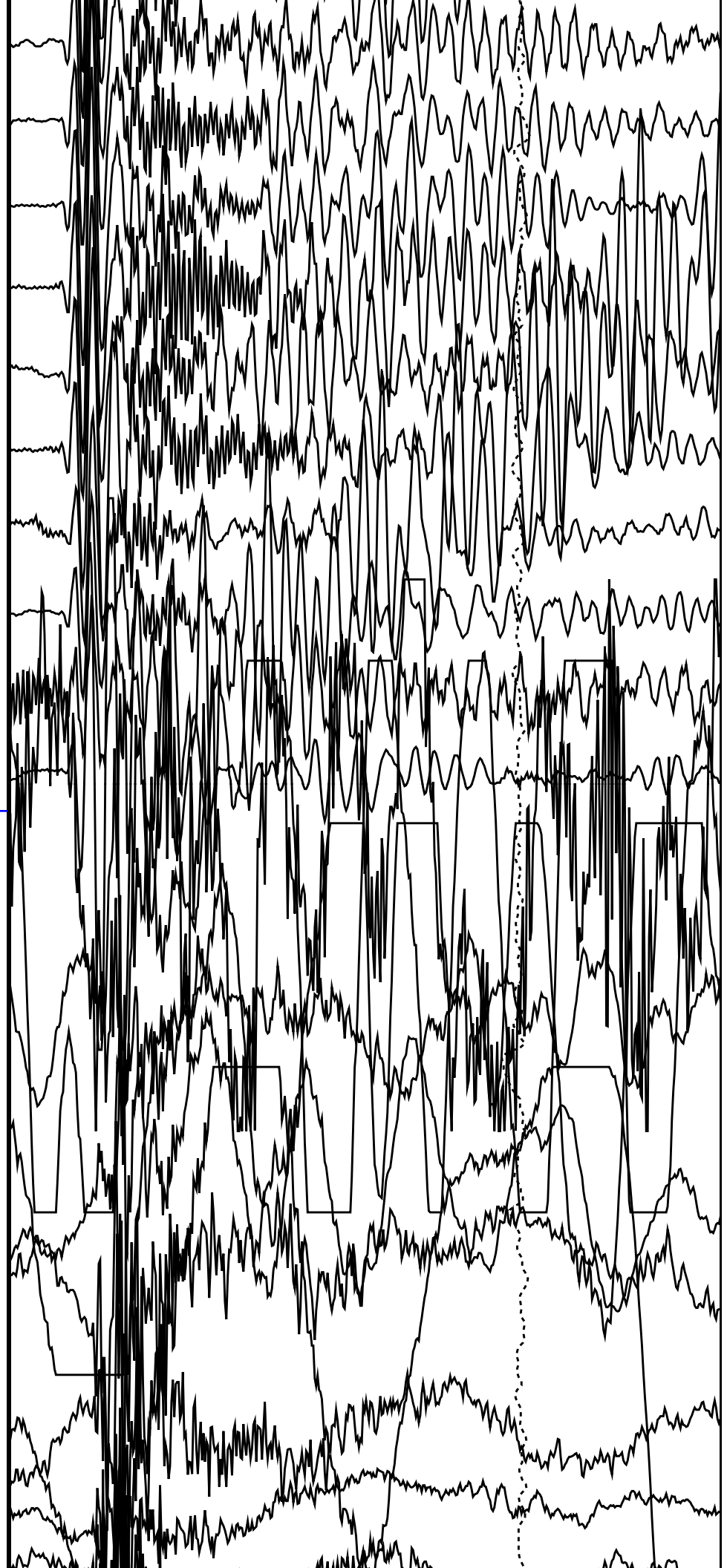


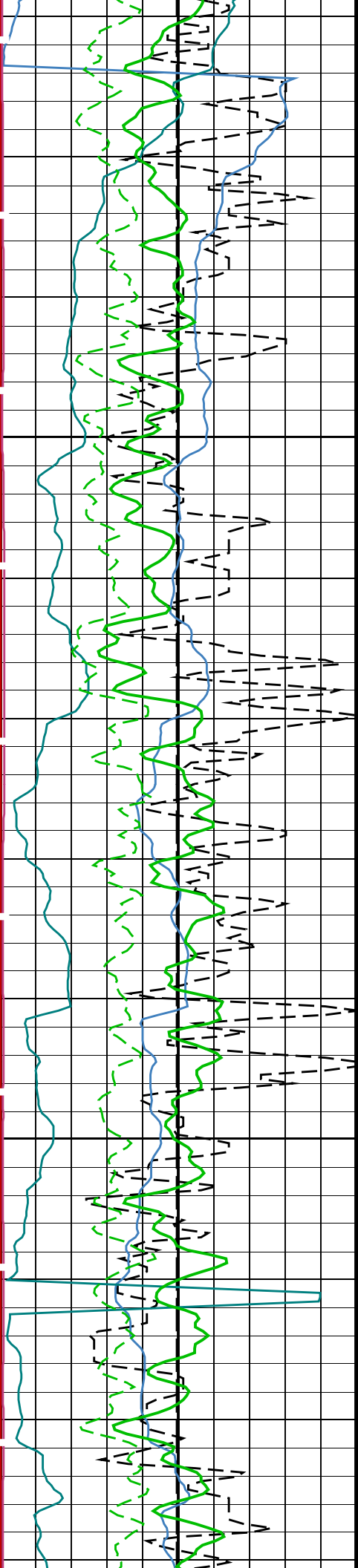


-Drill Pipe-

75

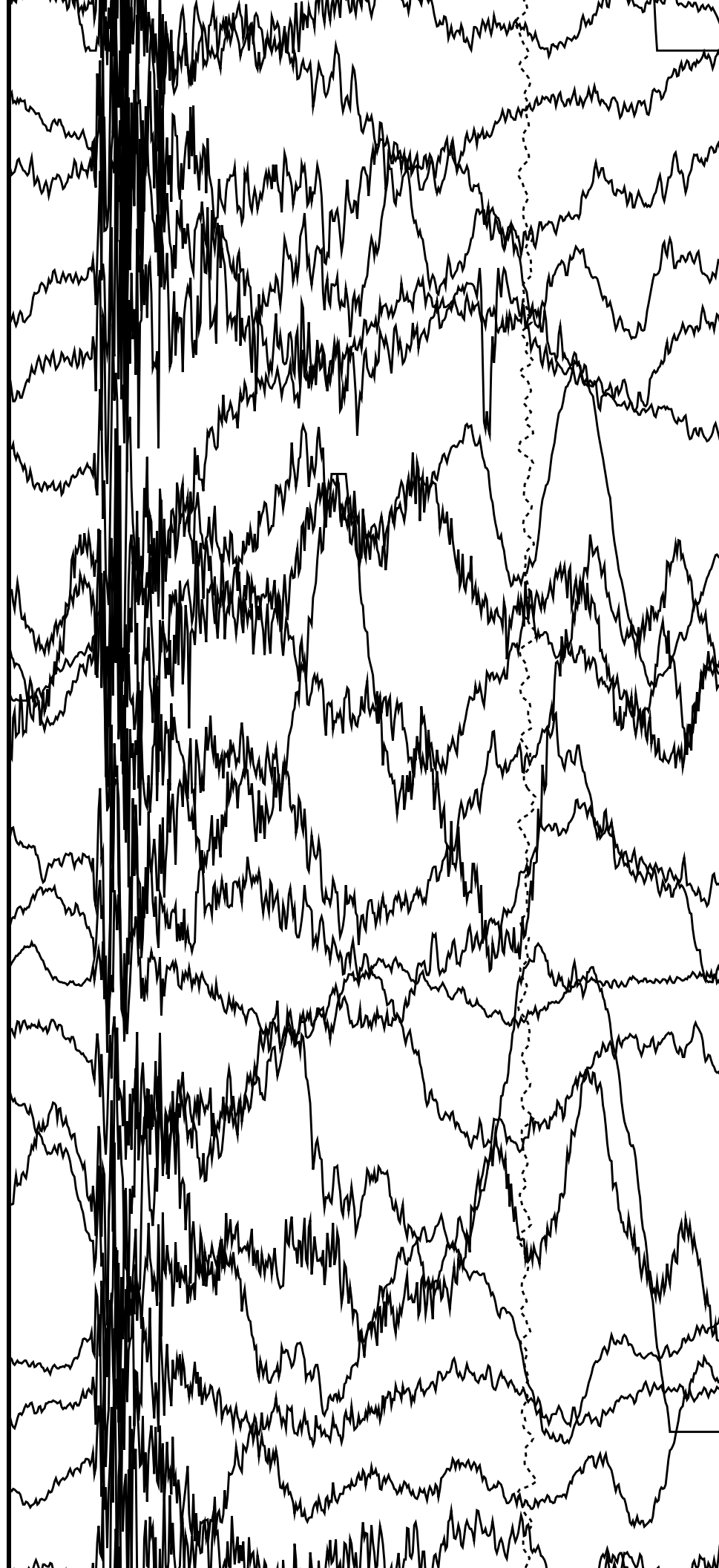
100

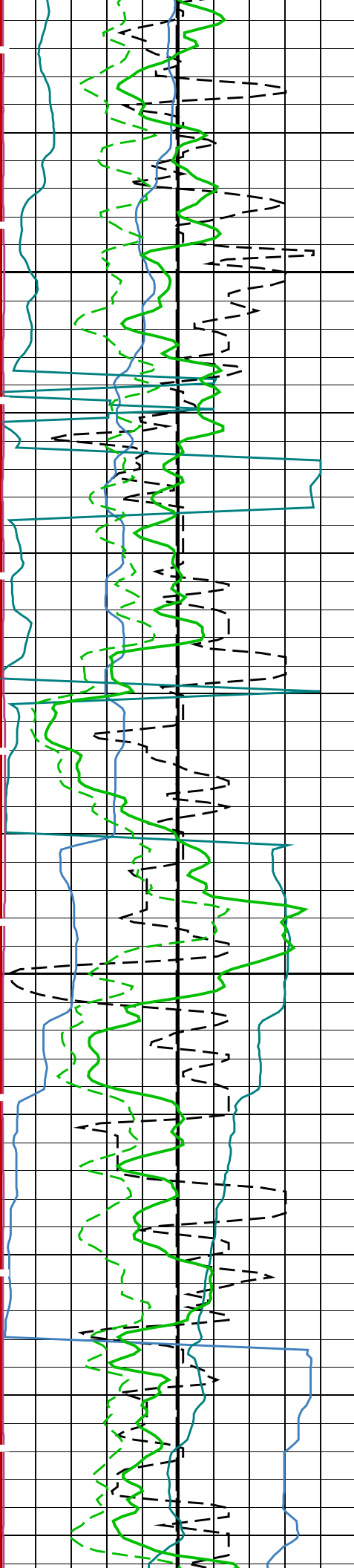




125

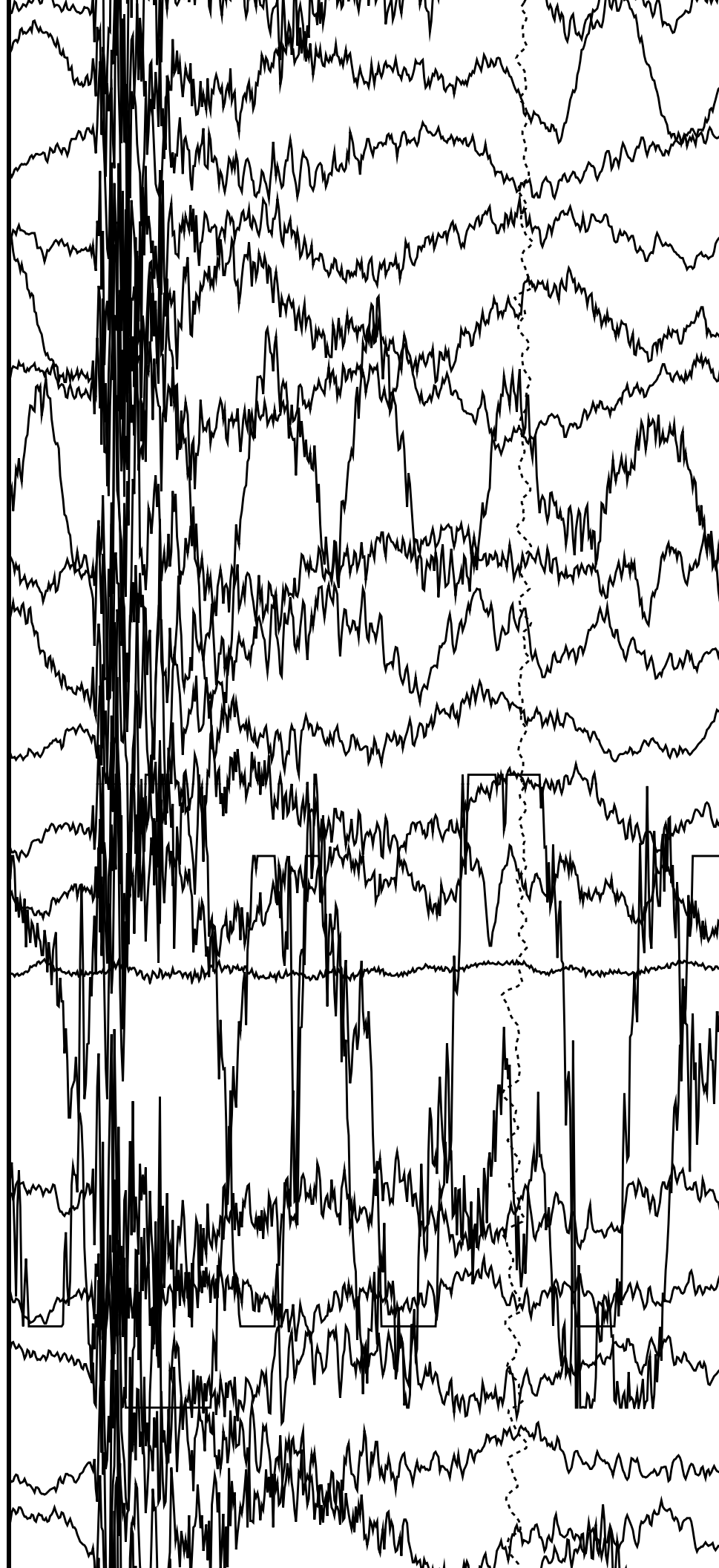
150

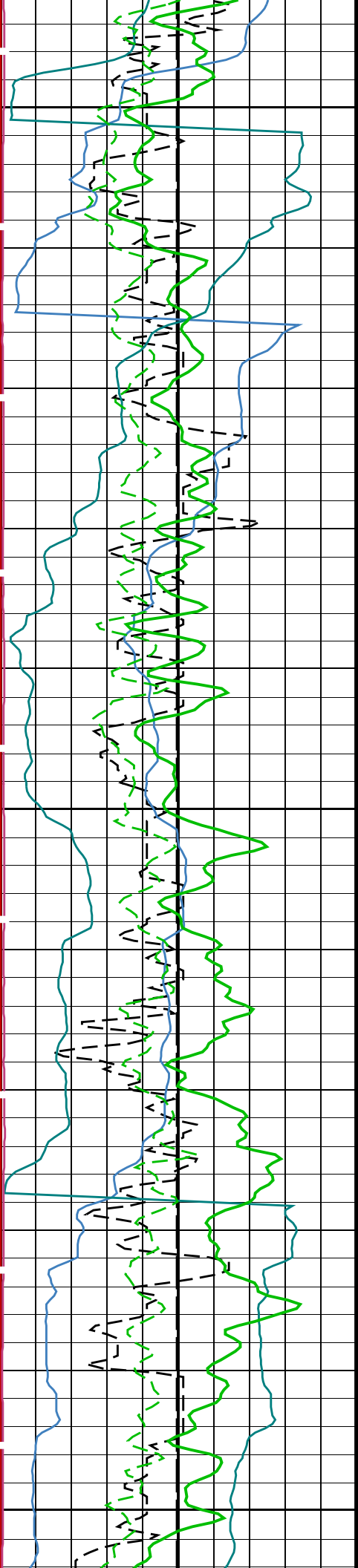




175

200

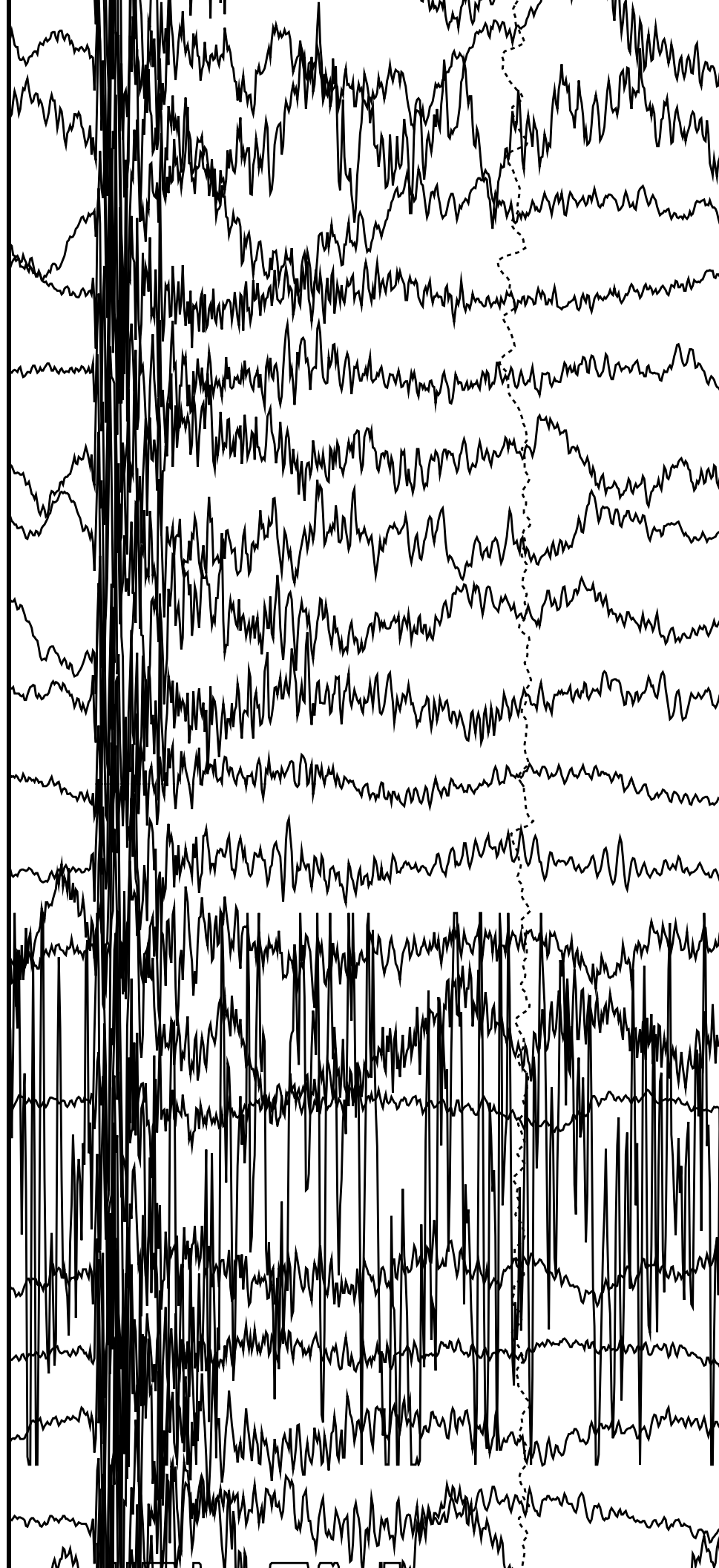


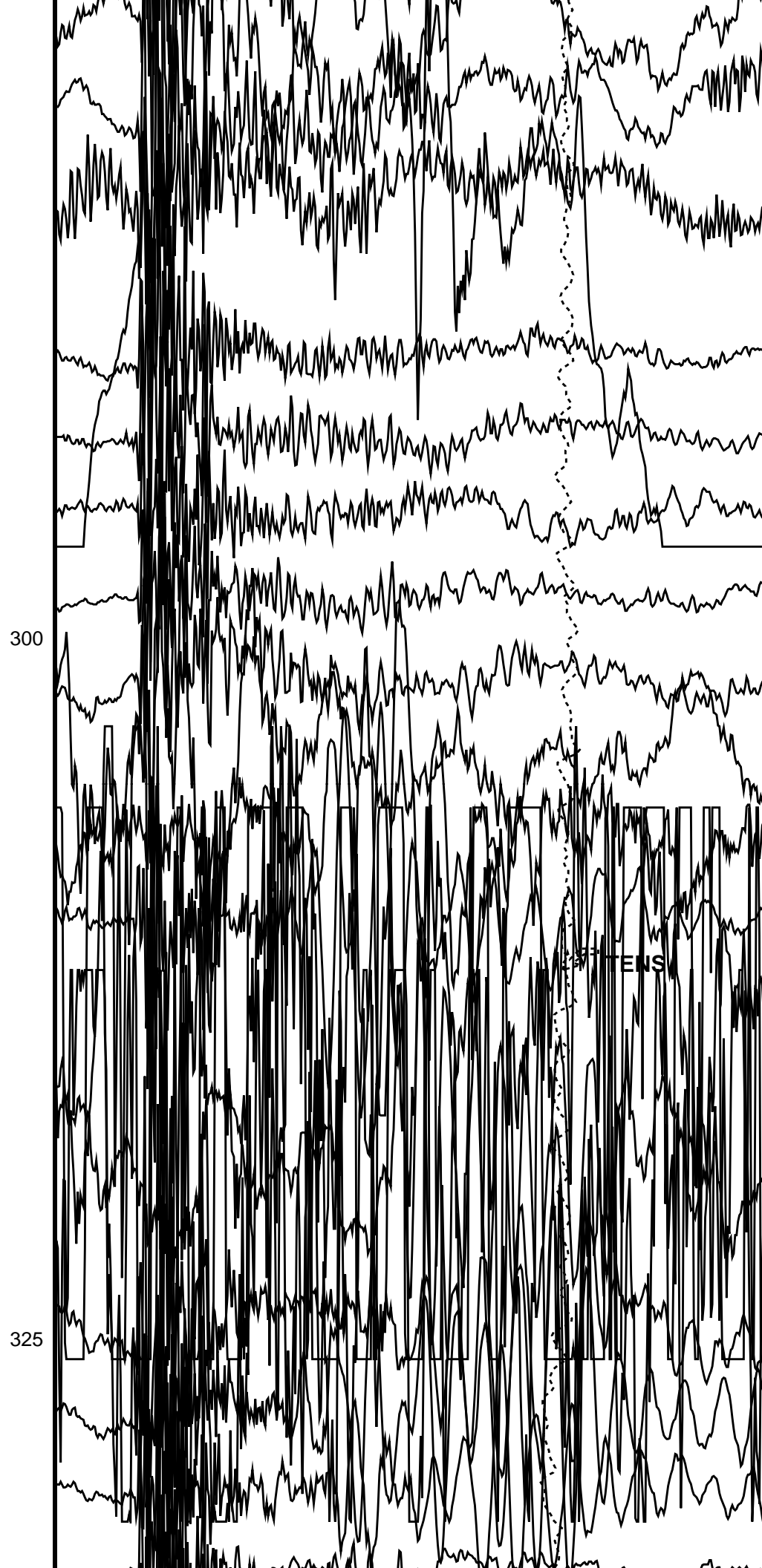
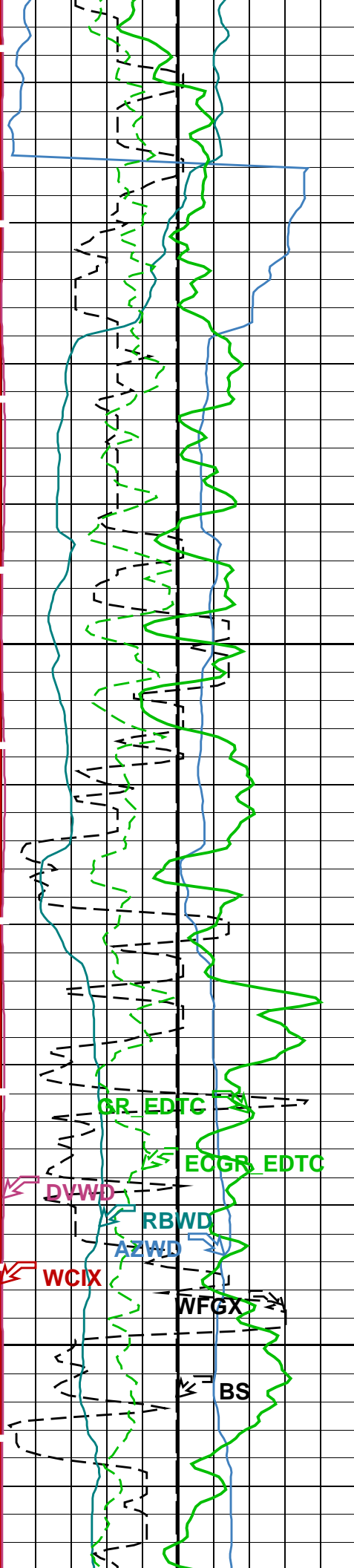


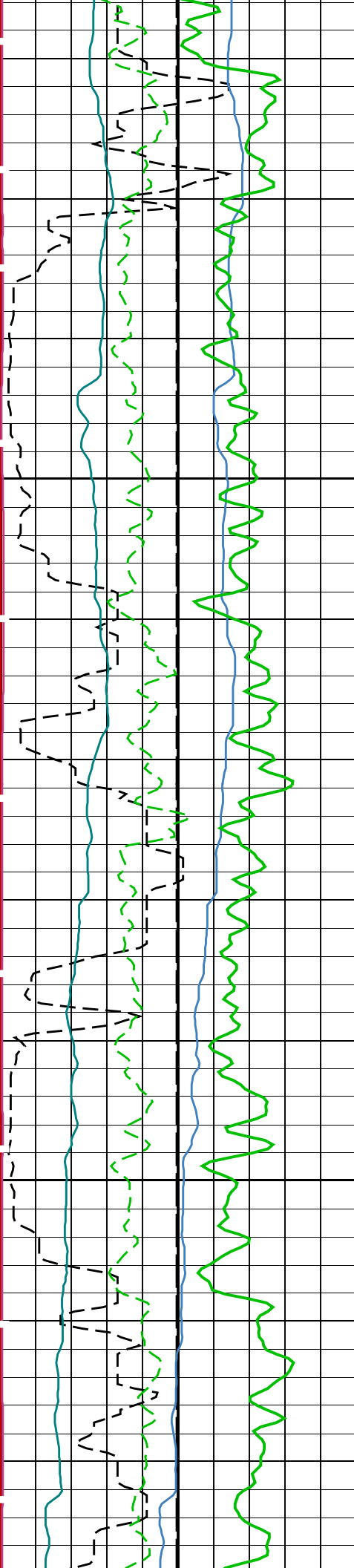
225

250

275

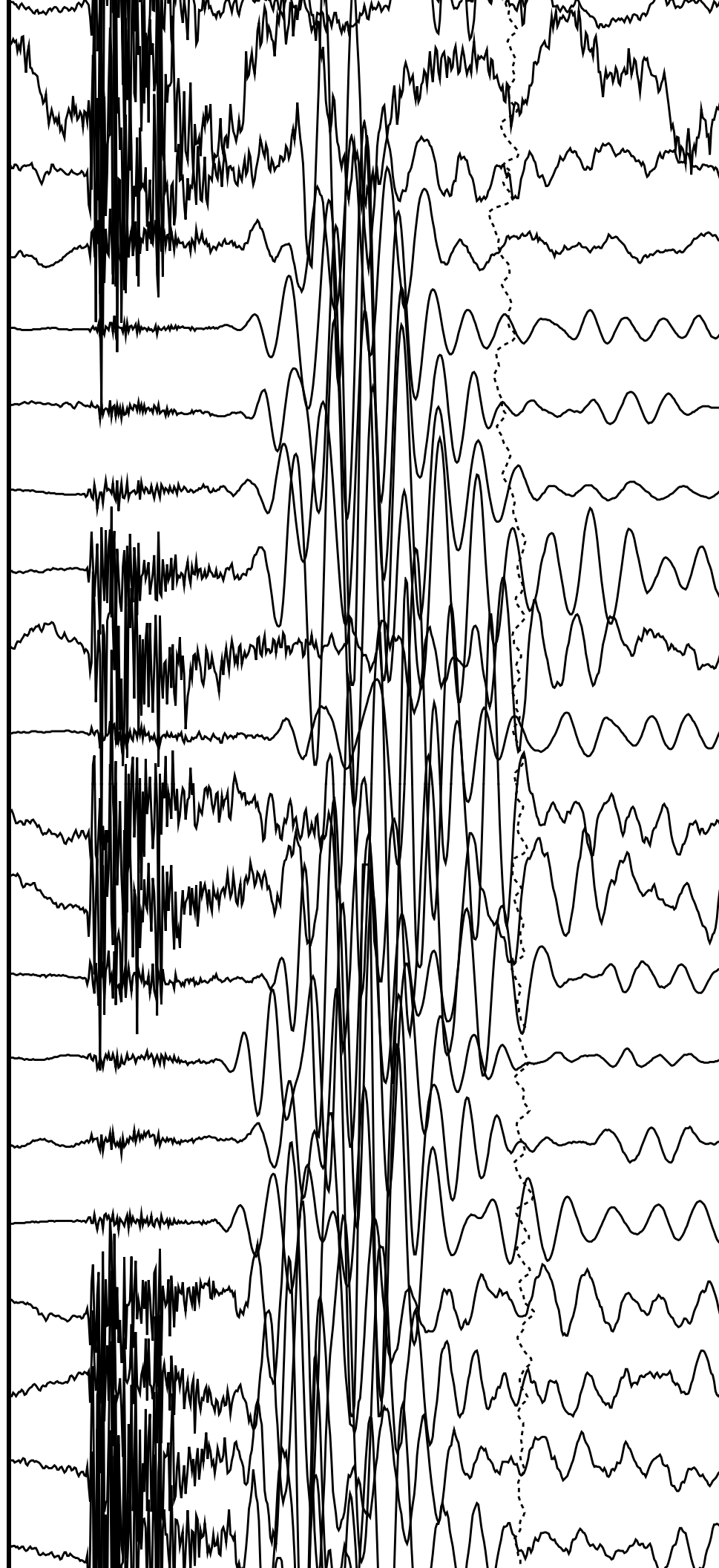


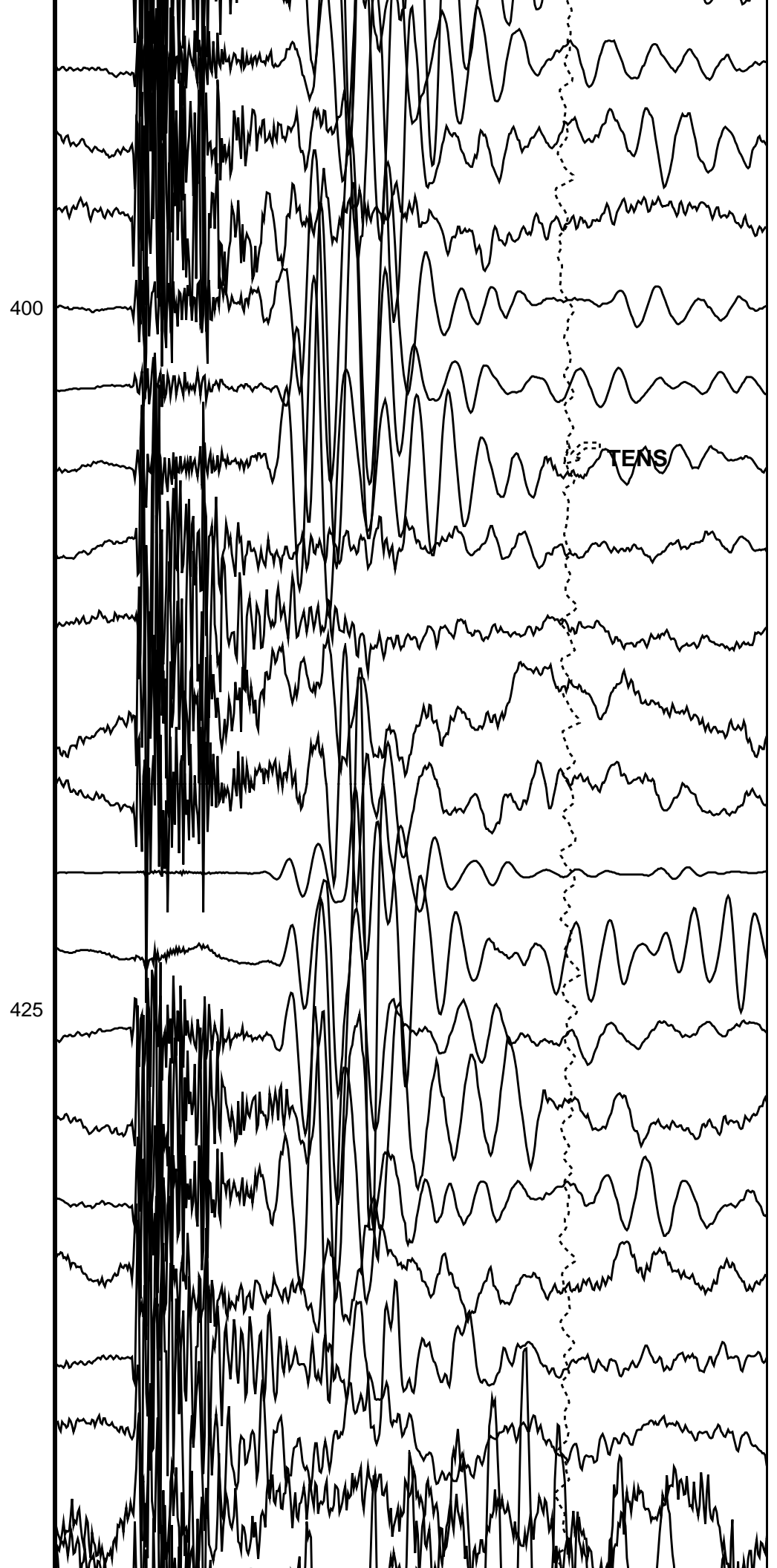
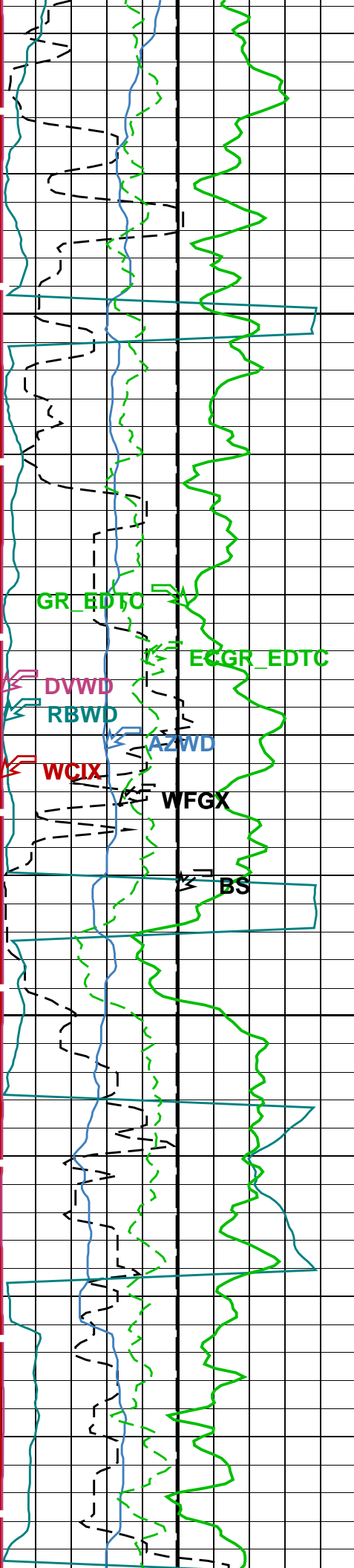


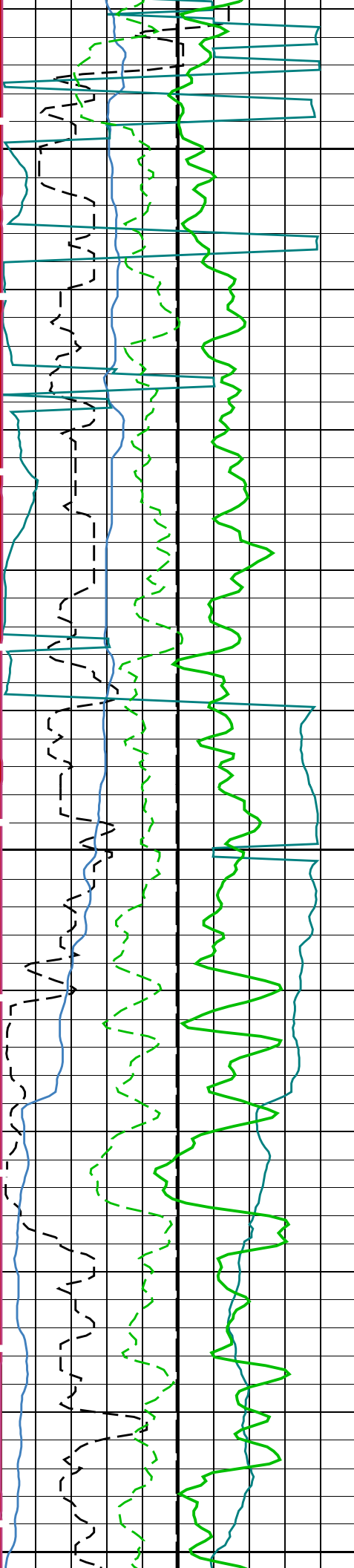


350

375



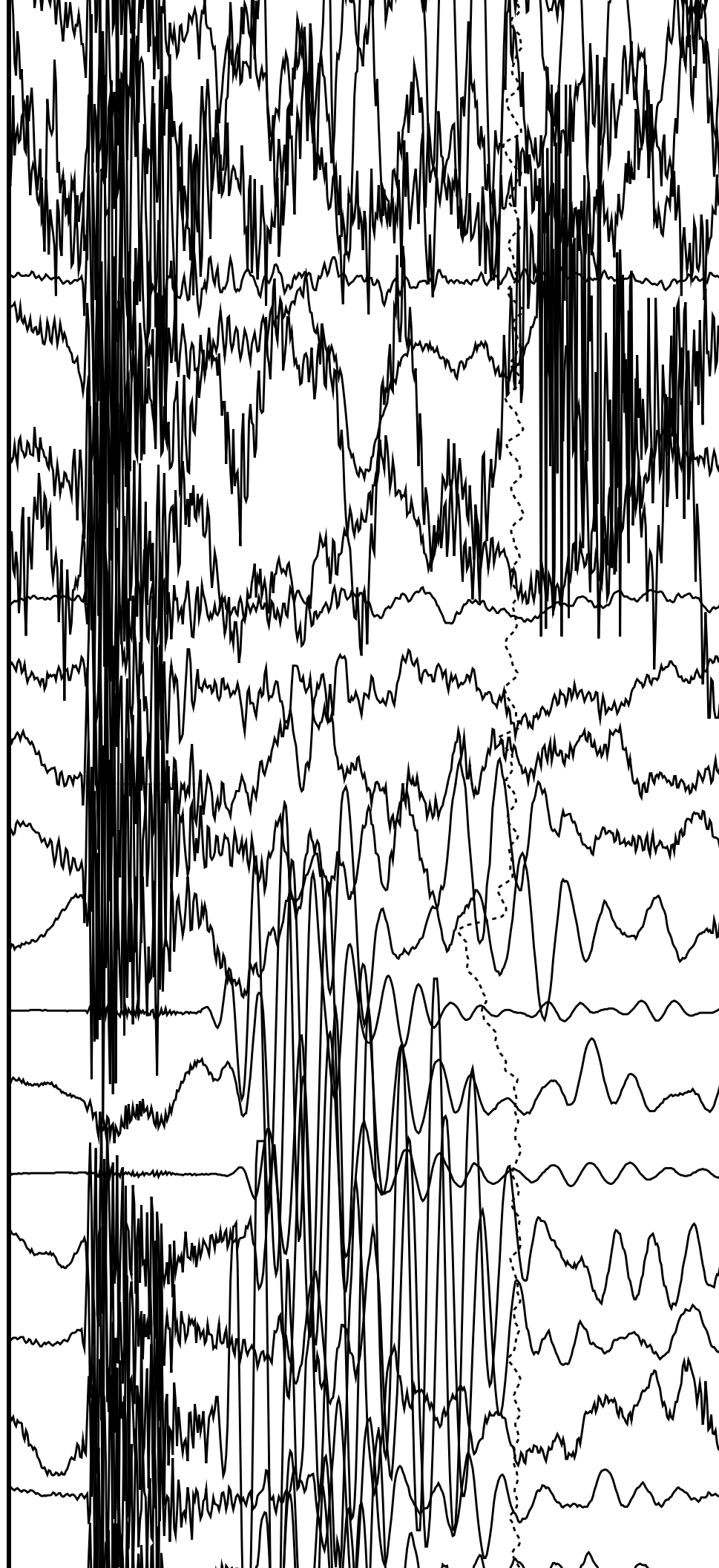


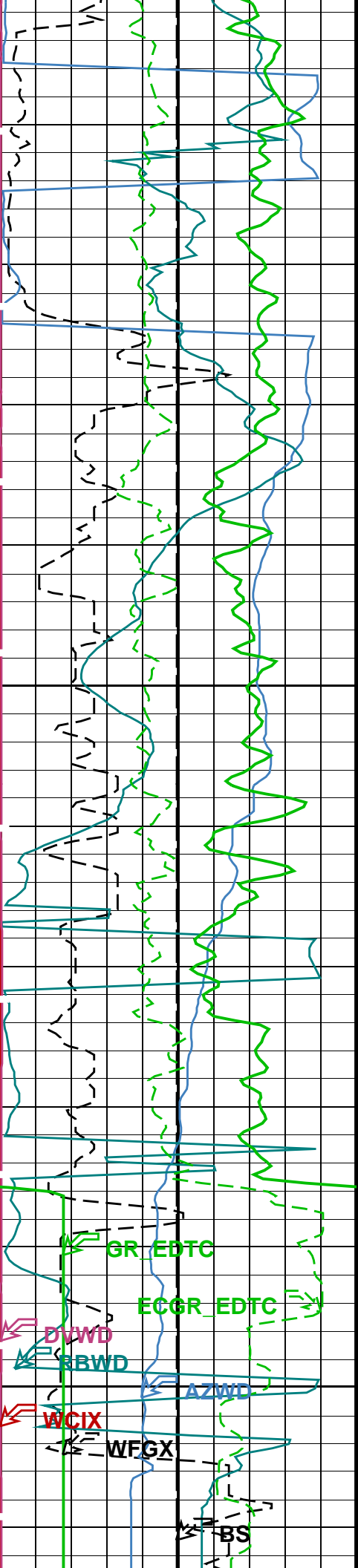


450

475

500



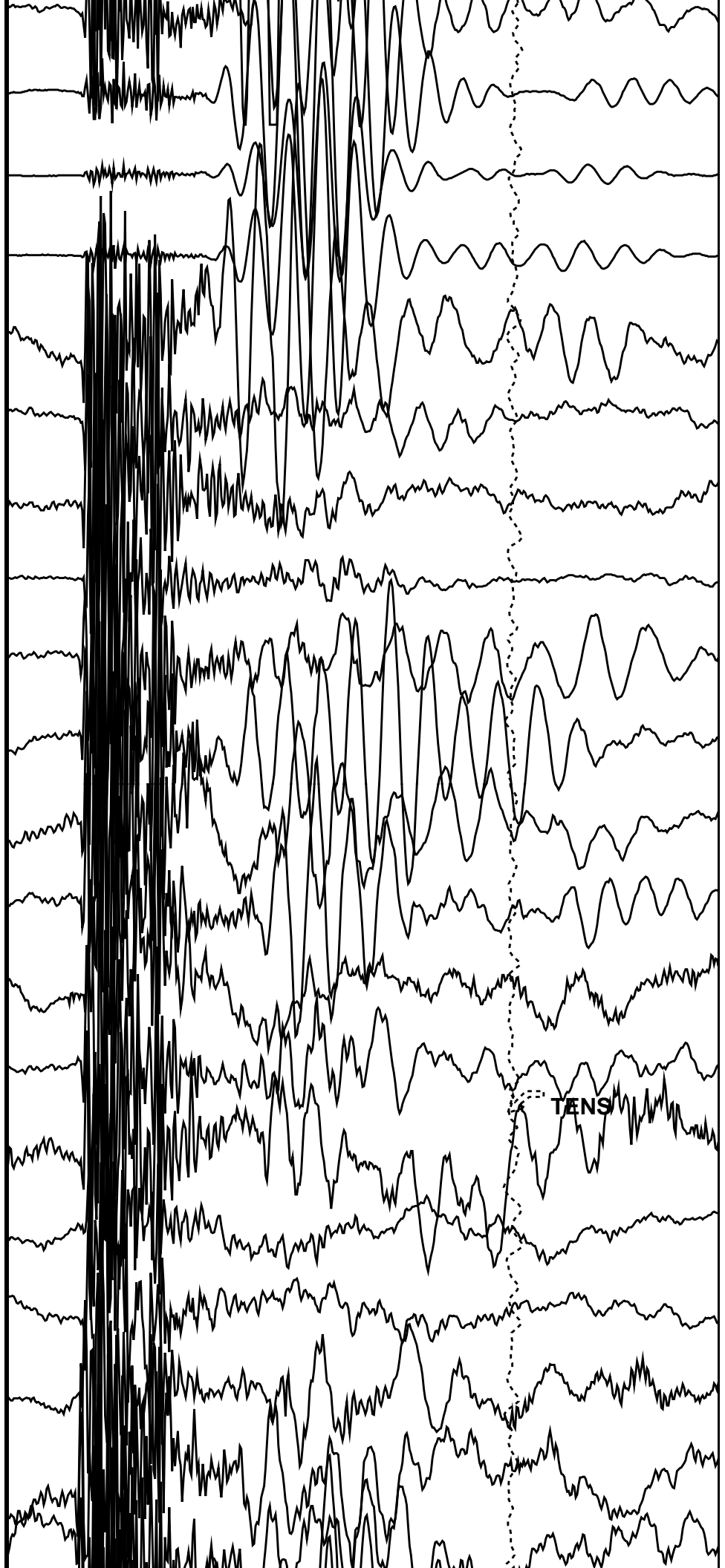


-FR GR

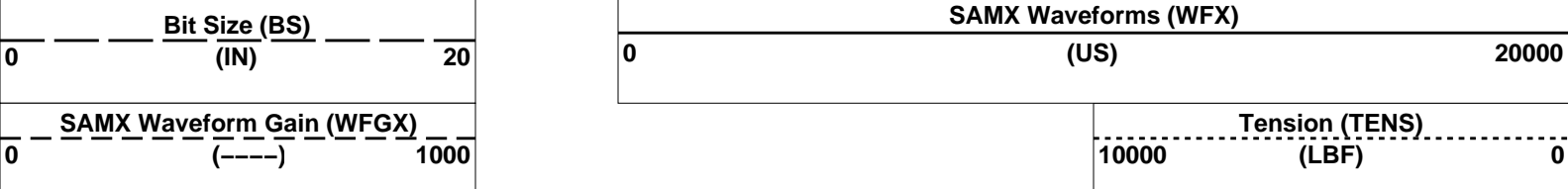
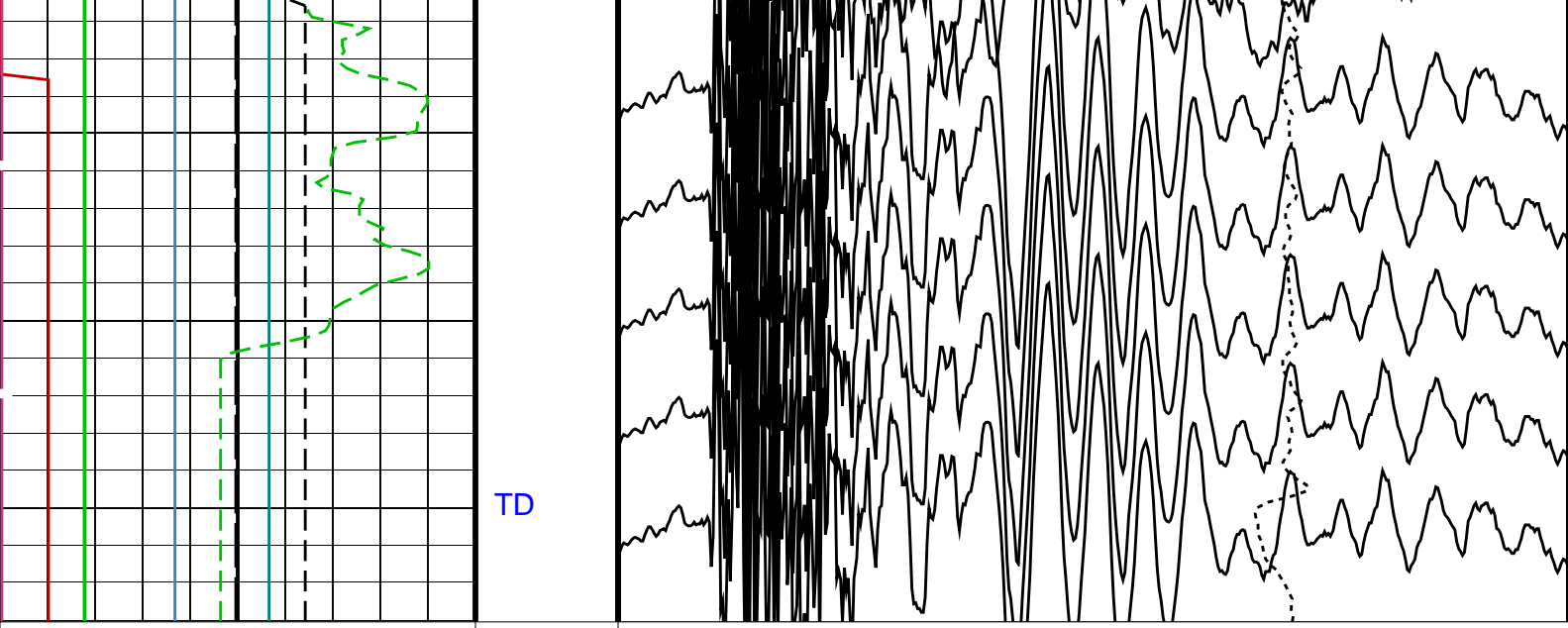
FR DSI-

