



Company: International Ocean Discovery Program

Well: **Expedition 400, Site U1608A**

Field: **NW Greenland Glaciated Margin**Rig: **JOIDES Resolution** Country: **Greenland**

Rig: JOIDES Resolution Field: NW Greenland Glaciated Margin Location: Latitude: N 74° 07.6818' Well: Expedition 400, Site U1608A Company: International Ocean Discovery Program	HNGS, HLDS, HRLA, DSI, MSS Gamma, Density, Resistivity, Sonic, Mag			
	LOCATION	Latitude: N 74° 07.6818' Longitude: W 60° 58.3172'		Elev.: K.B. 0.00 m G.L. -618.40 m D.F. 0.00 m
		Permanent Datum: Sea Floor		Elev.: -618.40 m
		Log Measured From: Rig Floor		618.40 m above Perm. Datum
		Drilling Measured From: Rig Floor		
Ocean: Arctic Ocean	Max. Well Deviation 0 deg		Longitude W 60° 58.3172'	Latitude N 74° 07.6818'

Logging Date			29-Sep-2023					
Run Number			1					
Depth Driller			1179.4 m					
Schlumberger Depth			1177 m					
Bottom Log Interval			1177 m					
Top Log Interval			600 m					
Casing Driller Size @ Depth			0.000 in @ 0 m			@		
Casing Schlumberger			0 m					
Bit Size			9.875 in					
Type Fluid In Hole			Seawater					
MUD	Density	Viscosity	9 lbm/gal					
	Fluid Loss	PH		8.07				
	Source Of Sample		Mudpit					
RM @ Measured Temperature			0.220 ohm.m @ 23 degC			@		
RMF @ Measured Temperature			@			@		
RMC @ Measured Temperature			@			@		
Source RMF	RMC		N/A	N/A				
RM @ MRT	RMF @ MRT		0.455 @ 0	@ 0	@	@		
Maximum Recorded Temperatures			0 degC					
Circulation Stopped		Time	29-Sep-2023		14:00			
Logger On Bottom		Time	24-Sep-2023		23:25			
Unit Number		Location	627314 Larose, LA					
Recorded By			K. Garrett					
Witnessed By			B. Rhinehart					






[illegible]

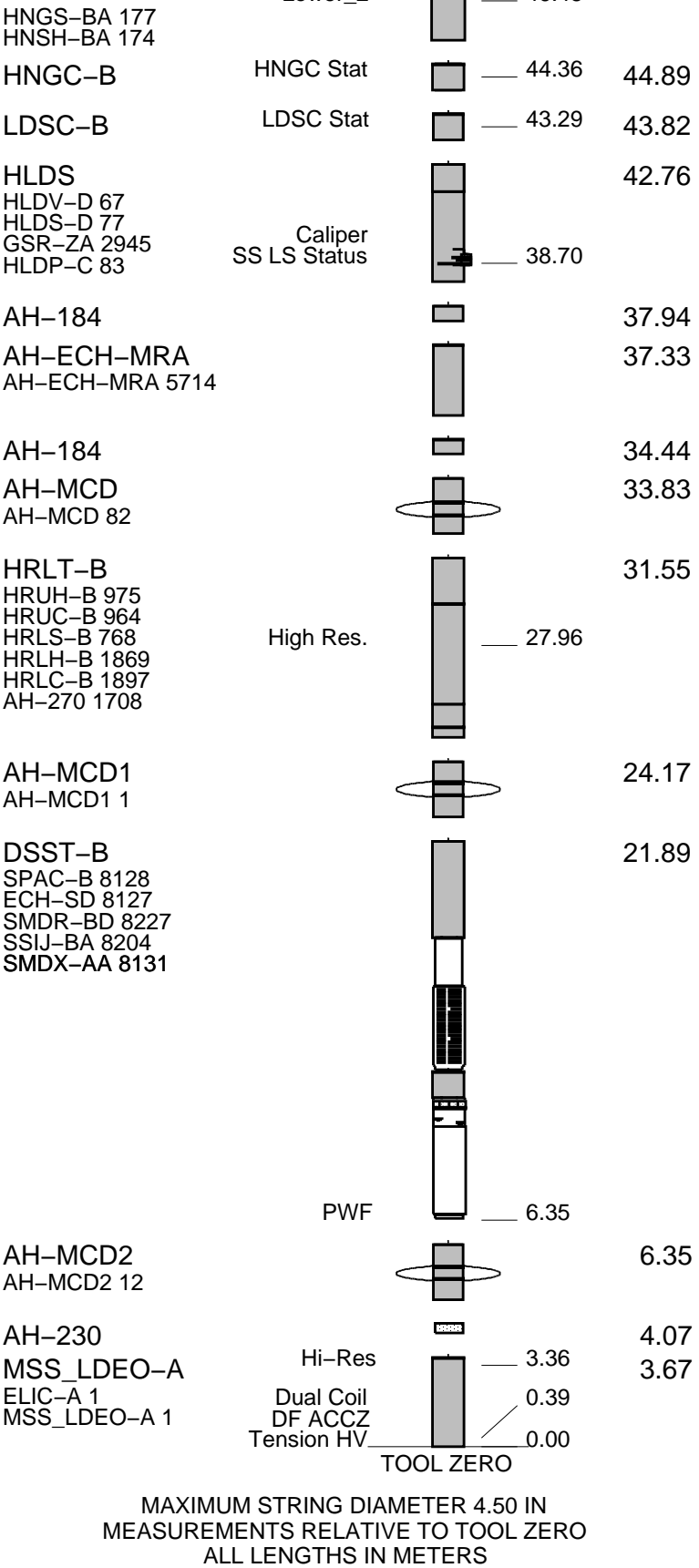
Logging Date				
Run Number				
Depth Driller				
Schlumberger Depth				
Bottom Log Interval				
Top Log Interval				
Casing Driller Size @ Depth		@		
Casing Schlumberger				
Bit Size				
Type Fluid In Hole				
MUD	Density	Viscosity		
	Fluid Loss	PH		
	Source Of Sample			
RM @ Measured Temperature		@		
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				

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.

EQUIPMENT DESCRIPTION	
RUN 1	RUN 2

SURFACE EQUIPMENT				
GSR-U 135 WITM (EDTS)-A				
DOWNHOLE EQUIPMENT				
LEH-QT	MDSB_EDTC		49.37	50.69
	Mud Tempe		48.30	
	CTEM		47.73	49.80
AH-369	Gamma Ray			
EDTC-B	EFTB DIAG			49.37
EDTH-B 8226	TelStatus		47.39	
	EDTCB Ele		46.69	
	Upper_1		46.48	47.39
HNGS-BA	Lower_2			



Schlumberger

Downlog

MAXIS Field Log

Company: International Ocean Discovery Program Well: Expedition 400, Site U1608A

Input DLIS Files					
DEFAULT	Flip_MSS_LDEO_DSI_006LUP	PRODUCER	29-Sep-2023 23:26	1128.1 M	569.2 M

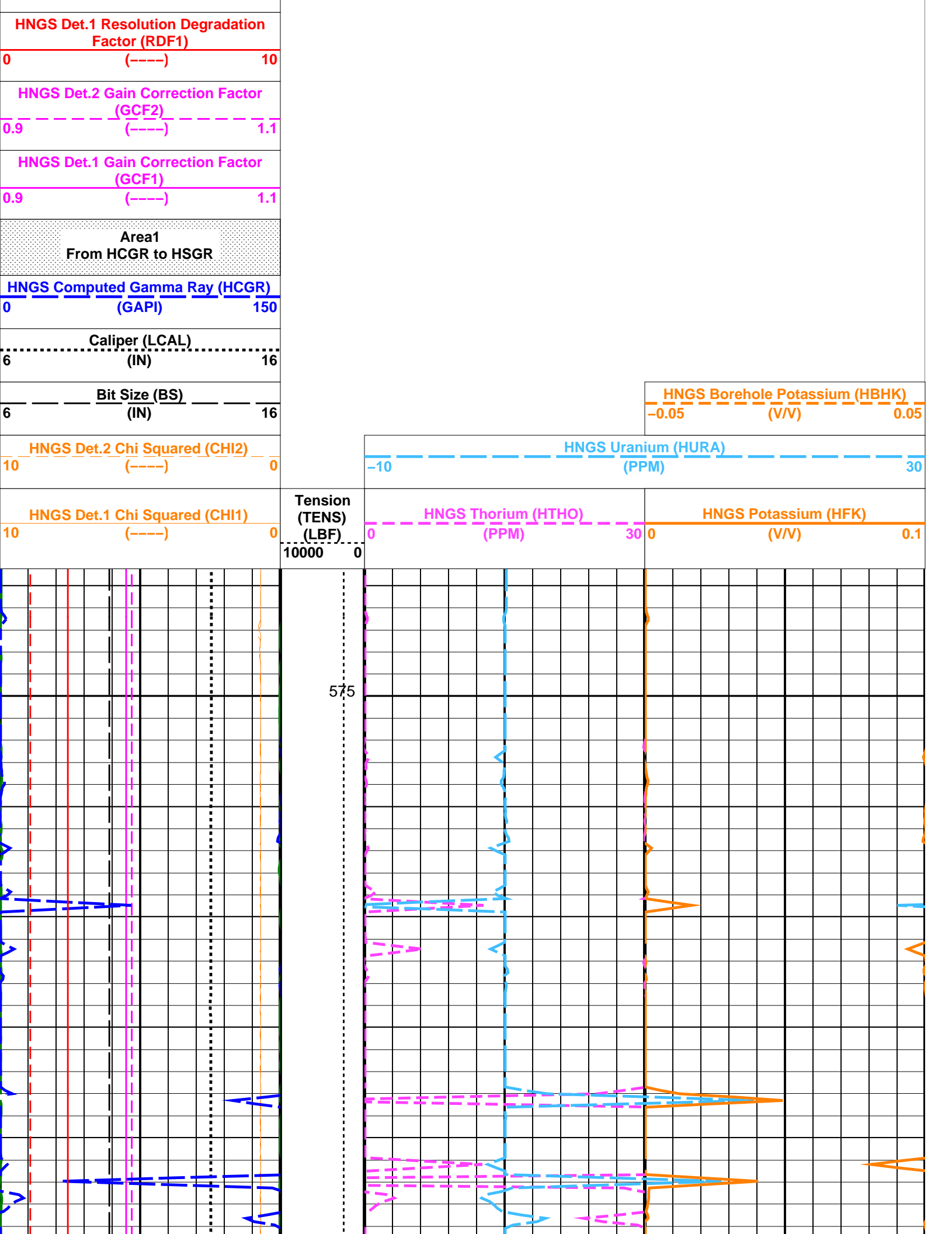
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_009PUP	FN:7	PRODUCER	30-Sep-2023 00:55	1128.1 M 569.2 M

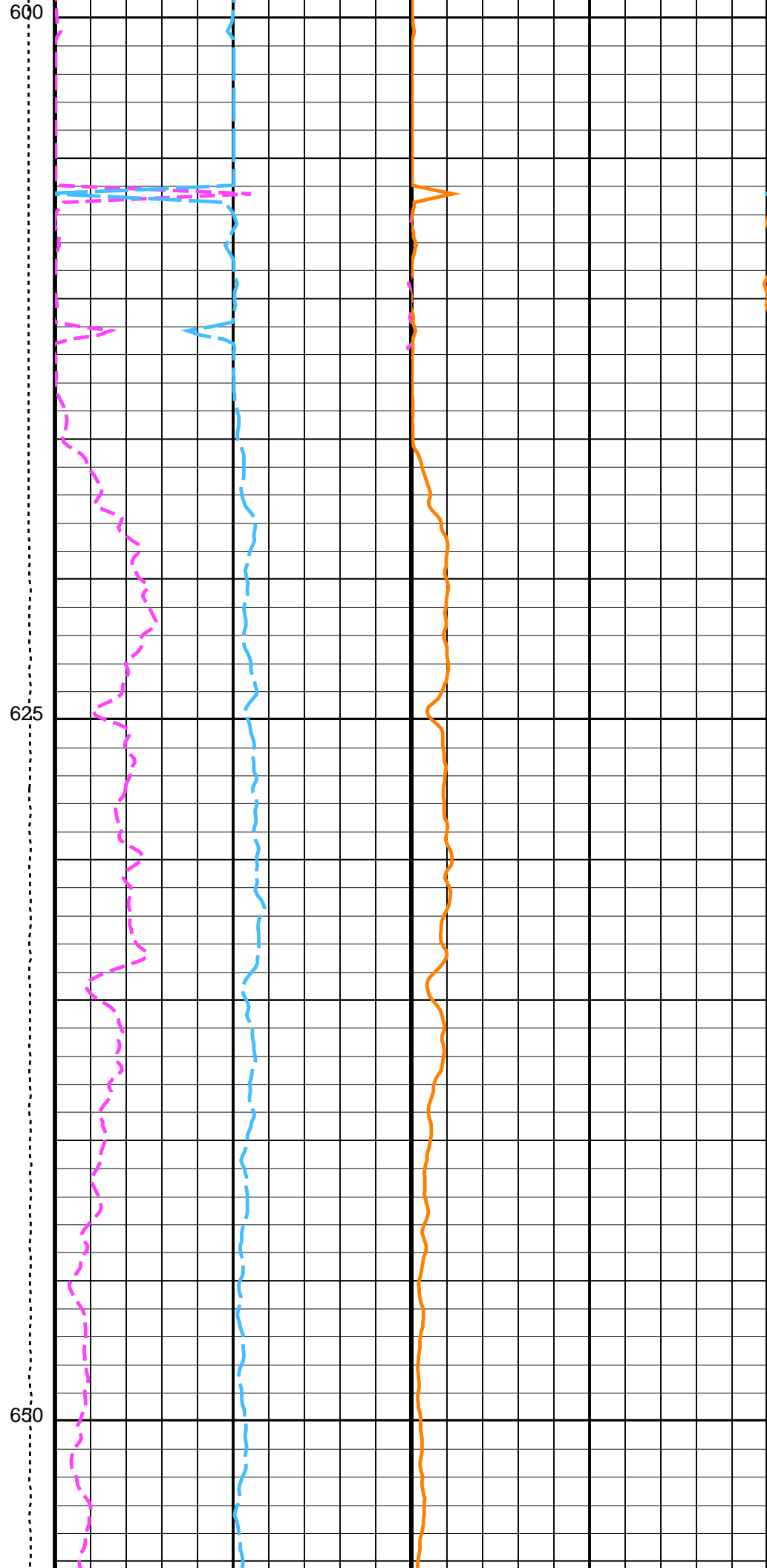
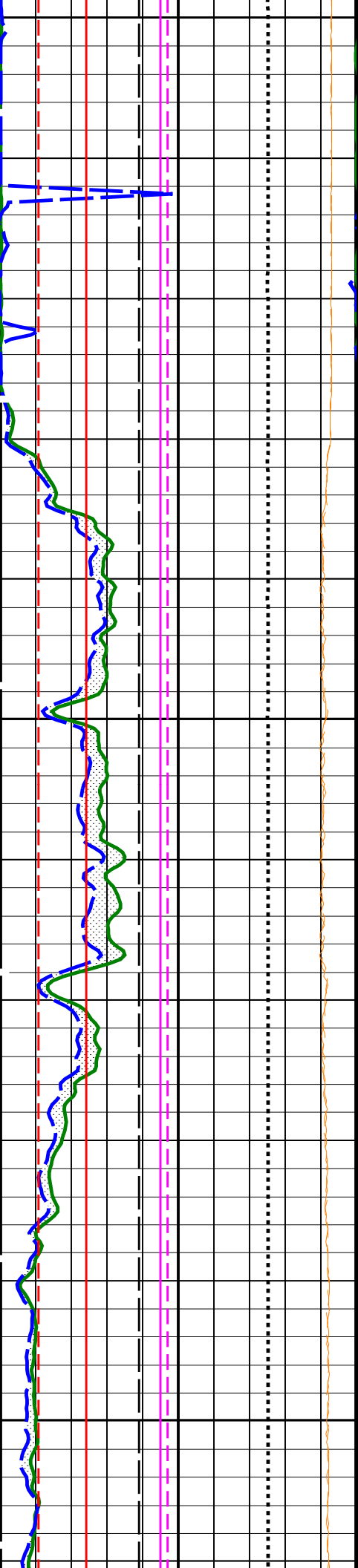
OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	DSST-B	19C0-187		
HRLT-B	19C0-187	HLDS	19C0-187		
LDSC-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		

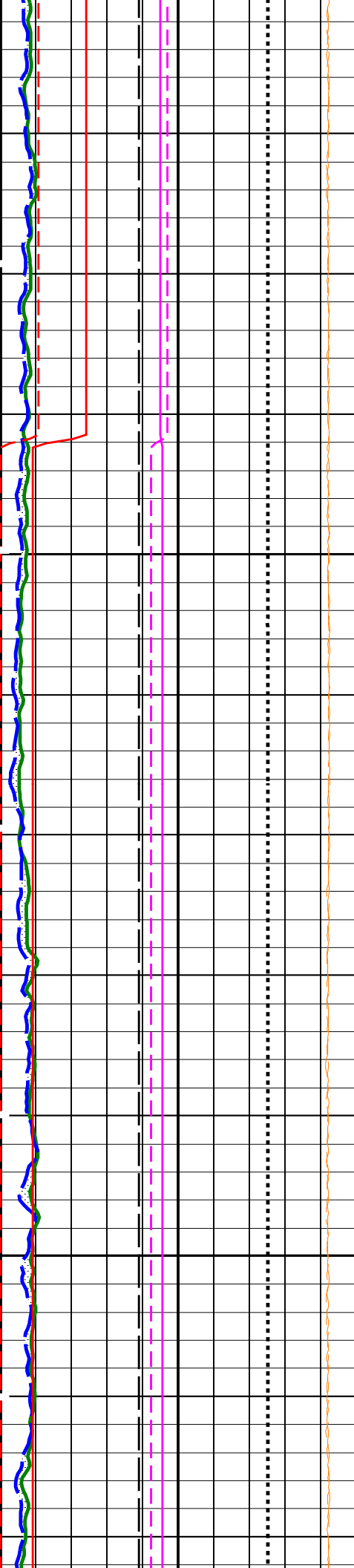
PIP SUMMARY

☐ Time Mark Every 60 S

HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	150
HNGS Det.2 Resolution Degradation Factor (RDF2)		
0	(----	10

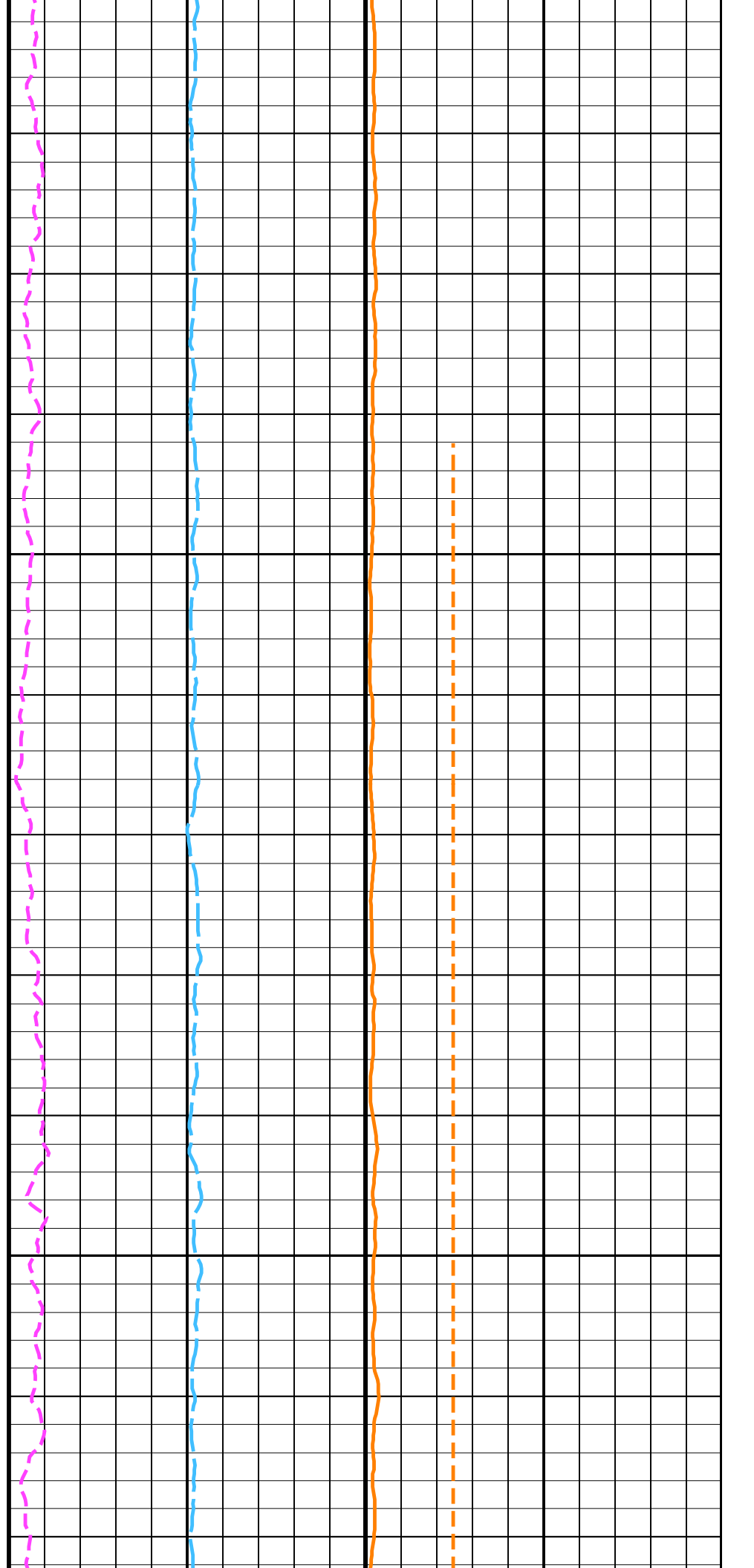


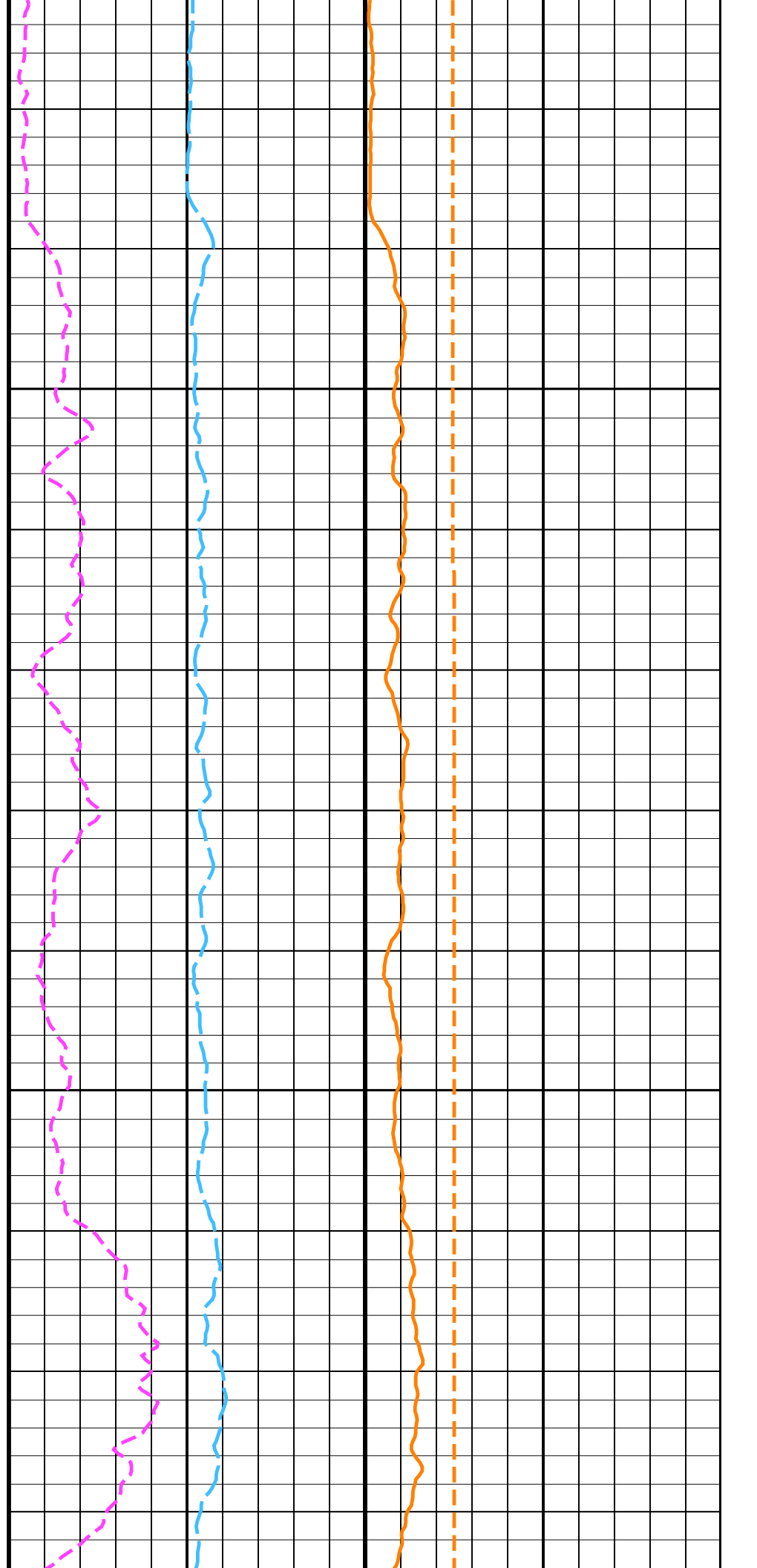
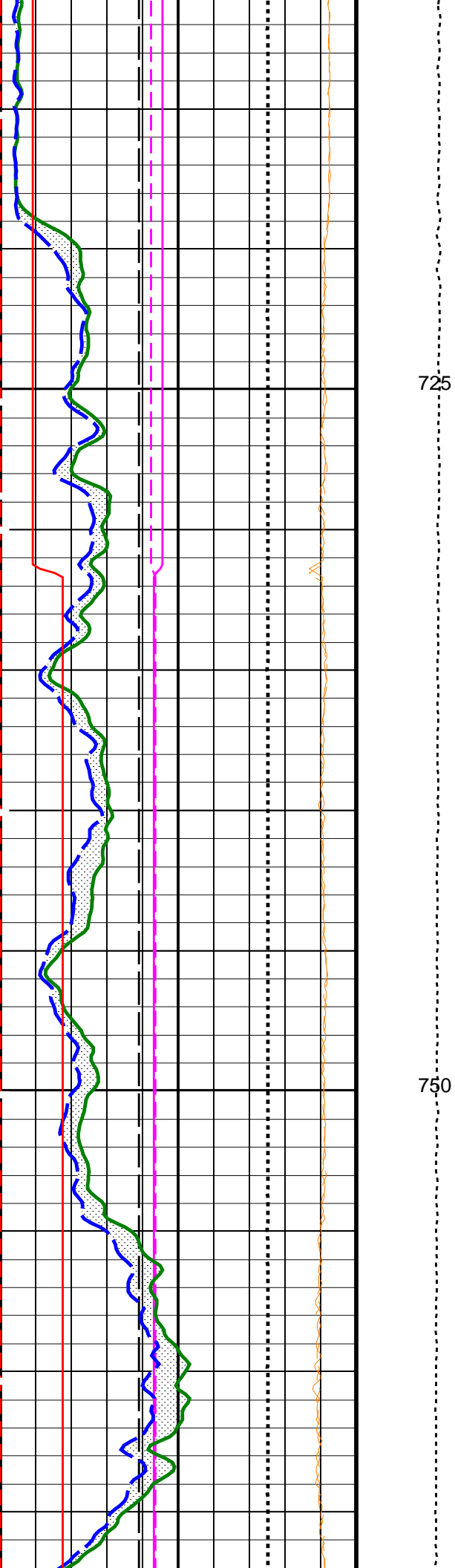


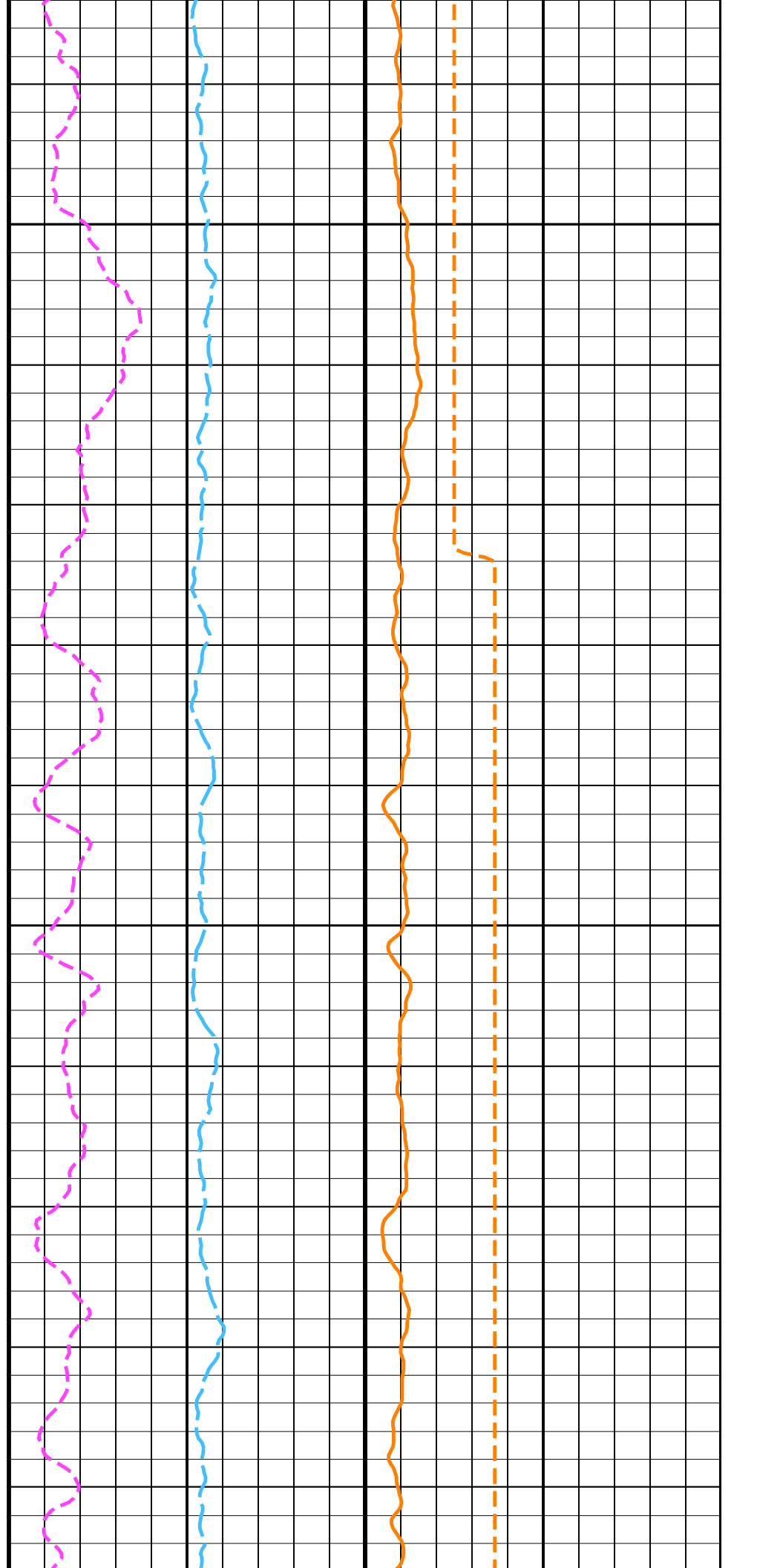
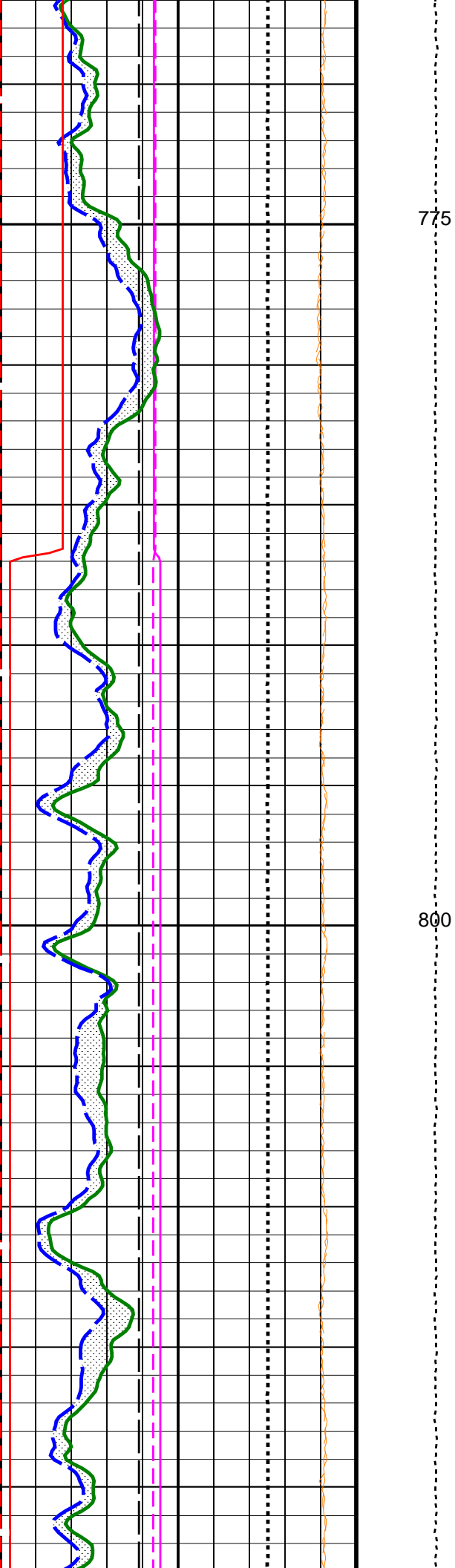


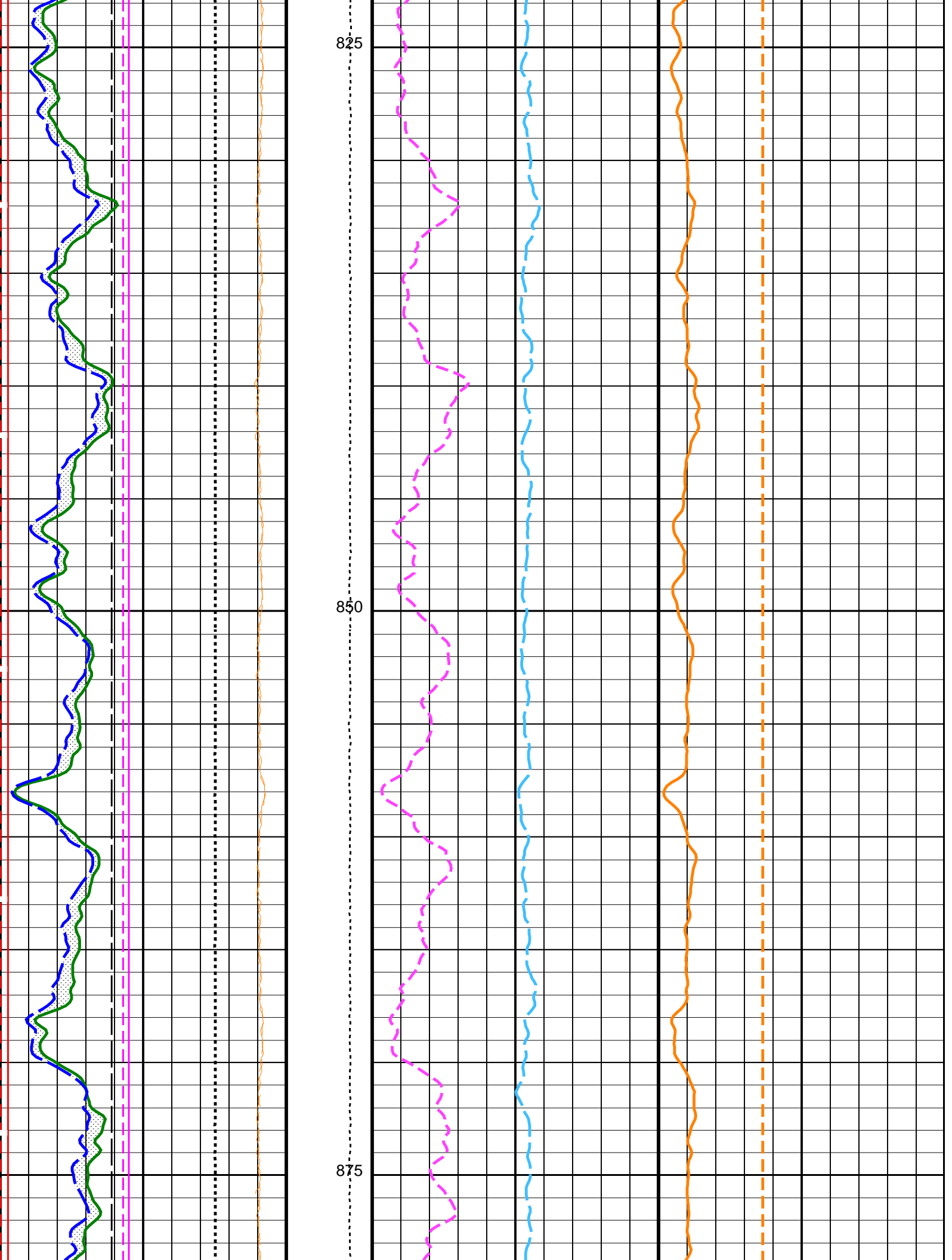
675

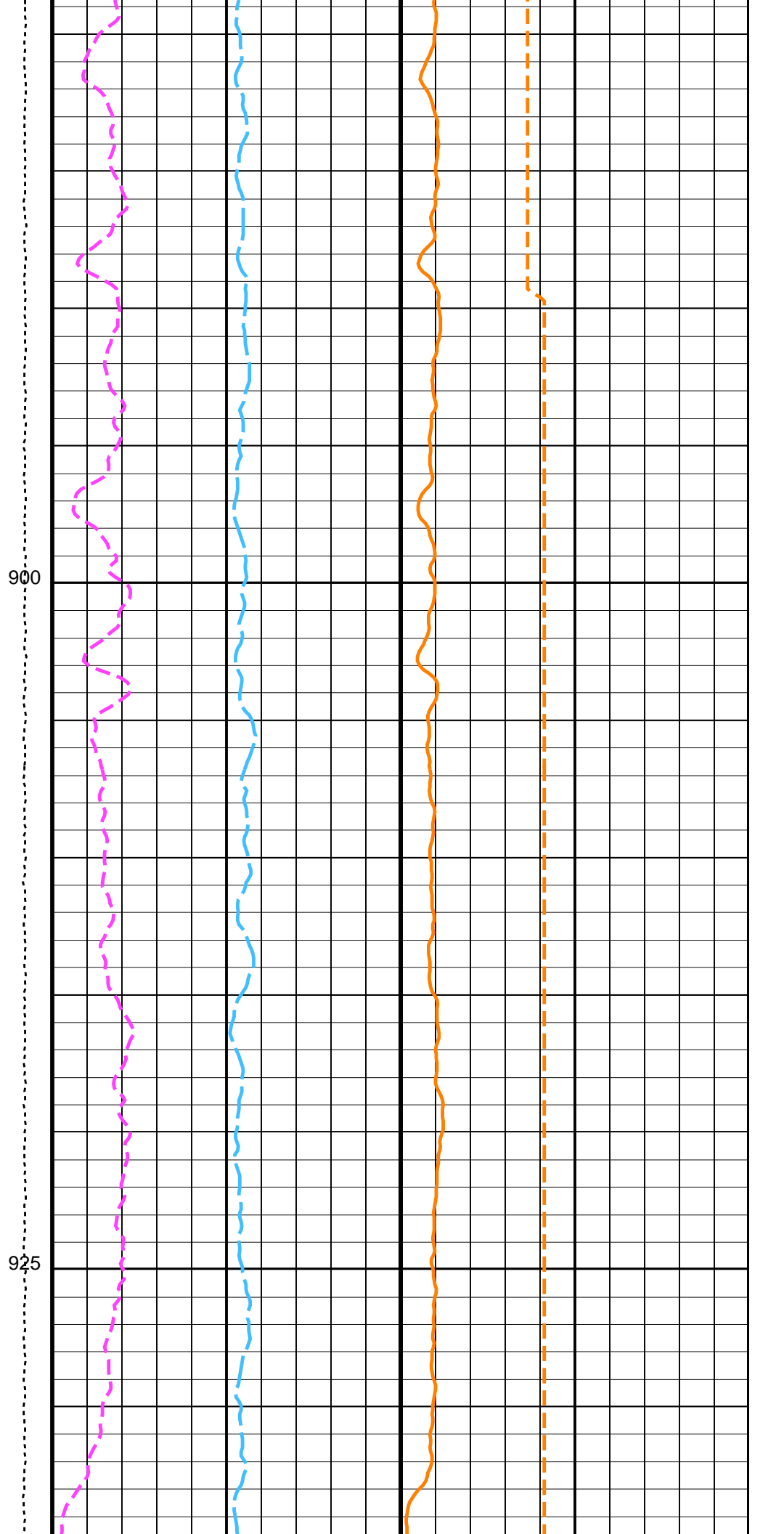
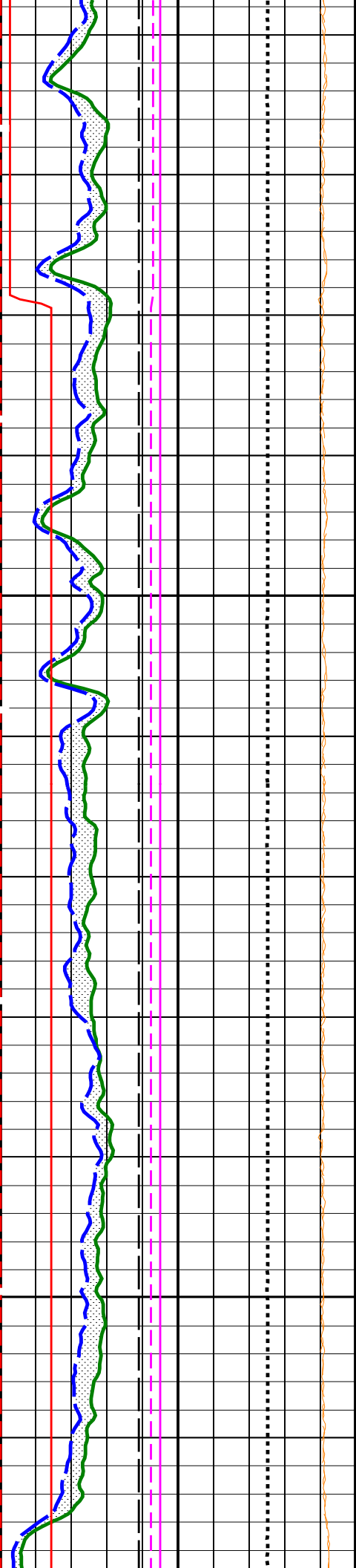
700

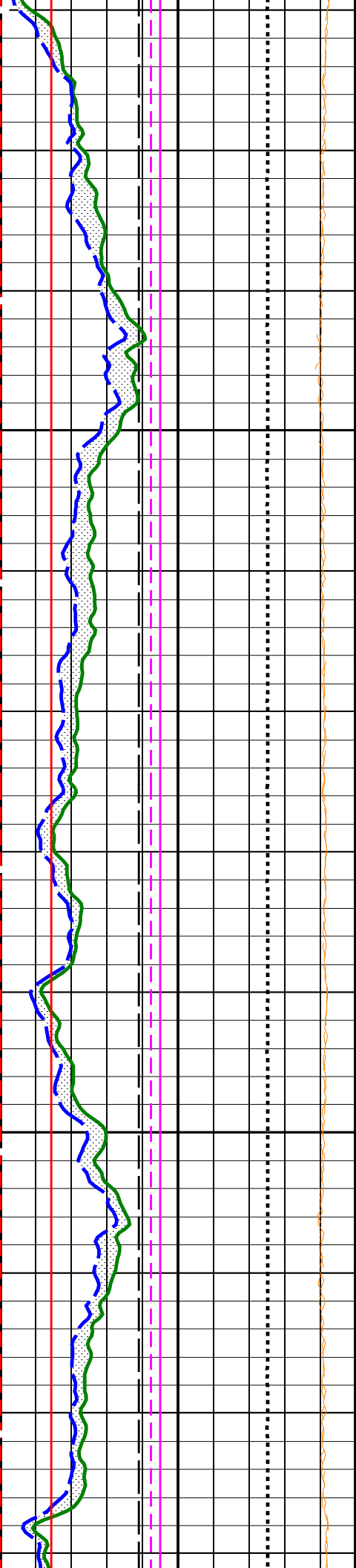






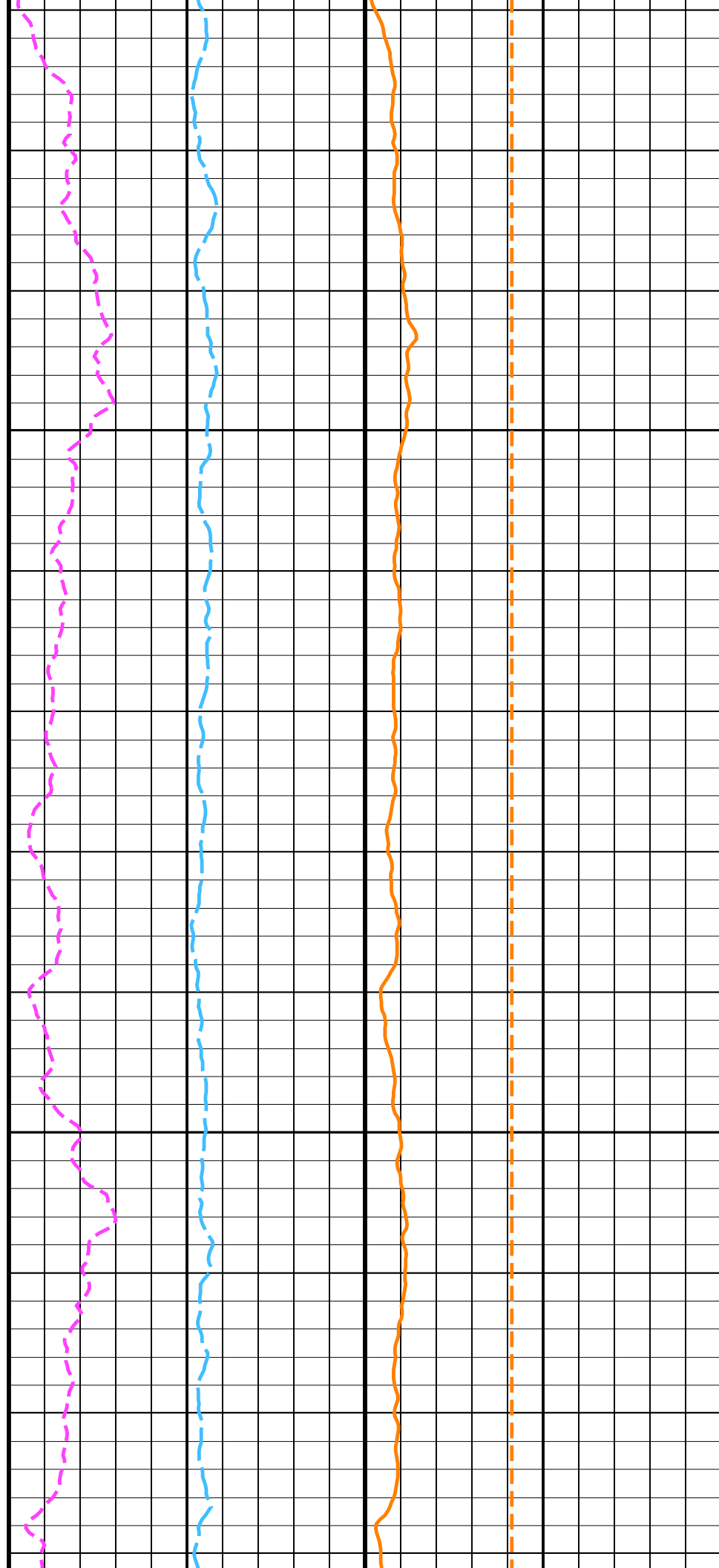


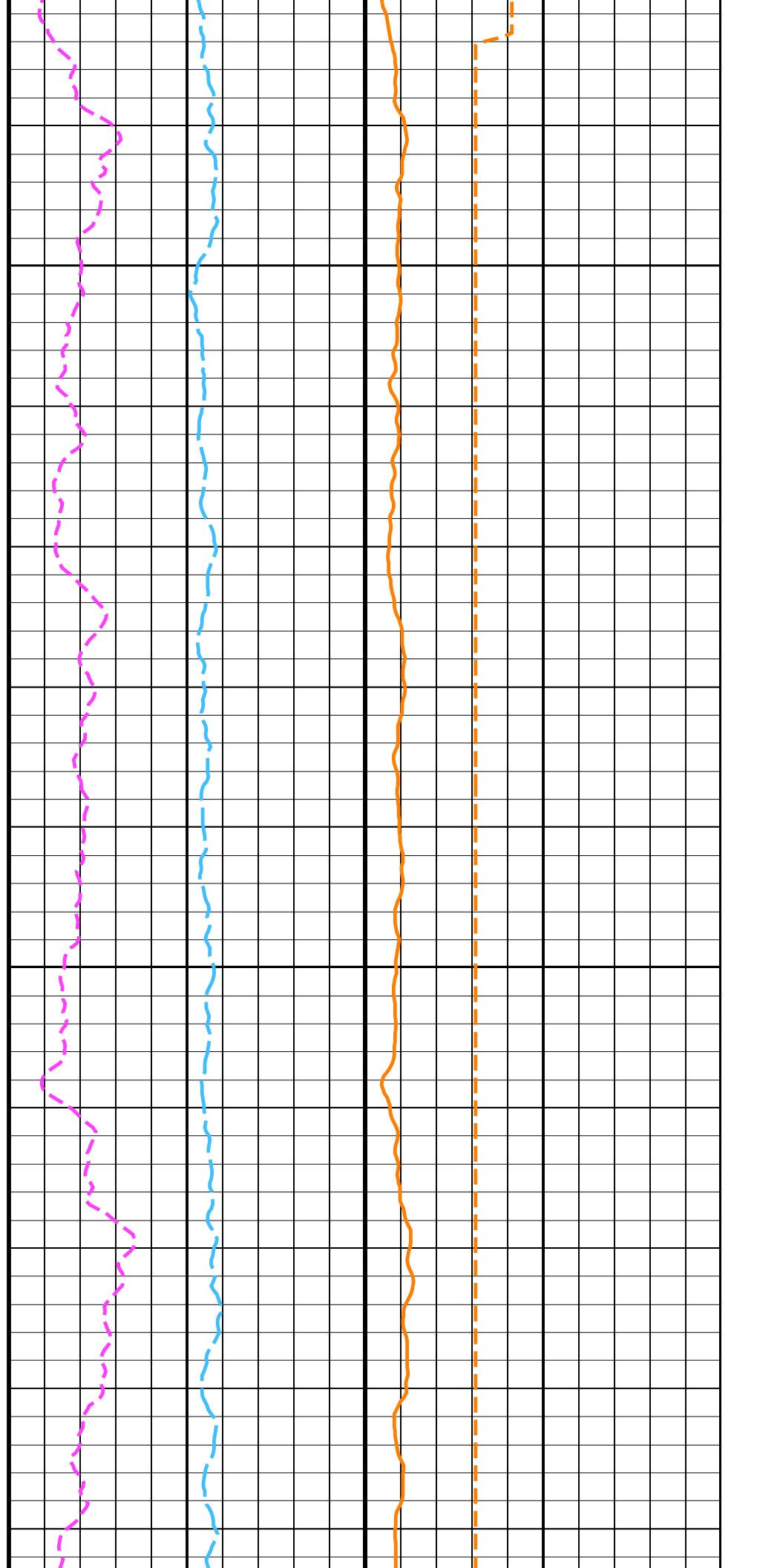
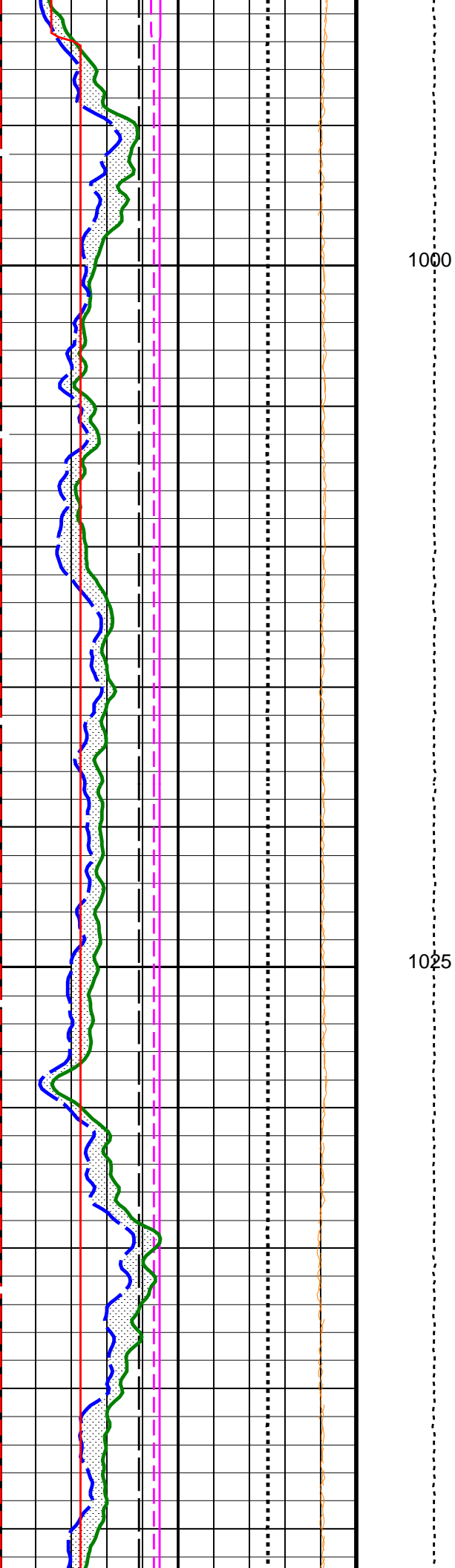


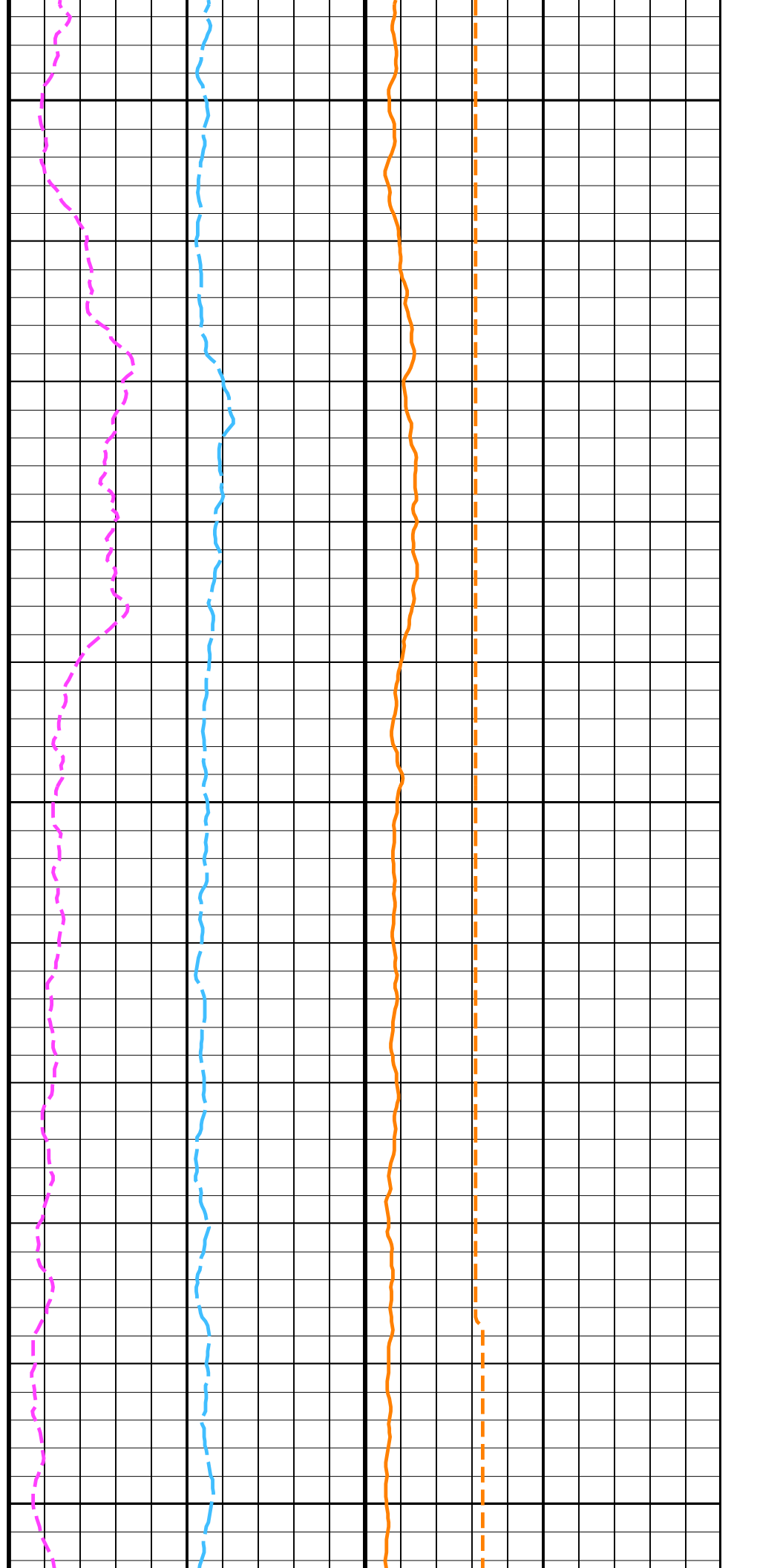
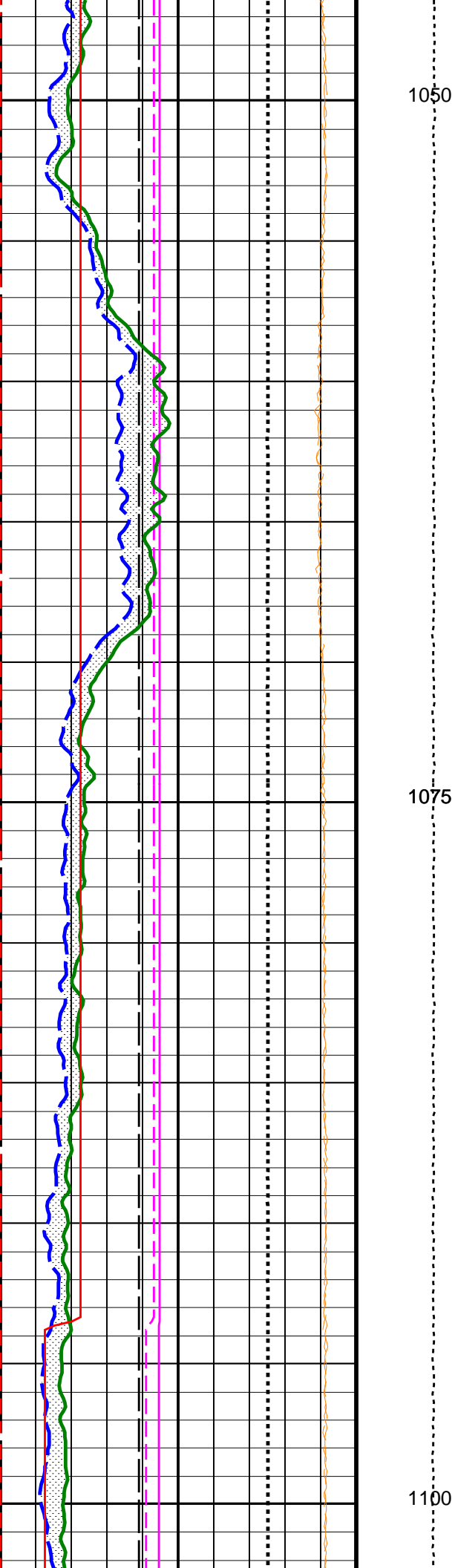


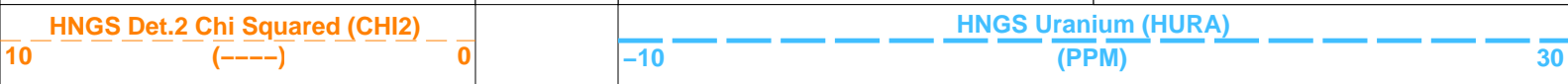
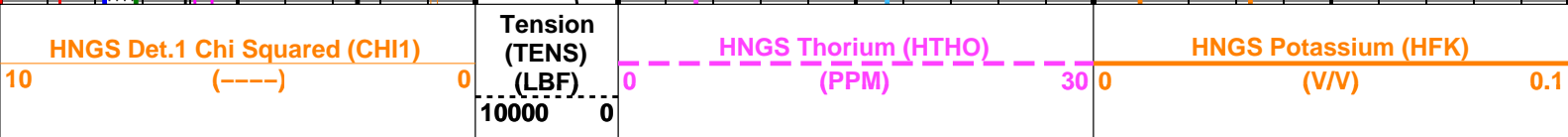
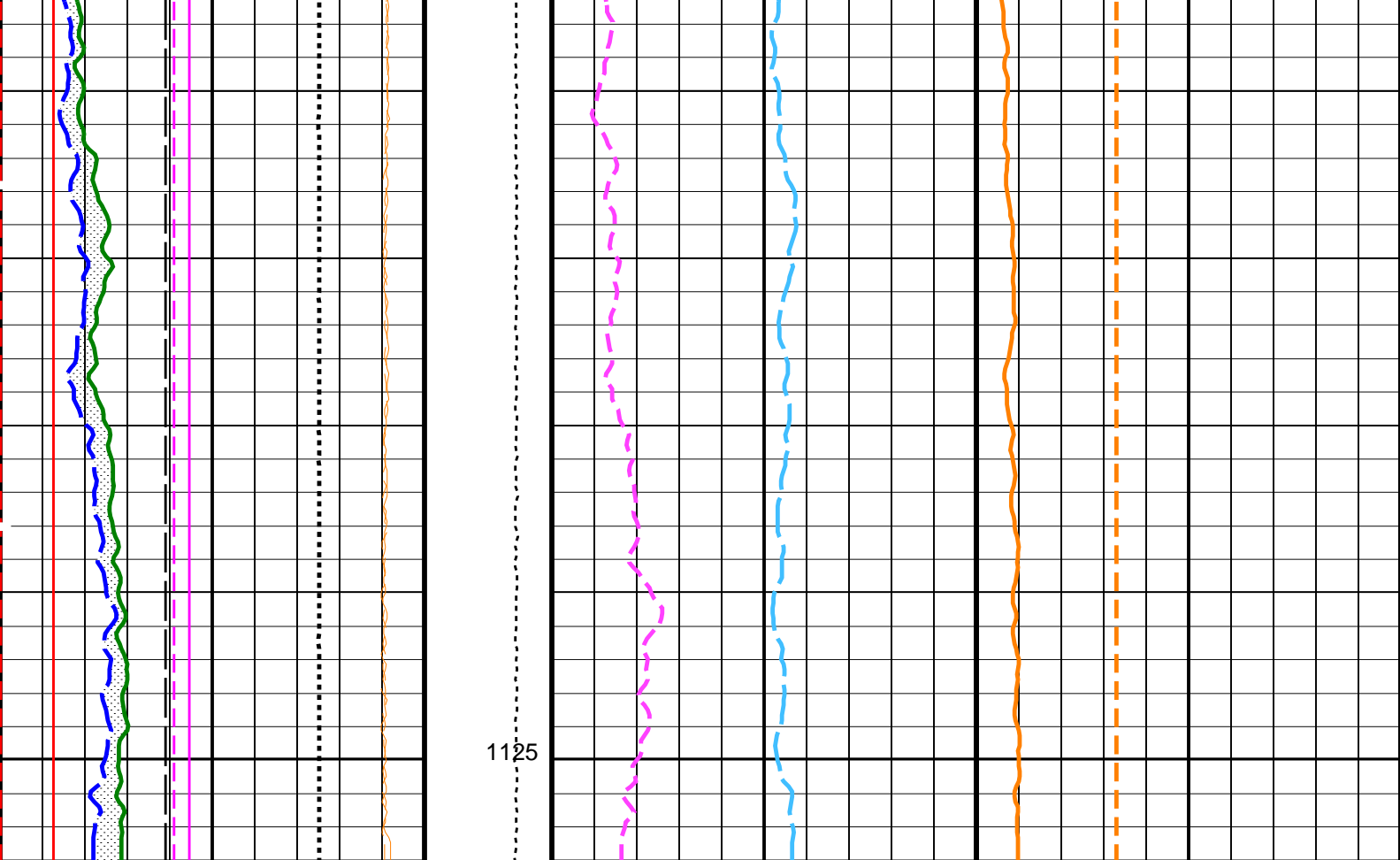
950

975









Parameters					
DLIS Name		Description	Value		
DSST-B: Dipole Shear Imager – B					
BHS		Borehole Status	OPEN		
GCSE		Generalized Caliper Selection	LCAL		
HRLT-B: High Resolution Laterolog Array – B					
BHS		Borehole Status	OPEN		
GCSE		Generalized Caliper Selection	LCAL		
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	LCAL		
H1P		HNGS Detector 1 Allow/Disallow In Processing	ALLOW		
H2P		HNGS Detector 2 Allow/Disallow In Processing	ALLOW		
HABK		HNGS Borehole Potassium Running Average	-0.0086922		
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	ECCE		
VBA1		HNGS Detector 1 Variable Barite Factor Running Average	0.965864		
VBA2		HNGS Detector 2 Variable Barite Factor Running Average	0.952757		
EDTC-B: Enhanced DTS Cartridge					
BHS		Borehole Status	OPEN		
GCSE		Generalized Caliper Selection	LCAL		
System and Miscellaneous					
BS		Bit Size	9.875	IN	
DFD		Drilling Fluid Density	9.00	LB/G	
DO		Depth Offset for Playback	0.0	M	
PP		Playback Processing	NORMAL		