525

550



TENS



Corrected Gamma Ray (ECGR_EDTC) (GAPI)		
0		150
Gamma Ray (GR_EDTC) (GAPI)		
0		75
Waveform Data Copy Indicator X – Expert (WCIX) (-----)		
0		10
Azimuth at DSST Waveform Depth (AZWD) (DEG)		
0		400
Relative Bearing at DSST Waveform Depth (RBWD) (DEG)		
0		400
Deviation at DSST Waveform Depth (DVWD) (DEG)		
0		100

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	
DWCX	Digitizer Word Count X	512	
LTXG	Lower Dipole Transmitter Geometry	156	IN
MTXG	Monopole Transmitter Geometry	186	IN
NWIX	Number Waveform Items X	32	
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
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	BCR	
UTXG	Upper Dipole Transmitter Geometry	162	IN

DTXC	Upper Dipole Transmitter Geometry	102	IN
WFMX	Waveform Mode X	W1	
HNGS-BA	Hostile Natural Gamma Ray Sonde		
BHS	Borehole Status	OPEN	
EDTC-B	Enhanced DTS Cartridge		
BHS	Borehole Status	OPEN	
ISSBAR_EDTC	Nuclear Mud Type	NOBARITE	
SOCN	Standoff Distance	0	IN
SOCO	Standoff Correction Option	NO	
TPOS_EDTC	EDTC Tool Centered/Eccentered	Centered	
System and Miscellaneous			
BS	Bit Size	9.875	IN
CSIZ	Current Casing Size	13.375	IN
CWEI	Casing Weight	168.00	LB/F
DFD	Drilling Fluid Density	1.03	G/C3
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

Format: DSST_WFX_WAVES	Vertical Scale: 1:200	Graphics File Created: 06-Jul-2013 12:46
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OP System Version: 19C0-187

MEST-B	19C0-187	DTA-A	8453
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

Input DLIS Files

DEFAULT	FMS_DSI_NGS_079PUP	FN:103	PRODUCER	23-Jun-2013 14:38	573.0 M	-44.8 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_124PUP	FN:148	PRODUCER	06-Jul-2013 12:46		
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Company: Lamont Doherty Earth Observatory	Well: Expedition 341, Site U1417E
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Input DLIS Files

DEFAULT	FMS_DSI_NGS_079PUP	FN:103	PRODUCER	23-Jun-2013 14:38	573.0 M	-44.8 M
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Output DLIS Files

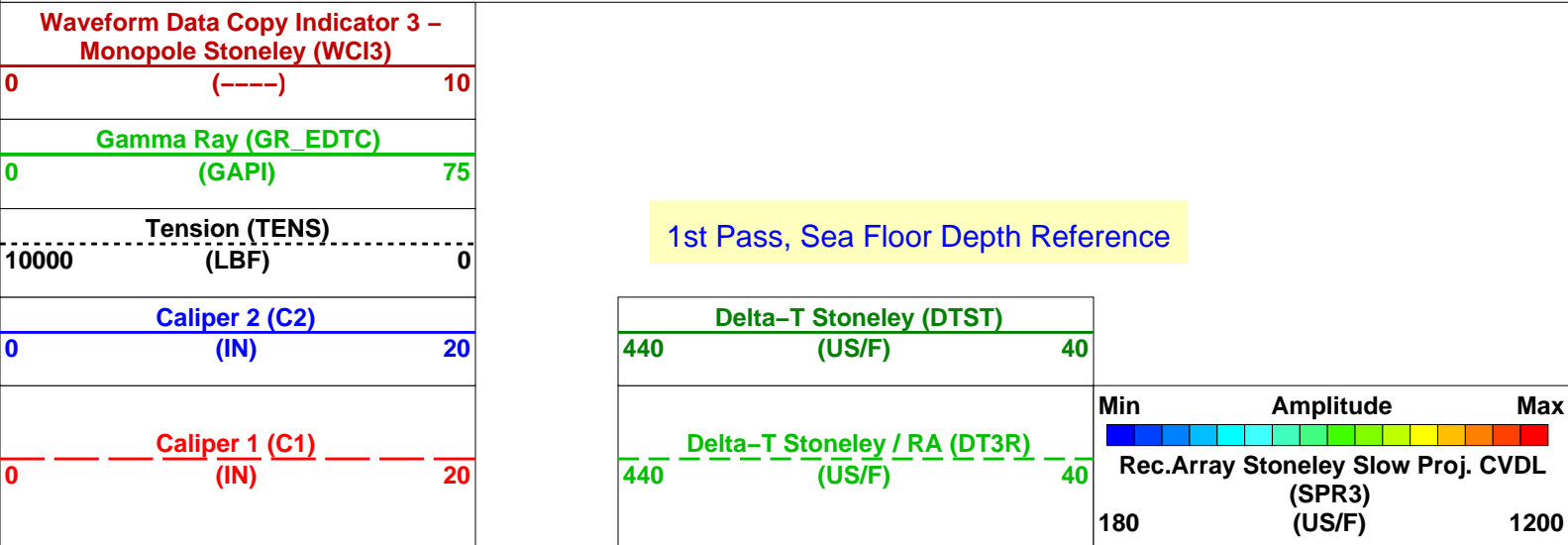
DEFAULT	FMS_DSI_NGS_124PUP	FN:148	PRODUCER	06-Jul-2013 12:46	573.0 M	-44.8 M
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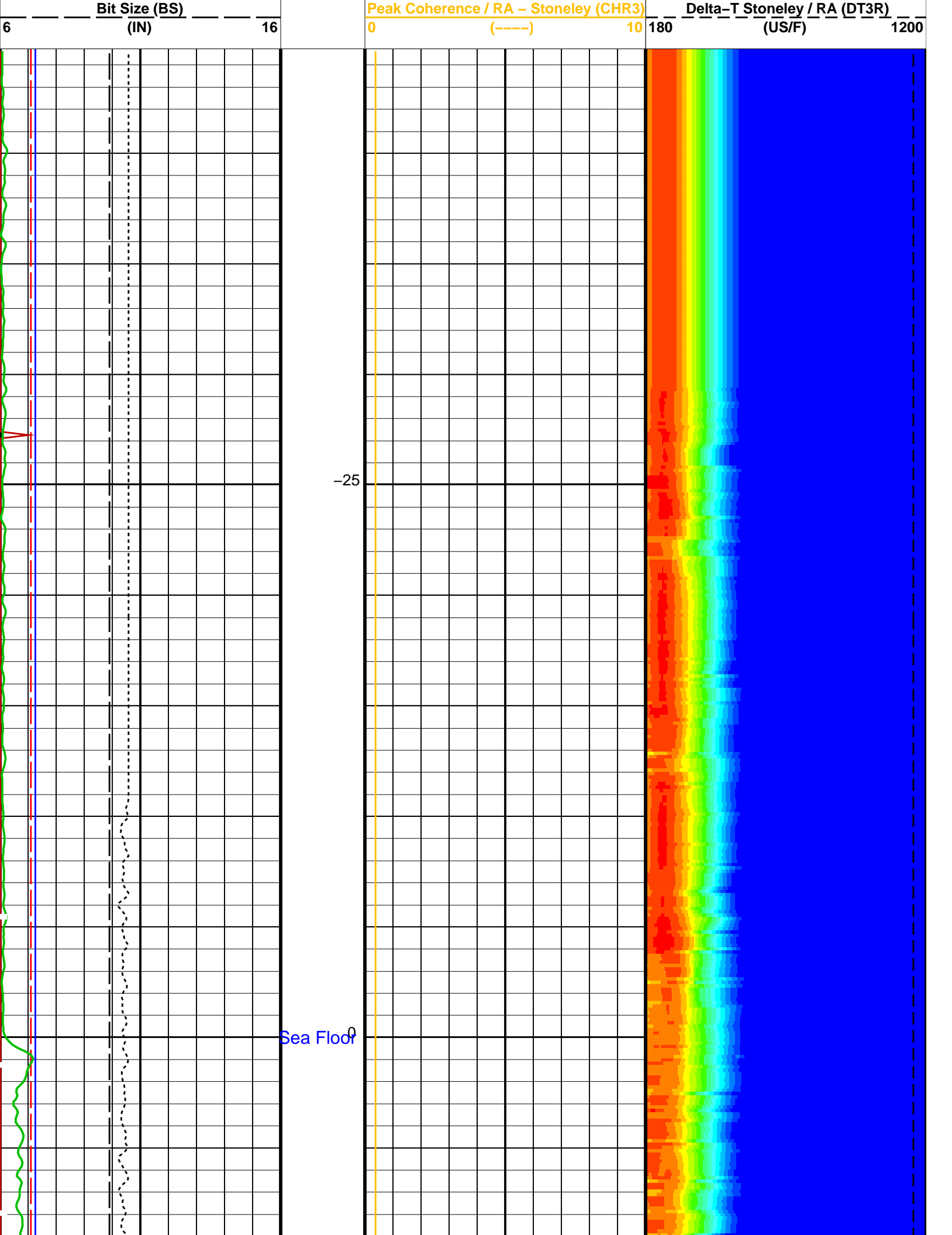
OP System Version: 19C0-187

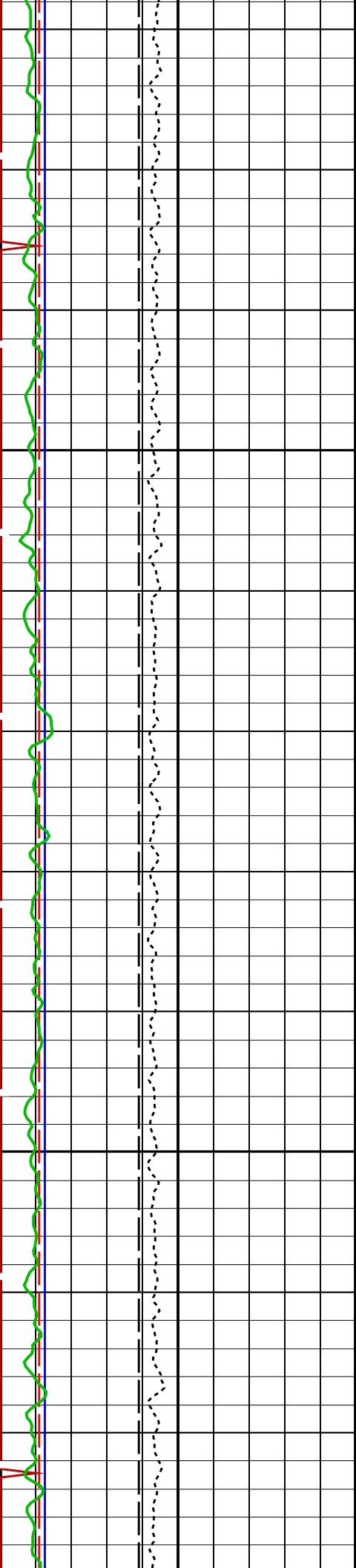
MEST-B	19C0-187	DTA-A	8453
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

PIP SUMMARY

Time Mark Every 60 S

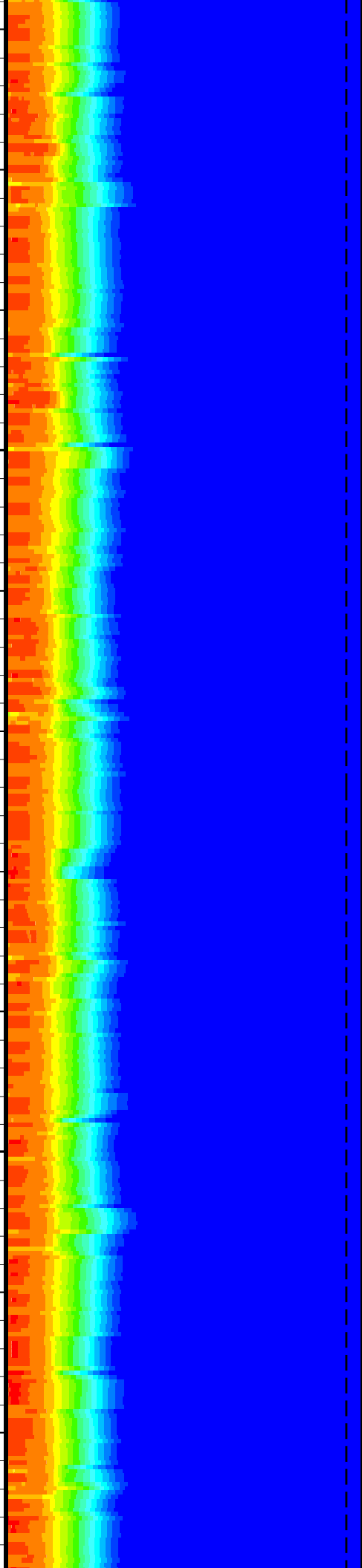
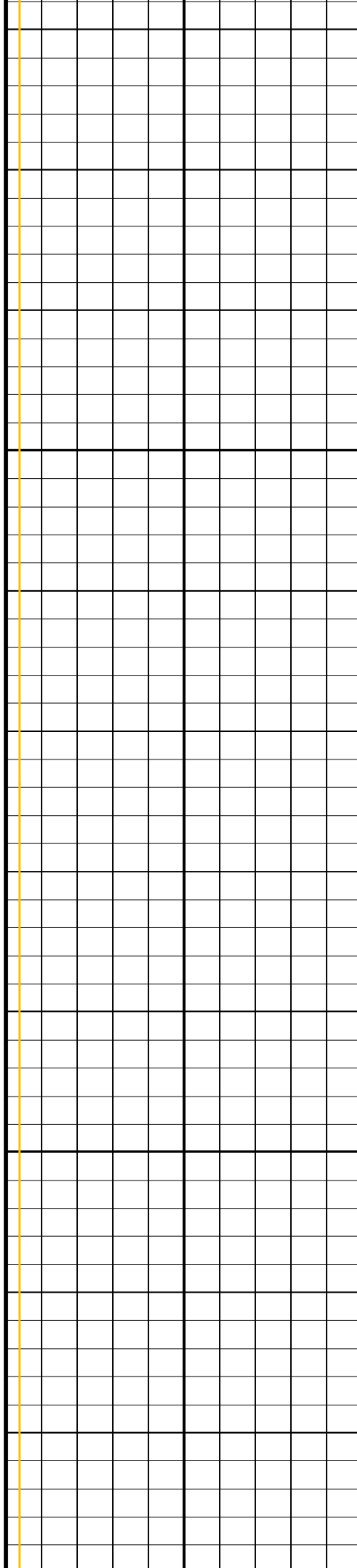


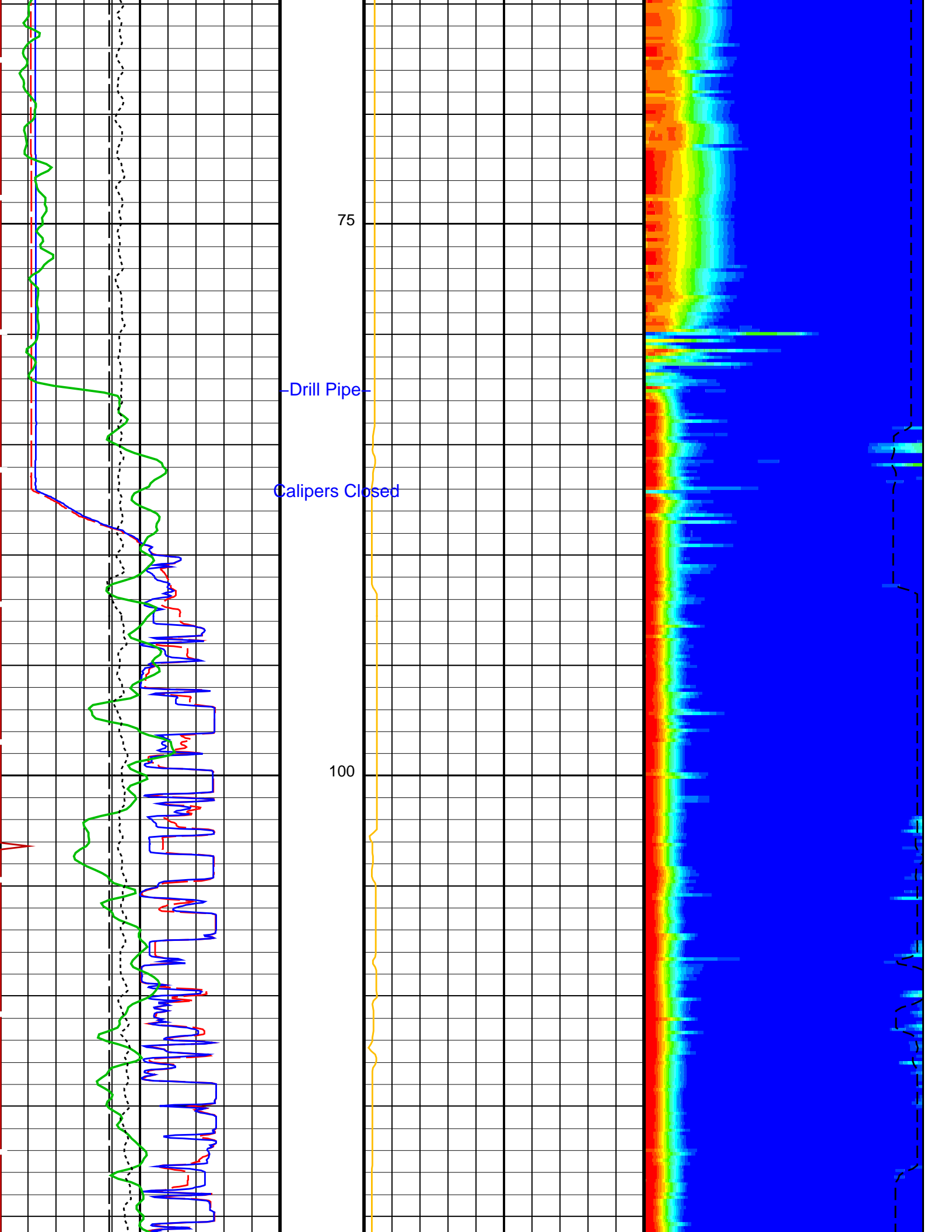


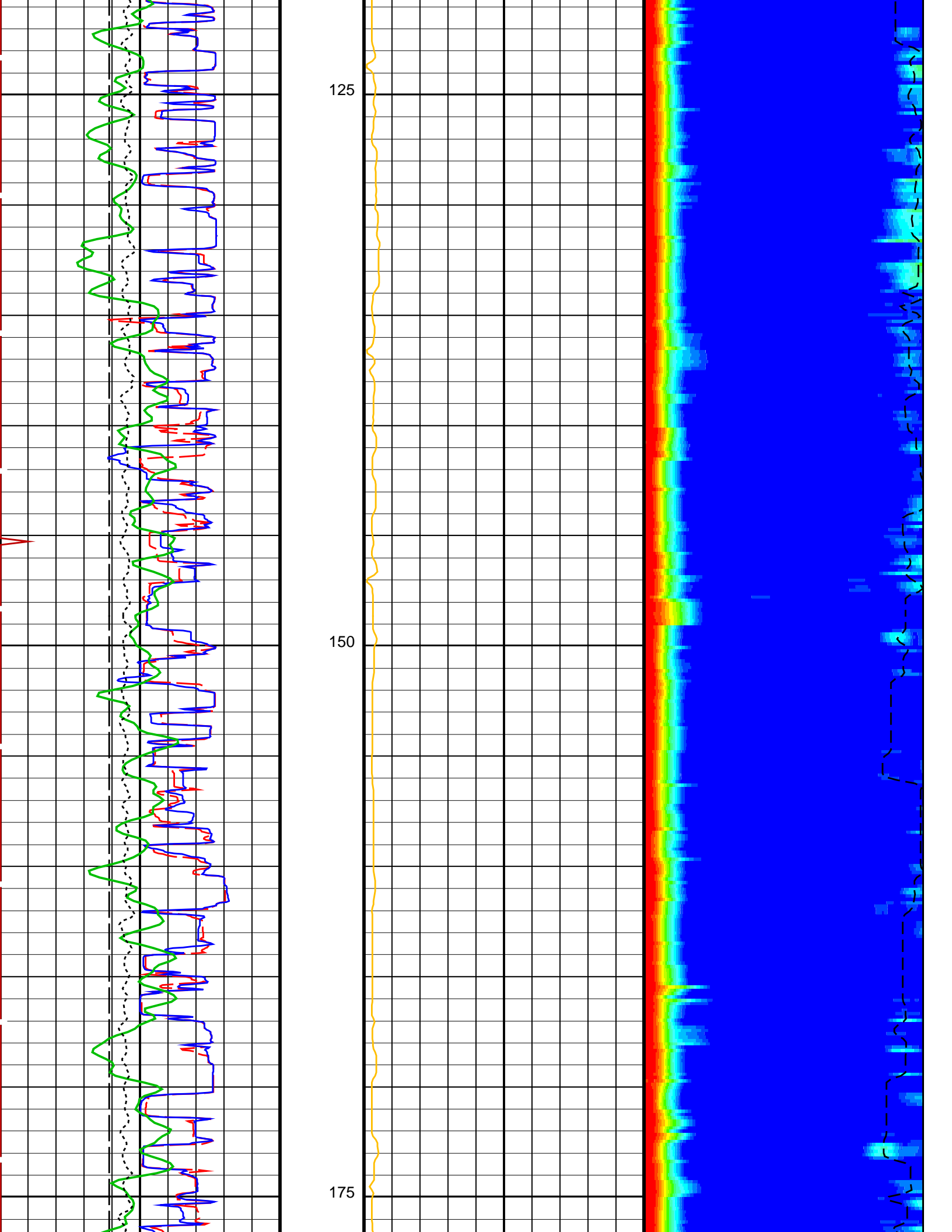


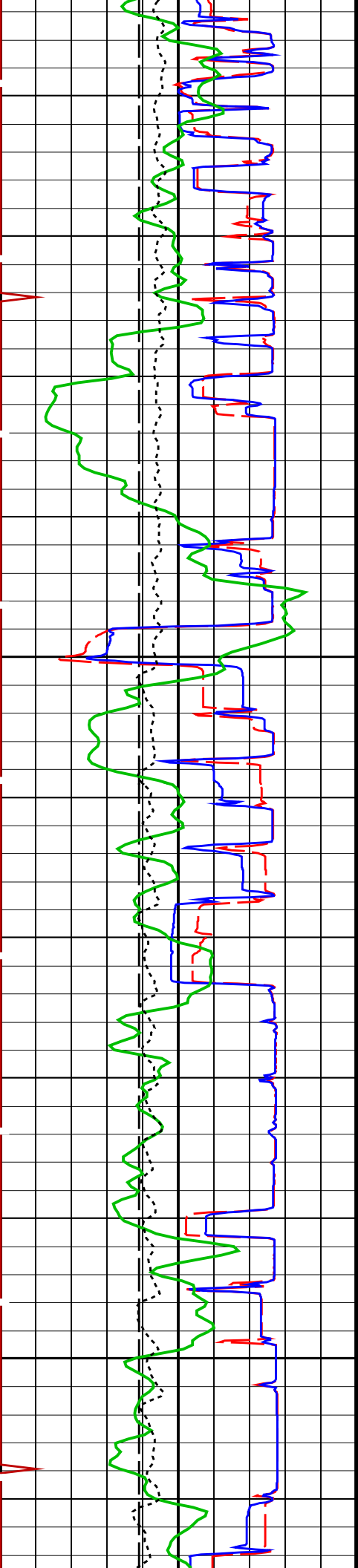
25

50



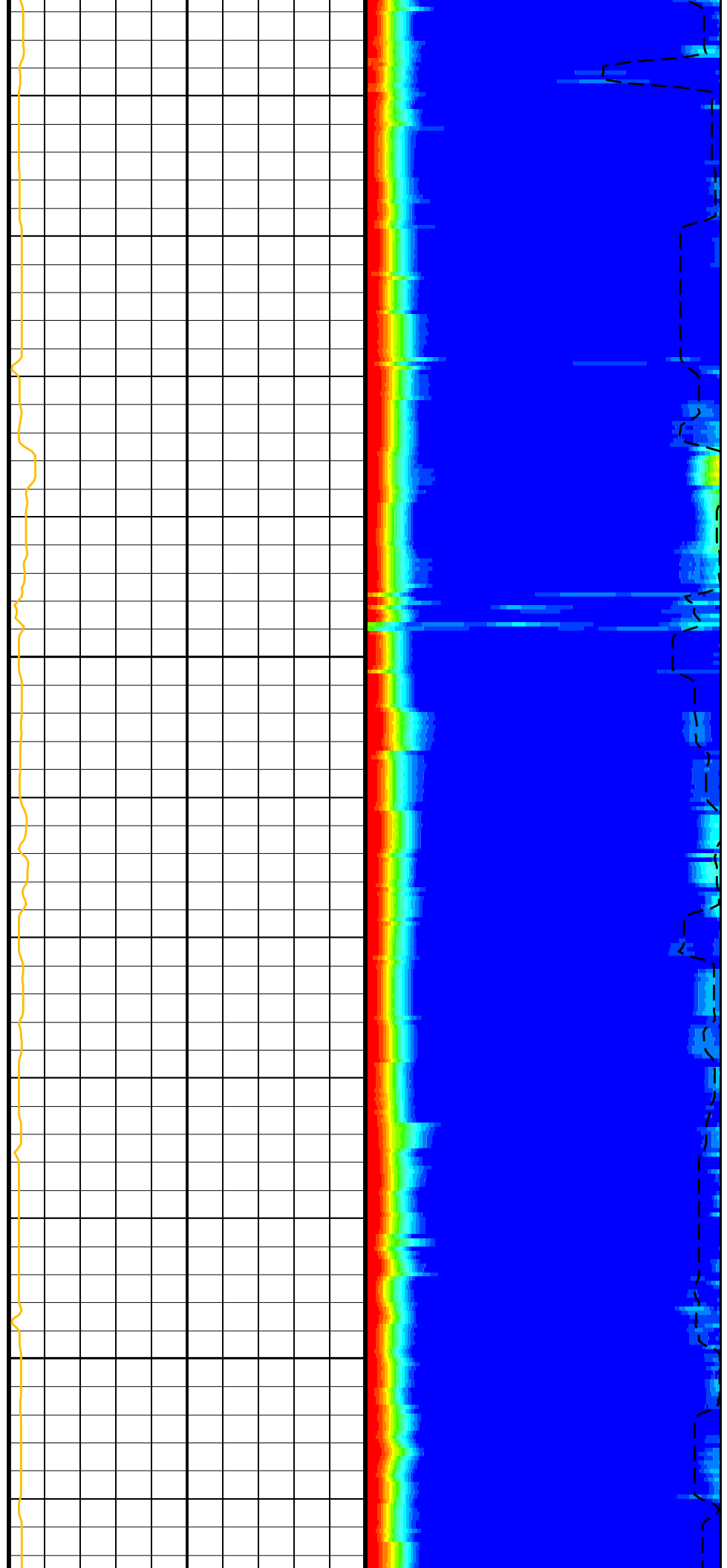


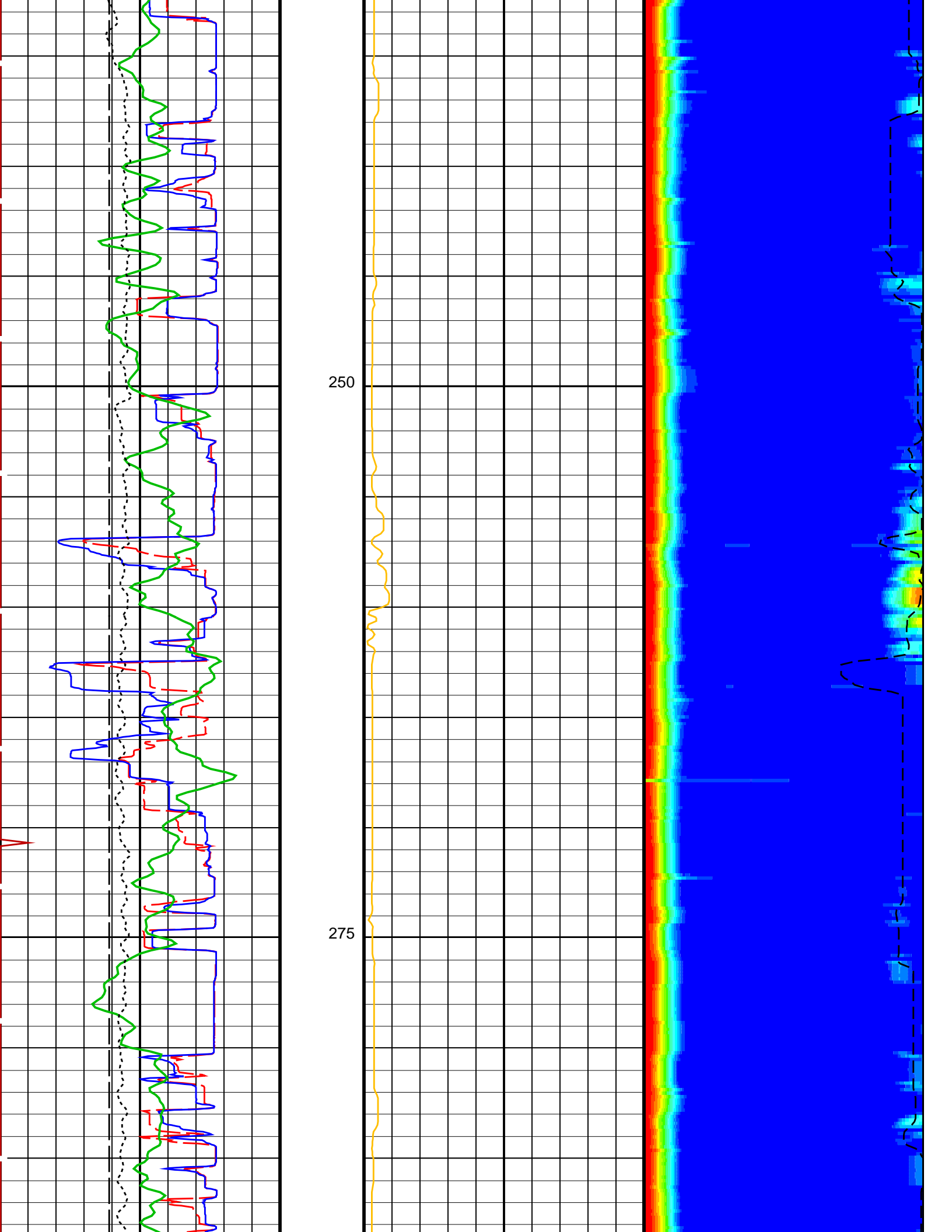


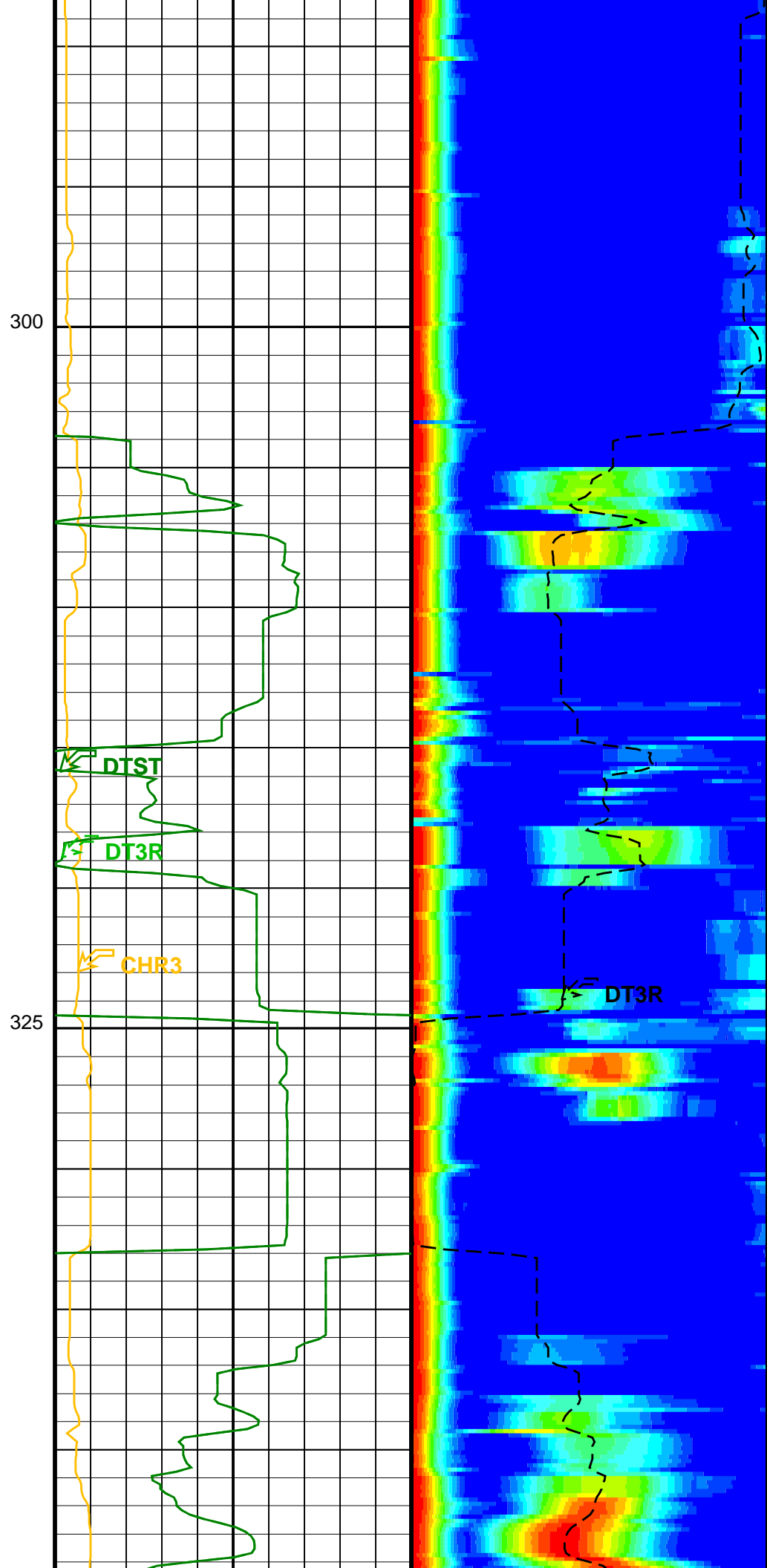
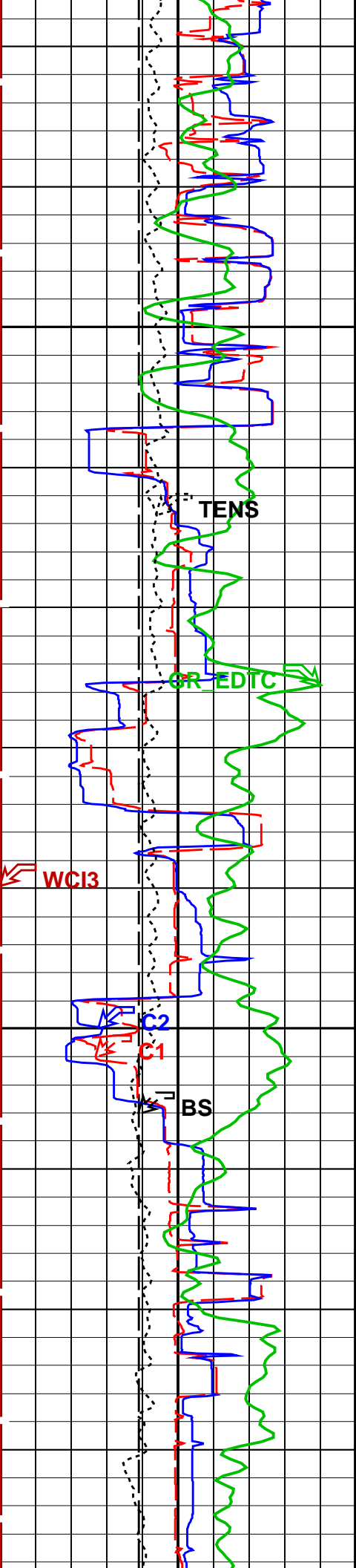


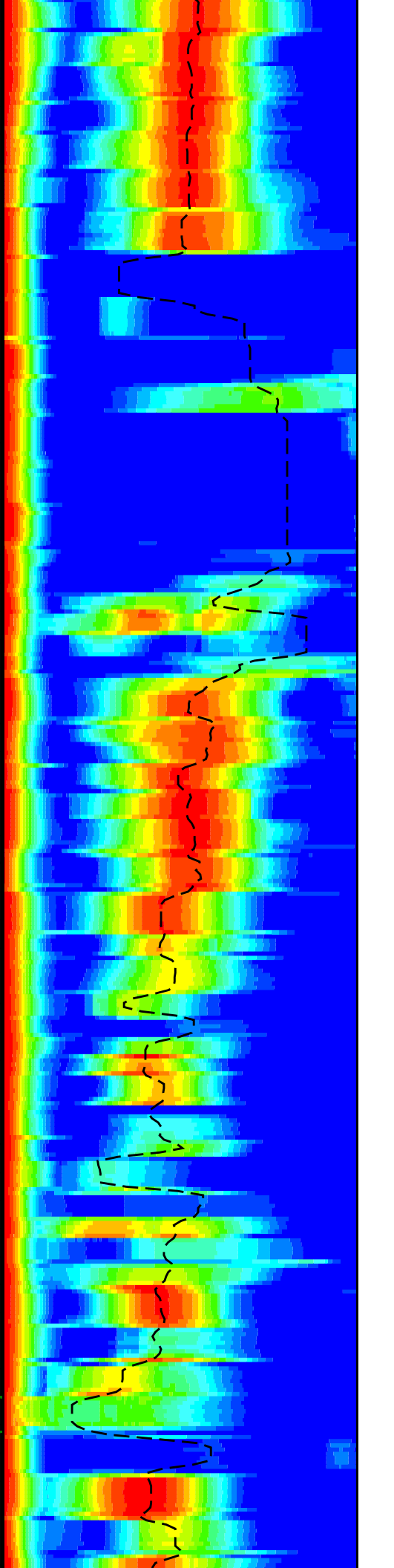
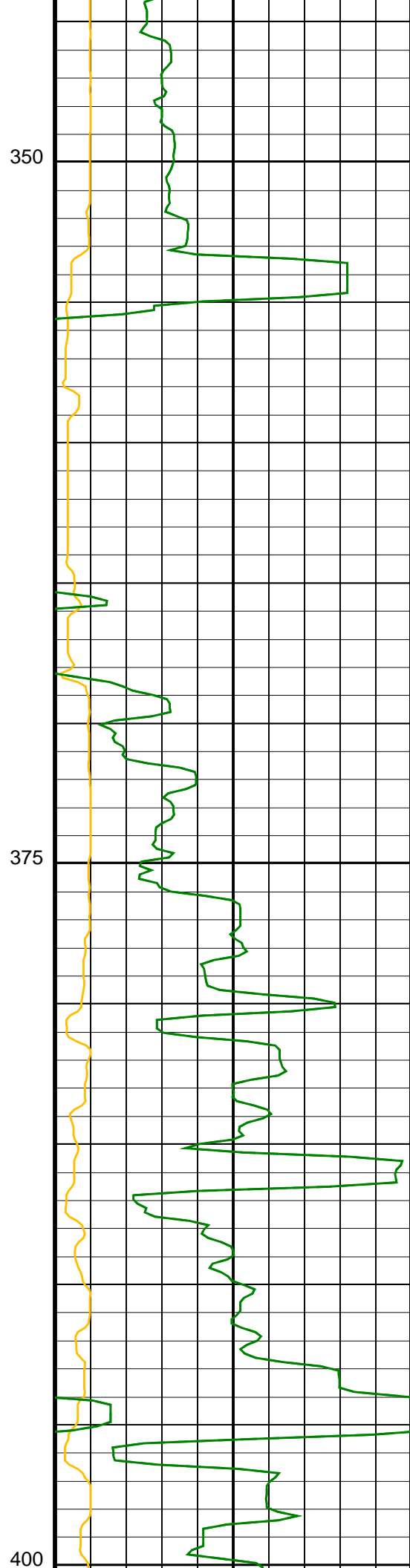
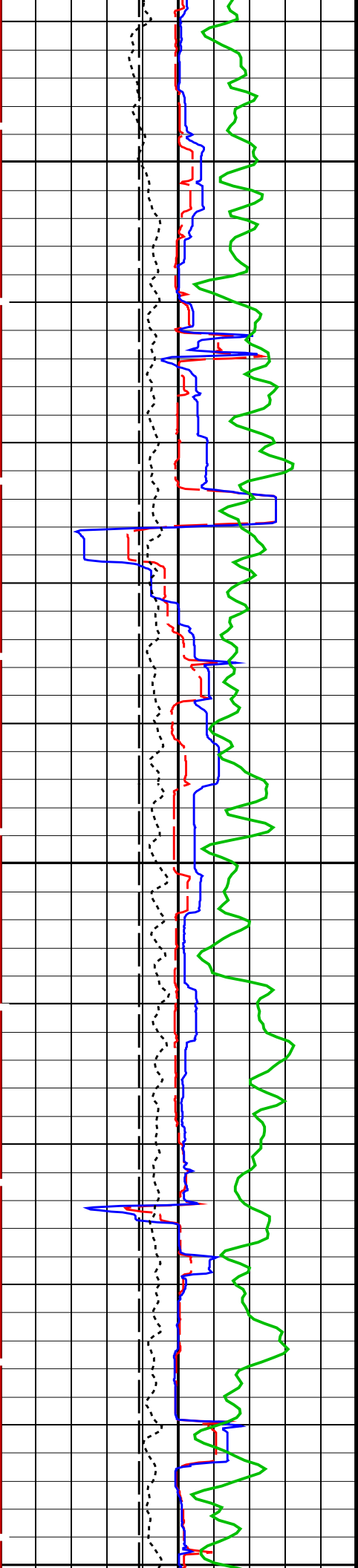
200

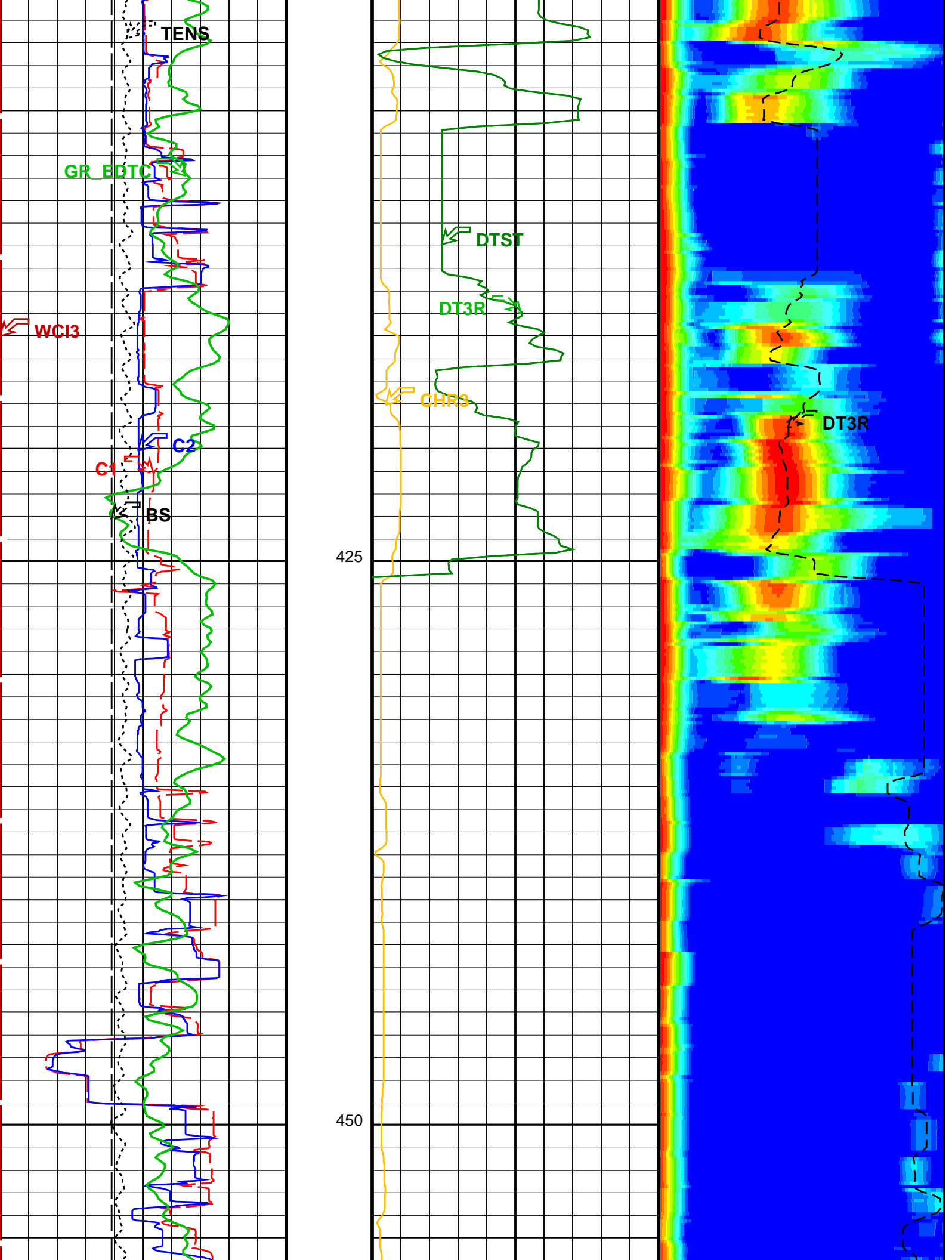
225

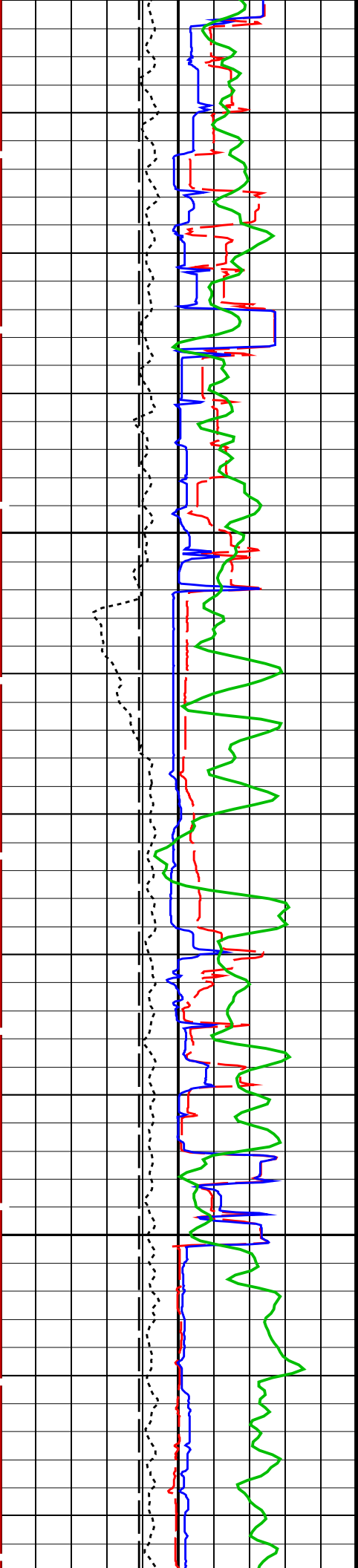






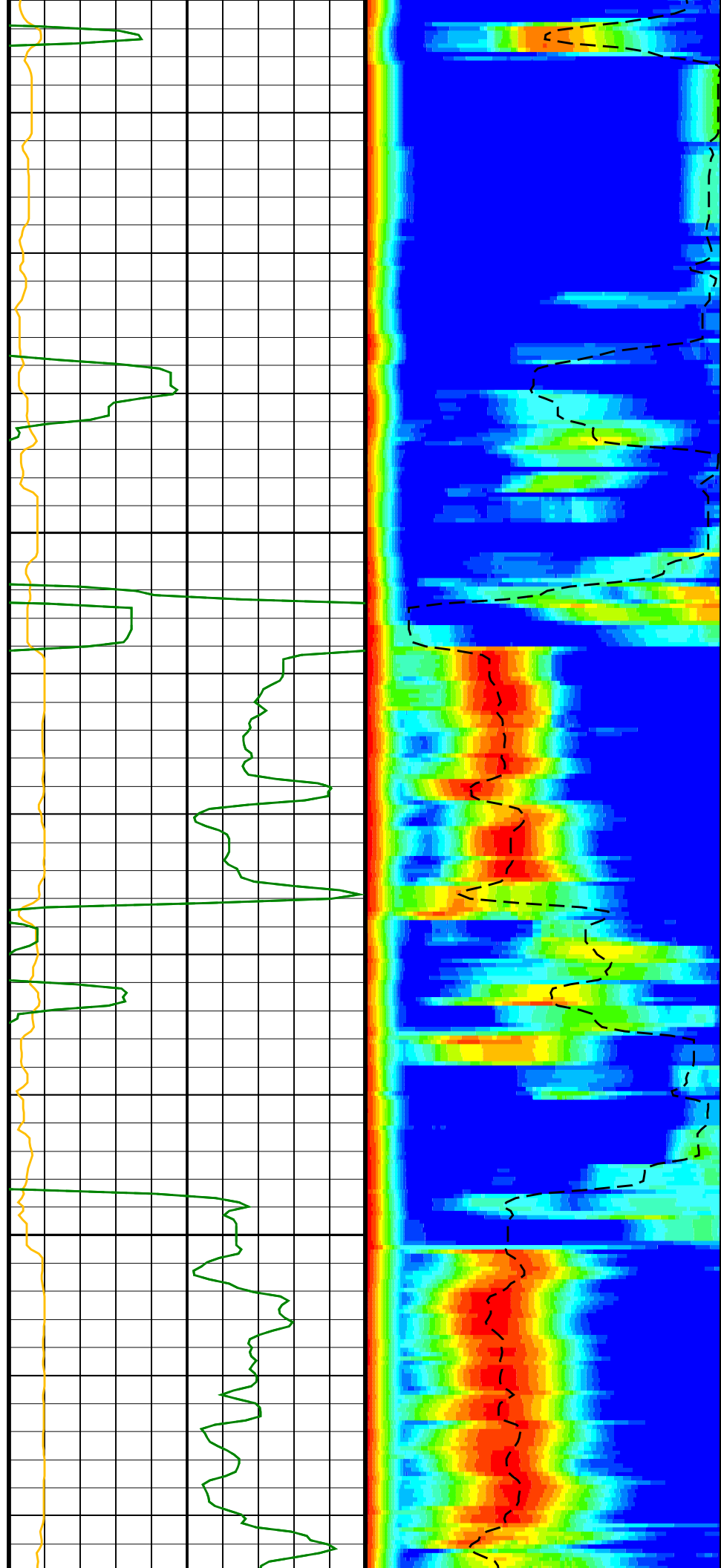


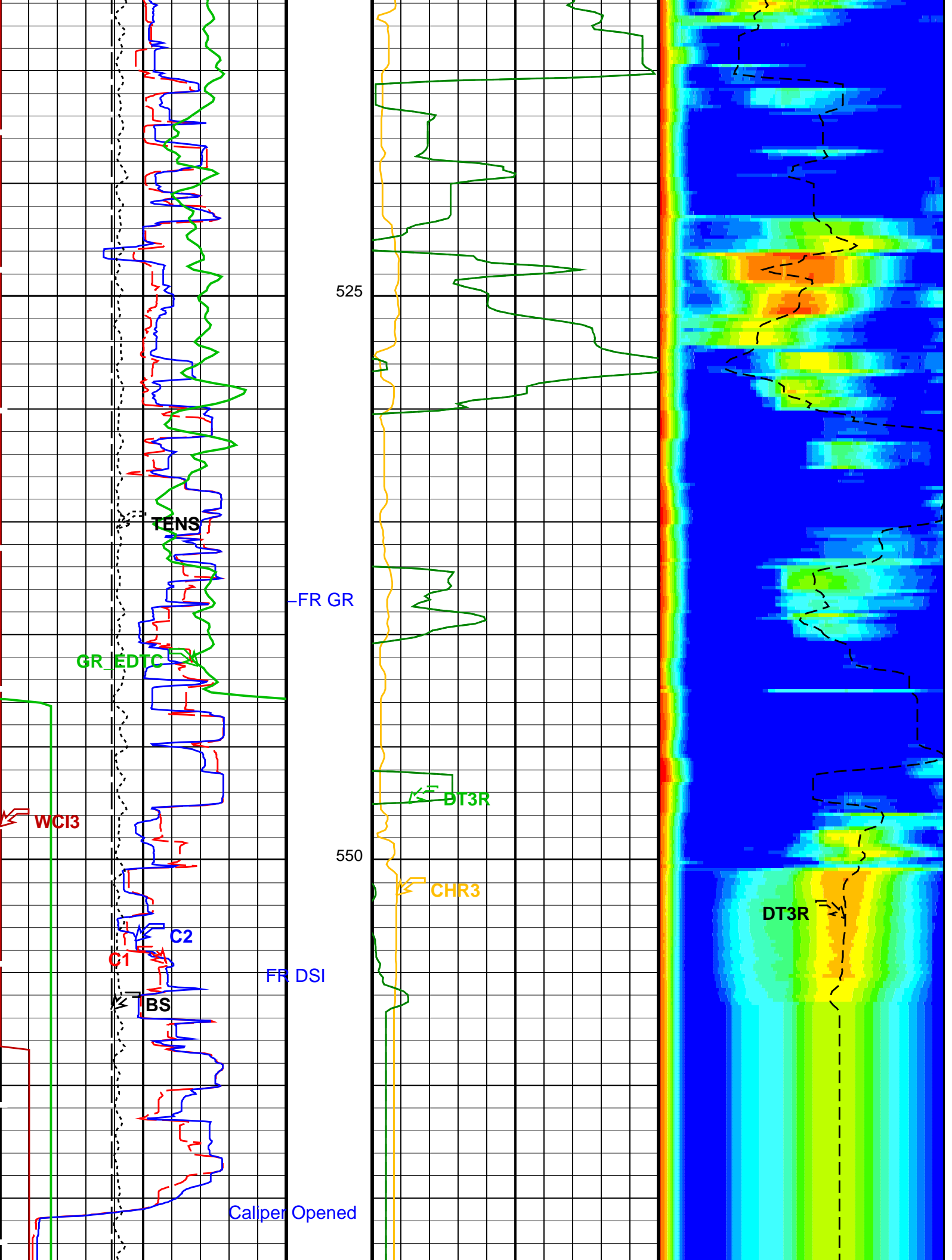




475

500



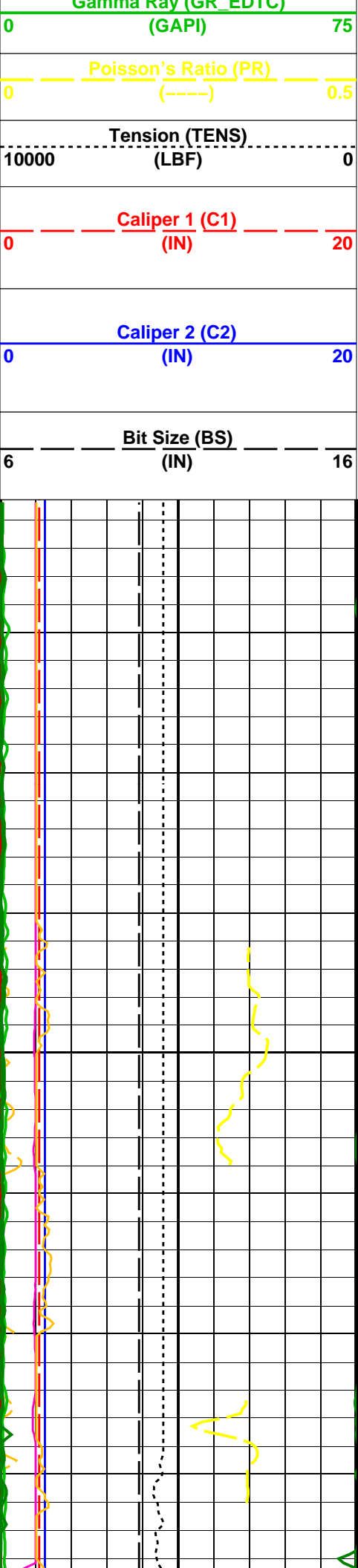


System and Miscellaneous		Bit Size		9.875		IN
BS		Depth Offset for Playback		0.0		M
DO		Playback Processing		RECOMPUTE		
PP						
Format: DSST_STONELEY_VDL_COLOR		Vertical Scale: 1:200		Graphics File Created: 06-Jul-2013 12:46		
OP System Version: 19C0-187						
MEST-B	19C0-187		DTA-A	8453		
DSST-B	19C0-187		HNGC-B	19C0-187		
HNGS-BA	19C0-187		EDTC-B	SKK-5169-EDTCB		
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_079PUP	FN:103	PRODUCER	23-Jun-2013 14:38	573.0 M	-44.8 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_124PUP	FN:148	PRODUCER	06-Jul-2013 12:46		

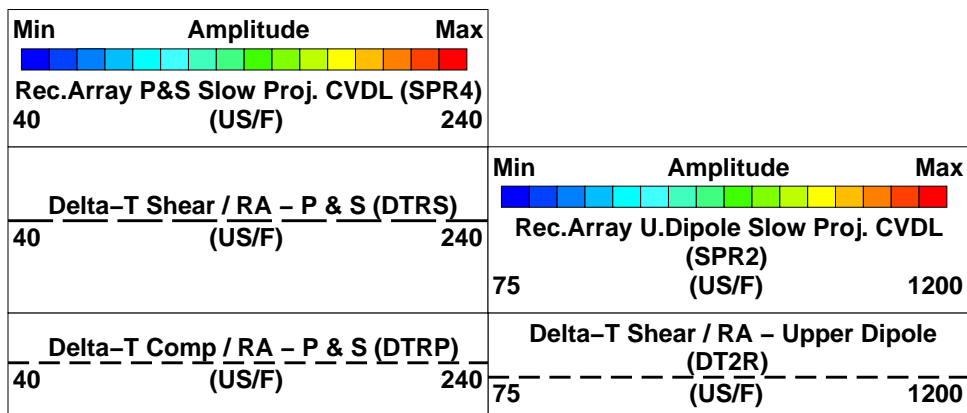
Company: Lamont Doherty Earth Observatory				Well: Expedition 341, Site U1417E		
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_059PUP	FN:84	PRODUCER	23-Jun-2013 11:22	4773.2 M	4155.2 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_079PUP	FN:103	PRODUCER	23-Jun-2013 14:38	573.0 M	-44.8 M
OP System Version: 19C0-187						
MEST-B	19C0-187		DTA-A	8453		
DSST-B	19C0-187		HNGC-B	19C0-187		
HNGS-BA	19C0-187		EDTC-B	SKK-5169-EDTCB		
Changed Parameter Summary						
DLIS Name	New Value		Previous Value		Depth & Time	
GCSE	BS		C1		573.0 14:38:48	

PIP SUMMARY						
 Time Mark Every 60 S						

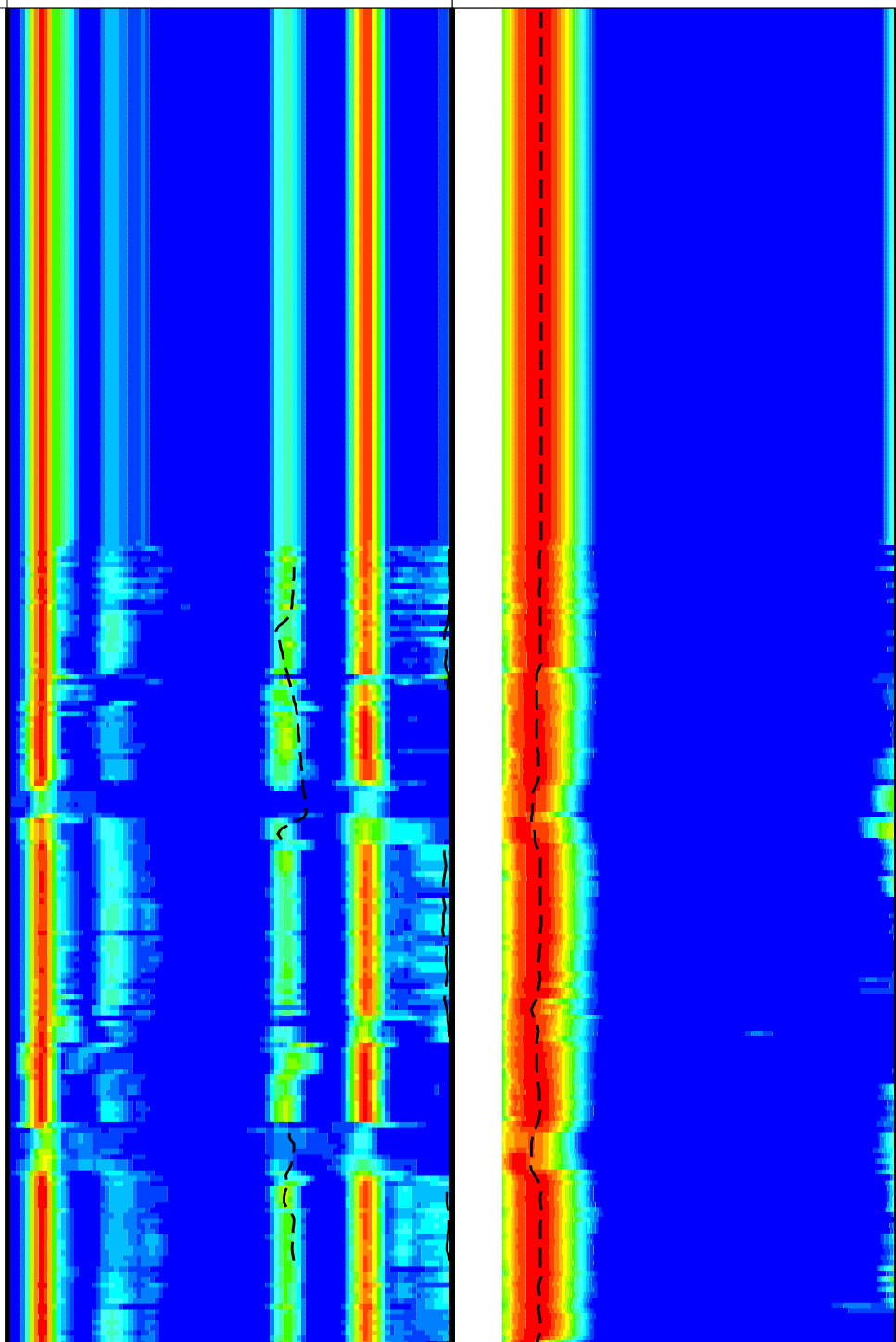
HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	75
Waveform Data Copy Indicator 4 - Monopole P&S (WCI4)		
0	(----)	10
Peak Coherence / RA - P & S Shear (CHRS)		
-1	(----)	9
Peak Coherence / RA - P & S Comp (CHRP)		
0	(----)	10
Peak Coherence / RA - Upper Dipole (CHR2)		
0	(----)	10
HNGS Computed Gamma Ray (HCGR)		
0	(GAPI)	75
Gamma Ray (GR - EDTC)		

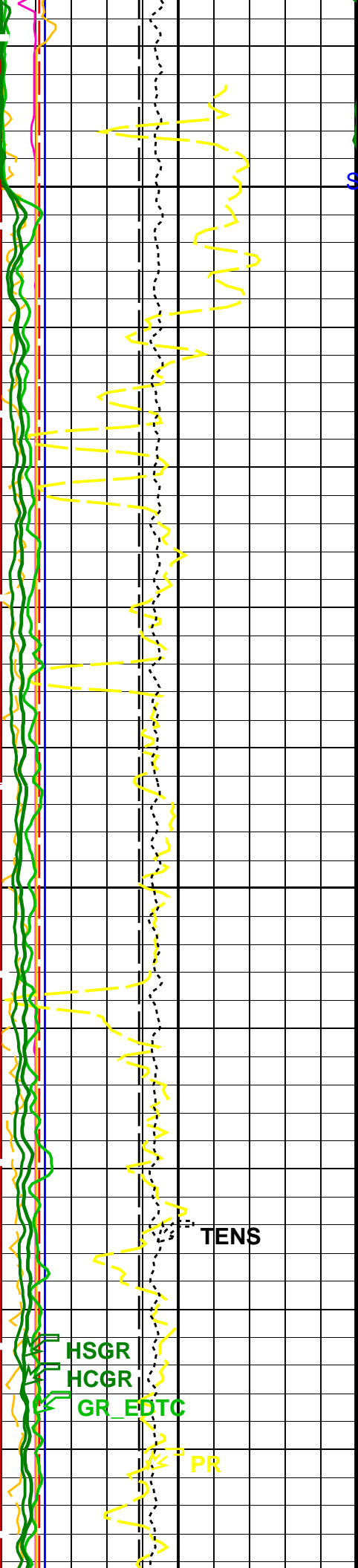


1st Pass, Sea Floor Depth Reference



-25





Sea Floor

25

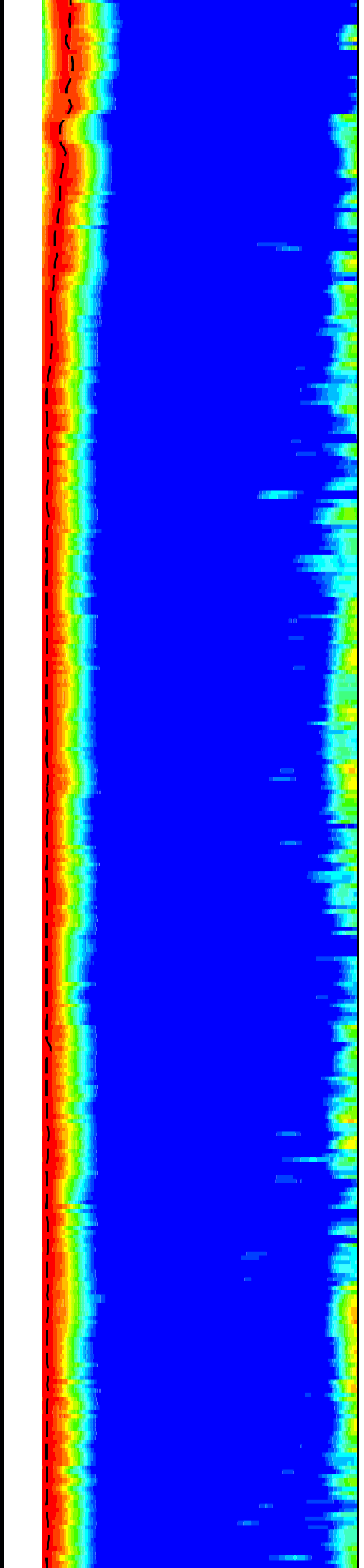
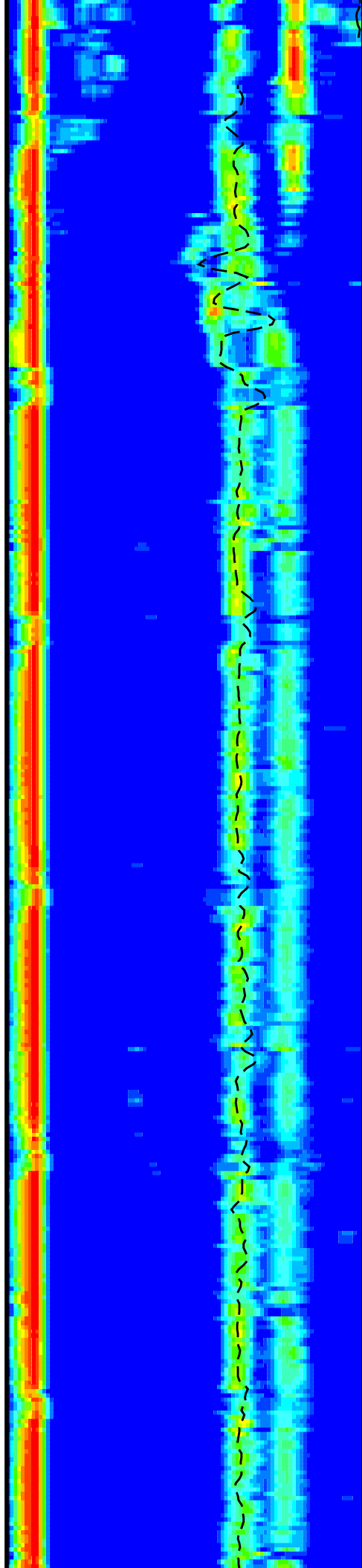
TENS

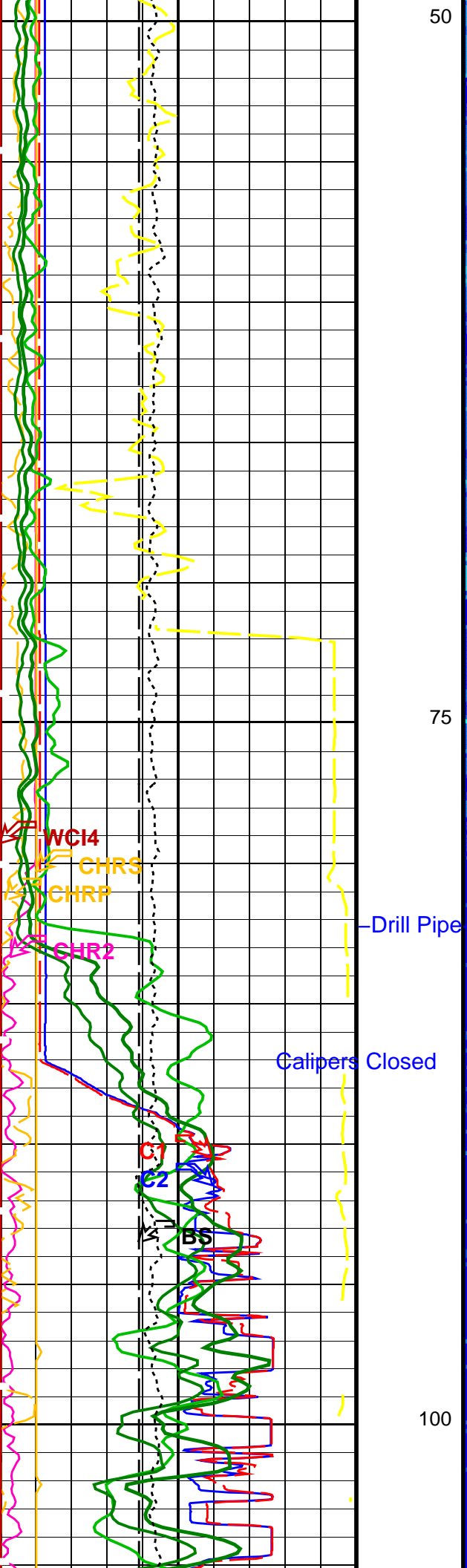
HSGR

HCGR

GR_EDTC

PR

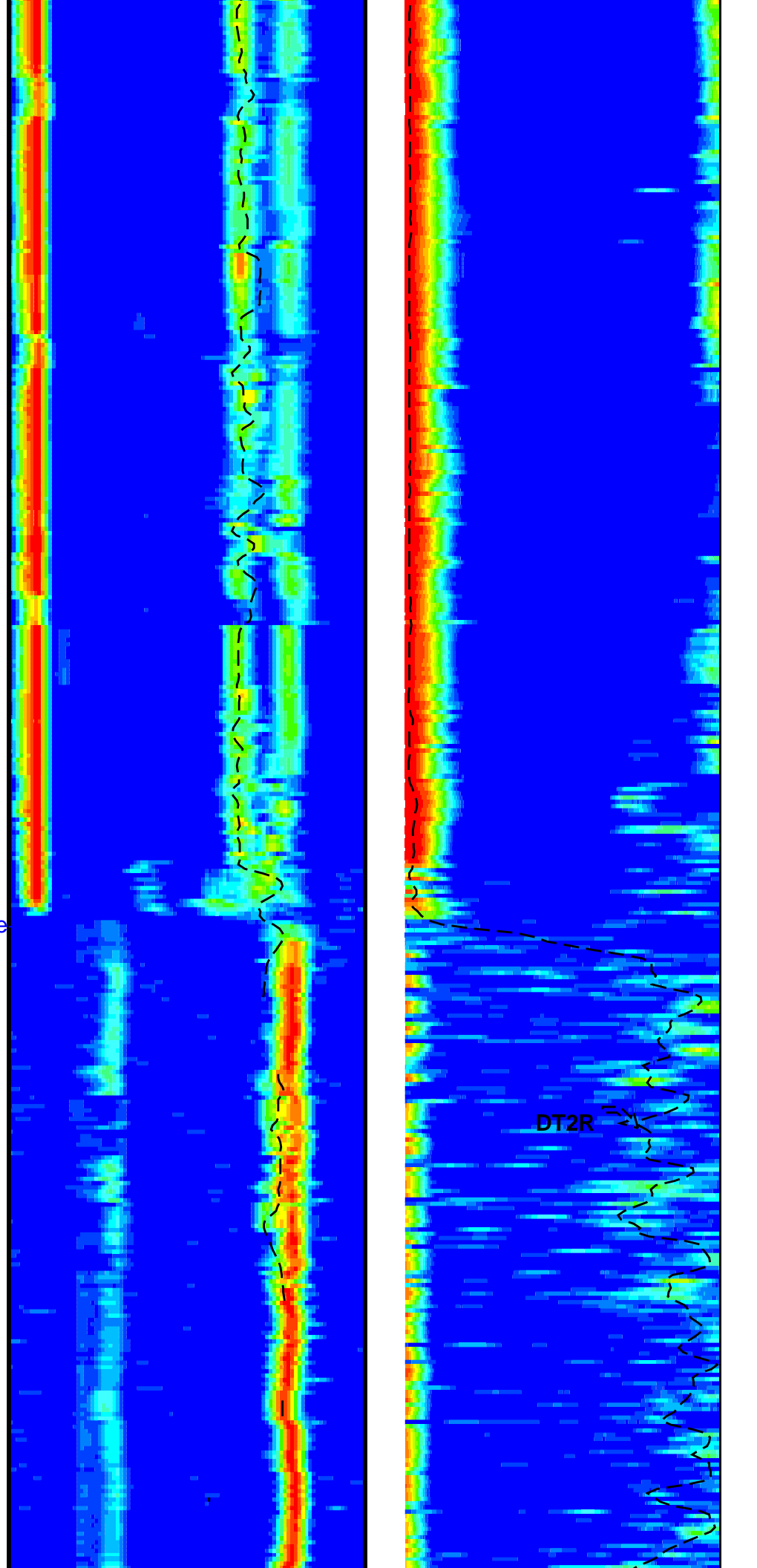




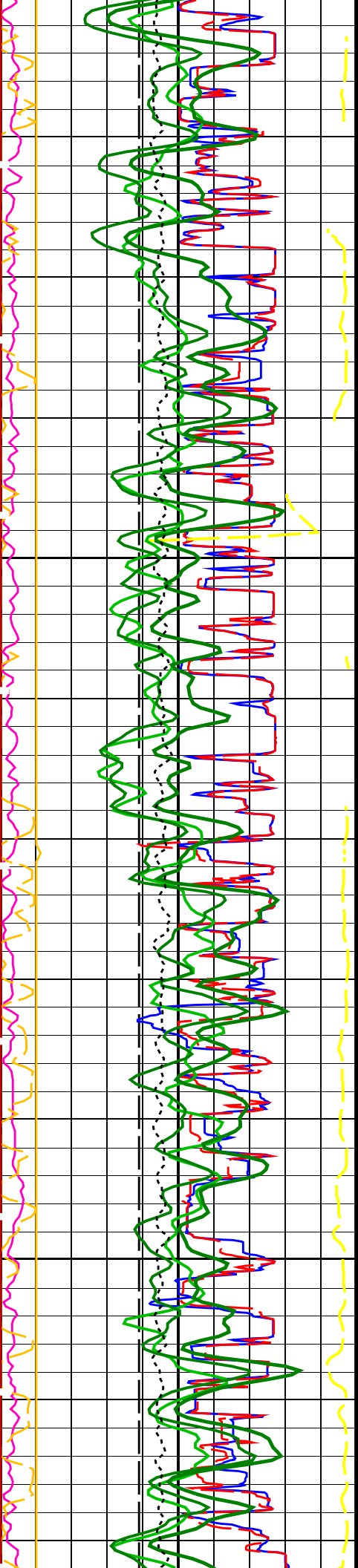
50

75

100

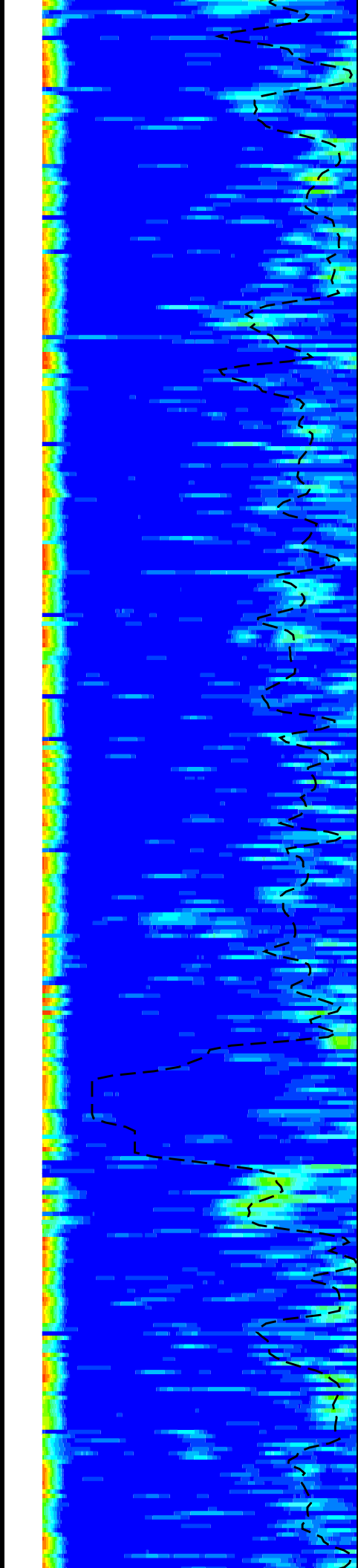
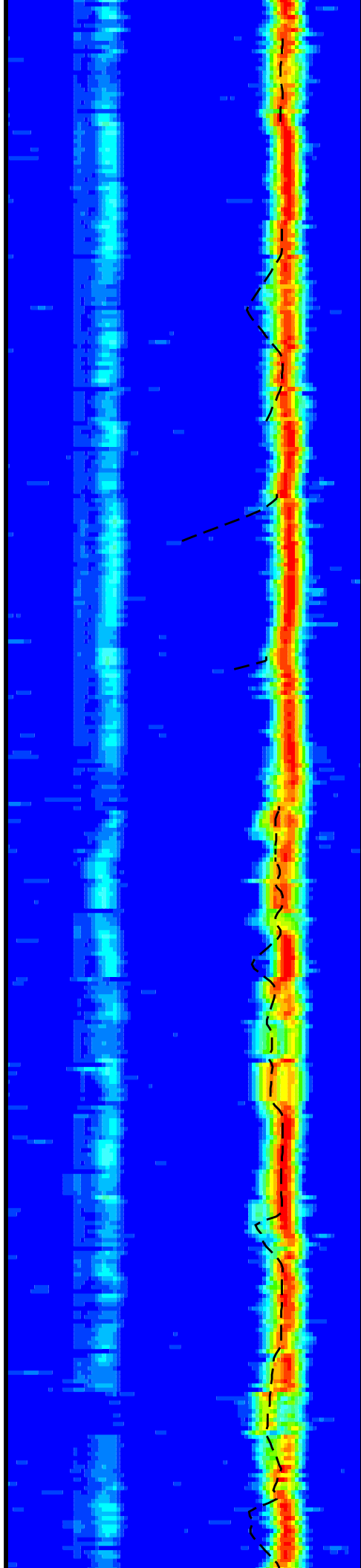