Format: HNGSYields

Vertical Scale: 1:200

Graphics File Created: 30-Sep-2023 00:55

OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	DSST-B	19C0-187		
HRLT-B	19C0-187	HLDS	19C0-187		
LDSC-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		

Input DLIS Files					
DEFAULT	Flip_MSS_LDEO_DSI_006LUP	PRODUCER	29-Sep-2023 23:26	1128.1 M	569.2 M
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_009PUP	FN:7	PRODUCER	30-Sep-2023 00:55	

Input DLIS Files					
DEFAULT	Flip_MSS_LDEO_DSI_006LUP	PRODUCER	29-Sep-2023 23:26	1128.1 M	569.2 M
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_009PUP	FN:7	PRODUCER	30-Sep-2023 00:55	1128.1 M
					569.2 M

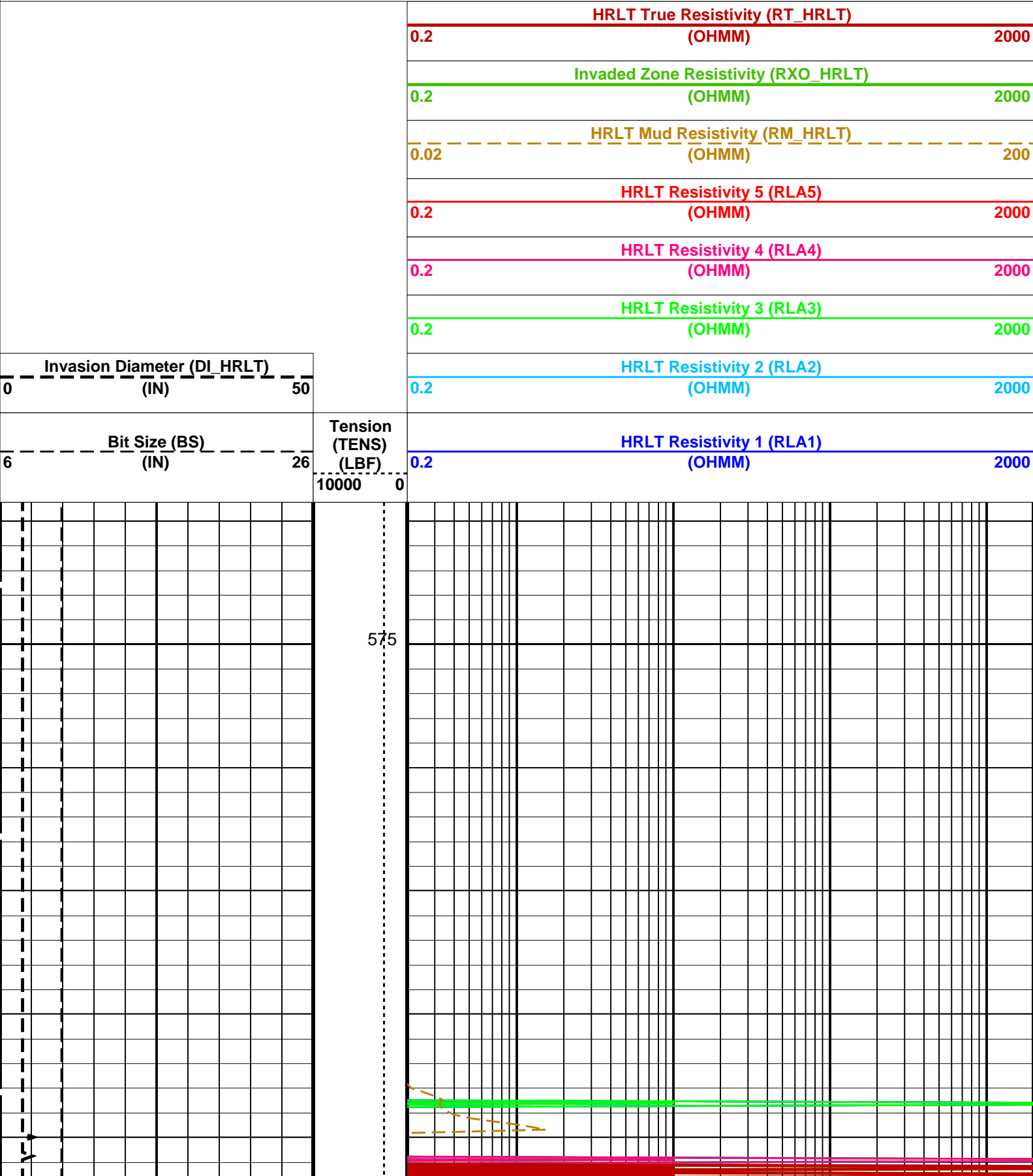
OP System Version: 19C0-187

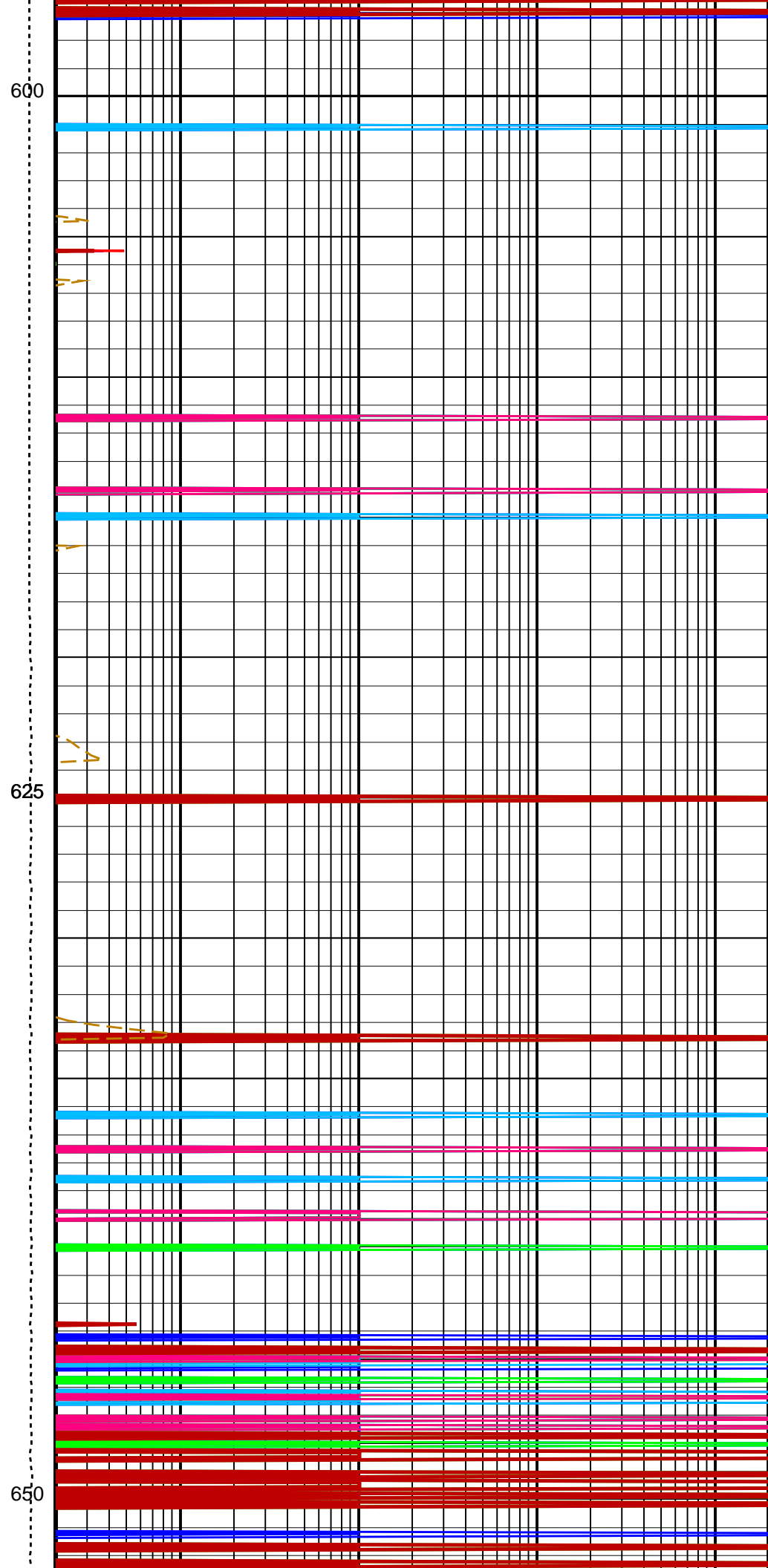
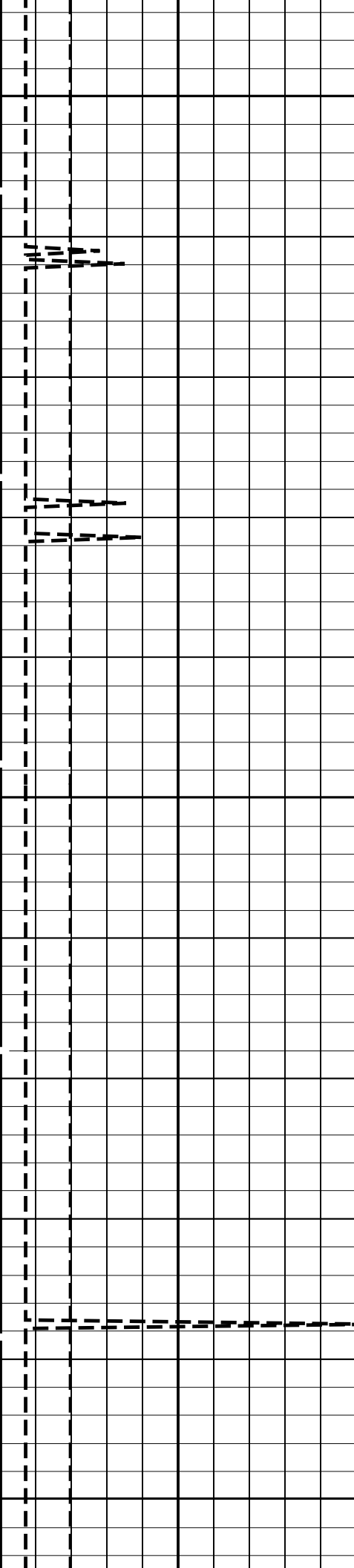
MSS_LDEO-A 19C0-187
HRLT-B 19C0-187
LDSC-B 19C0-187
HNGS-BA 19C0-187

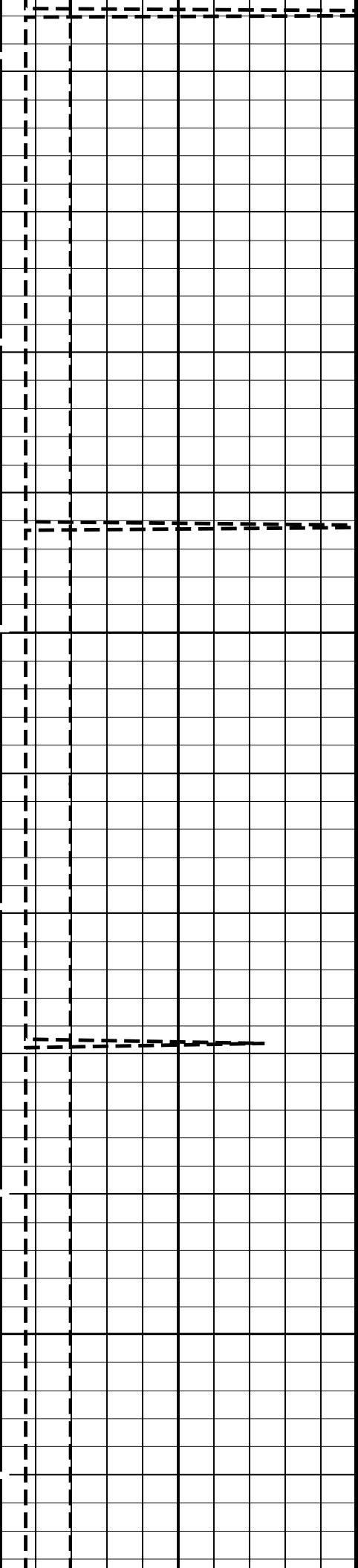
DSST-B 19C0-187
HLDS 19C0-187
HNGC-B 19C0-187
EDTC-B 19C0-187

PIP SUMMARY

Time Mark Every 60 S

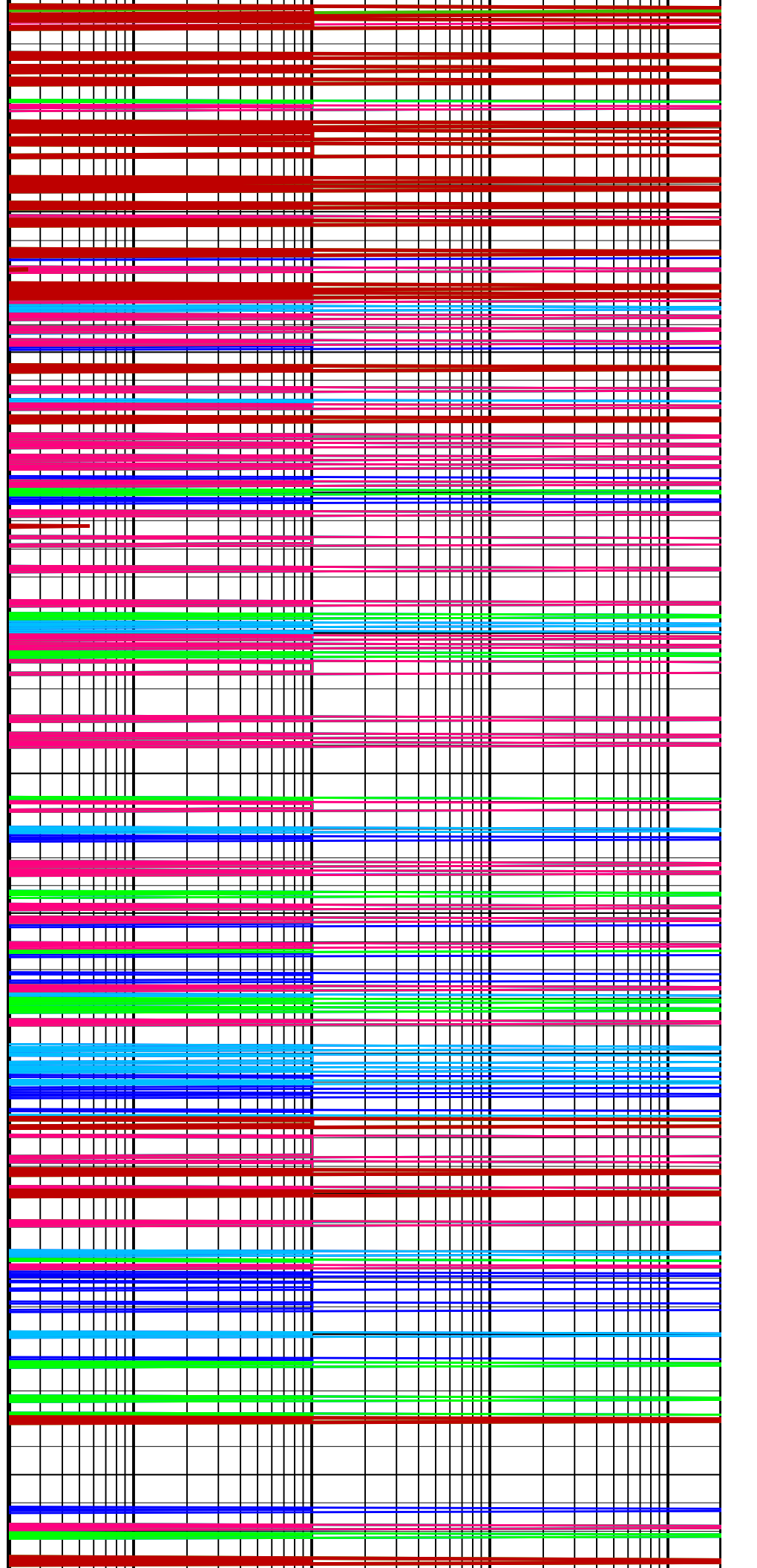


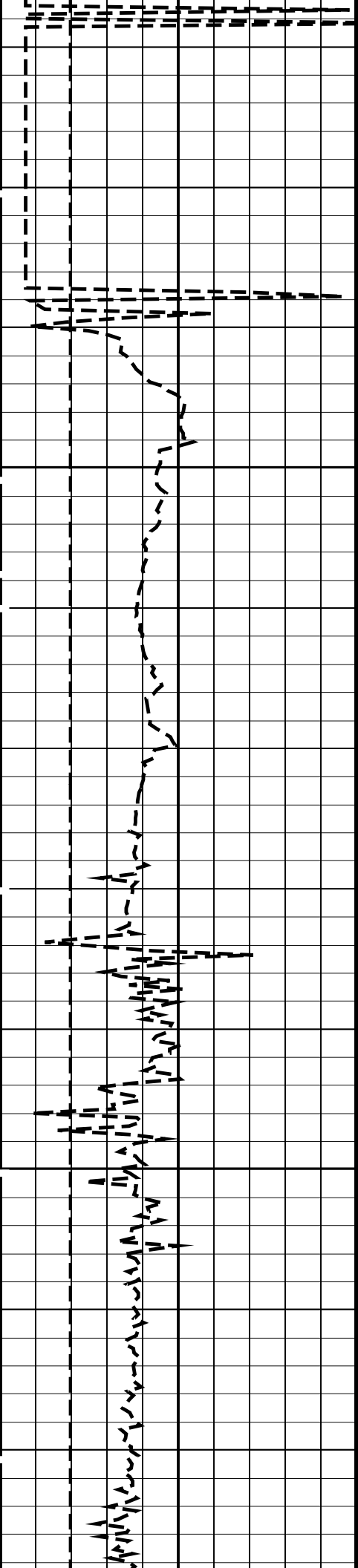




675

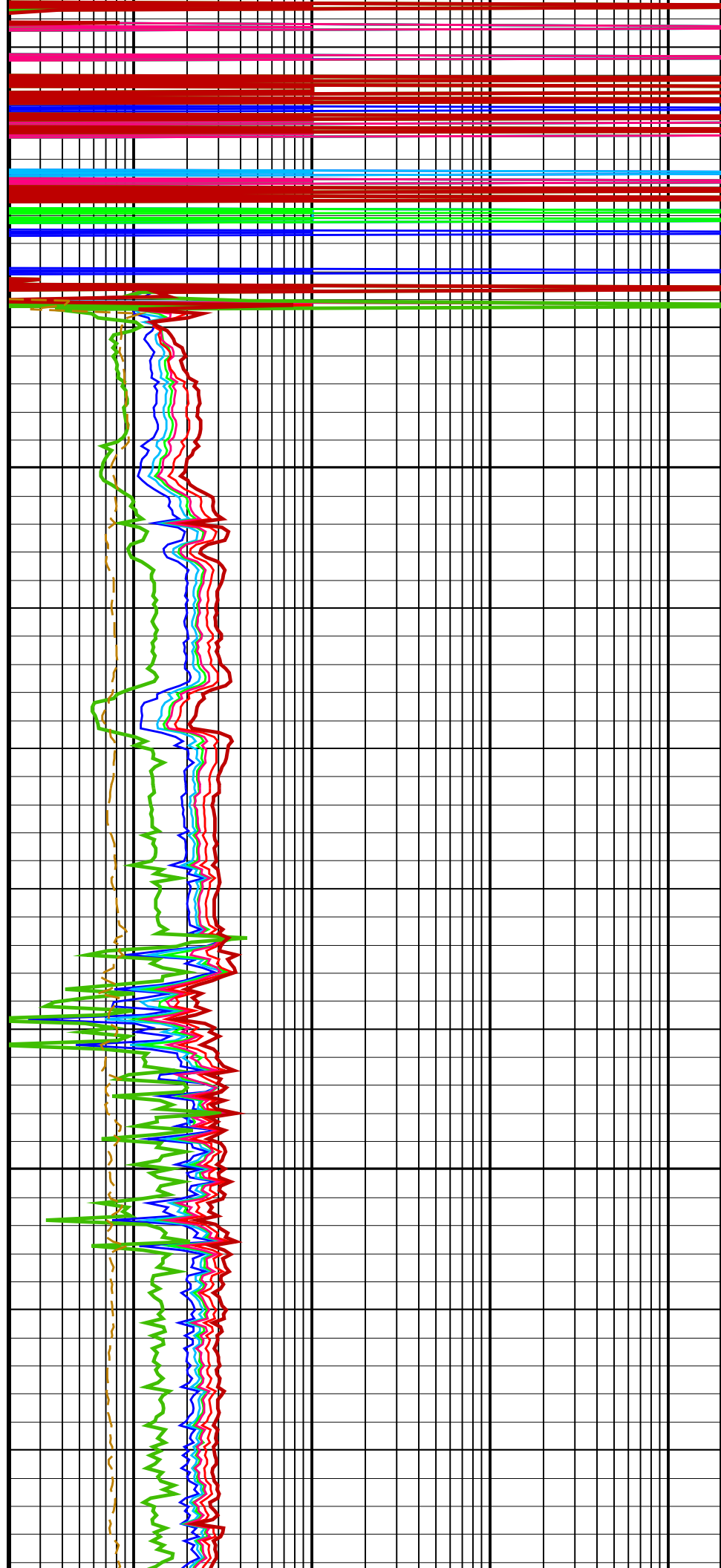
700

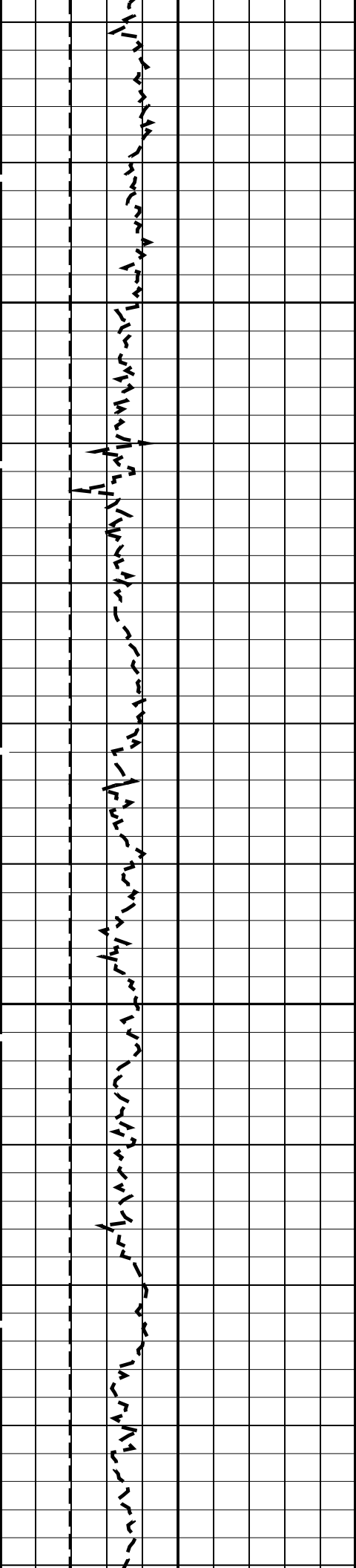




725

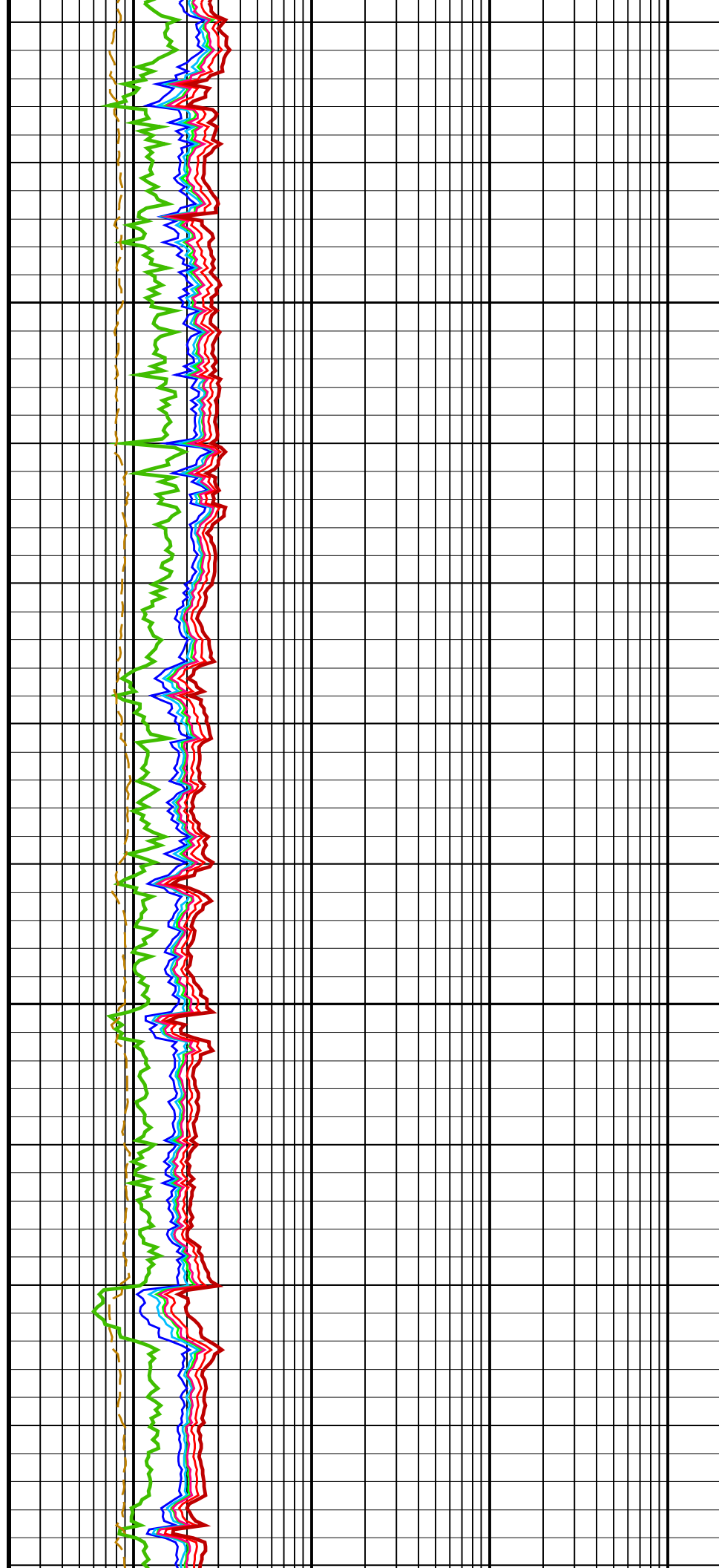
750

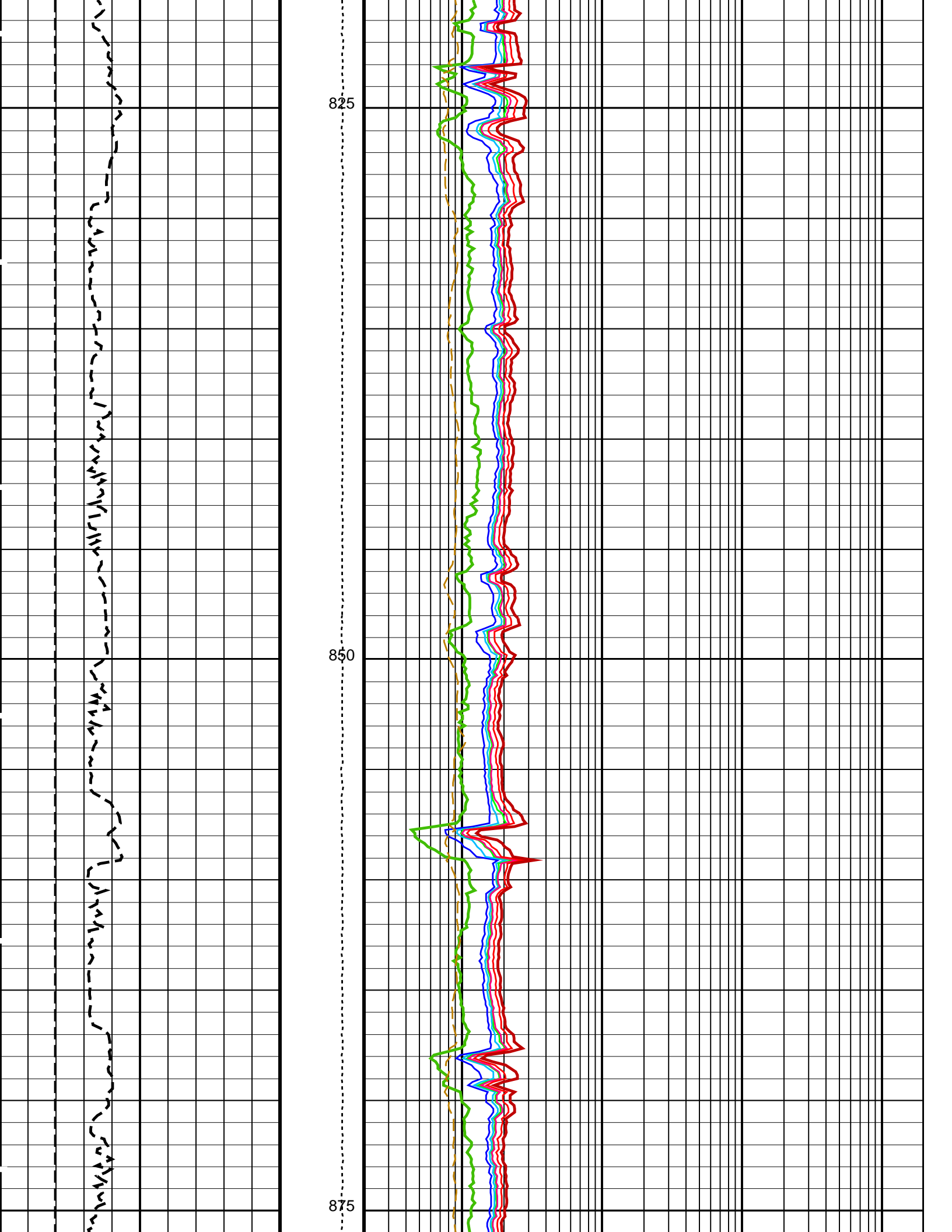


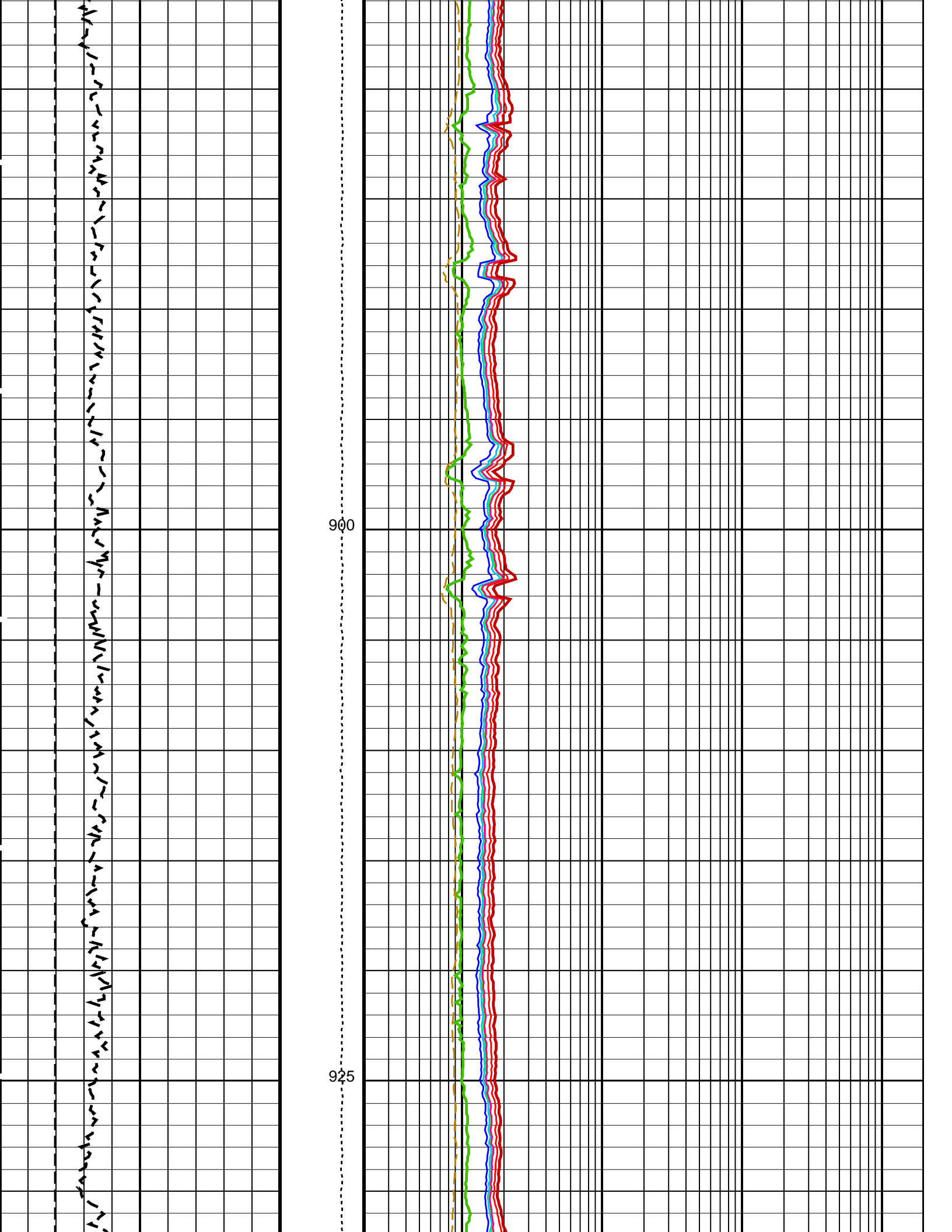


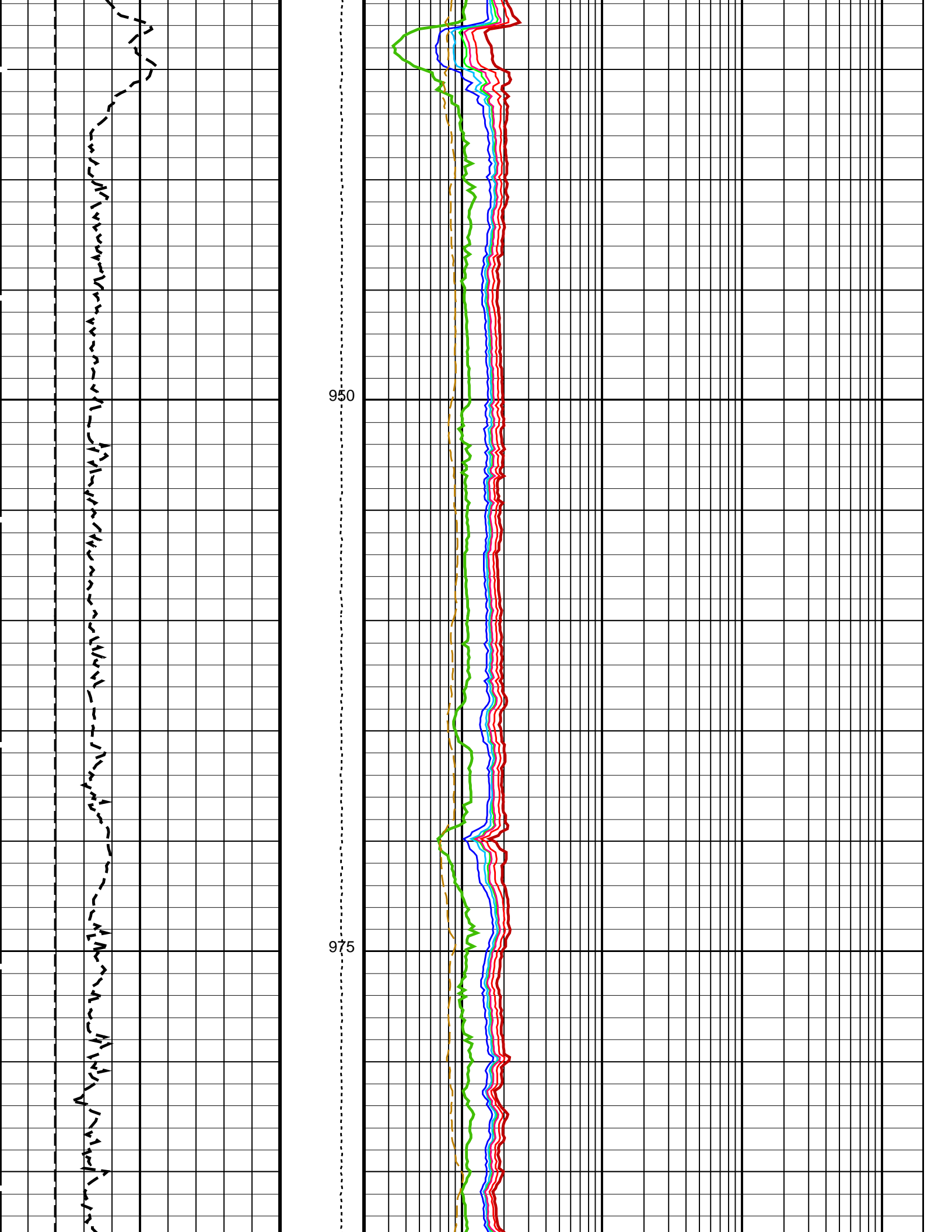
775

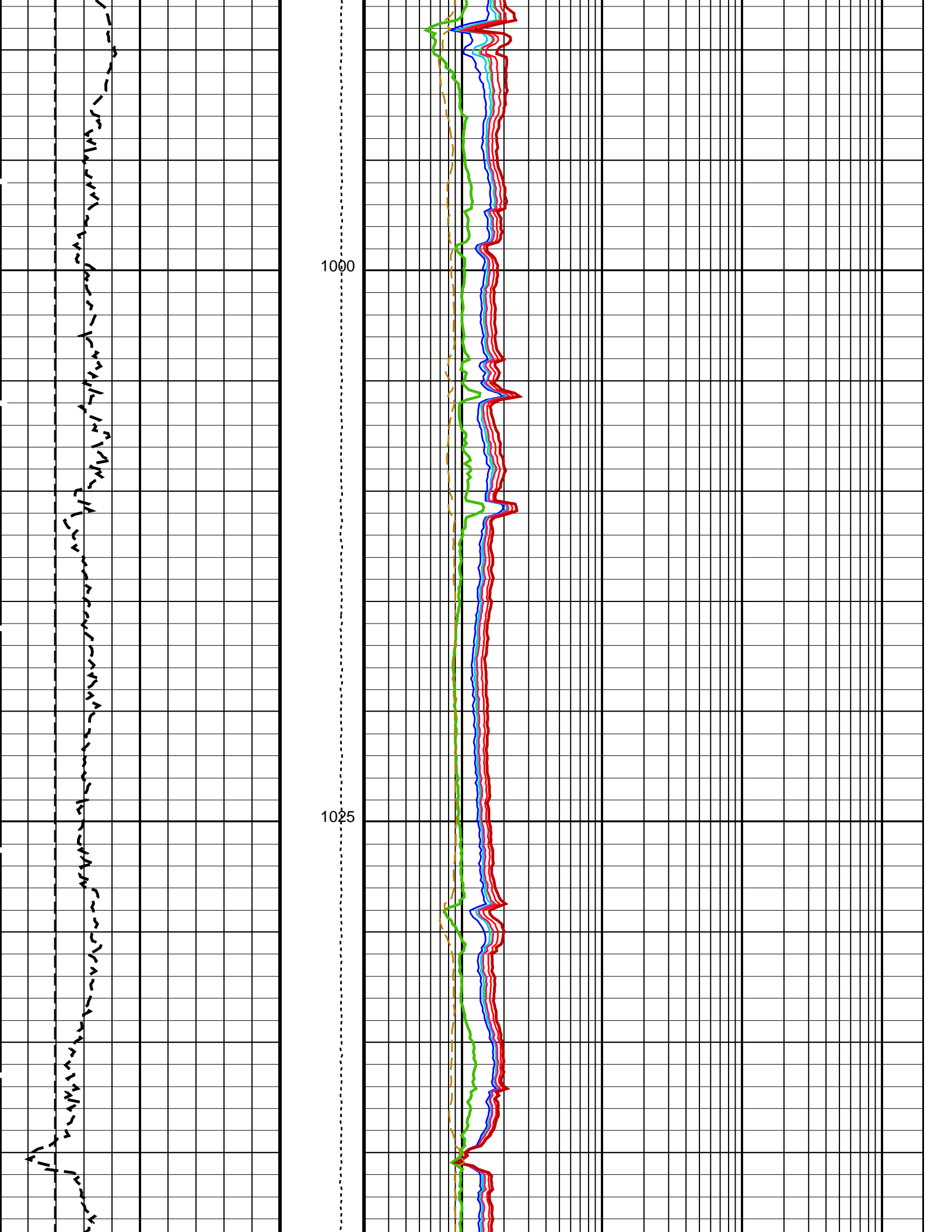
800

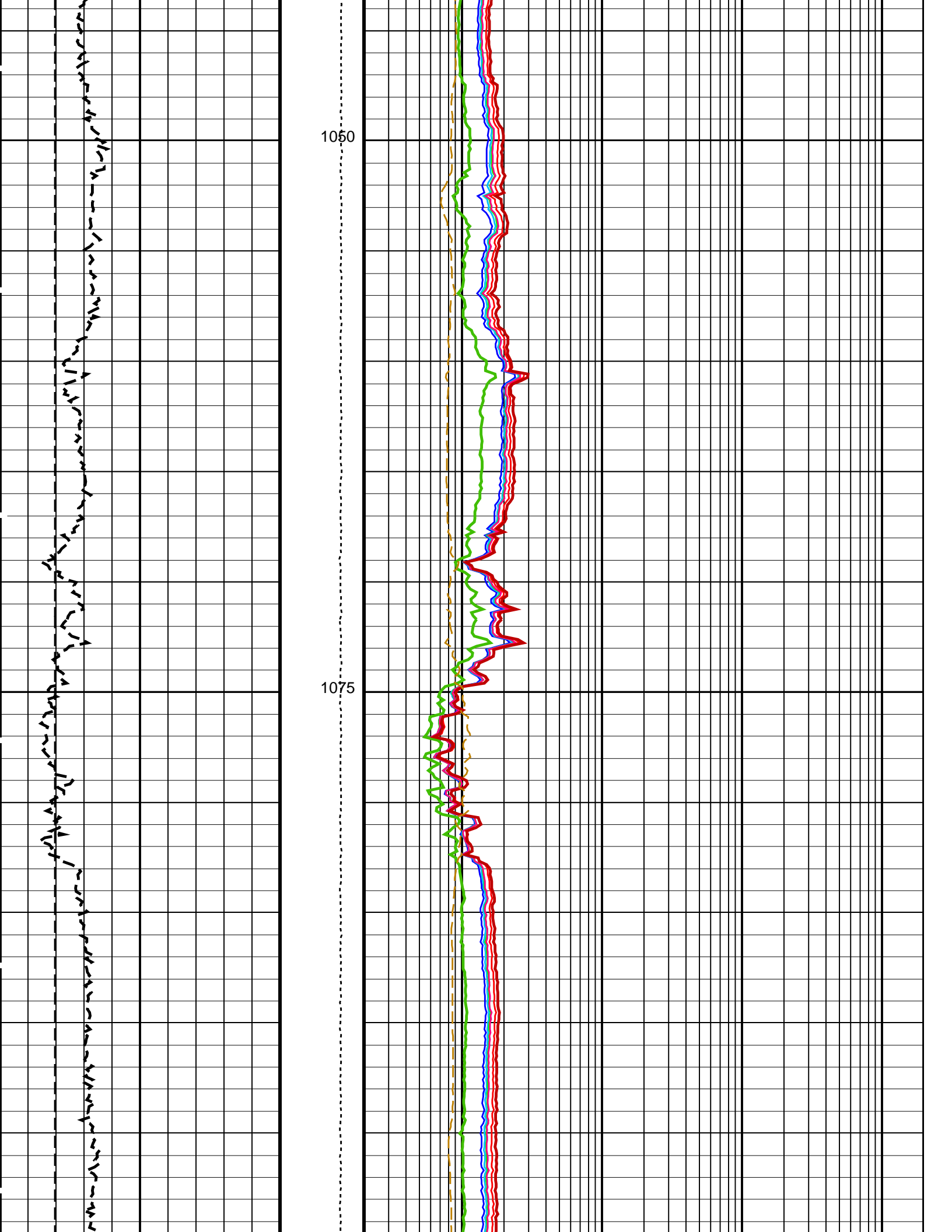


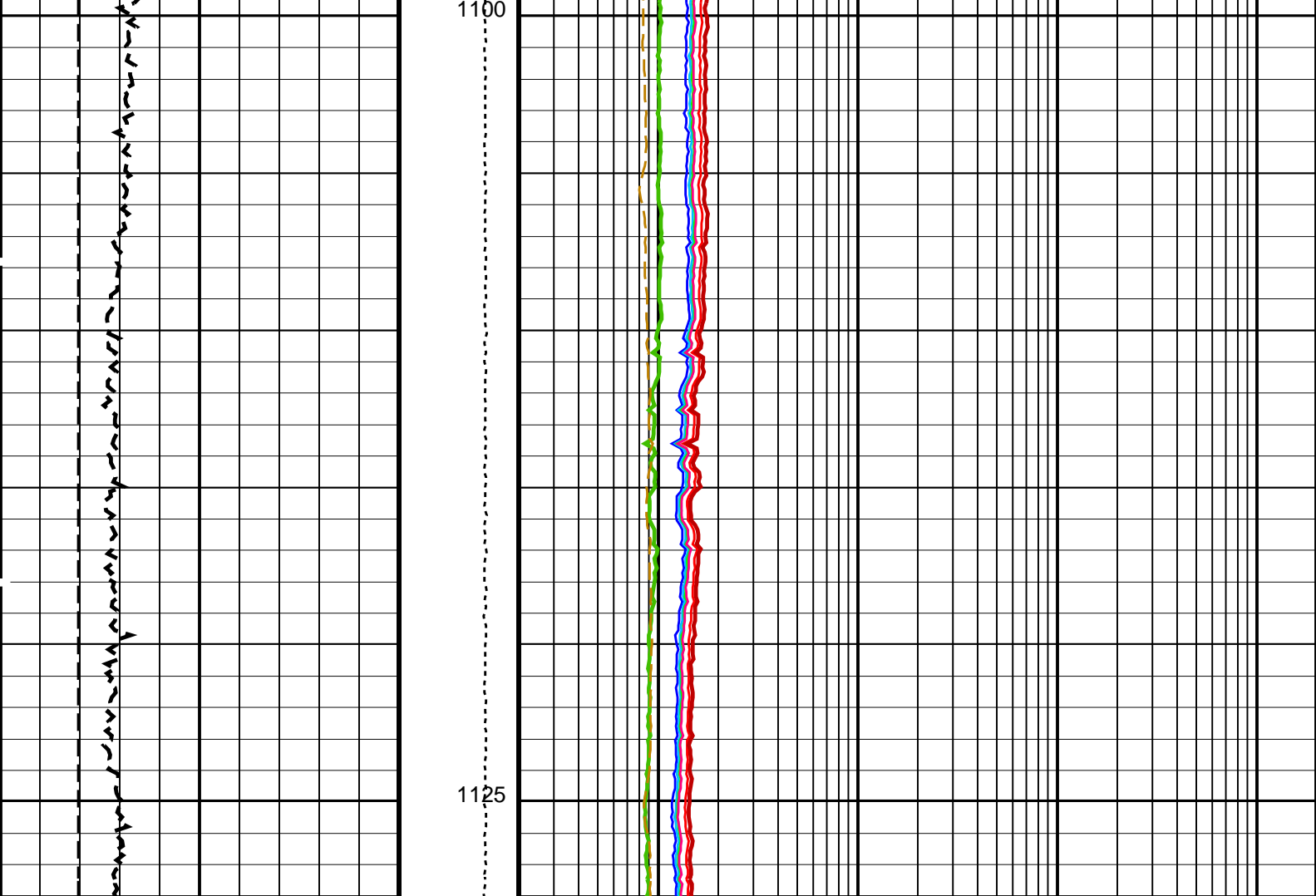












<div>Bit Size (BS) (IN)</div> <div>Invasion Diameter (DI_HRLT) (IN)</div>	<div>Tension (TENS) (LBF)</div>	HRLT Resistivity 1 (RLA1)	
		0.2	2000
		HRLT Resistivity 2 (RLA2)	
		0.2	2000
		HRLT Resistivity 3 (RLA3)	
		0.2	2000
		HRLT Resistivity 4 (RLA4)	
		0.2	2000
		HRLT Resistivity 5 (RLA5)	
		0.2	2000
		HRLT Mud Resistivity (RM_HRLT)	
		0.02	200
		Invaded Zone Resistivity (RXO_HRLT)	
		0.2	2000
		HRLT True Resistivity (RT_HRLT)	
		0.2	2000

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
DSST-B: Dipole Shear Imager - B		
BHT	Bottom Hole Temperature (used in calculations)	35 DEGF

GCSE	Generalized Caliper Selection	LCAL	DEGF
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
HRLT-B: High Resolution Laterolog Array - B			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
KFAC_HRLT	HRLT K Factor Option	SONDE	
PROCINV	Inversion Selection	ON	
PROCMFL	Inversion Micro-Resistivity Selection	NO_EXTERNAL_RXO	
PROCMSO	Mechanical Standoff Fin Size	0	IN
PROCRM	Processing Mud Resistivity Select	HRLT_Compute	
PROCSP0	Sonde Position	Centered	
SHT	Surface Hole Temperature	68	DEGF
HNGS-BA: Hostile Natural Gamma Ray Sonde			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
EDTC-B: Enhanced DTS Cartridge			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
MST	Mud Sample Temperature	23.00	DEGC
PP	Playback Processing	NORMAL	
TD	Total Depth	10190.3	FT

Format: HRLT Vertical Scale: 1:200 Graphics File Created: 30-Sep-2023 00:55

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Input DLIS Files

DEFAULT	Flip_MSS_LDEO_DSI_006LUP	PRODUCER	29-Sep-2023 23:26	1128.1 M	569.2 M
---------	--------------------------	----------	-------------------	----------	---------

Output DLIS Files

DEFAULT	MSS_LDEO_DSI_HRLA_009PUP	FN:7	PRODUCER	30-Sep-2023 00:55
---------	--------------------------	------	----------	-------------------

Company: International Ocean Discovery Program Well: Expedition 400, Site U1608A

Input DLIS Files

DEFAULT	Flip_MSS_LDEO_DSI_006LUP	PRODUCER	29-Sep-2023 23:26	1128.1 M	569.2 M
---------	--------------------------	----------	-------------------	----------	---------

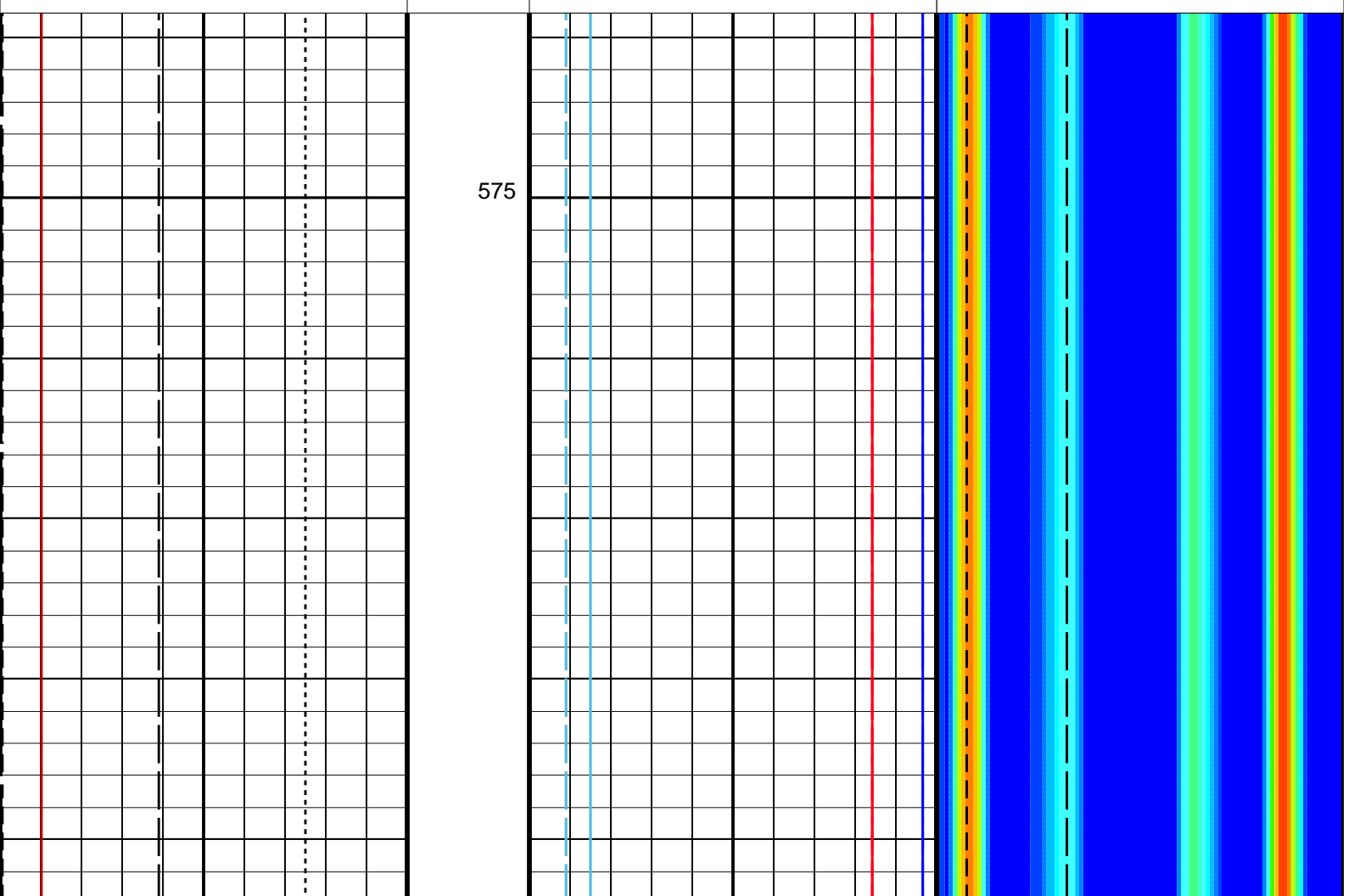
Output DLIS Files

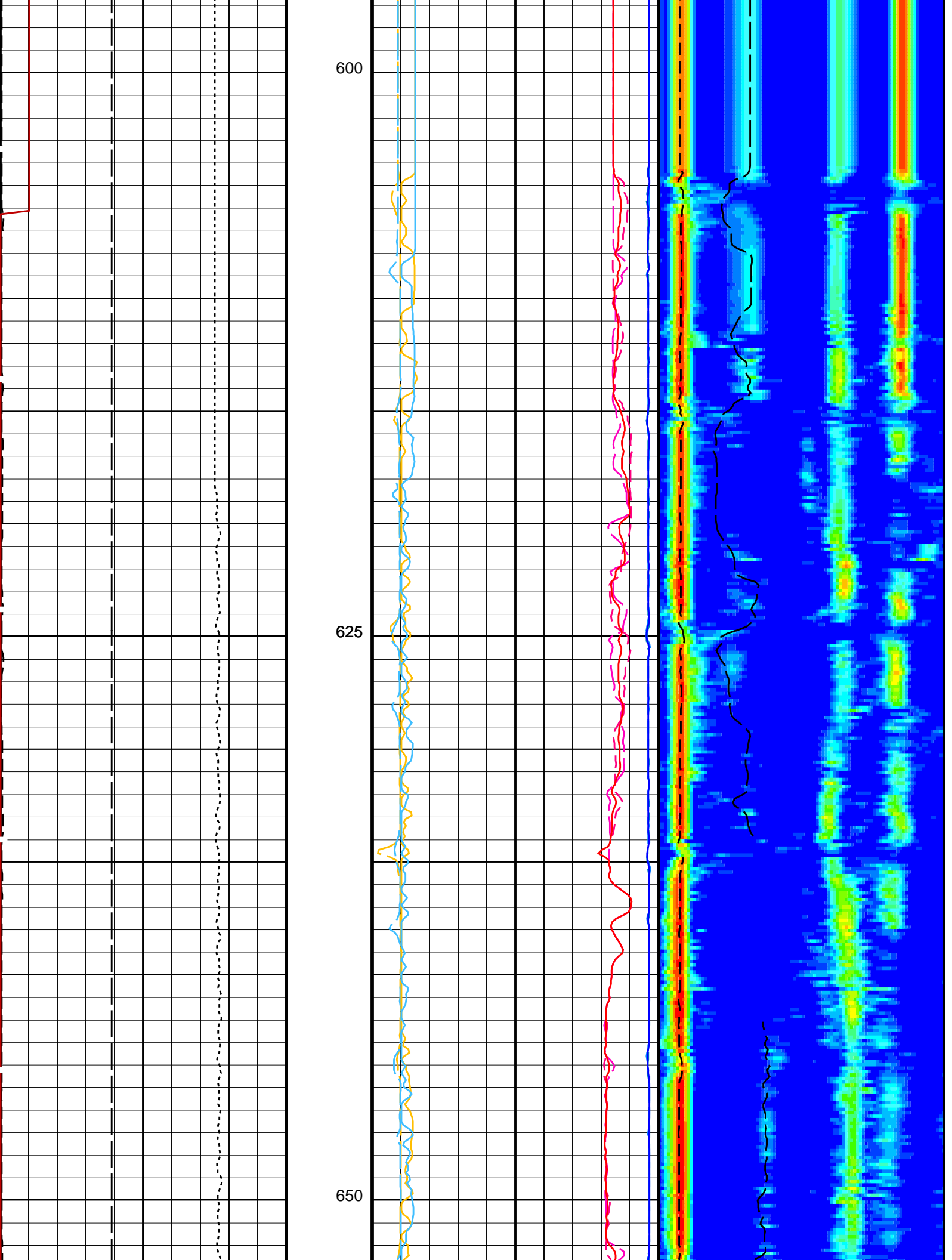
DEFAULT	MSS_LDEO_DSI_HRLA_009PUP	FN:7	PRODUCER	30-Sep-2023 00:55	1128.1 M	569.2 M
---------	--------------------------	------	----------	-------------------	----------	---------

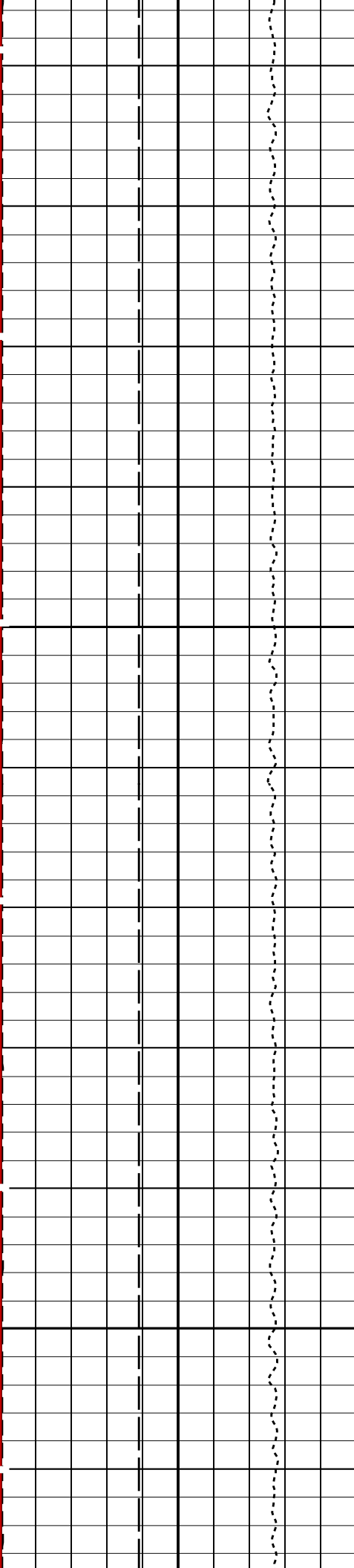
OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

		Delta-T Shear – P & S (DT4S)	
		440 (US/F) 40	
		Delta-T Shear / TA – P & S (DTTS)	
		440 (US/F) 40	
		Delta-T Shear / RA – P & S (DTRS)	
		440 (US/F) 40	
		Delta-T Comp – P & S (DT4P)	
		440 (US/F) 40	
		Delta-T Comp / TA – P & S (DTTP)	
		440 (US/F) 40	
		Delta-T Comp / RA – P & S (DTRP)	
		440 (US/F) 40	
Waveform Data Copy Indicator 4 – Monopole P&S (WCI4)		Peak Coherence / TA – P & S Shear (CHTS)	
0 (-----) 10		-1 (-----) 9	
Tension (TENS) ----- 10000 (LBF) 0		Peak Coherence / RA – P & S Shear (CHRS)	
		-1 (-----) 9	Min Amplitude Max Rec.Array P&S Slow Proj. CVDL (SPR4) 40 (US/F) 240
SAM4 Waveform Gain (WFG4) ----- 0 (-----) 1000		Peak Coherence / TA – P & S Comp (CHTP)	
		0 (-----) 10	Delta-T Shear / RA – P & S (DTRS) 40 (US/F) 240
Bit Size (BS) ----- 6 (IN) 16		Peak Coherence / RA – P & S Comp (CHRP)	
		0 (-----) 10	Delta-T Comp / RA – P & S (DTRP) 40 (US/F) 240

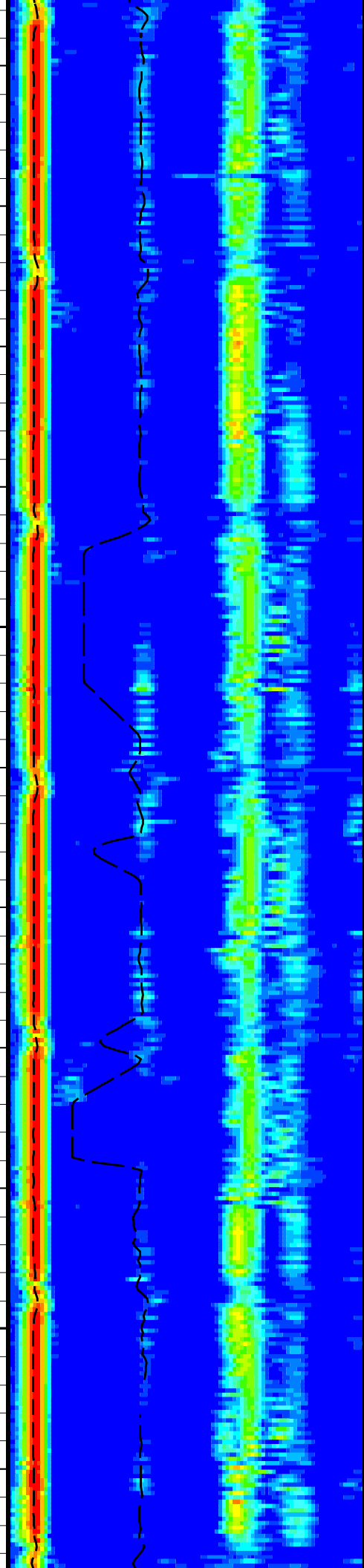
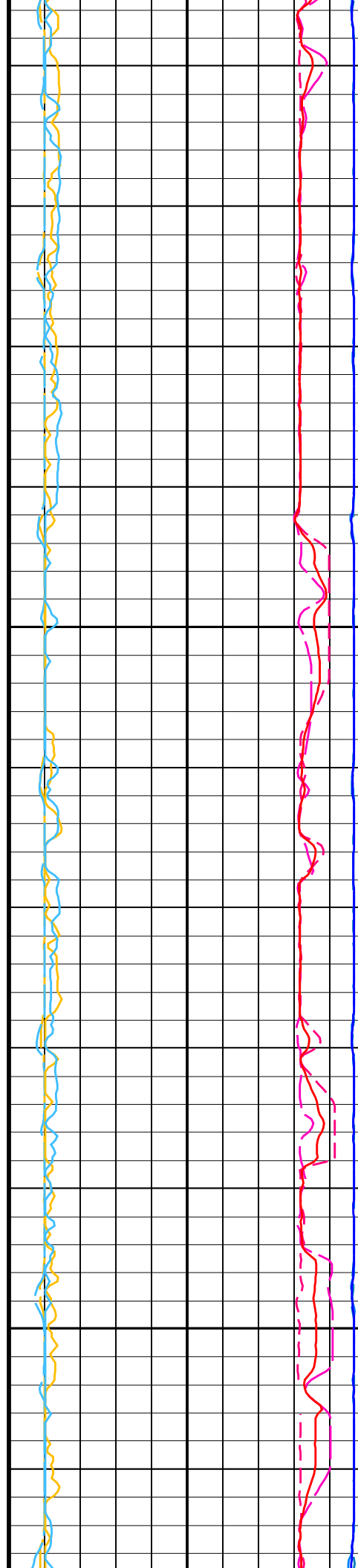


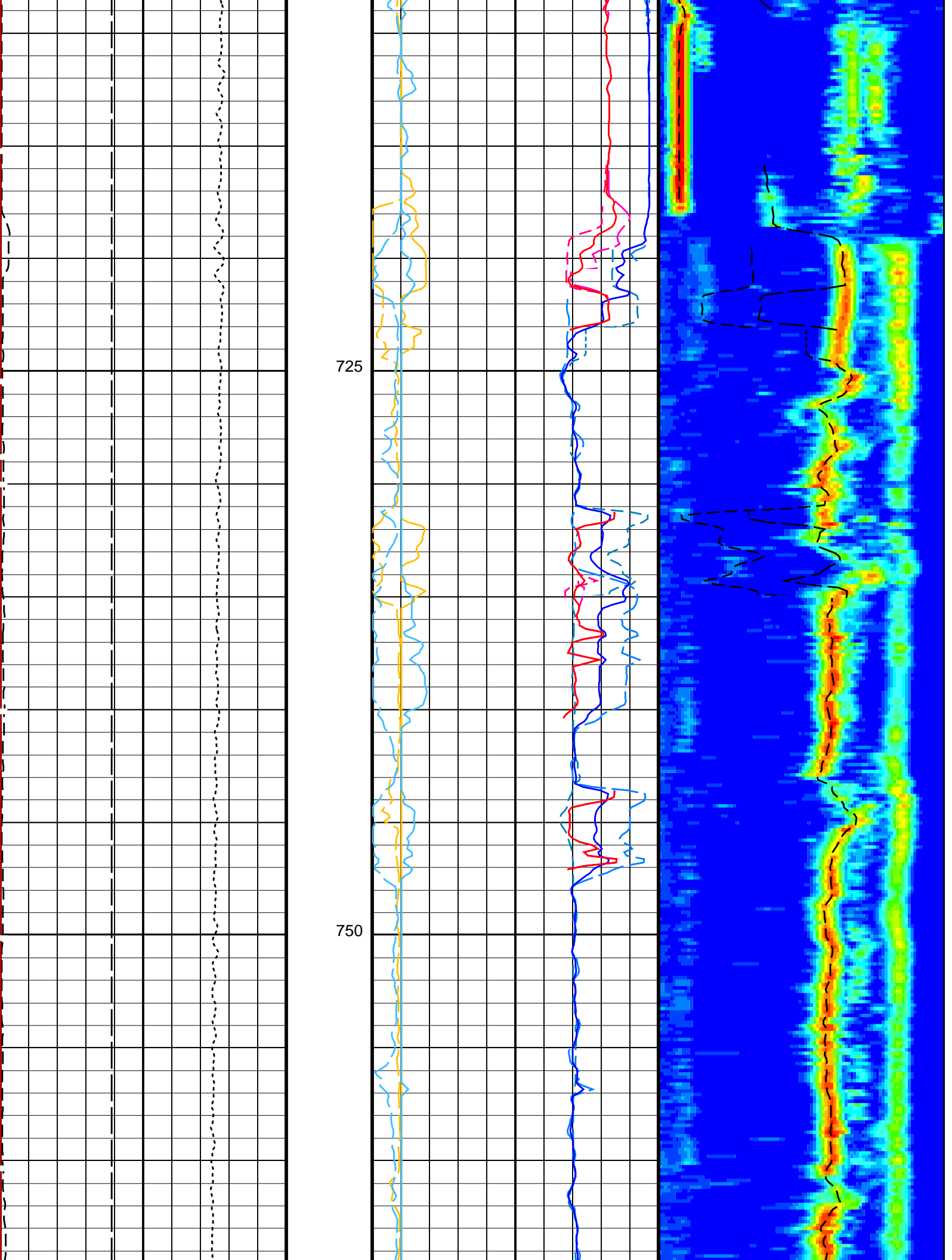


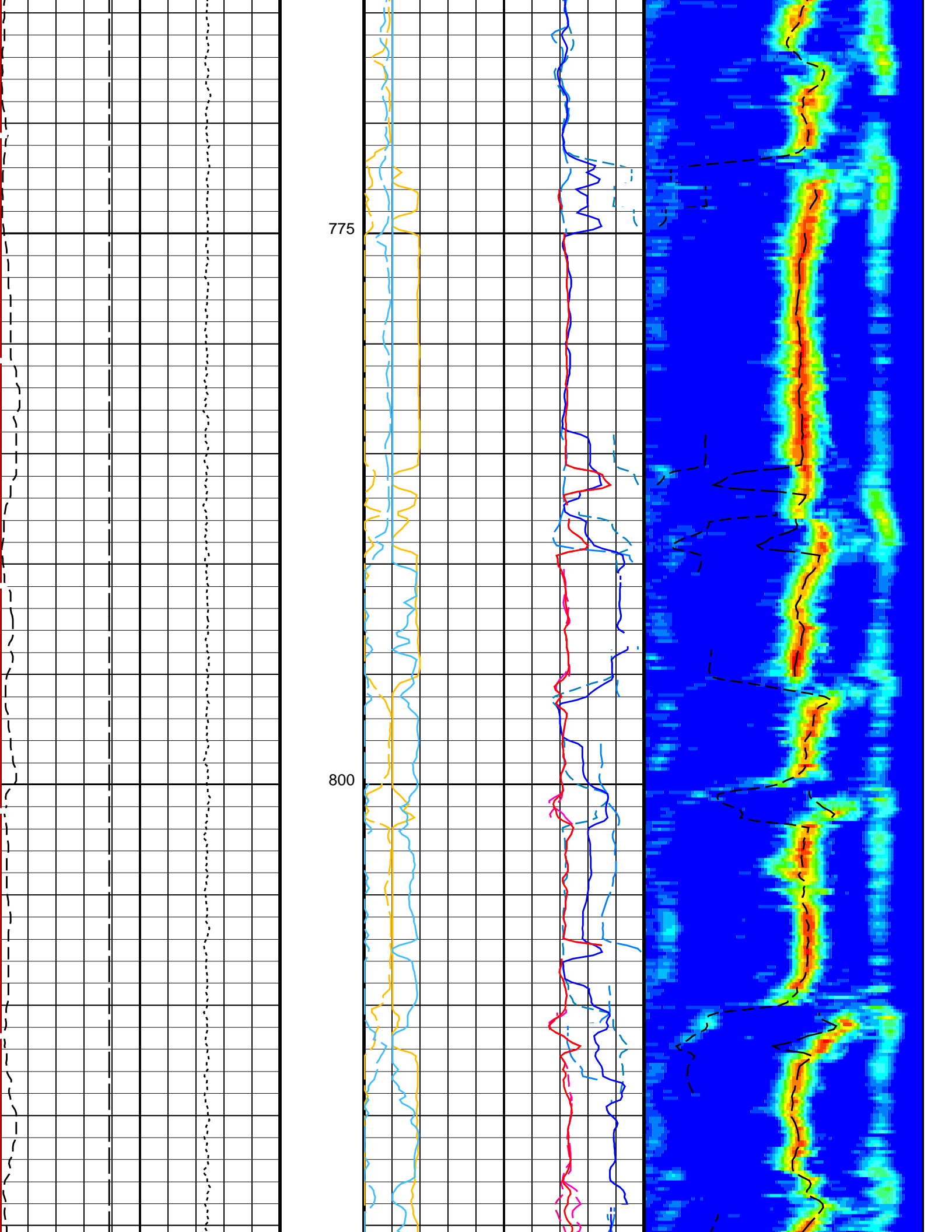


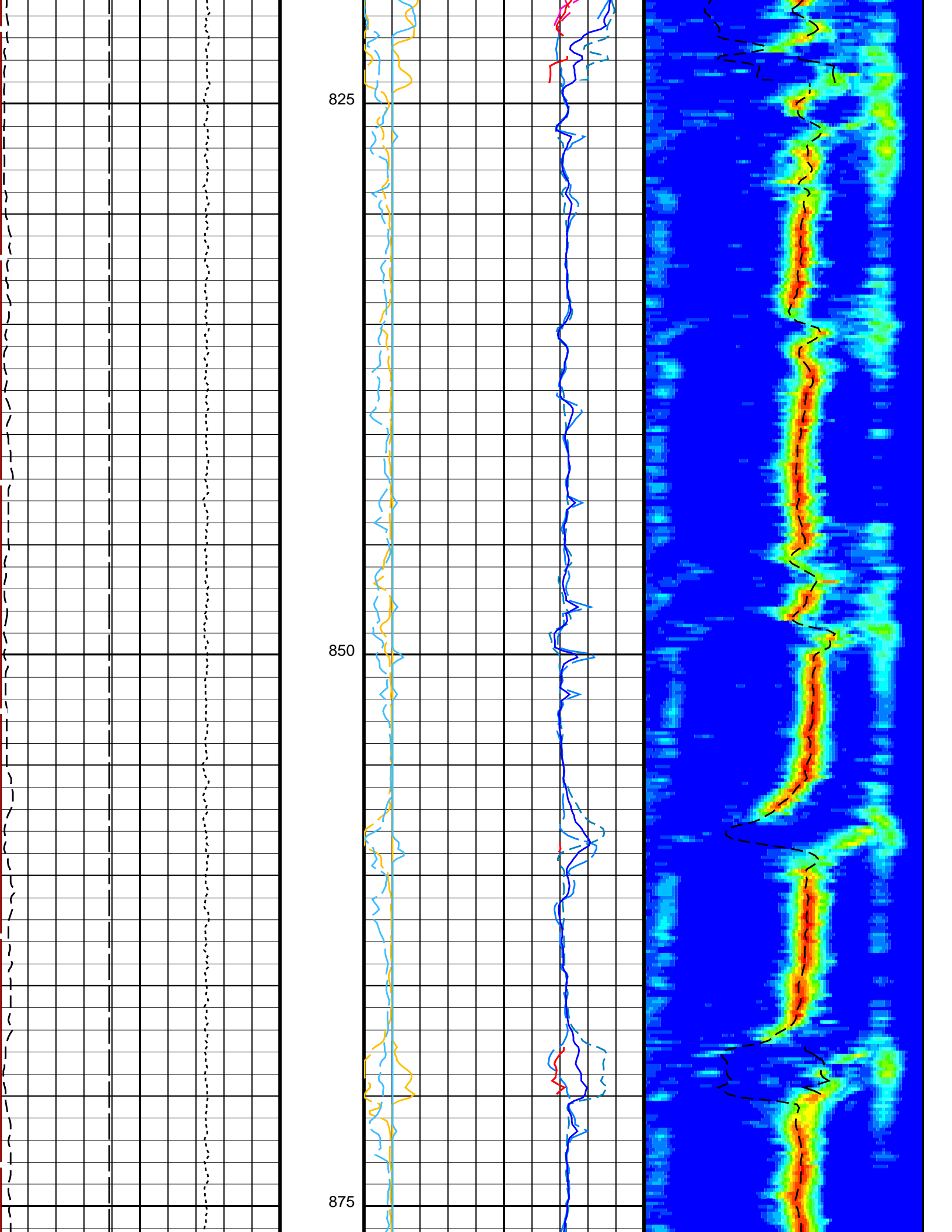
675

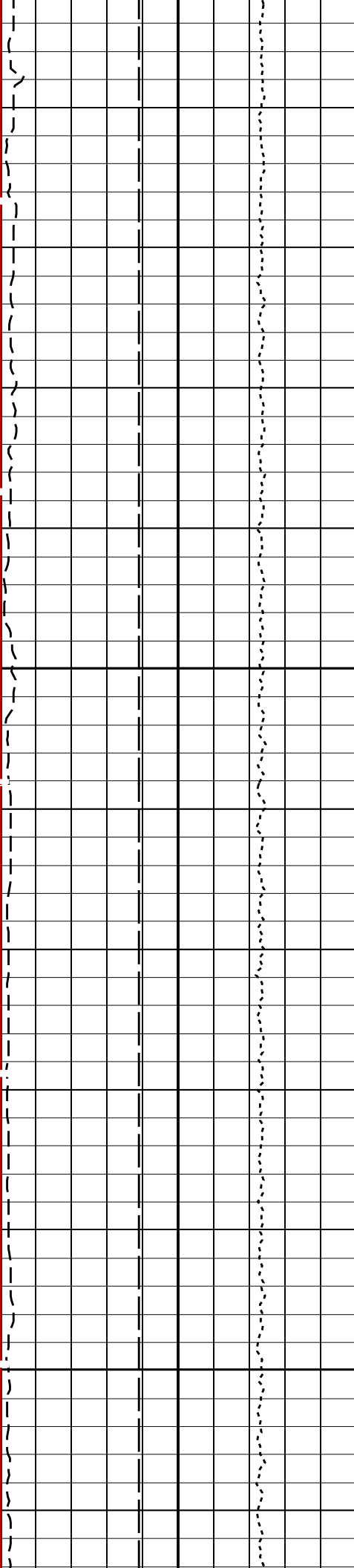
700





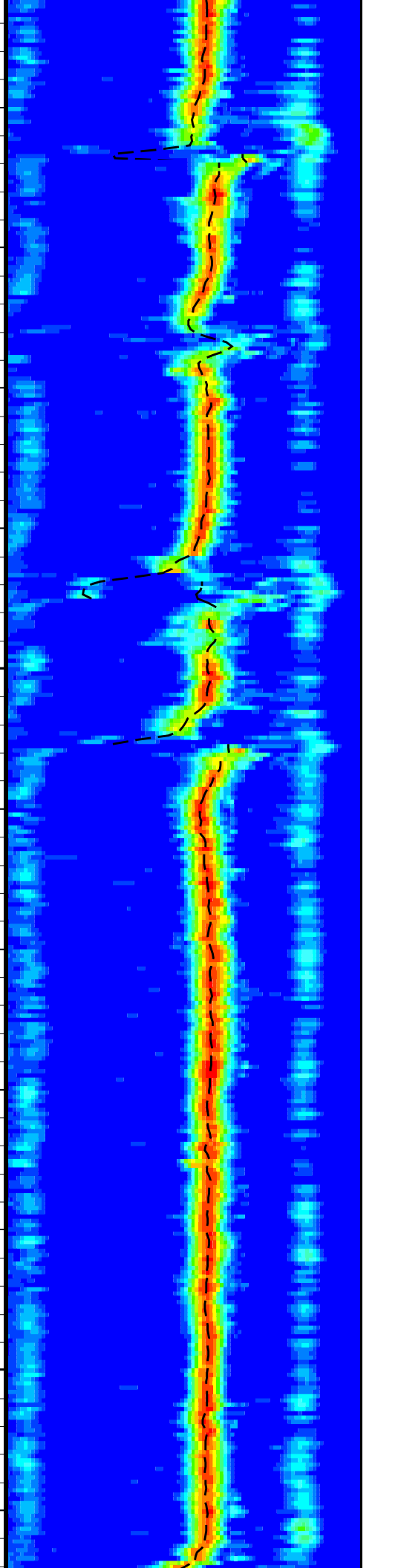
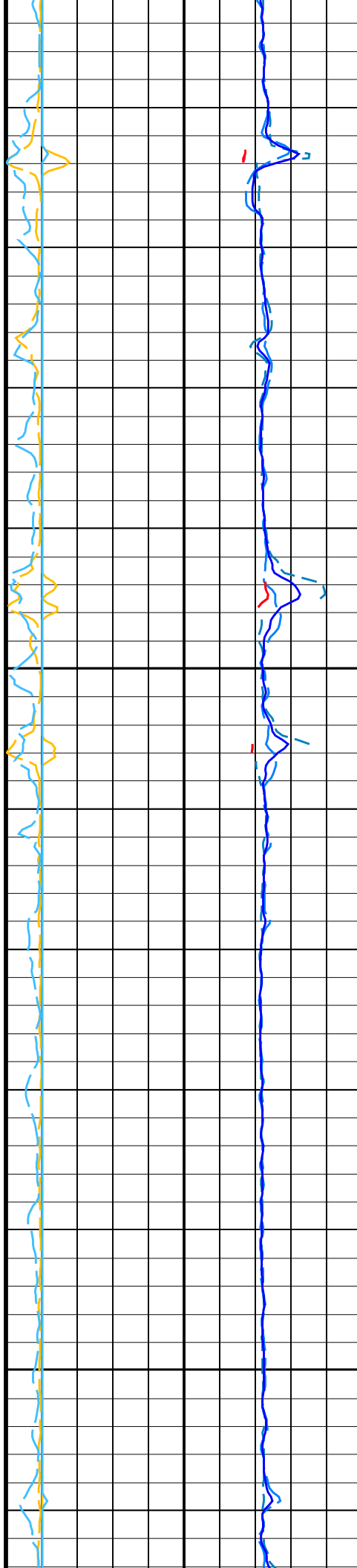


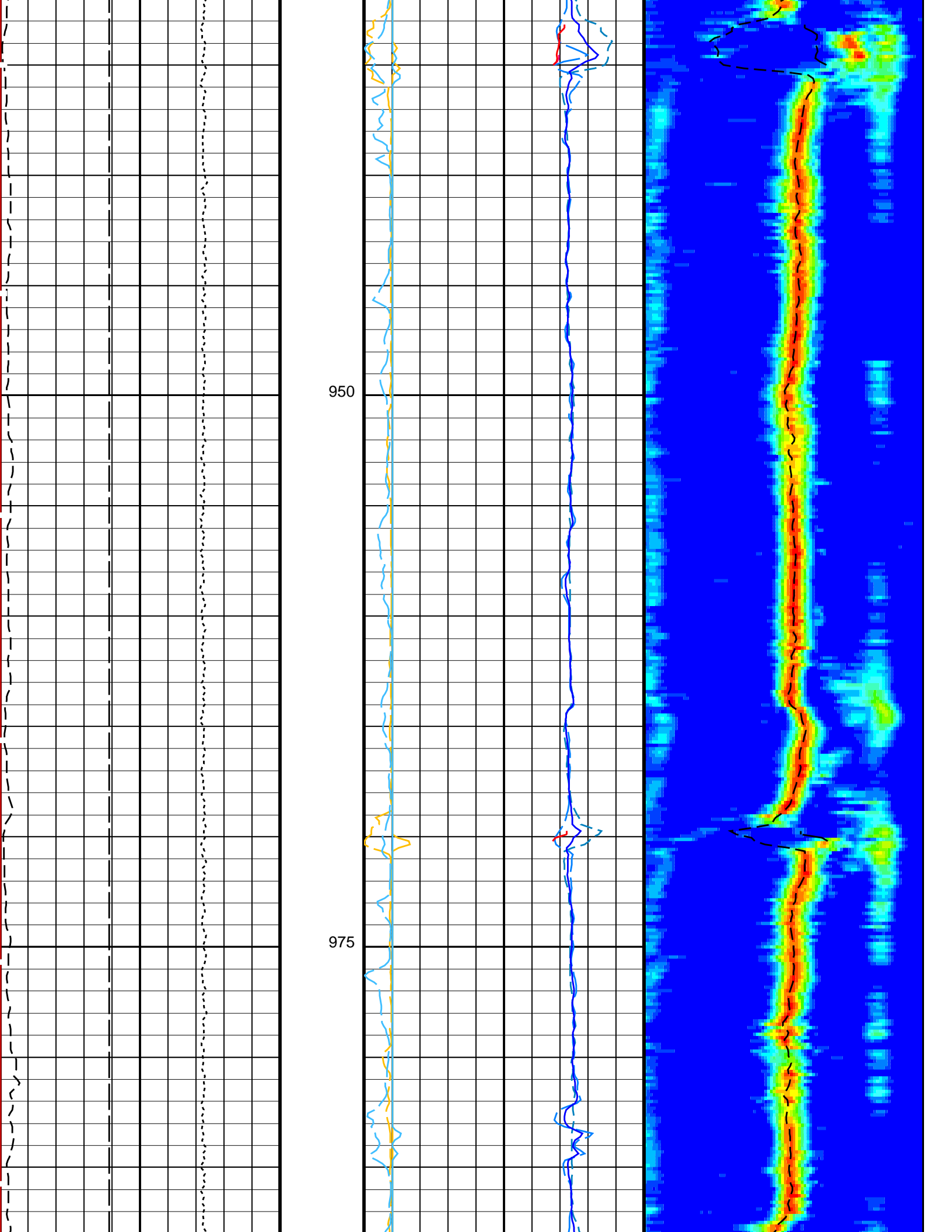


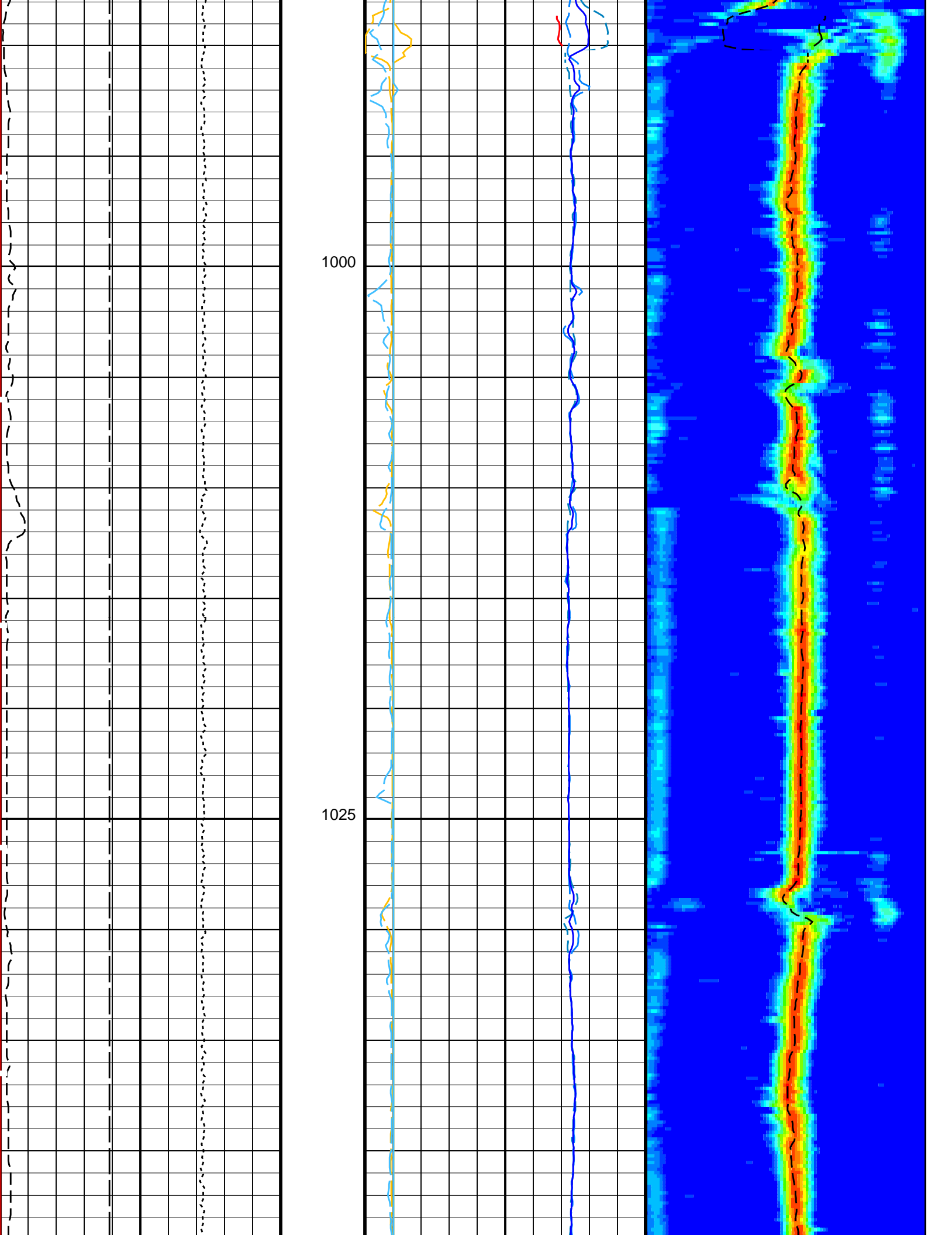


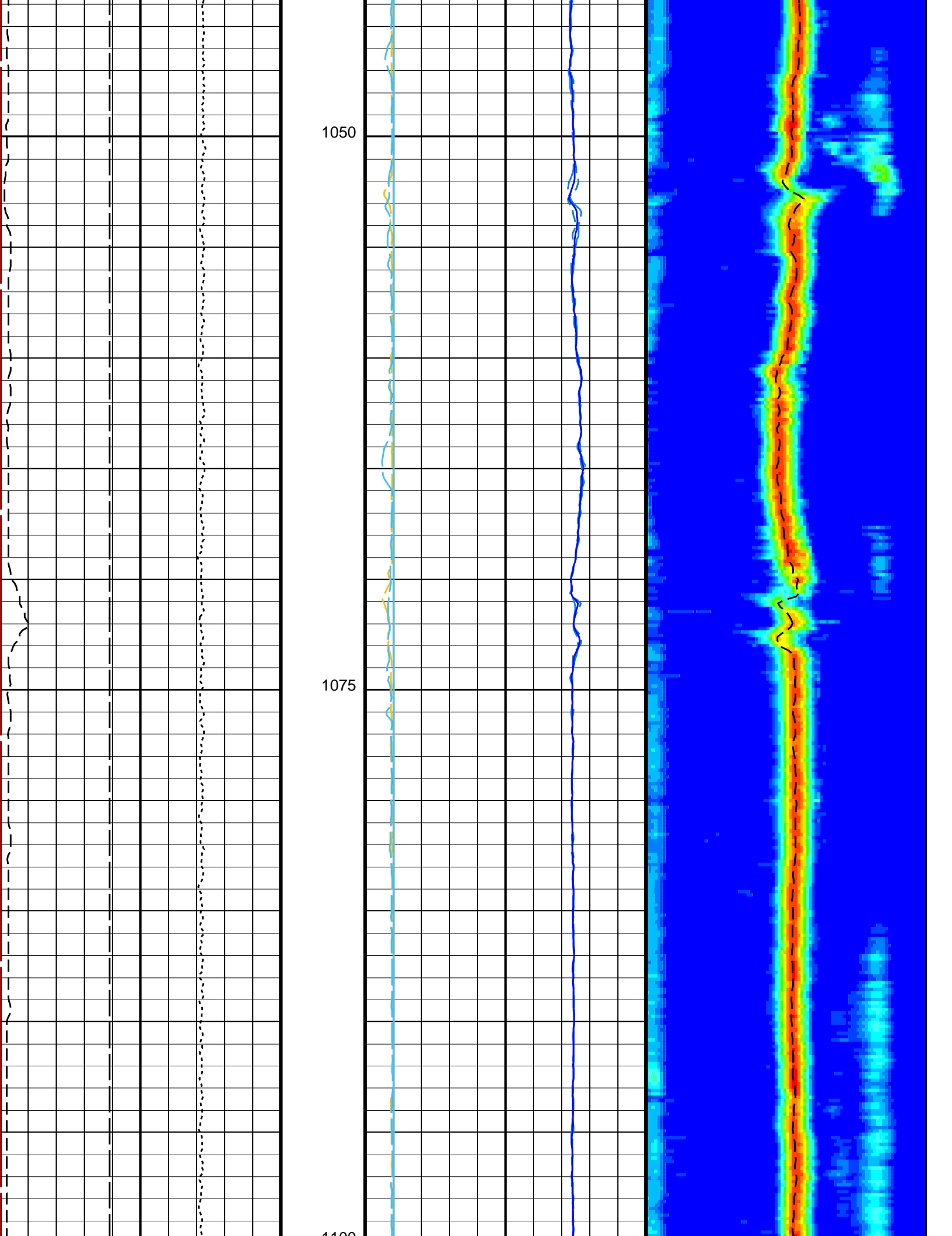
900

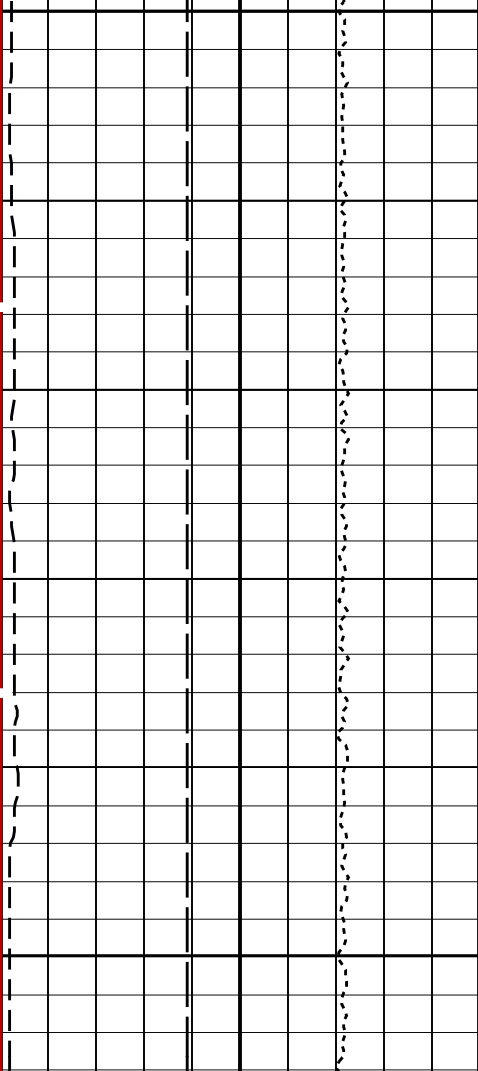
925









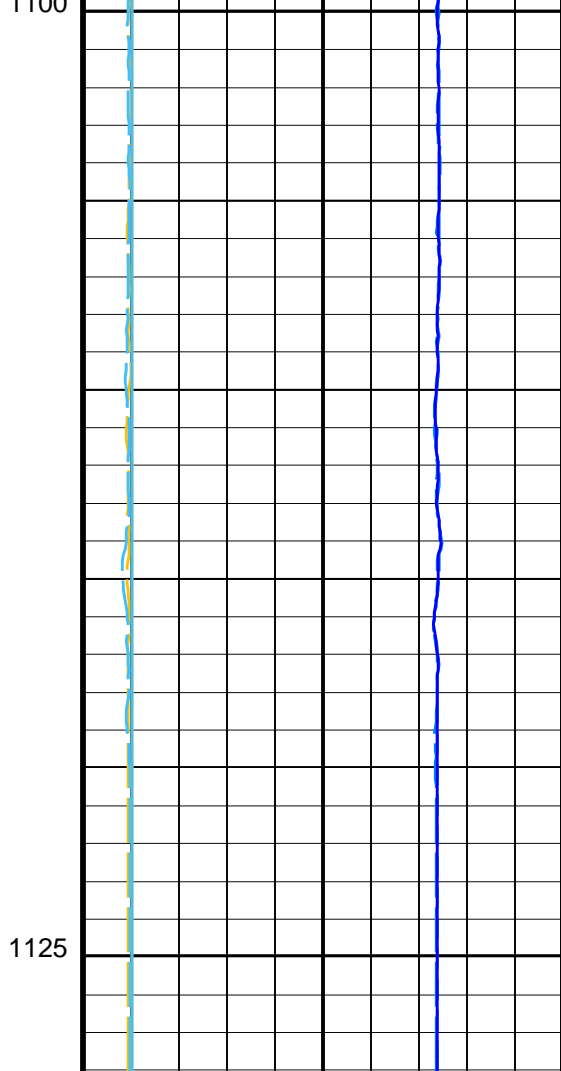


Bit Size (BS)
(IN) 6 16

SAM4 Waveform Gain (WFG4)
(----) 0 1000

Tension (TENS)
(LBF) 10000 0

Waveform Data Copy Indicator 4 –
Monopole P&S (WCI4)
0 (----) 10



Peak Coherence / RA – P & S Comp
(CHRP)
0 (----) 10

Peak Coherence / TA – P & S Comp
(CHTP)
0 (----) 10

Peak Coherence / RA – P & S Shear
(CHRS)
-1 (----) 9

Peak Coherence / TA – P & S Shear
(CHTS)
-1 (----) 9

Delta-T Comp / RA – P & S (DTRP)
(US/F) 440 40

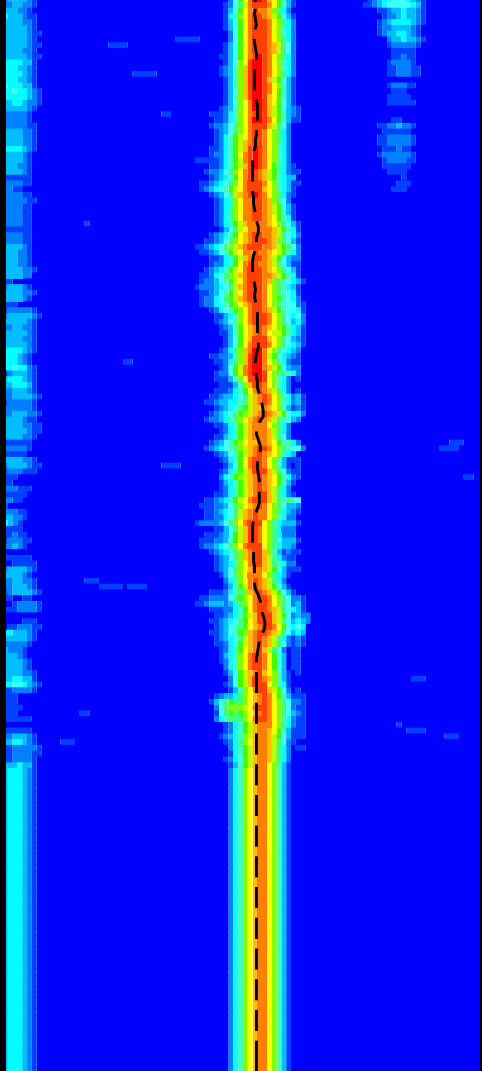
Delta-T Comp / TA – P & S (DTTP)
(US/F) 440 40

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

Delta-T Shear / RA – P & S (DTRS)
(US/F) 440 40

Delta-T Shear / TA – P & S (DTTS)
(US/F) 440 40

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



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

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

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

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	80	US/F
COUL	Label Slowness Upper Limit – Monopole P&S Compressional	180	US/F
DDE4	Digitizing Delay 4	0	US
DDEX	Digitizing Delay X	0	US
DSI4	Digitizer Sample Interval 4	10	US
DSIX	Digitizer Sample Interval X	40	US
DTF	Delta-T Fluid	189	US/F
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
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
SAM4	DSST Sonic Acquisition Mode 4 – Monopole Mode for P&S	ODD	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS4	STC Sonic Array Status – Monopole P&S	255	
SBO4	STC Search Band Offset – Monopole P&S	500	US
SBR4	STC Baseline Removal – Monopole P&S	ON	
SBW4	STC Search Bandwidth – Monopole P&S	2000	US
SFC4	STC Formation Character – Monopole P&S	SELECTABLE	
SFM4	STC Filter – Monopole P&S	B3–20K	
SHLL	Label Slowness Lower Limit – Monopole P&S Shear	75	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	180	US/F
SLL4	STC Slowness Lower Limit – Monopole P&S	40	US/F
SST4	STC Slowness Step – Monopole P&S	2	US/F
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
SUL4	STC Slowness Upper Limit – Monopole P&S	240	US/F
SWD4	STC Slowness Width – Monopole P&S	10	US/F
TBF4	STC Time for Baseline Fill – Monopole P&S	300	US
TLL4	STC Time Lower Limit – Monopole P&S	150	US
TST4	STC Time Step – Monopole P&S	50	US
TUL4	STC Time Upper Limit – Monopole P&S	3660	US
TWD4	STC Time Width – Monopole P&S	1000	US
TWI4	STC Integration Time Window – Monopole P&S	500	US
TWSX	Transmitter Waveform Select X	0	
WFM4	Waveform Mode 4	W1	
HRLT-B: High Resolution Laterolog Array – B			
BHS	Borehole Status	OPEN	
HNGS-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	NORMAL	

Format: DSST_P_S_VDL_COLOR

Vertical Scale: 1:200

Graphics File Created: 30-Sep-2023 00:55

OP System Version: 19C0–187

MSS_LDEO-A	19C0–187	DSST-B	19C0–187
HRLT-B	19C0–187	HLDS	19C0–187
LDSC-B	19C0–187	HNGC-B	19C0–187
HNGS-BA	19C0–187	EDTC-B	19C0–187

Input DLIS Files					
DEFAULT	Flip_MSS_LDEO_DSI_006LUP	PRODUCER	29-Sep-2023 23:26	1128.1 M	569.2 M
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_009PUP	FN:7	PRODUCER	30-Sep-2023 00:55	

Company: International Ocean Discovery Program

Well: Expedition 400, Site U1608A

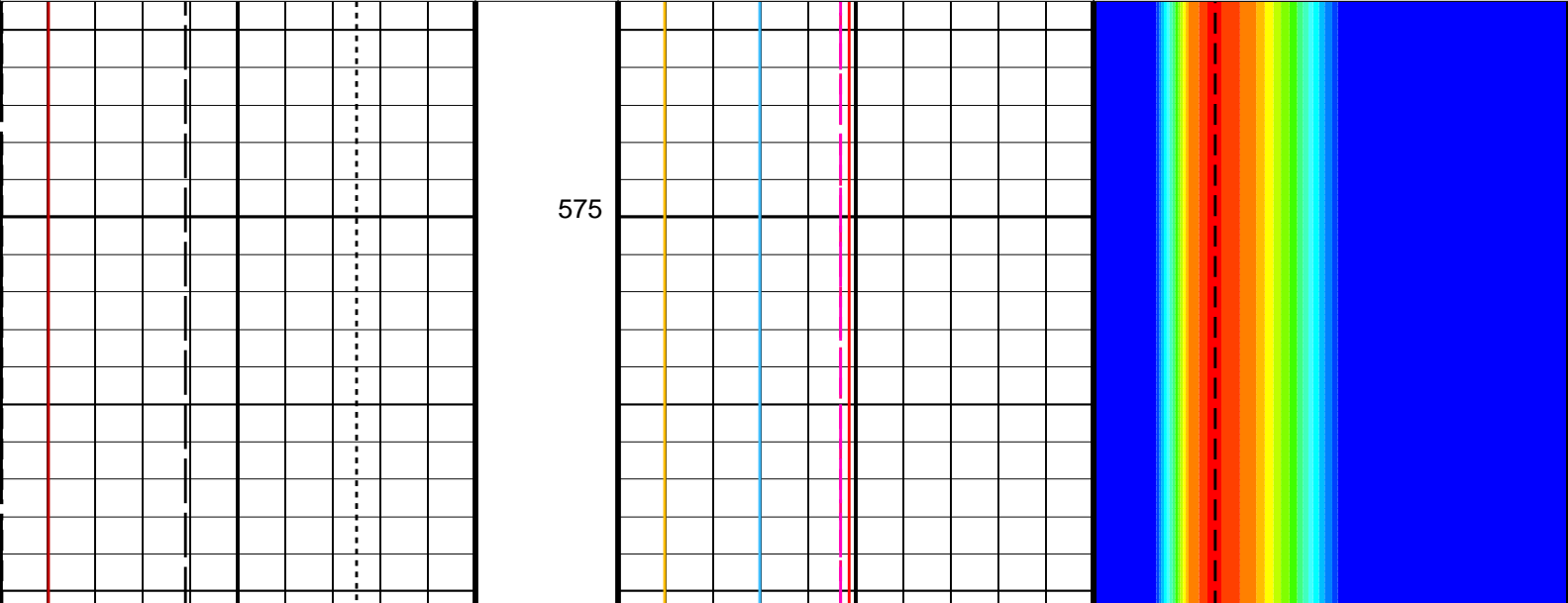
Input DLIS Files					
DEFAULT	Flip_MSS_LDEO_DSI_006LUP	PRODUCER	29-Sep-2023 23:26	1128.1 M	569.2 M
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_009PUP	FN:7	PRODUCER	30-Sep-2023 00:55	1128.1 M 569.2 M

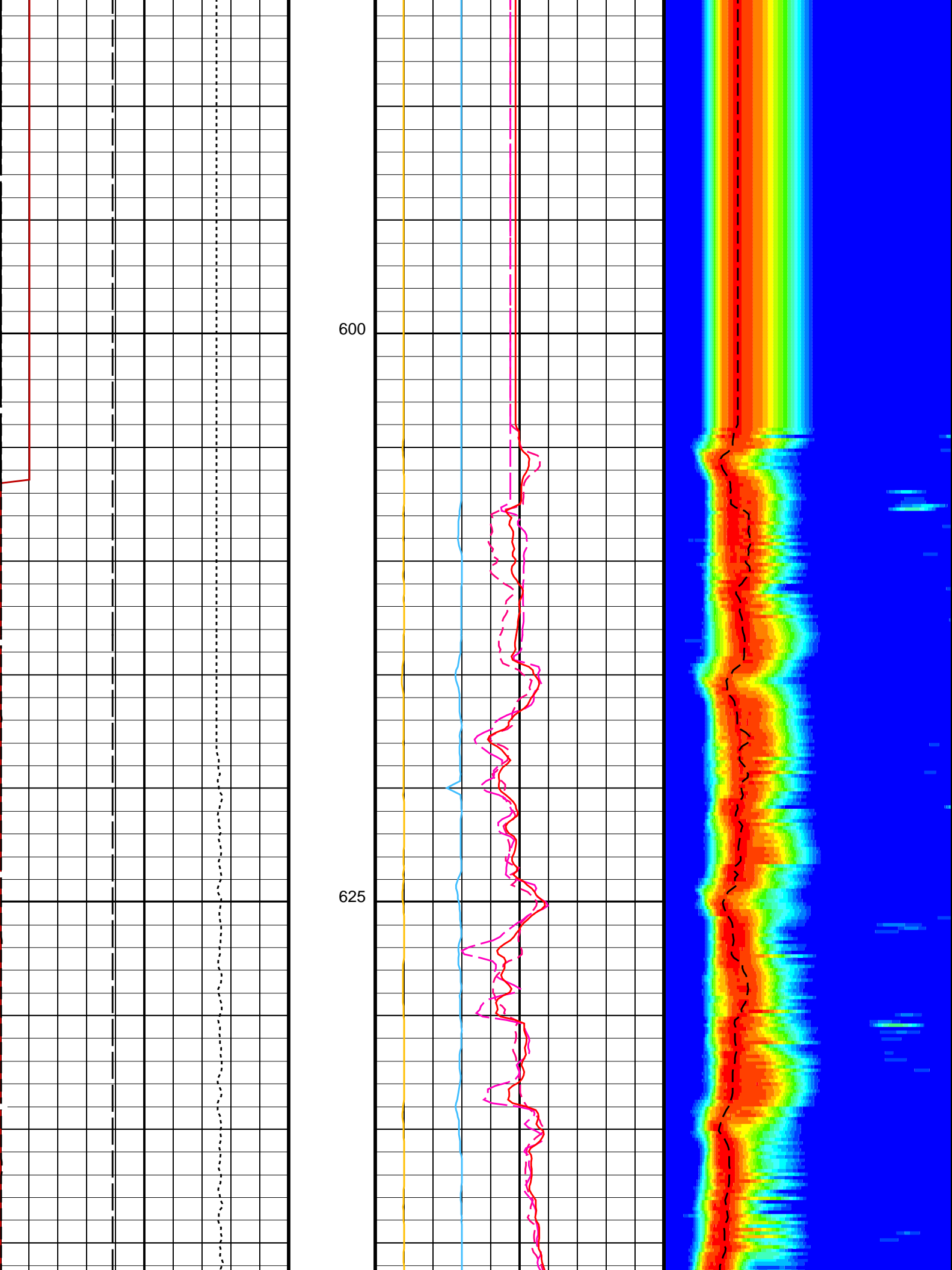
OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	DSST-B	19C0-187		
HRLT-B	19C0-187	HLDS	19C0-187		
LDSC-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		

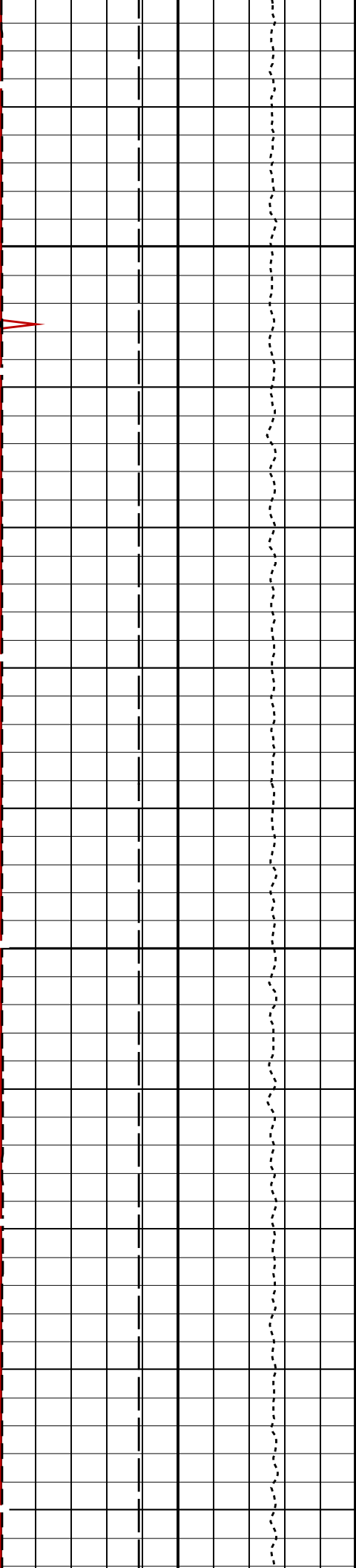
PIP SUMMARY

Time Mark Every 60 S

<div>Waveform Data Copy Indicator 2 – Upper Dipole (WCI2)</div> <div>0 (----) 10</div> <div>Tension (TENS)</div> <div>10000 (LBF) 0</div> <div>SAM2 Waveform Gain (WFG2)</div> <div>0 (----) 1000</div> <div>Bit Size (BS)</div> <div>6 (IN) 16</div>	<div>Delta-T Shear – Upper Dipole (DT2)</div> <div>440 (US/F) 40</div>	<div>MinAmplitudeMax</div> <div>Rec.Array U.Dipole Slow Proj. CVDL (SPR2) (US/F)</div> <div>75775</div> <div>Delta-T Shear / RA – Upper Dipole (DT2R) (US/F)</div> <div>75775</div>
	<div>Delta-T Shear / TA – Upper Dipole (DT2T)</div> <div>440 (US/F) 40</div>	
	<div>Delta-T Shear / RA – Upper Dipole (DT2R)</div> <div>440 (US/F) 40</div>	
	<div>Peak Coherence / TA – Upper Dipole (CHT2)</div> <div>-2 (----) 8</div>	
	<div>Peak Coherence / RA – Upper Dipole (CHR2)</div> <div>0 (----) 10</div>	

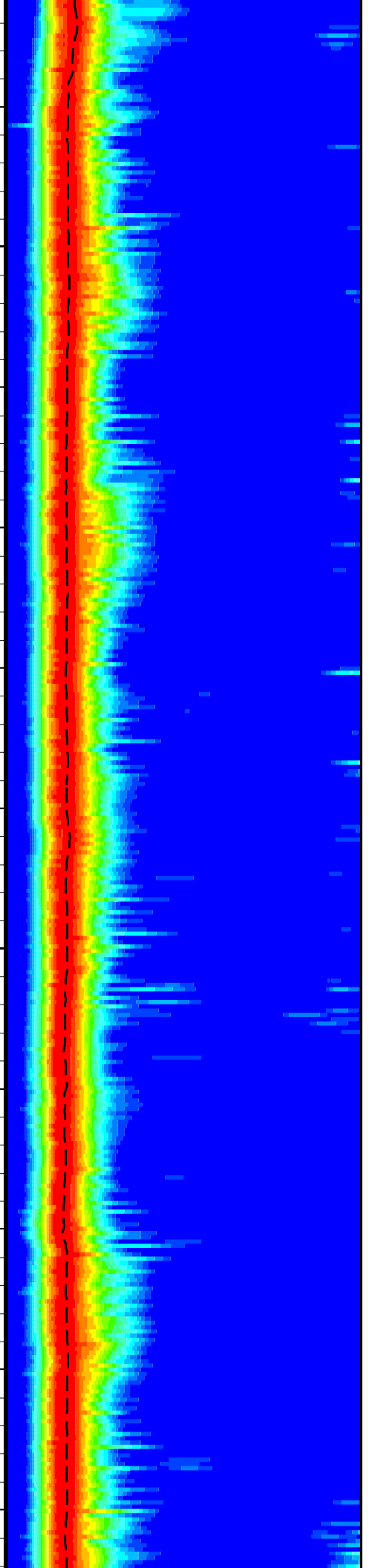
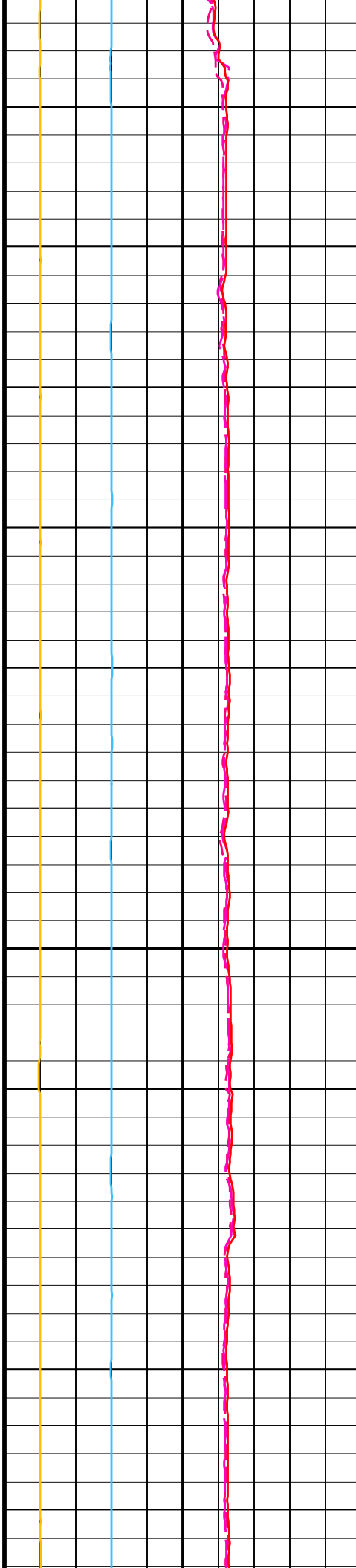


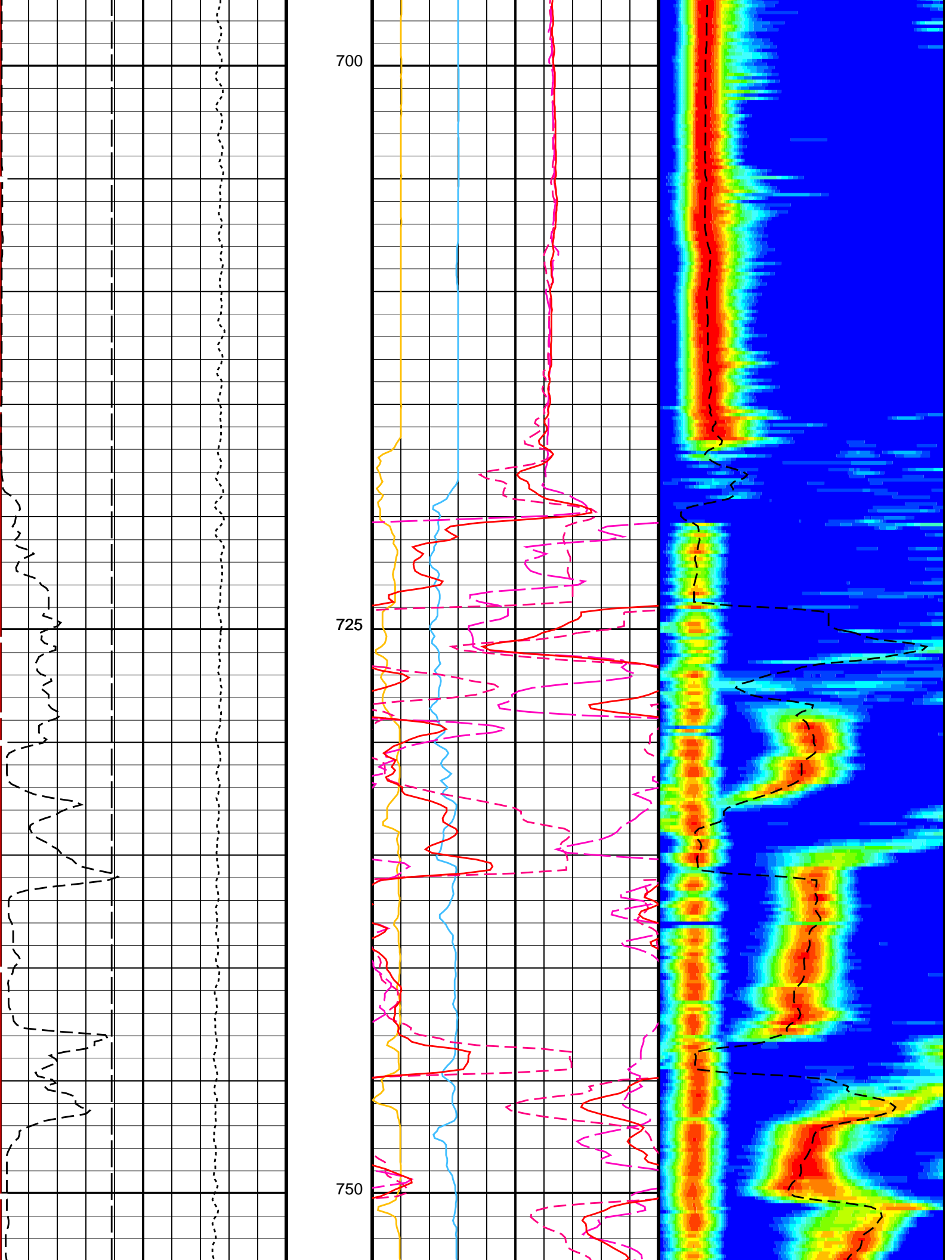


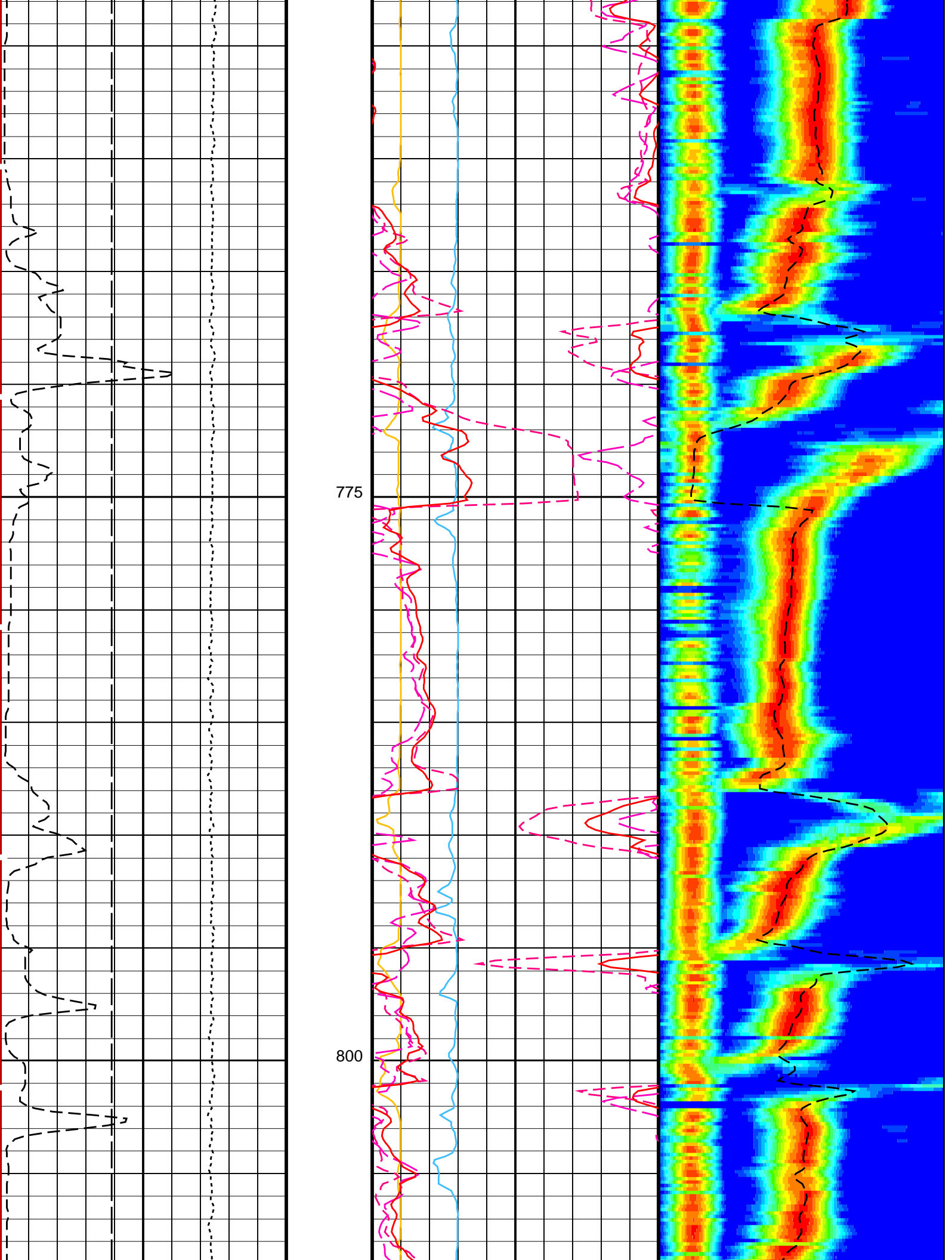


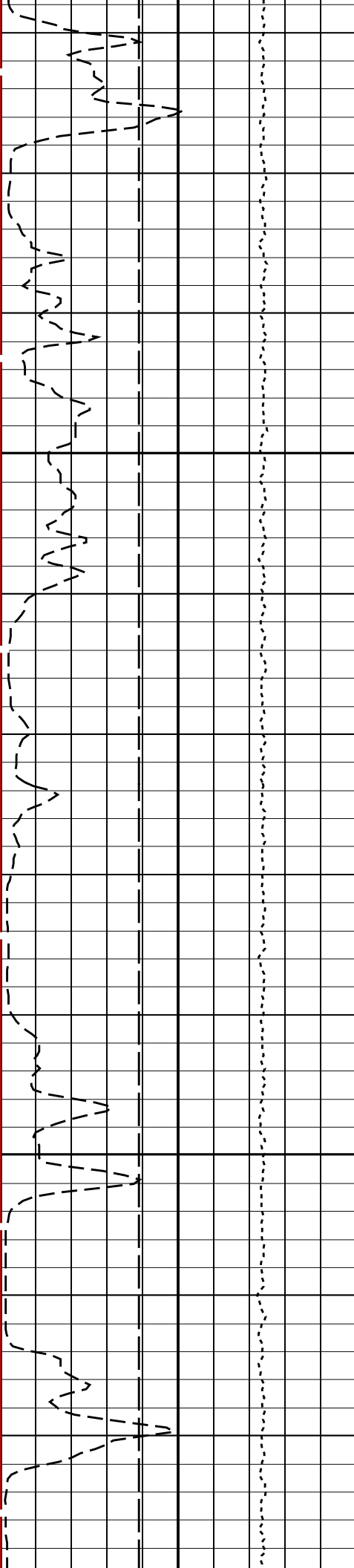
650

675



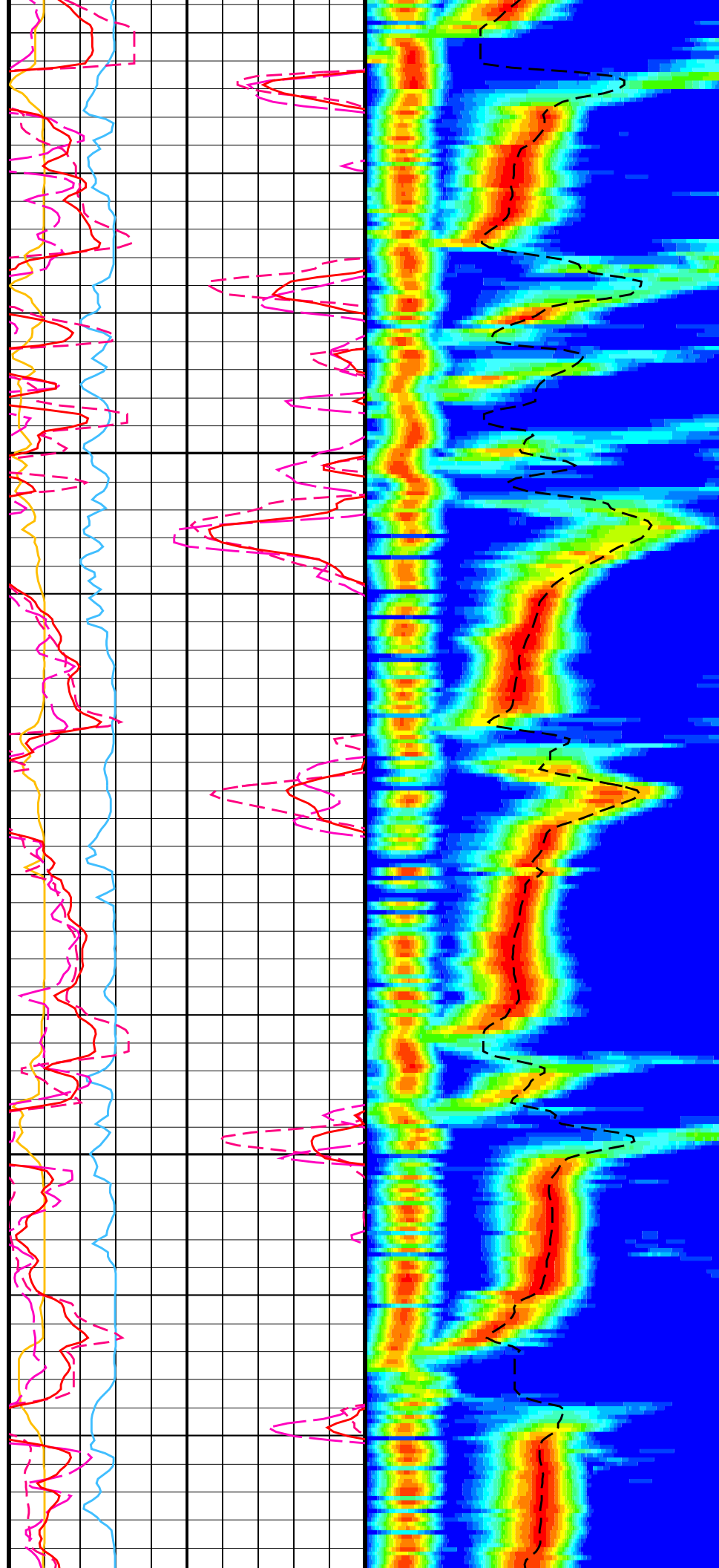


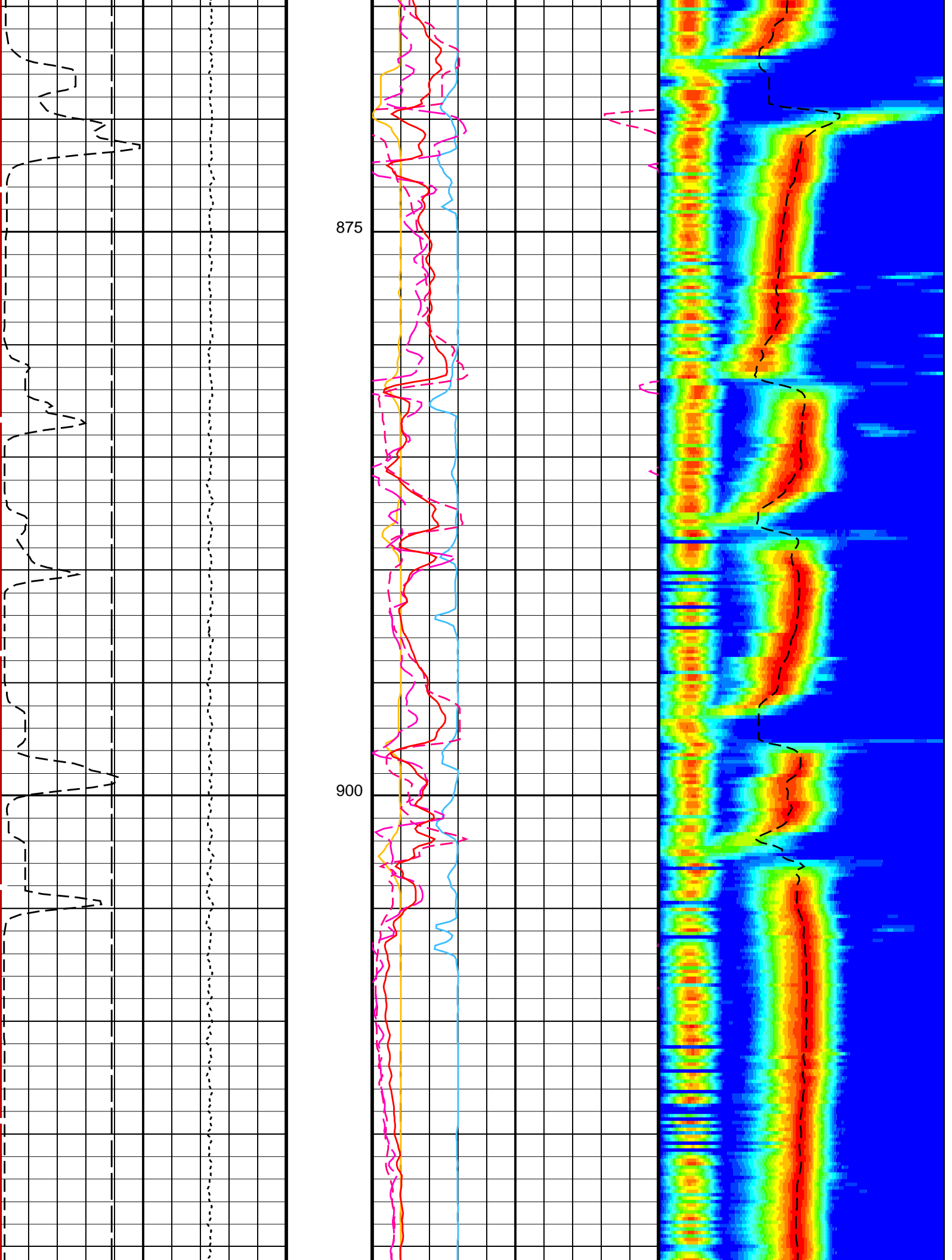


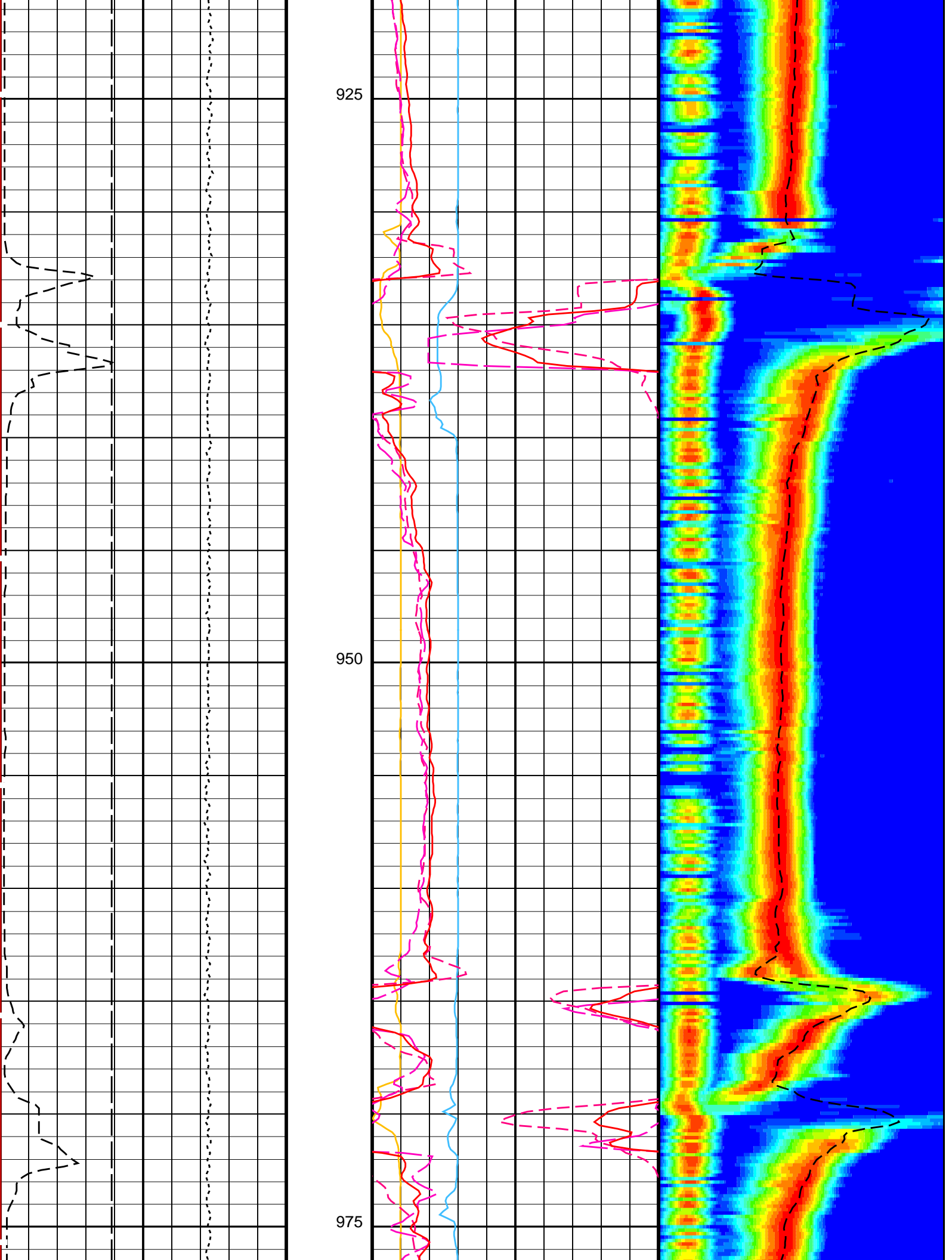


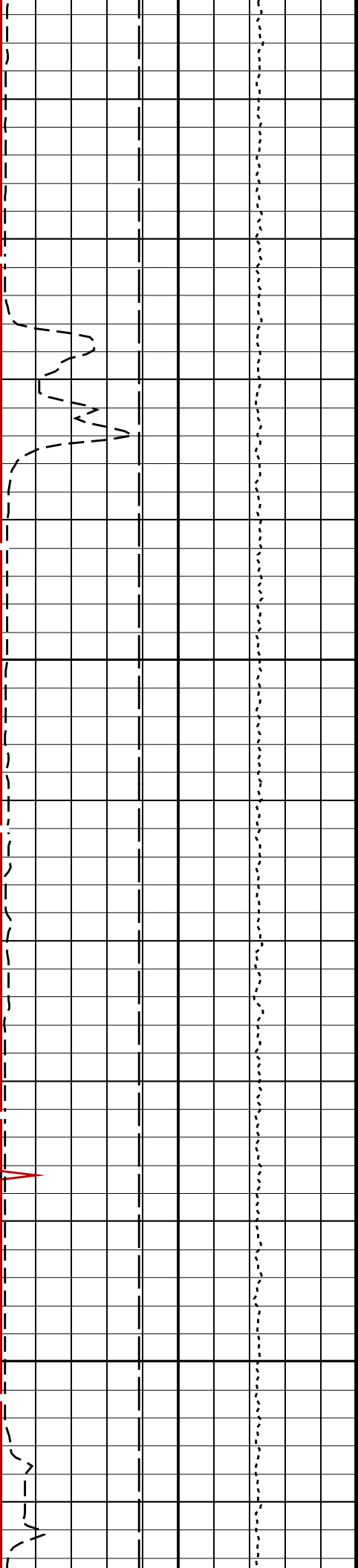
825

850



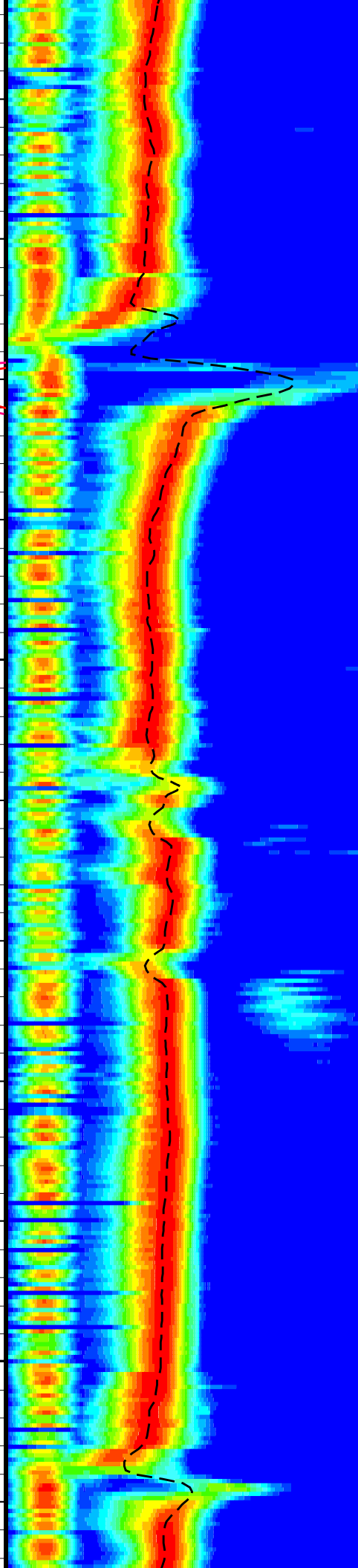
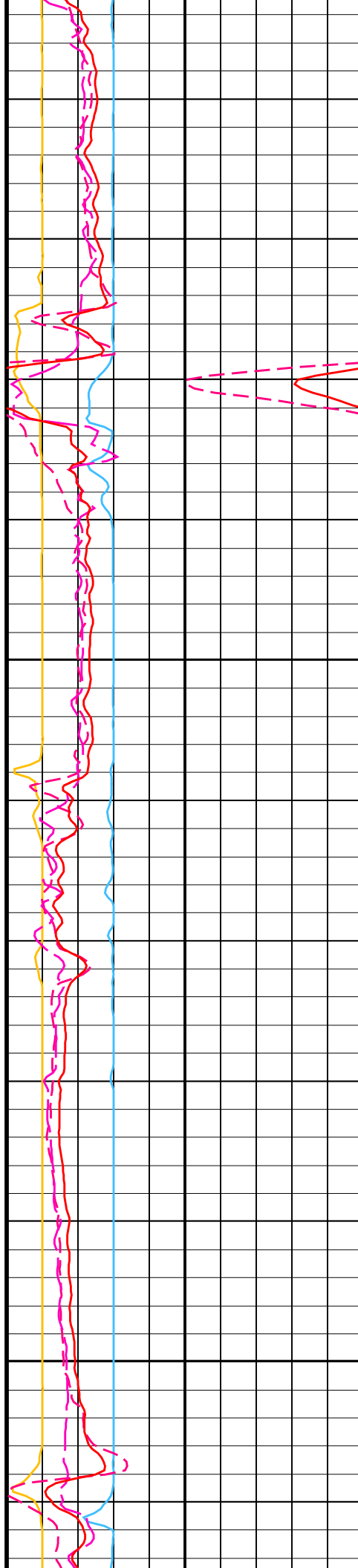