DT2R



125

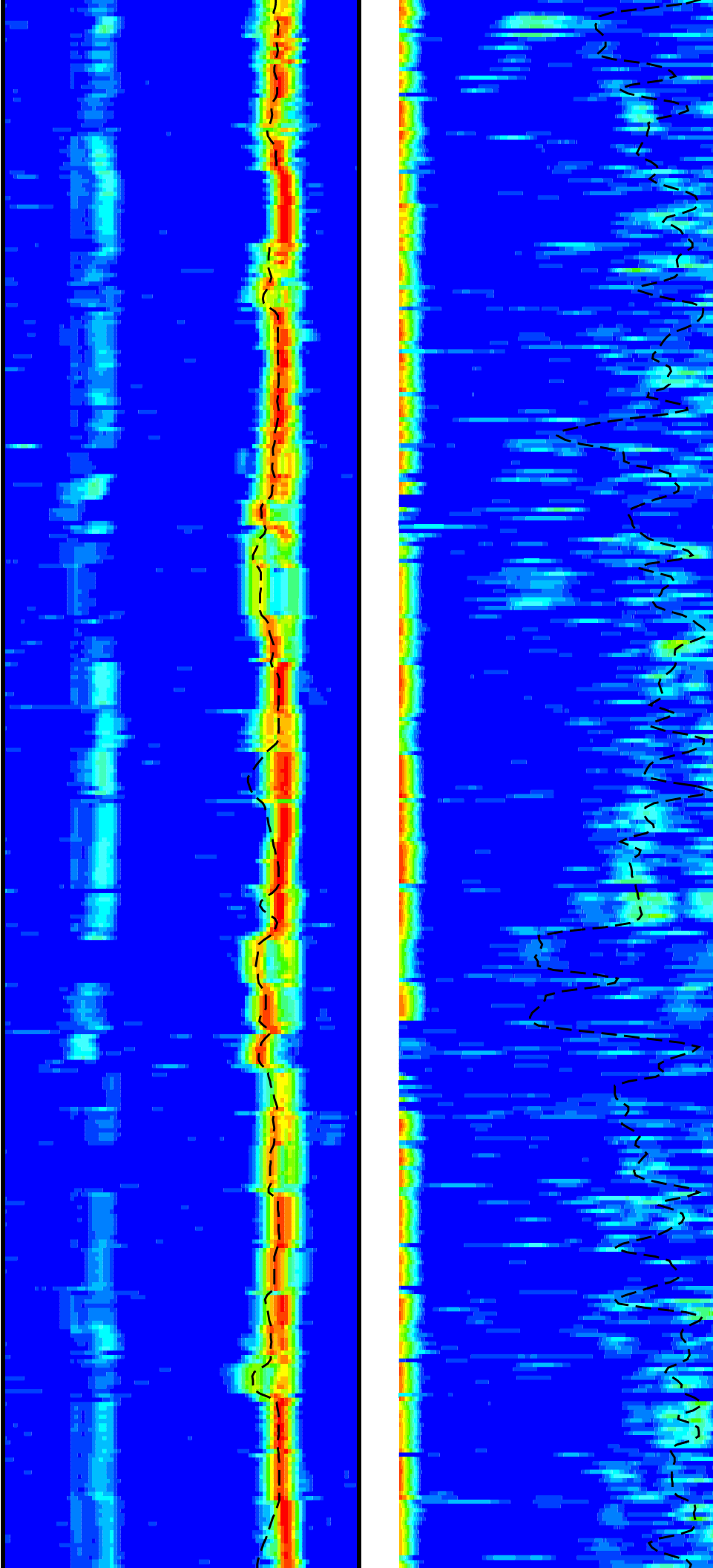
150

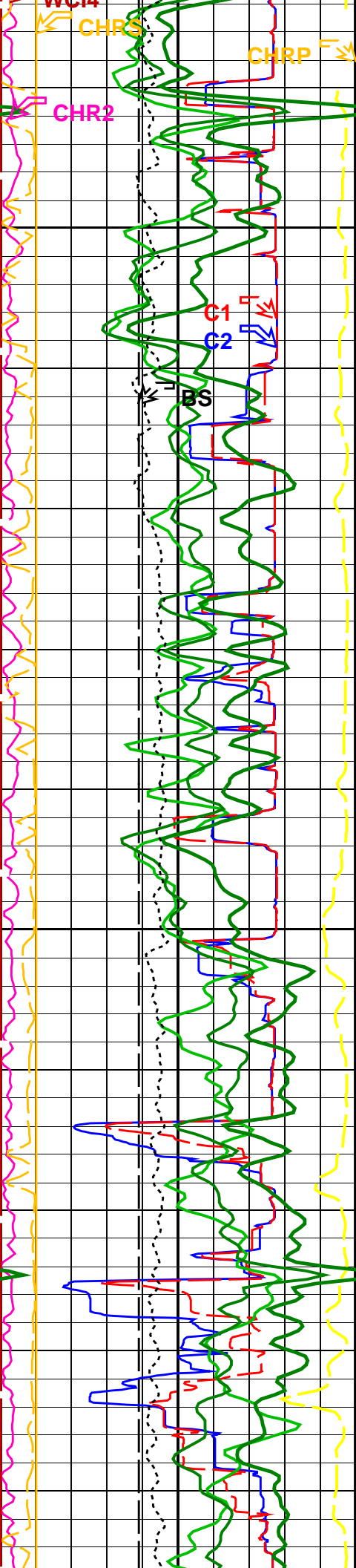




175

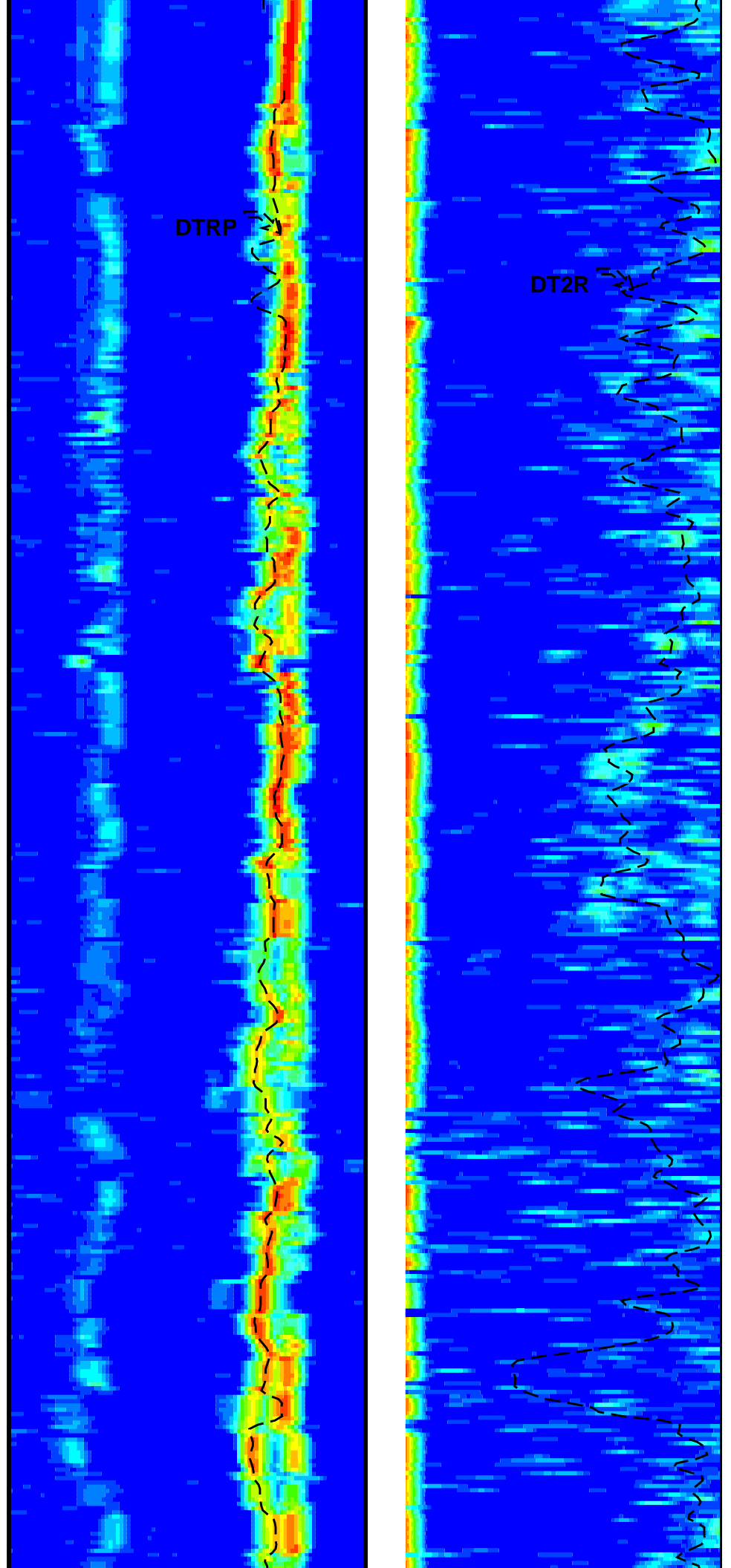
200

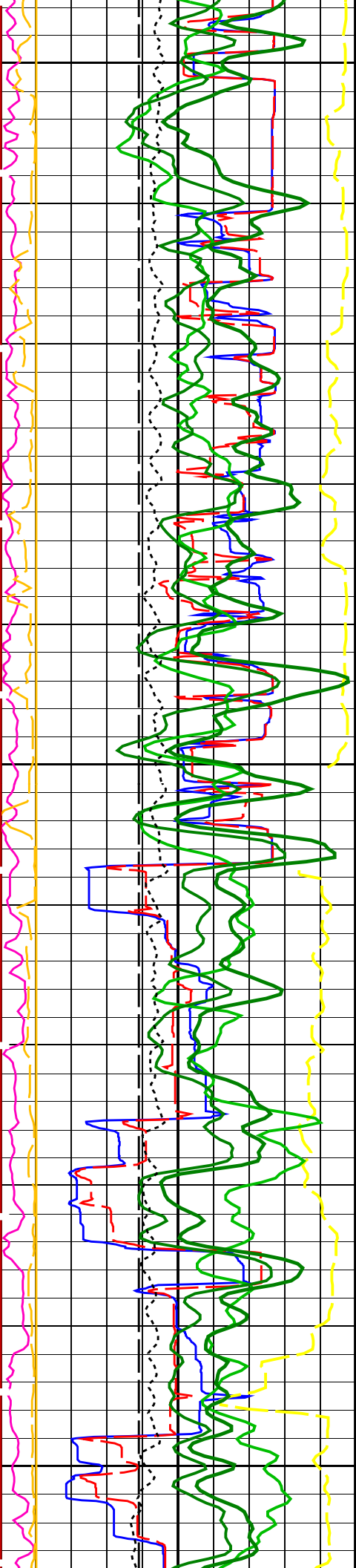




225

250

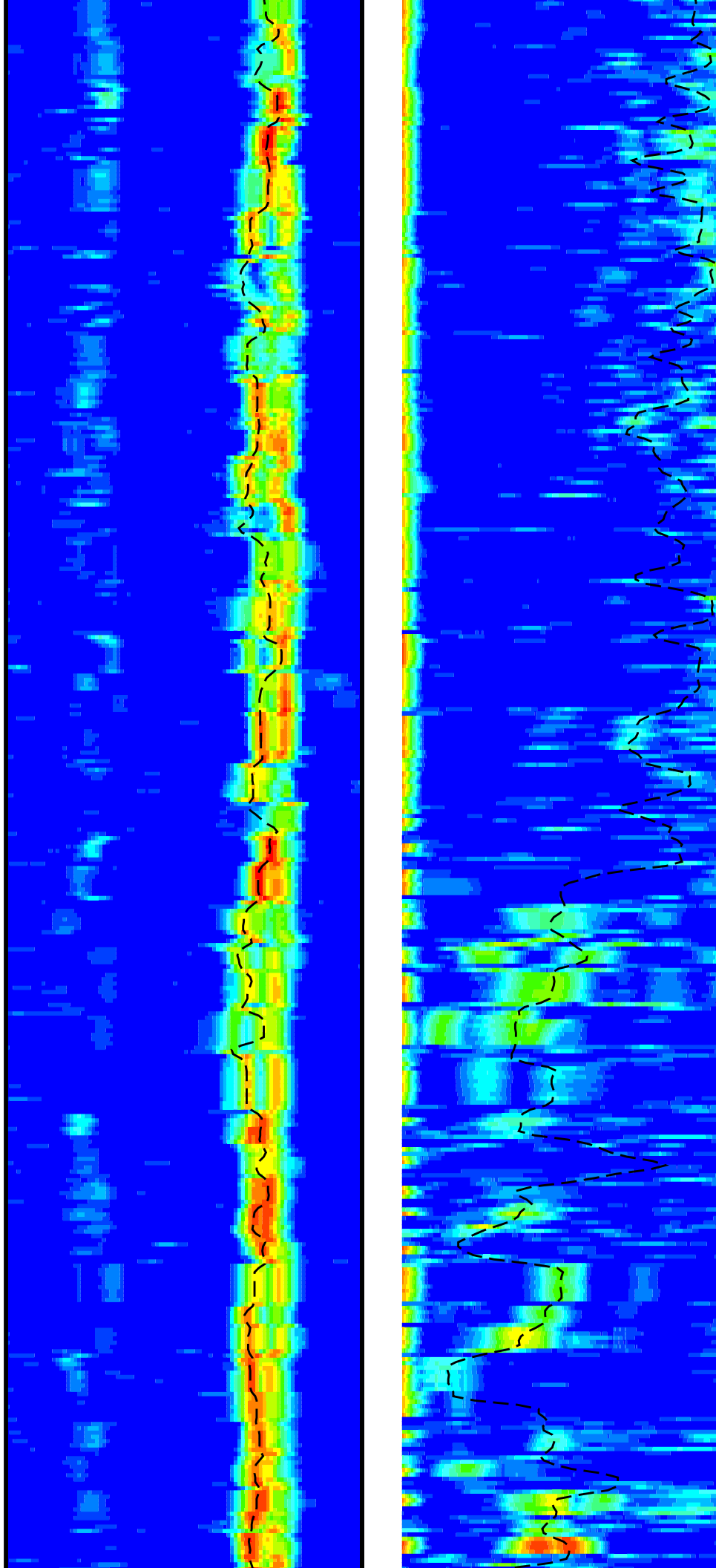


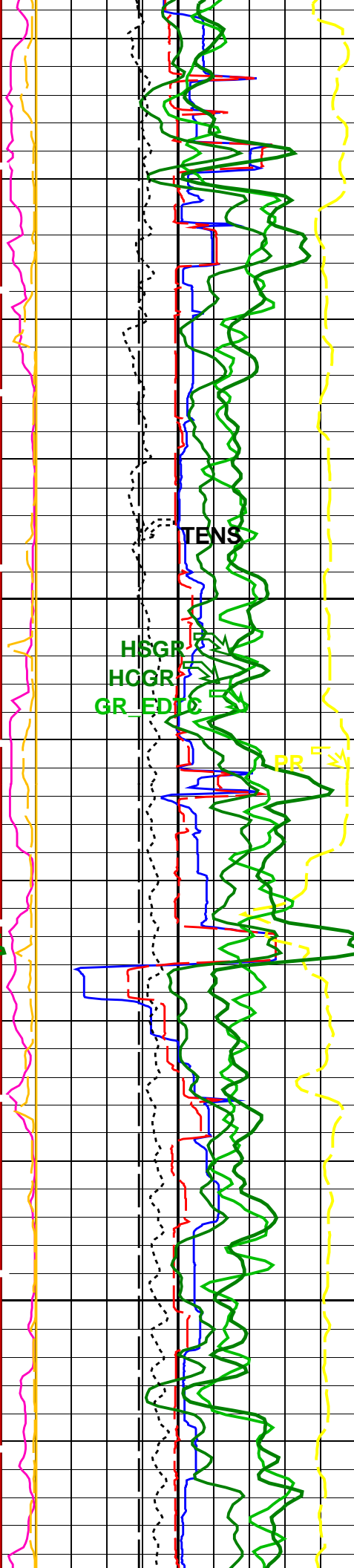


275

300

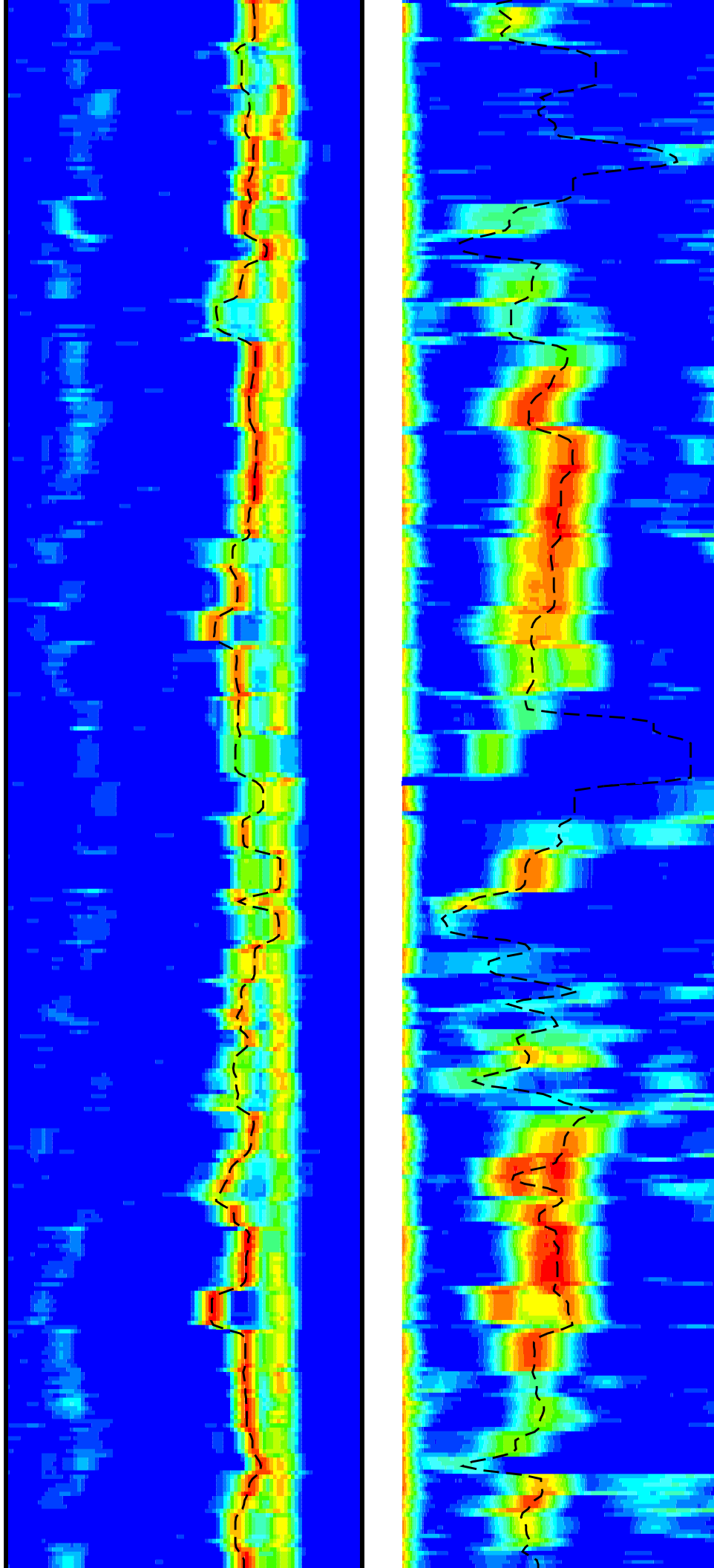
325

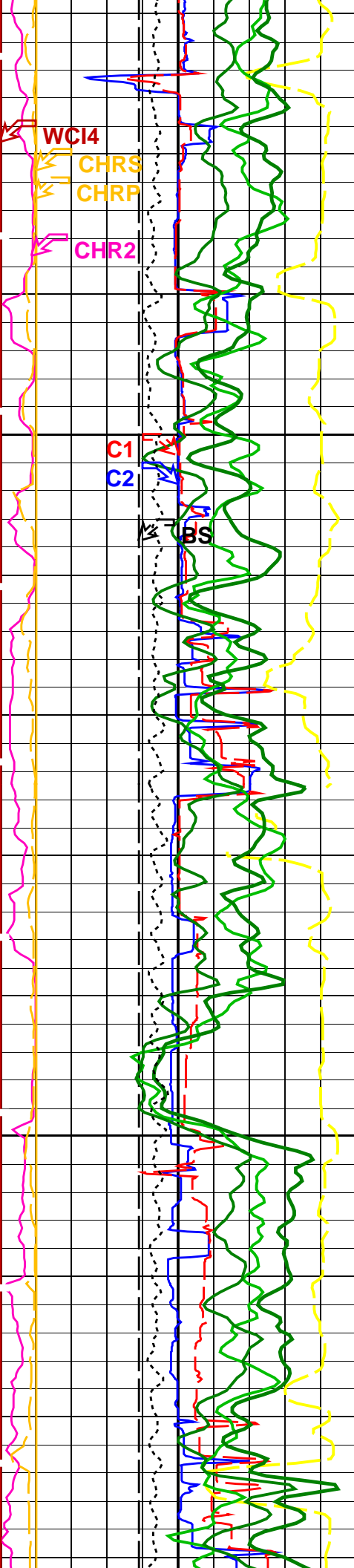




350

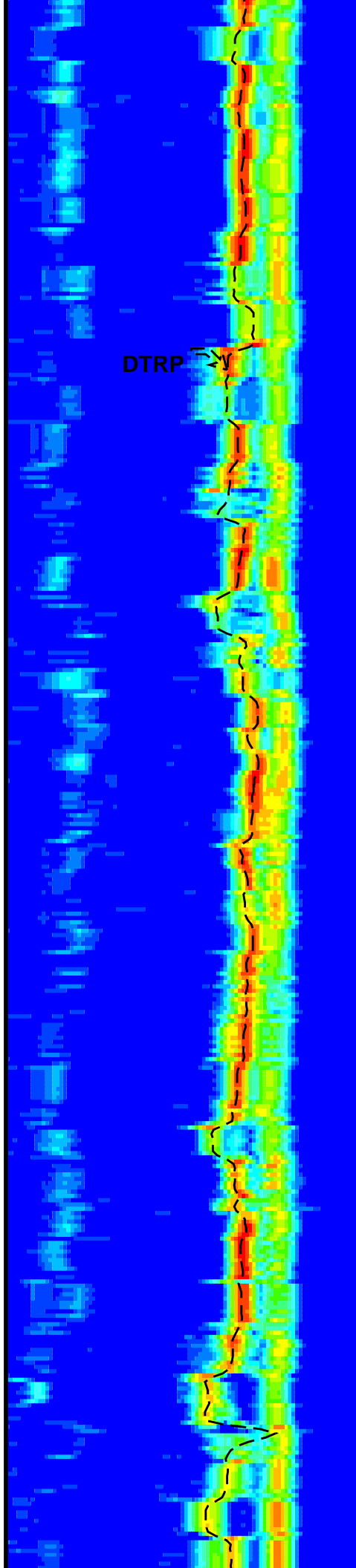
375



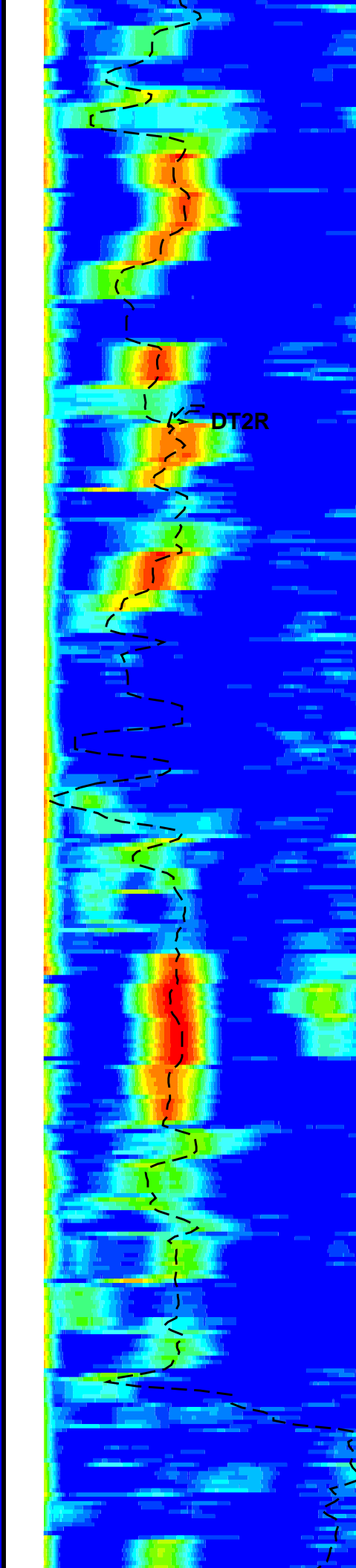


400

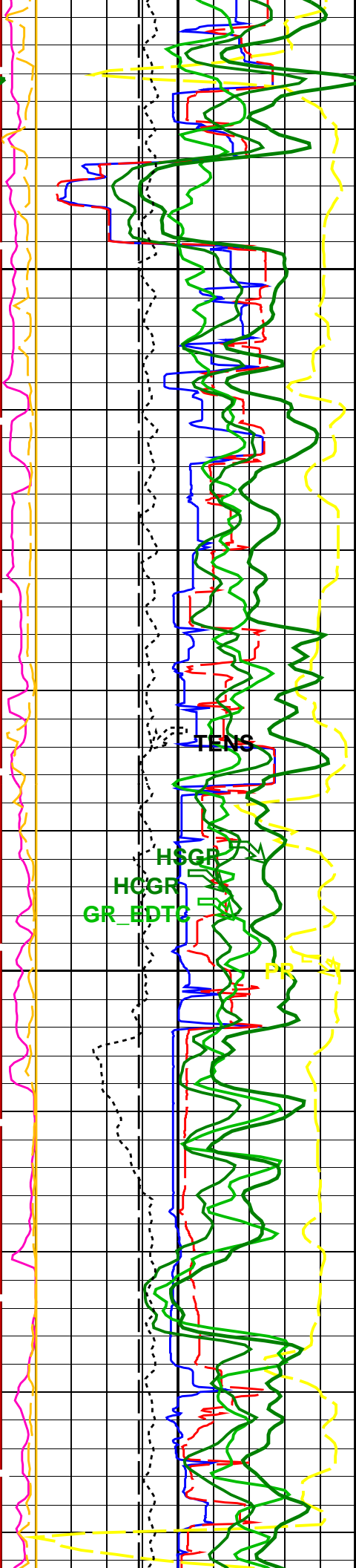
425



DTRP

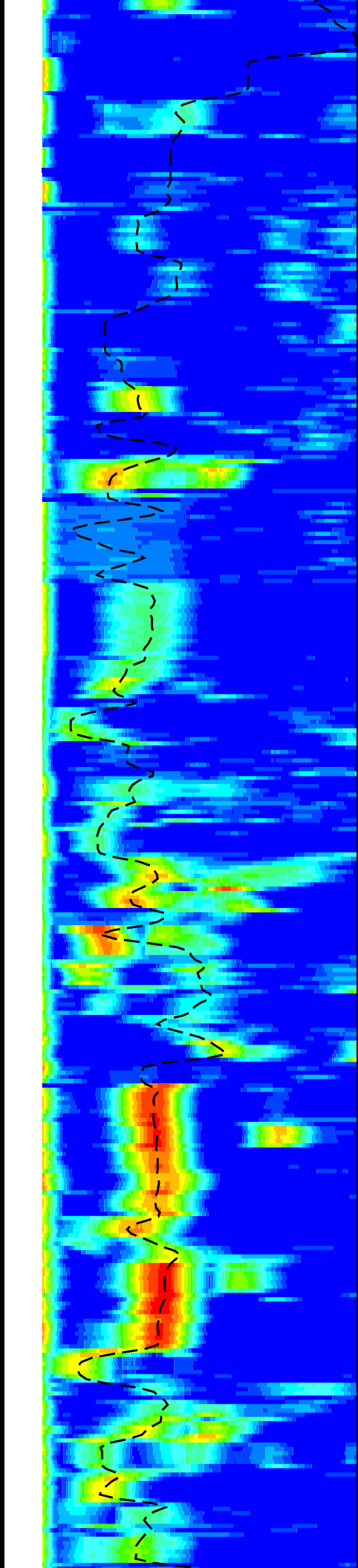
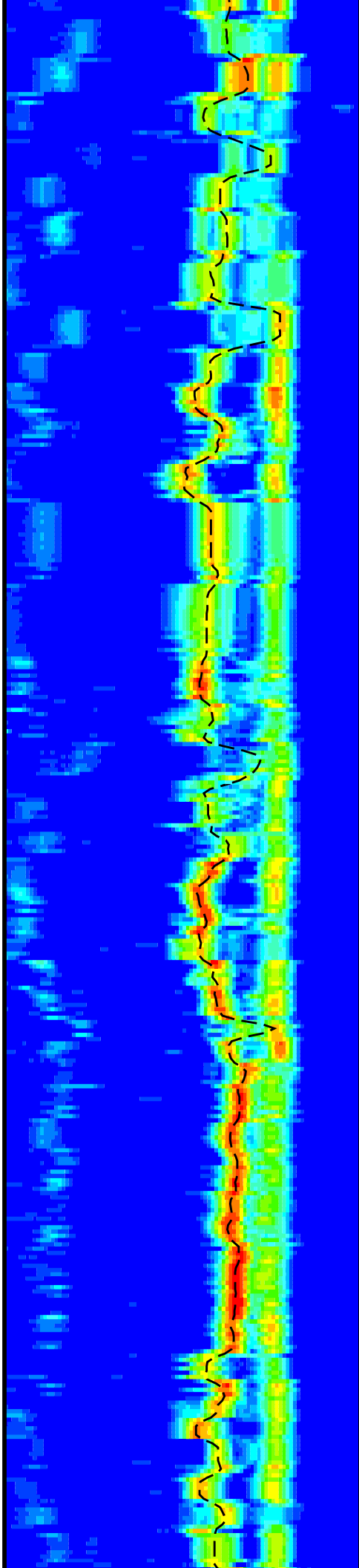


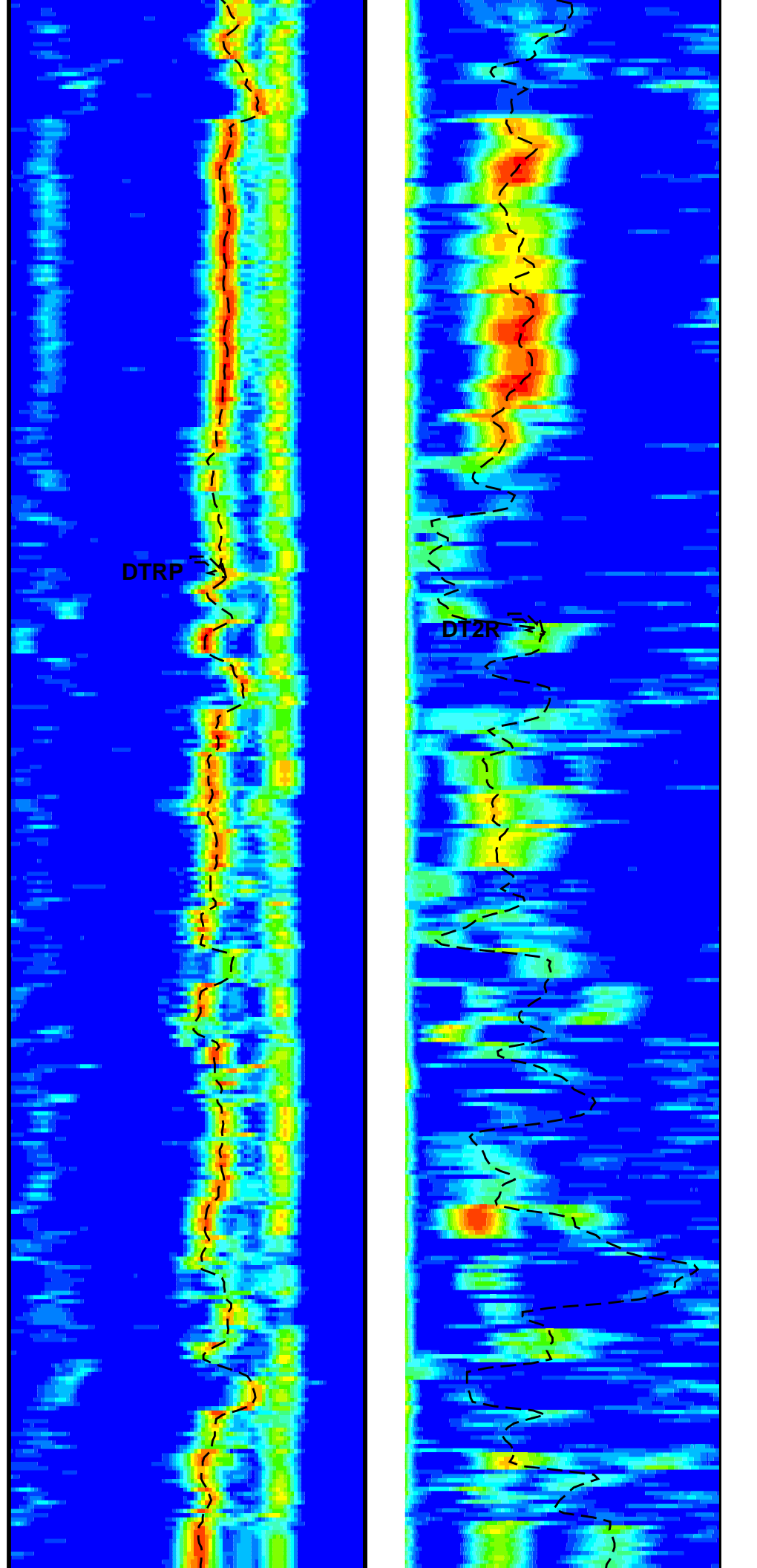
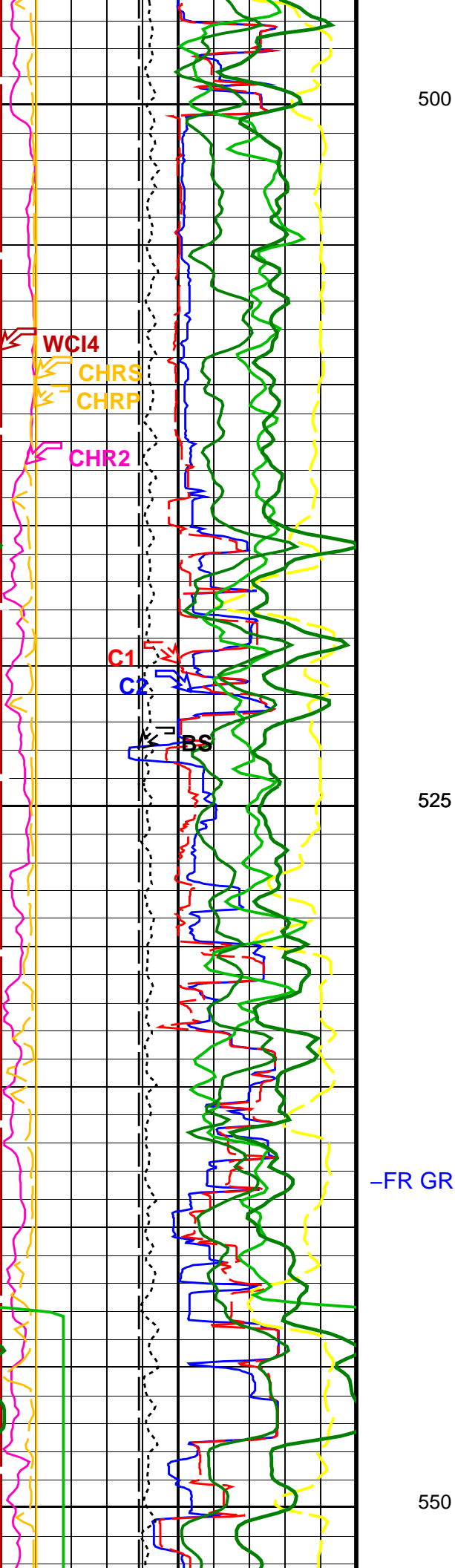
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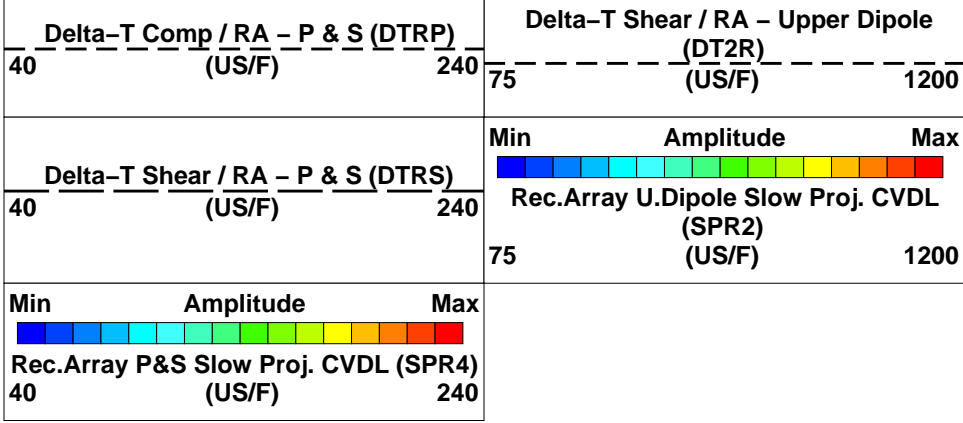
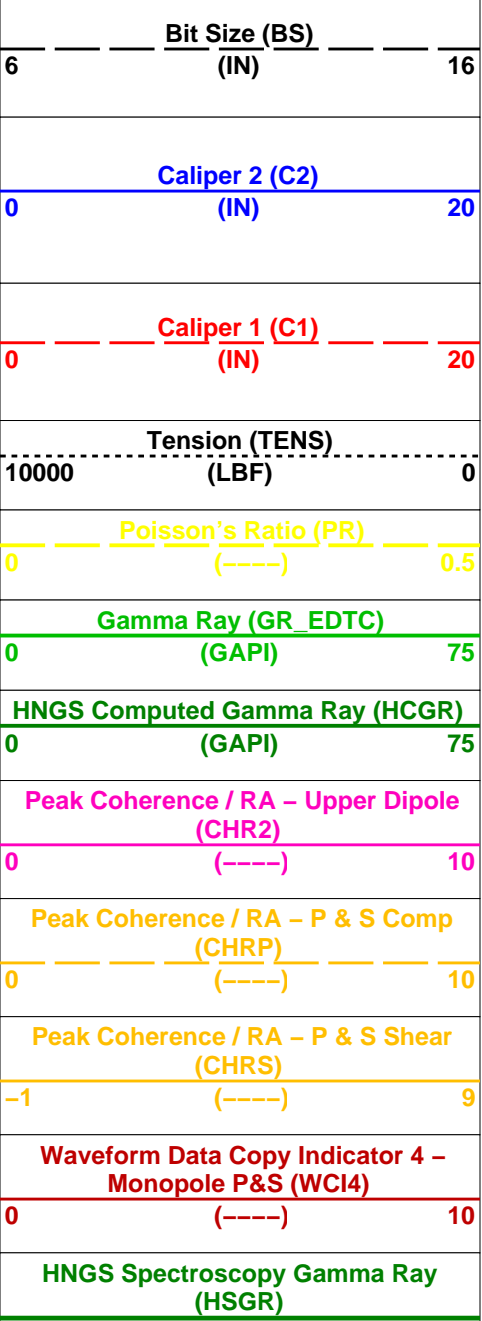
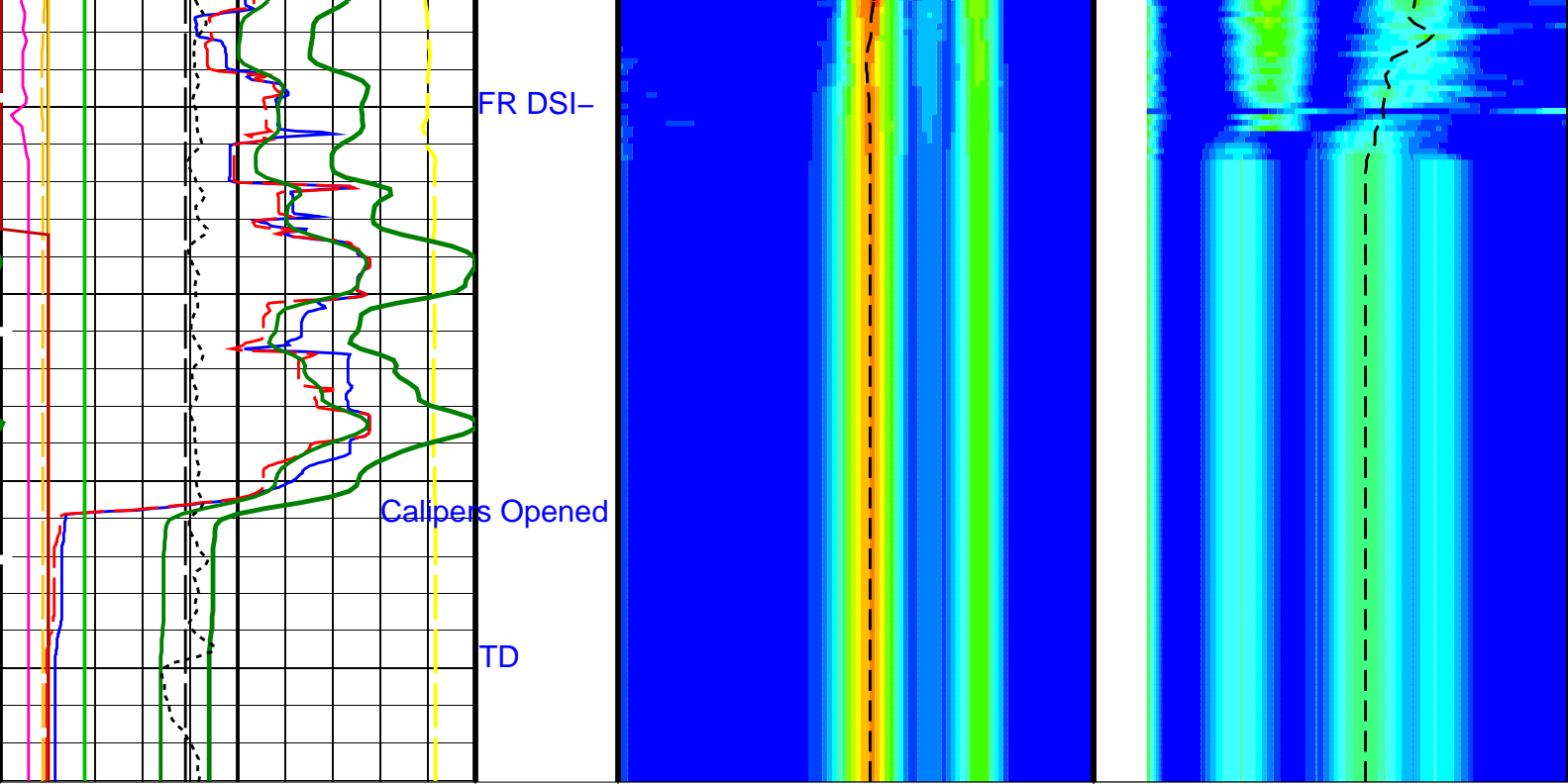


450

475







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	125 US/F
COUL	Label Slowness Upper Limit – Monopole P&S Compressional	195 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	200 US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	1200 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	195 US/F
DTSS	Shear Delta-T Source for DTSM Channel	LOWER_DIPOLE
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
GCSE	Generalized Caliper Selection	C1
LFC	Label Formation Character – Monopole P&S	COMP_FIRST
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	32
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	BCR
SAS2	STC Sonic Array Status – Upper Dipole	255
SAS4	STC Sonic Array Status – Monopole P&S	255
SBO2	STC Search Band Offset – Upper Dipole	3000 US
SBO4	STC Search Band Offset – Monopole P&S	500 US
SBR4	STC Baseline Removal – Monopole P&S	ON
SBW2	STC Search Bandwidth – Upper Dipole	8000 US
SBW4	STC Search Bandwidth – Monopole P&S	2000 US
SFC2	STC Formation Character – Upper Dipole	SELECTABLE
SFC4	STC Formation Character – Monopole P&S	SELECTABLE
SFM2	STC Filter – Upper Dipole	B1–2K
SFM4	STC Filter – Monopole P&S	B3–20K
SHLL	Label Slowness Lower Limit – Monopole P&S Shear	235 US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	240 US/F
SLL2	STC Slowness Lower Limit – Upper Dipole	200 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	1200 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	1200 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	20200 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	
HNGS–BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNGS Detector 1 Barite Constant	1	
BAR2	HNGS Detector 2 Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	C1	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	–0.00401838	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma–Ray Correction Flag	YES	
TPOS	Tool Position	CENT	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.00201	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.993019	
EDTC–B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	C1	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.03	G/C3
DO	Depth Offset for Playback	–4200.0	M
PP	Playback Processing	OFF	

Format: DSST_P_S_UPPER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 23–Jun–2013 14:38

OP System Version: 19C0–187

MEST–B	19C0–187	DTA–A	8453
DSST–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	SKK–5169–EDTCB

Input DLIS Files

DEFAULT	FMS_DSI_NGS_059PUP	FN:84	PRODUCER	23–Jun–2013 11:22	4773.2 M	4155.2 M
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Output DLIS Files

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Company: Lamont Doherty Earth Observatory Well: Expedition 341, Site U1417E

Input DLIS Files

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Output DLIS Files

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OP System Version: 19C0–187

MEST–B	19C0–187	DTA–A	8453
DSST–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	SKK–5169–EDTCB