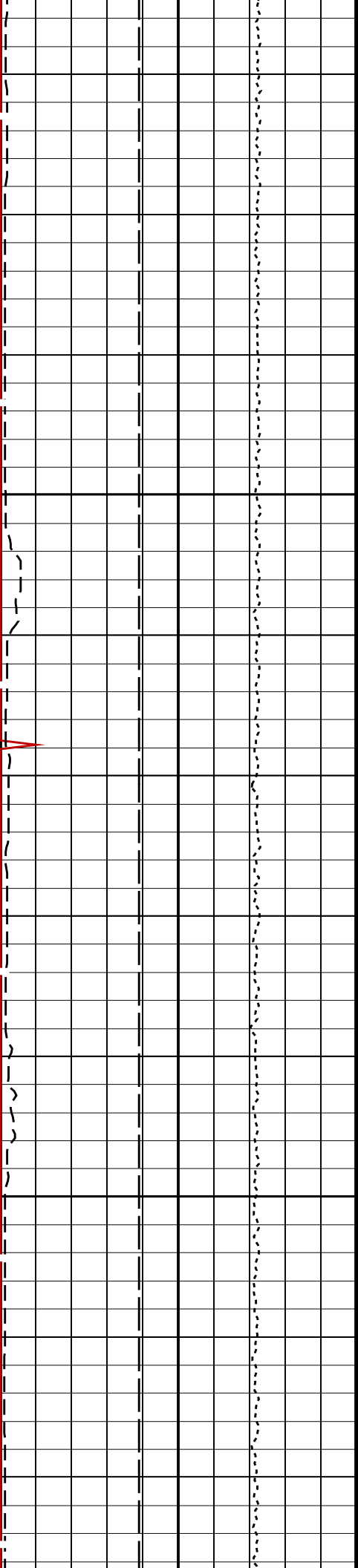




1000

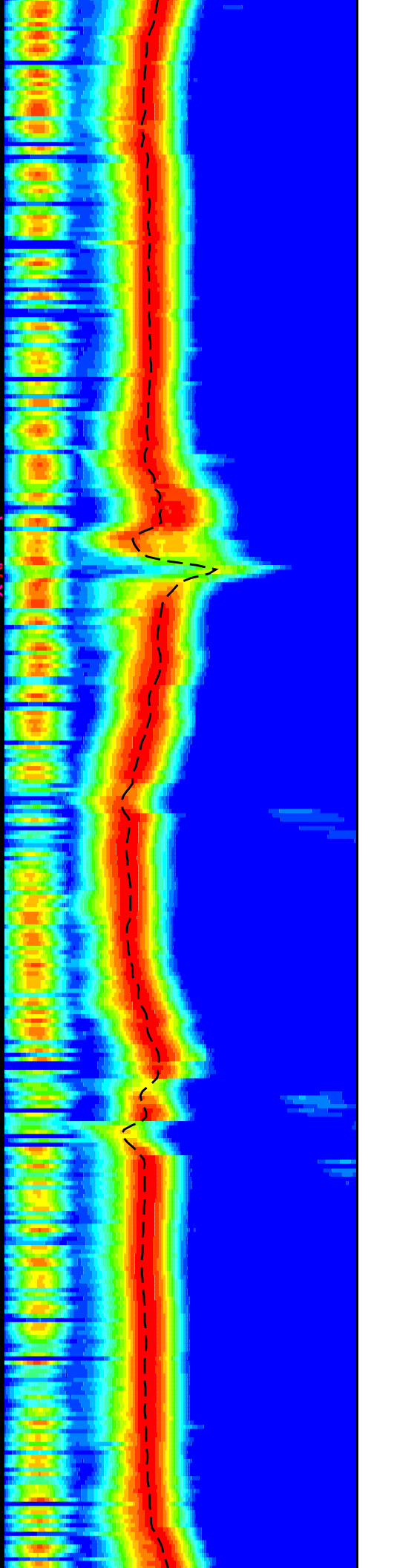
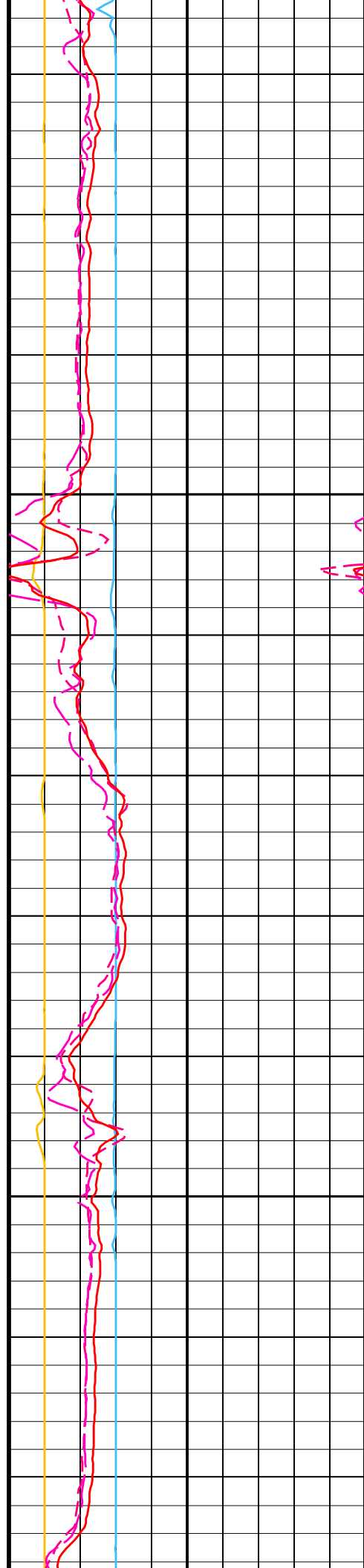
1025

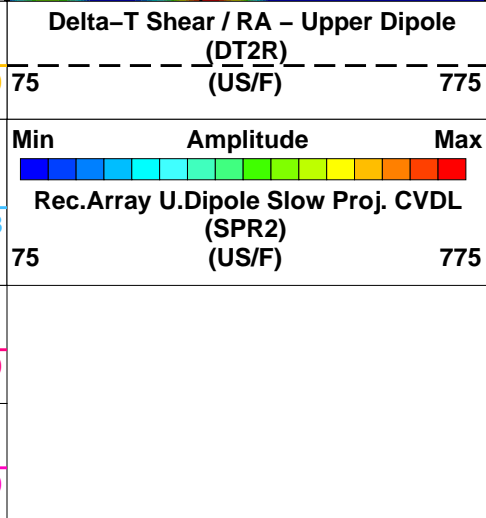
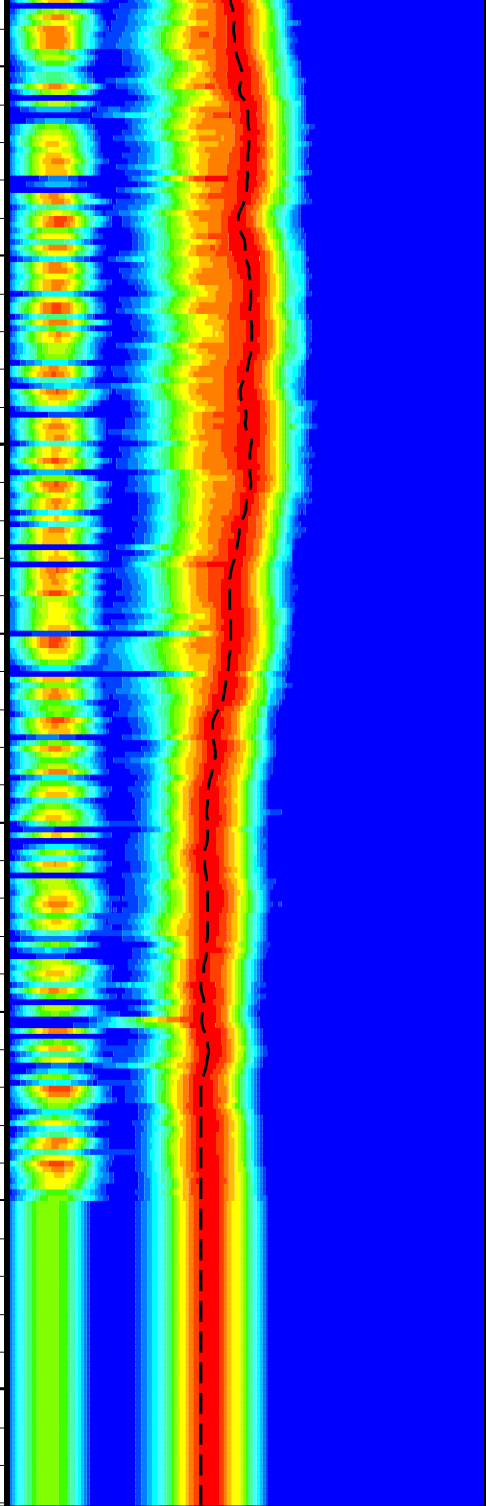
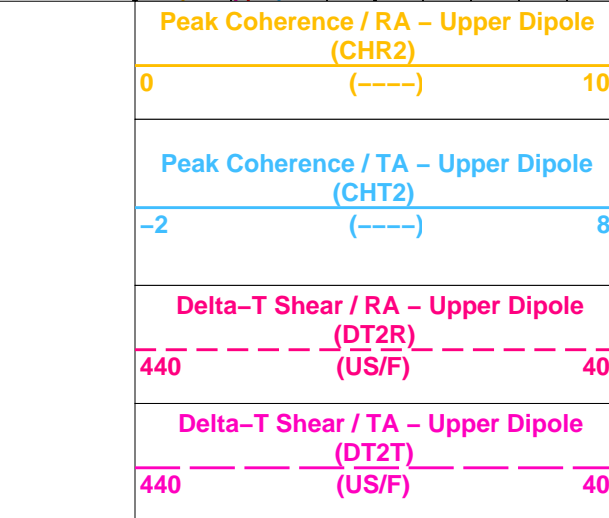
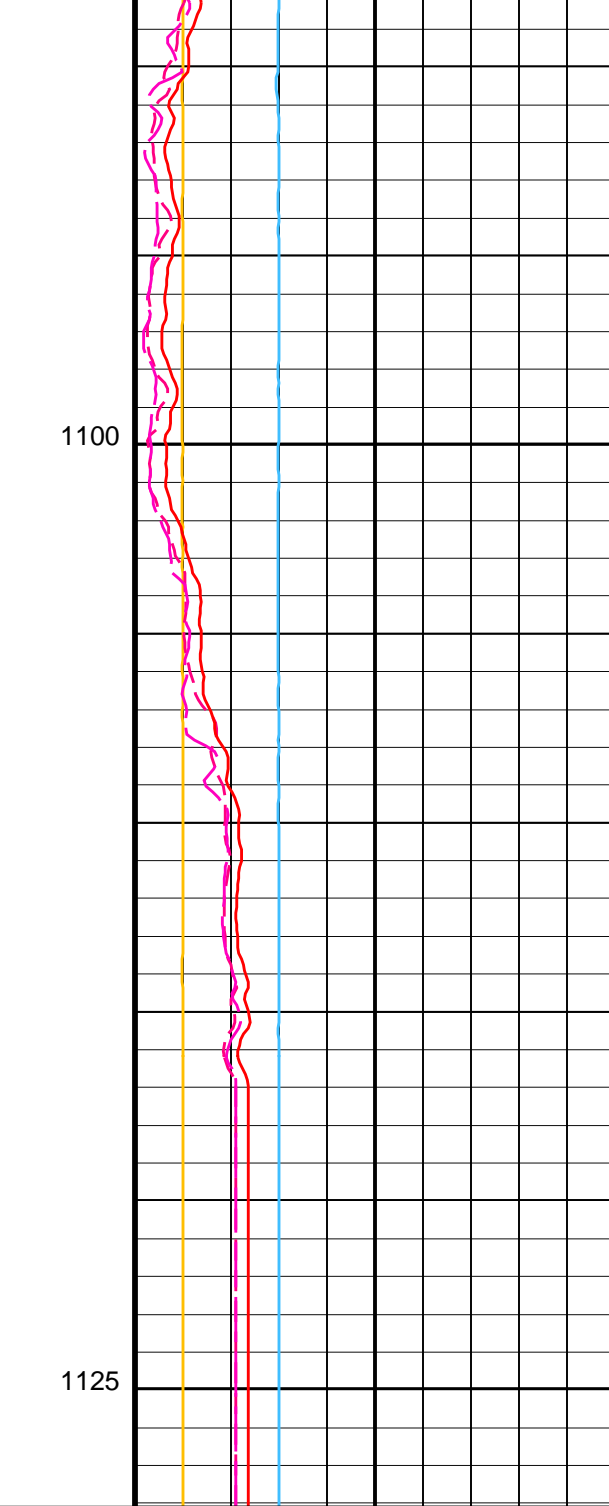
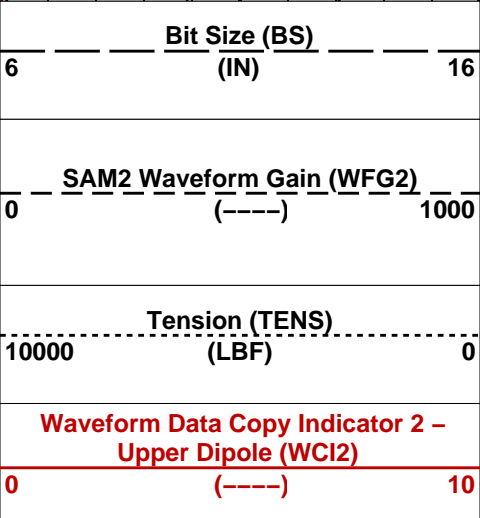
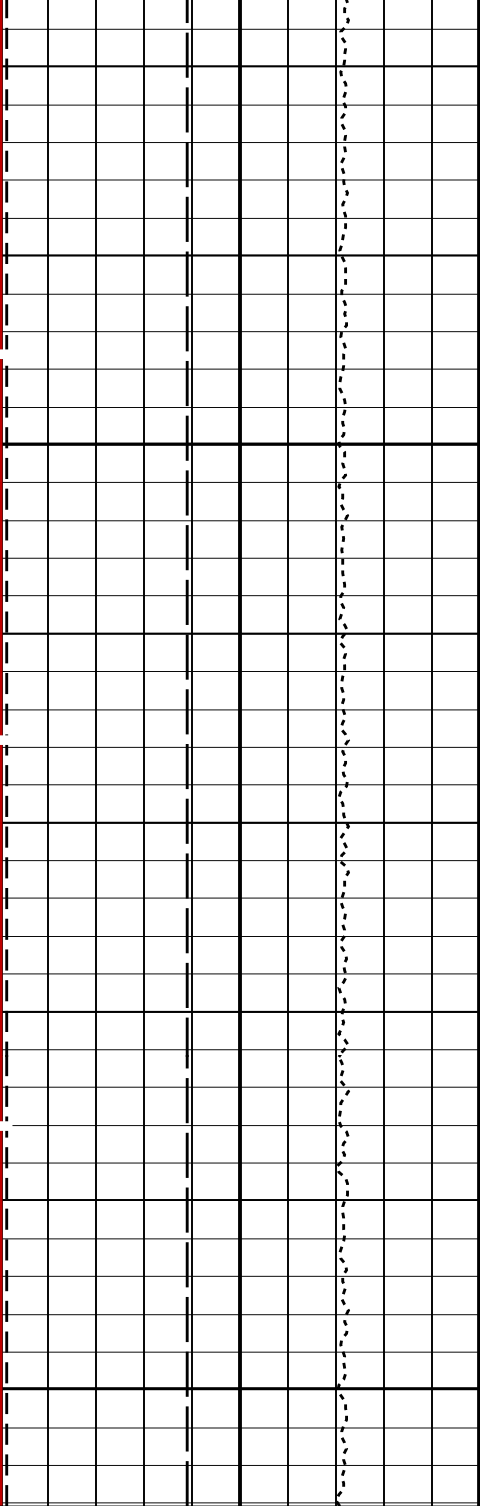




1050

1075





Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE2	Digitizing Delay 2	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	300	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	775	US/F
DSI2	Digitizer Sample Interval 2	40	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta-T Source for DTCO Channel	PS_COMP	
DWC2	Digitizer Word Count 2	512	
DWCX	Digitizer Word Count X	512	
NWI2	Number Waveform Items 2	8	
NWIX	Number Waveform Items X	0	
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	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS2	STC Sonic Array Status – Upper Dipole	255	
SBO2	STC Search Band Offset – Upper Dipole	3000	US
SBW2	STC Search Bandwidth – Upper Dipole	8000	US
SFC2	STC Formation Character – Upper Dipole	SELECTABLE	
SFM2	STC Filter – Upper Dipole	B1–3K	
SLL2	STC Slowness Lower Limit – Upper Dipole	75	US/F
SST2	STC Slowness Step – Upper Dipole	4	US/F
SSW2	STC Source Waveform – Upper Dipole	WF_SAM2	
SUL2	STC Slowness Upper Limit – Upper Dipole	775	US/F
SWD2	STC Slowness Width – Upper Dipole	40	US/F
TBF2	STC Time for Baseline Fill – Upper Dipole	0	US
TLL2	STC Time Lower Limit – Upper Dipole	600	US
TST2	STC Time Step – Upper Dipole	200	US
TUL2	STC Time Upper Limit – Upper Dipole	15525	US
TWD2	STC Time Width – Upper Dipole	2000	US
TWI2	STC Integration Time Window – Upper Dipole	1600	US
TWSX	Transmitter Waveform Select X	0	
UTXG	Upper Dipole Transmitter Geometry	162	IN
WFM2	Waveform Mode 2	W1	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: DSST_UPPER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 30-Sep-2023 00:55

OP System Version: 19C0–187

MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

Input DLIS Files

DEFAULT	Flip_MSS_LDEO_DSI_006LUP	PRODUCER	29-Sep-2023 23:26	1128.1 M	569.2 M
---------	--------------------------	----------	-------------------	----------	---------

Output DLIS Files

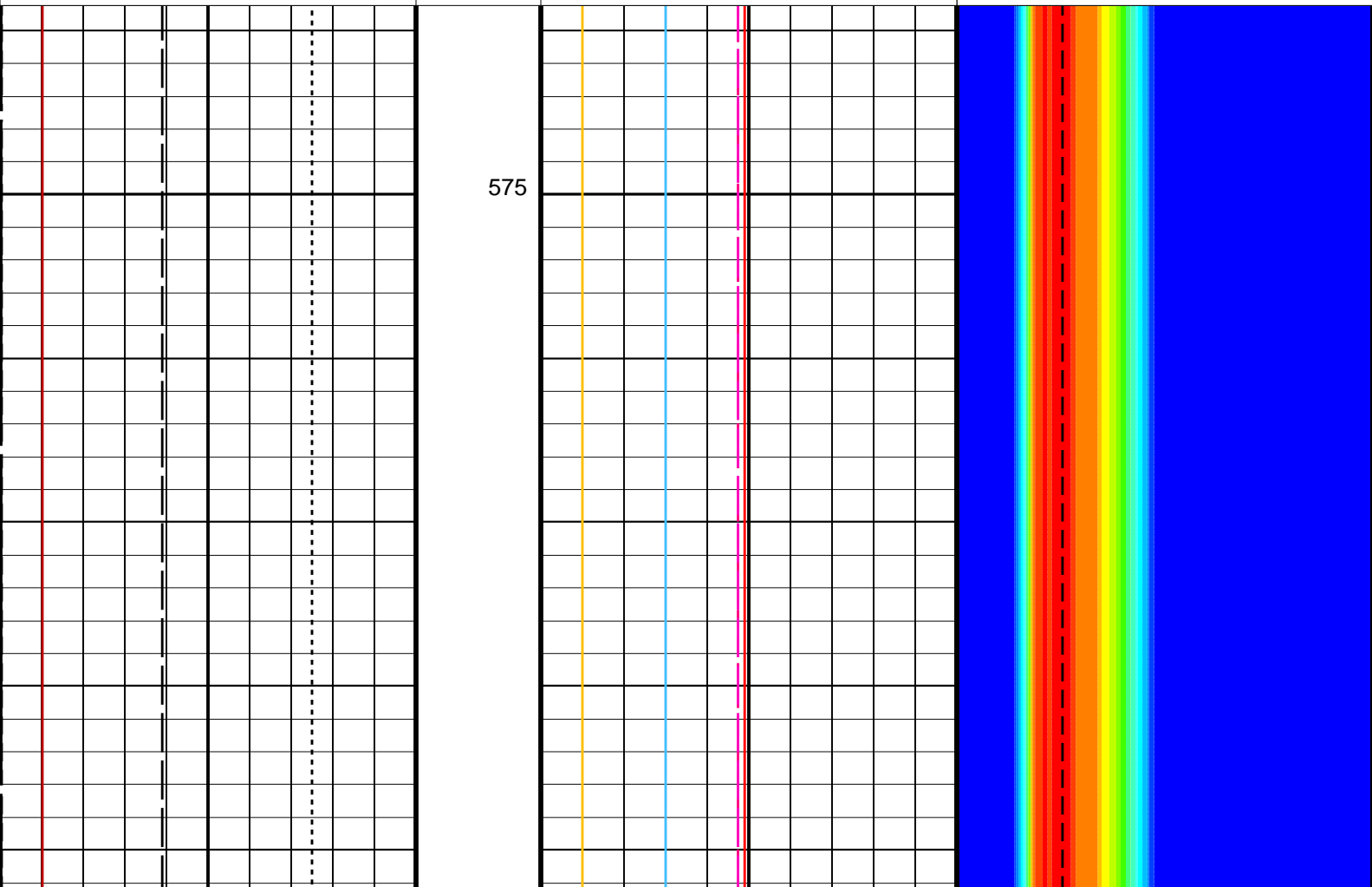
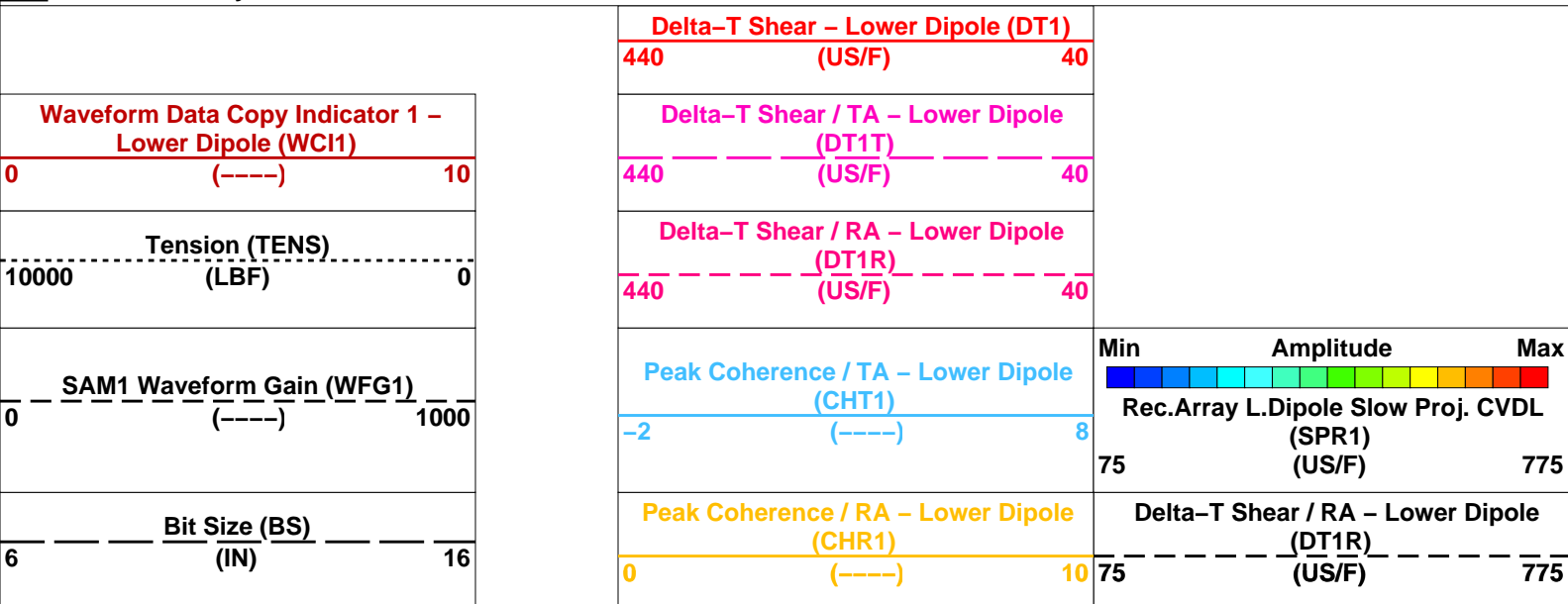
DEFAULT	MSS_LDEO_DSI_HRLA_009PUP	FN:7	PRODUCER	30-Sep-2023 00:55
---------	--------------------------	------	----------	-------------------

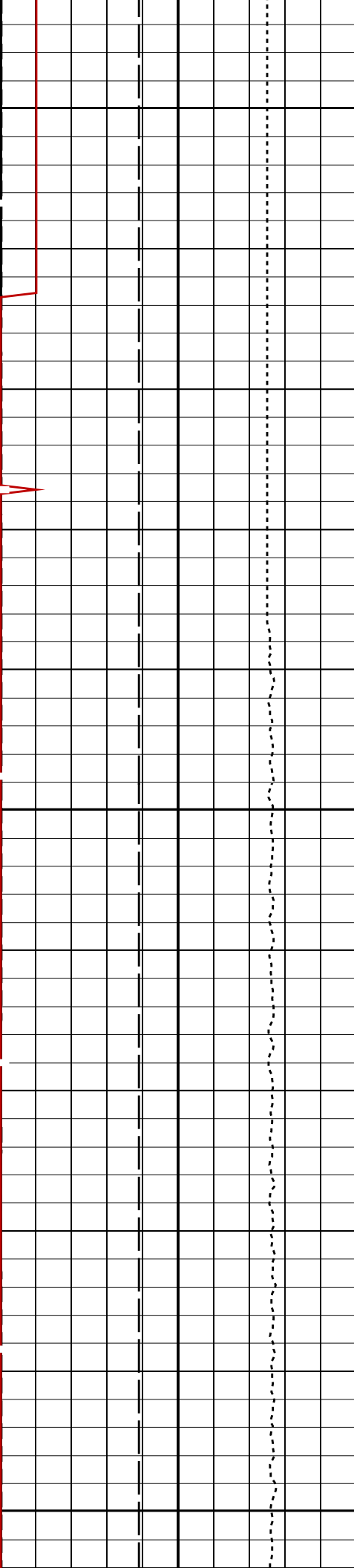
Input DLIS Files

DEFAULT	Flip_MSS_LDEO_DSI_006LUP	PRODUCER	29-Sep-2023 23:26	1128.1 M	569.2 M
---------	--------------------------	----------	-------------------	----------	---------

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Time Mark Every 60 S

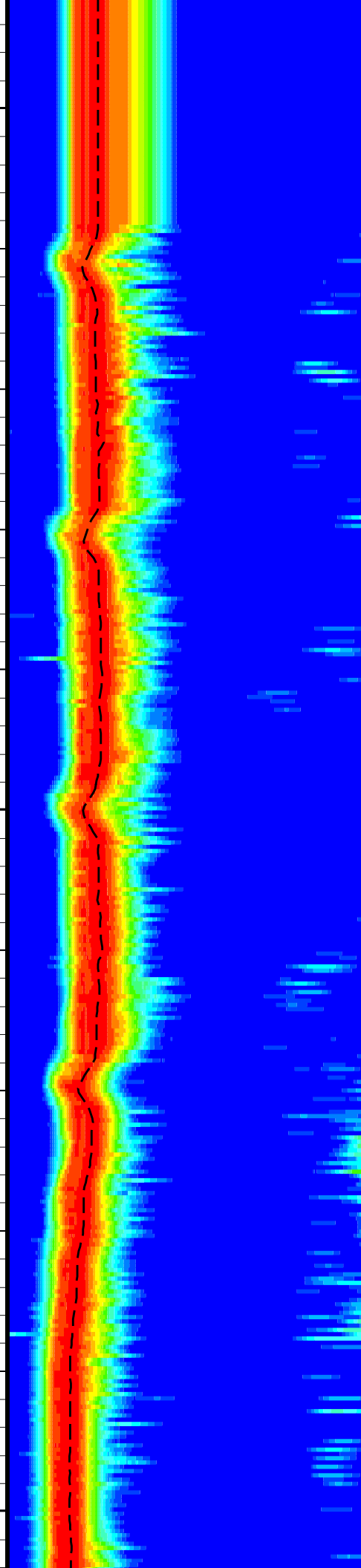
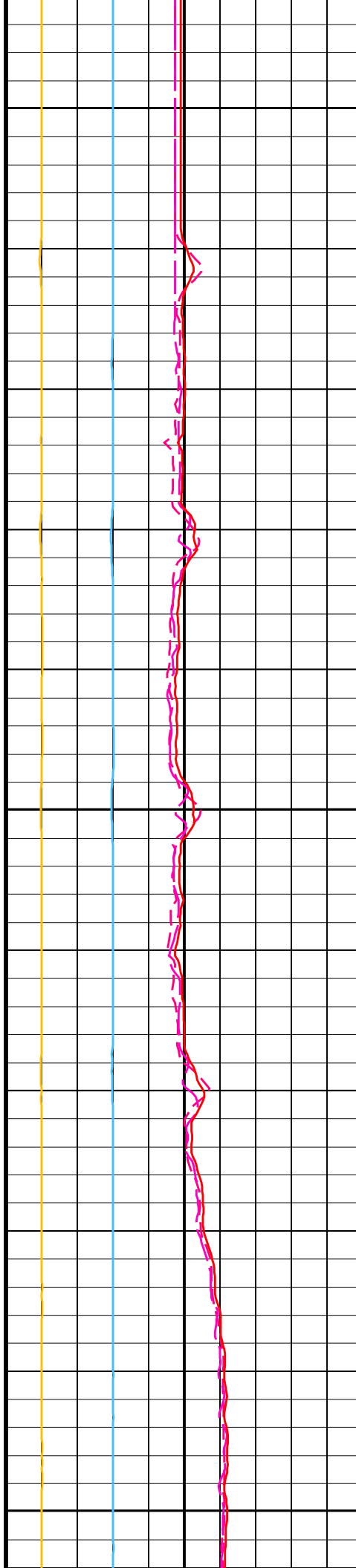


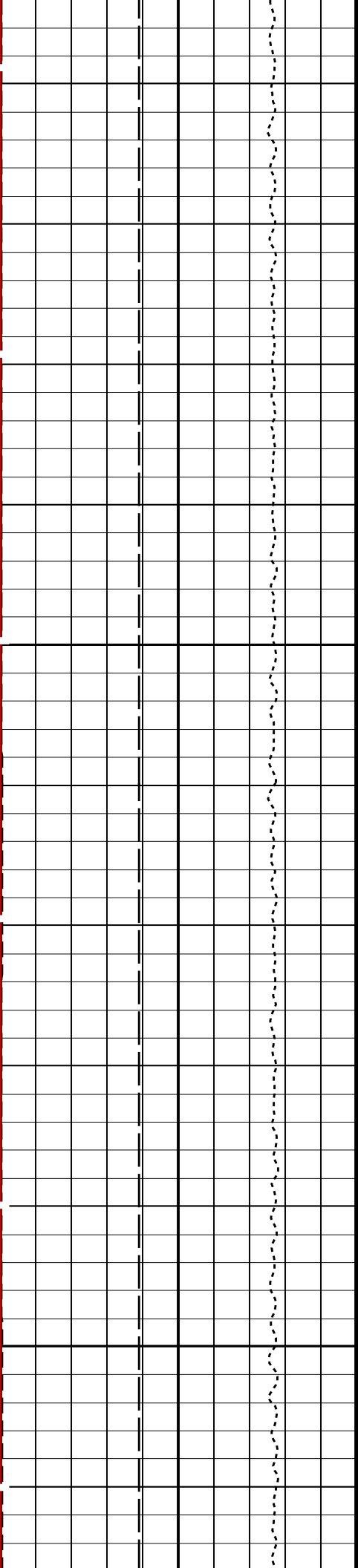


600

625

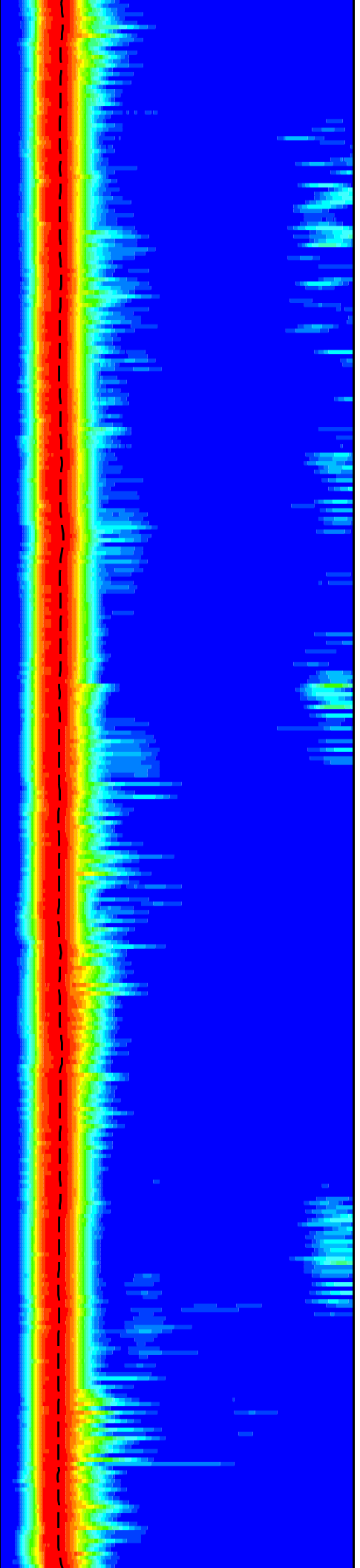
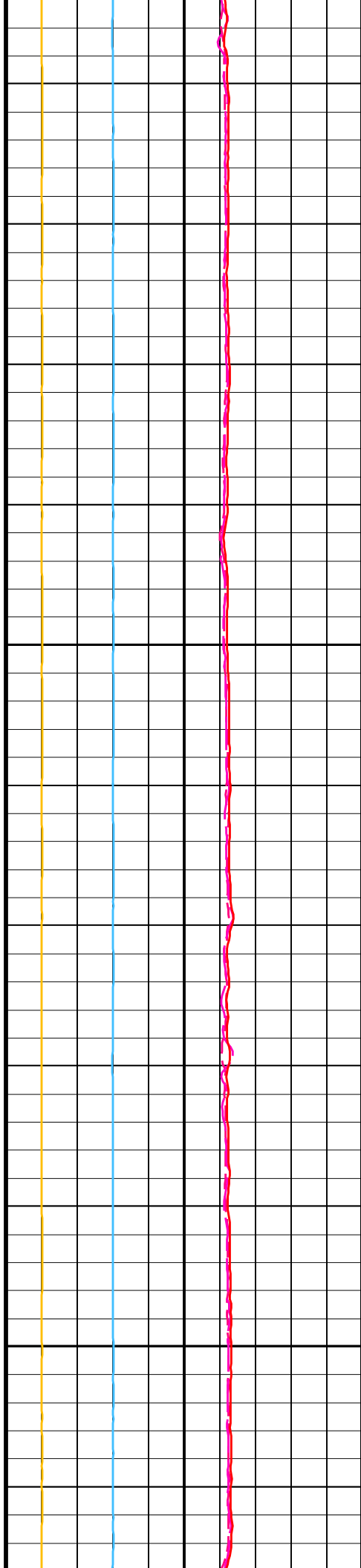
650

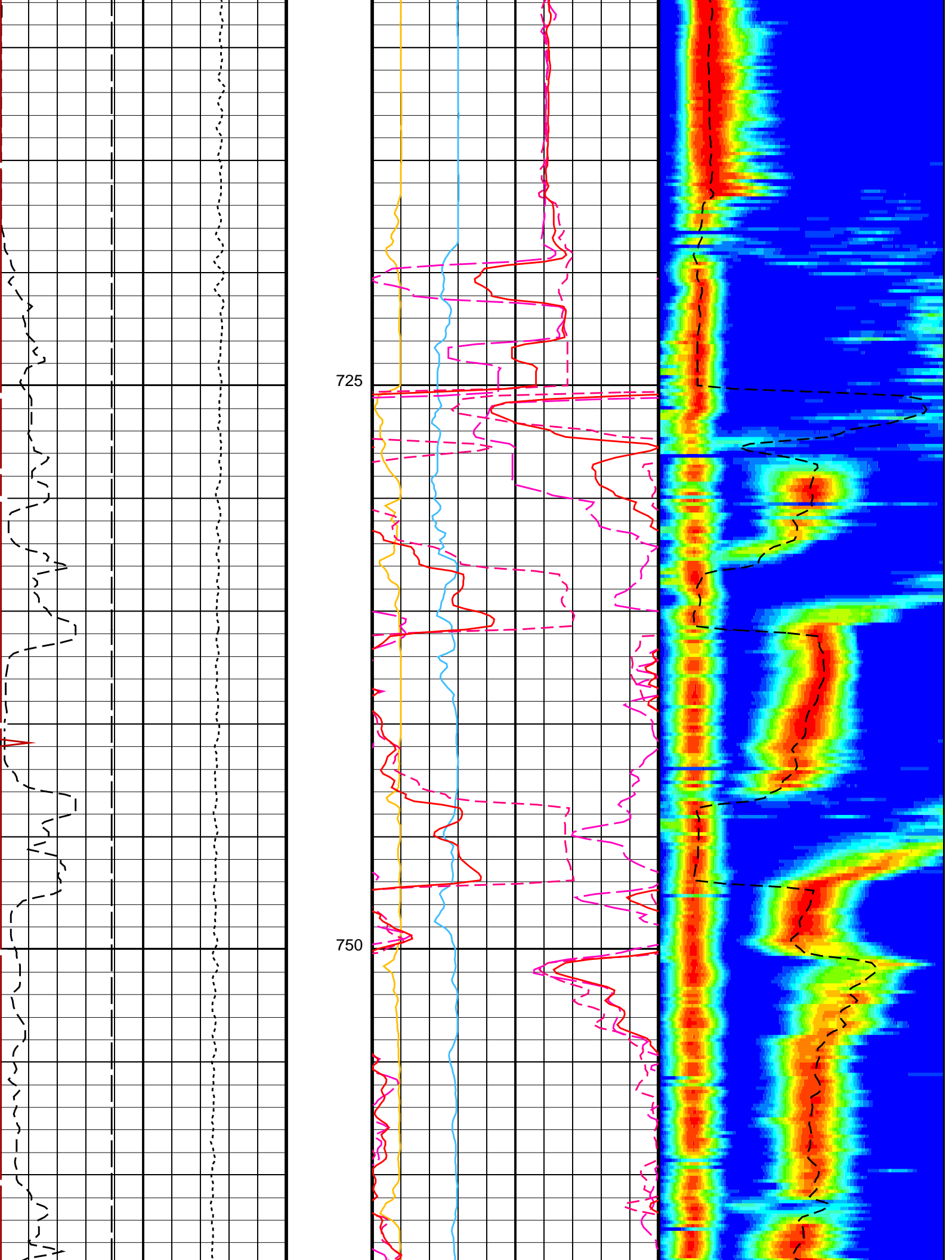


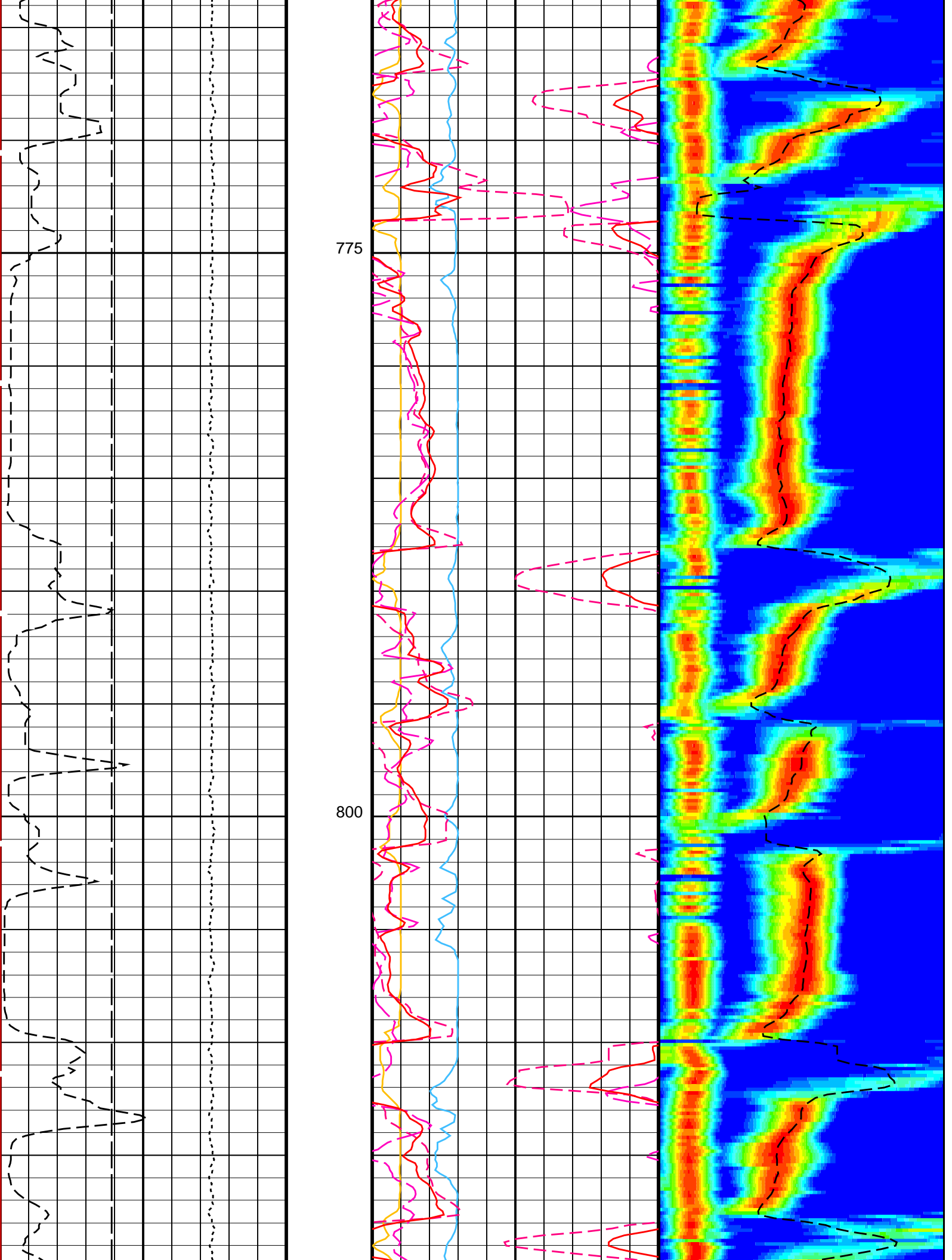


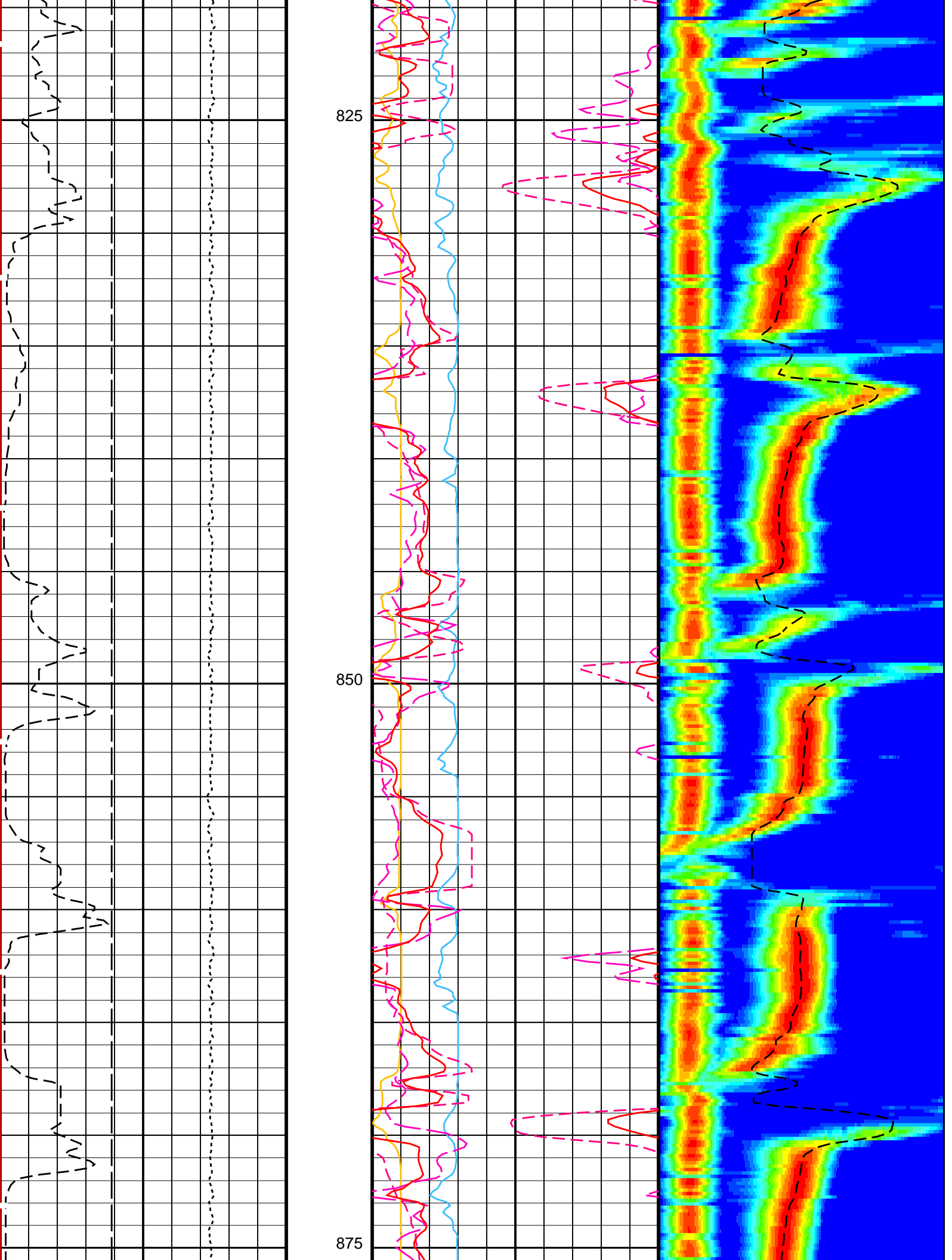
675

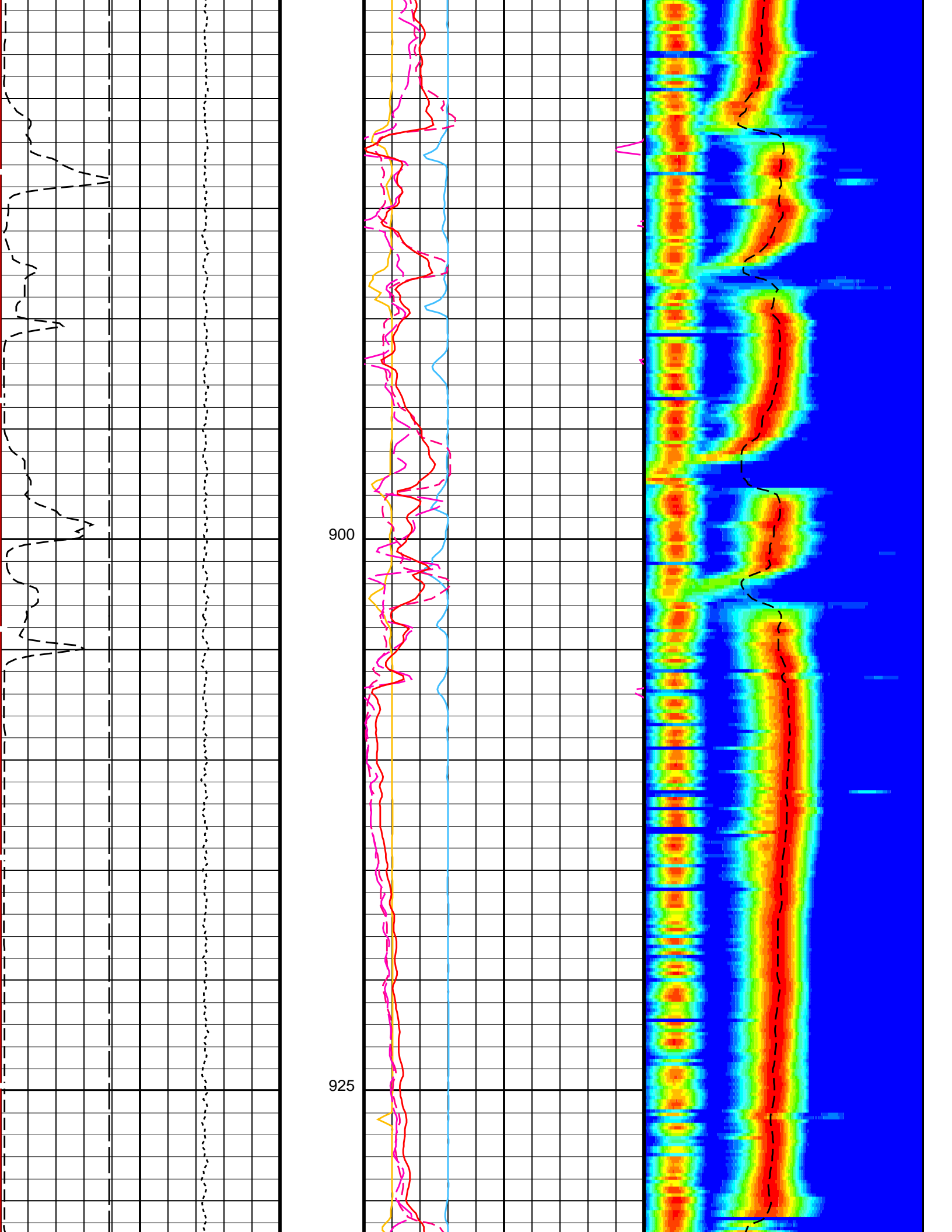
700

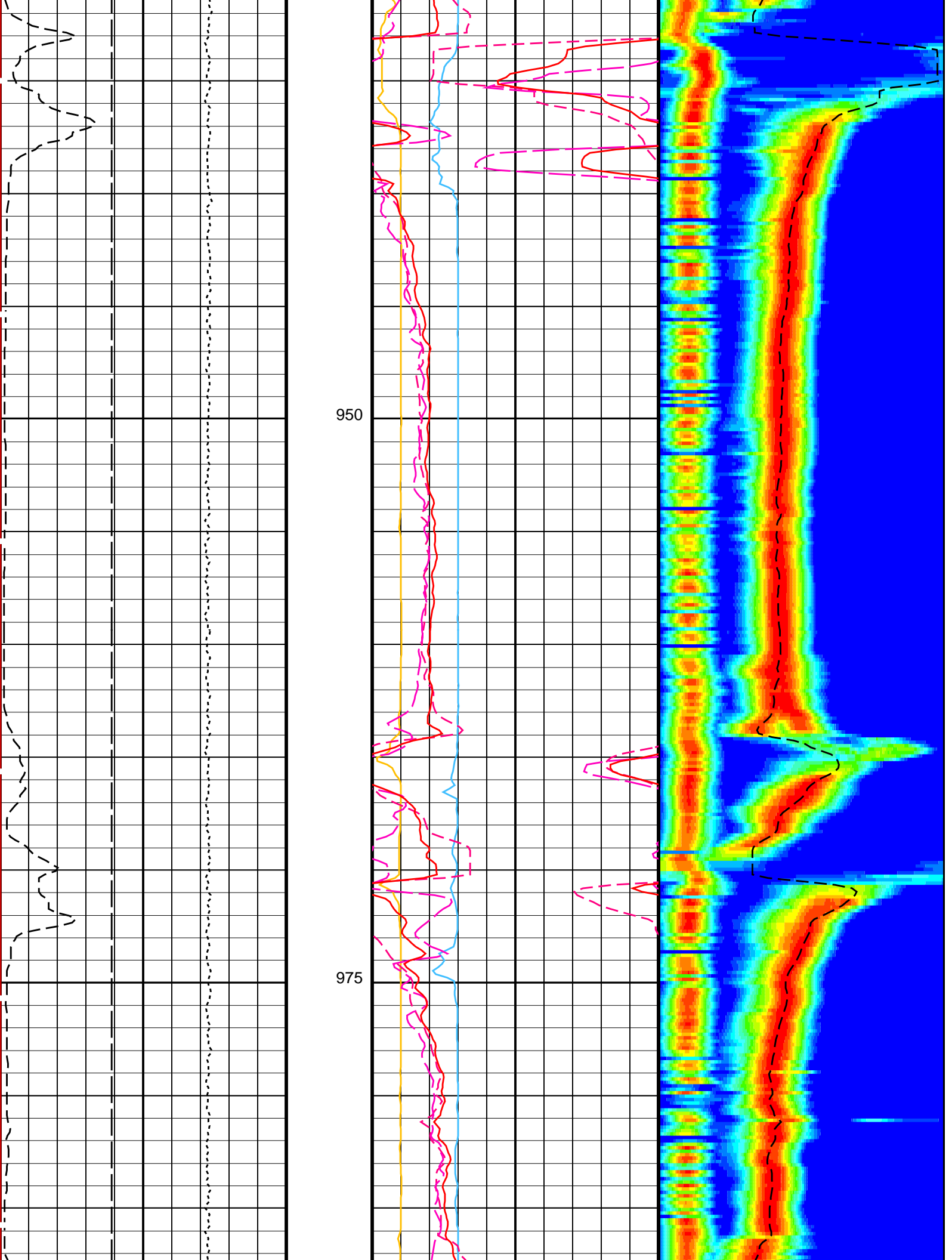


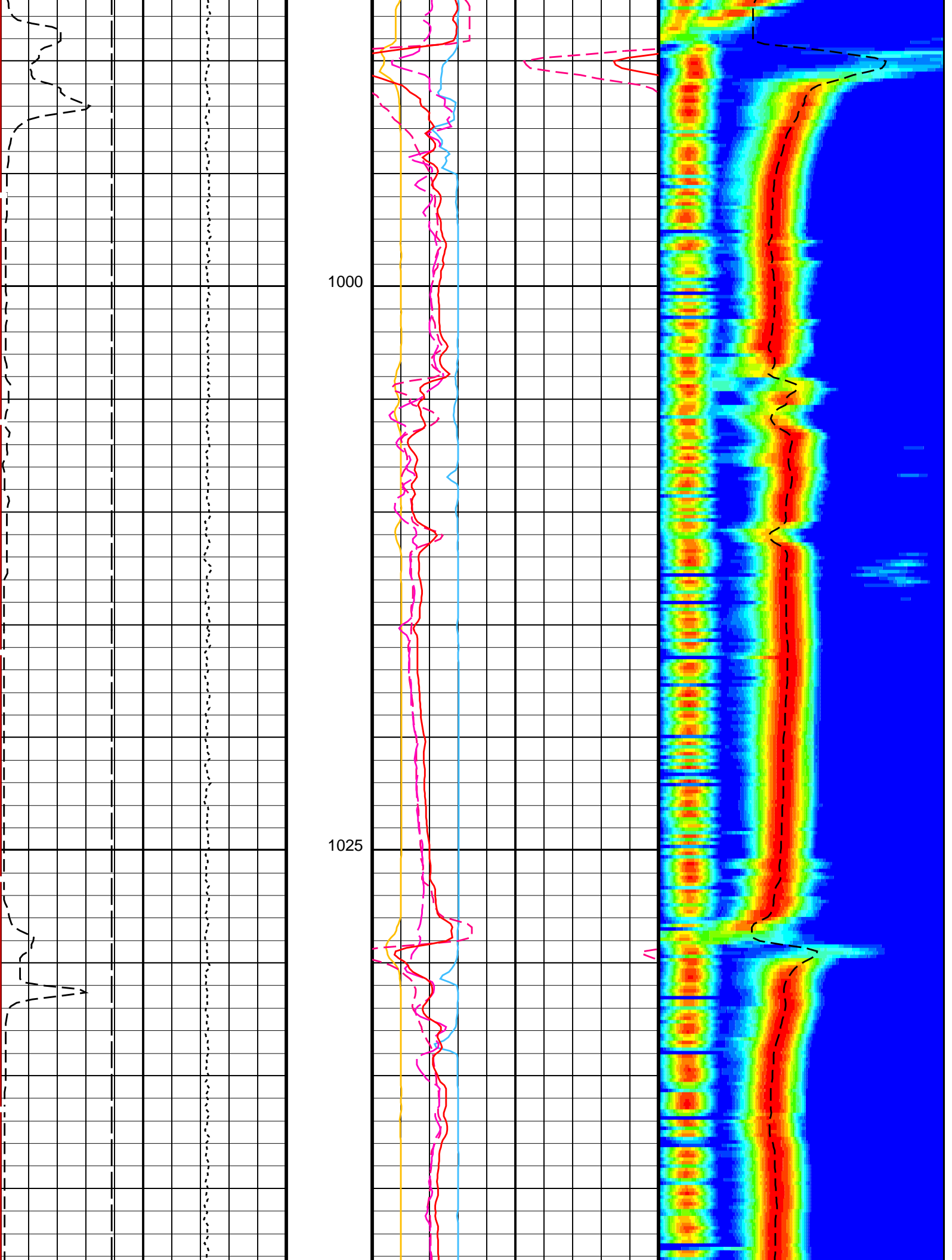


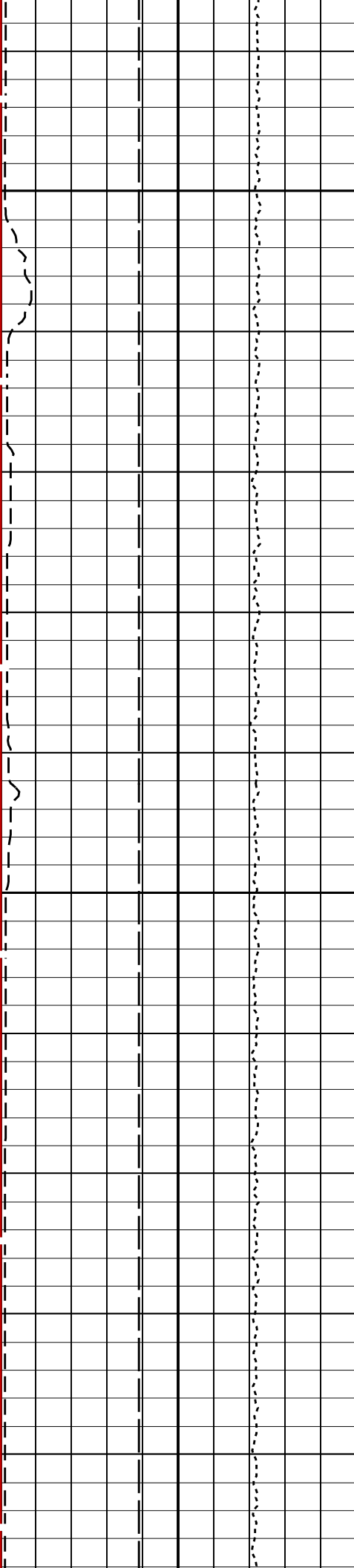






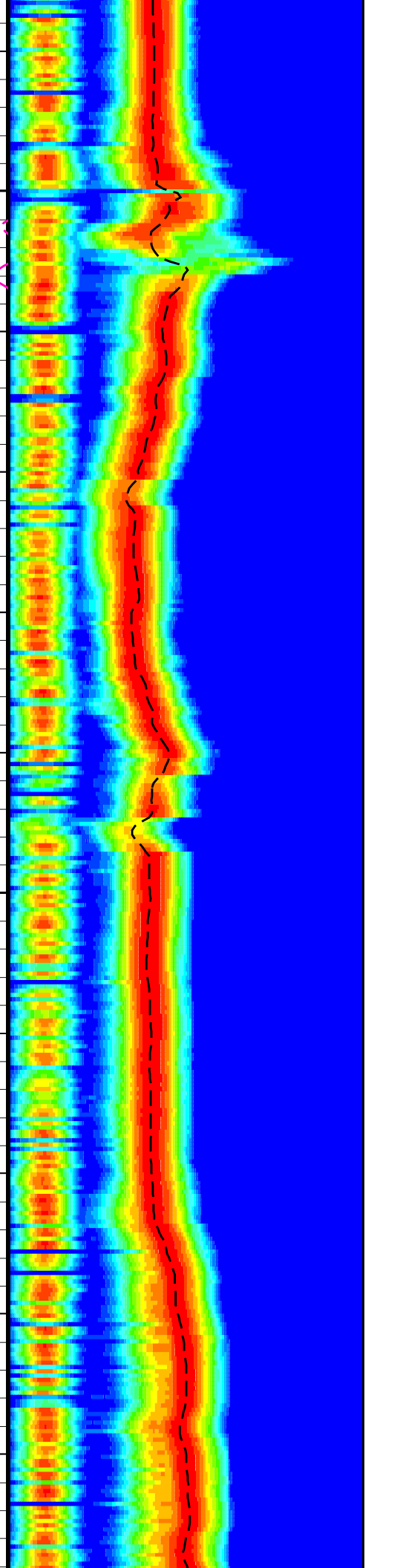
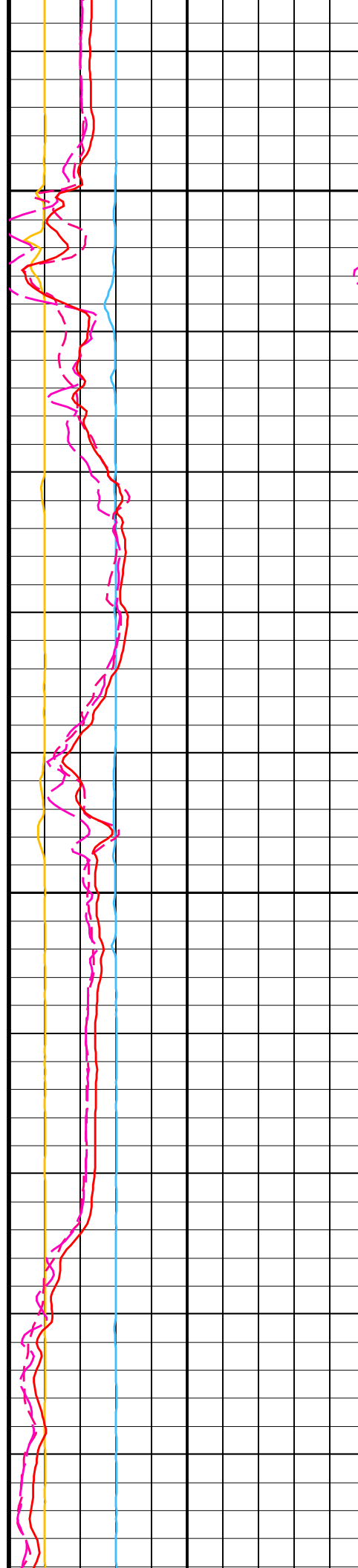