Changed Parameter Summary

Changed Parameter Summary

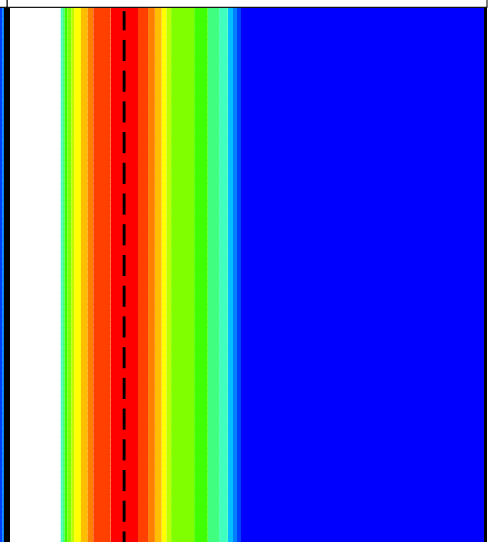
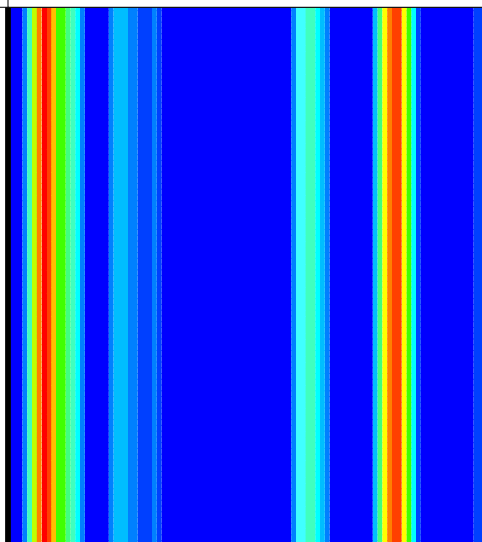
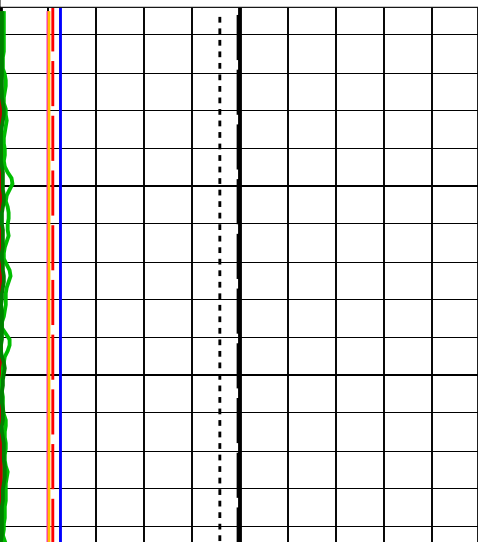
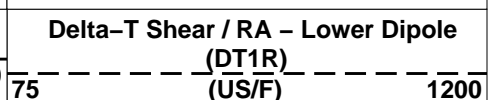
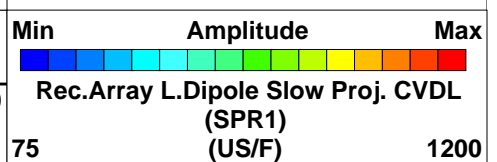
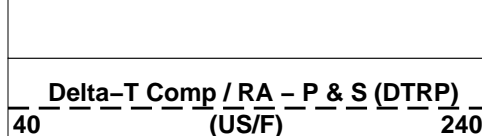
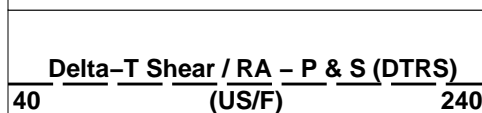
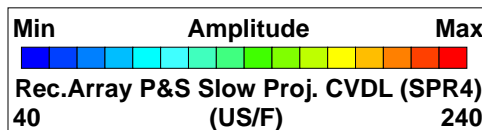
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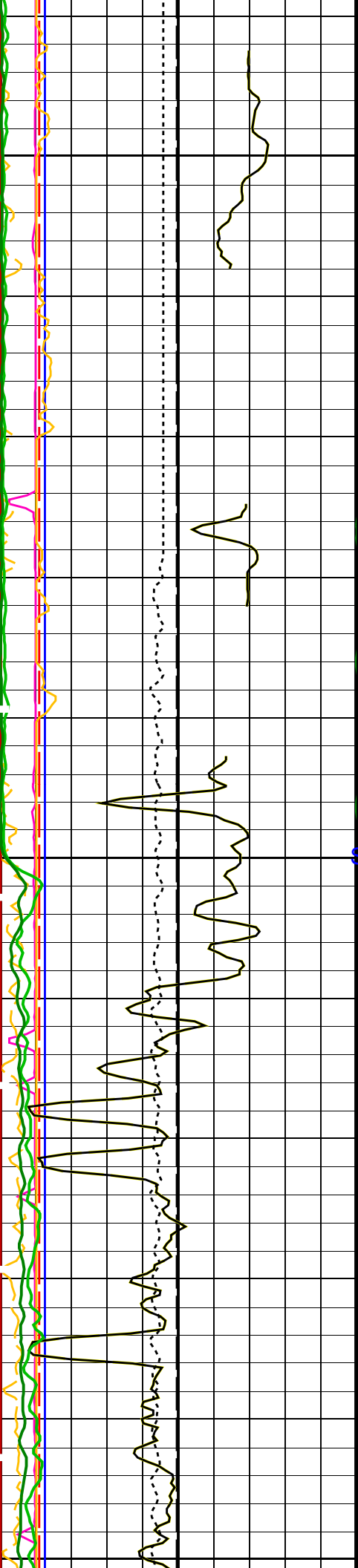
PIP SUMMARY

 Time Mark Every 60 S

HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	75
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
Poisson's Ratio (PR)		
0	(-----)	0.5
Tension (TENS)		
10000	(LBF)	0
Poisson's Ratio (PR)		
0	(-----)	0.5
Caliper 2 (C2)		
0	(IN)	20
Caliper 1 (C1)		
0	(IN)	20
Bit Size (BS)		
0	(IN)	20

1st Pass, Sea Floor Depth Reference

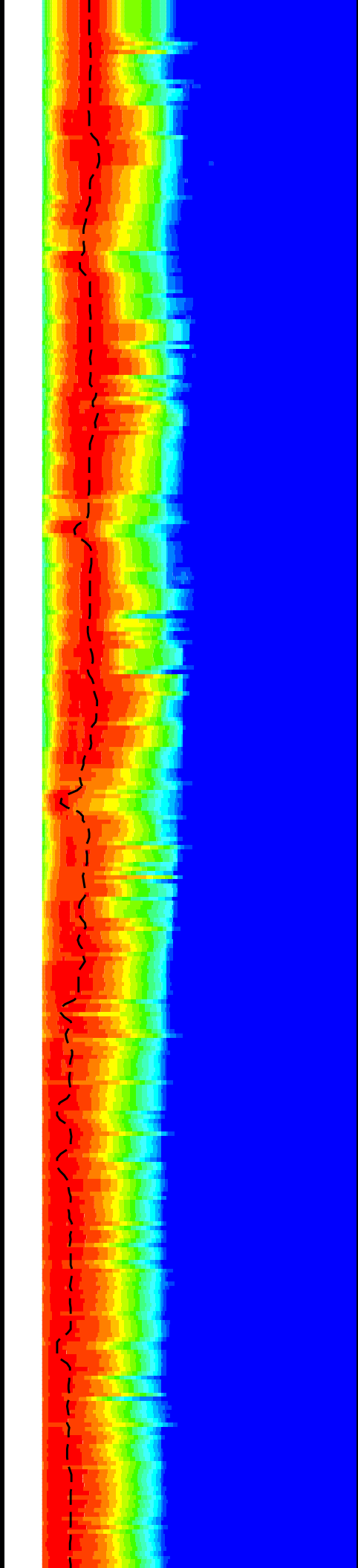
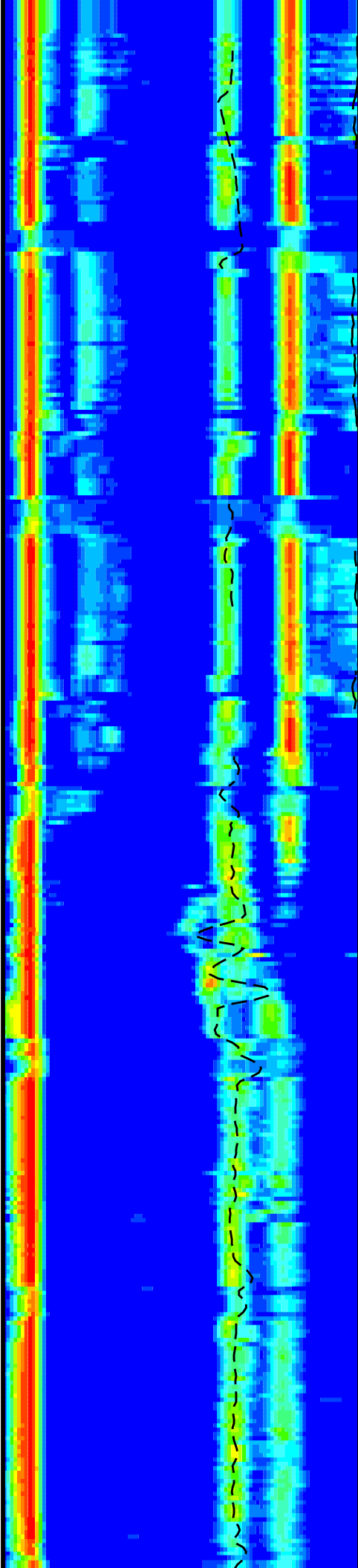


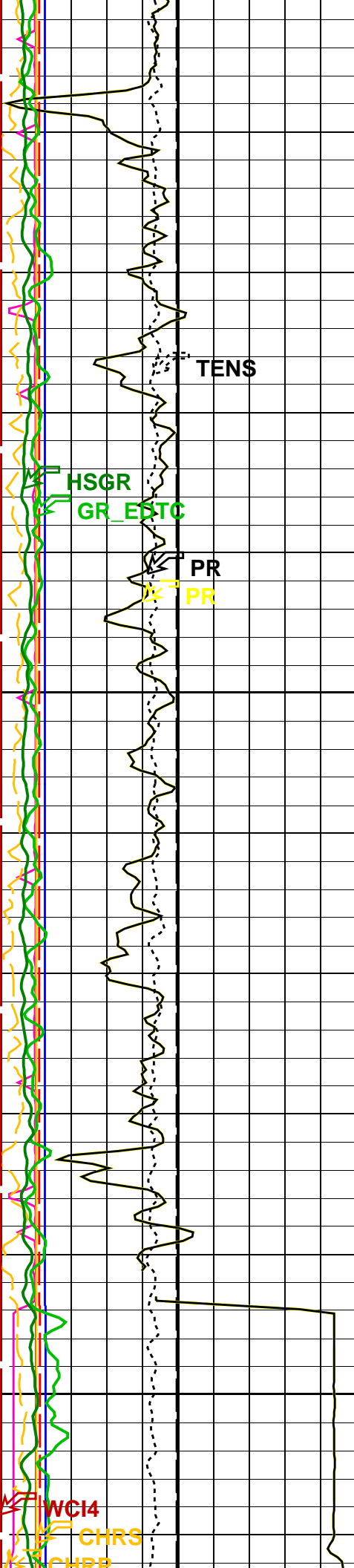


Sea Floor

-25

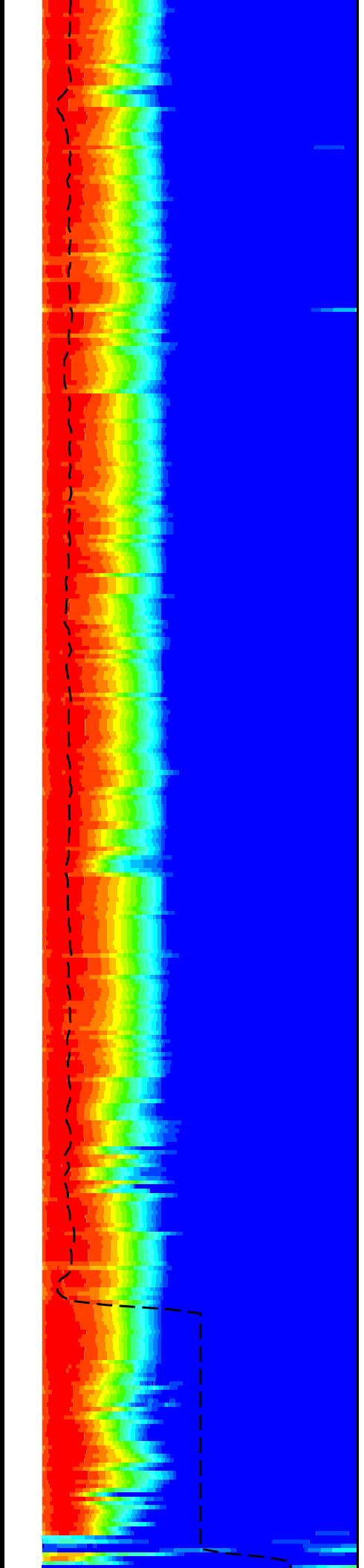
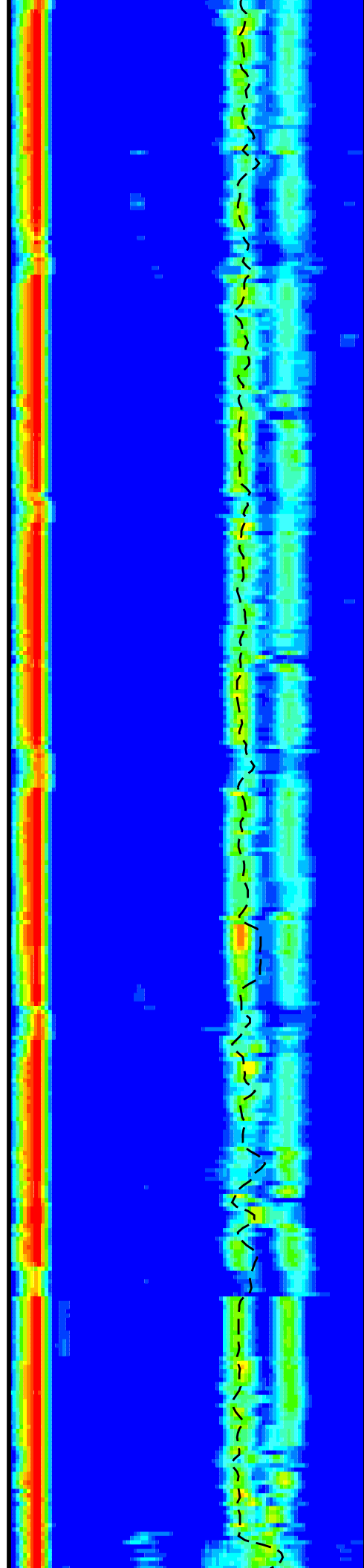
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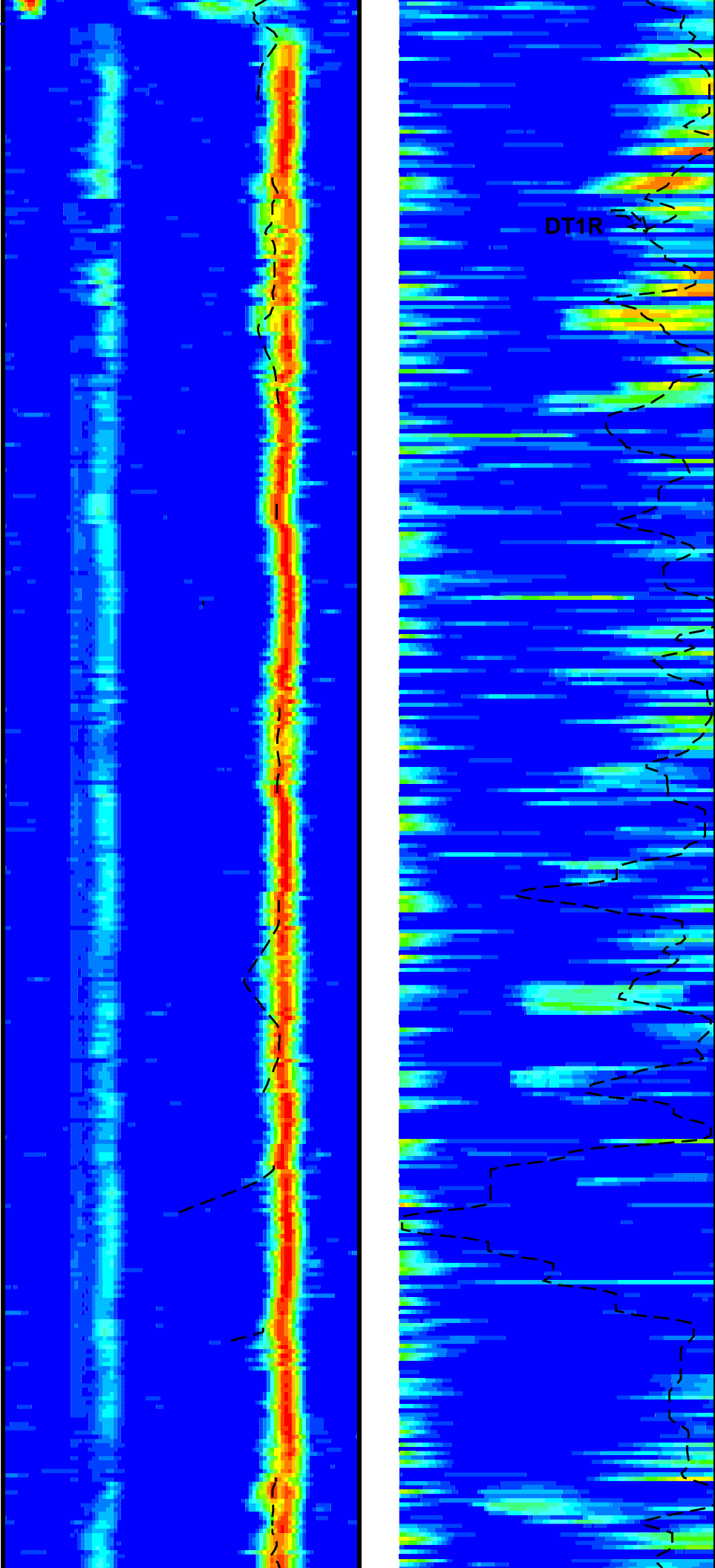
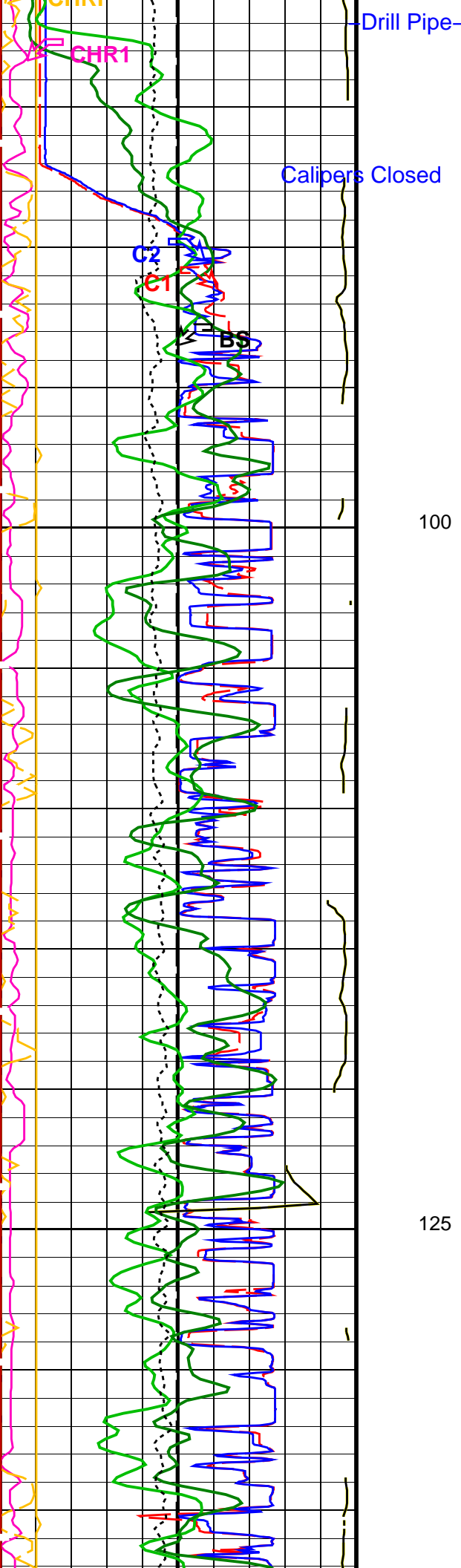


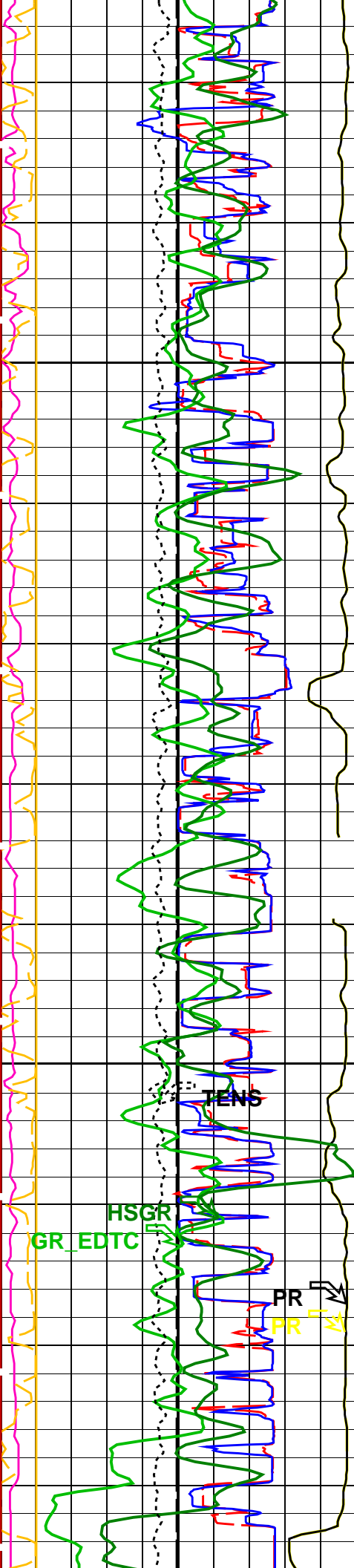


50

75

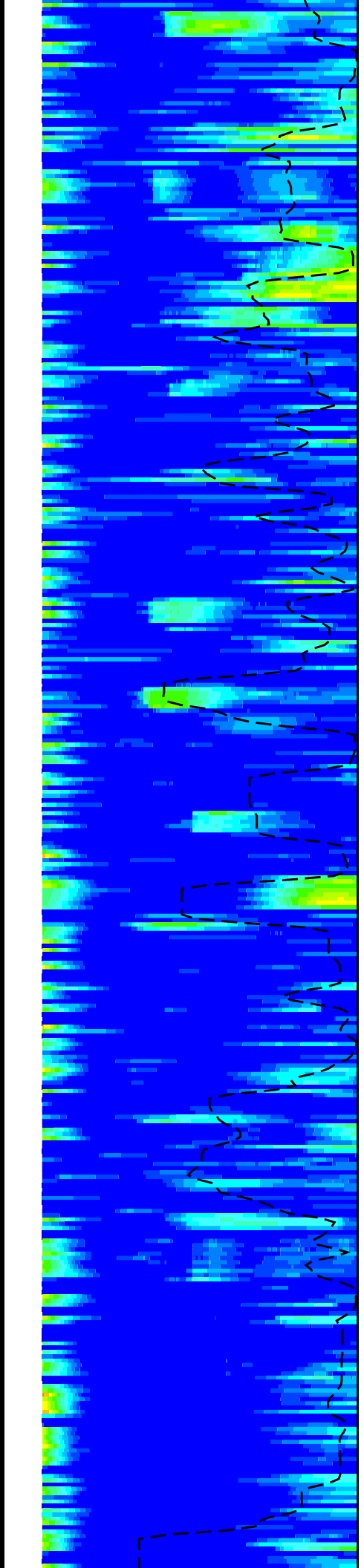
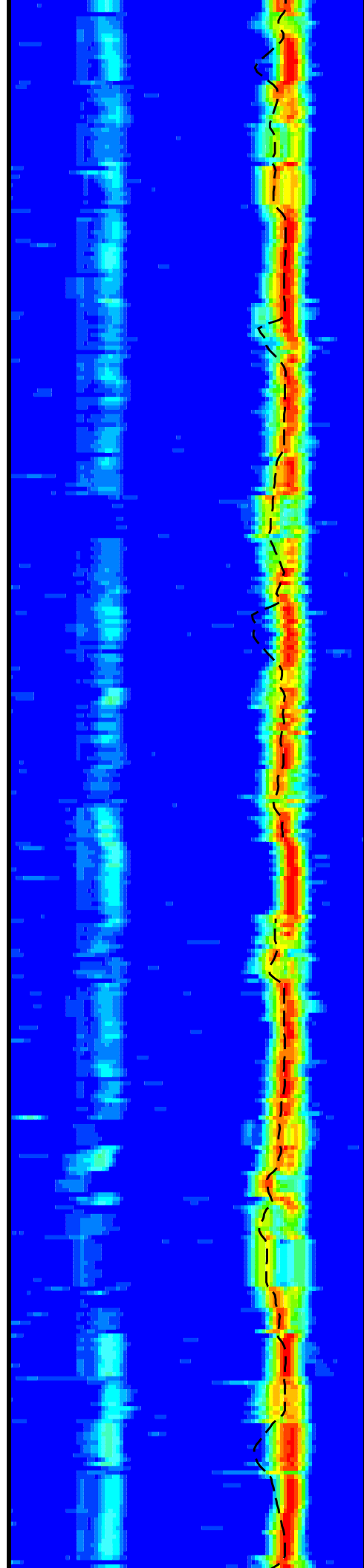


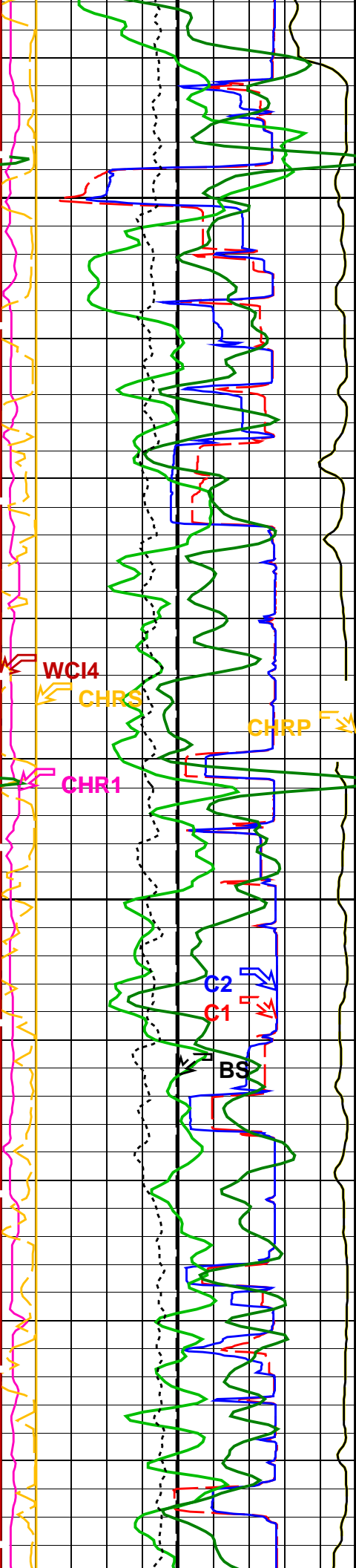




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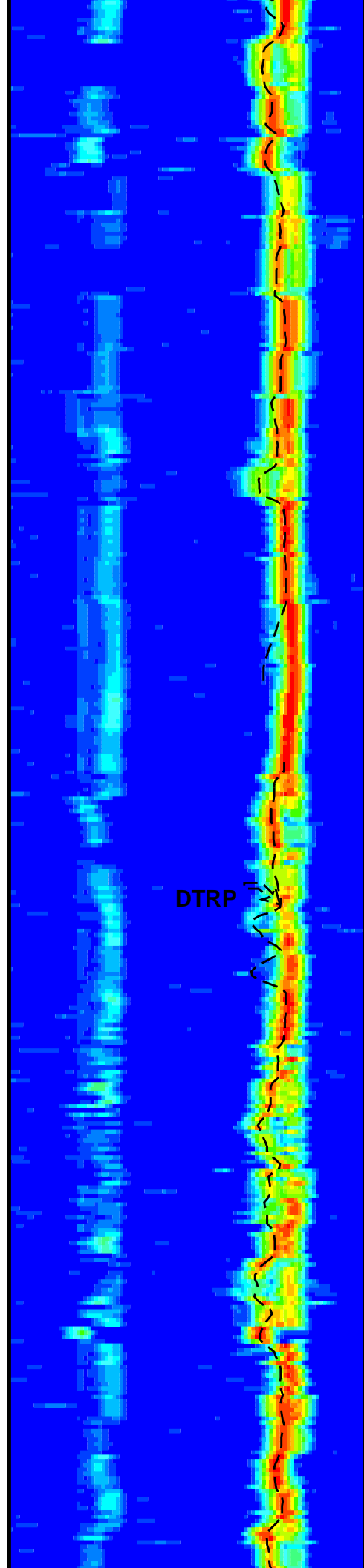
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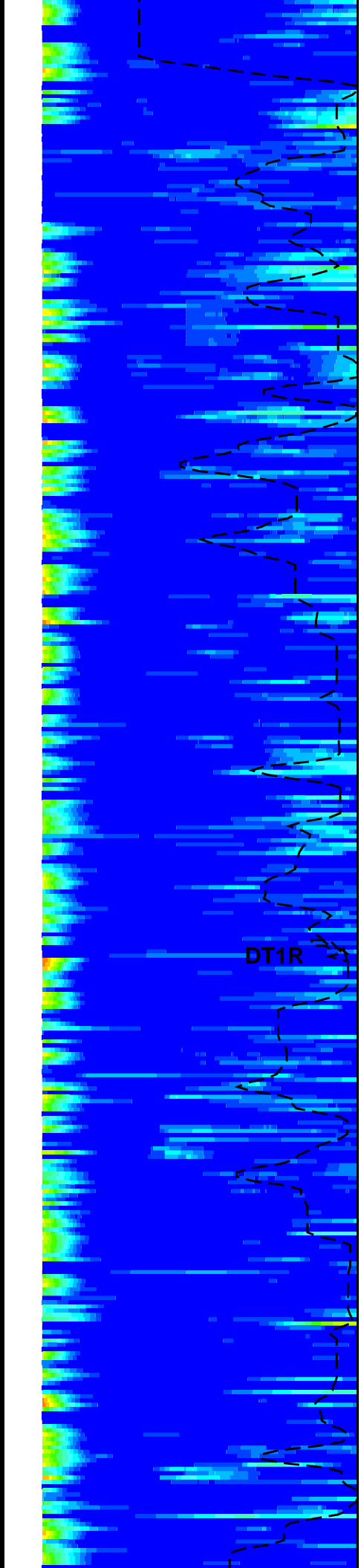


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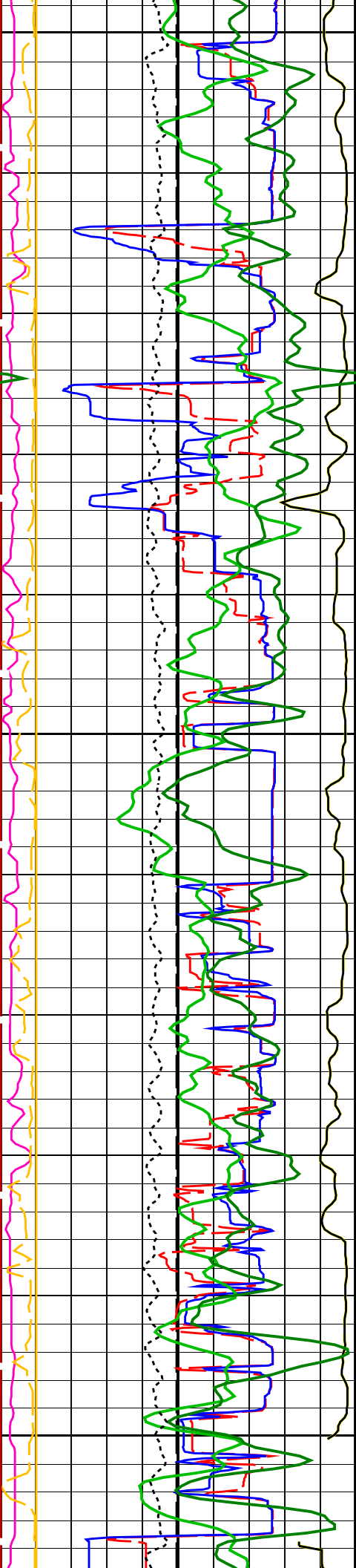
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DTRP



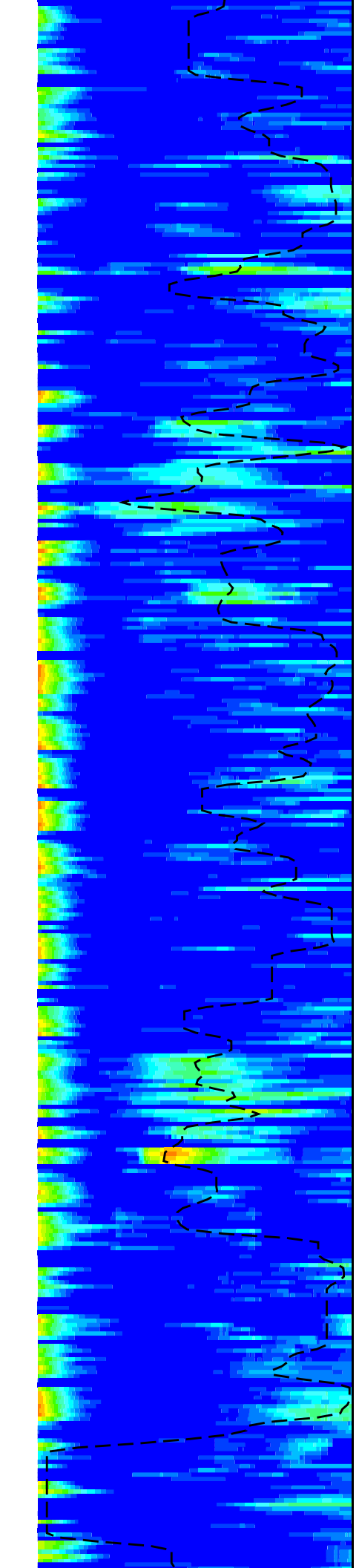
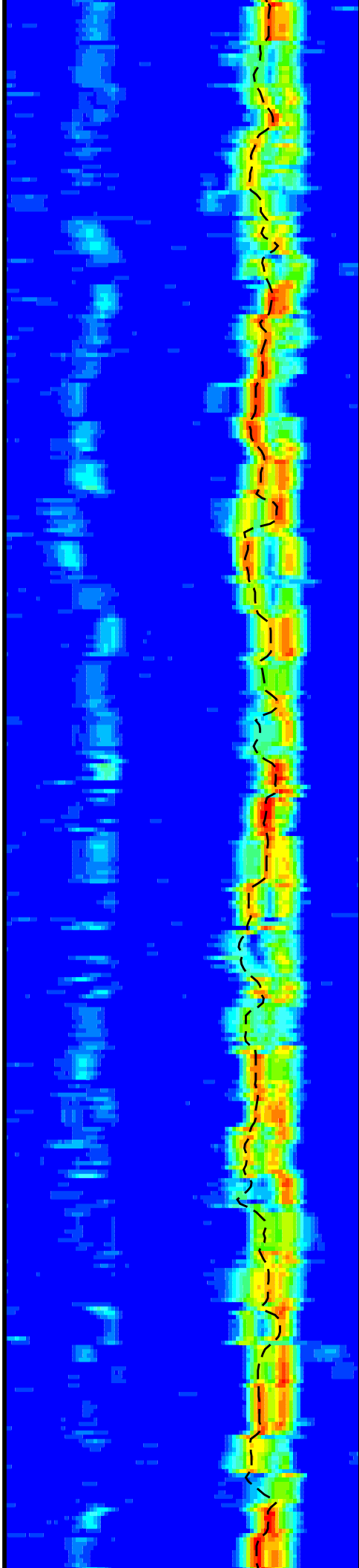
DT1R

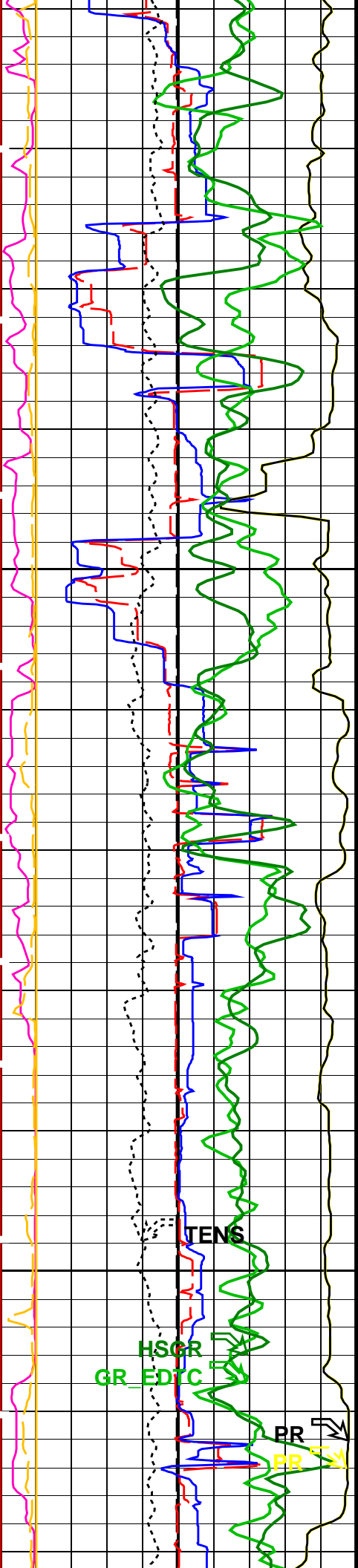


250

275

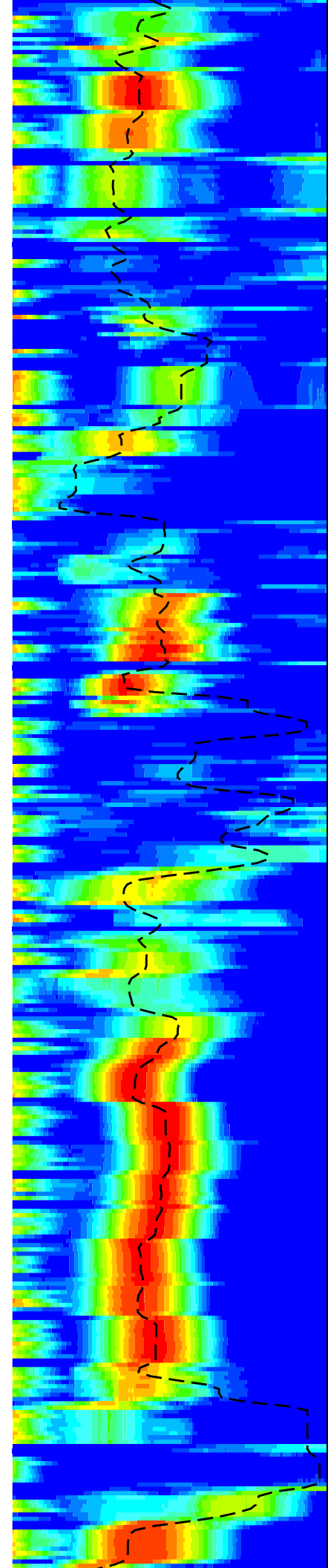
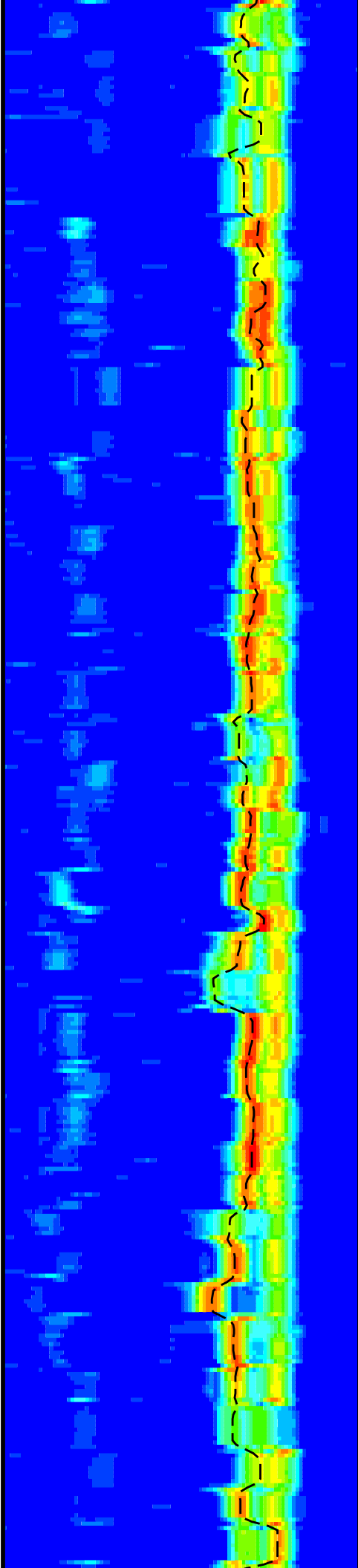
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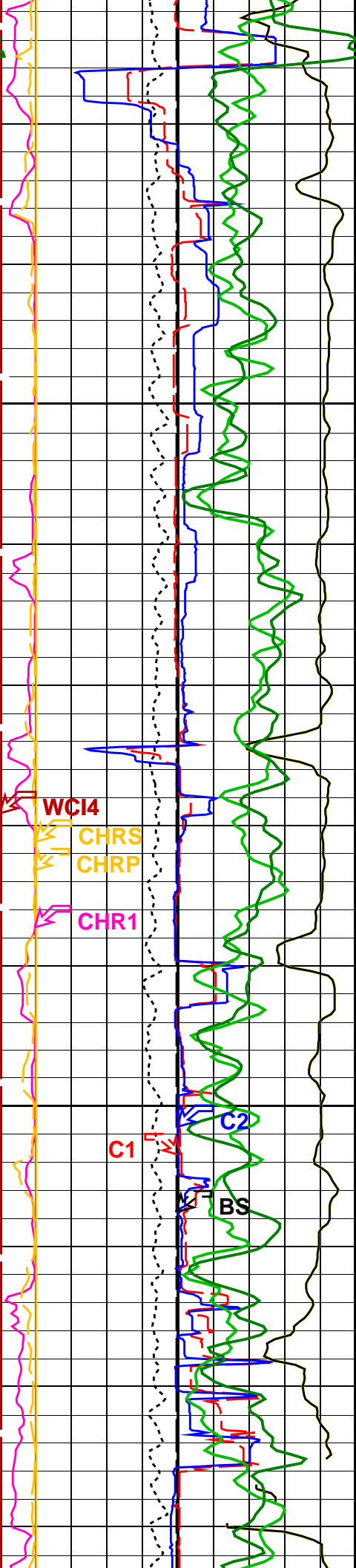