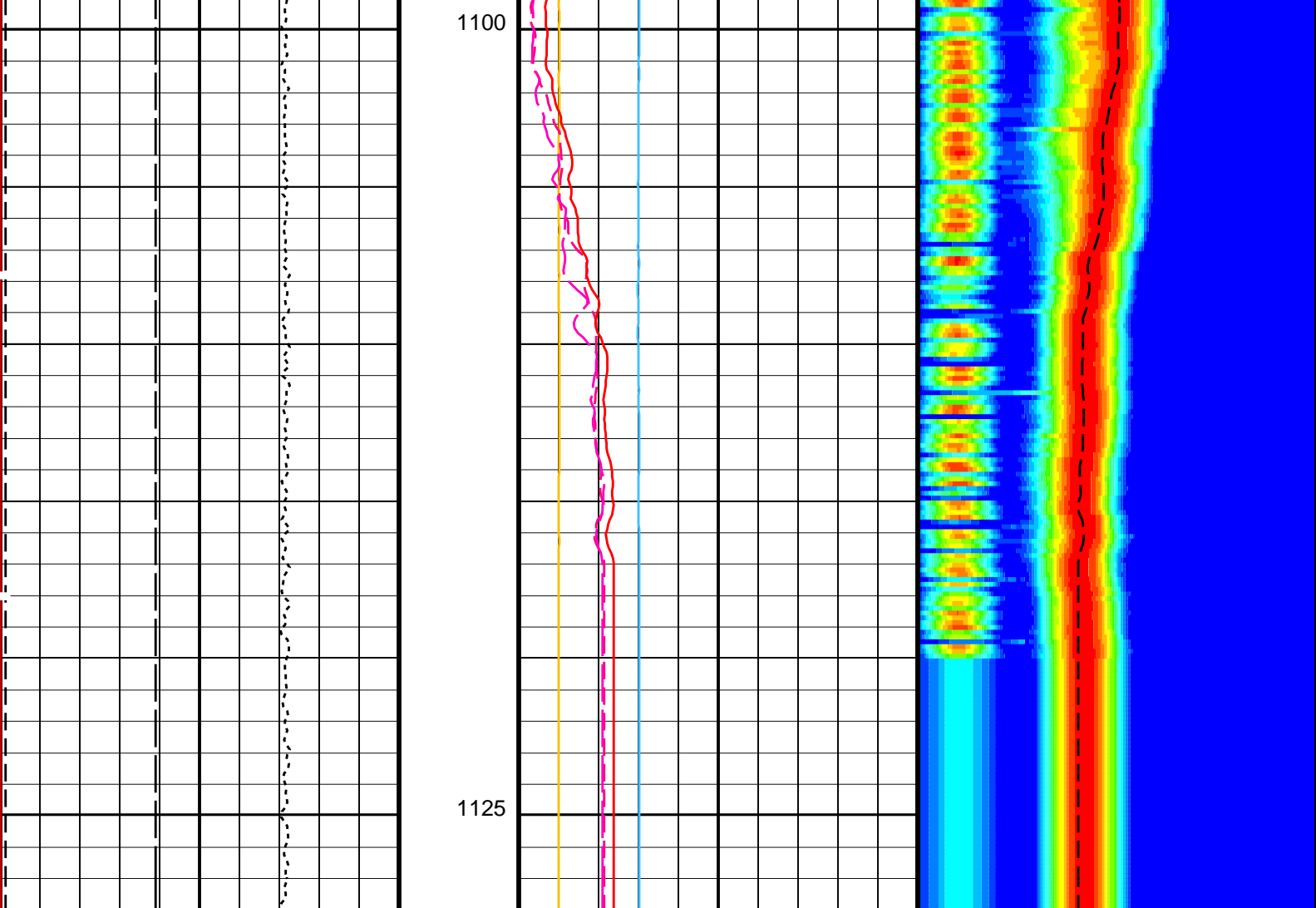




1050

1075





<div>Bit Size (BS) (IN)</div> <div>SAM1 Waveform Gain (WFG1) (-----)</div> <div>Tension (TENS) (LBF)</div> <div>Waveform Data Copy Indicator 1 – Lower Dipole (WC11) (-----)</div>	Peak Coherence / RA – Lower Dipole (CHR1)		Delta-T Shear / RA – Lower Dipole (DT1R)	
	0 (-----) 10		75 (US/F) 775	
	Peak Coherence / TA – Lower Dipole (CHT1)		<div>MinAmplitudeMax</div> <div>Rec.Array L.Dipole Slow Proj. CVDL (SPR1)</div> <div>75 (US/F) 775</div>	
	-2 (-----) 8			
	Delta-T Shear / RA – Lower Dipole (DT1R)			
440 (US/F) 40				
Delta-T Shear / TA – Lower Dipole (DT1T)				
440 (US/F) 40				
Delta-T Shear – Lower Dipole (DT1)				
440 (US/F) 40				

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE1	Digitizing Delay 1	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	300	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	775	US/F
DSI1	Digitizer Sample Interval 1	40	US
DSIX	Digitizer Sample Interval X	40	US

DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta-T Source for DTCO Channel	PS_COMP	
DWC1	Digitizer Word Count 1	512	
DWCX	Digitizer Word Count X	512	
LTXG	Lower Dipole Transmitter Geometry	156	IN
NWI1	Number Waveform Items 1	8	
NWIX	Number Waveform Items X	0	
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	EVEN	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS1	STC Sonic Array Status – Lower Dipole	255	
SBO1	STC Search Band Offset – Lower Dipole	3000	US
SBW1	STC Search Bandwidth – Lower Dipole	8000	US
SFC1	STC Formation Character – Lower Dipole	SELECTABLE	
SFM1	STC Filter – Lower Dipole	B1–3K	
SLL1	STC Slowness Lower Limit – Lower Dipole	75	US/F
SST1	STC Slowness Step – Lower Dipole	4	US/F
SSW1	STC Source Waveform – Lower Dipole	WF_SAM1	
SUL1	STC Slowness Upper Limit – Lower Dipole	775	US/F
SWD1	STC Slowness Width – Lower Dipole	40	US/F
TBF1	STC Time for Baseline Fill – Lower Dipole	0	US
TLL1	STC Time Lower Limit – Lower Dipole	600	US
TST1	STC Time Step – Lower Dipole	200	US
TUL1	STC Time Upper Limit – Lower Dipole	15912.5	US
TWD1	STC Time Width – Lower Dipole	2000	US
TWI1	STC Integration Time Window – Lower Dipole	1600	US
TWSX	Transmitter Waveform Select X	0	
WFM1	Waveform Mode 1	W1	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 30-Sep-2023 00:55

OP System Version: 19C0–187

MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

Input DLIS Files

DEFAULT	Flip_MSS_LDEO_DSI_006LUP	PRODUCER	29-Sep-2023 23:26	1128.1 M	569.2 M
---------	--------------------------	----------	-------------------	----------	---------

Output DLIS Files

DEFAULT	MSS_LDEO_DSI_HRLA_009PUP	FN:7	PRODUCER	30-Sep-2023 00:55
---------	--------------------------	------	----------	-------------------

Company: International Ocean Discovery Program Well: Expedition 400, Site U1608A

Input DLIS Files

DEFAULT	Flip_MSS_LDEO_DSI_006LUP	PRODUCER	29-Sep-2023 23:26	1128.1 M	569.2 M
---------	--------------------------	----------	-------------------	----------	---------

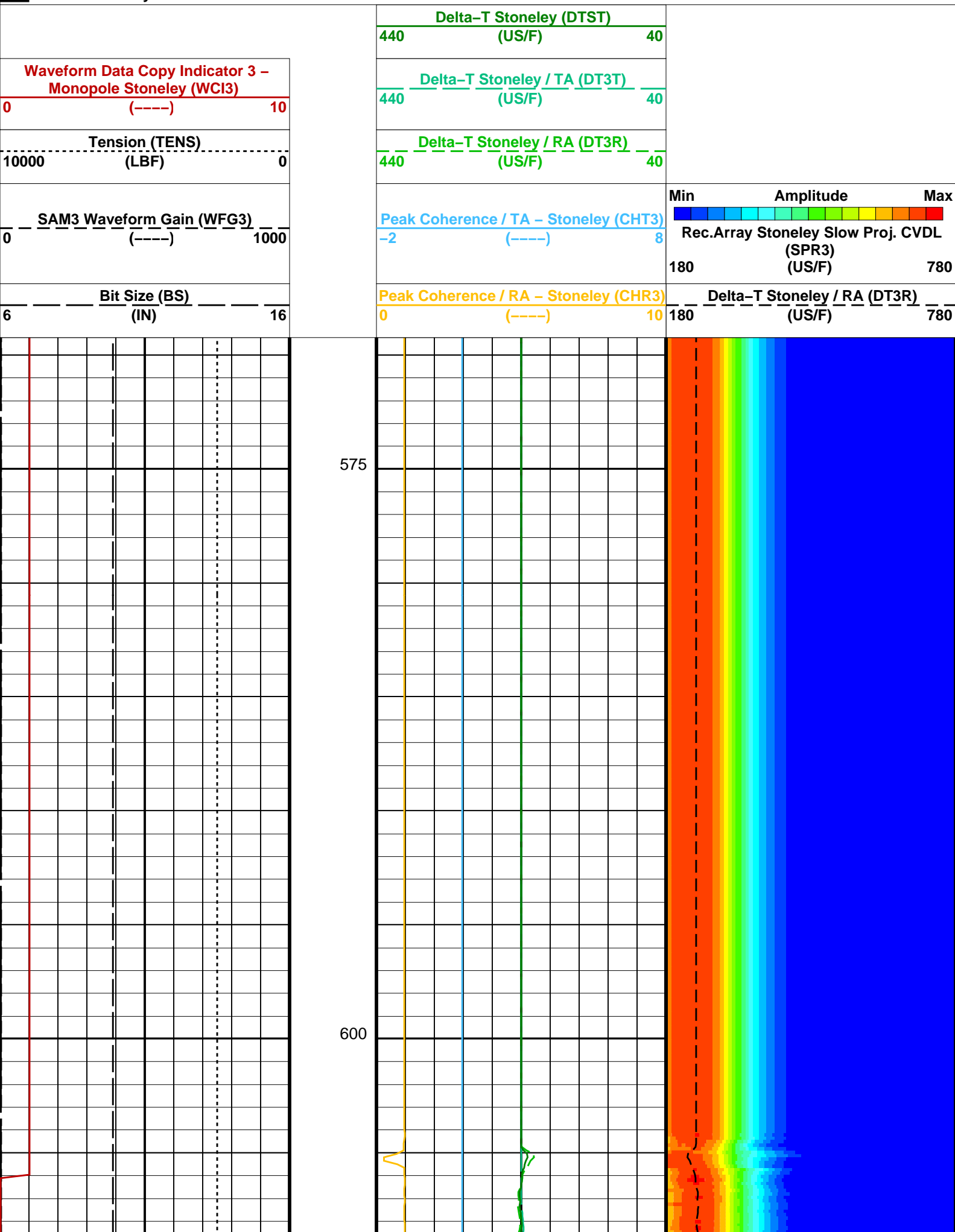
Output DLIS Files

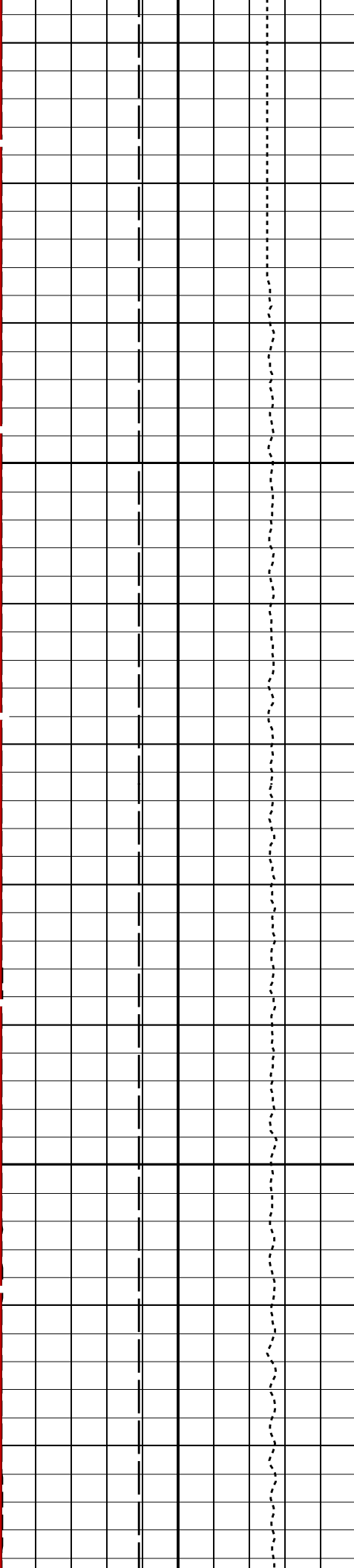
DEFAULT	MSS_LDEO_DSI_HRLA_009PUP	FN:7	PRODUCER	30-Sep-2023 00:55	1128.1 M	569.2 M
---------	--------------------------	------	----------	-------------------	----------	---------

OP System Version: 19C0–187

MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

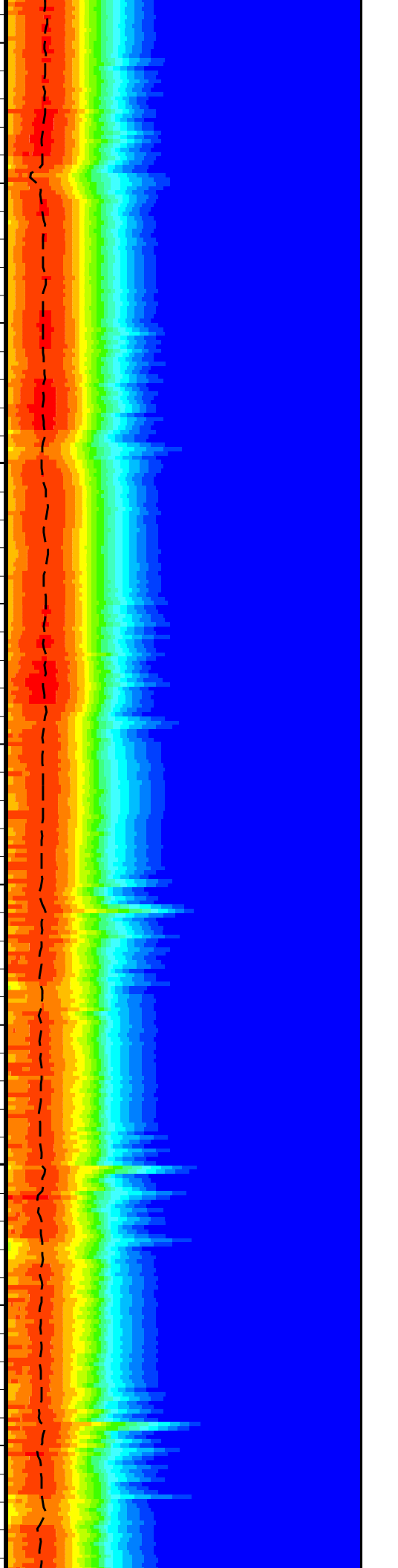
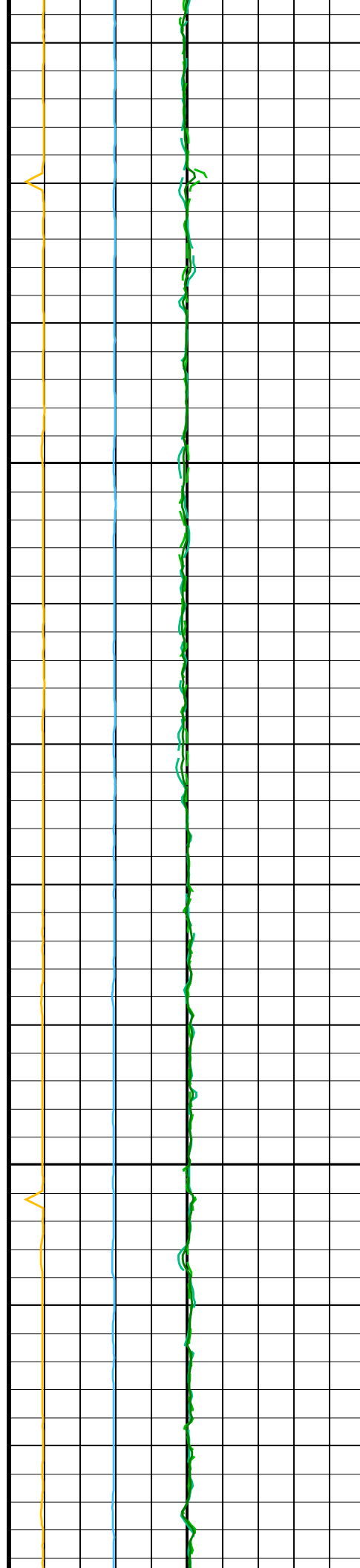
Time Mark Every 60 S

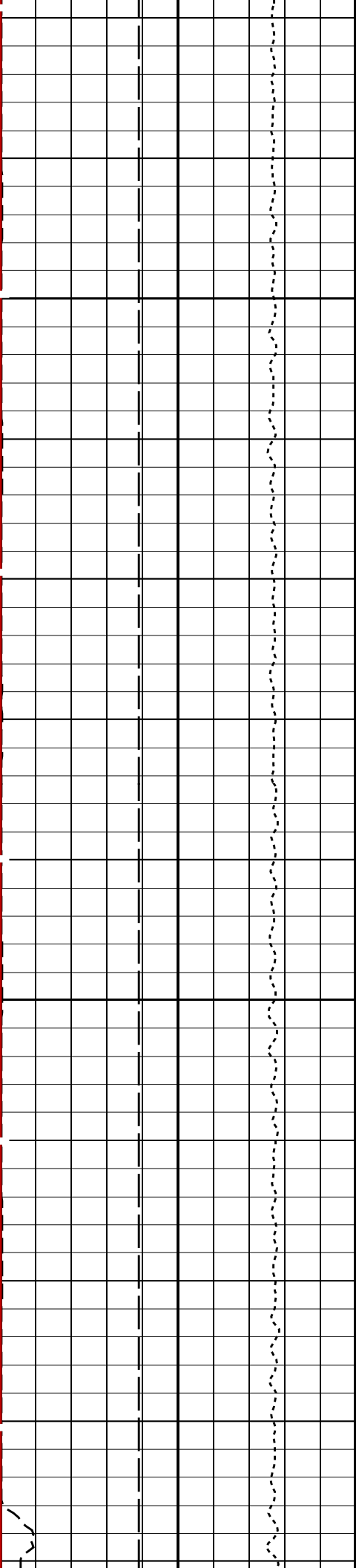




625

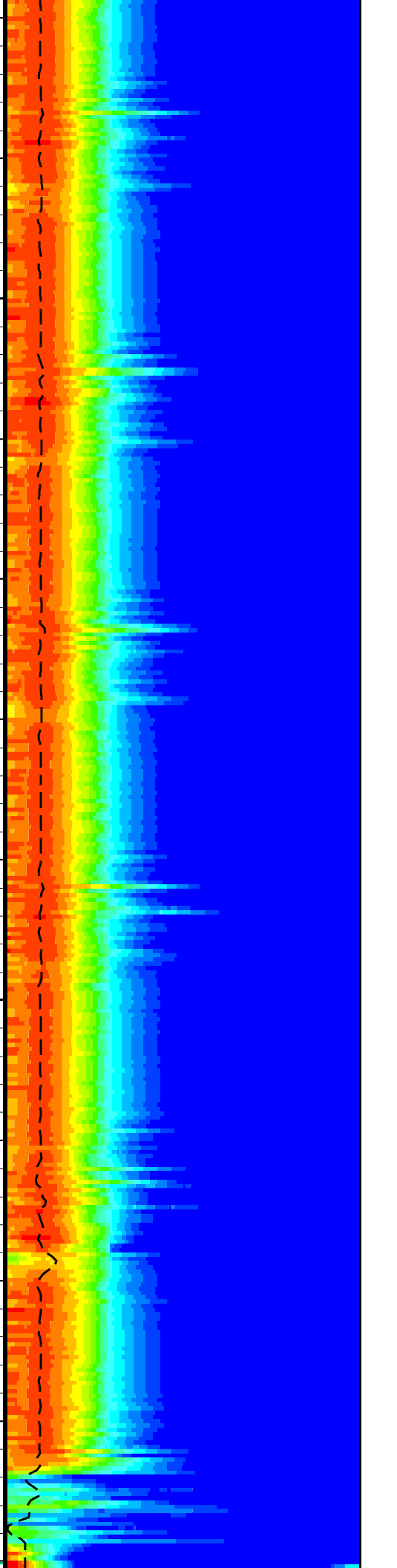
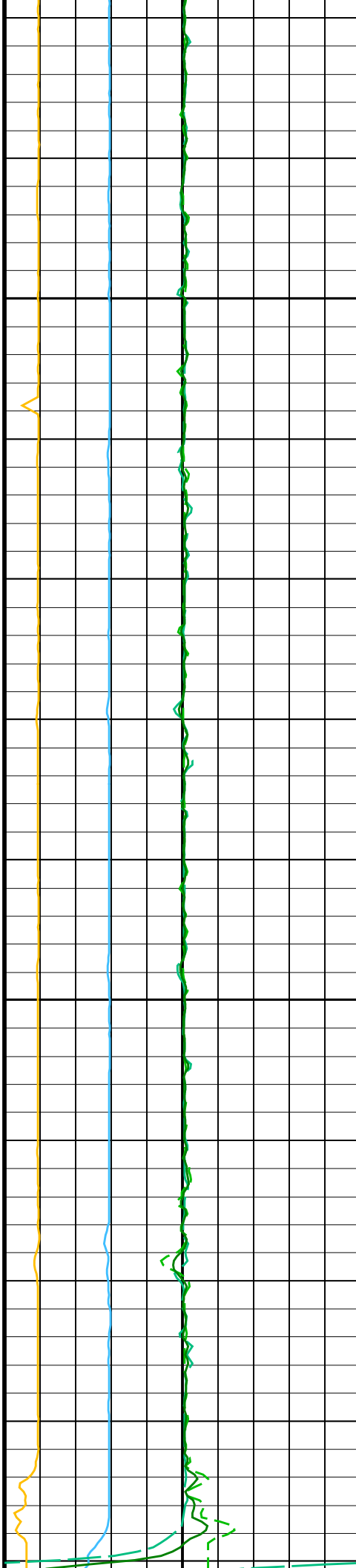
650

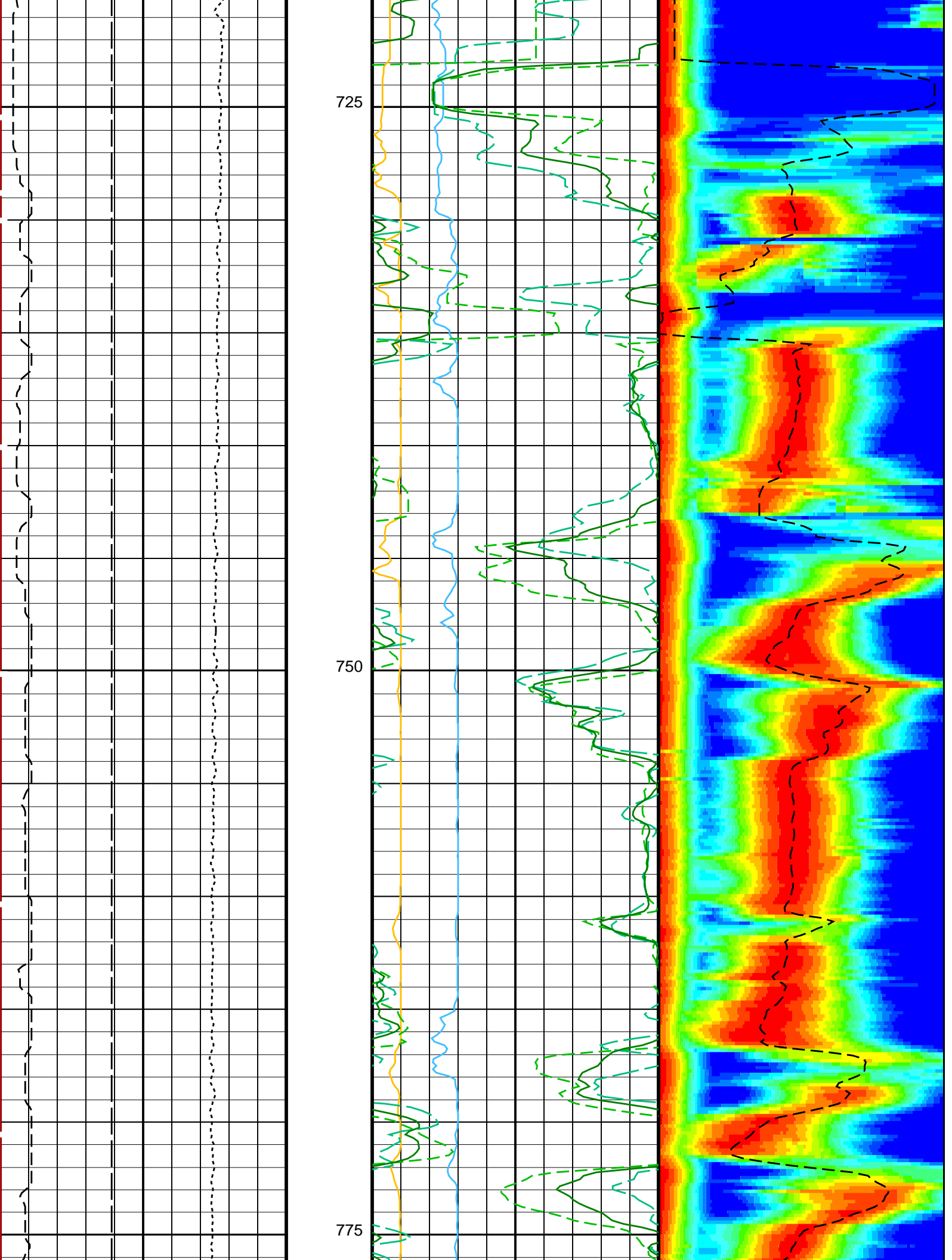


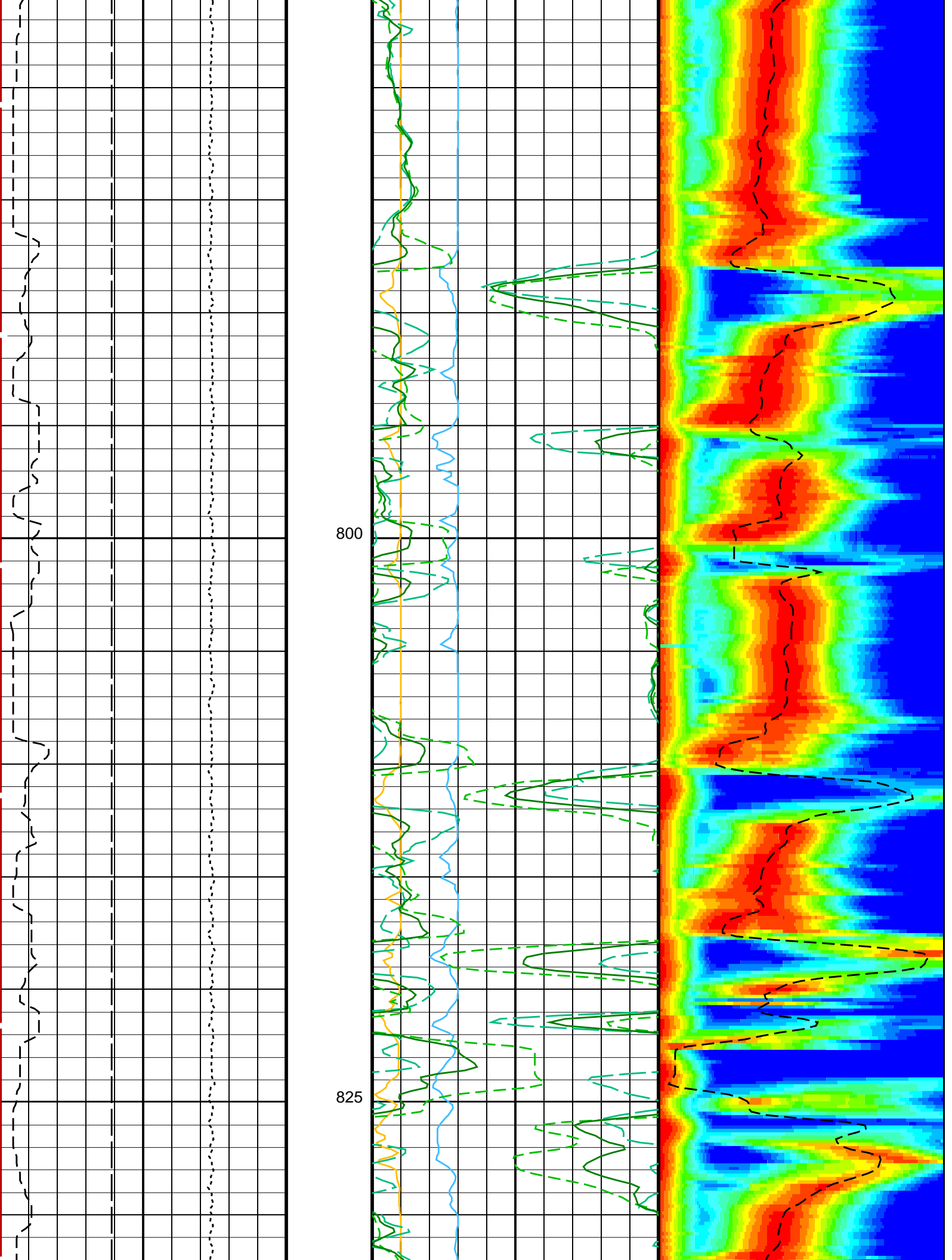


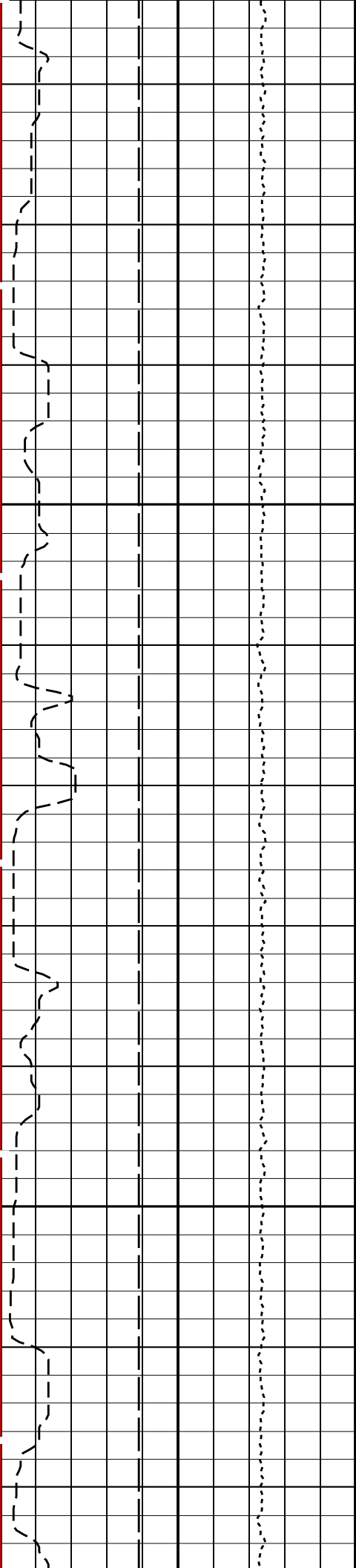
675

700



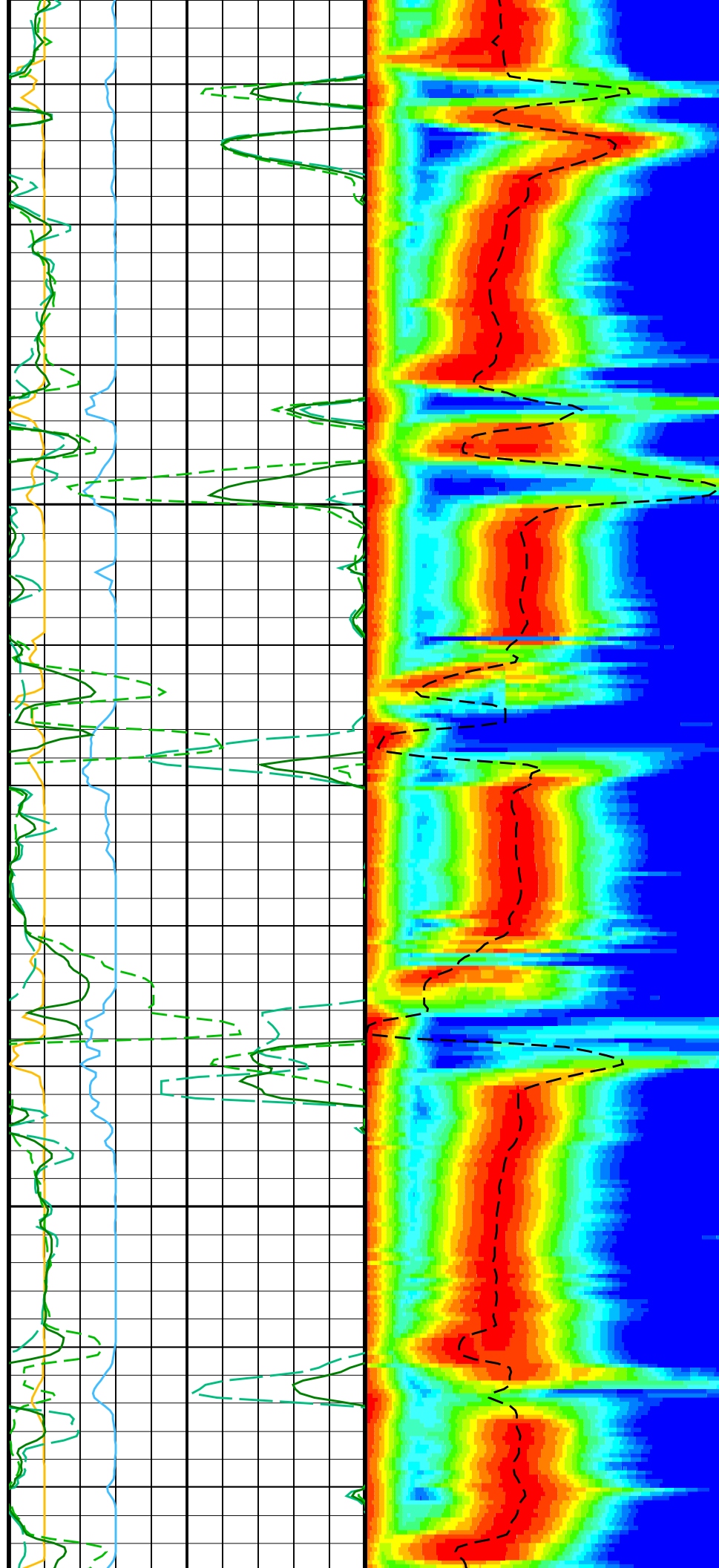


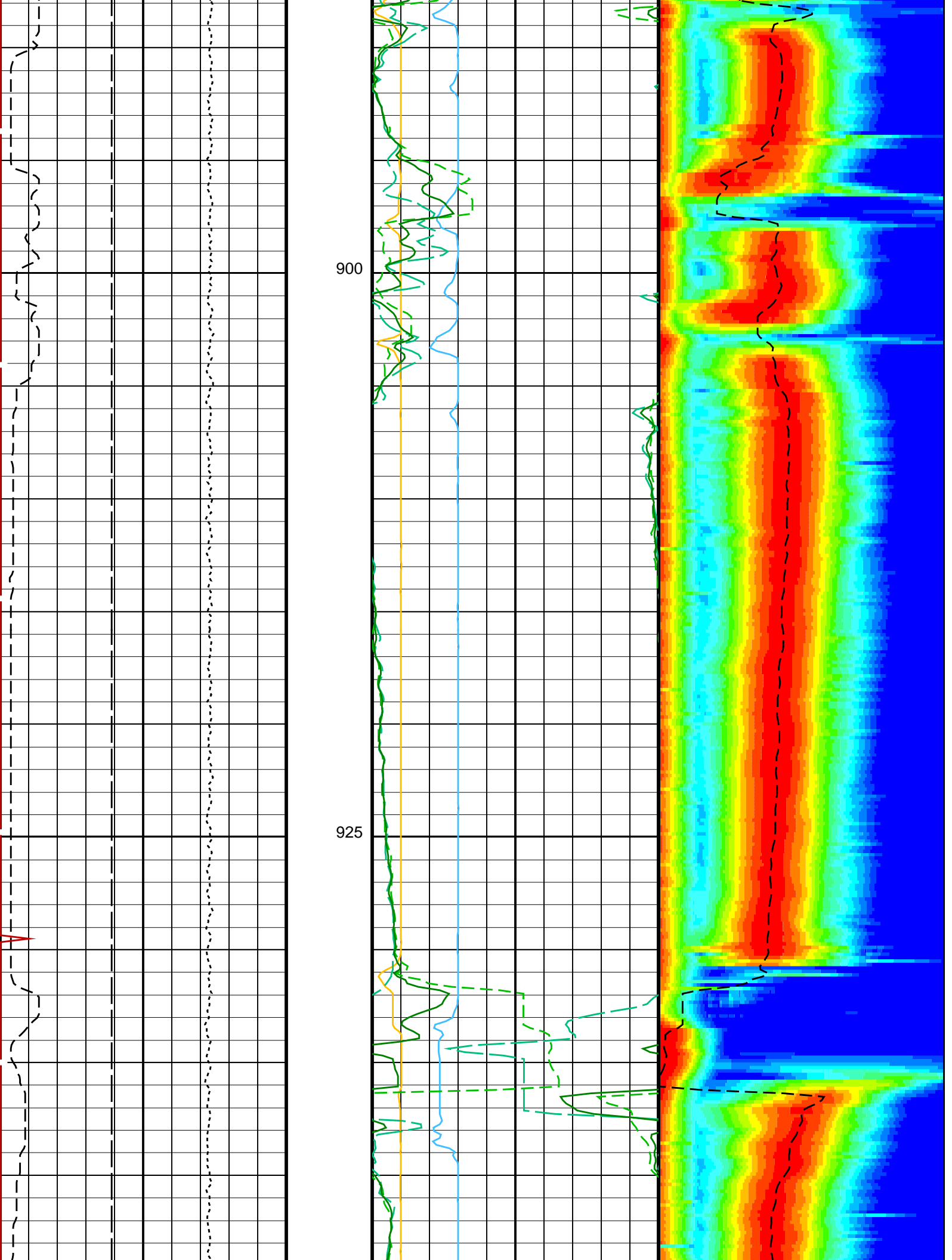


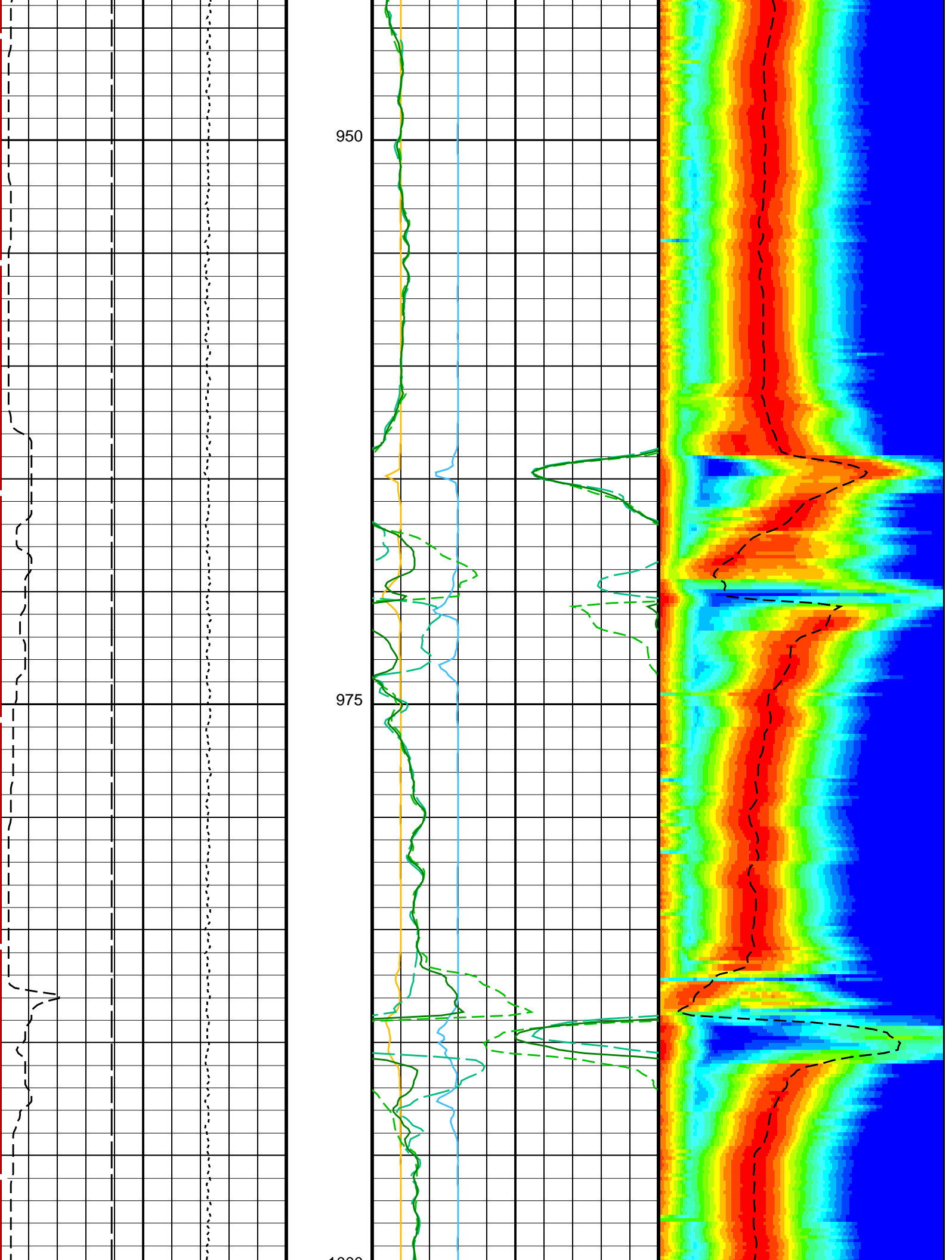


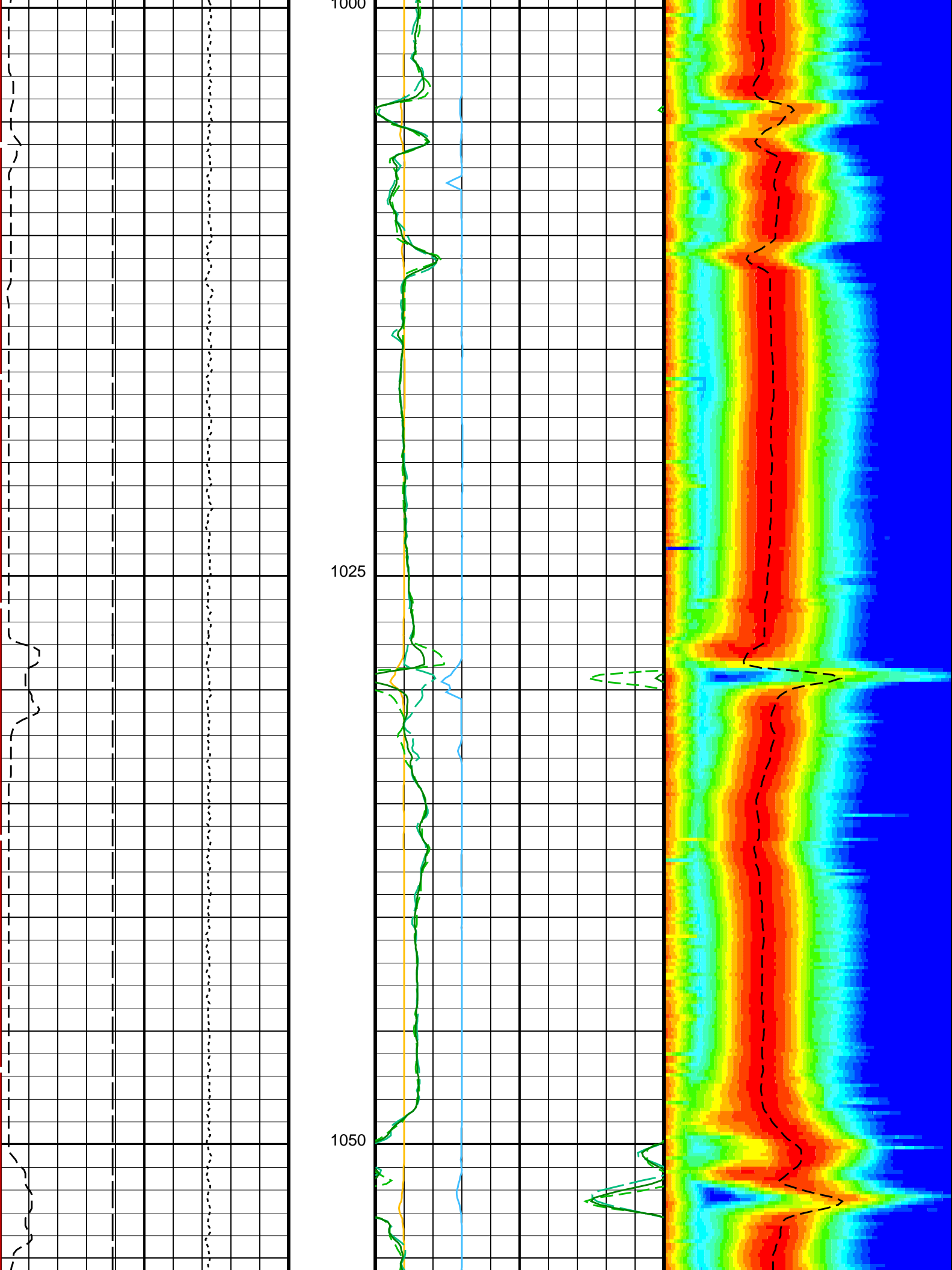
850

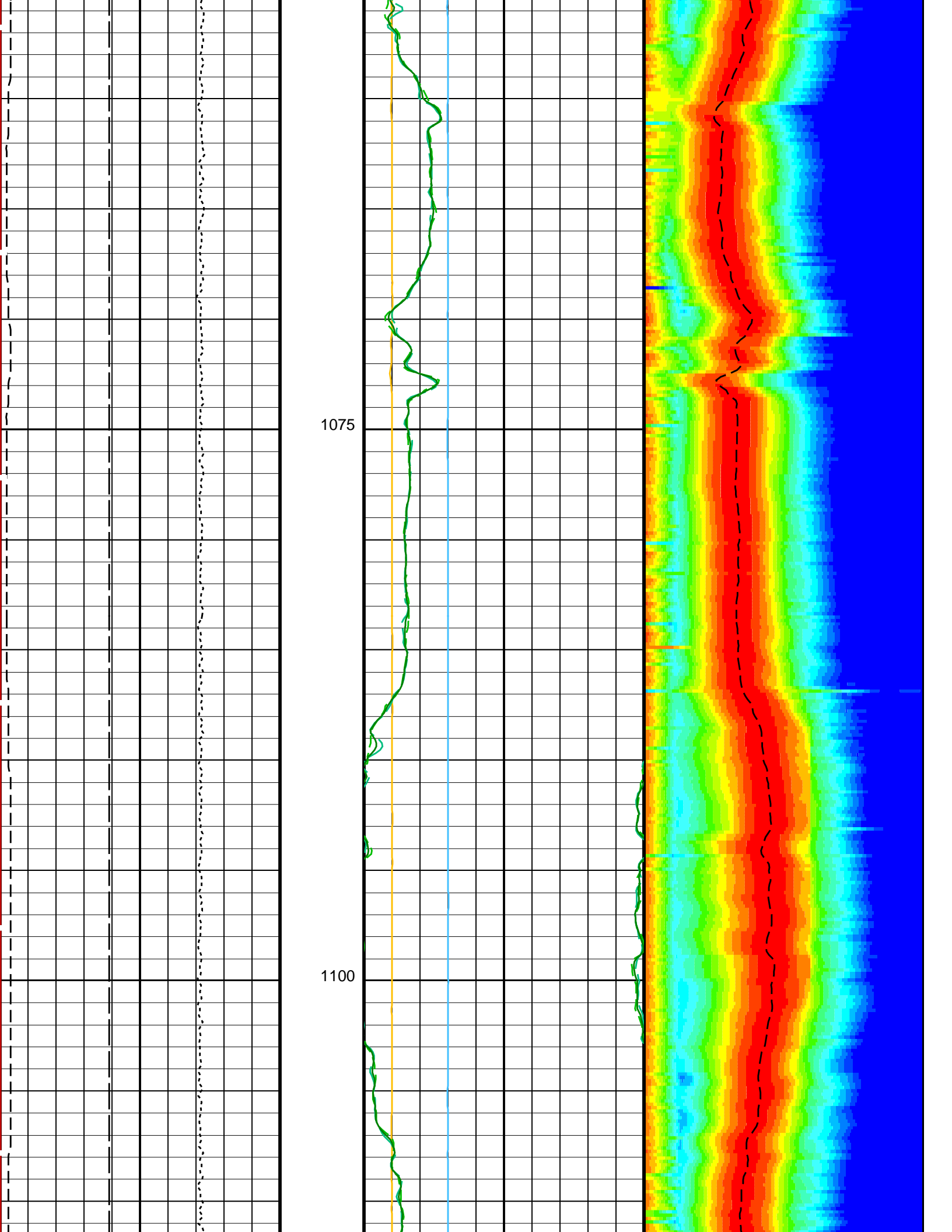
875

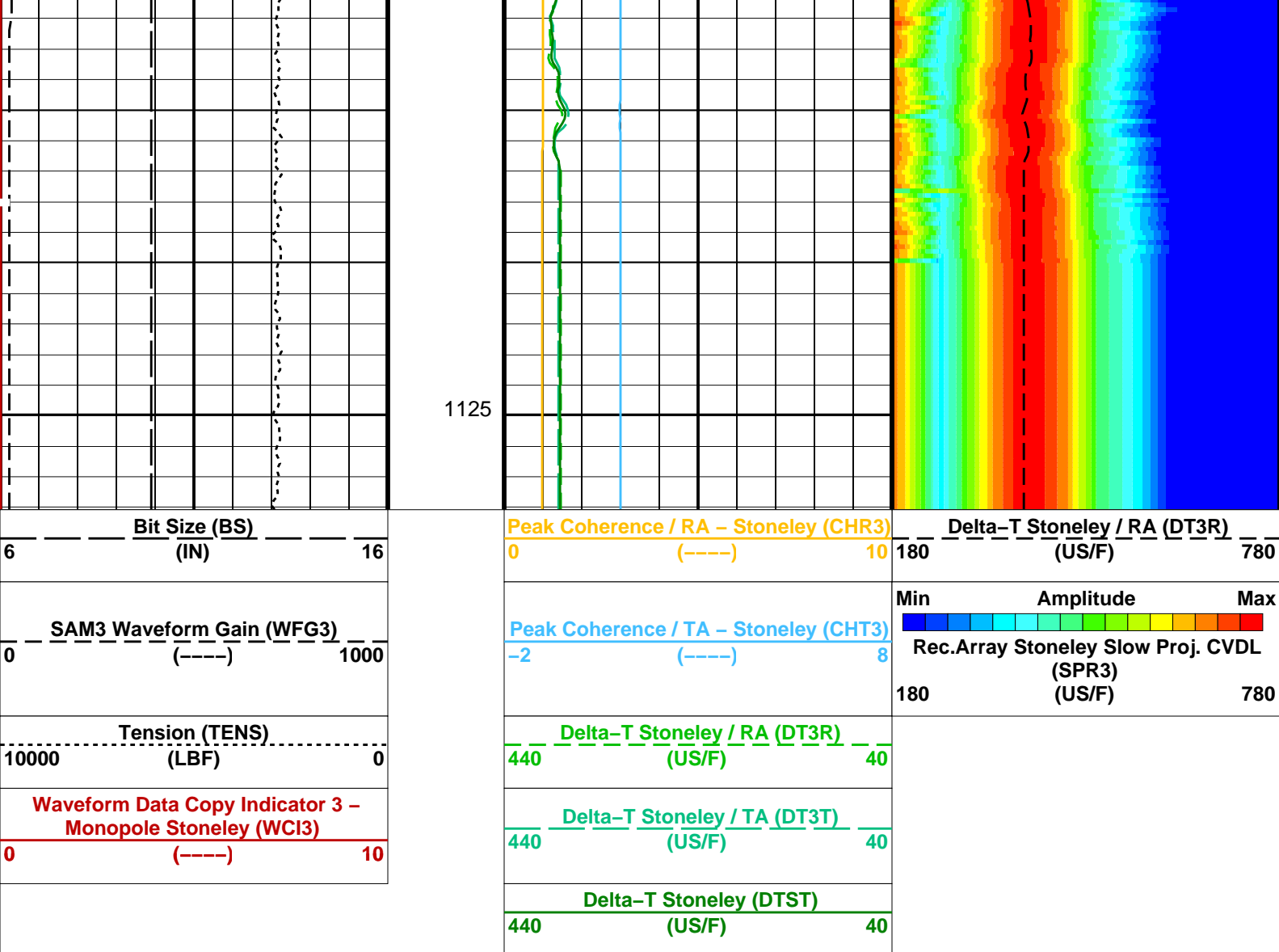










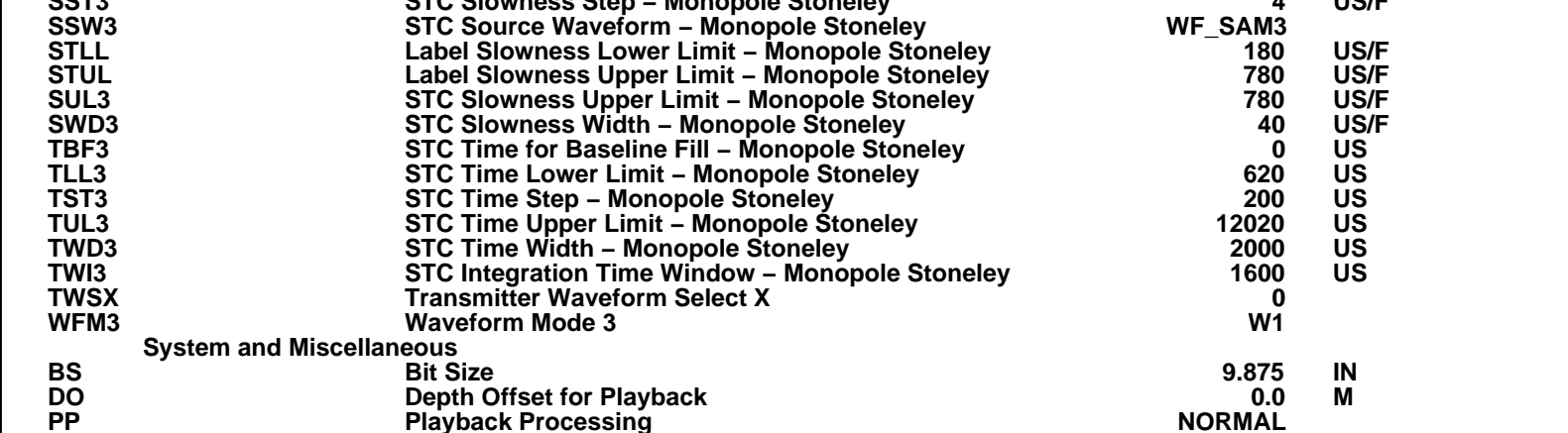


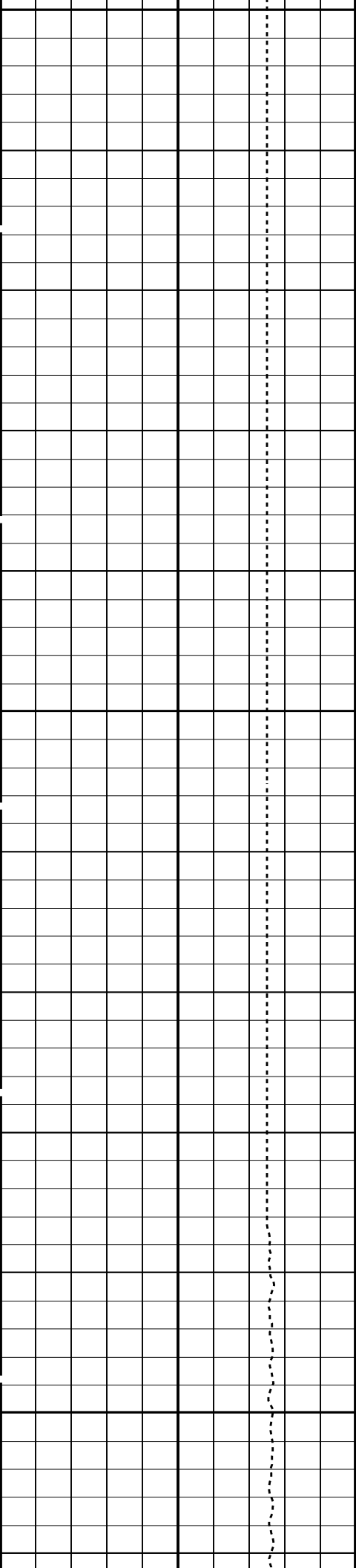
PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE3	Digitizing Delay 3	0	US
DDEX	Digitizing Delay X	0	US
DSI3	Digitizer Sample Interval 3	40	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta–T Source for DTCO Channel	PS_COMP	
DWC3	Digitizer Word Count 3	512	
DWCX	Digitizer Word Count X	512	
MTXG	Monopole Transmitter Geometry	186	IN
NWI3	Number Waveform Items 3	8	
NWIX	Number Waveform Items X	0	
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
SAM3	DSST Sonic Acquisition Mode 3 – Monopole Mode for Stoneley	EVEN	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS3	STC Sonic Array Status – Monopole Stoneley	255	
SBO3	STC Search Band Offset – Monopole Stoneley	2000	US
SBW3	STC Search Bandwidth – Monopole Stoneley	6000	US
SFC3	STC Formation Character – Monopole Stoneley	SELECTABLE	
SFM3	STC Filter – Monopole Stoneley	B.5–1.5K	
SLL3	STC Slowness Lower Limit – Monopole Stoneley	180	US
SST3	STC Slowness Stop – Monopole Stoneley	4	US

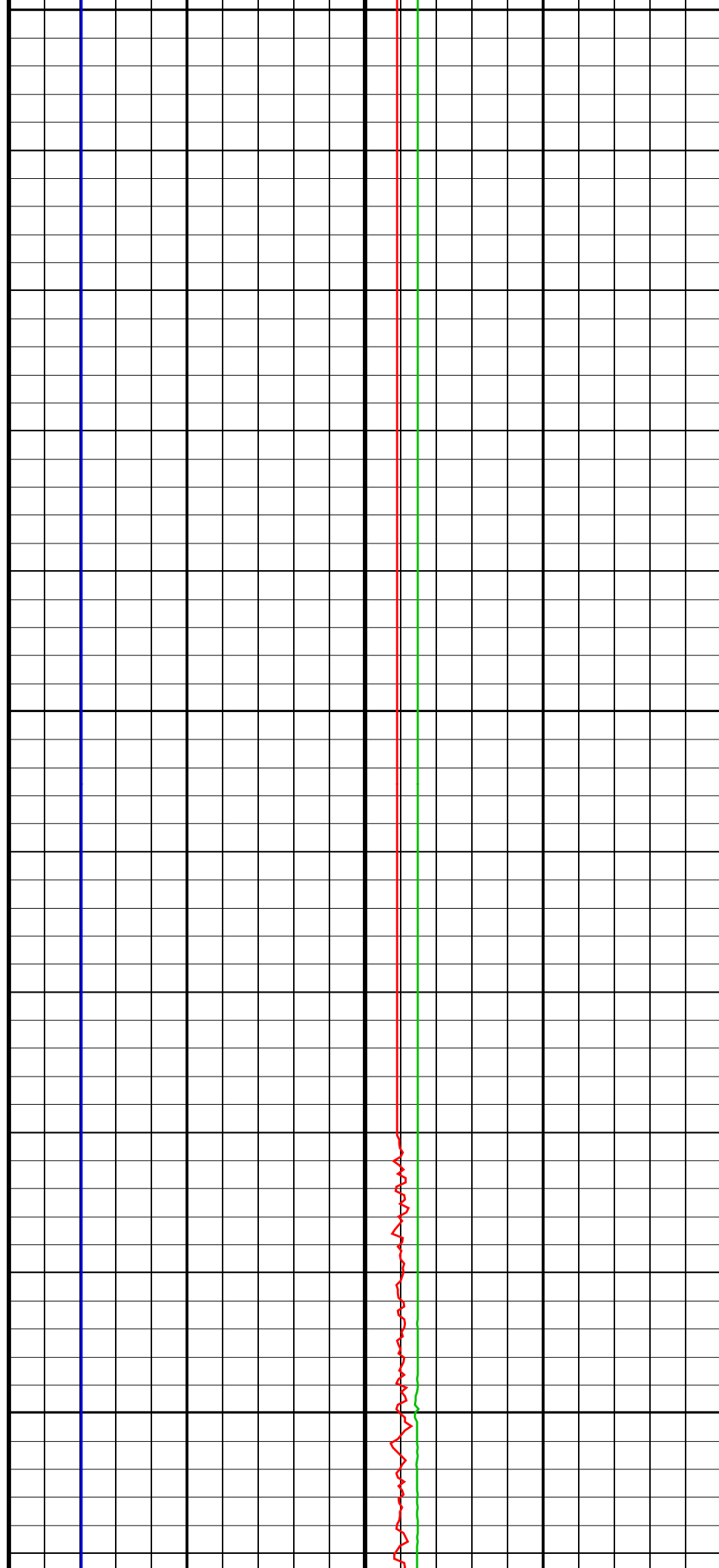


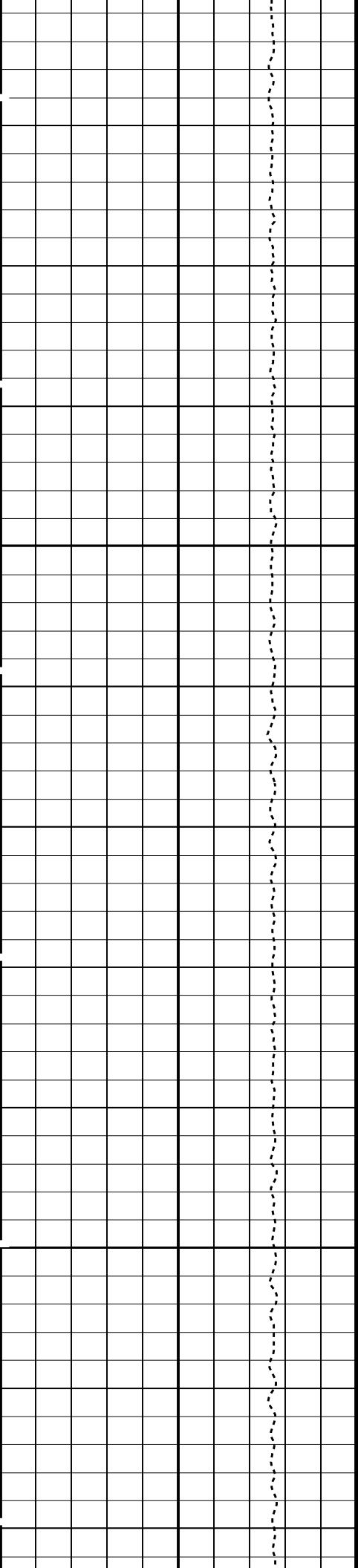


575

600

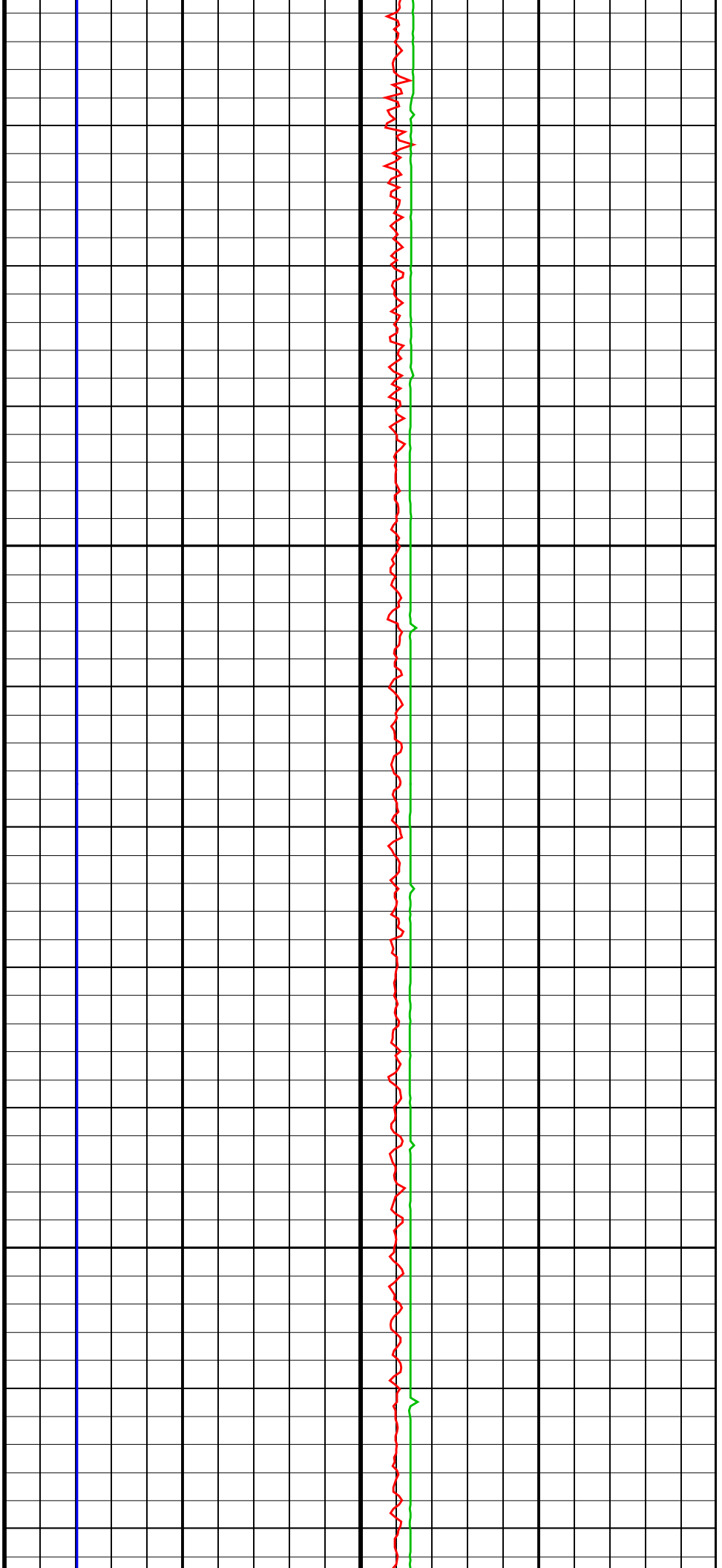
625

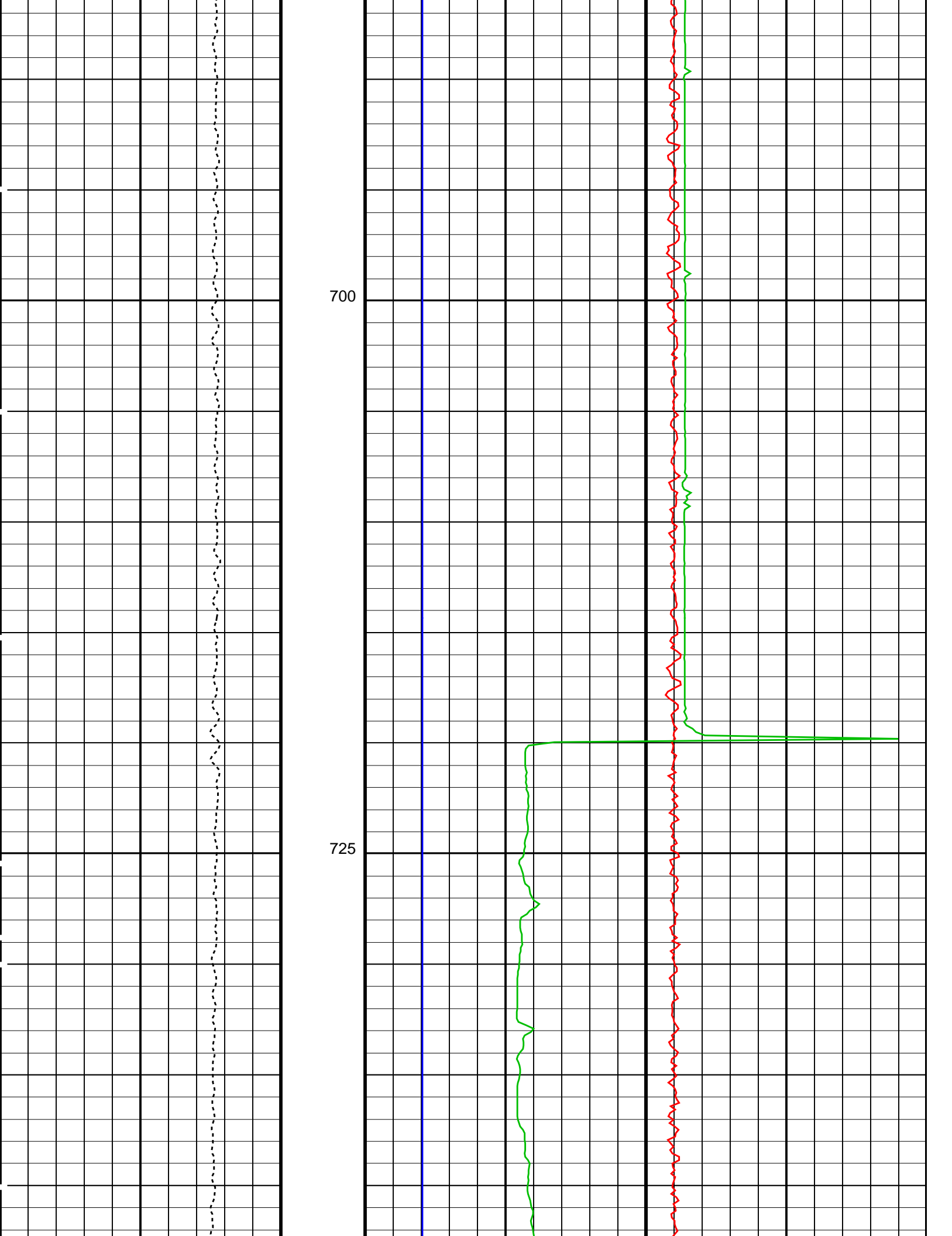


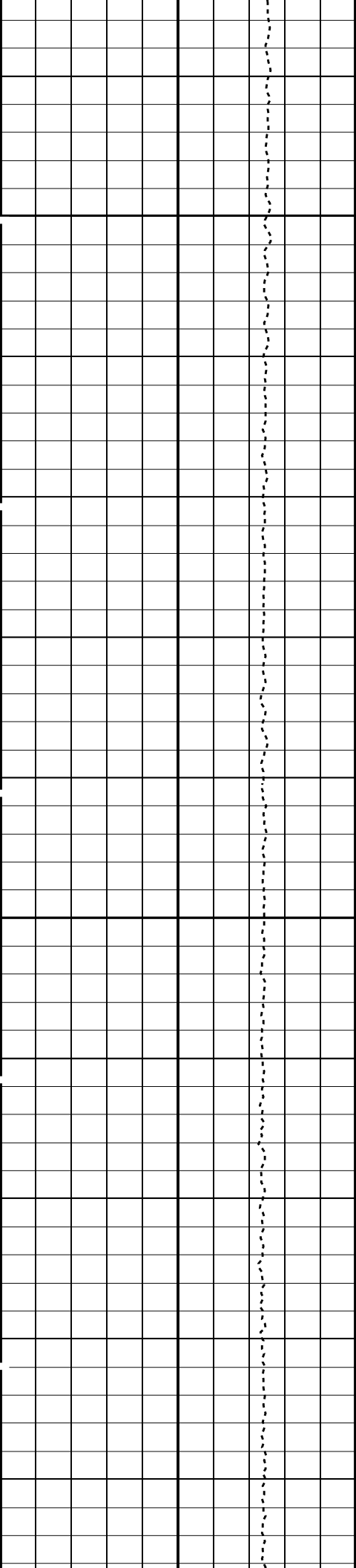


650

675

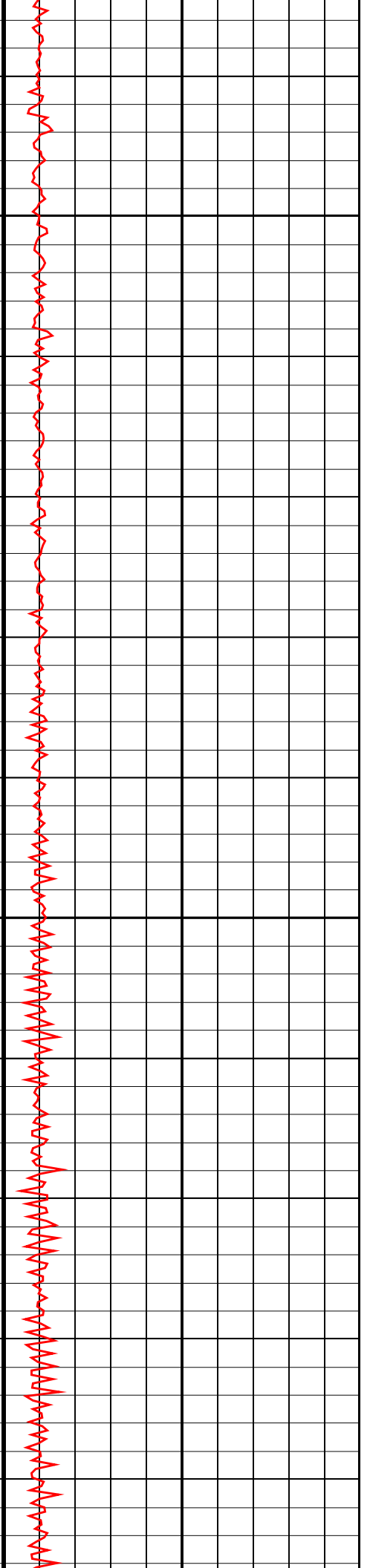
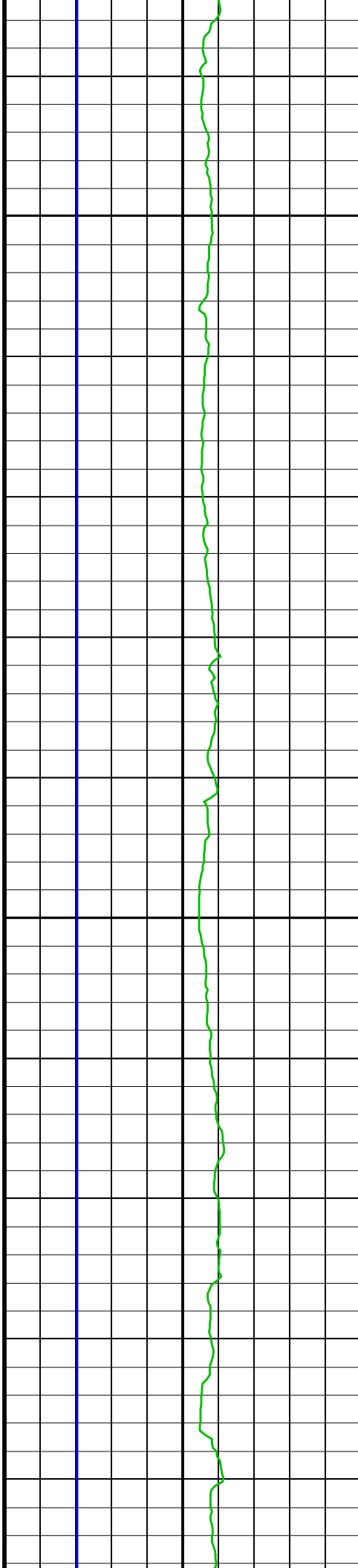


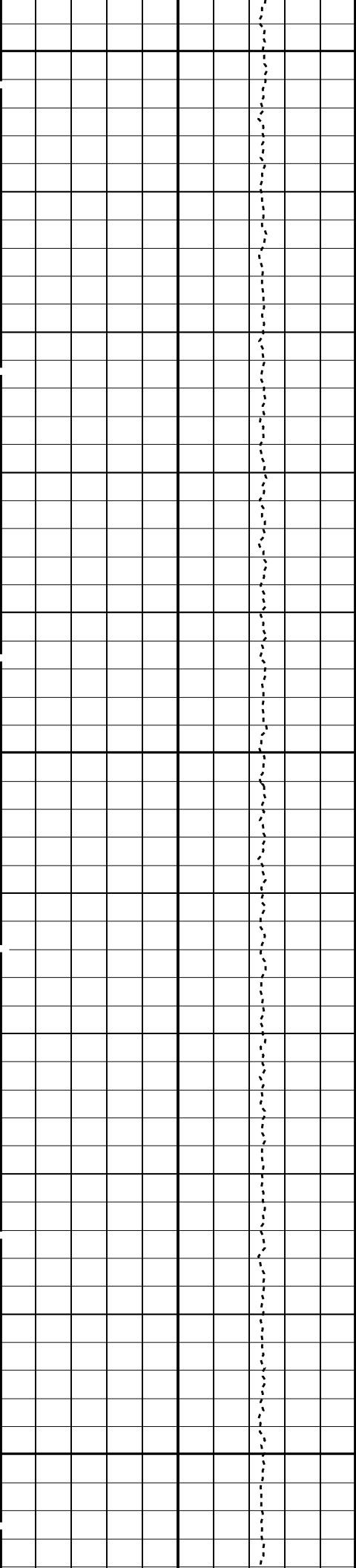




750

775

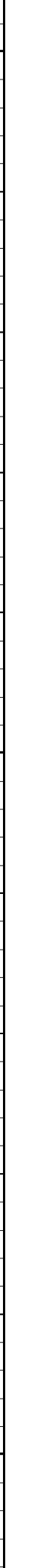
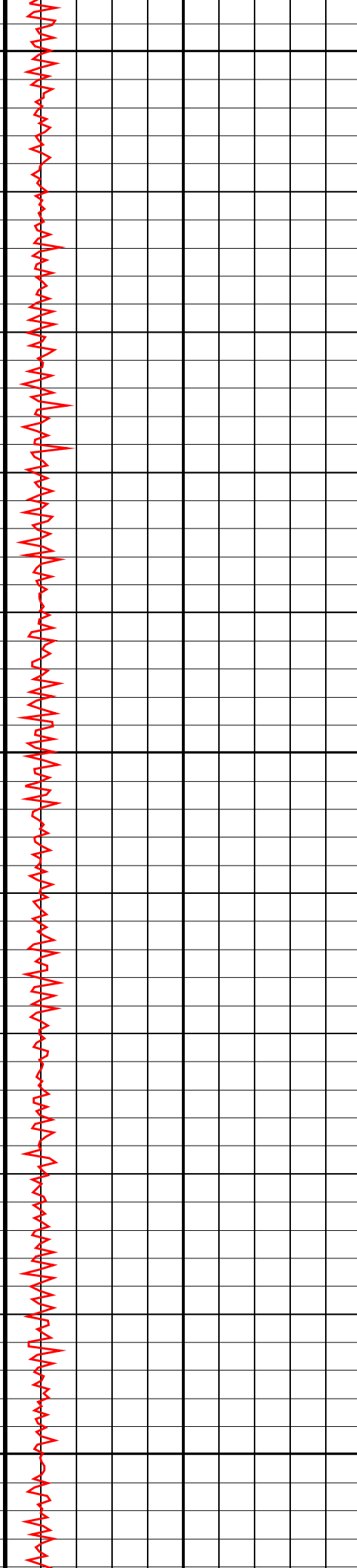
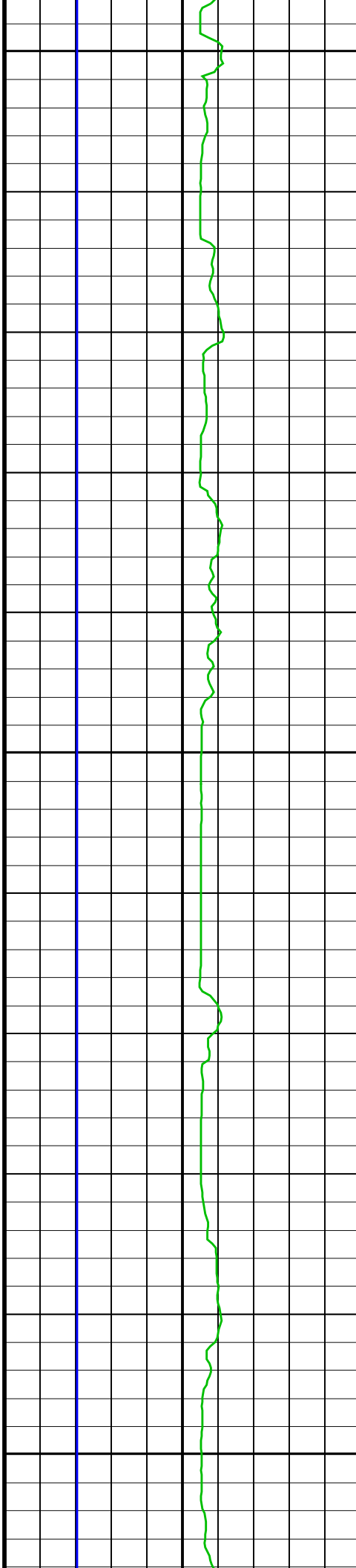


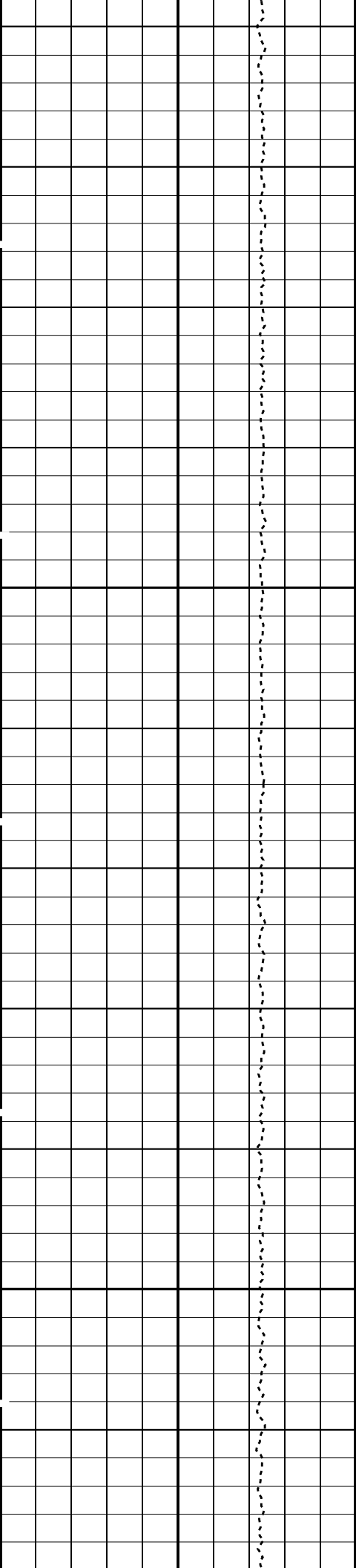


800

825

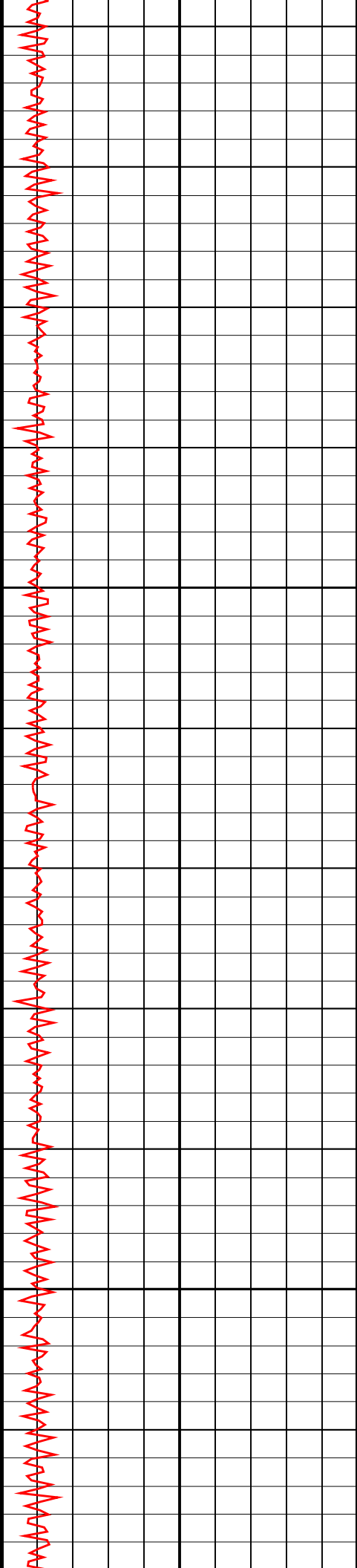
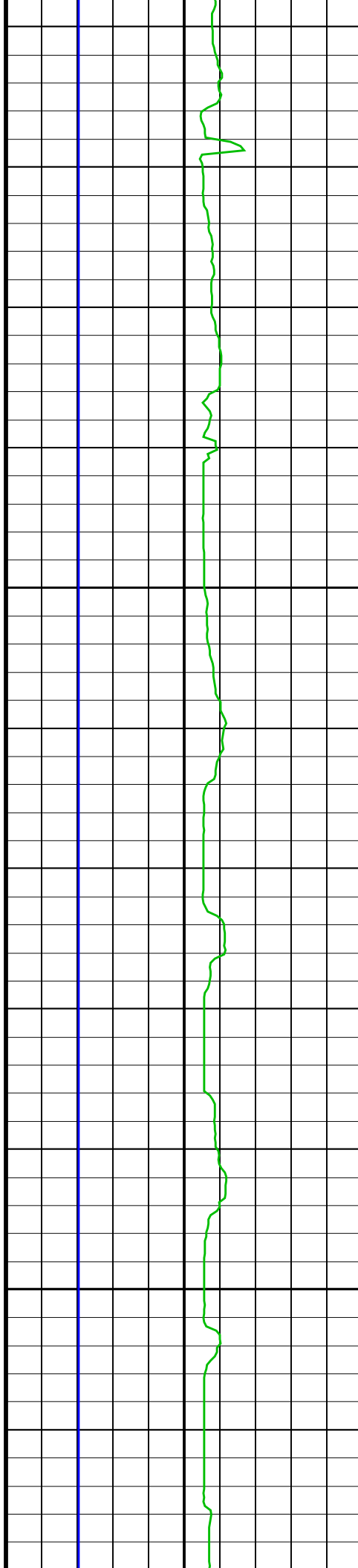
850

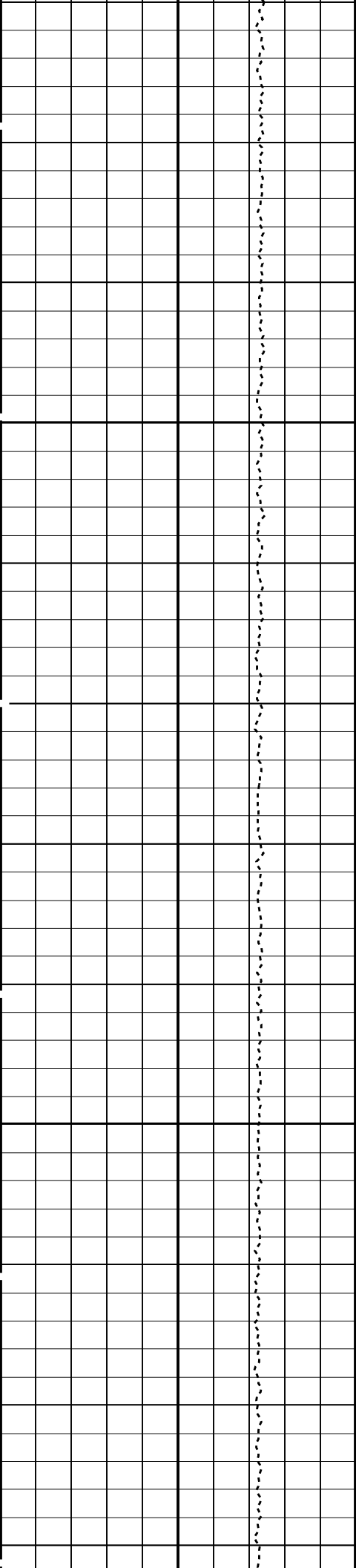




875

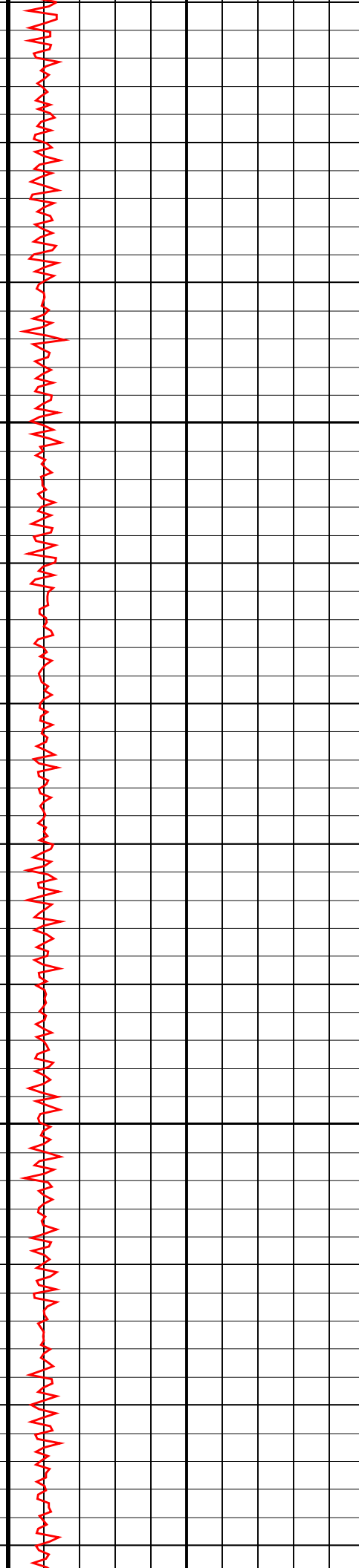
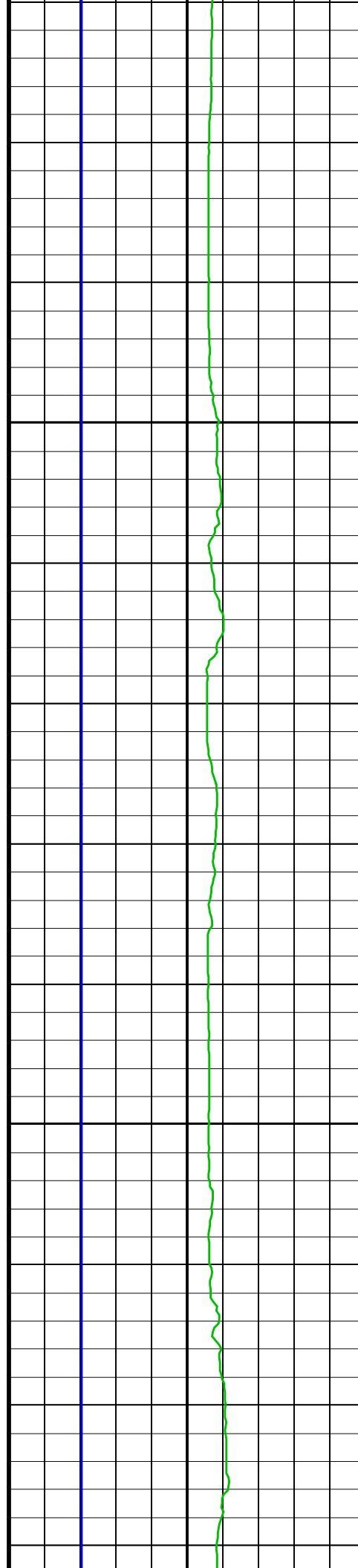
900

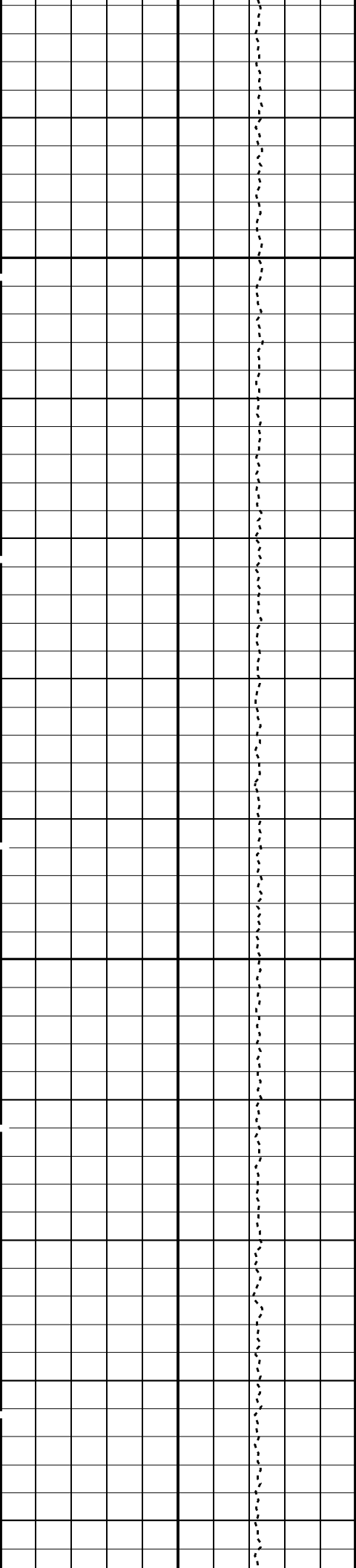




925

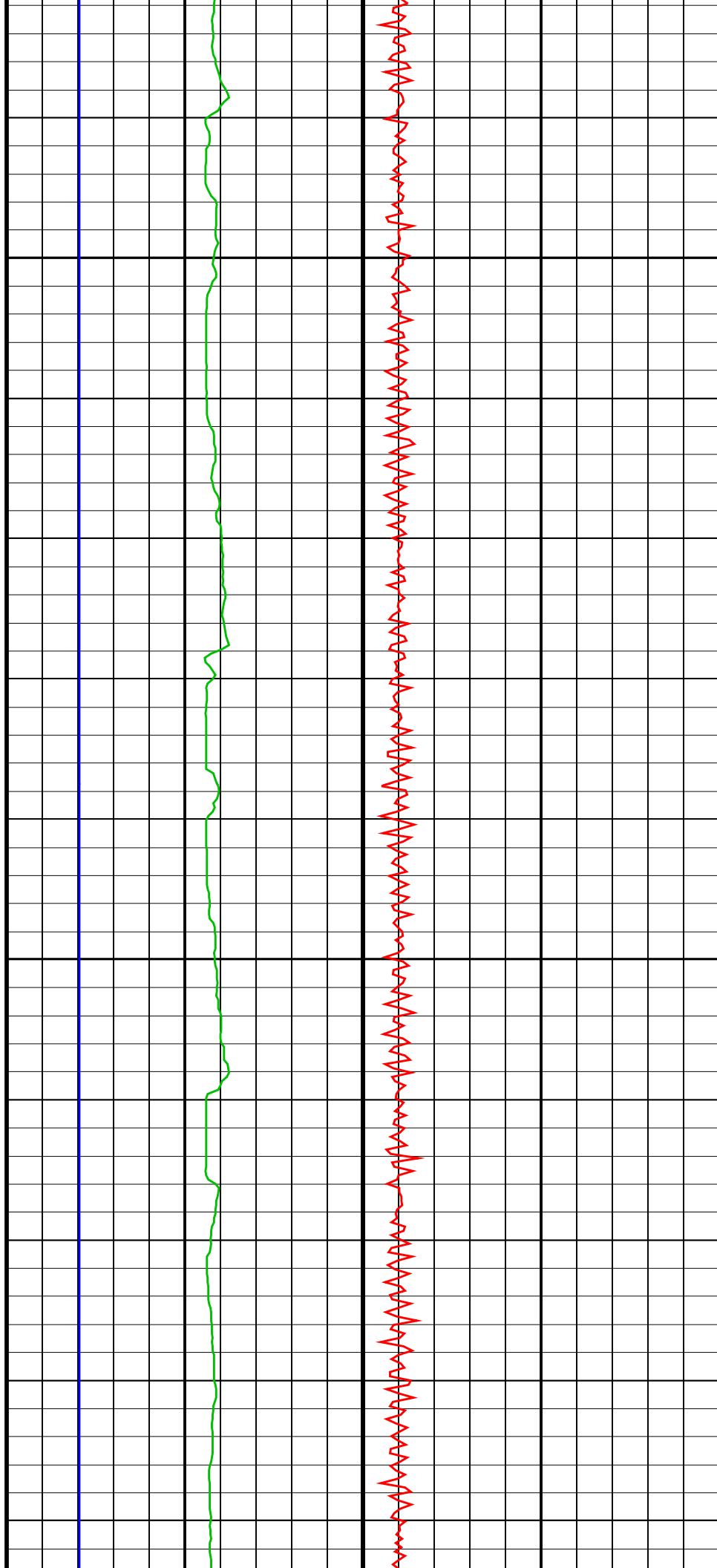
950

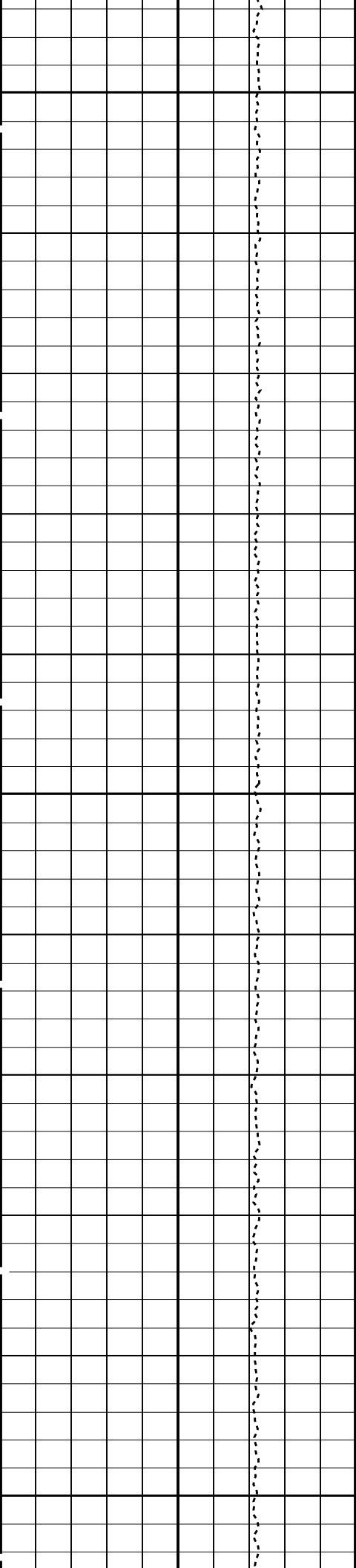




975

1000

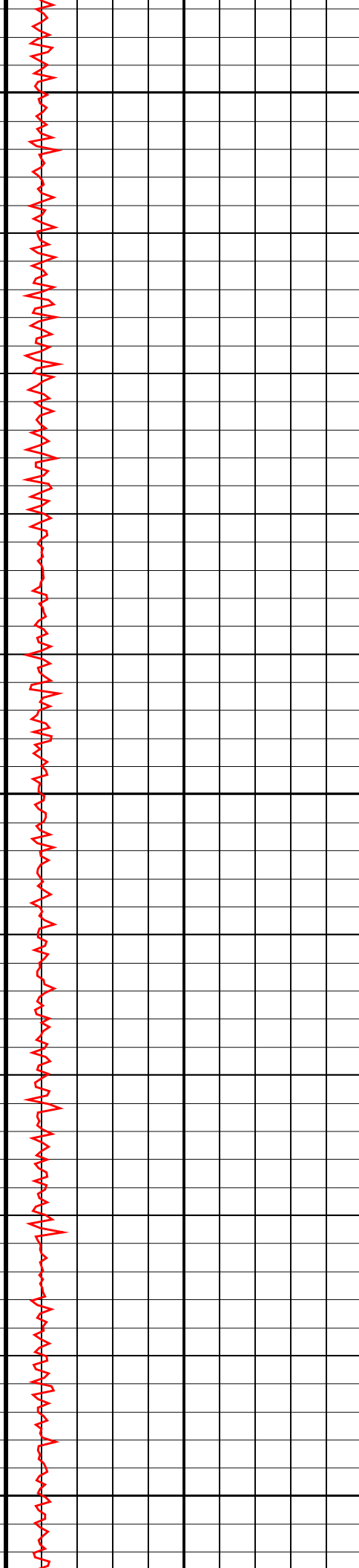
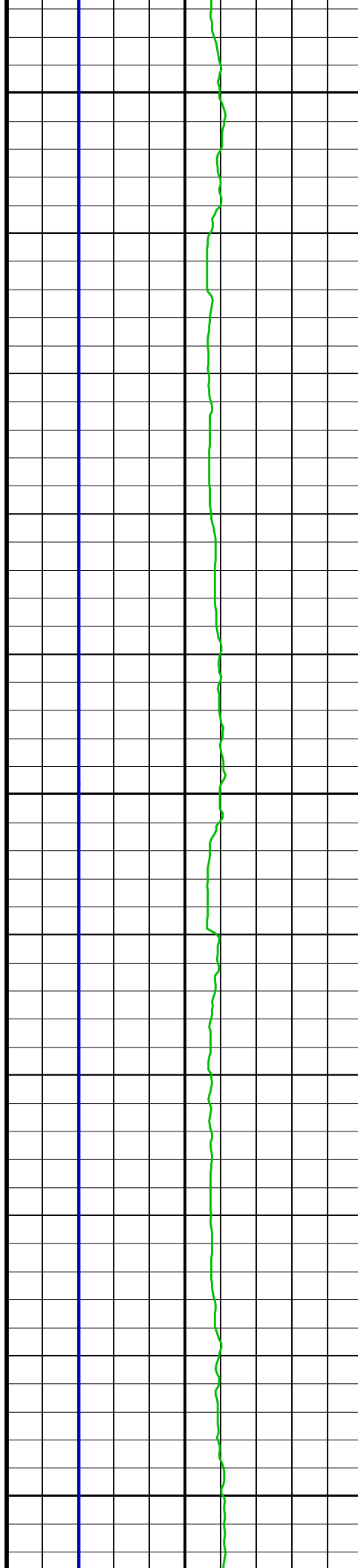


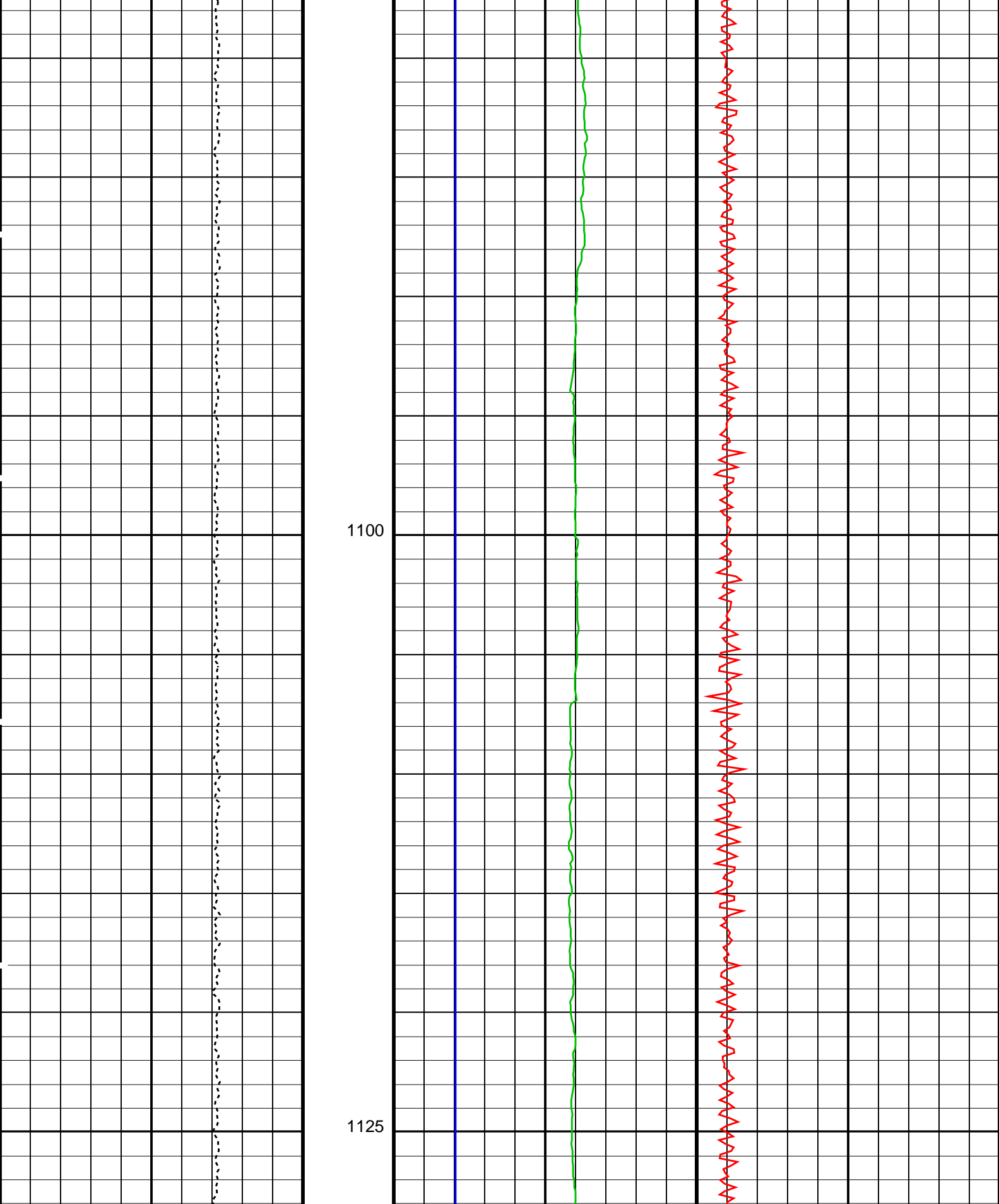


1025

1050

1075





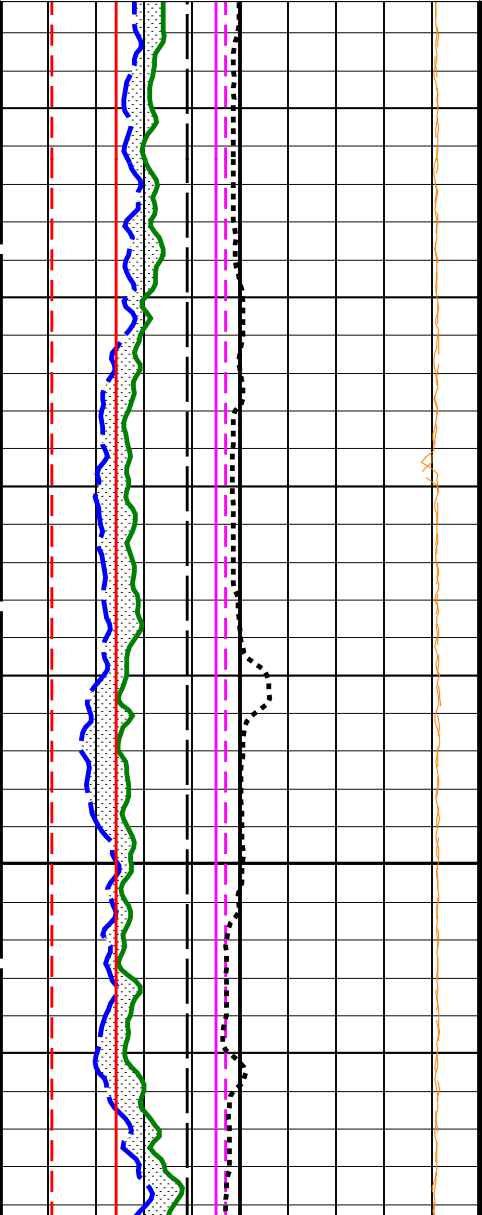
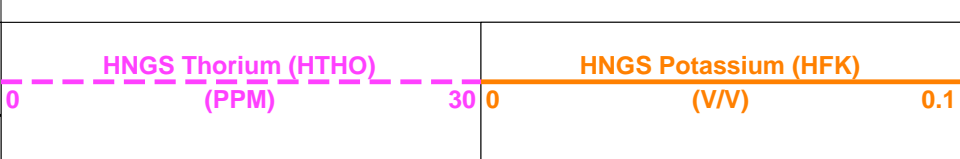
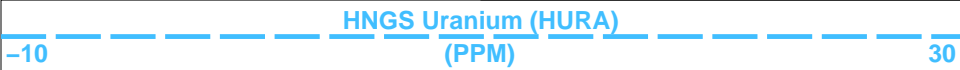
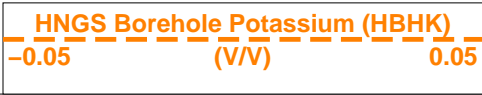
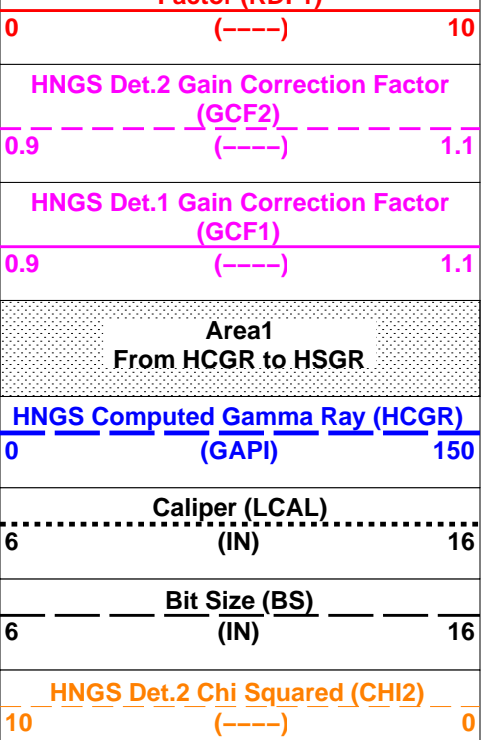
Tension (TENS)
(LBF) 0

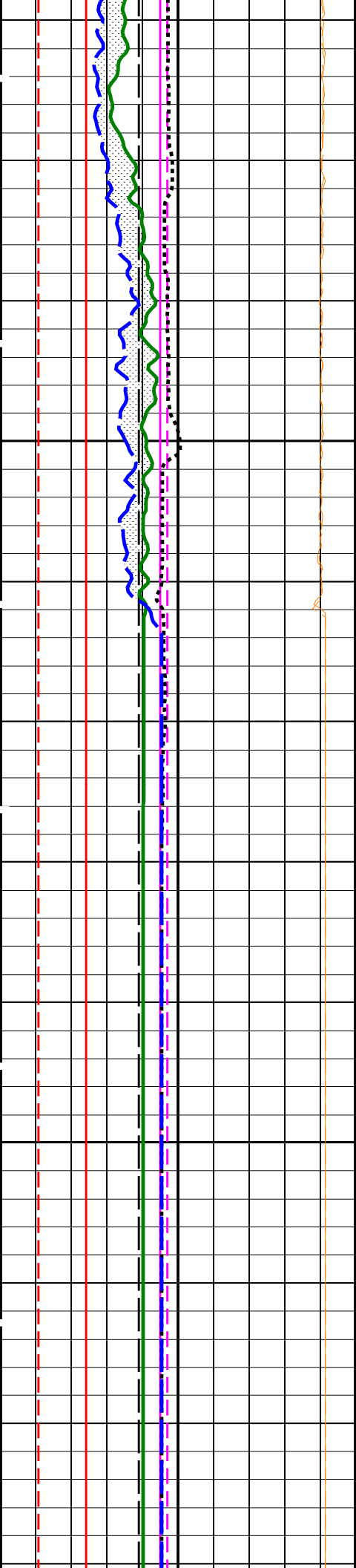
0 Axial Acceleration (MSSZACC_LDEO) (M/S2) 20

-10000 High-Res Susceptibility (MSSHUS_LDEO) (PPM) 90000

Dual-Coil Susceptibility (MSSI SUS_LDEO)

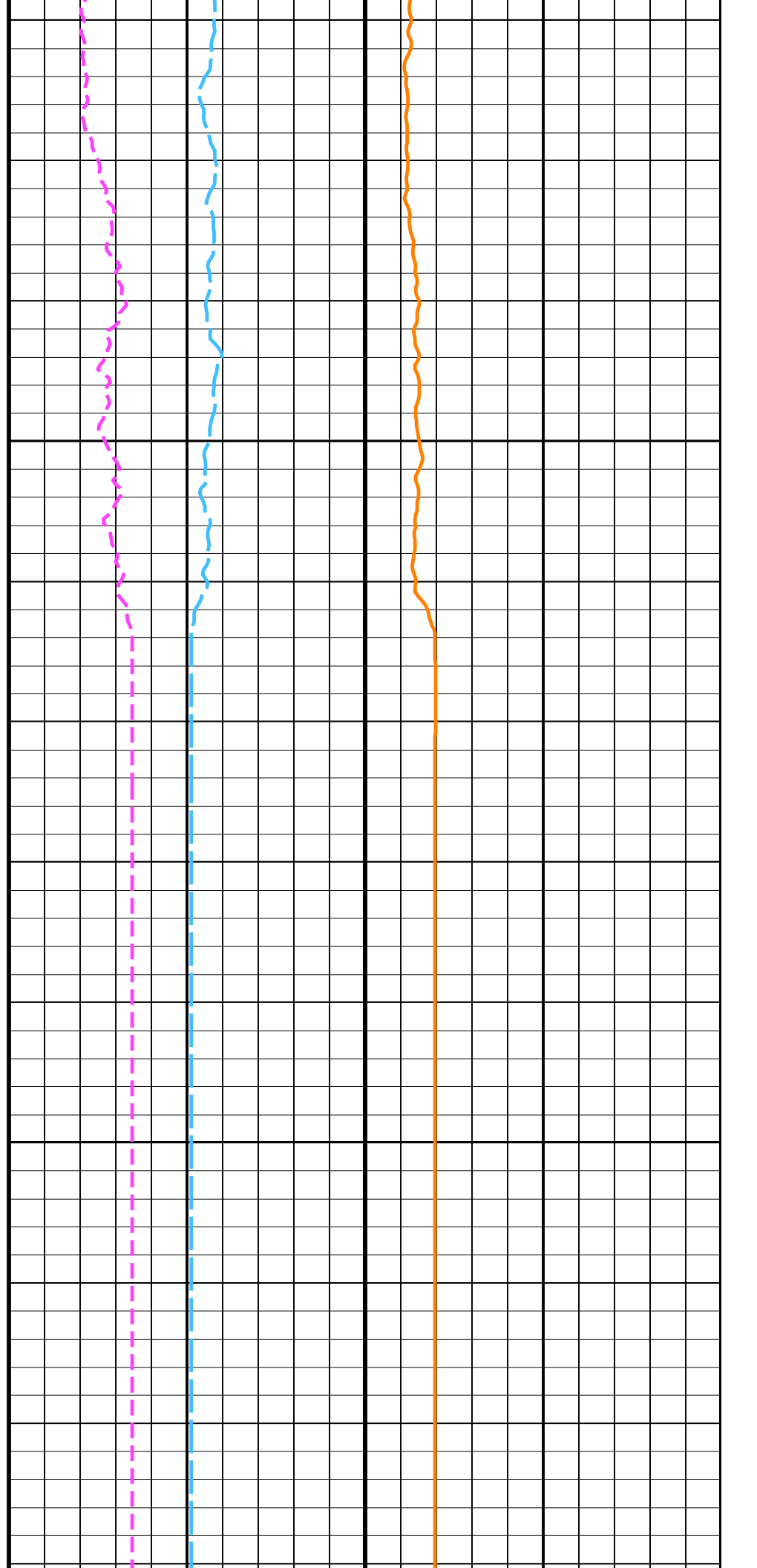
		-10000		Daar Con Susceptibility (MSS_LDEO) (PPM)		90000	
PIP SUMMARY							
Time Mark Every 60 S							
Parameters							
DLIS Name		Description			Value		
DO		System and Miscellaneous			0.0 M		
PP		Depth Offset for Playback			NORMAL		
		Playback Processing					
Format: MSS_Logging		Vertical Scale: 1:200			Graphics File Created: 30-Sep-2023 00:55		
OP System Version: 19C0-187							
MSS_LDEO-A		19C0-187		DSST-B		19C0-187	
HRLT-B		19C0-187		HLDS		19C0-187	
LDSC-B		19C0-187		HNGC-B		19C0-187	
HNGS-BA		19C0-187		EDTC-B		19C0-187	
Input DLIS Files							
DEFAULT		Flip_MSS_LDEO_DSI_006LUP		PRODUCER		29-Sep-2023 23:26 1128.1 M 569.2 M	
Output DLIS Files							
DEFAULT		MSS_LDEO_DSI_HRLA_009PUP		FN:7 PRODUCER		30-Sep-2023 00:55	
<div><div>Schlumberger</div><div>Repeat Pass</div></div>							
MAXIS Field Log							
Company: International Ocean Discovery Program				Well: Expedition 400, Site U1608A			
Output DLIS Files							
DEFAULT		MSS_LDEO_DSI_HRLA_007LUP		FN:5 PRODUCER		29-Sep-2023 23:27 1177.3 M 1077.1 M	
OP System Version: 19C0-187							
MSS_LDEO-A		19C0-187		DSST-B		19C0-187	
HRLT-B		19C0-187		HLDS		19C0-187	
LDSC-B		19C0-187		HNGC-B		19C0-187	
HNGS-BA		19C0-187		EDTC-B		19C0-187	
PIP SUMMARY							
Time Mark Every 60 S							
HNGS Spectroscopy Gamma Ray (HSGR)							
0	(GAPI)	150					
HNGS Det.2 Resolution Degradation Factor (RDF2)							
0	(----	10					
HNGS Det.1 Resolution Degradation Factor (RDF1)							

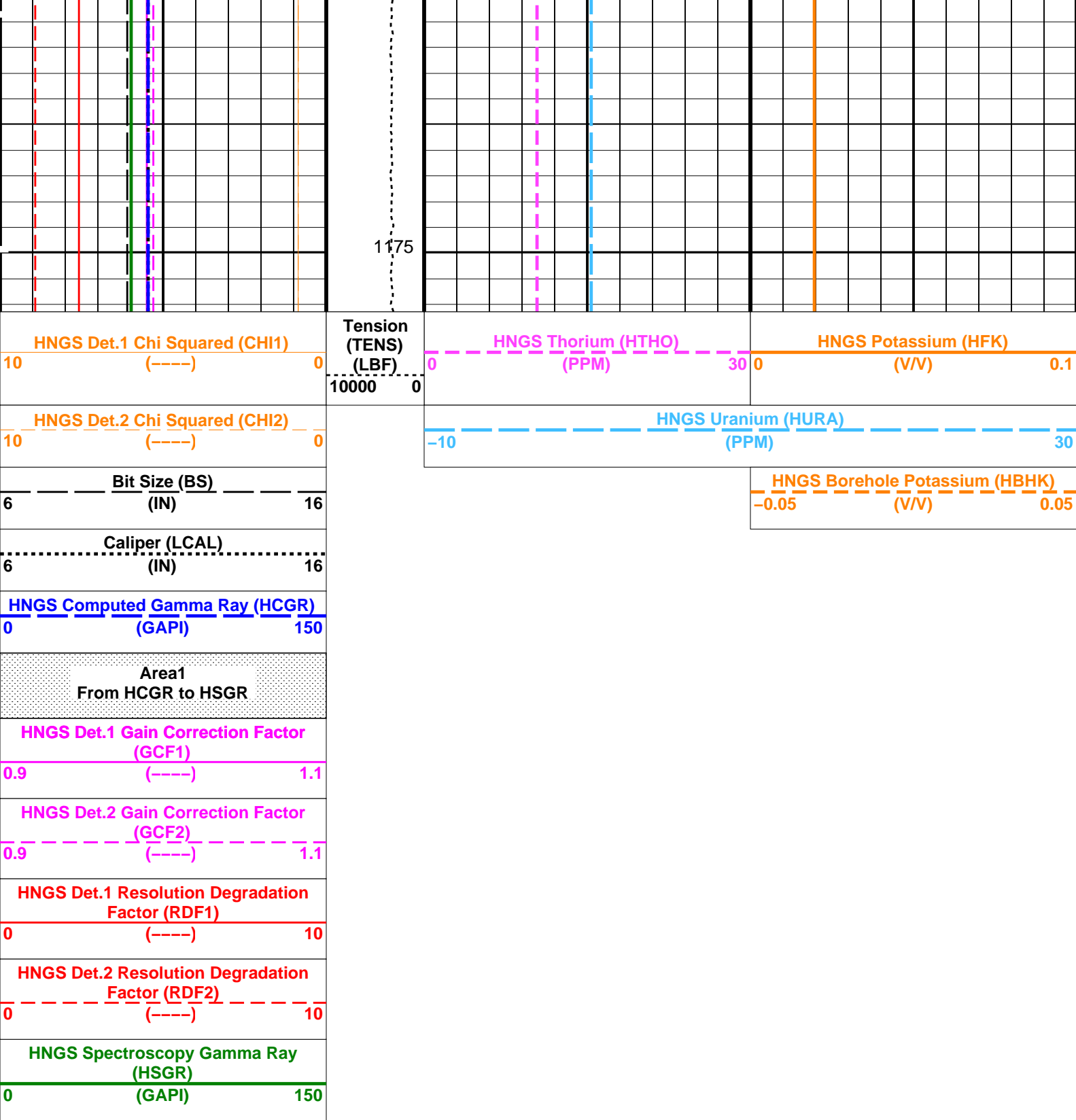




1125

1150





PIP SUMMARY

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
BHS	DSST-B: Dipole Shear Imager – B	
GCSE	Borehole Status	OPEN
	Generalized Caliper Selection	LCAL
BHS	HRLT-B: High Resolution Laterolog Array – B	
GCSE	Borehole Status	OPEN
	Generalized Caliper Selection	LCAL
BAR1	HNGS-BA: Hostile Natural Gamma Ray Sonde	
BAR2	HNGS Detector 1 Barite Constant	1
BHK	HNGS Detector 2 Barite Constant	1
	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	LCAL	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.0183324	
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	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.965032	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.961336	
EDTC-B:	Enhanced DTS Cartridge		
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	LCAL	
	System and Miscellaneous		
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	9.00	LB/G

Format: HNGSYields

Vertical Scale: 1:200

Graphics File Created: 29-Sep-2023 23:27

OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files			
DEFAULT	MSS_LDEO_DSI_HRLA_007LUP	FN:5	PRODUCER 29-Sep-2023 23:27

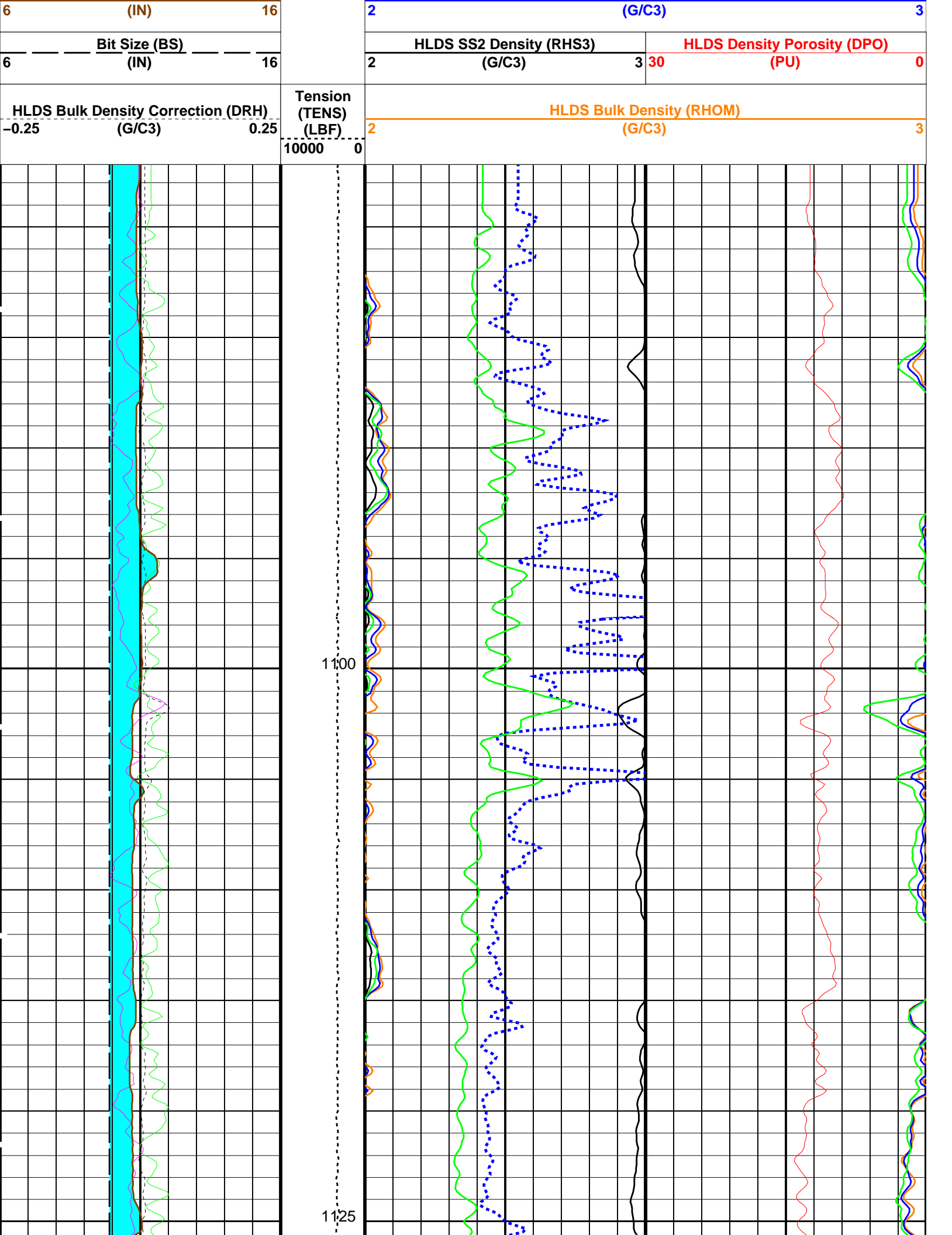
Company: International Ocean Discovery Program

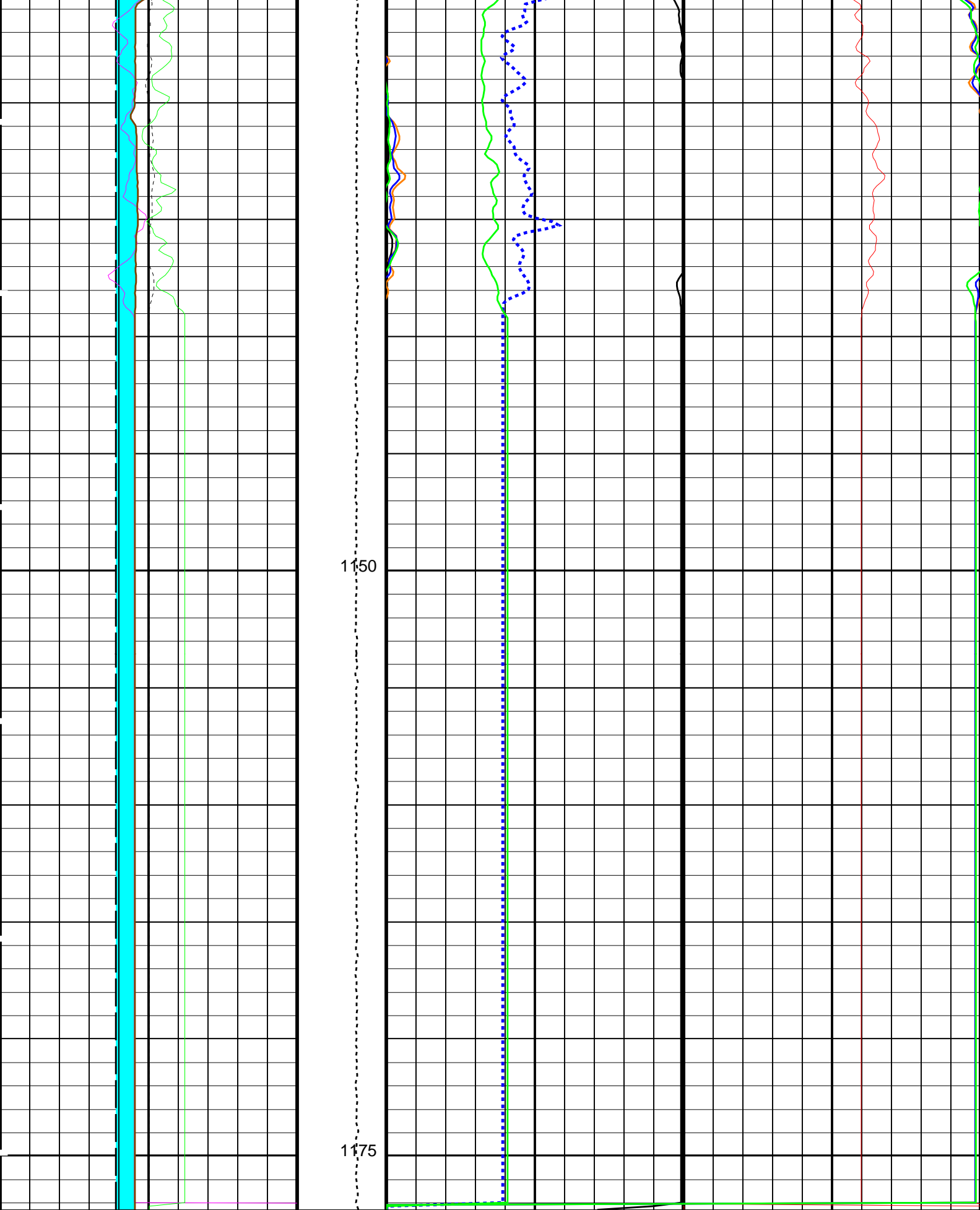
Well: Expedition 400, Site U1608A

Output DLIS Files			
DEFAULT	MSS_LDEO_DSI_HRLA_007LUP	FN:5	PRODUCER 29-Sep-2023 23:27 1177.3 M 1077.1 M
OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