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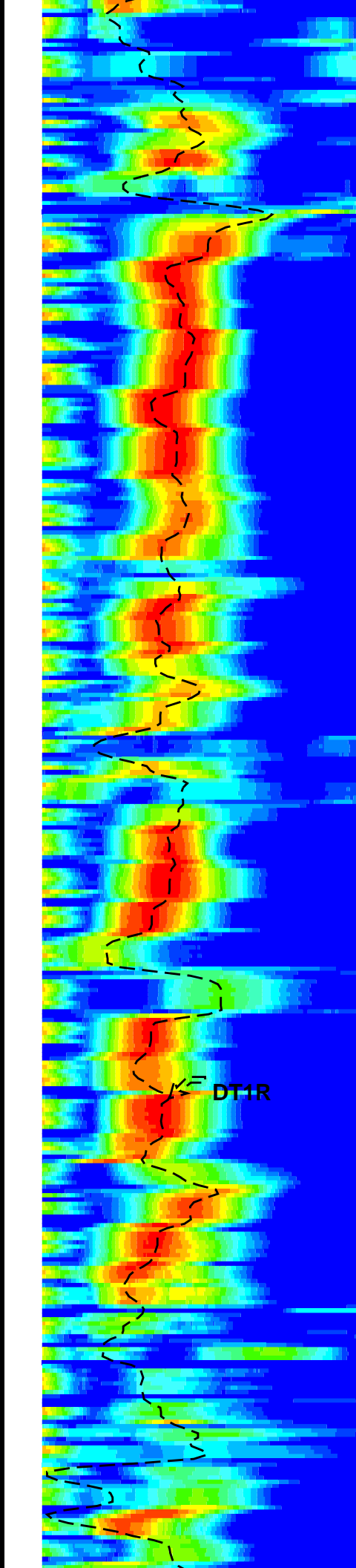
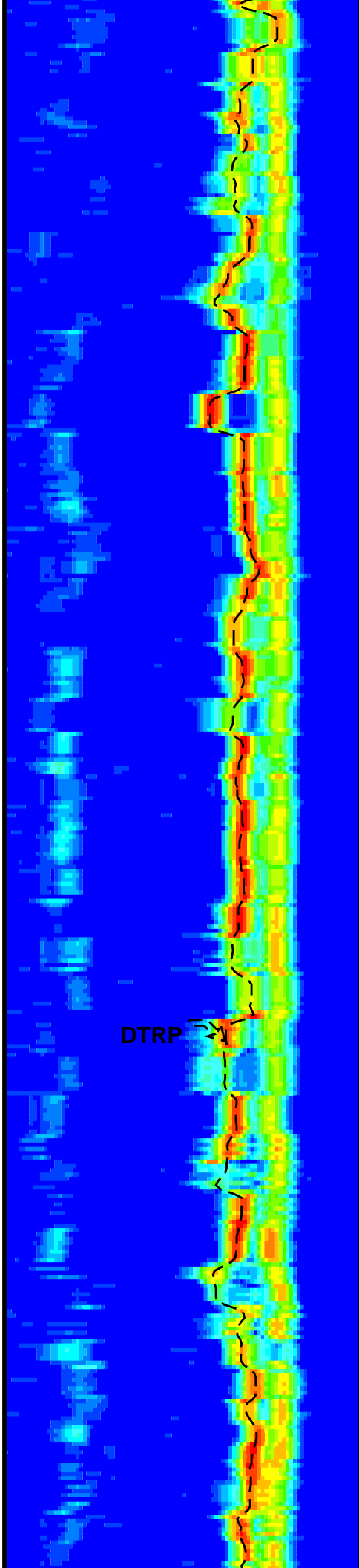
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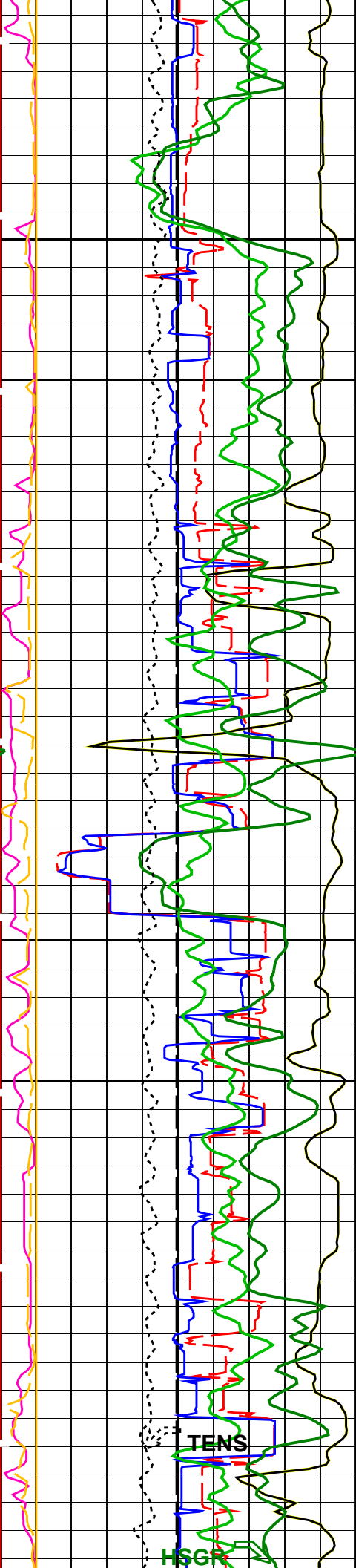




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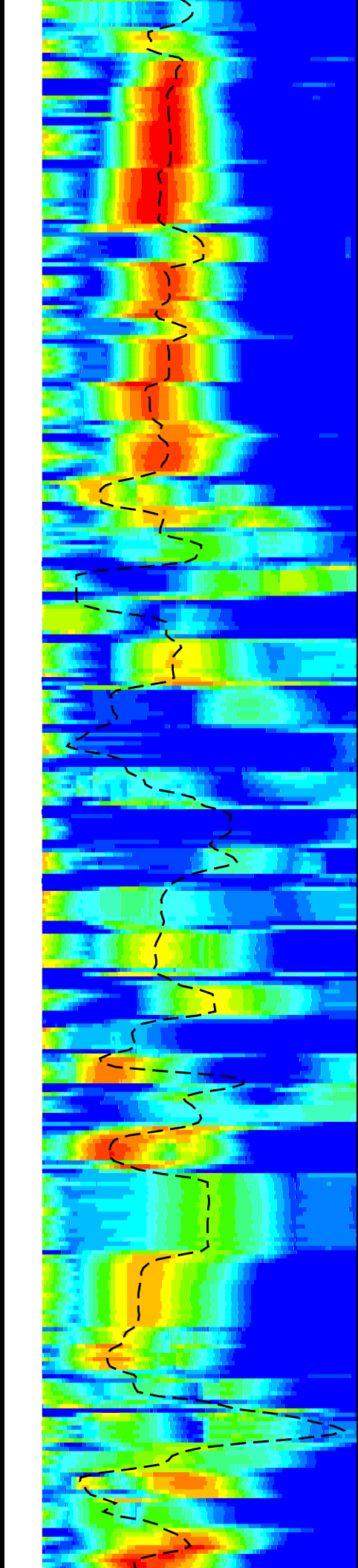
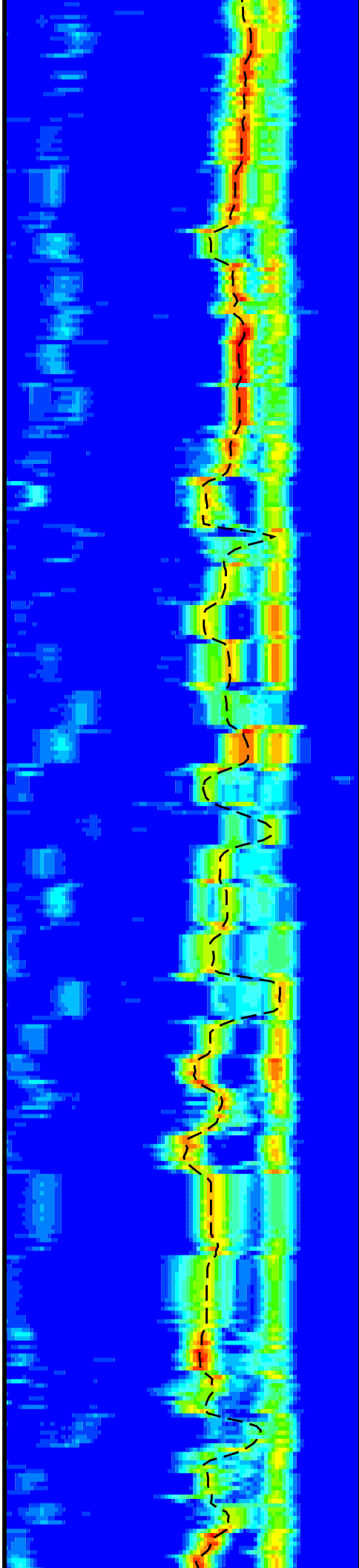
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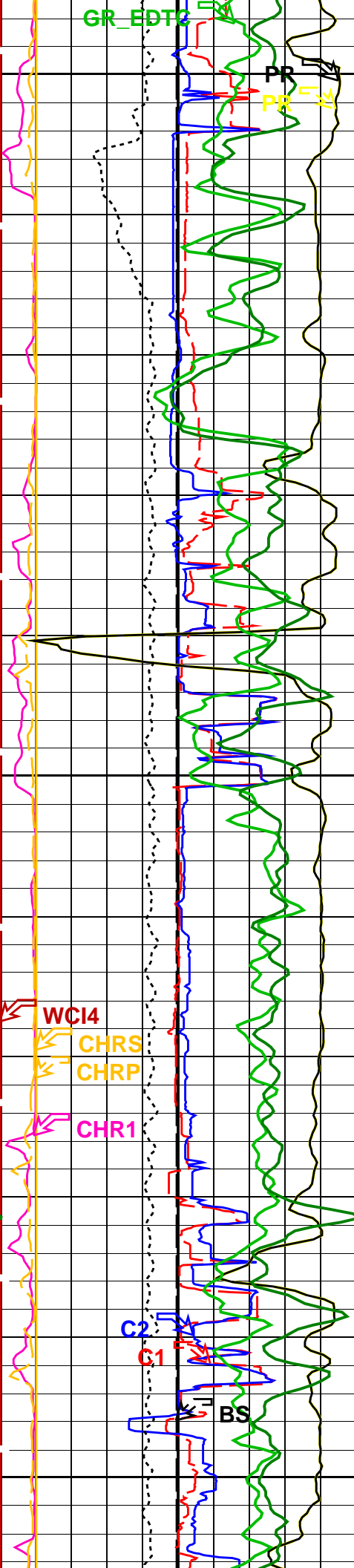




425

450

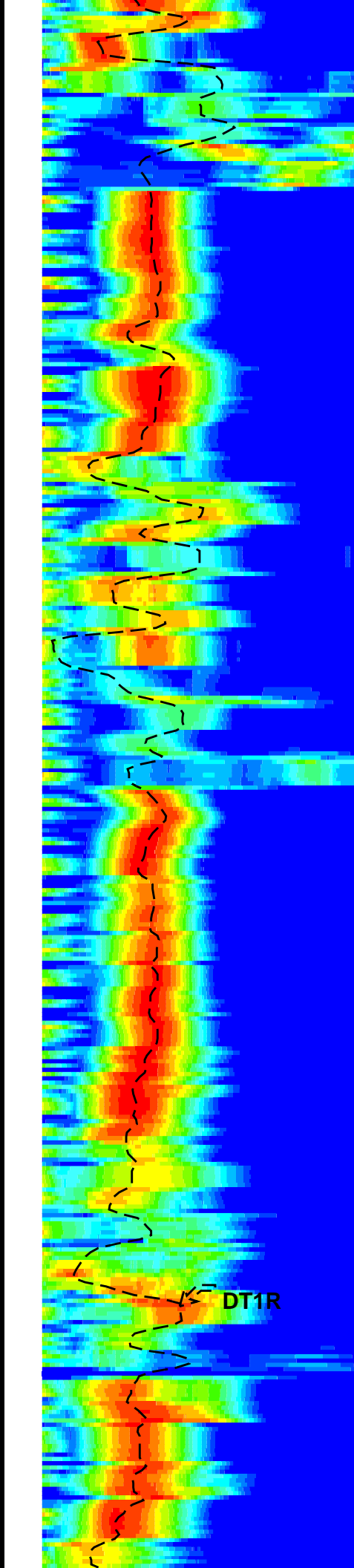
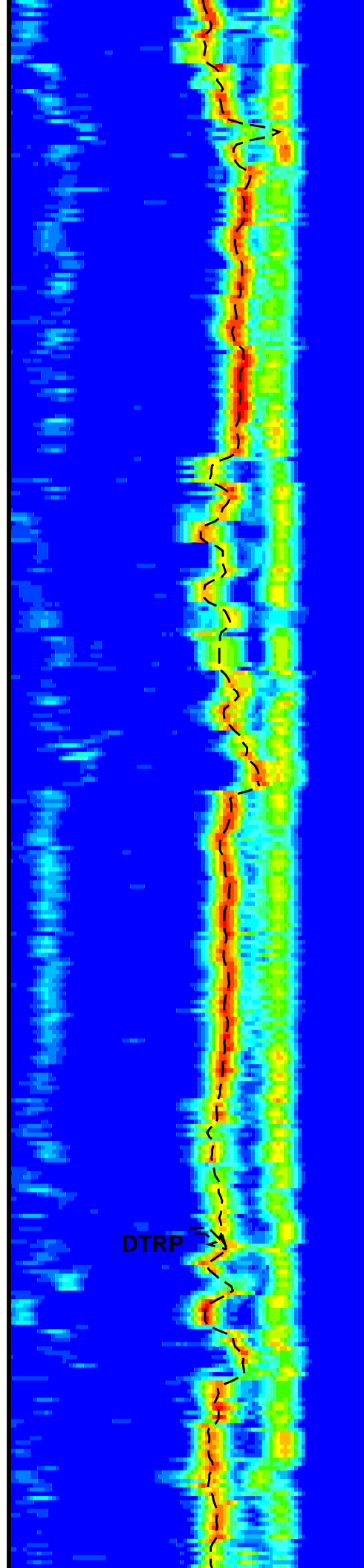


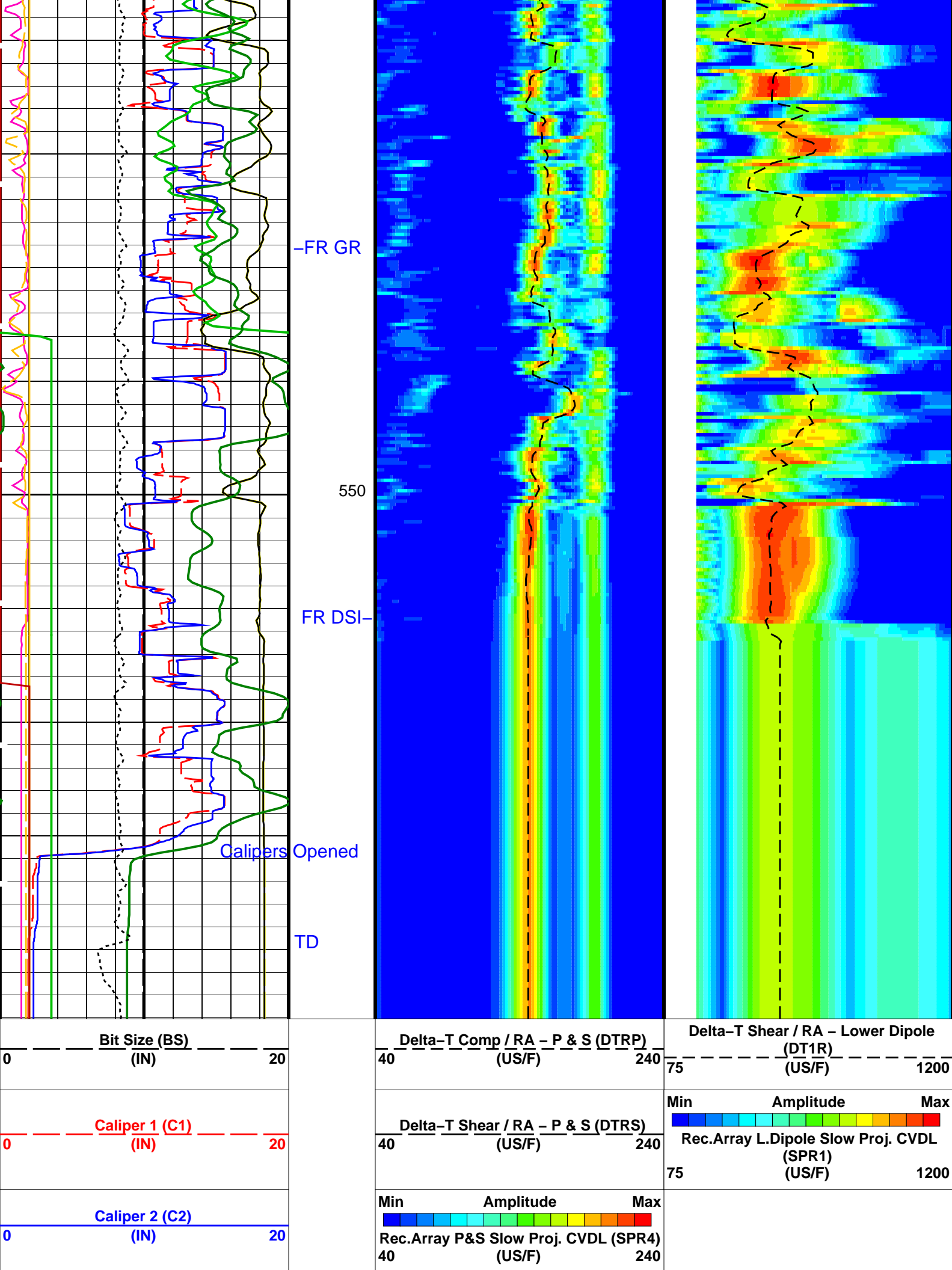


475

500

525





Poisson's Ratio (PR)		
0	(-----)	0.5
Tension (TENS)		
10000	(LBF)	0
Poisson's Ratio (PR)		
0	(-----)	0.5
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
HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	75

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	125	US/F
COUL	Label Slowness Upper Limit – Monopole P&S Compressional	195	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	200	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	1200	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	195	US/F
DTSS	Shear Delta-T Source for DTSM Channel	LOWER_DIPOLE	
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	
GCSE	Generalized Caliper Selection	C1	
LFC	Label Formation Character – Monopole P&S	COMP_FIRST	
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	32	
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	BCR	
SAS1	STC Sonic Array Status – Lower Dipole	255	
SAS4	STC Sonic Array Status – Monopole P&S	255	
SBO1	STC Search Band Offset – Lower Dipole	3000	US
SBO4	STC Search Band Offset – Monopole P&S	500	US
SBR4	STC Baseline Removal – Monopole P&S	ON	
SBW1	STC Search Bandwidth – Lower Dipole	8000	US
SBW4	STC Search Bandwidth – Monopole P&S	2000	US
SFC1	STC Formation Character – Lower Dipole	SELECTABLE	
SFC4	STC Formation Character – Monopole P&S	SELECTABLE	
SFM1	STC Filter – Lower Dipole	B.3–1.5K	
SFM4	STC Filter – Monopole P&S	B3–20K	
SHLL	Label Slowness Lower Limit – Monopole P&S Shear	235	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	240	US/F
SLL1	STC Slowness Lower Limit – Lower Dipole	200	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	1200	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	1300	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	20440	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	
HNGB–BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNGB Detector 1 Barite Constant	1	
BAR2	HNGB Detector 2 Barite Constant	1	
BHK	HNGB Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNGB Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	C1	
H1P	HNGB Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGB Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGB Borehole Potassium Running Average	–0.00401838	
HALF	HNGB Alpha Filter Length	60	IN
HCRB	HNGB Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGB Processing Enable	YES	
S1BI	HNGB Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGB Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGB Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	CENT	
VBA1	HNGB Detector 1 Variable Barite Factor Running Average	1.00201	
VBA2	HNGB Detector 2 Variable Barite Factor Running Average	0.993019	
EDTC–B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	C1	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.03	G/C3
DO	Depth Offset for Playback	–4200.0	M
PP	Playback Processing	OFF	

Format: DSST_P_S_LOWER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 23–Jun–2013 14:38

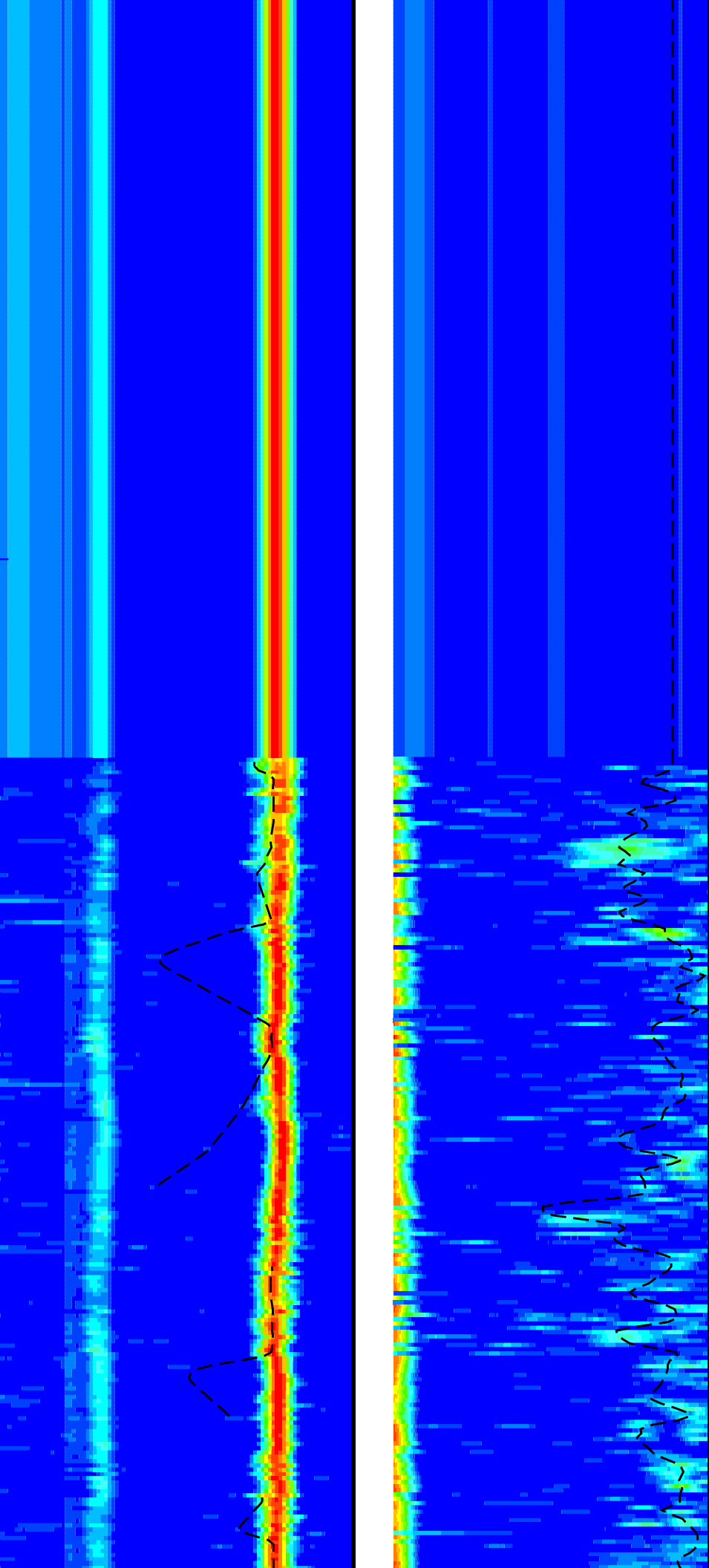
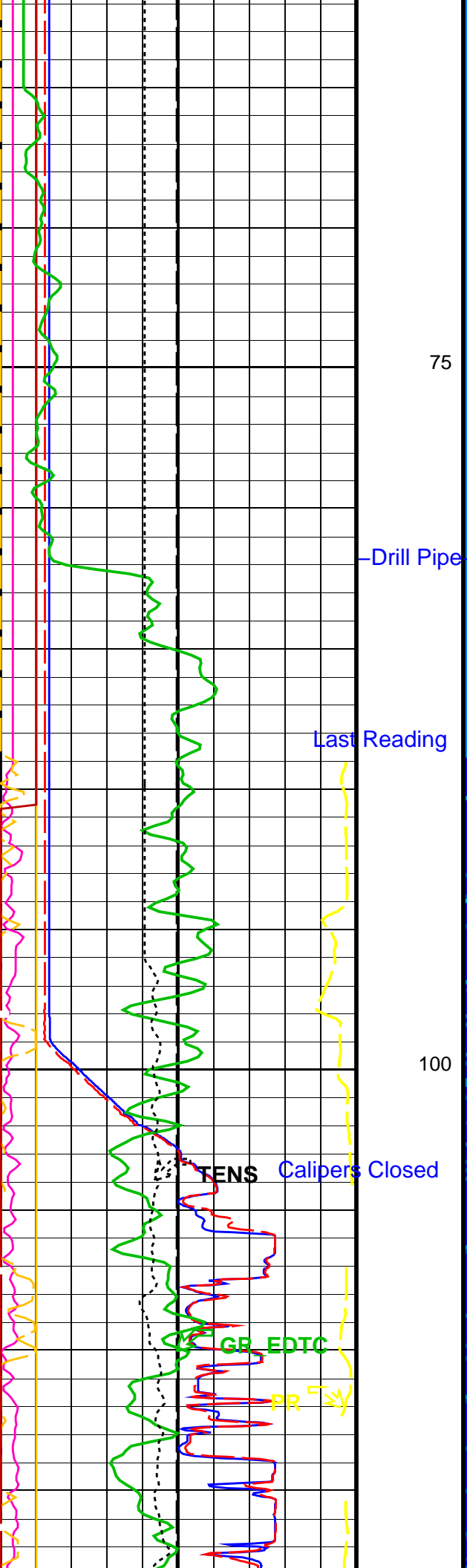
OP System Version: 19C0–187

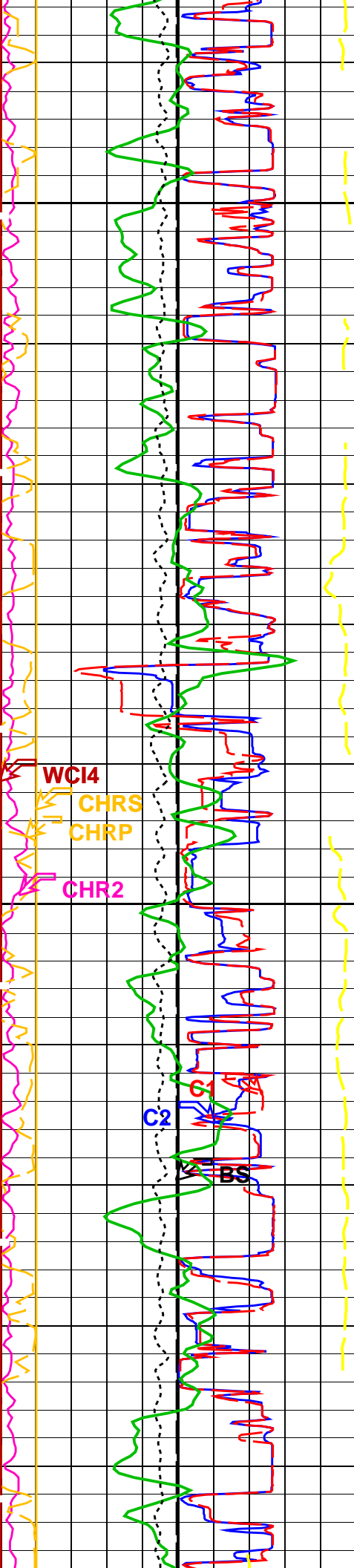
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DSST–B	19C0–187	HNGC–B	19C0–187

HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB
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Output DLIS Files			
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Company: Lamont Doherty Earth Observatory				Well: Expedition 341, Site U1417E		
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_081PUP	FN:105	PRODUCER	23-Jun-2013 14:48	573.0 M	61.6 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_127PUP	FN:151	PRODUCER	06-Jul-2013 13:13	573.0 M	61.6 M
OP System Version: 19C0-187						
MEST-B	19C0-187	DTA-A	8453			
DSST-B	19C0-187	HNGC-B	19C0-187			
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB			

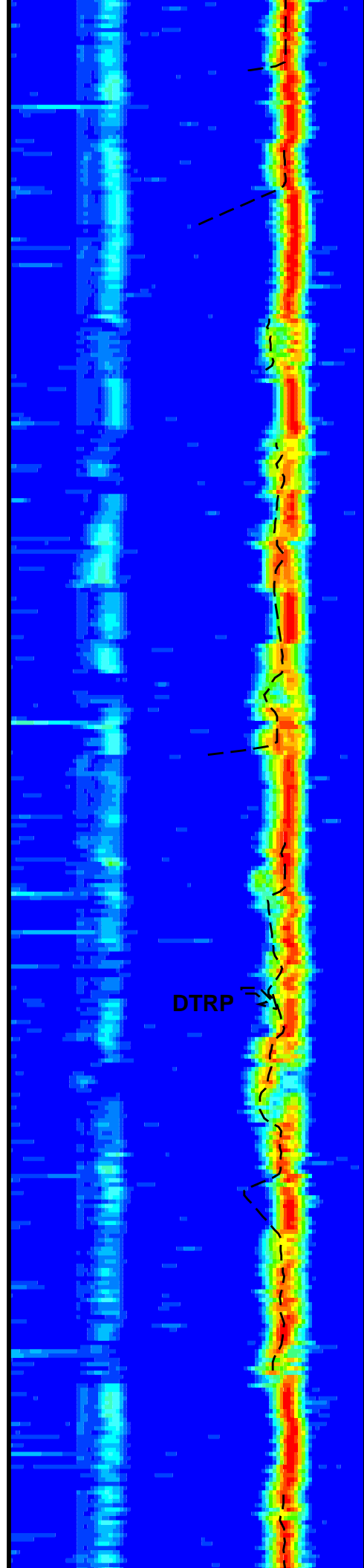
PIP SUMMARY	
<div><div></div>Time Mark Every 60 S</div>	
<div>Waveform Data Copy Indicator 4 – Monopole P&S (WCI4)</div> <div>0 (----) 10</div>	<div>2nd Pass, Sea Floor Depth Reference</div> <div><div>MinAmplitudeMax</div><div><div></div></div><div>Rec.Array P&S Slow Proj. CVDL (SPR4)</div><div>40 (US/F) 240</div></div> <div><div>MinAmplitudeMax</div><div><div></div></div><div>Rec.Array U.Dipole Slow Proj. CVDL (SPR2)</div><div>75 (US/F) 1200</div></div> <div><div>MinAmplitudeMax</div><div><div></div></div><div>Delta-T Shear / RA – Upper Dipole (DT2R)</div><div>75 (US/F) 1200</div></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 – Upper Dipole (CHR2)</div> <div>0 (----) 10</div>	
<div>Gamma Ray (GR_EDTC)</div> <div>0 (GAPI) 75</div>	
<div>Poisson’s Ratio (PR)</div> <div>0 (----) 0.5</div>	
<div>Tension (TENS)</div> <div>10000 (LBF) 0</div>	
<div>Caliper 1 (C1)</div> <div>0 (IN) 20</div>	
<div>Caliper 2 (C2)</div> <div>0 (IN) 20</div>	
<div>Bit Size (BS)</div> <div>0 (IN) 20</div>	



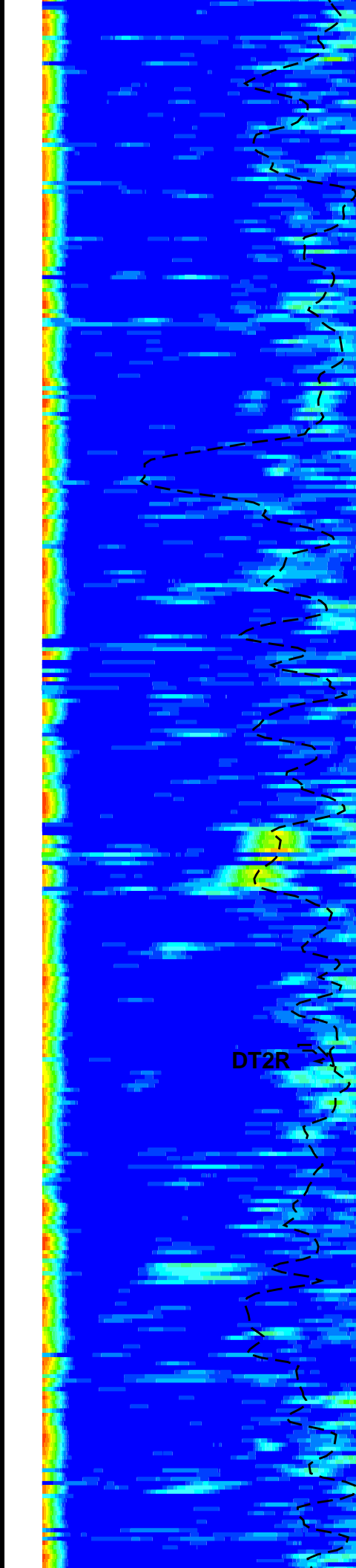


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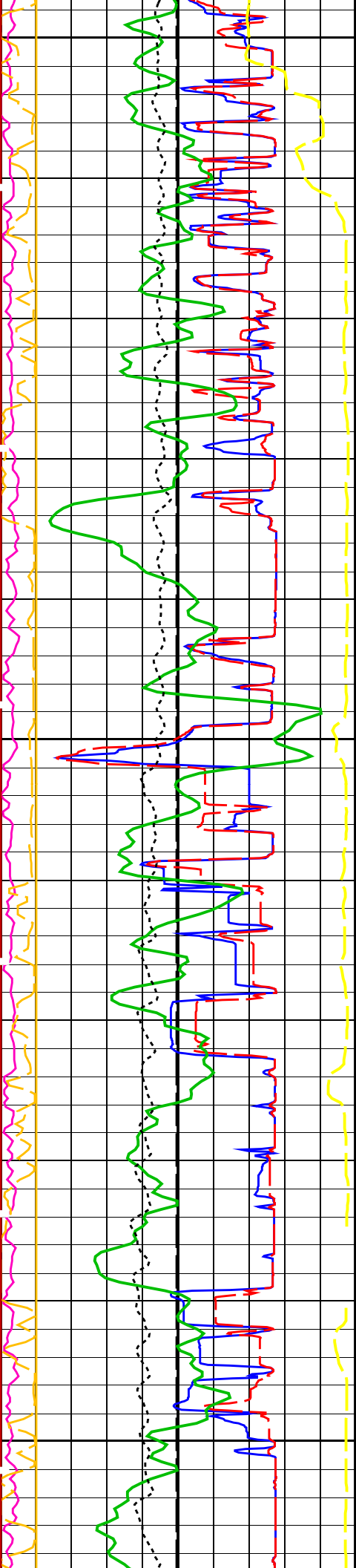
150



DTRP



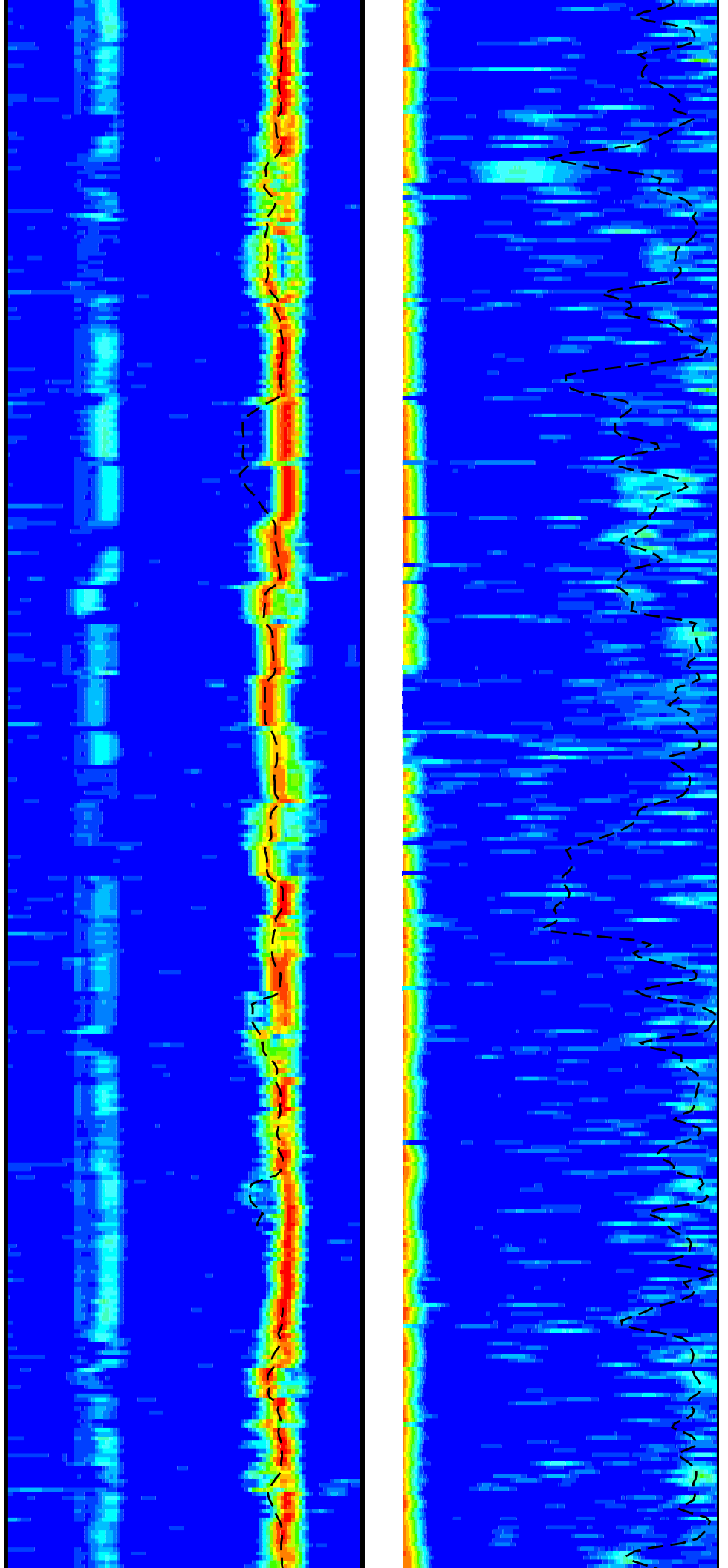
DT2R

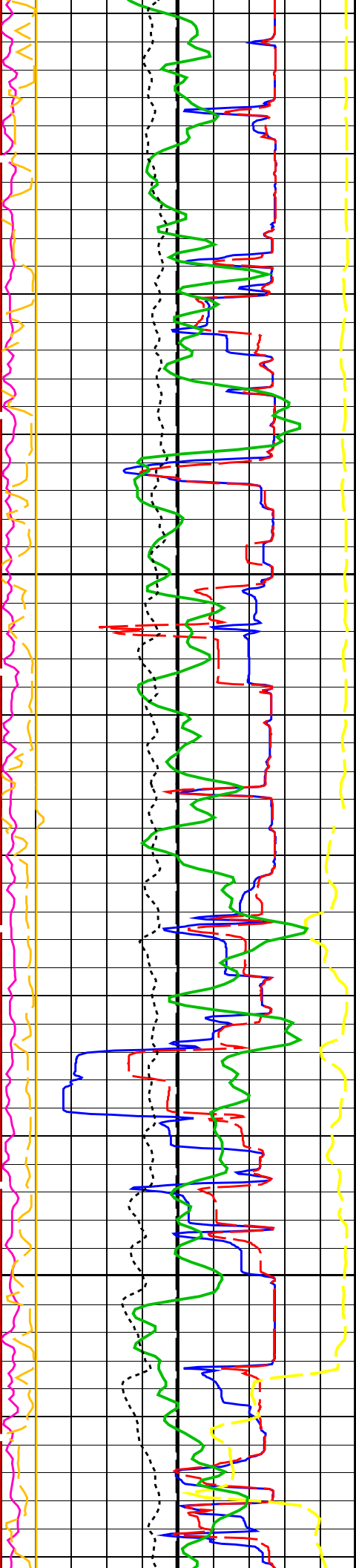


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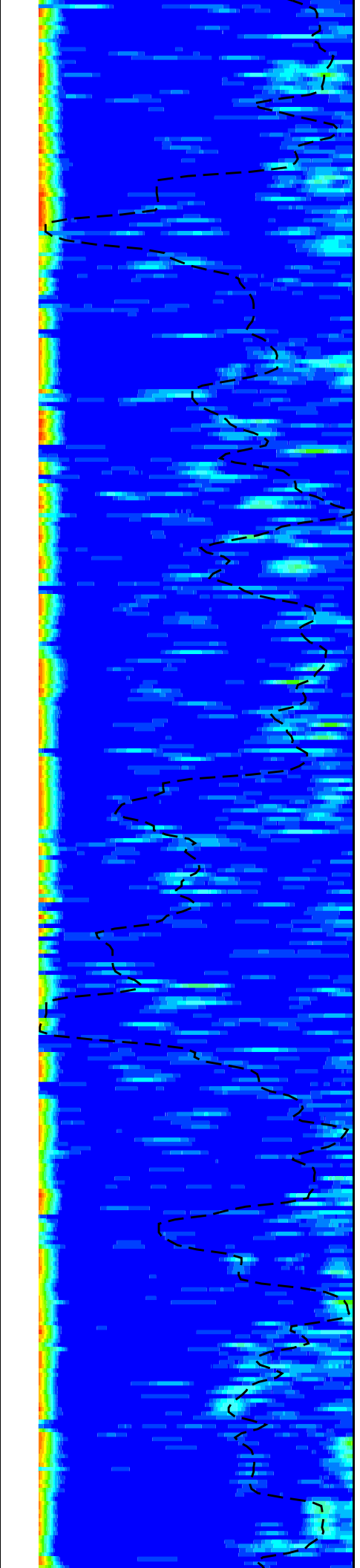
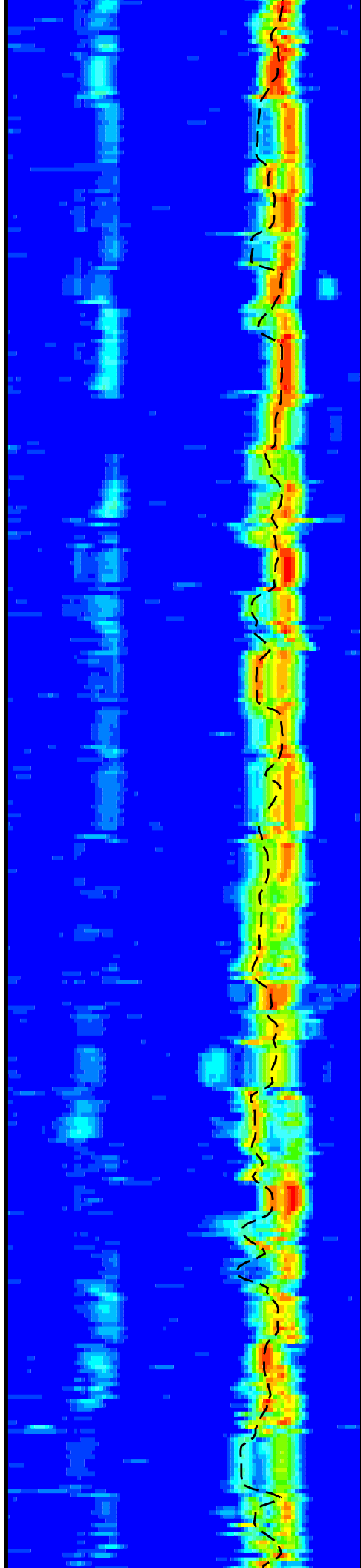
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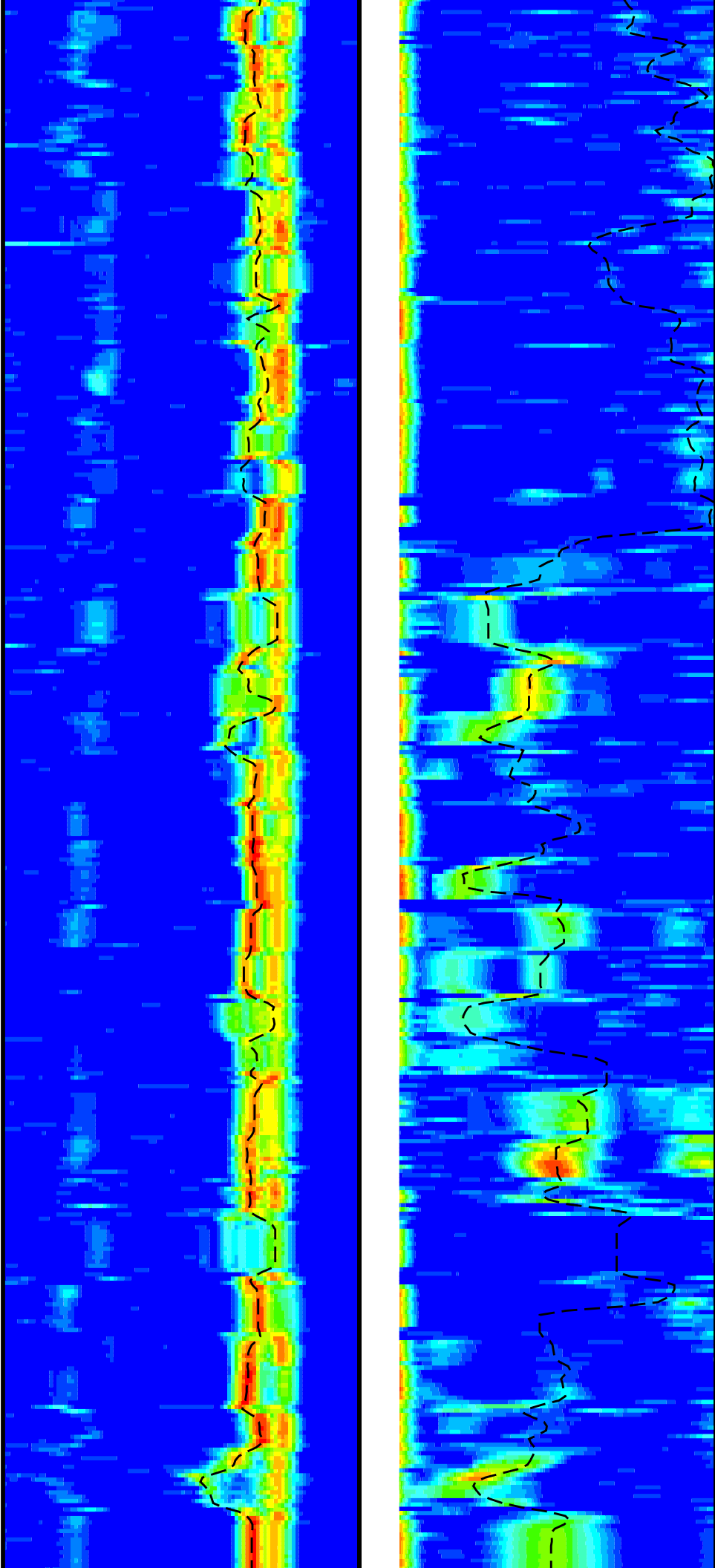
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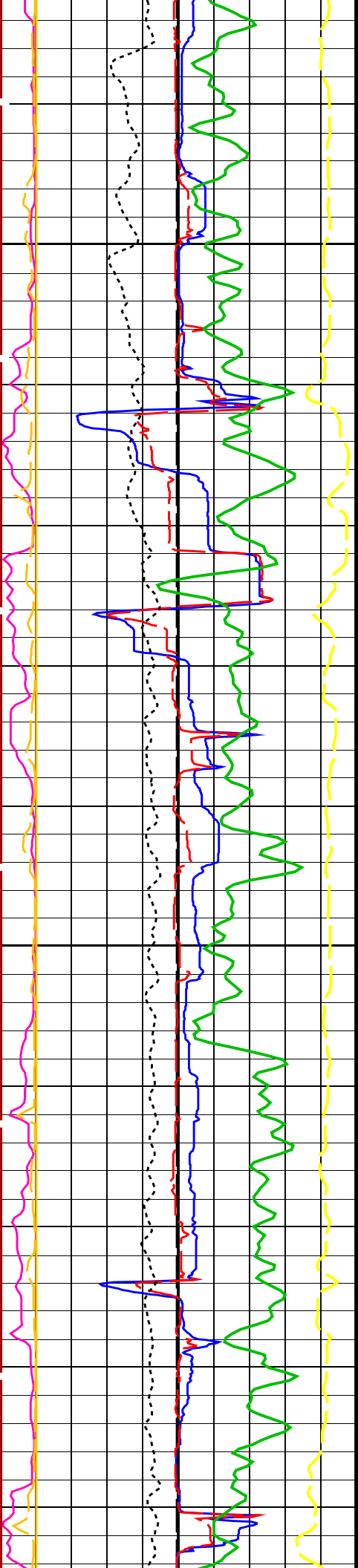




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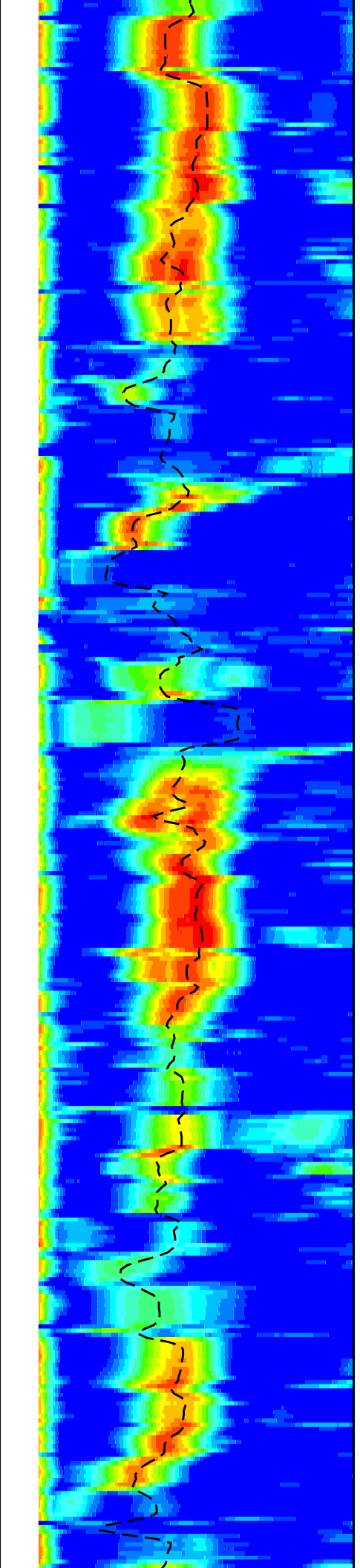
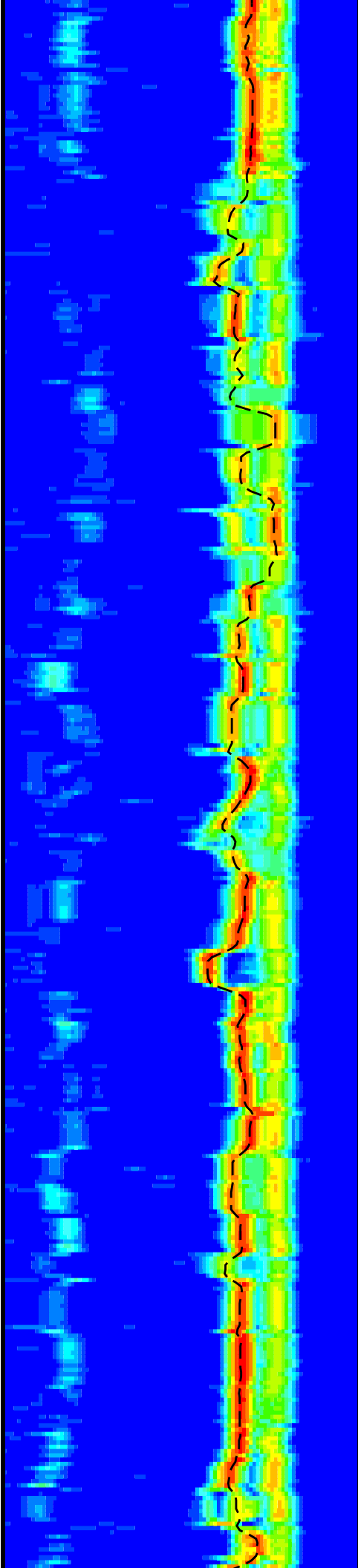
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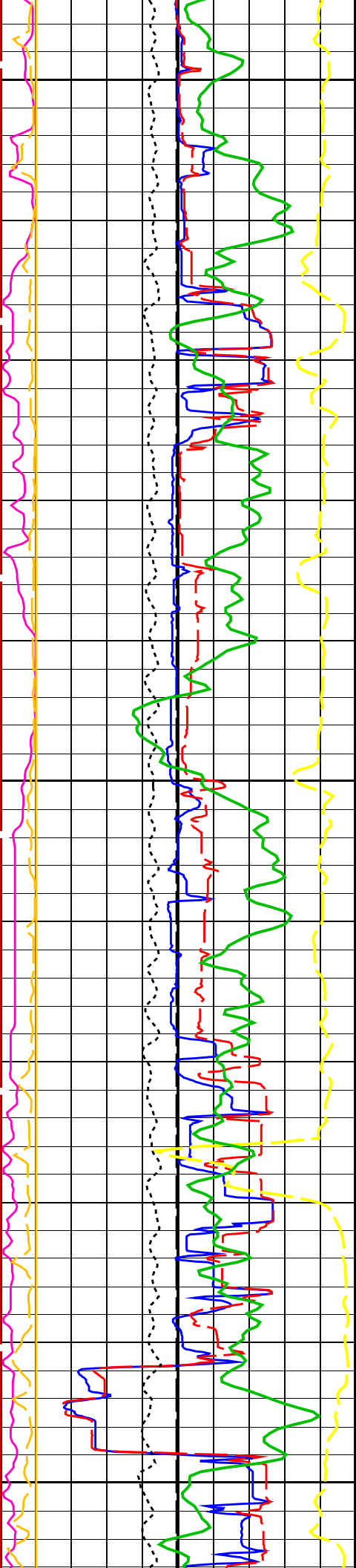




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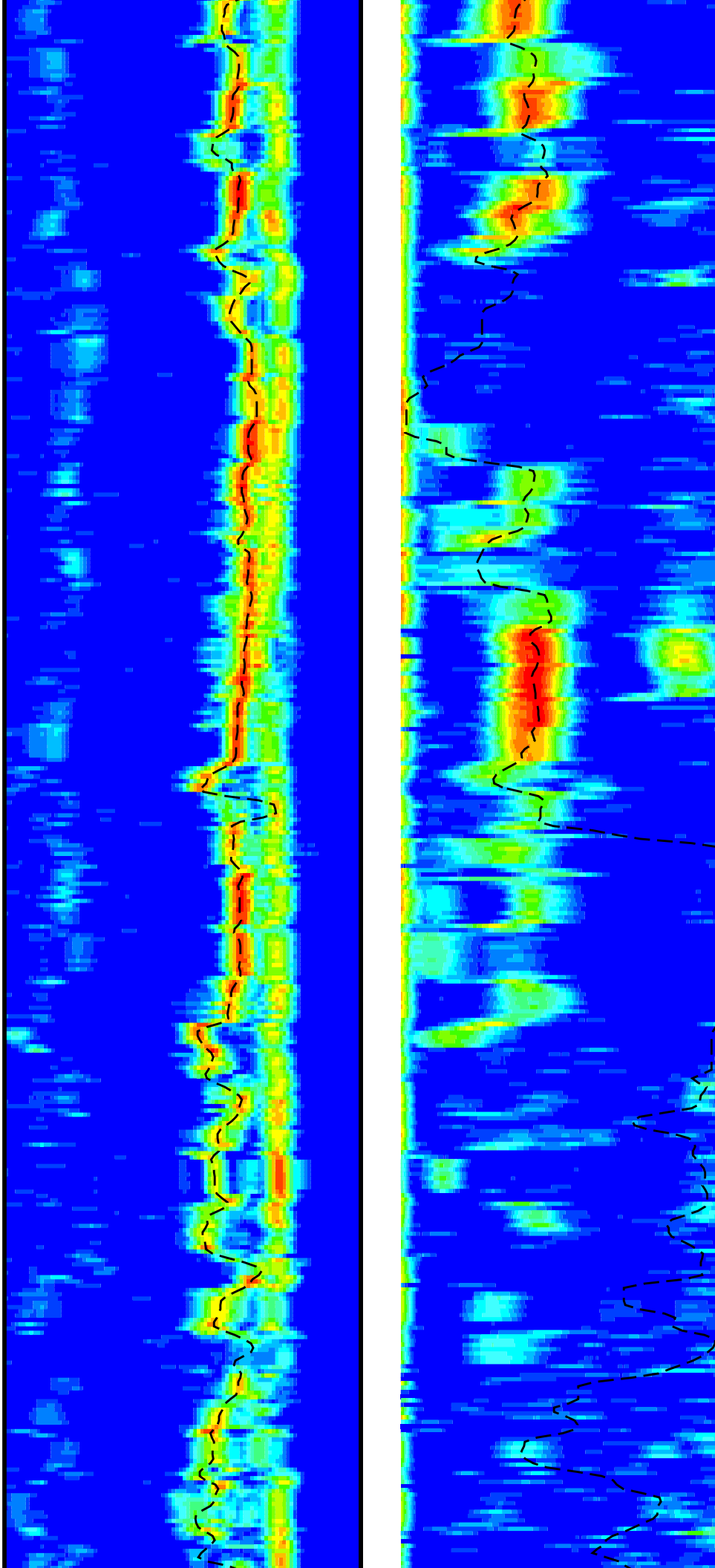


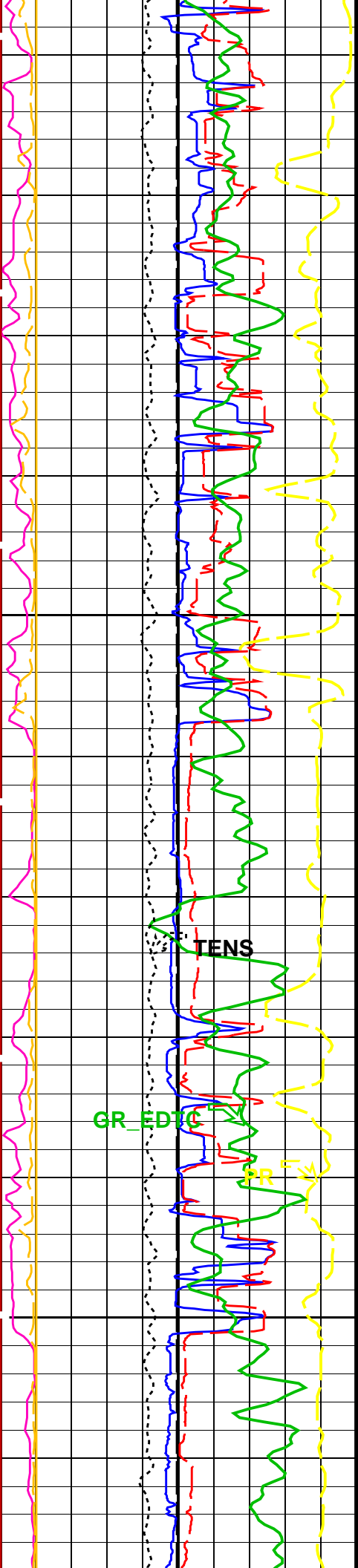


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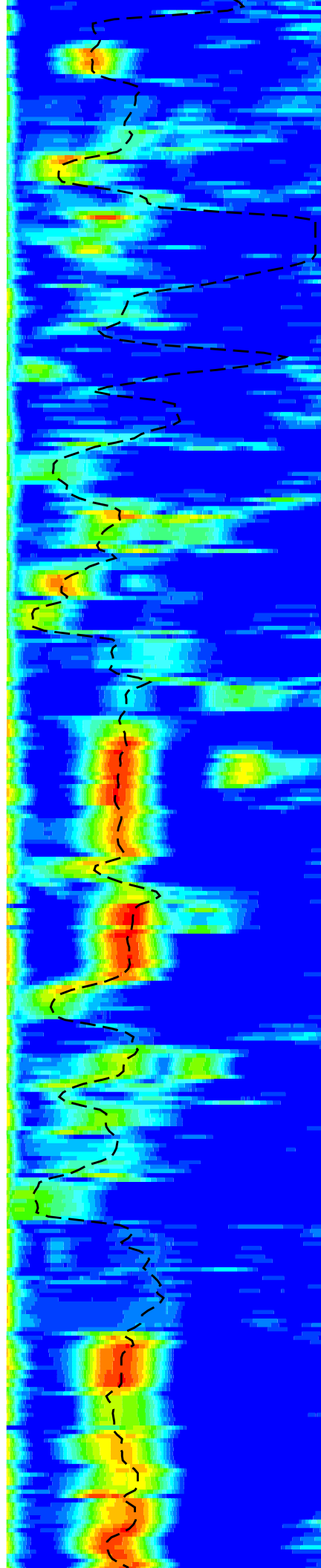
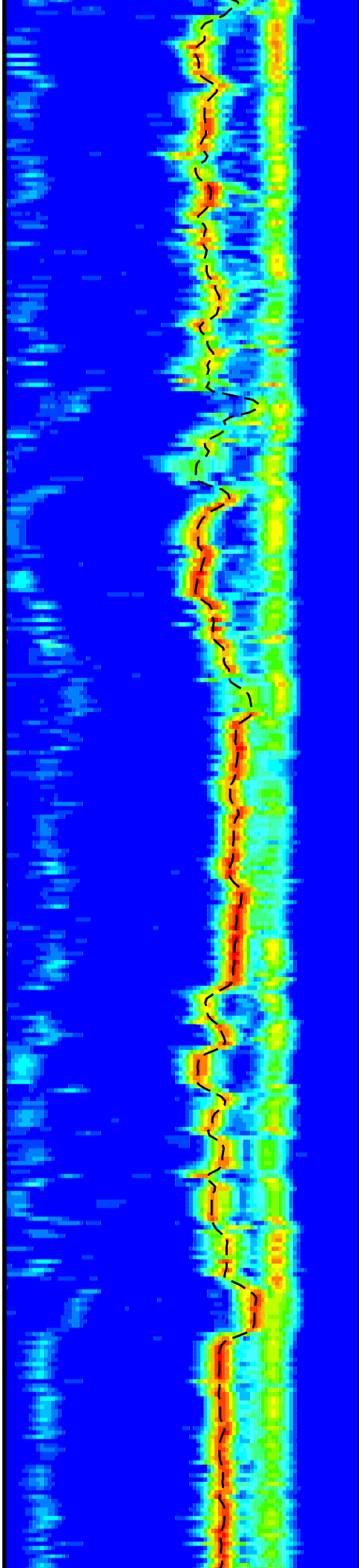
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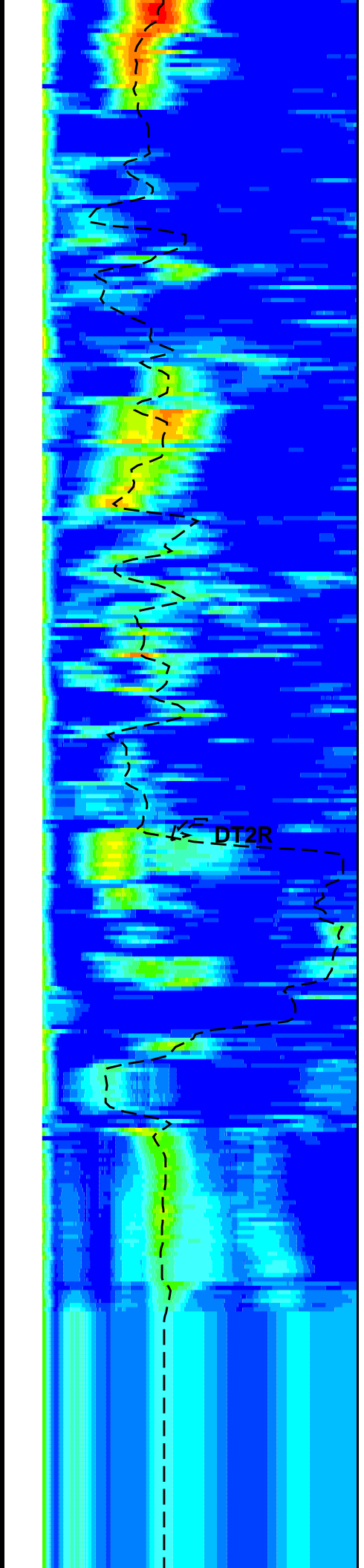
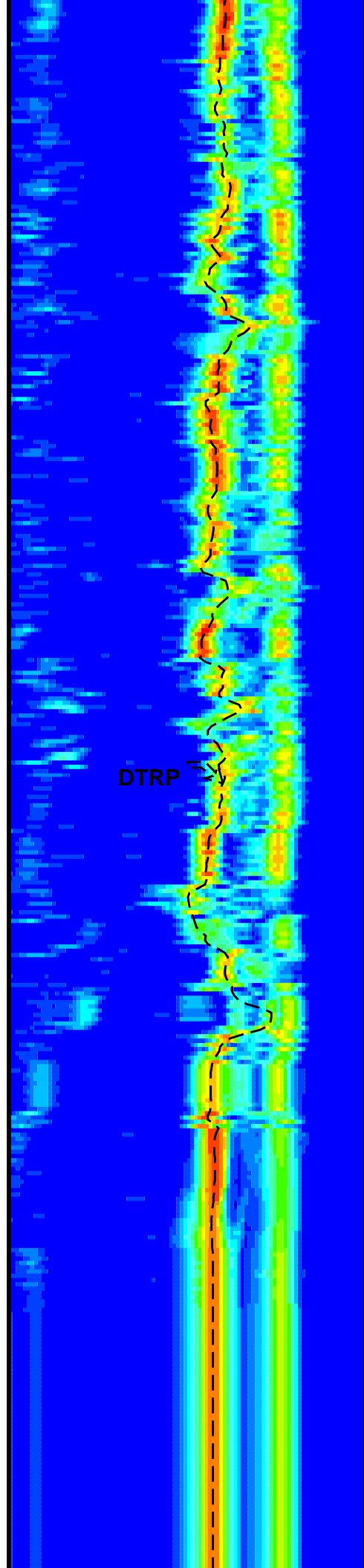
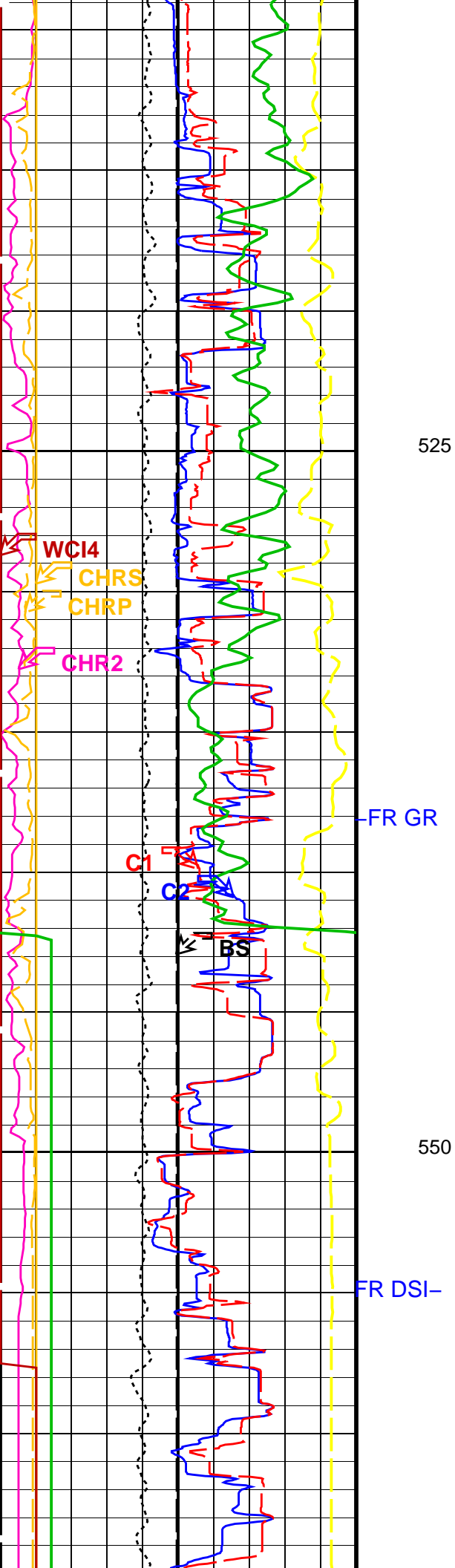


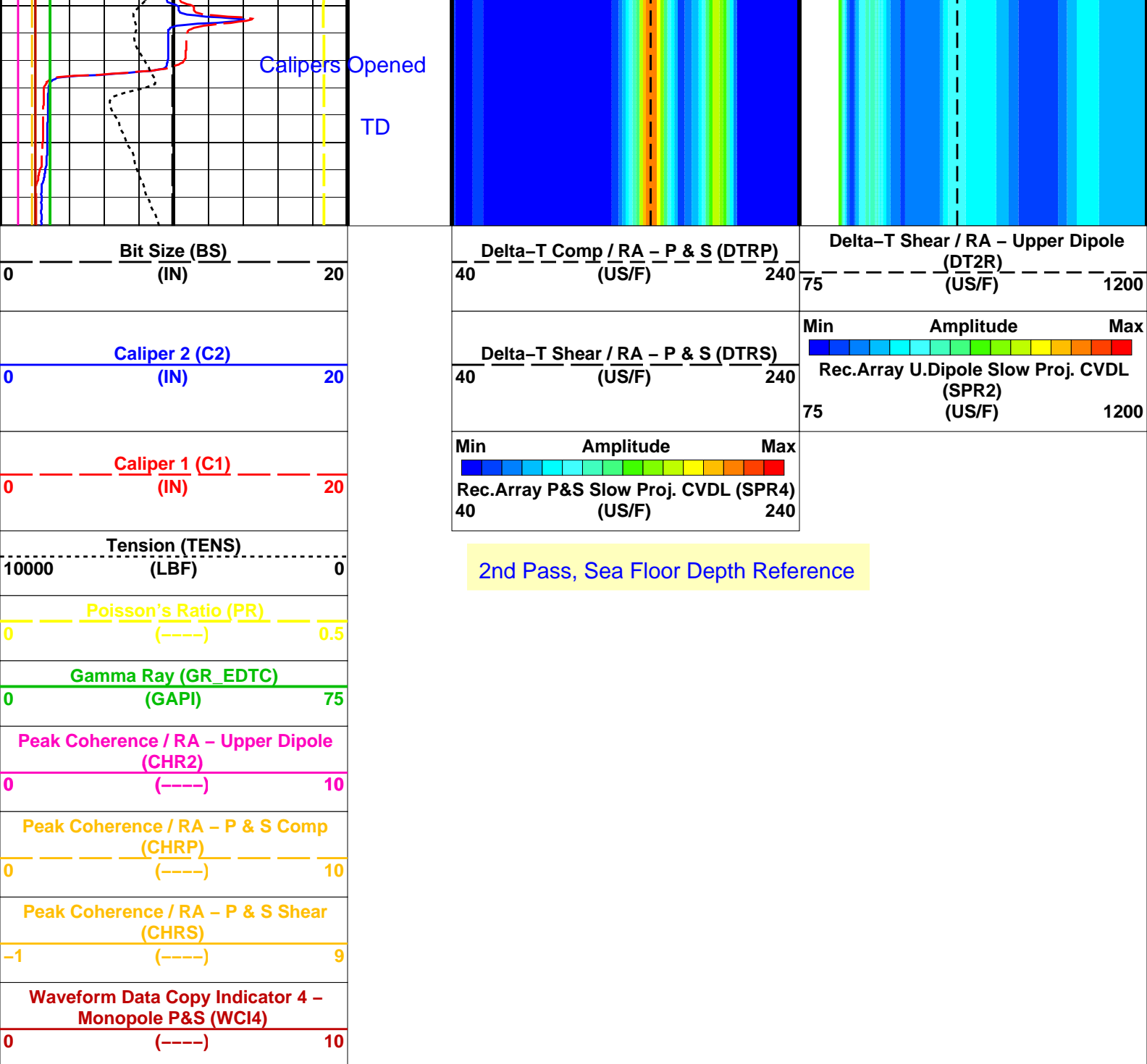


475

500







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	125 US/F
COUL	Label Slowness Upper Limit - Monopole P&S Compressional	195 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	200 US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	1200 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	195 US/F
DTSS	Shear Delta-T Source for DTSM Channel	LOWER DIPOLE

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	
LFC	Label Formation Character – Monopole P&S	COMP_FIRST	
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	32	
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	BCR	
SAS2	STC Sonic Array Status – Upper Dipole	255	
SAS4	STC Sonic Array Status – Monopole P&S	255	
SBO2	STC Search Band Offset – Upper Dipole	3000	US
SBO4	STC Search Band Offset – Monopole P&S	500	US
SBR4	STC Baseline Removal – Monopole P&S	ON	
SBW2	STC Search Bandwidth – Upper Dipole	8000	US
SBW4	STC Search Bandwidth – Monopole P&S	2000	US
SFC2	STC Formation Character – Upper Dipole	SELECTABLE	
SFC4	STC Formation Character – Monopole P&S	SELECTABLE	
SFM2	STC Filter – Upper Dipole	B1–2K	
SFM4	STC Filter – Monopole P&S	B3–20K	
SHLL	Label Slowness Lower Limit – Monopole P&S Shear	235	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	240	US/F
SLL2	STC Slowness Lower Limit – Upper Dipole	200	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	1200	US/F
SUL2	STC Slowness Upper Limit – Upper Dipole	1200	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	1200	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	20200	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	
HNGB–BA: Hostile Natural Gamma Ray Sonde			
BHS	Borehole Status	OPEN	
EDTC–B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

Format: DSST_P_S_UPPER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 06–Jul–2013 13:13

OP System Version: 19C0–187

MEST–B	19C0–187	DTA–A	8453
DSST–B	19C0–187	HNGC–B	19C0–187
HNGB–BA	19C0–187	EDTC–B	SKK–5169–EDTCB

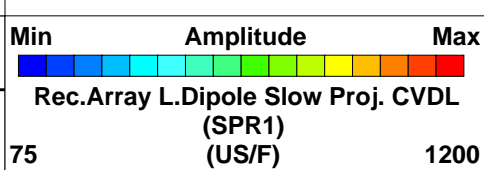
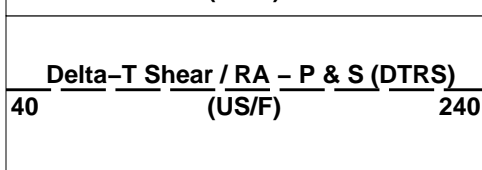
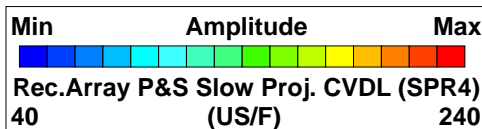
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Output DLIS Files						
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Company: Lamont Doherty Earth Observatory				Well: Expedition 341, Site U1417E		
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HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB			

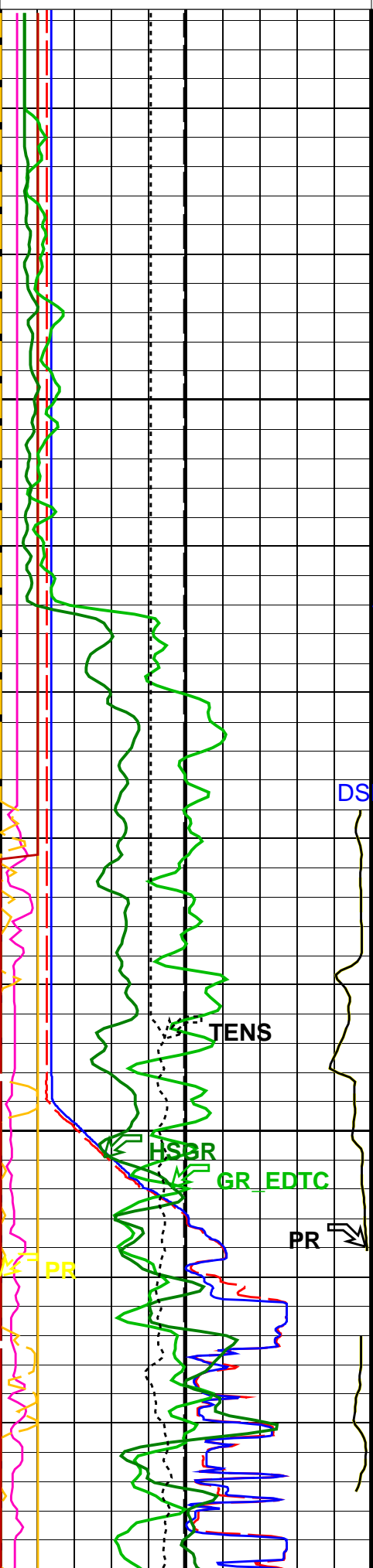
PIP SUMMARY						
Time Mark Every 60 S						

HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	75
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
Poisson's Ratio (PR)		
0	(----)	0.5
Tension (TENS)		
10000	(LBF)	0
Poisson's Ratio (PR)		
0	(----)	0.5
Caliper 2 (C2)		
0	(IN)	20
Caliper 1 (C1)		
0	(IN)	20

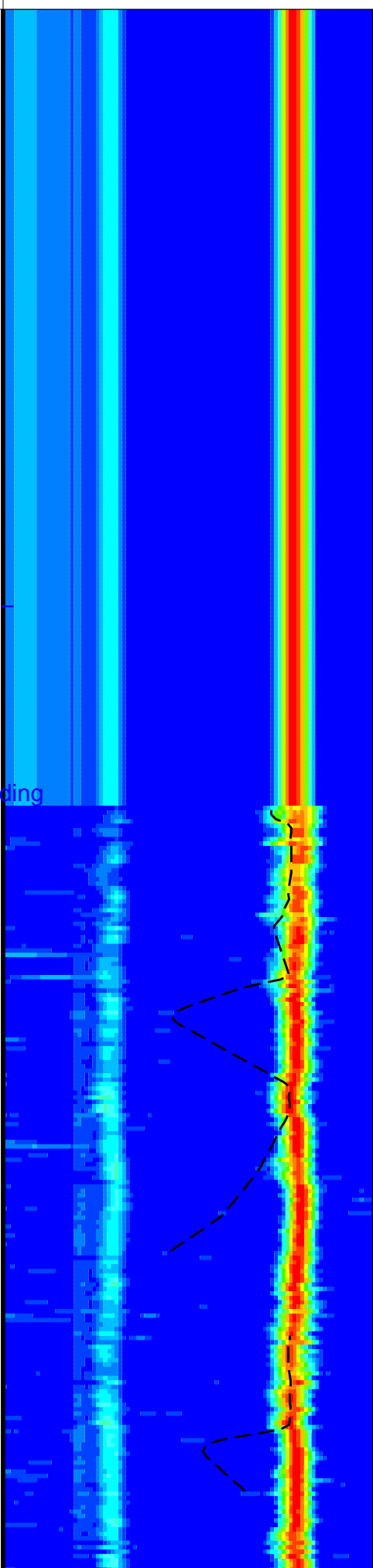


2nd Pass, Sea Floor Depth Reference

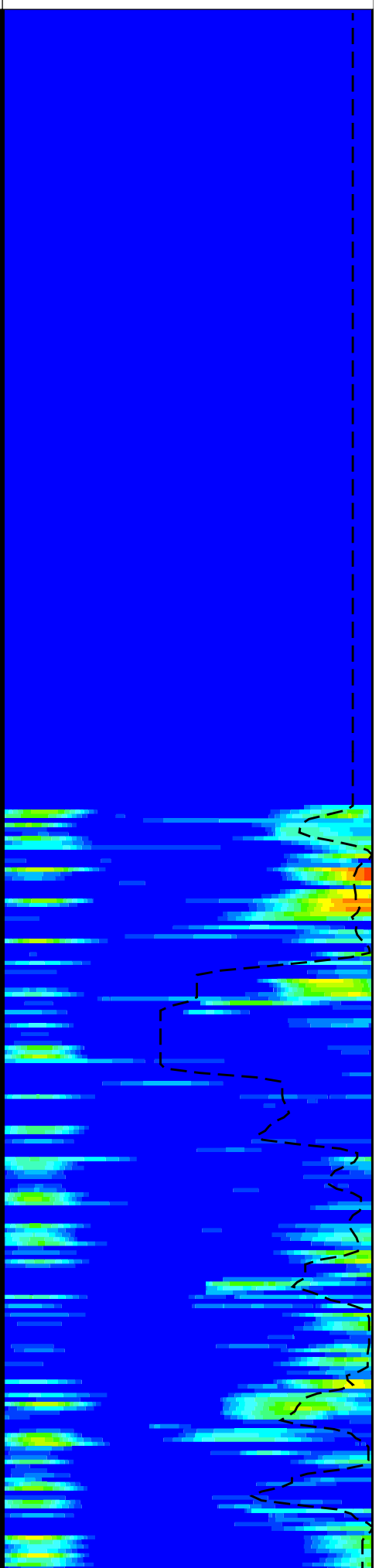
Bit Size (BS)
(IN) 0 20



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



Delta-T Shear / RA - Lower Dipole
(DT1R) (US/F) 75 1200



75

Drill Pipe

DS Last Reading

100

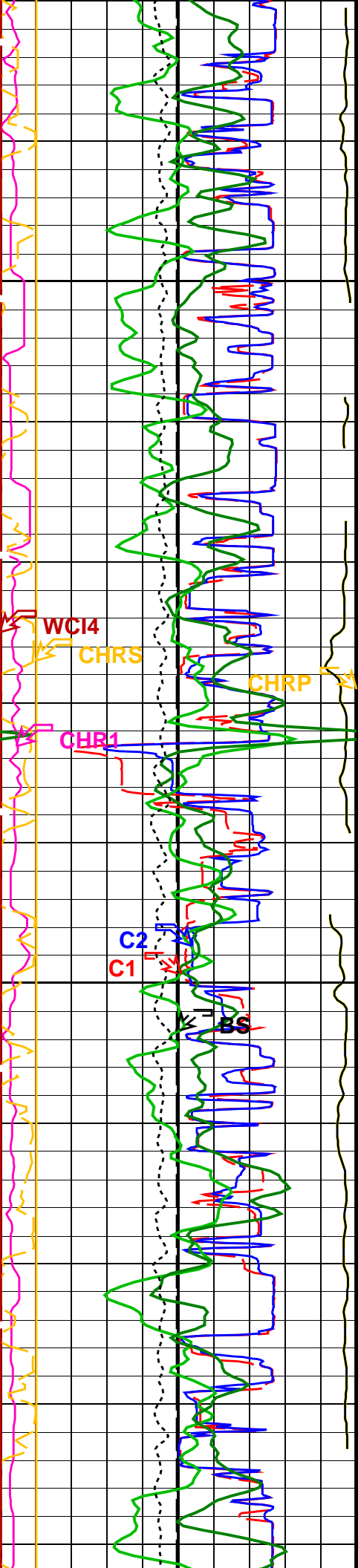
TENS

HSR

GR_EDTC

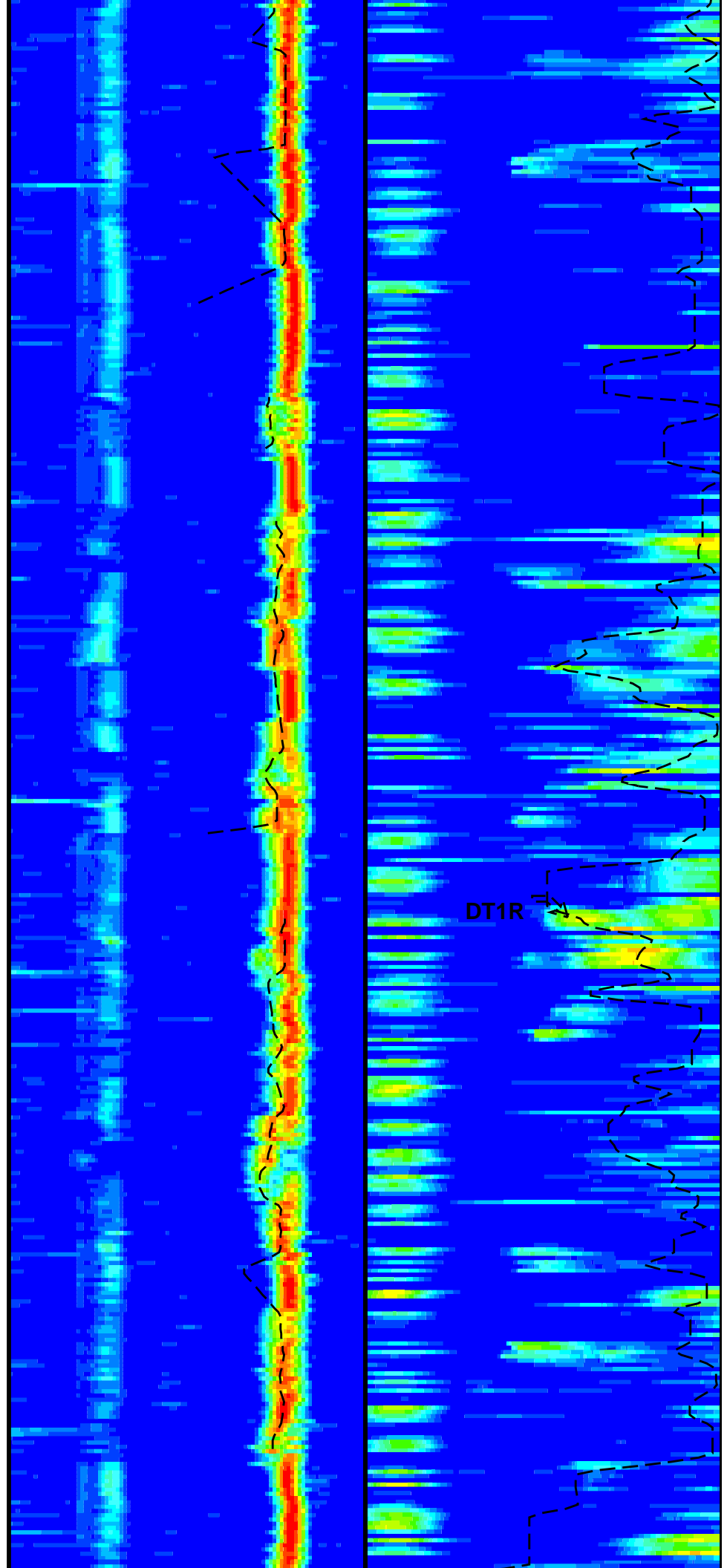
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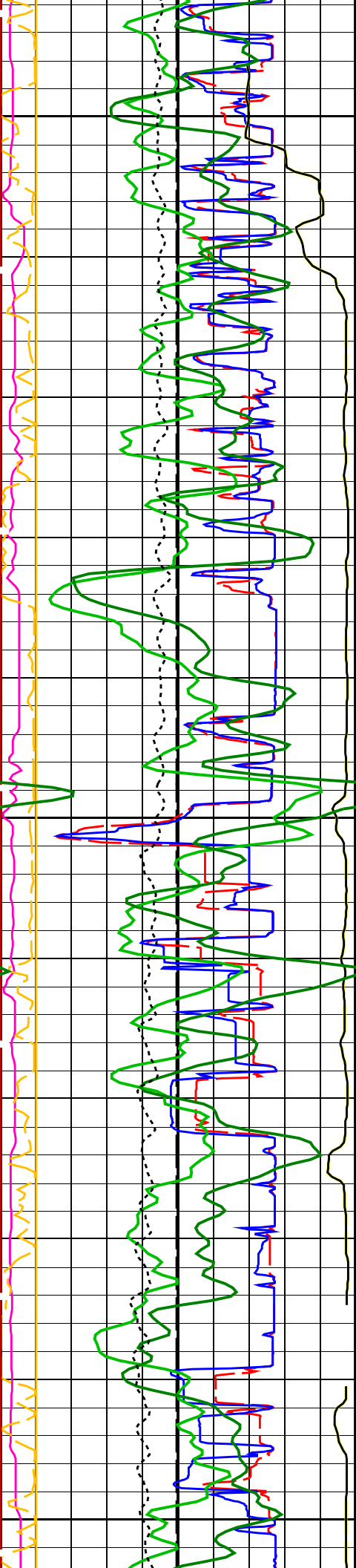
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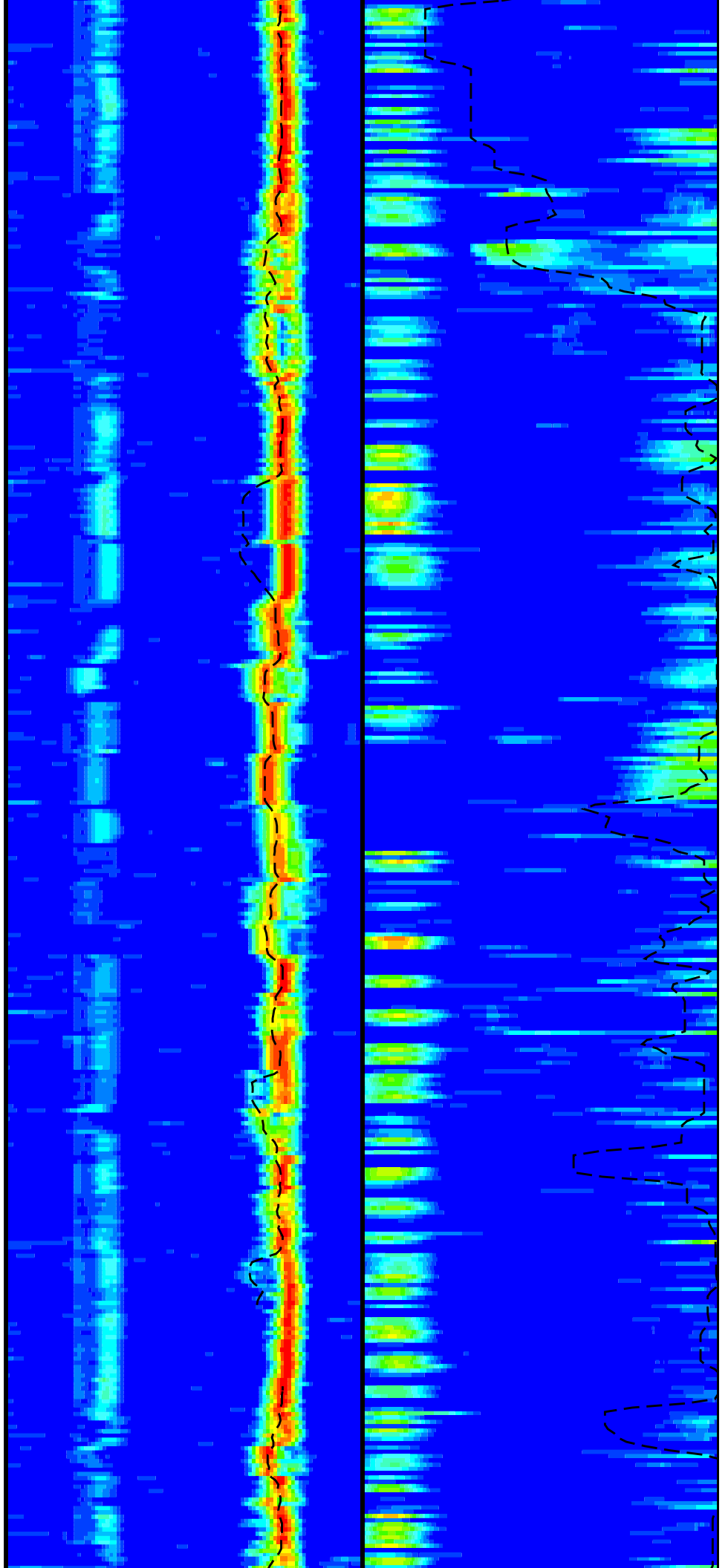


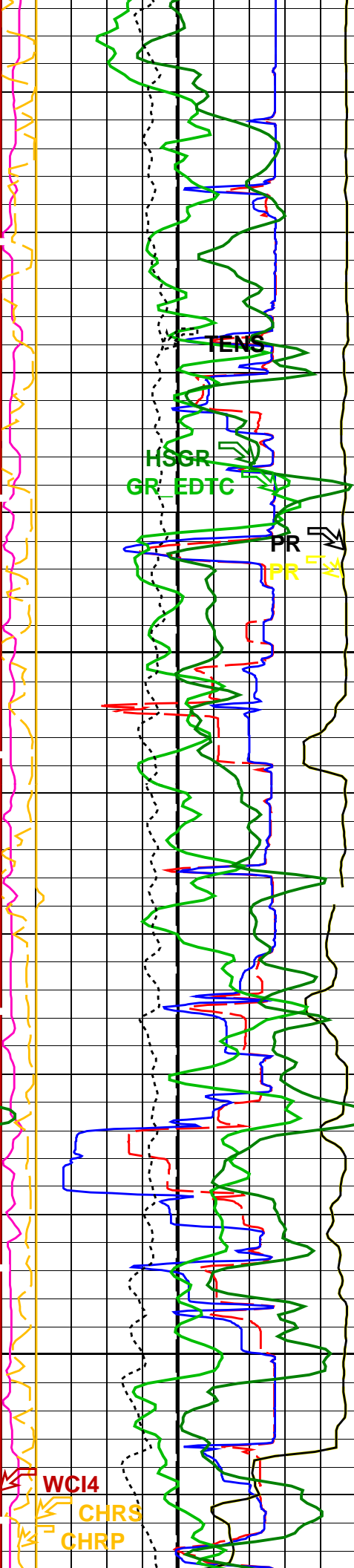


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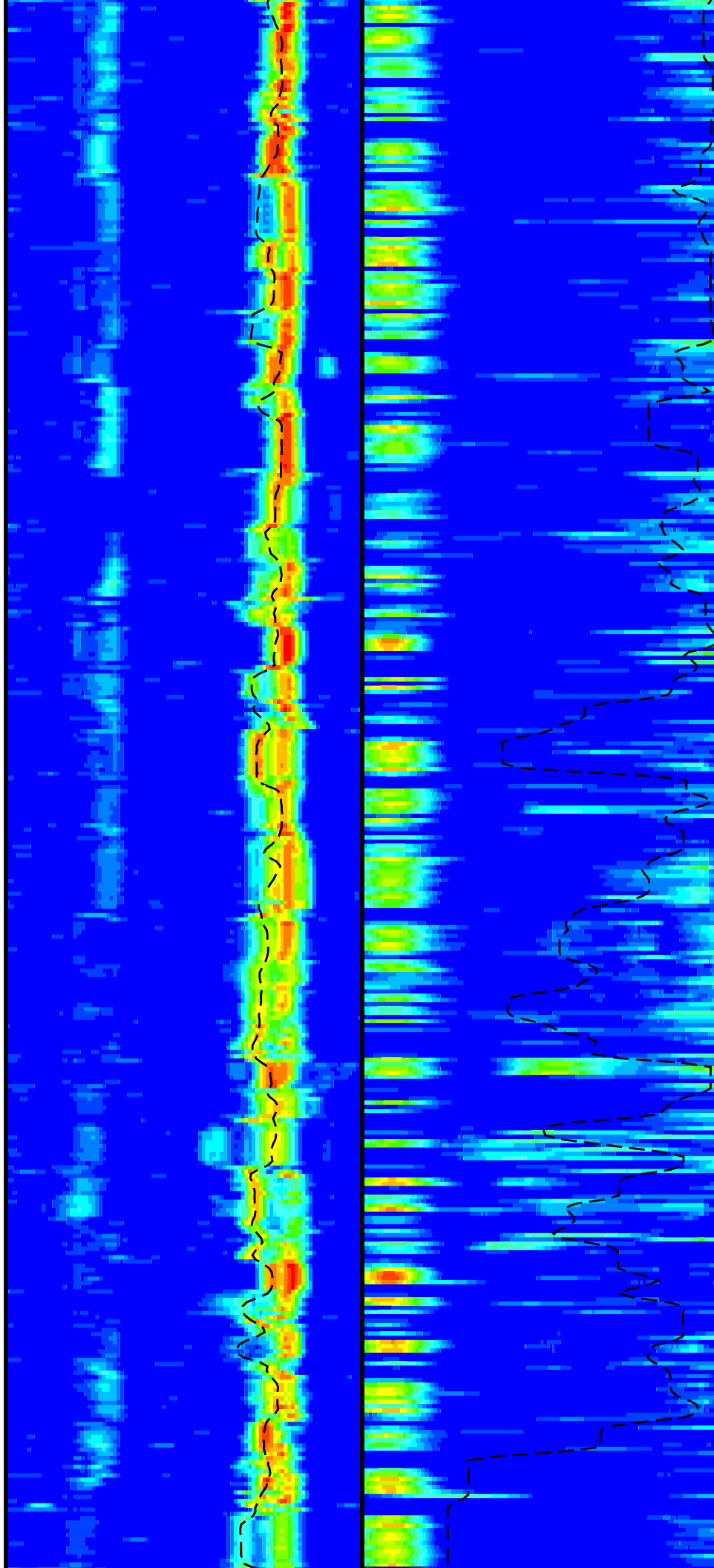
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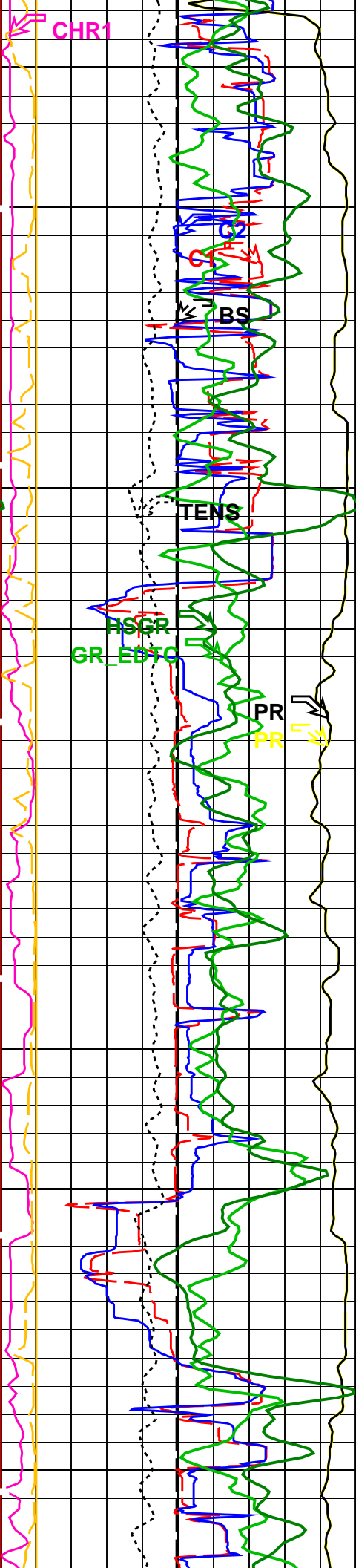




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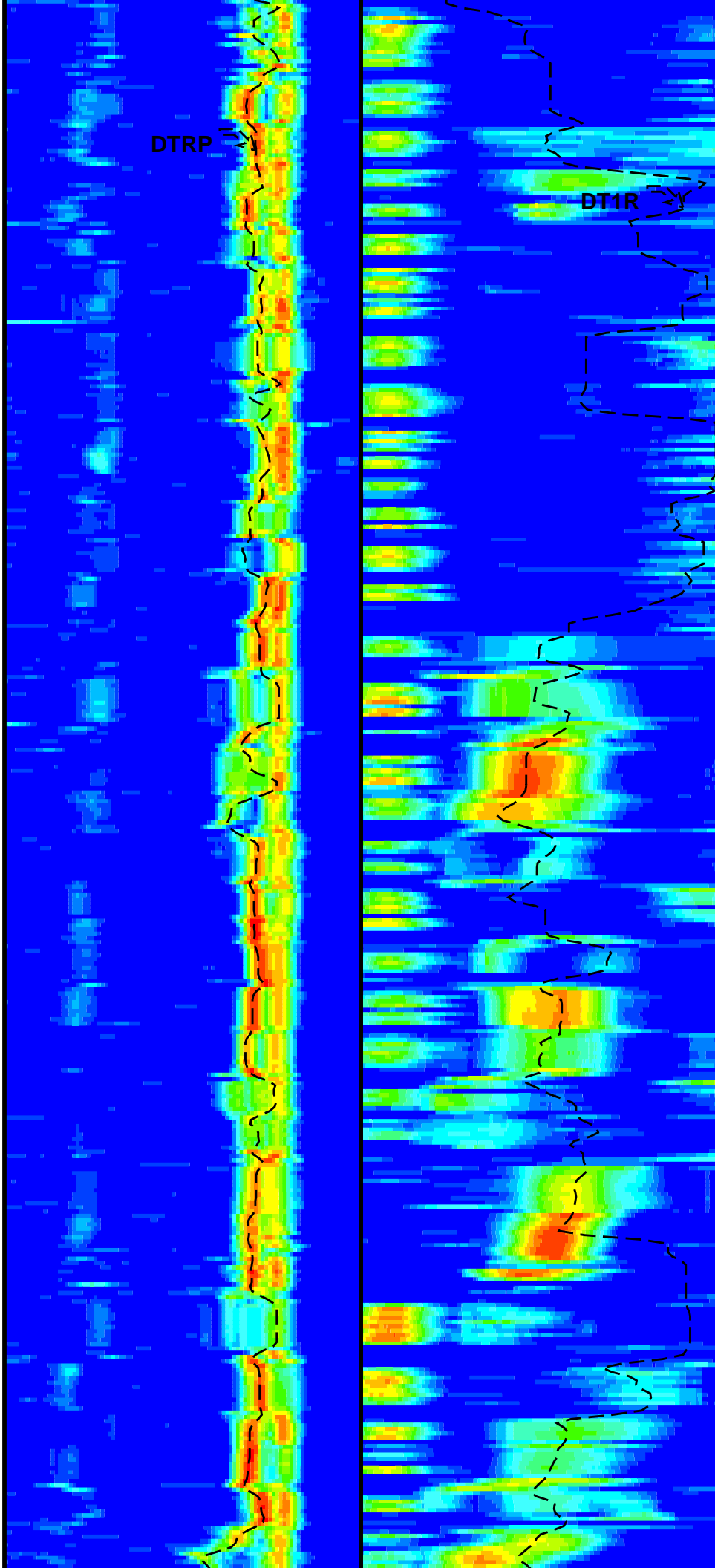
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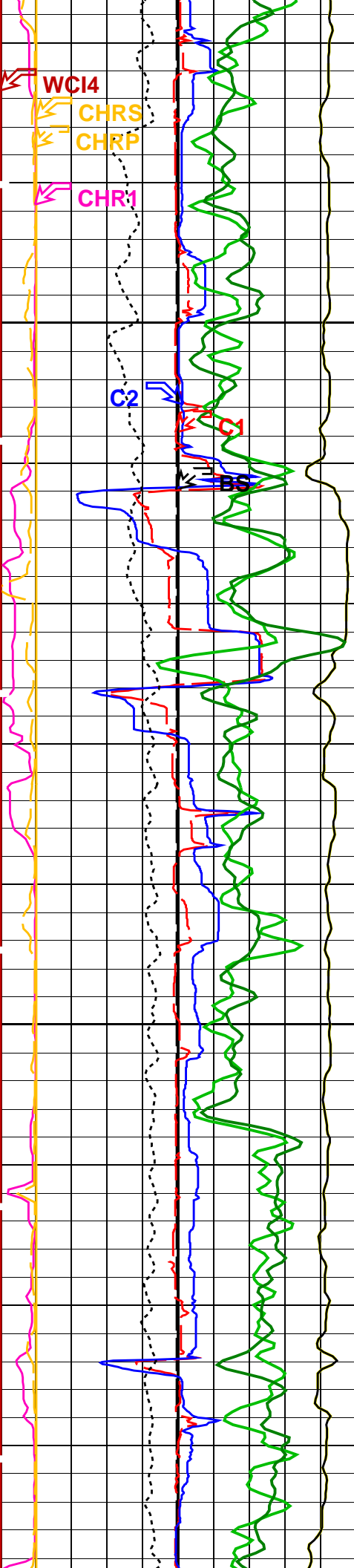




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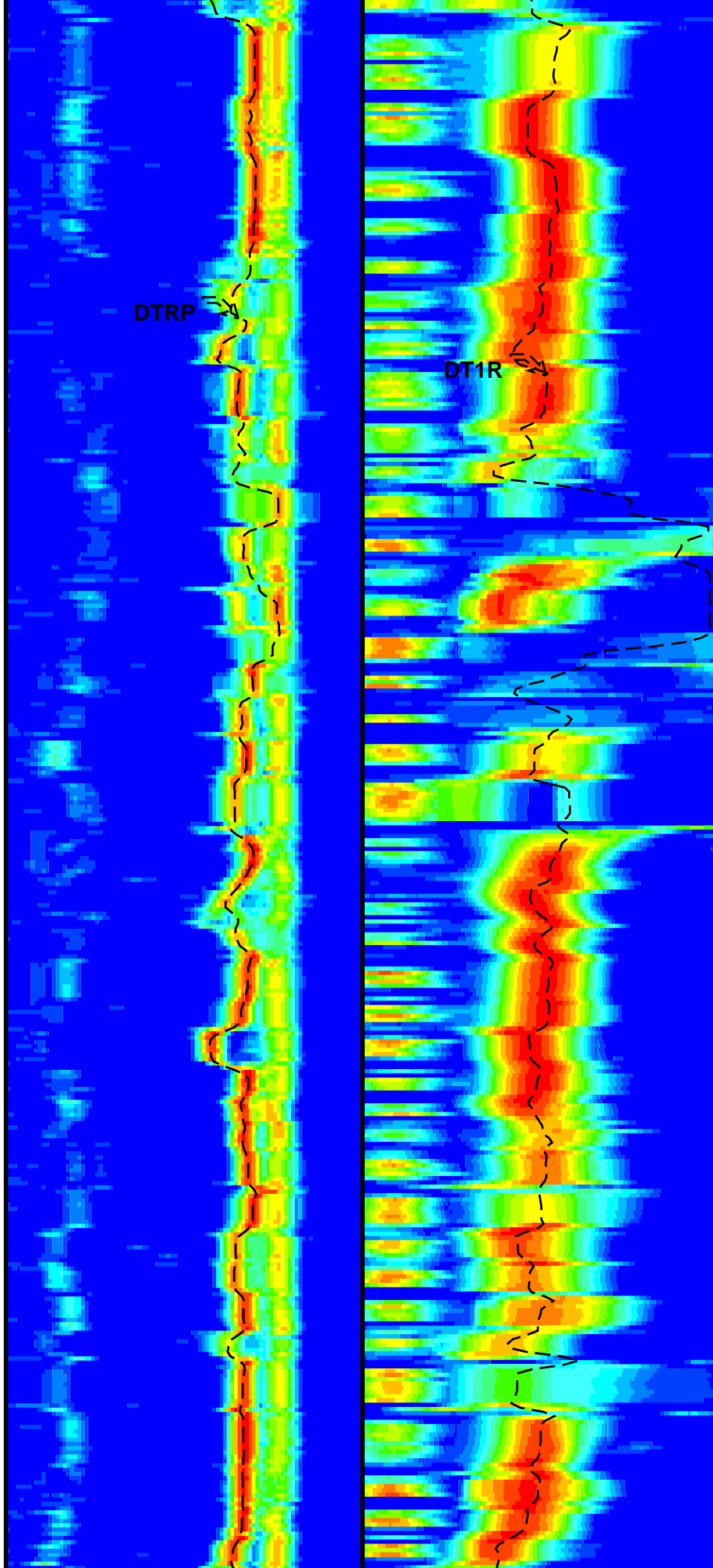
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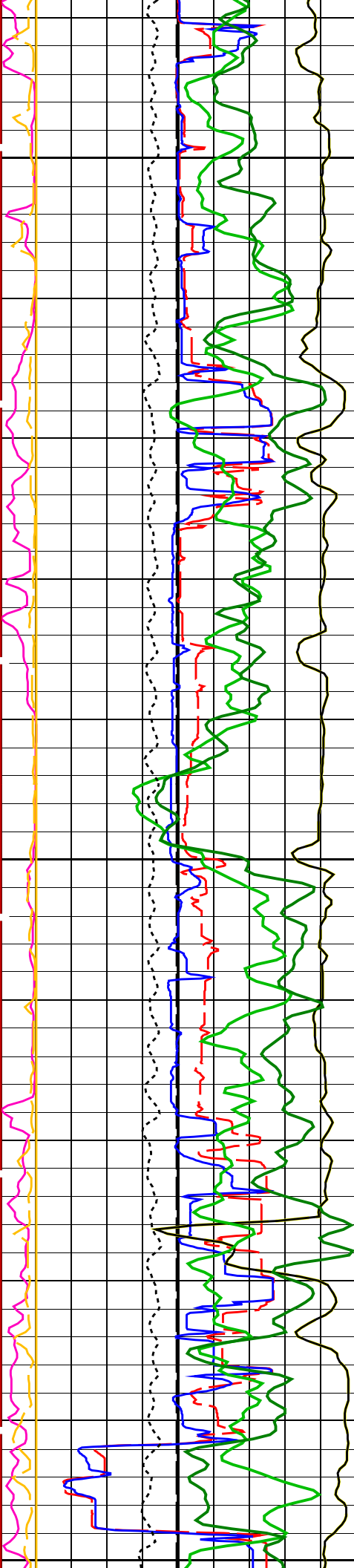




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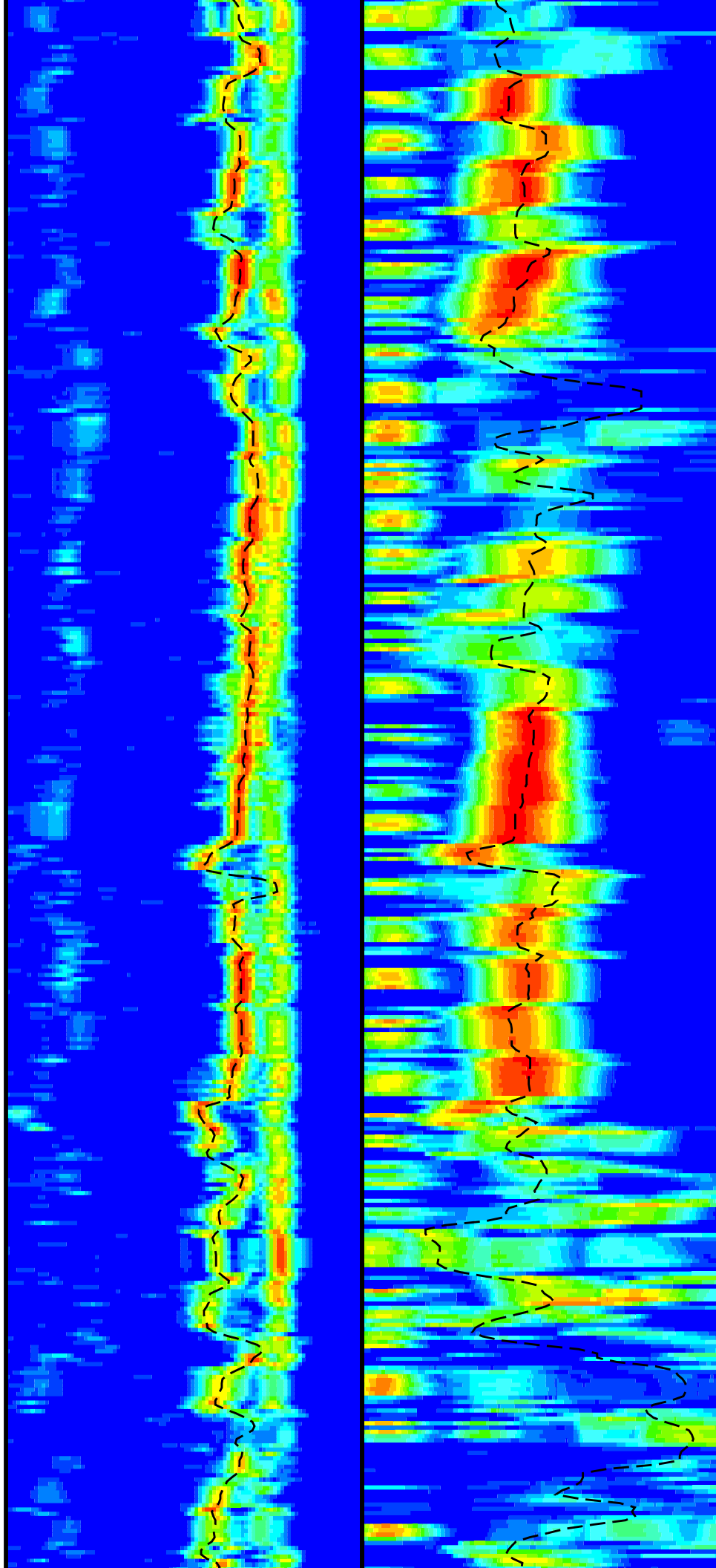


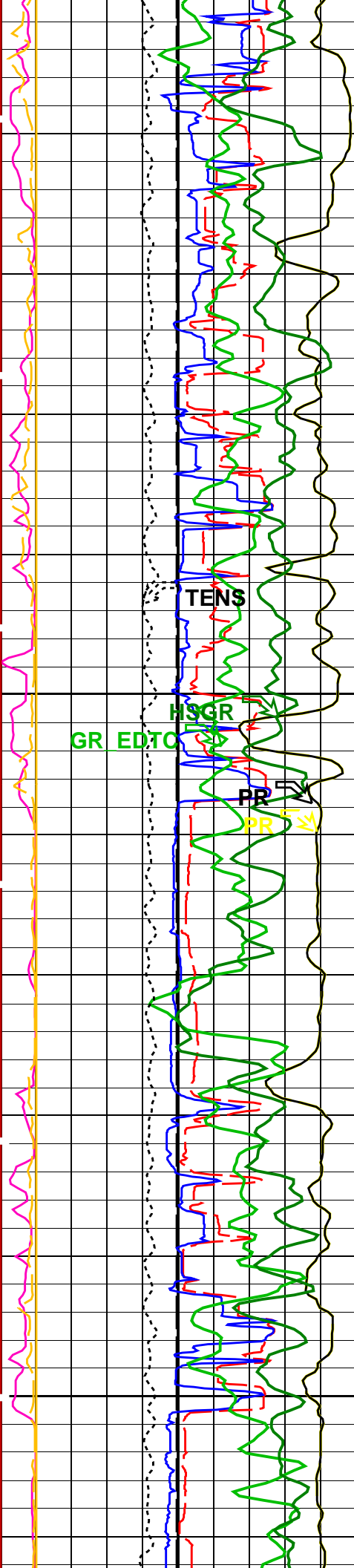


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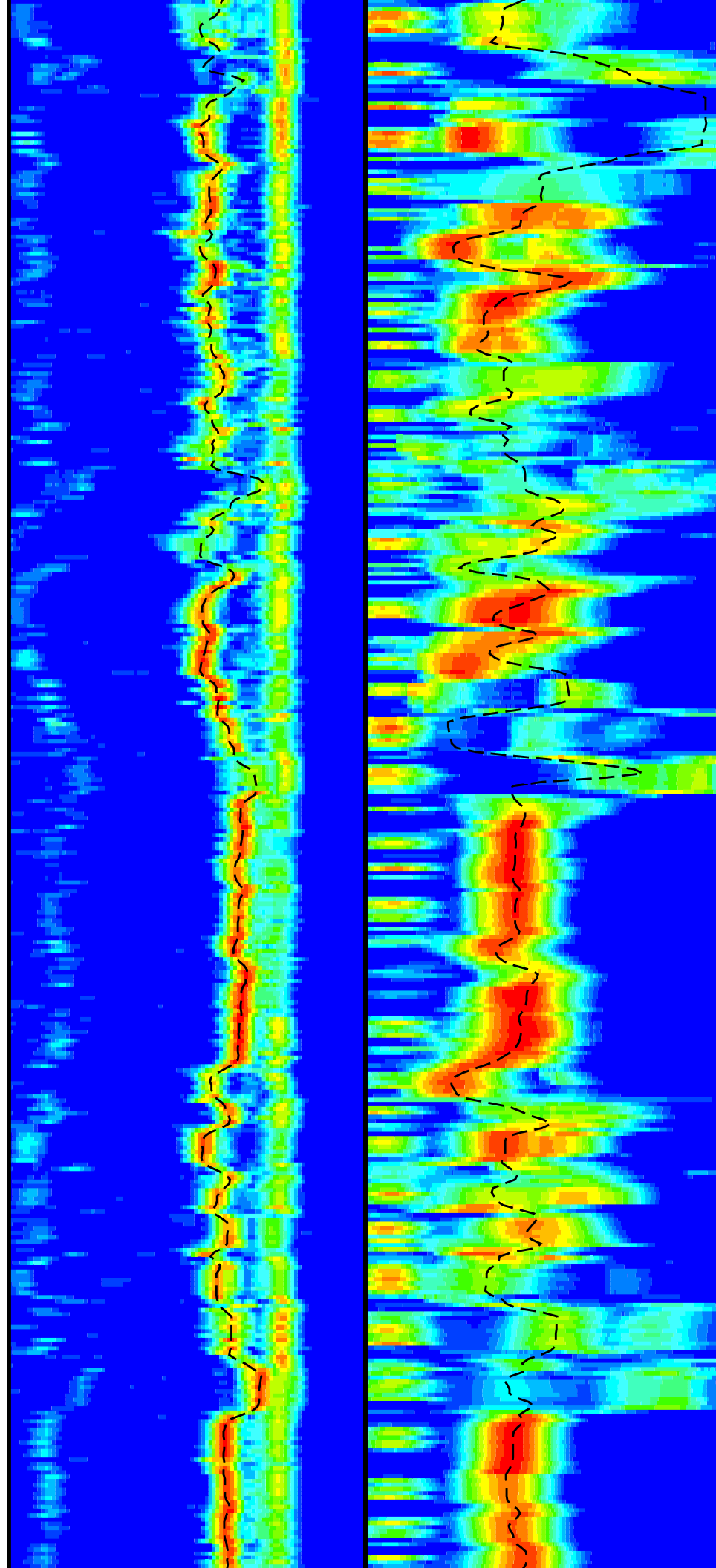
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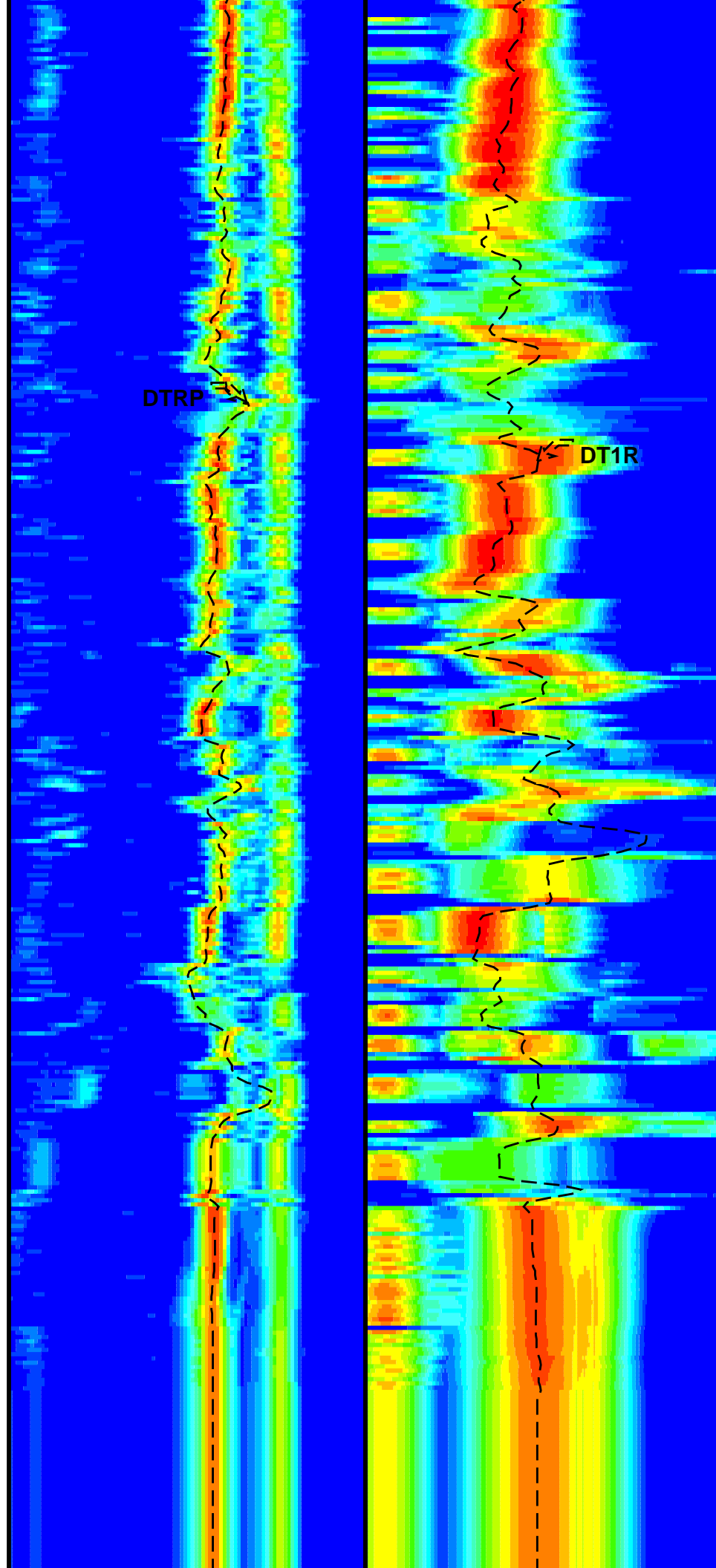
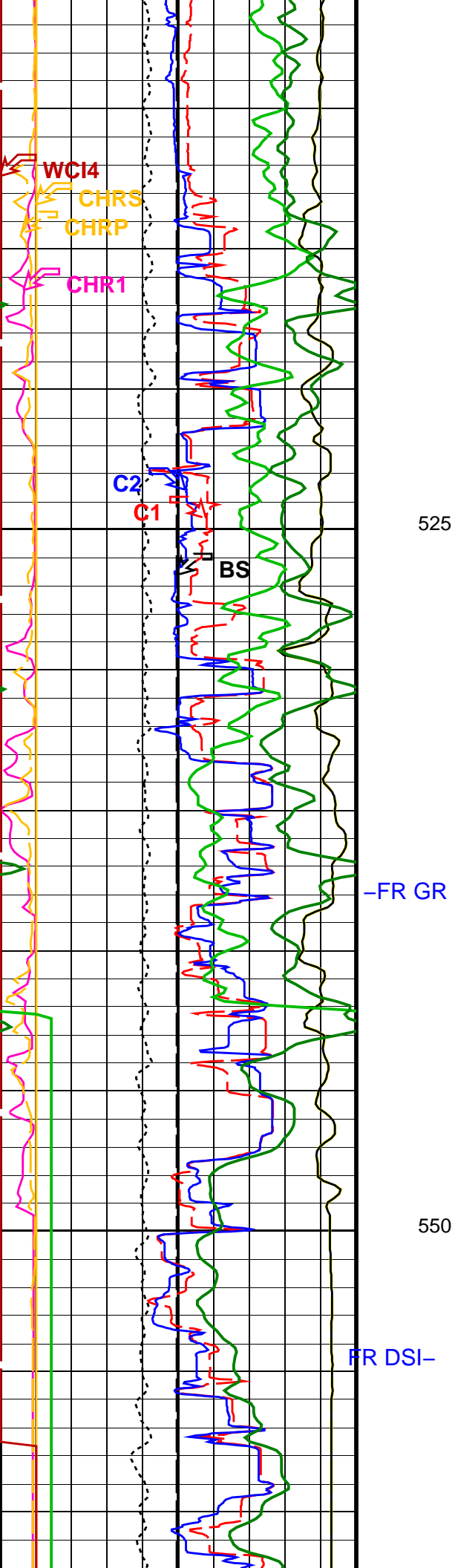


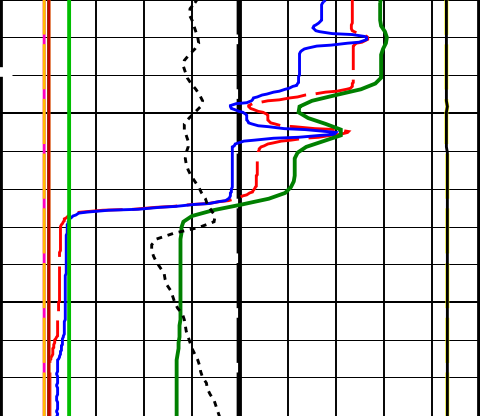


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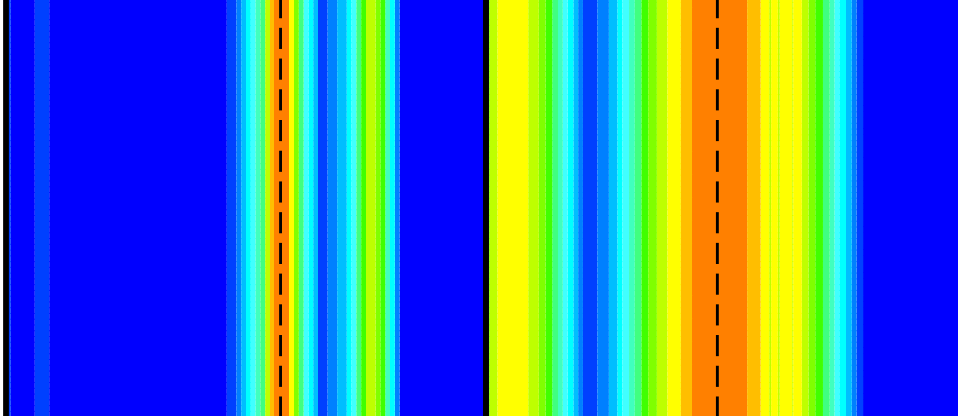
500







TD



Bit Size (BS) (IN)		
0		20
Caliper 1 (C1) (IN)		
0		20
Caliper 2 (C2) (IN)		
0		20
Poisson's Ratio (PR) (-----)		
0		0.5
Tension (TENS) (LBF)		
10000		0
Poisson's Ratio (PR) (-----)		
0		0.5
Gamma Ray (GR_EDTC) (GAPI)		
0		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
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)		
0		75

Delta-T Comp / RA - P & S (DTRP) (US/F)		
40		240
Delta-T Shear / RA - Lower Dipole (DT1R) (US/F)		
75		1200
Delta-T Shear / RA - P & S (DTRS) (US/F)		
40		240
Delta-T Shear / RA - P & S (DTRS) (US/F)		
40		240
Delta-T Shear / RA - P & S (DTRS) (US/F)		
40		240

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	125 US/F

COUL	Label Slowness Upper Limit – Monopole P&S Compressional	195	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	200	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	1200	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	195	US/F
DTSS	Shear Delta-T Source for DTSM Channel	LOWER_DIPOLE	
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	
GCSE	Generalized Caliper Selection	C1	
LFC	Label Formation Character – Monopole P&S	COMP_FIRST	
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	235	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	1200	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	20440	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	

HNGS–BA: Hostile Natural Gamma Ray Sonde

BAR1	HNGS Detector 1 Barite Constant	1	
BAR2	HNGS Detector 2 Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN

CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	C1	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	0.00153395	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	CENT	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.01359	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.996702	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	C1	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.03	G/C3
DO	Depth Offset for Playback	-4200.0	M
PP	Playback Processing	OFF	

Format: DSST_P_S_LOWER_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 23-Jun-2013 14:48

OP System Version: 19C0-187

MEST-B	19C0-187	DTA-A	8453
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

Input DLIS Files

DEFAULT	FMS_DSI_NGS_060PUP	FN:85	PRODUCER	23-Jun-2013 11:29	4773.2 M	4261.6 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_081PUP	FN:105	PRODUCER	23-Jun-2013 14:48
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Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
Micro Electrical Scanner - B (Slim) Wellsite Calibration - Caliper Calibration							
Before: 8-Jun-2013 4:52							
Caliper 1 Zero Measurement	12.00	N/A	12.03	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	12.00	N/A	12.11	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.19	N/A	15.20	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.19	N/A	15.38	N/A	N/A	N/A	IN
Micro Electrical Scanner - B (Slim) Wellsite Calibration - CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: 21-Jun-2013 19:41							
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: 21-Jun-2013 19:41							
TEMPERATURE REFERENCE :	N/A	N/A	23	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	9	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	507	N/A	N/A	N/A	
Hostile Natural Gamma Ray Sonde Wellsite Calibration - Detector 1 Check							
Master: 22-May-2013 20:18 Before: 5-Jun-2013 5:31 After: 21-Jun-2013 15:44							
Na 511 Peak Loc	40.00	39.77	39.78	39.85	0.06499	1.000	
Na 511 Peak Res	15.50	15.23	15.40	12.72	-2.674	2.000	%
High Voltage	1150	1161	1143	1151	7.681	N/A	V
Na 1785 Peak Loc	142.6	143.9	143.2	141.3	-1.901	7.000	
Na 1785 Peak Res	8.500	7.558	8.088	7.759	-0.3289	2.000	%

Temperature	15.50	16.49	14.24	16.34	2.107	N/A	DEGC
Na Count Rate	45.00	14.90	15.37	14.04	-1.332	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 2 Check							
Master: 22–May–2013 20:18	Before: 5–Jun–2013 5:31	After: 21–Jun–2013 15:44					
Na 511 Peak Loc	40.00	39.67	39.68	39.51	-0.1639	1.000	
Na 511 Peak Res	15.50	15.00	15.05	15.43	0.3853	2.000	%
High Voltage	1150	1082	1074	1085	11.62	N/A	V
Na 1785 Peak Loc	142.6	141.4	140.3	143.0	2.653	7.000	
Na 1785 Peak Res	8.500	9.134	8.027	9.053	1.026	2.000	%
Temperature	15.50	16.94	14.41	18.12	3.704	N/A	DEGC
Na Count Rate	45.00	14.58	15.20	14.08	-1.128	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Ratio Of Detector 1 To Detector 2							
Master: 22–May–2013 20:18	Before: 5–Jun–2013 5:31	After: 21–Jun–2013 15:44					
Coincidence Count Rate Ratio	1.000	1.024	1.014	0.9996	-0.01401	0.05000	
Hostile Natural Gamma Ray Sonde Master Calibration – Detector 1 Calibration							
Master: 22–May–2013 20:18							
Na 511 Peak Set Point	40.00	41.00	--	--	--	--	
Th Peak Loc	209.6	211.4	--	--	--	--	
Th Peak Res	7.000	6.972	--	--	--	--	%
Background Count Rate	142.5	18.97	--	--	--	--	CPS
Gain Ratio	1.000	1.011	--	--	--	--	
Hostile Natural Gamma Ray Sonde Master Calibration – Detector 2 Calibration							
Master: 22–May–2013 20:18							
Na 511 Peak Set Point	40.00	41.00	--	--	--	--	
Th Peak Loc	209.6	208.8	--	--	--	--	
Th Peak Res	7.000	6.474	--	--	--	--	%
Background Count Rate	142.5	18.20	--	--	--	--	CPS
Gain Ratio	1.000	1.001	--	--	--	--	
Enhanced DTS Cartridge Wellsite Calibration – EDTC Accelerometer Calibration							
Before: 21–Jun–2013 19:41							
EDTC Z–Axis Acceleration	9.810	N/A	9.771	N/A	N/A	N/A	M/S2
Enhanced DTS Cartridge Wellsite Calibration – Detector Calibration							
Before: Calibration out of date	5–Jun–2013 5:18	After: Calibration not done					
Gamma Ray (Jig – Bkg)	156.4	N/A	156.4	N/A	N/A	0.09091	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	724
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	769

Hostile Natural Gamma Ray Cartridge – B / Equipment Identification

Primary Equipment:

HNGC Cartridge	HNGC – B	300
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Auxiliary Equipment:

HNGC Housing	HNGH – A	115
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Hostile Natural Gamma Ray Sonde / Equipment Identification

Primary Equipment:

HNGS Sonde	HNGS – BA	194
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Auxiliary Equipment:

HNGS Sonde Housing	HNSH – BA	205
Gamma Source Radioactive	GSR – U	616008

Phase	Na 511 Peak Set Point		Value	Phase	Th Peak Loc		Value	Phase	Th Peak Res %		Value	
Master	<div><div></div></div>		41.00	Master	<div><div></div></div>		211.4	Master	<div><div></div></div>		6.972	
38.00 (Minimum)			40.00 (Nominal)	201.0 (Minimum)			209.6 (Nominal)	5.000 (Minimum)			7.000 (Nominal)	9.000 (Maximum)
218.3 (Maximum)				218.3 (Maximum)								
Phase	Background Count Rate CPS		Value	Phase	Gain Ratio		Value					
Master	<div><div></div></div>		18.97	Master	<div><div></div></div>		1.011					
10.00 (Minimum)			142.5 (Nominal)	0.9400 (Minimum)			1.000 (Nominal)	1.060 (Maximum)				
Master: 22-May-2013 20:18												

Hostile Natural Gamma Ray Sonde Master Calibration														
Detector 2 Calibration														
Phase	Na 511 Peak Set Point			Value	Phase	Th Peak Loc			Value	Phase	Th Peak Res %			Value
Master	<div><div></div></div>			41.00	Master	<div><div></div></div>			208.8	Master	<div><div></div></div>			6.474
	38.00 (Minimum)	40.00 (Nominal)	43.00 (Maximum)		201.0 (Minimum)	209.6 (Nominal)	218.3 (Maximum)			5.000 (Minimum)	7.000 (Nominal)	9.000 (Maximum)		
Phase	Background Count Rate CPS			Value	Phase	Gain Ratio			Value					
Master	<div><div></div></div>			18.20	Master	<div><div></div></div>			1.001					
	10.00 (Minimum)	142.5 (Nominal)	265.0 (Maximum)		0.9400 (Minimum)	1.000 (Nominal)	1.060 (Maximum)							
Master: 22-May-2013 20:18														

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

Company: **Lamont Doherty Earth Observatory**

Schlumberger

Well: **Expedition 341, Site U1417E**

Field: **Southern Alaska Margin Tectonics**

Rig: **JOIDES Resolution**

Ocean: **Pacific**

Dipole Shear Sonic Imager (DSI)
Upper/Lower Dipole Shear / BCR(SAMX)
Monopole Compressional and Stonely / GR