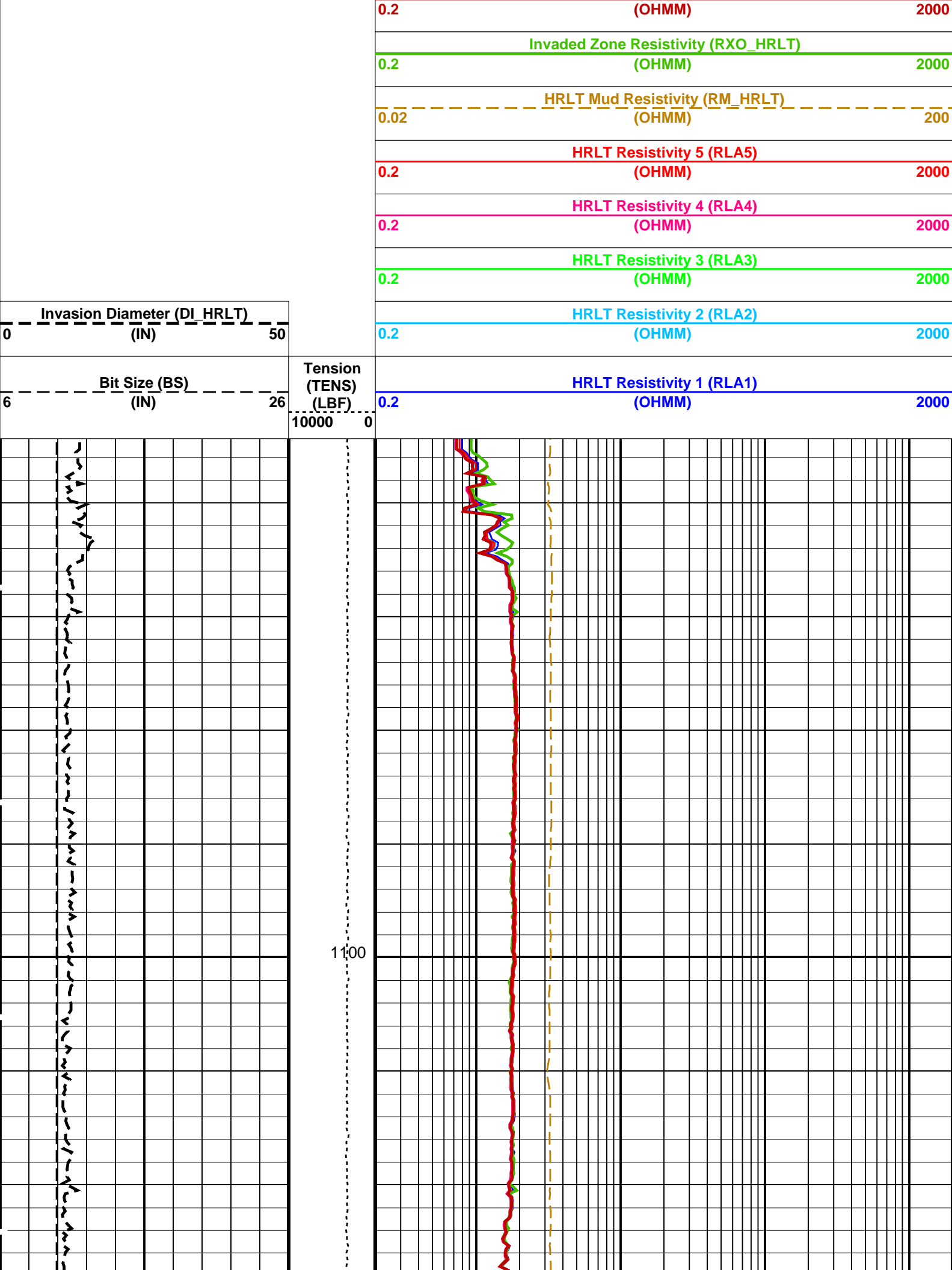
PIP SUMMARY			
Time Mark Every 60 S			

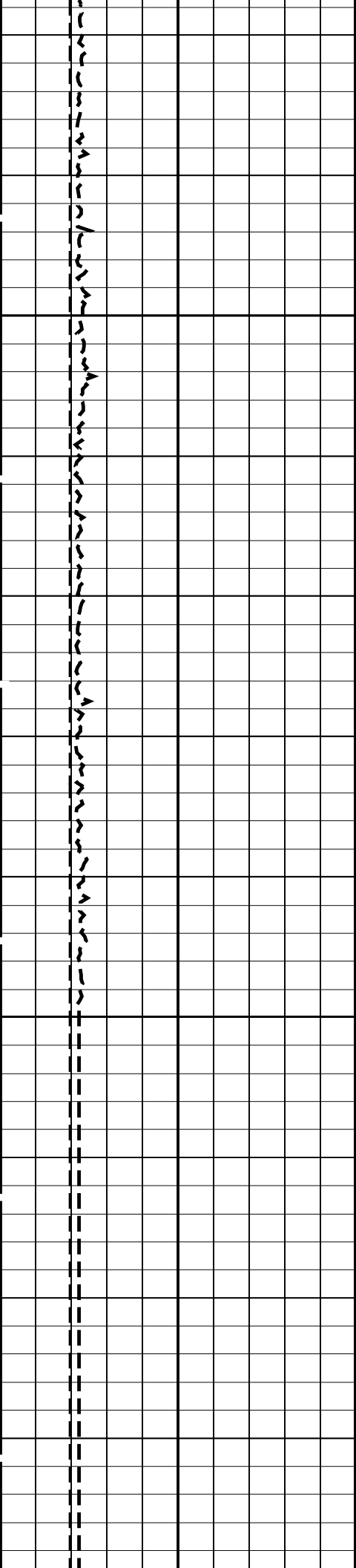
HLDS Long Spacing Quality Indicator (LQLS)	
-0.25 (----) 0.25	
HLDS Short Spacing Quality Indicator (LQSS)	
-0.25 (----) 0.25	
Washout From BS to HLDS_CALIPER	HLDS Short Spaced Bulk Density (RHS) (G/C3)
	2 3
Mudcake From HLDS_CALIPER to BS	HLDS Long Spaced Photoelectric Effect (PEFL)
	0 10
HLDS Caliper (LCAL)	HLDS Short Spaced Photoelectric Effect (PEFS)
	0 10
	HLDS Long Spaced Bulk Density (RHL)





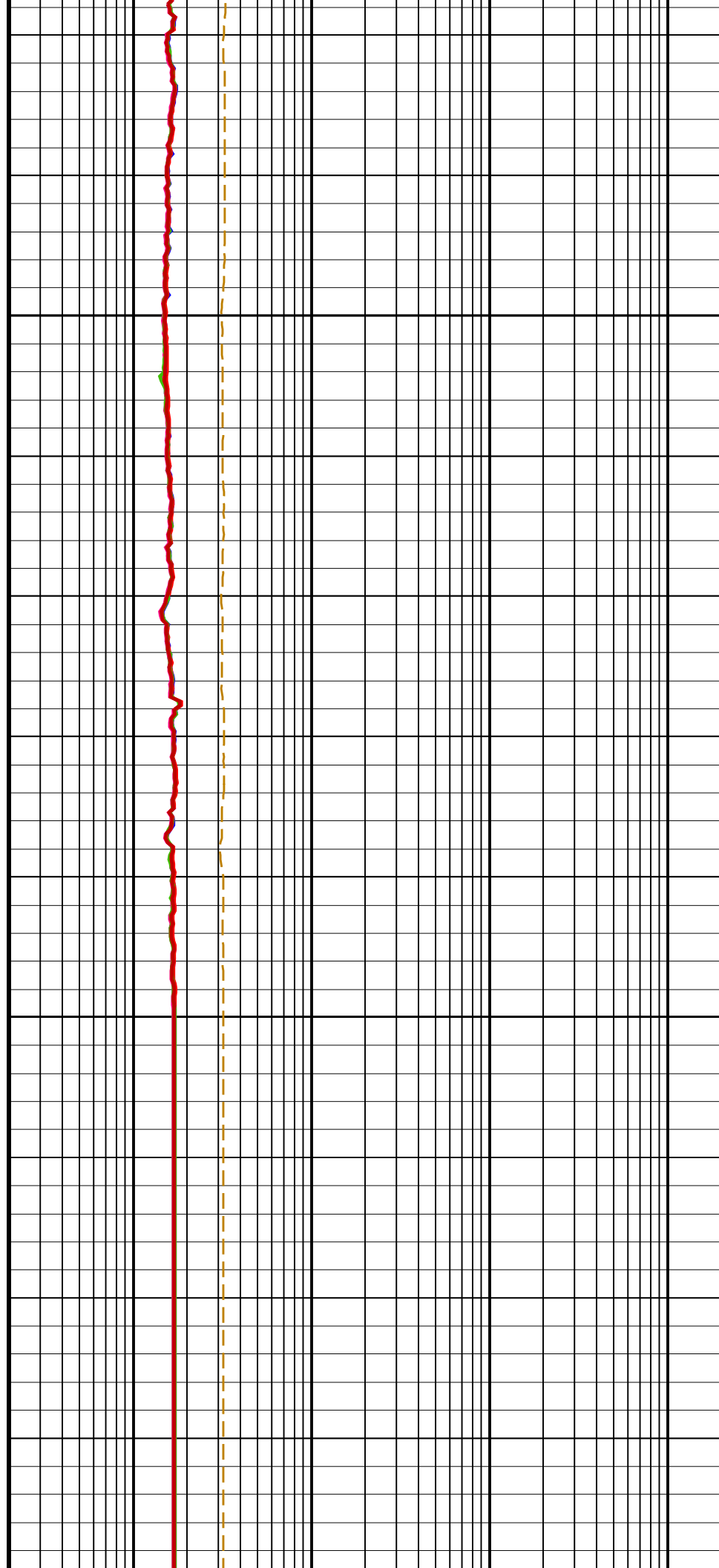
HLDS Bulk Density Correction (DRH) (G/C3)	Tension (TENS) (LBF)	HLDS Bulk Density (RHOM) (G/C3)
-0.25 0.25	10000 0	2 3
Bit Size (BS)	HLDS SS2 Density (RHS2)	HLDS Density Porosity (DPO)

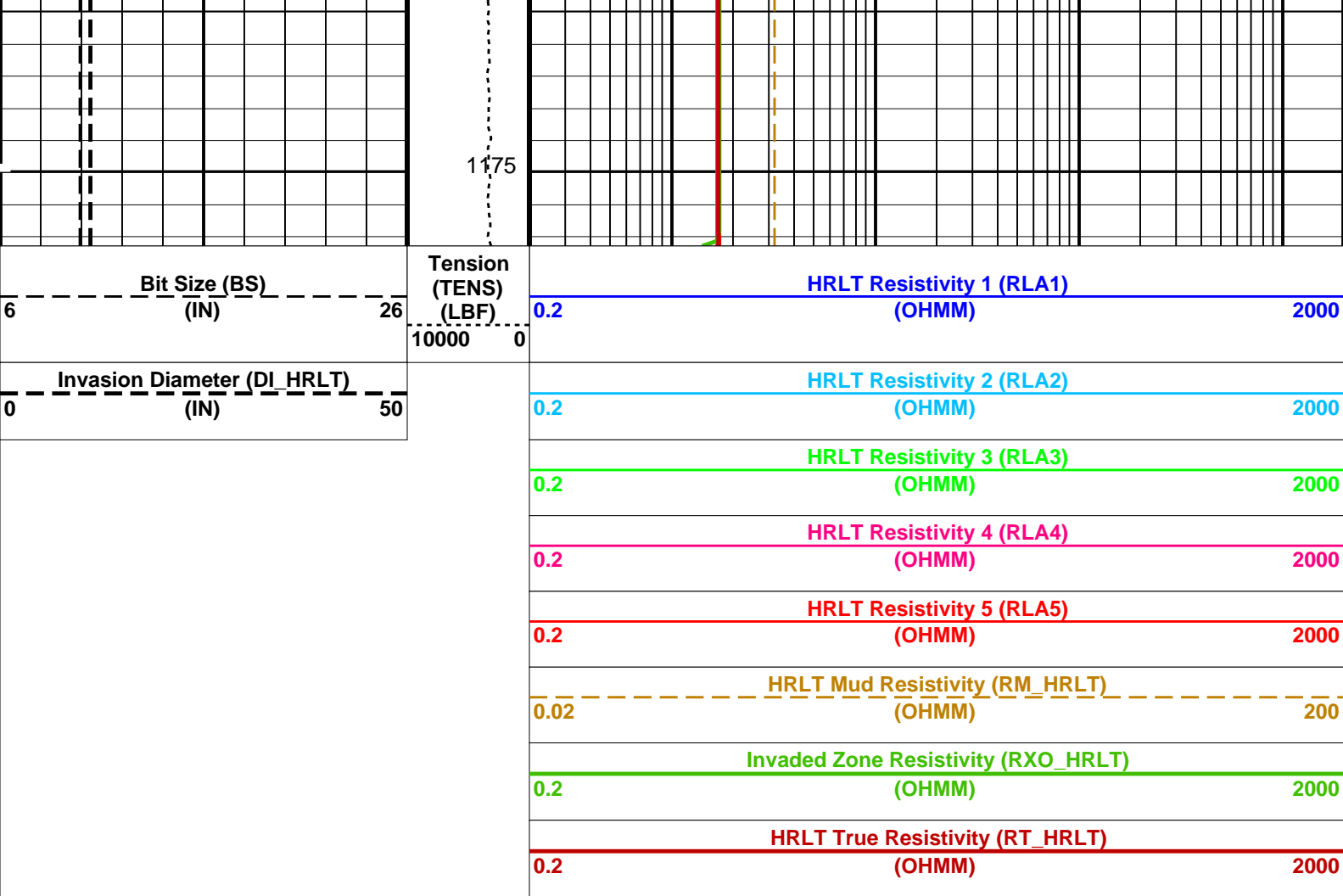




11:25

11:50





<div><div>Bit Size (BS)</div><div>(IN)</div><div>626</div></div> <div><div>Invasion Diameter (DI_HRLT)</div><div>(IN)</div><div>050</div></div>	<div><div>Tension</div><div>(TENS)</div><div>(LBF)</div><div>100000</div><div>0</div></div>	<div>HRLT Resistivity 1 (RLA1)</div> <div>(OHMM)</div> <div>2000</div>	
		<div>HRLT Resistivity 2 (RLA2)</div> <div>(OHMM)</div> <div>2000</div>	
		<div>HRLT Resistivity 3 (RLA3)</div> <div>(OHMM)</div> <div>2000</div>	
		<div>HRLT Resistivity 4 (RLA4)</div> <div>(OHMM)</div> <div>2000</div>	
		<div>HRLT Resistivity 5 (RLA5)</div> <div>(OHMM)</div> <div>2000</div>	
		<div>HRLT Mud Resistivity (RM_HRLT)</div> <div>(OHMM)</div> <div>200</div>	
		<div>Invaded Zone Resistivity (RXO_HRLT)</div> <div>(OHMM)</div> <div>2000</div>	
		<div>HRLT True Resistivity (RT_HRLT)</div> <div>(OHMM)</div> <div>2000</div>	

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
HRLT-B: High Resolution Laterolog Array – B			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
KFAC_HRLT	HRLT K Factor Option	SONDE	
PROCINV	Inversion Selection	ON	
PROCML	Inversion Micro-Resistivity Selection	NO_EXTERNAL_RXO	
PROCMSO	Mechanical Standoff Fin Size	0	IN
PROCRM	Processing Mud Resistivity Select	HRLT_Compute	
PROCSP0	Sonde Position	Centered	
SHT	Surface Hole Temperature	68	DEGF
HNCS-BA: Hostile Natural Gamma Ray Sonde			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
EDTC-B: Enhanced DTS Cartridge			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF

SH1	System and Miscellaneous	Surface Hole Temperature	68	DEGR
BS	Bit Size		9.875	IN
MST	Mud Sample Temperature		23.00	DEGC
TD	Total Depth		10190.3	FT

Format: HRLT	Vertical Scale: 1:200	Graphics File Created: 29-Sep-2023 23:27
--------------	-----------------------	--

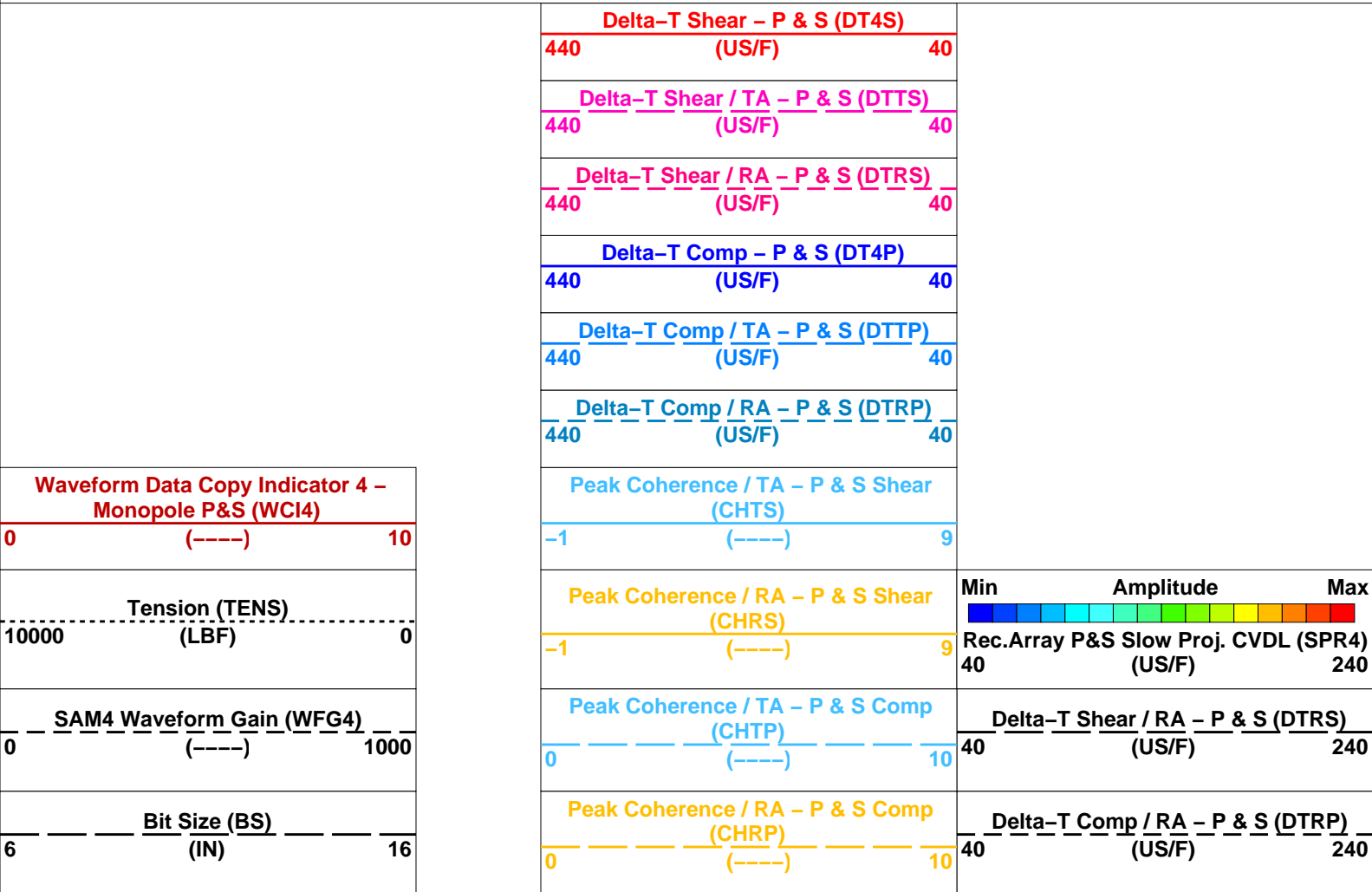
OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

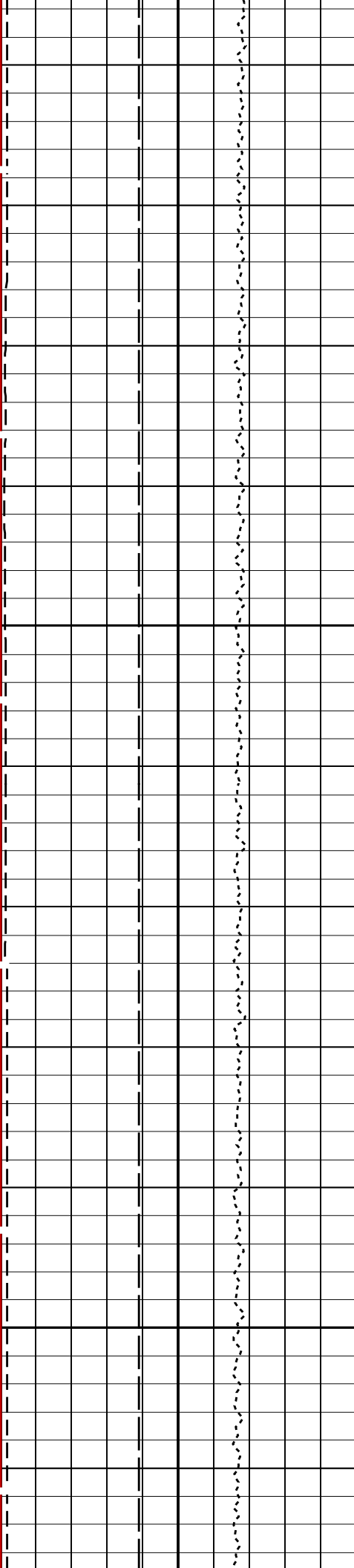
Output DLIS Files			
DEFAULT	MSS_LDEO_DSI_HRLA_007LUP	FN:5	PRODUCER 29-Sep-2023 23:27

Company: International Ocean Discovery Program	Well: Expedition 400, Site U1608A
--	-----------------------------------

Output DLIS Files			
DEFAULT	MSS_LDEO_DSI_HRLA_007LUP	FN:5	PRODUCER 29-Sep-2023 23:27 1177.3 M 1077.1 M
OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

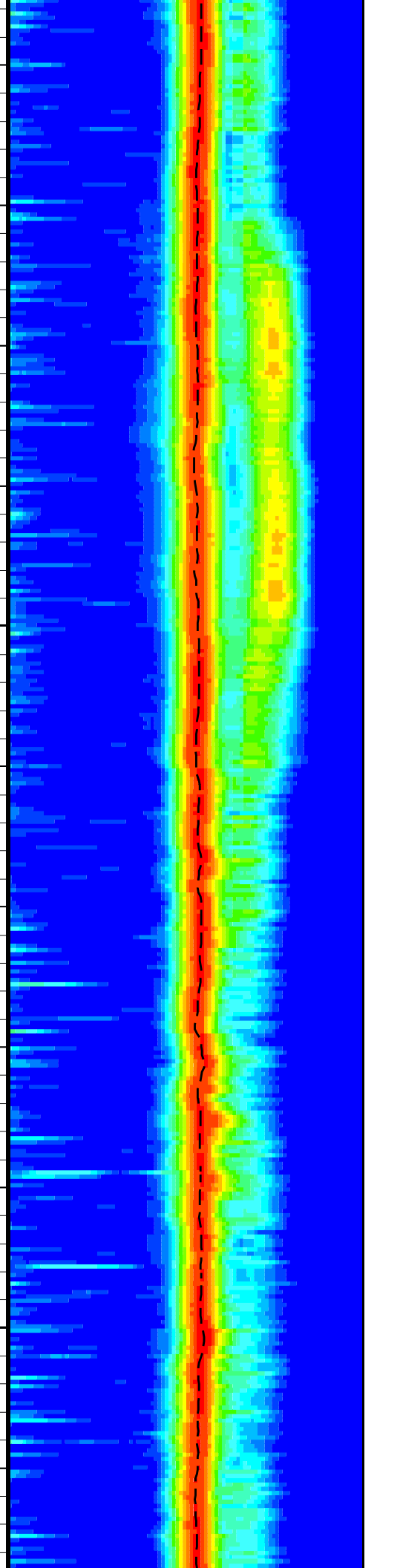
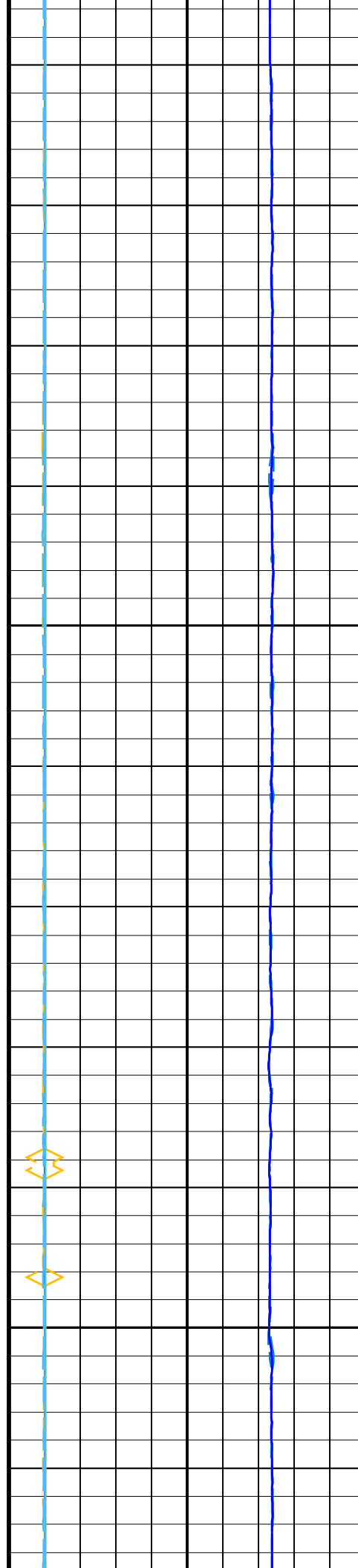
PIP SUMMARY			
Time Mark Every 60 S			

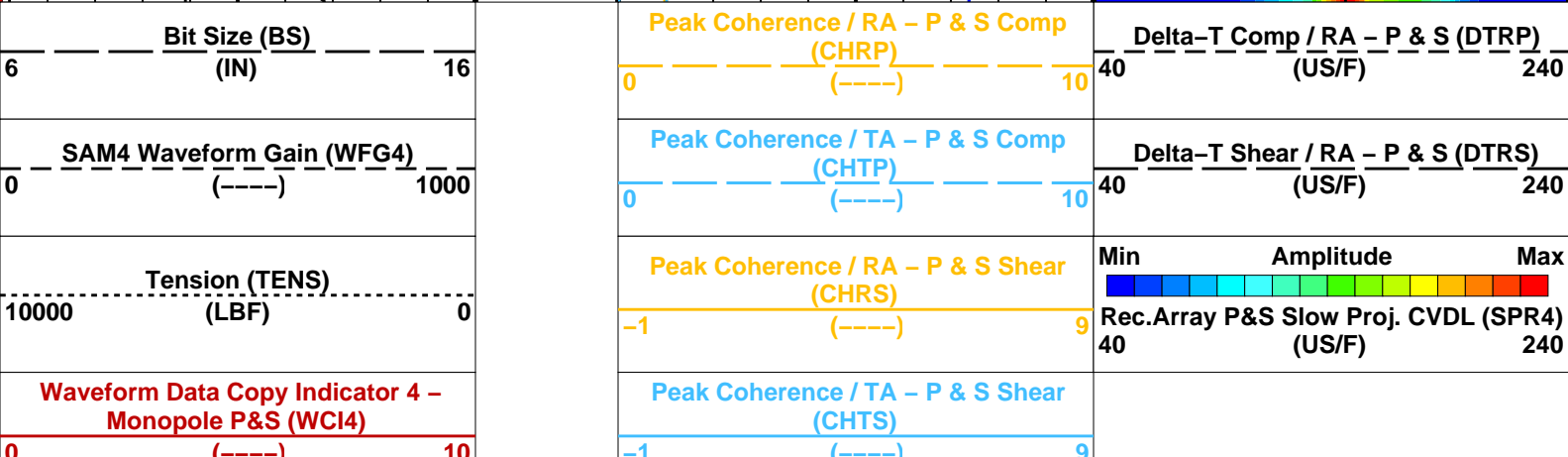
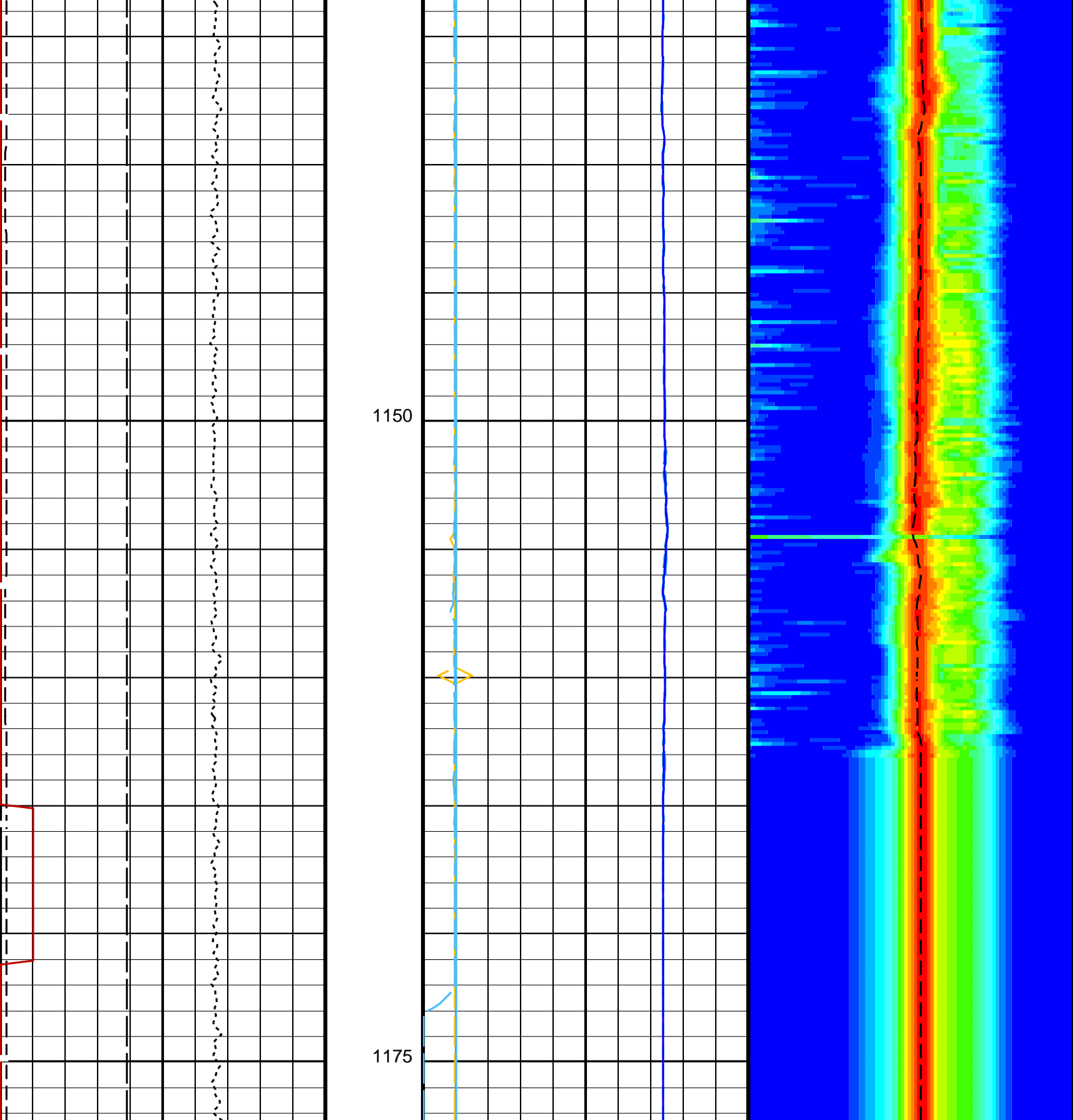




1100

1125





<u>Delta-T Comp / RA – P & S (DTRP)</u>		
440	(US/F)	40
<u>Delta-T Comp / TA – P & S (DTTP)</u>		
440	(US/F)	40
<u>Delta-T Comp – P & S (DT4P)</u>		
440	(US/F)	40
<u>Delta-T Shear / RA – P & S (DTRS)</u>		
440	(US/F)	40
<u>Delta-T Shear / TA – P & S (DTTS)</u>		
440	(US/F)	40
<u>Delta-T Shear – P & S (DT4S)</u>		
440	(US/F)	40

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	80 US/F
COUL	Label Slowness Upper Limit – Monopole P&S Compressional	180 US/F
DDE4	Digitizing Delay 4	0 US
DDEX	Digitizing Delay X	0 US
DSI4	Digitizer Sample Interval 4	10 US
DSIX	Digitizer Sample Interval X	40 US
DTF	Delta-T Fluid	189 US/F
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
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
SAM4	DSST Sonic Acquisition Mode 4 – Monopole Mode for P&S	MFD_ODD
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF
SAS4	STC Sonic Array Status – Monopole P&S	255
SBO4	STC Search Band Offset – Monopole P&S	500 US
SBR4	STC Baseline Removal – Monopole P&S	ON
SBW4	STC Search Bandwidth – Monopole P&S	2000 US
SFC4	STC Formation Character – Monopole P&S	SELECTABLE
SFM4	STC Filter – Monopole P&S	B3–12K
SHLL	Label Slowness Lower Limit – Monopole P&S Shear	75 US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	180 US/F
SLL4	STC Slowness Lower Limit – Monopole P&S	40 US/F
SST4	STC Slowness Step – Monopole P&S	2 US/F
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
SUL4	STC Slowness Upper Limit – Monopole P&S	240 US/F
SWD4	STC Slowness Width – Monopole P&S	10 US/F
TBF4	STC Time for Baseline Fill – Monopole P&S	300 US
TLL4	STC Time Lower Limit – Monopole P&S	150 US
TST4	STC Time Step – Monopole P&S	50 US
TUL4	STC Time Upper Limit – Monopole P&S	3660 US
TWD4	STC Time Width – Monopole P&S	1000 US
TWI4	STC Integration Time Window – Monopole P&S	500 US
TWSX	Transmitter Waveform Select X	0

WFM4	Waveform Mode 4	W1
BHS	HRLT-B: High Resolution Laterolog Array - B Borehole Status	OPEN
BHS	HNGS-BA: Hostile Natural Gamma Ray Sonde Borehole Status	OPEN
BHS	EDTC-B: Enhanced DTS Cartridge Borehole Status	OPEN
BS	System and Miscellaneous Bit Size	9.875 IN

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 29-Sep-2023 23:27

OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files			
DEFAULT	MSS_LDEO_DSI_HRLA_007LUP	FN:5	PRODUCER 29-Sep-2023 23:27

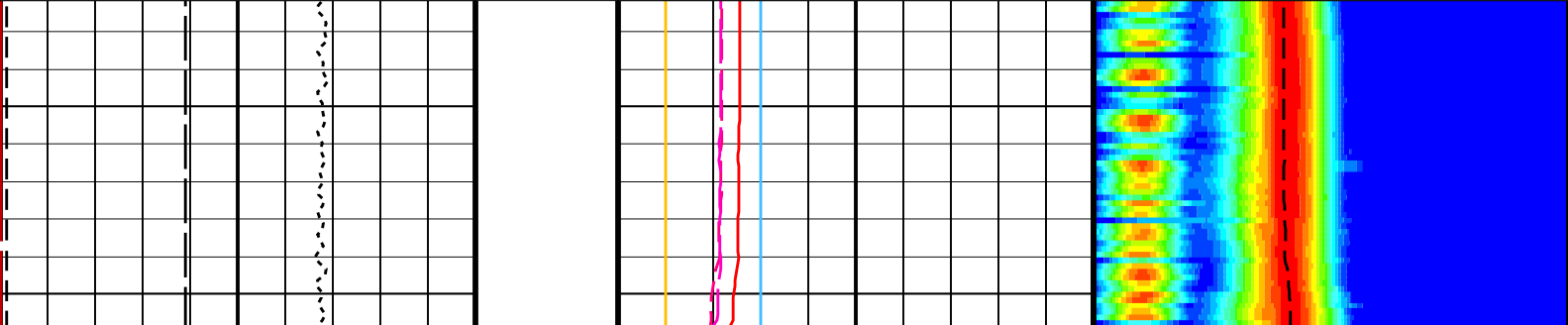
Company: International Ocean Discovery Program Well: Expedition 400, Site U1608A

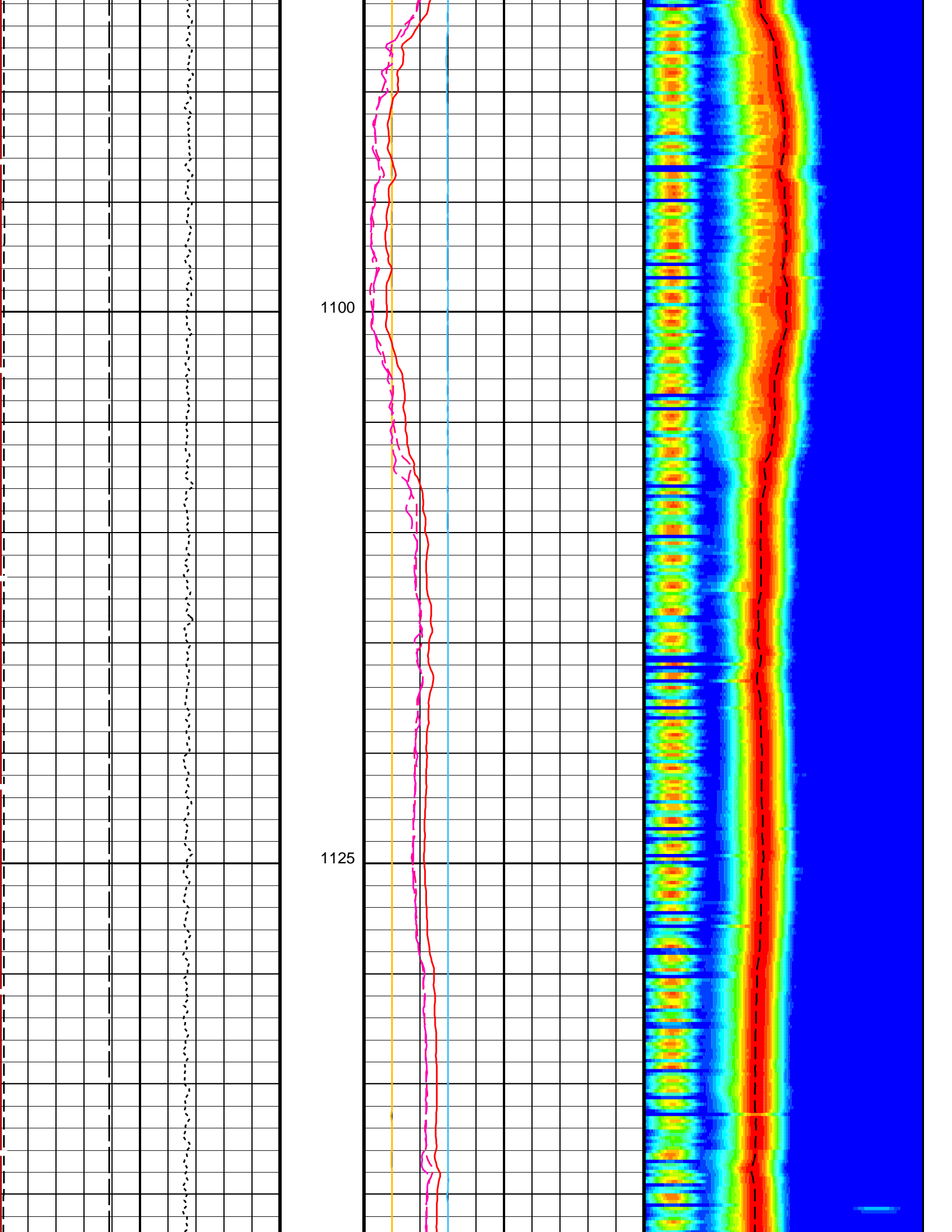
Output DLIS Files			
DEFAULT	MSS_LDEO_DSI_HRLA_007LUP	FN:5	PRODUCER 29-Sep-2023 23:27 1177.3 M 1077.1 M

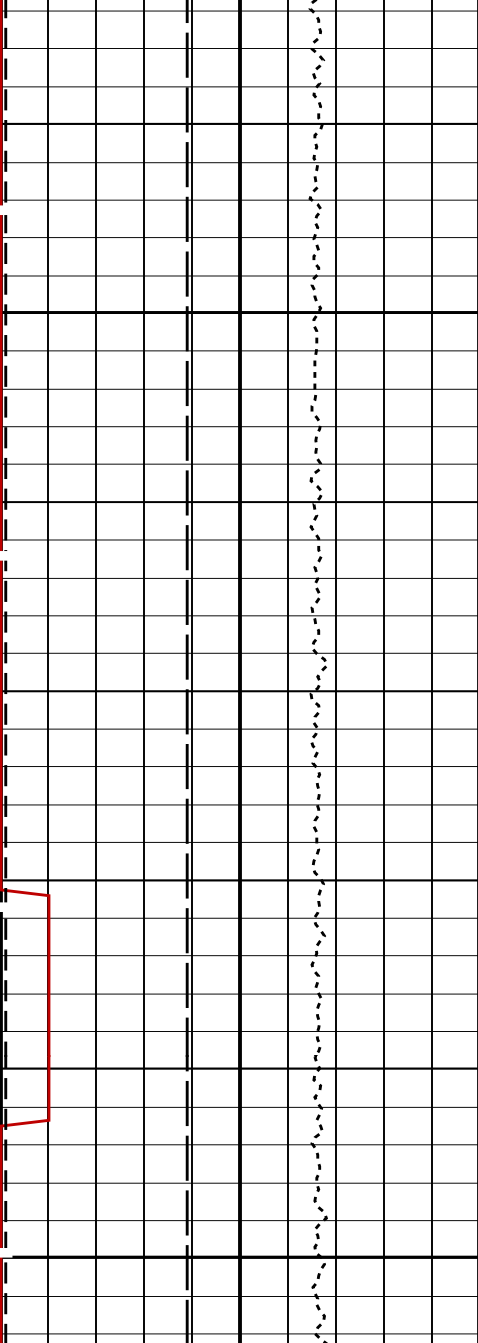
OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY			
Time Mark Every 60 S			

<div>Waveform Data Copy Indicator 2 - Upper Dipole (WC12)</div> <div>0 (----) 10</div> <div>Tension (TENS)</div> <div>10000 (LBF) 0</div> <div>SAM2 Waveform Gain (WFG2)</div> <div>0 (----) 1000</div> <div>Bit Size (BS)</div> <div>6 (IN) 16</div>	<div>Delta-T Shear - Upper Dipole (DT2)</div> <div>440 (US/F) 40</div>	
	<div>Delta-T Shear / TA - Upper Dipole (DT2T)</div> <div>440 (US/F) 40</div>	
	<div>Delta-T Shear / RA - Upper Dipole (DT2R)</div> <div>440 (US/F) 40</div>	
	<div>Peak Coherence / TA - Upper Dipole (CHT2)</div> <div>-2 (----) 8</div>	
	<div>Peak Coherence / RA - Upper Dipole (CHR2)</div> <div>0 (----) 10</div>	
		<div>Min Amplitude Max</div> <div>Rec.Array U.Dipole Slow Proj. CVDL (SPR2) (US/F)</div> <div>75 775</div>
		<div>Delta-T Shear / RA - Upper Dipole (DT2R) (US/F)</div> <div>75 775</div>







Bit Size (BS)
(IN)

6 16

SAM2 Waveform Gain (WFG2)
(-----)

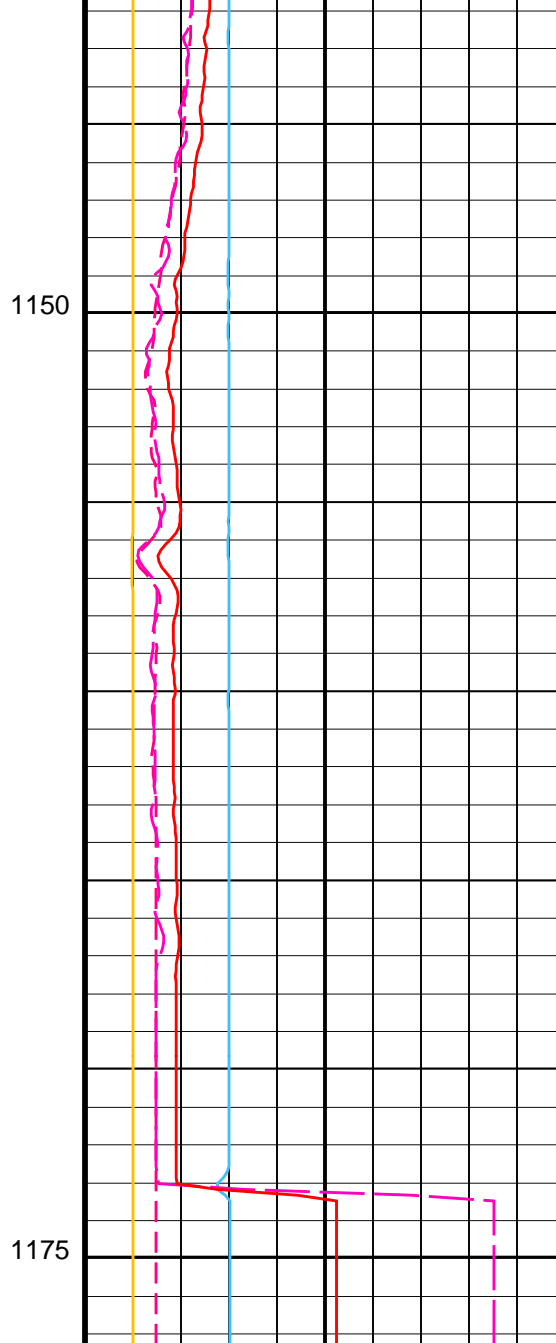
0 1000

Tension (TENS)
(LBF)

10000 0

Waveform Data Copy Indicator 2 –
Upper Dipole (WC12)

0 10



Peak Coherence / RA – Upper Dipole
(CHR2)

0 10

Peak Coherence / TA – Upper Dipole
(CHT2)

-2 8

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

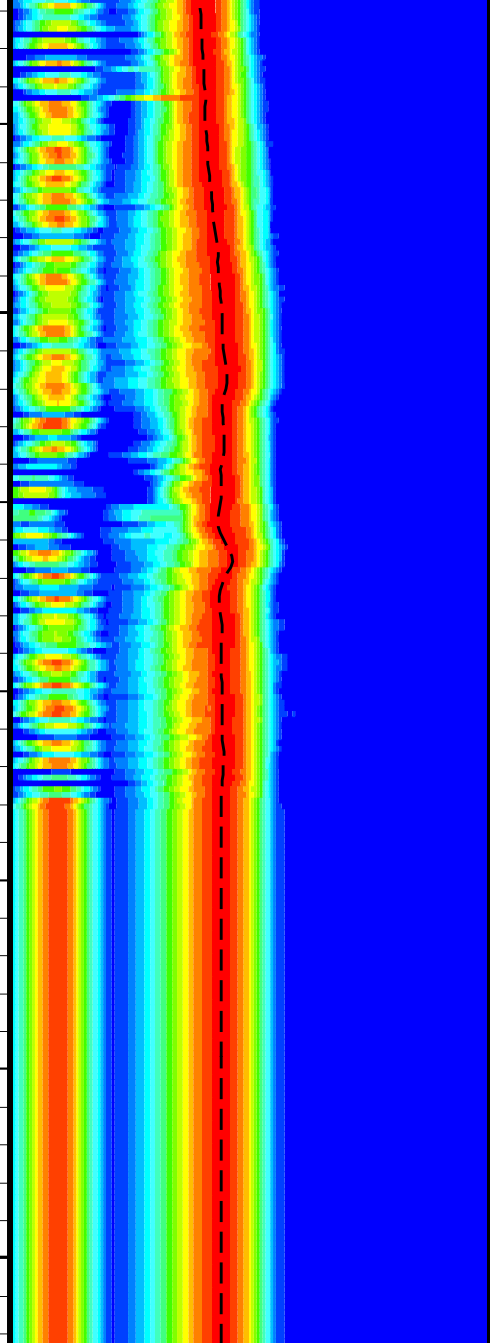
440 40

Delta-T Shear / TA – Upper Dipole
(DT2T)
(US/F)

440 40

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

440 40



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

75 775

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

75 775

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE2	Digitizing Delay 2	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	300	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	775	US/F
DSI2	Digitizer Sample Interval 2	40	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta-T Source for DTCO Channel	PS_COMP	
DWC2	Digitizer Word Count 2	512	
DWCX	Digitizer Word Count X	512	
NWI2	Number Waveform Items 2	8	
NWIX	Number Waveform Items X	0	
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	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS2	STC Sonic Array Status – Upper Dipole	255	
SBO2	STC Search Band Offset – Upper Dipole	3000	US
SBW2	STC Search Bandwidth – Upper Dipole	8000	US
SFC2	STC Formation Character – Upper Dipole	SELECTABLE	
SFM2	STC Filter – Upper Dipole	B1–3K	
SLL2	STC Slowness Lower Limit – Upper Dipole	75	US/F
SST2	STC Slowness Step – Upper Dipole	4	US/F
SSW2	STC Source Waveform – Upper Dipole	WF_SAM2	
SUL2	STC Slowness Upper Limit – Upper Dipole	775	US/F
SWD2	STC Slowness Width – Upper Dipole	40	US/F
TBF2	STC Time for Baseline Fill – Upper Dipole	0	US
TLL2	STC Time Lower Limit – Upper Dipole	600	US
TST2	STC Time Step – Upper Dipole	200	US
TUL2	STC Time Upper Limit – Upper Dipole	15525	US
TWD2	STC Time Width – Upper Dipole	2000	US
TWI2	STC Integration Time Window – Upper Dipole	1600	US
TWSX	Transmitter Waveform Select X	0	
UTXG	Upper Dipole Transmitter Geometry	162	IN
WFM2	Waveform Mode 2	W1	
System and Miscellaneous			
BS	Bit Size	9.875	IN

Format: DSST_UPPER_DIPOLE_VDL_COLOR

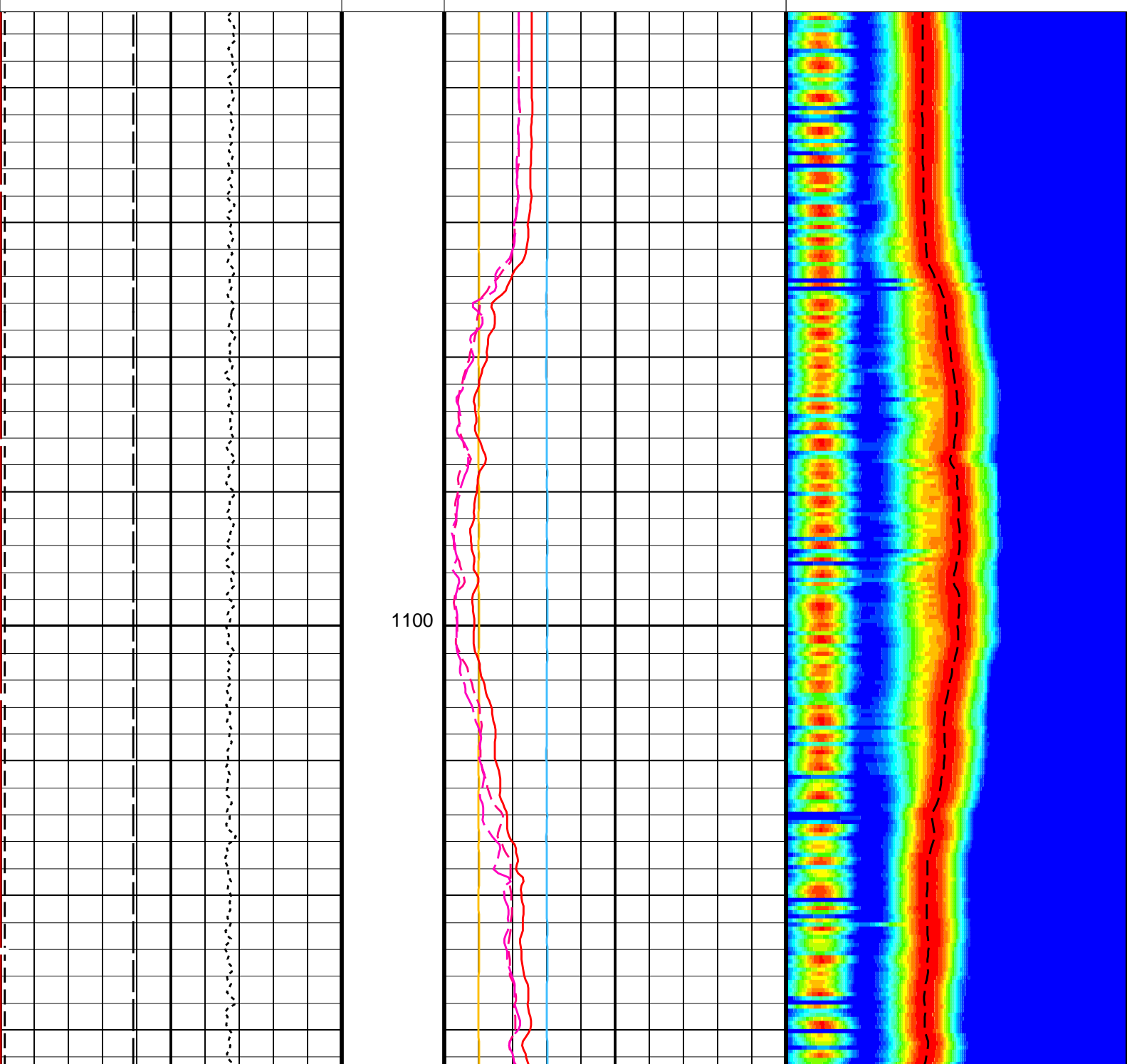
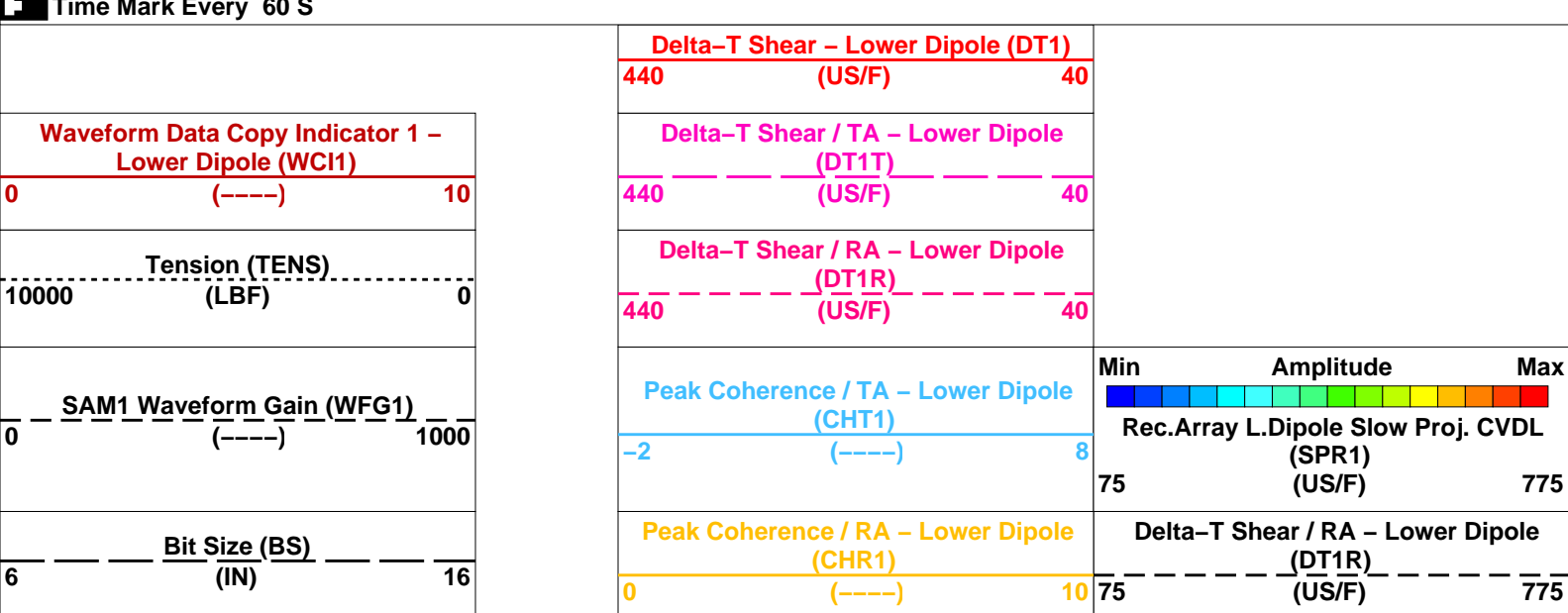
Vertical Scale: 1:200

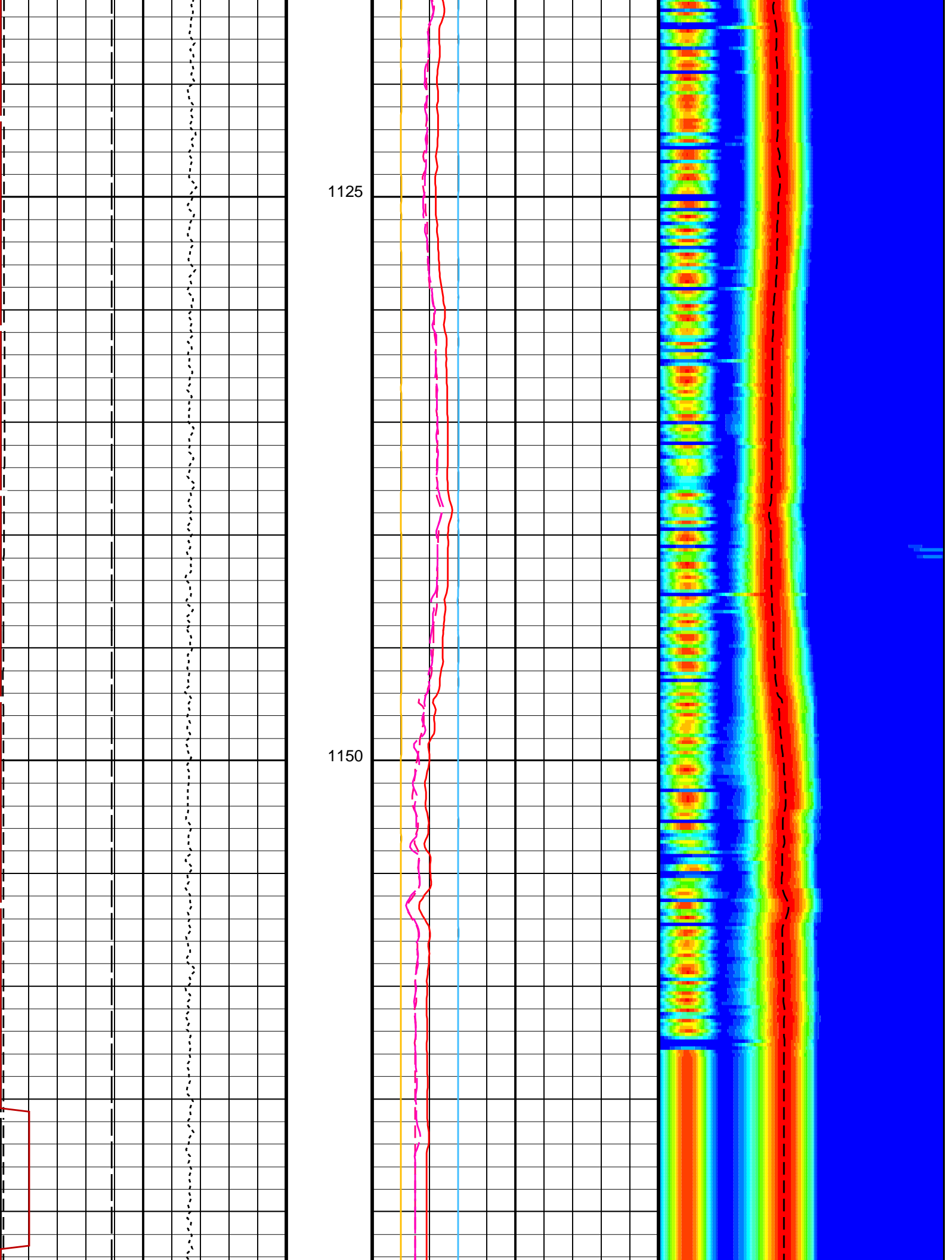
Graphics File Created: 29-Sep-2023 23:27

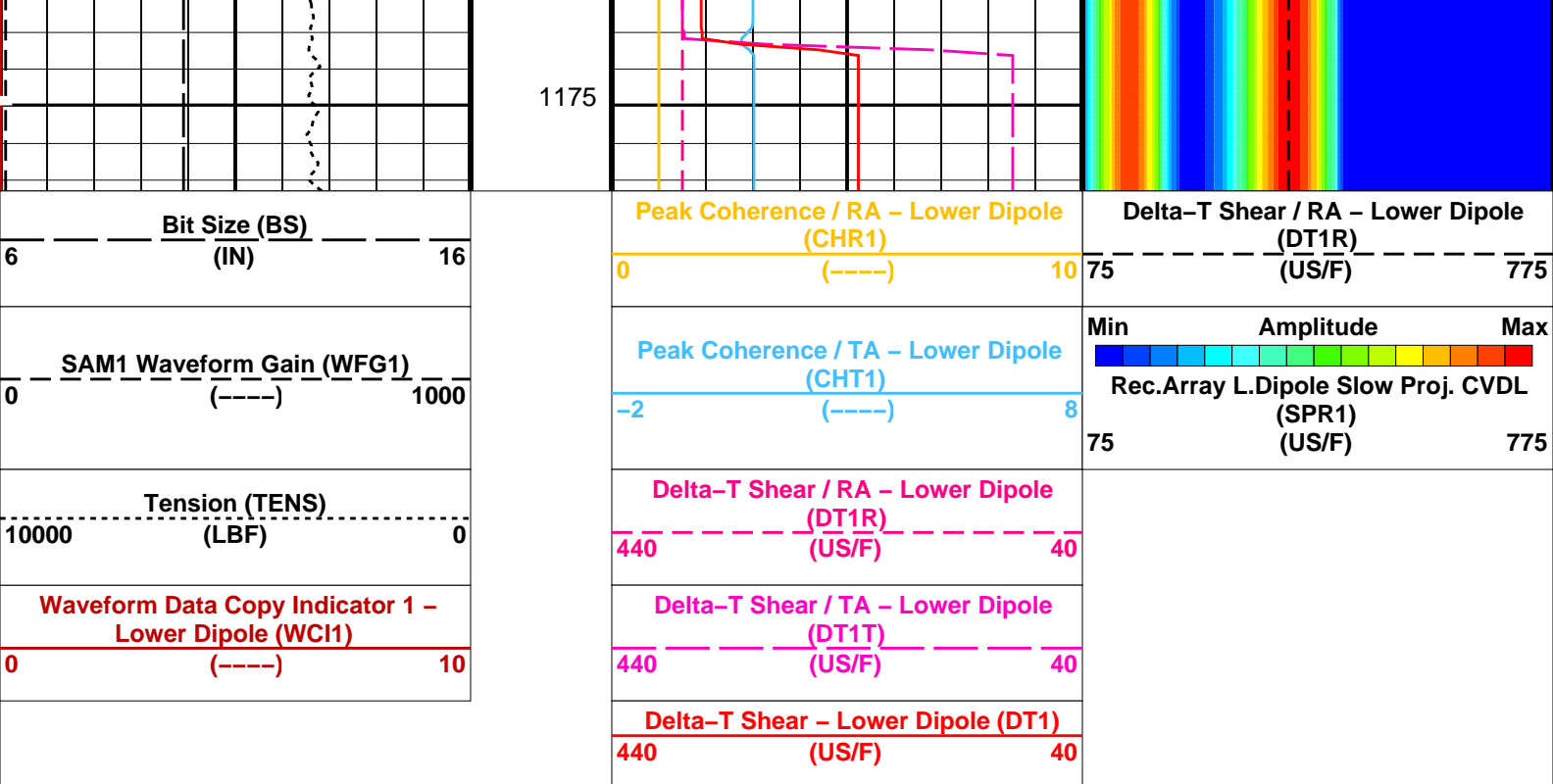
OP System Version: 19C0–187			
MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

Output DLIS Files			
DEFAULT	MSS_LDEO_DSI_HRLA_007LUP	FN:5	PRODUCER 29-Sep-2023 23:27

Company: International Ocean Discovery Program				Well: Expedition 400, Site U1608A	
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_007LUP	FN:5	PRODUCER	29-Sep-2023 23:27	1177.3 M 1077.1 M
OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	DSST-B	19C0-187		
HRLT-B	19C0-187	HLDS	19C0-187		
LDSC-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		







PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DSST-B: Dipole Shear Imager - B		
DDE1	Digitizing Delay 1	0 US
DDEX	Digitizing Delay X	0 US
DLCS	Label Compressional Source - Dipole Shear	USE
DSHL	Label Slowness Lower Limit - Dipole Shear	300 US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	775 US/F
DSI1	Digitizer Sample Interval 1	40 US
DSIX	Digitizer Sample Interval X	40 US
DTCS	Compressional Delta-T Source for DTCO Channel	PS_COMP
DWC1	Digitizer Word Count 1	512
DWCX	Digitizer Word Count X	512
LTXG	Lower Dipole Transmitter Geometry	156 IN
NWI1	Number Waveform Items 1	8
NWIX	Number Waveform Items X	0
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	EVEN
SAMX	DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert	OFF
SAS1	STC Sonic Array Status - Lower Dipole	255
SBO1	STC Search Band Offset - Lower Dipole	3000 US
SBW1	STC Search Bandwidth - Lower Dipole	8000 US
SFC1	STC Formation Character - Lower Dipole	SELECTABLE
SFM1	STC Filter - Lower Dipole	B1-3K
SLL1	STC Slowness Lower Limit - Lower Dipole	75 US/F
SST1	STC Slowness Step - Lower Dipole	4 US/F
SSW1	STC Source Waveform - Lower Dipole	WF_SAM1
SUL1	STC Slowness Upper Limit - Lower Dipole	775 US/F
SWD1	STC Slowness Width - Lower Dipole	40 US/F
TBF1	STC Time for Baseline Fill - Lower Dipole	0 US
TLL1	STC Time Lower Limit - Lower Dipole	600 US
TST1	STC Time Step - Lower Dipole	200 US
TUL1	STC Time Upper Limit - Lower Dipole	15912.5 US
TWD1	STC Time Width - Lower Dipole	2000 US
TWI1	STC Integration Time Window - Lower Dipole	1600 US
TWSX	Transmitter Waveform Select X	0
WFM1	Waveform Mode 1	W1

System and Miscellaneous

BS

System and Miscellaneous

Bit Size

9.875

IN

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 29-Sep-2023 23:27

OP System Version: 19C0-187

MSS_LDEO-A 19C0-187 DSST-B 19C0-187

HRLT-B 19C0-187 HLDS 19C0-187

LDSC-B 19C0-187 HNGC-B 19C0-187

HNGS-BA 19C0-187 EDTC-B 19C0-187

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_007LUP FN:5 PRODUCER 29-Sep-2023 23:27

Company: International Ocean Discovery Program Well: Expedition 400, Site U1608A

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_007LUP FN:5 PRODUCER 29-Sep-2023 23:27 1177.3 M 1077.1 M

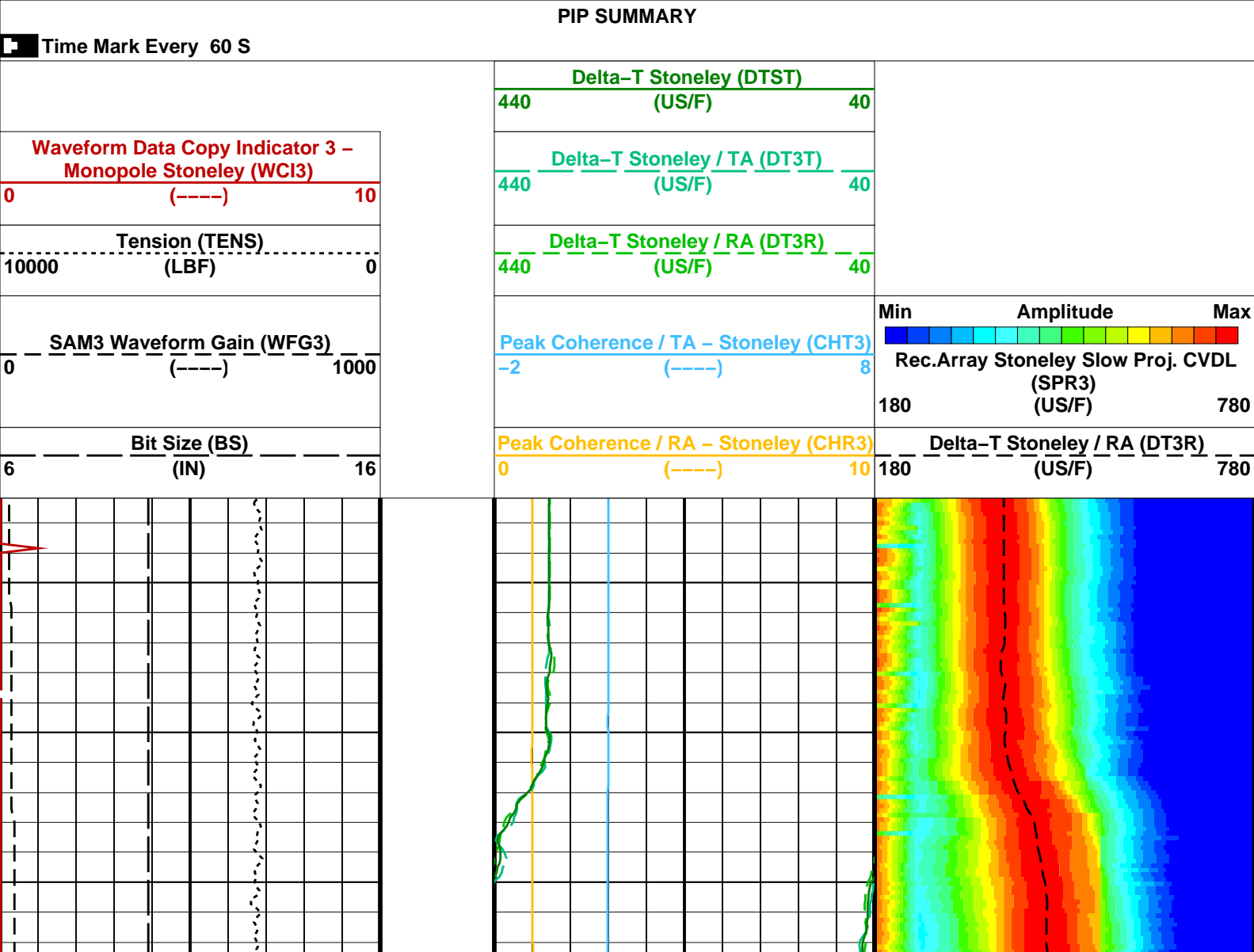
OP System Version: 19C0-187

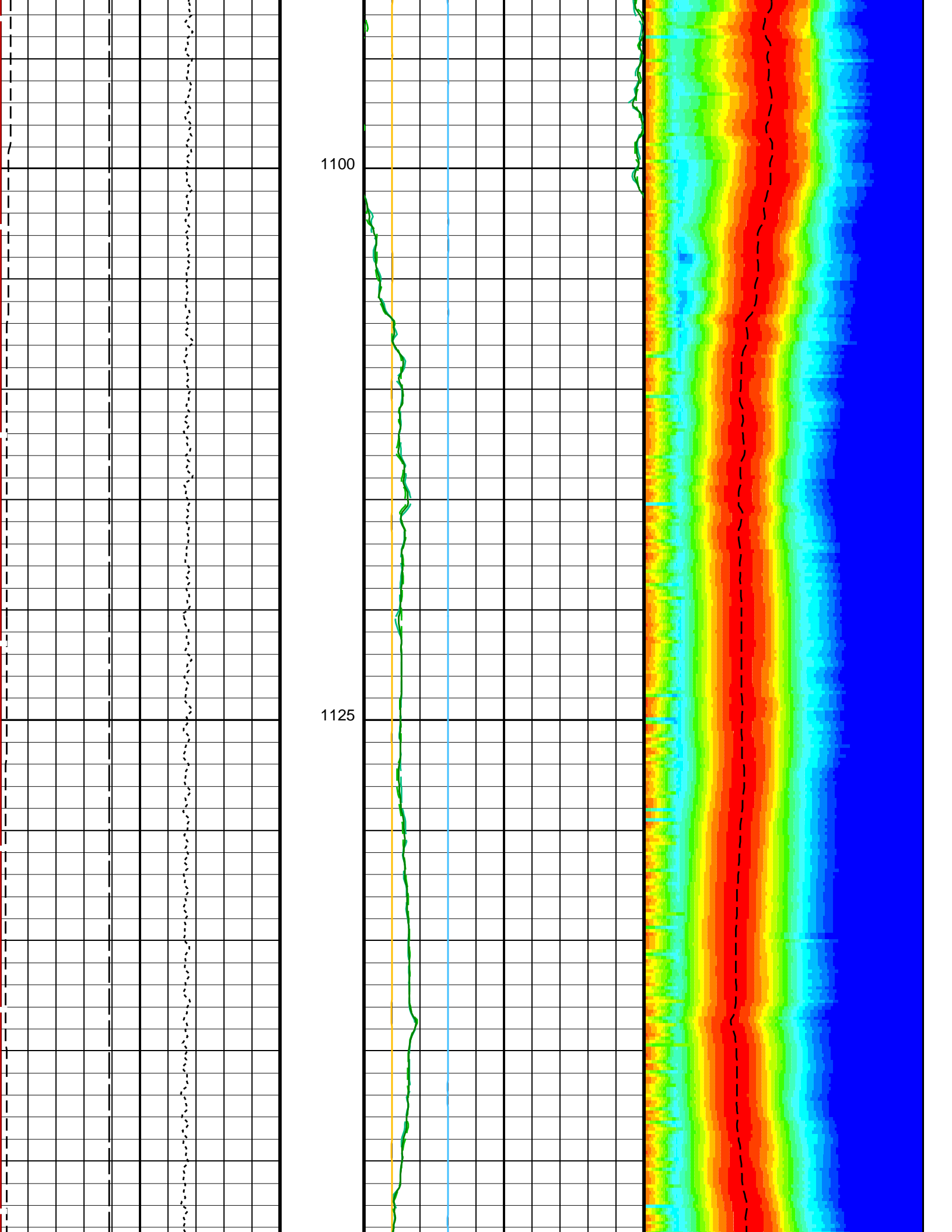
MSS_LDEO-A 19C0-187 DSST-B 19C0-187

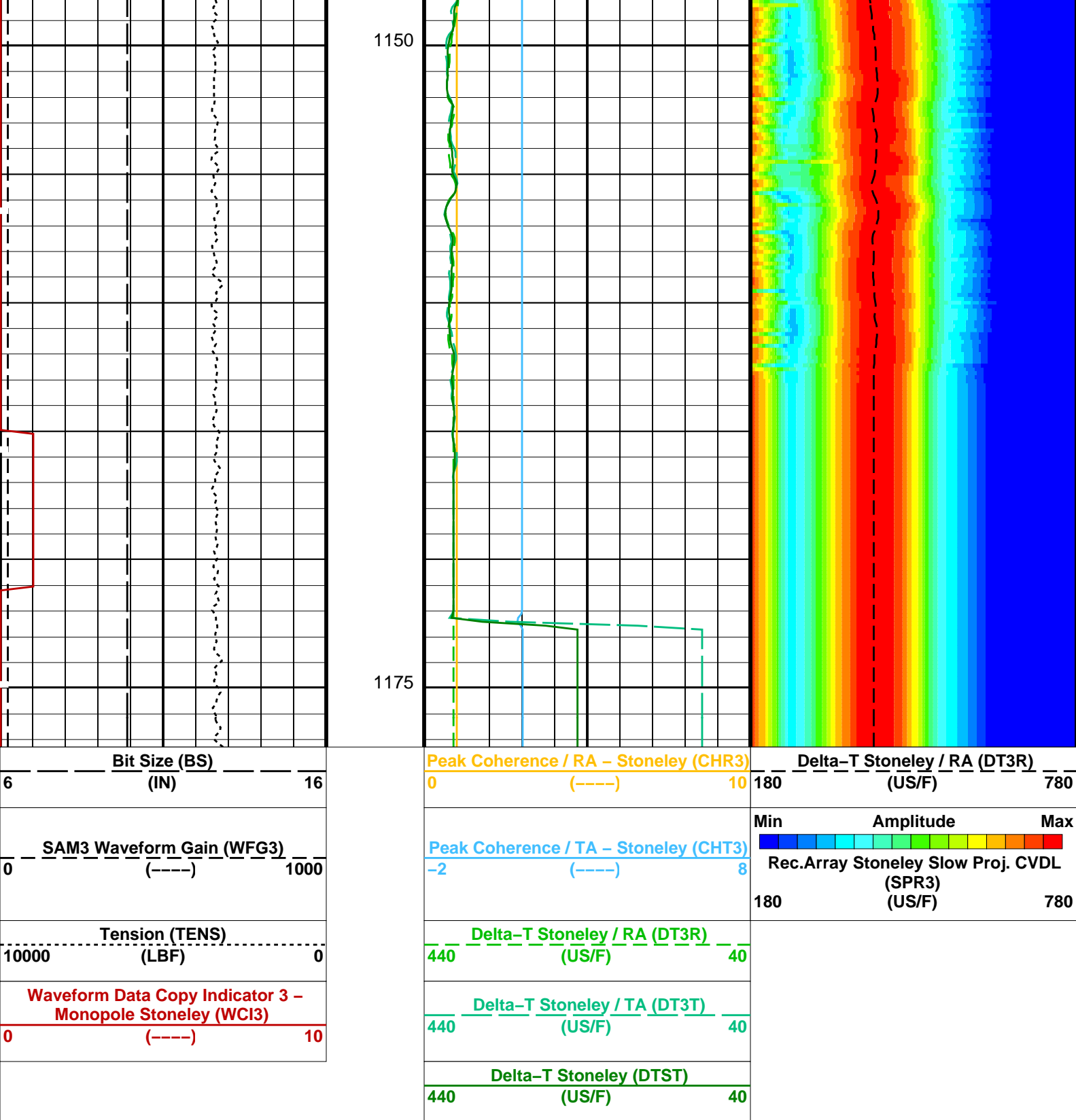
HRLT-B 19C0-187 HLDS 19C0-187

LDSC-B 19C0-187 HNGC-B 19C0-187

HNGS-BA 19C0-187 EDTC-B 19C0-187

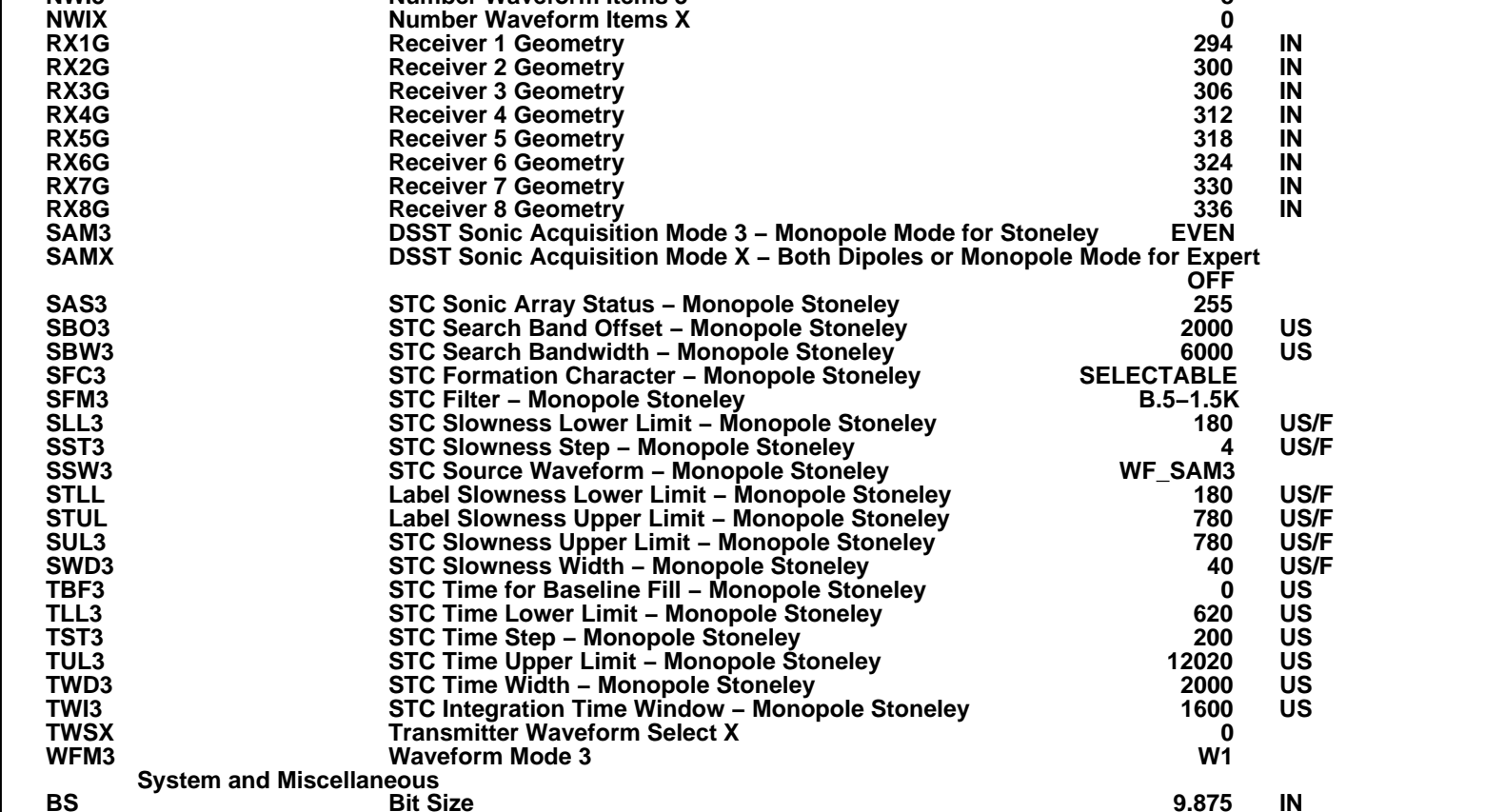


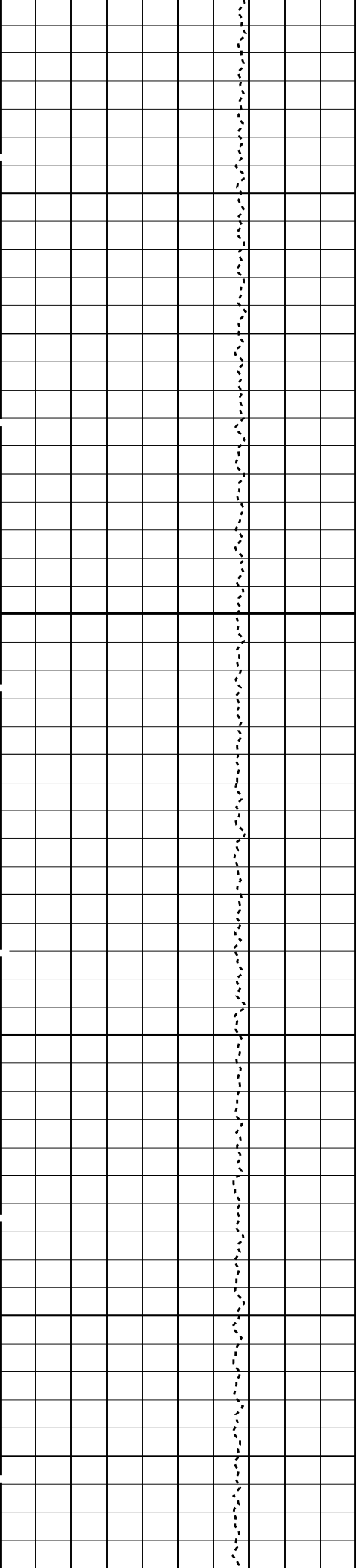




Time Mark Every 60 S

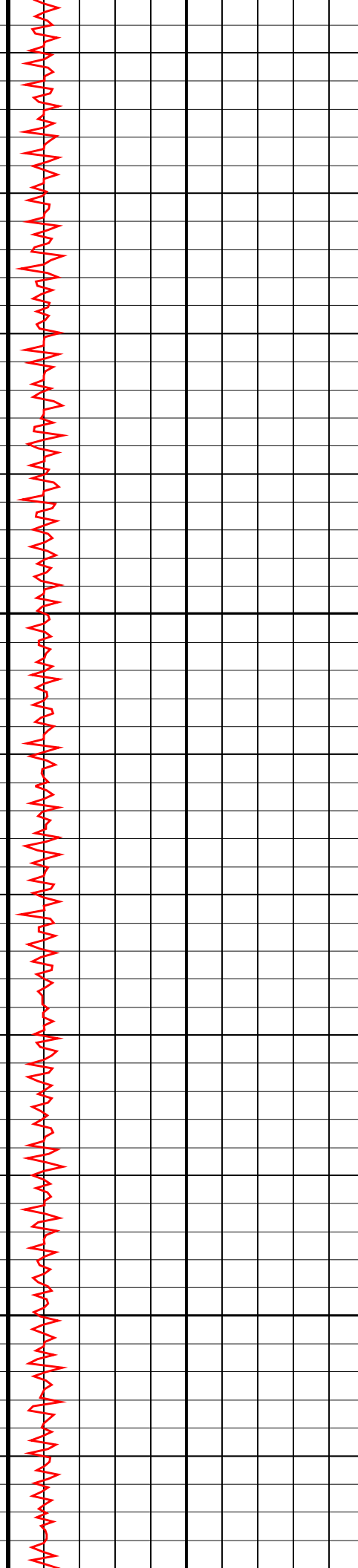
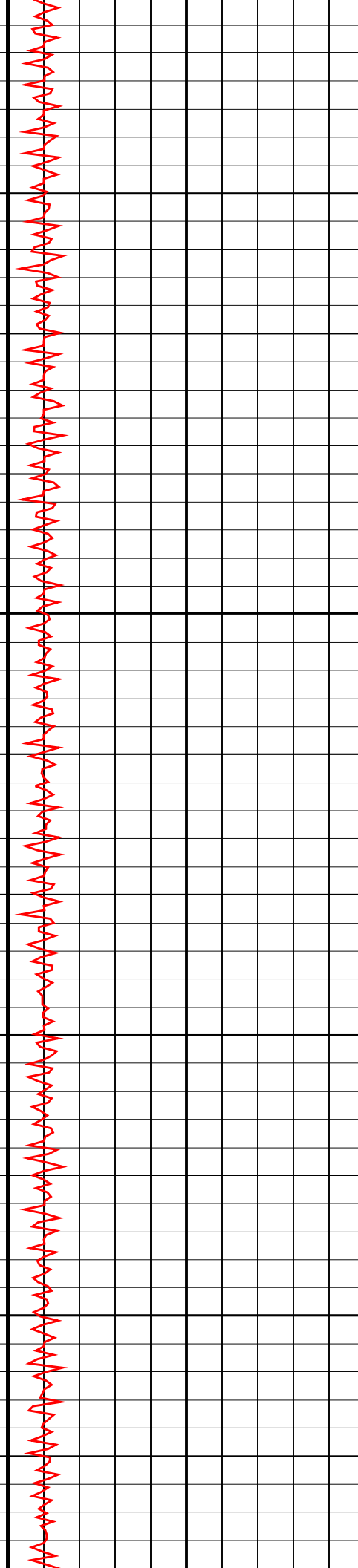
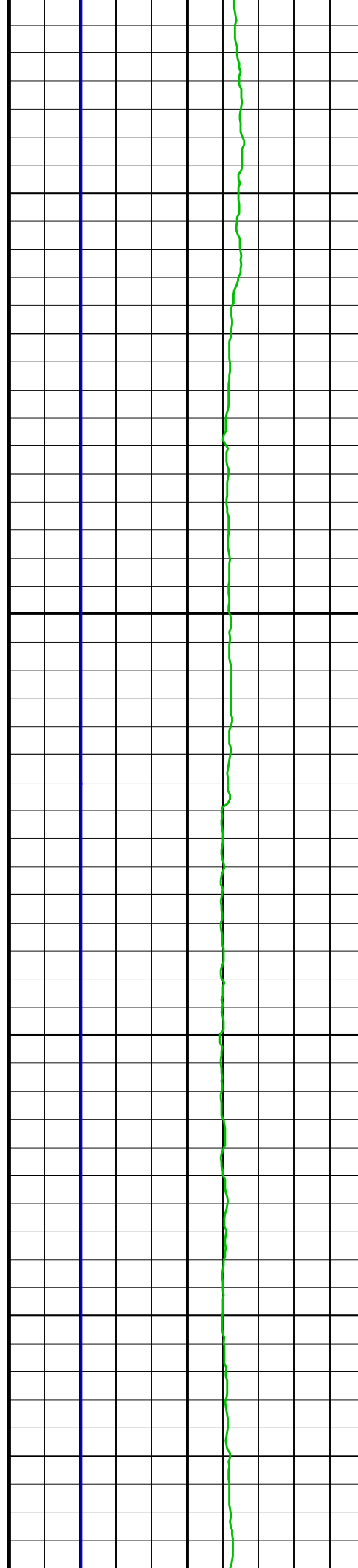
Parameters			
DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE3	Digitizing Delay 3	0	US
DDEX	Digitizing Delay X	0	US
DSI3	Digitizer Sample Interval 3	40	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta-T Source for DTCO Channel	PS_COMP	
DWC3	Digitizer Word Count 3	512	
DWCX	Digitizer Word Count X	512	
MTXG	Monopole Transmitter Geometry	186	IN
NWI3	Number Waveform Items 3	8	

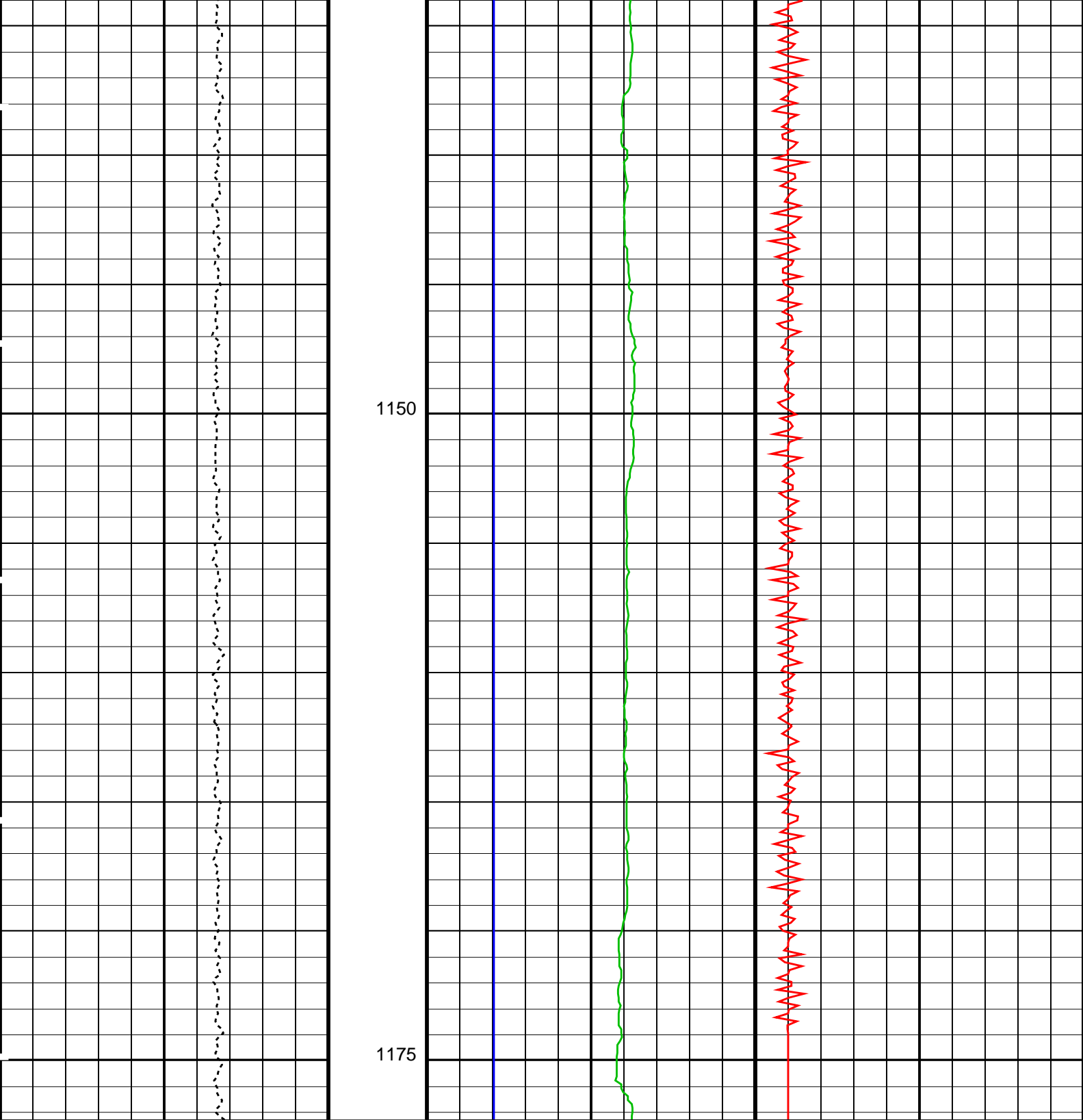




1100

1125





Tension (TENS) (LBF)		Axial Acceleration (MSSZACC_LDEO) (M/S2)	
10000	0	0	20
High-Res Susceptibility (MSSHUSUS_LDEO) (PPM)		Dual-Coil Susceptibility (MSSLUSUS_LDEO) (PPM)	
-10000	90000	-10000	90000

PIP SUMMARY

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187
Output DLIS Files			
DEFAULT	MSS_LDEO_DSI_HRLA_007LUP	FN:5	PRODUCER 29-Sep-2023 23:27



Main Pass

MAXIS Field Log

Company: International Ocean Discovery ProgramWell: Expedition 400, Site U1608A

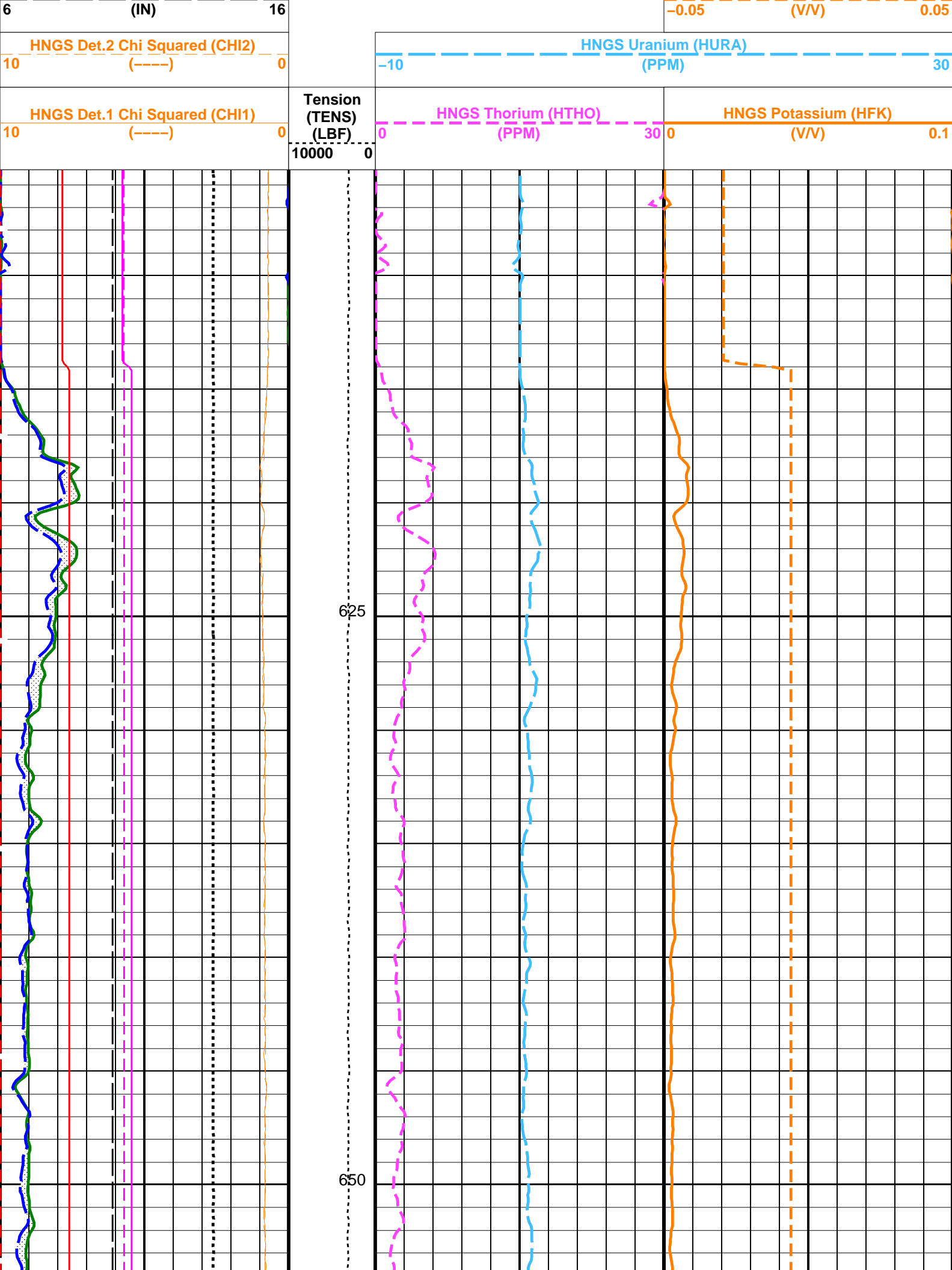
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_008LUP	FN:6	PRODUCER	29-Sep-2023 23:45	1177.3 M 605.3 M

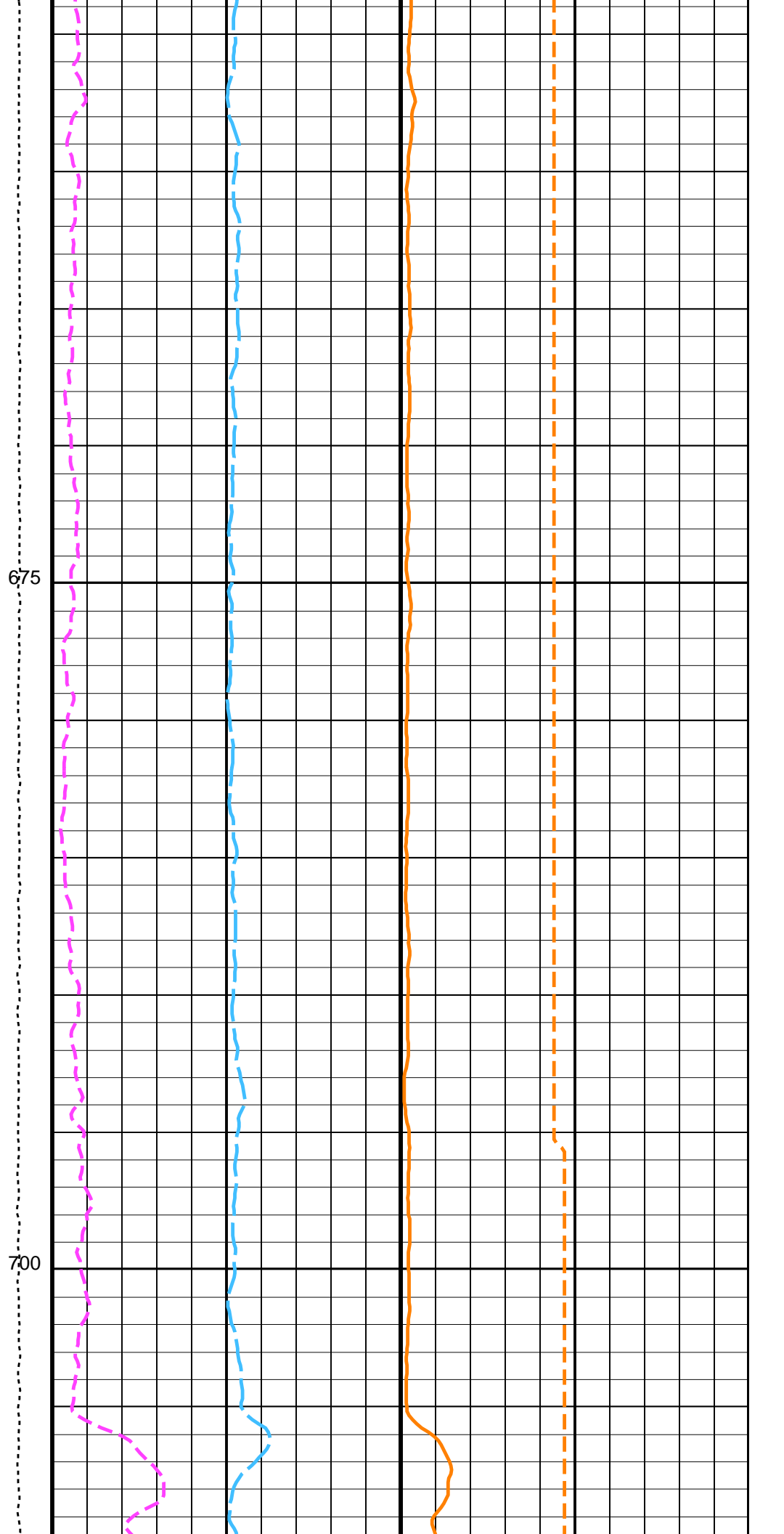
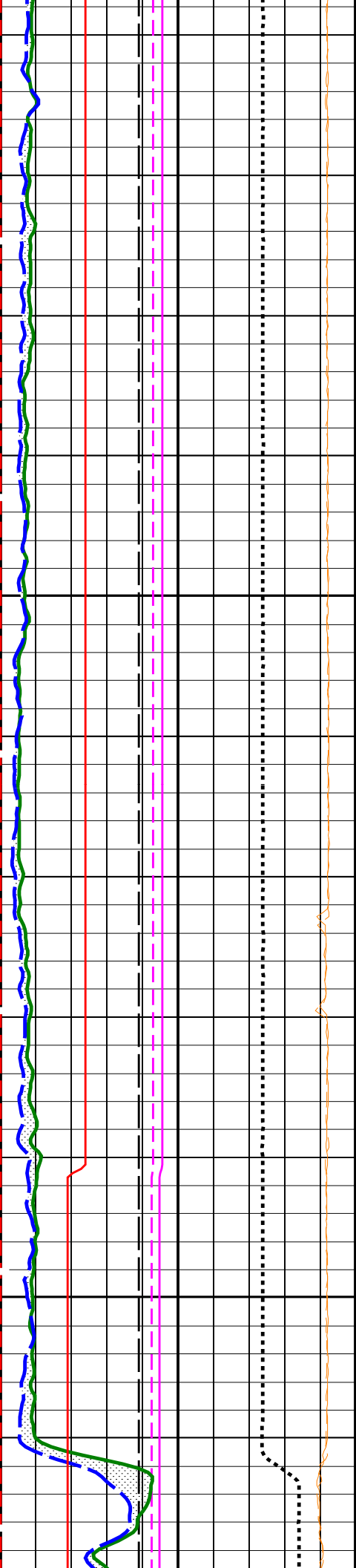
OP System Version: 19C0-187

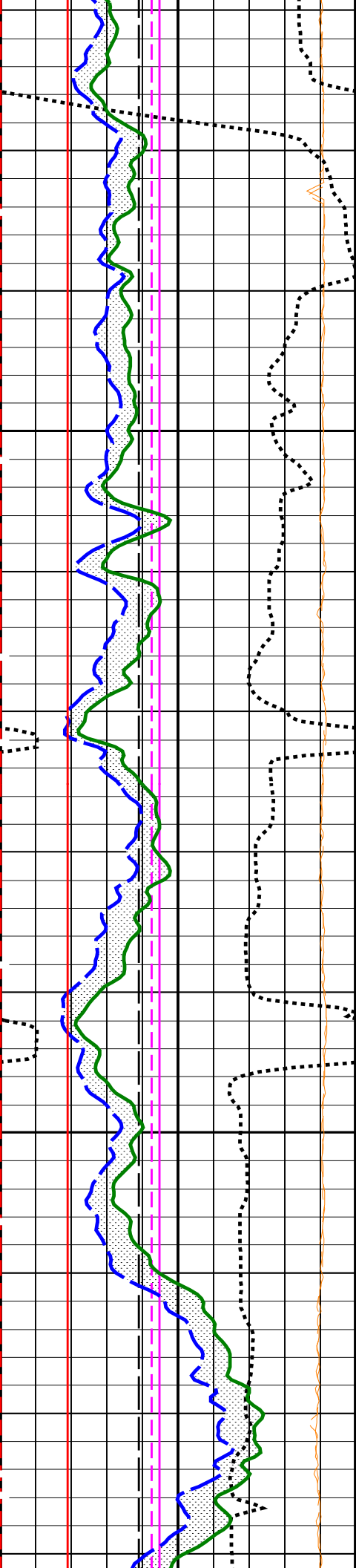
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

Time Mark Every 60 S		
HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	150
HNGS Det.2 Resolution Degradation Factor (RDF2)		
0	(----)	10
HNGS Det.1 Resolution Degradation Factor (RDF1)		
0	(----)	10
HNGS Det.2 Gain Correction Factor (GCF2)		
0.9	(----)	1.1
HNGS Det.1 Gain Correction Factor (GCF1)		
0.9	(----)	1.1
Area1 From HCGR to HSGR		
HNGS Computed Gamma Ray (HCGR)		
0	(GAPI)	150
Caliper (LCAL)		
6	(IN)	16
Bit Size (BS)		
HNGS Borehole Potassium (HBHK)		

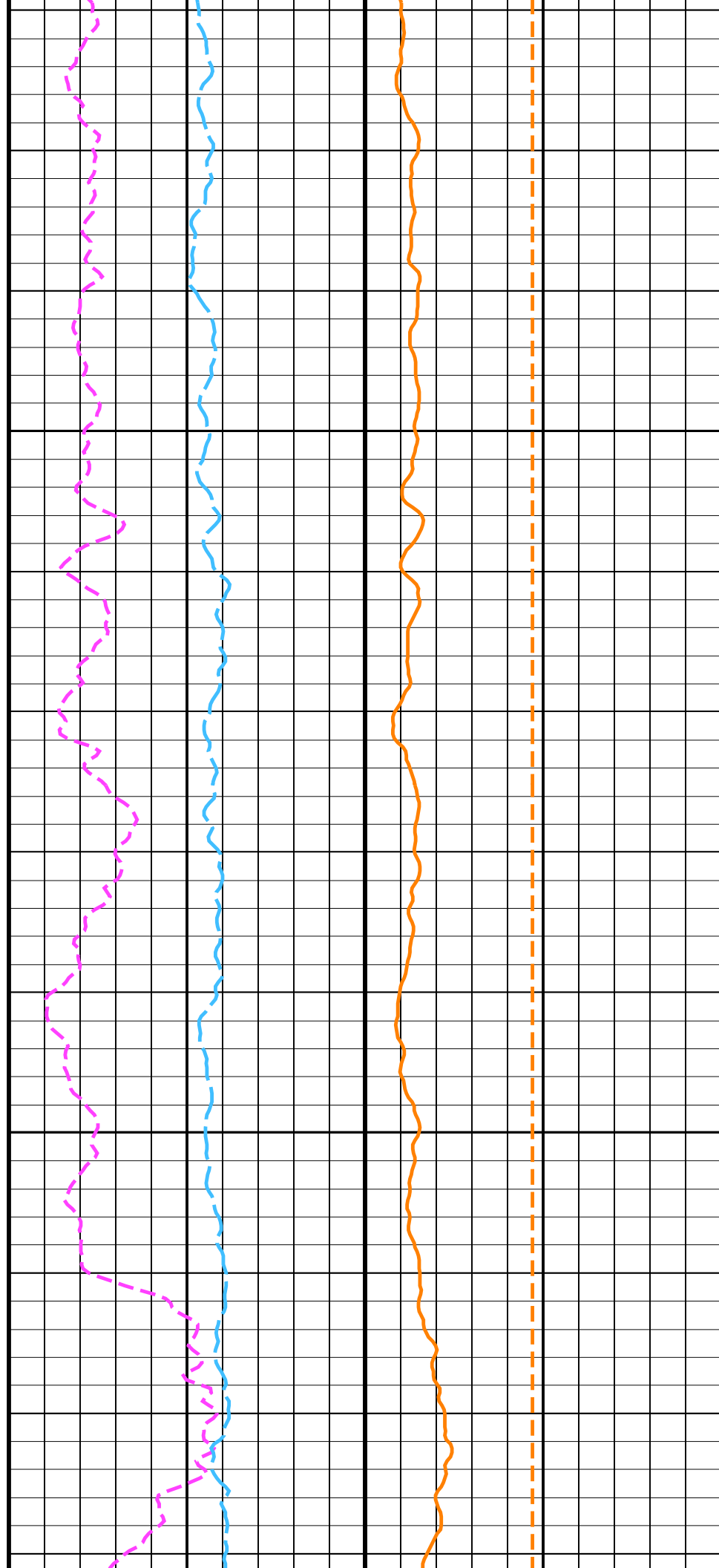


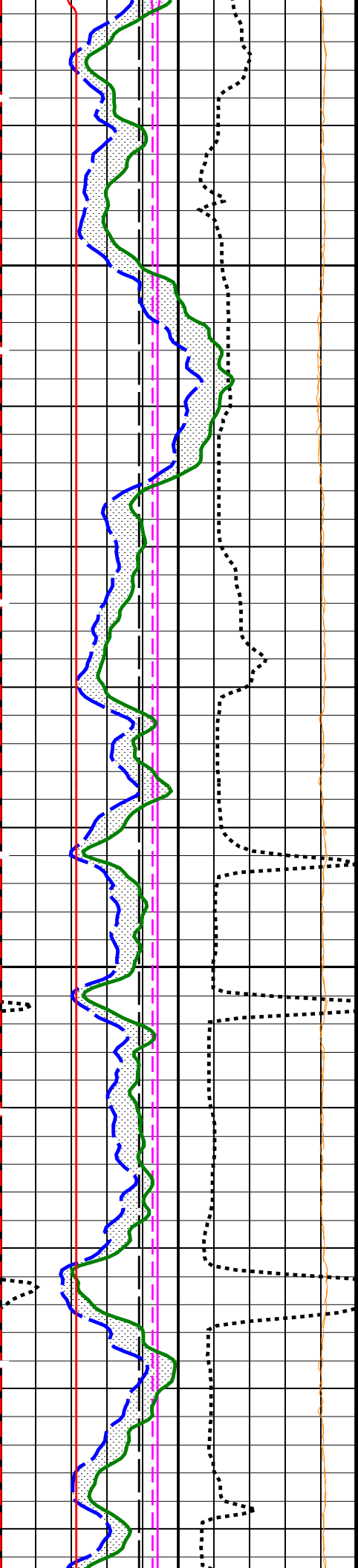




725

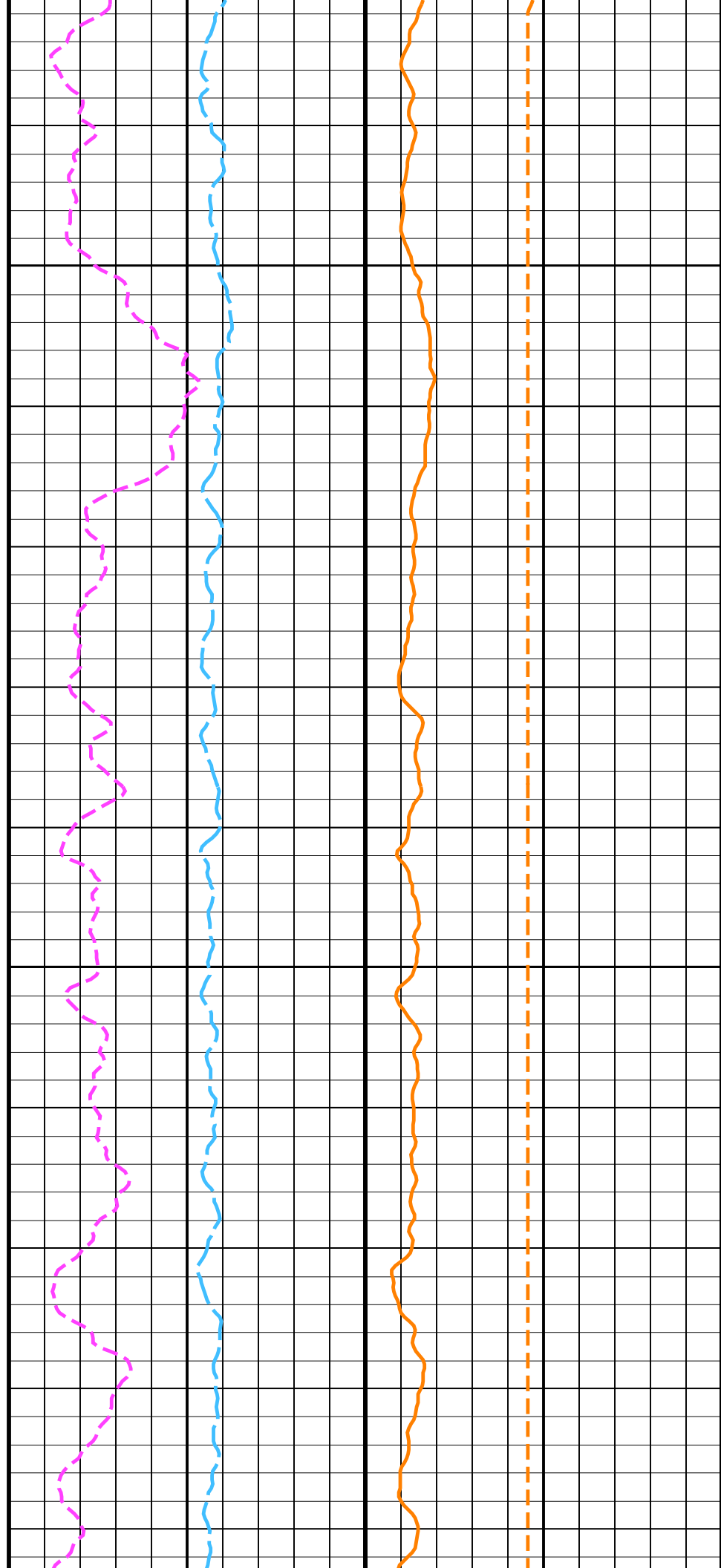
750

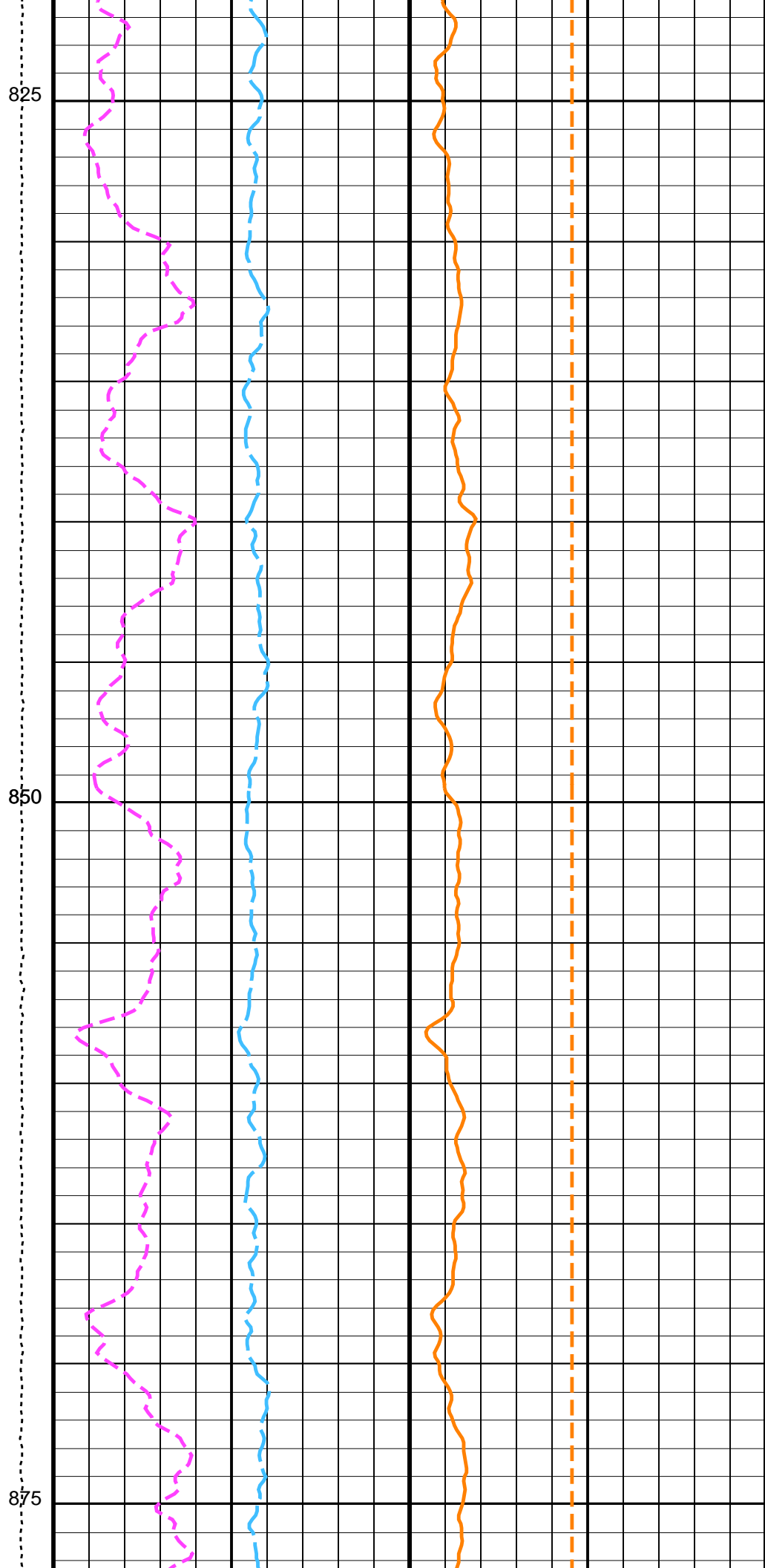
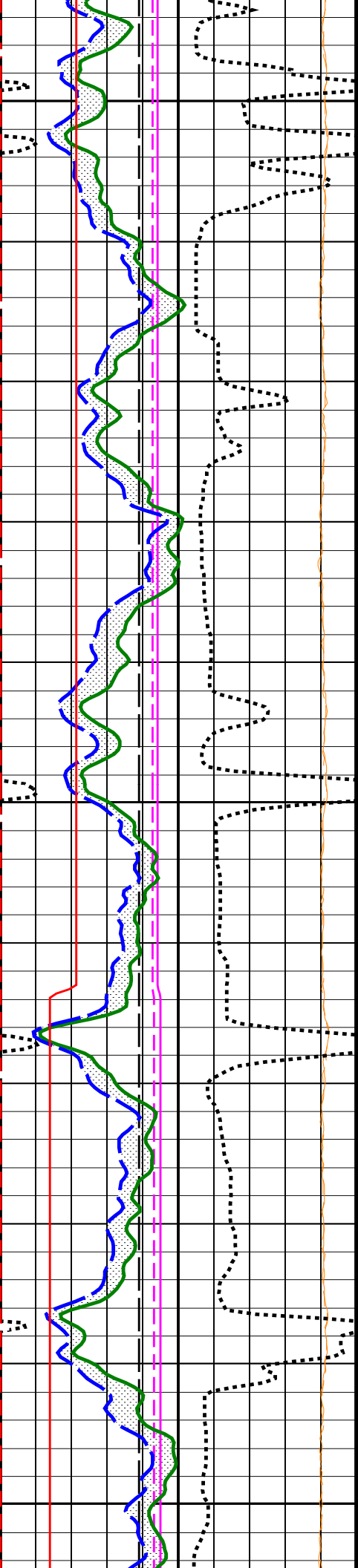


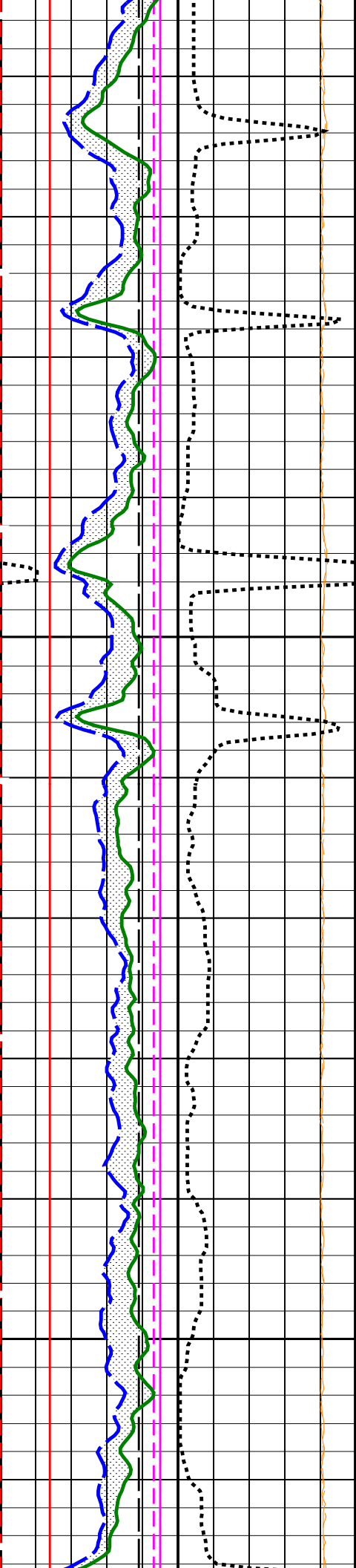


775

800

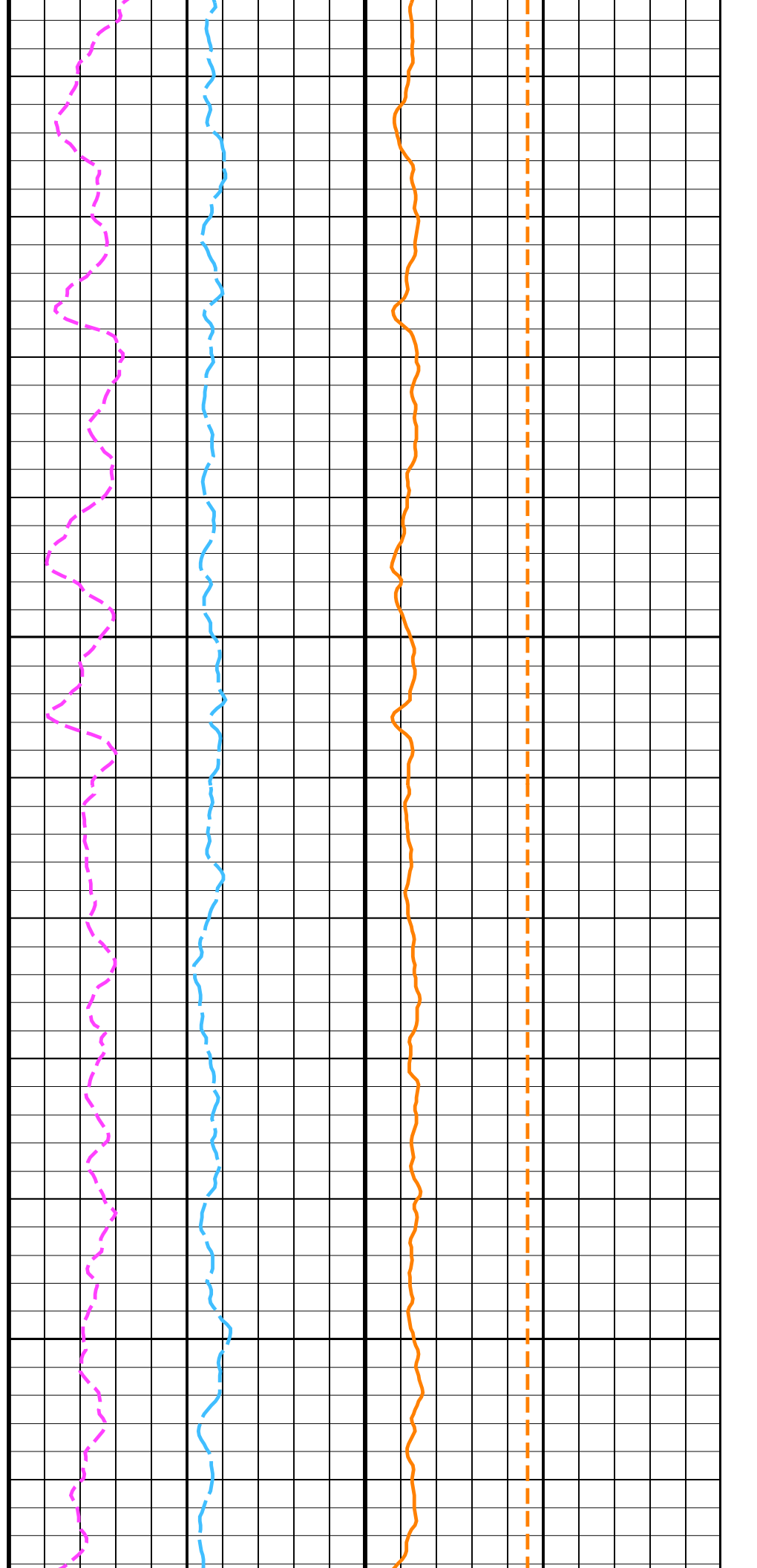


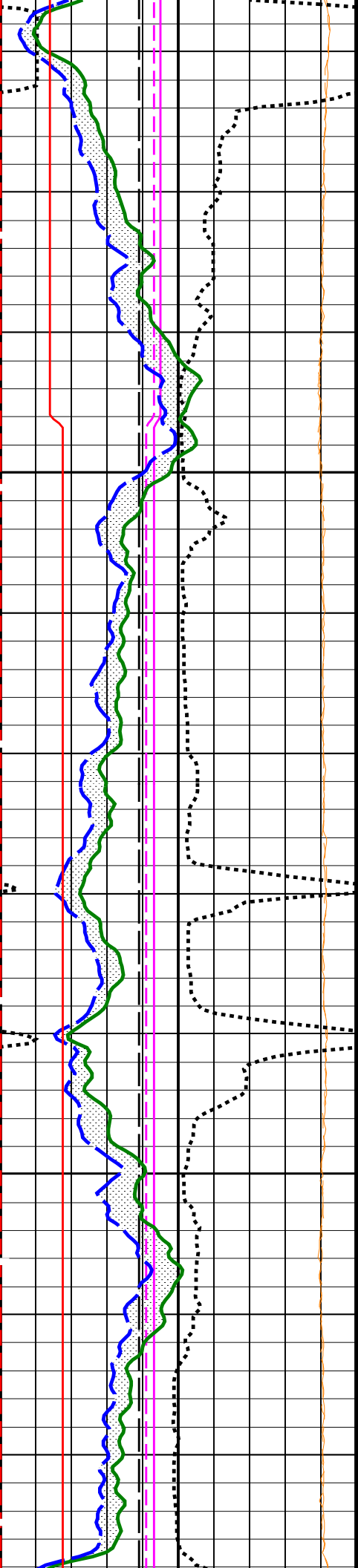




900

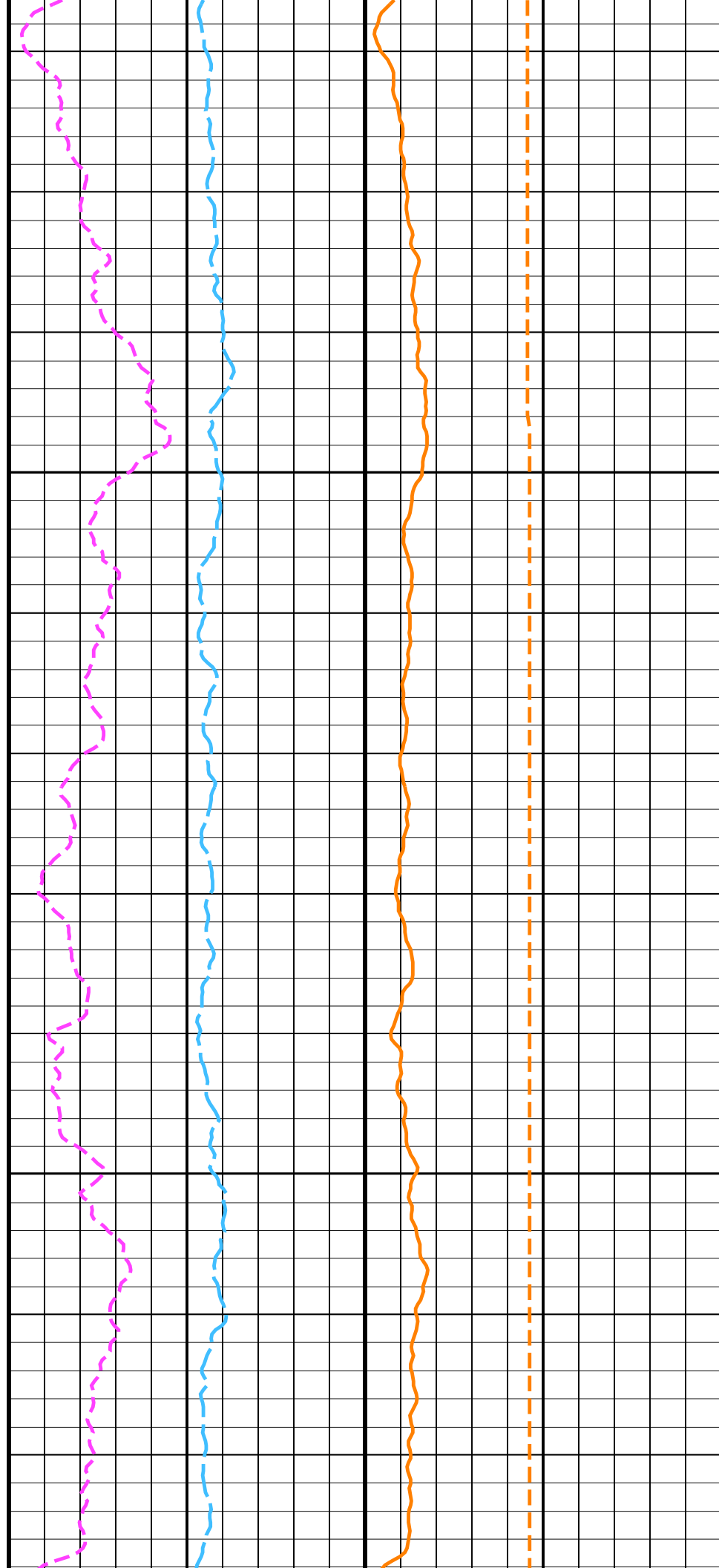
925

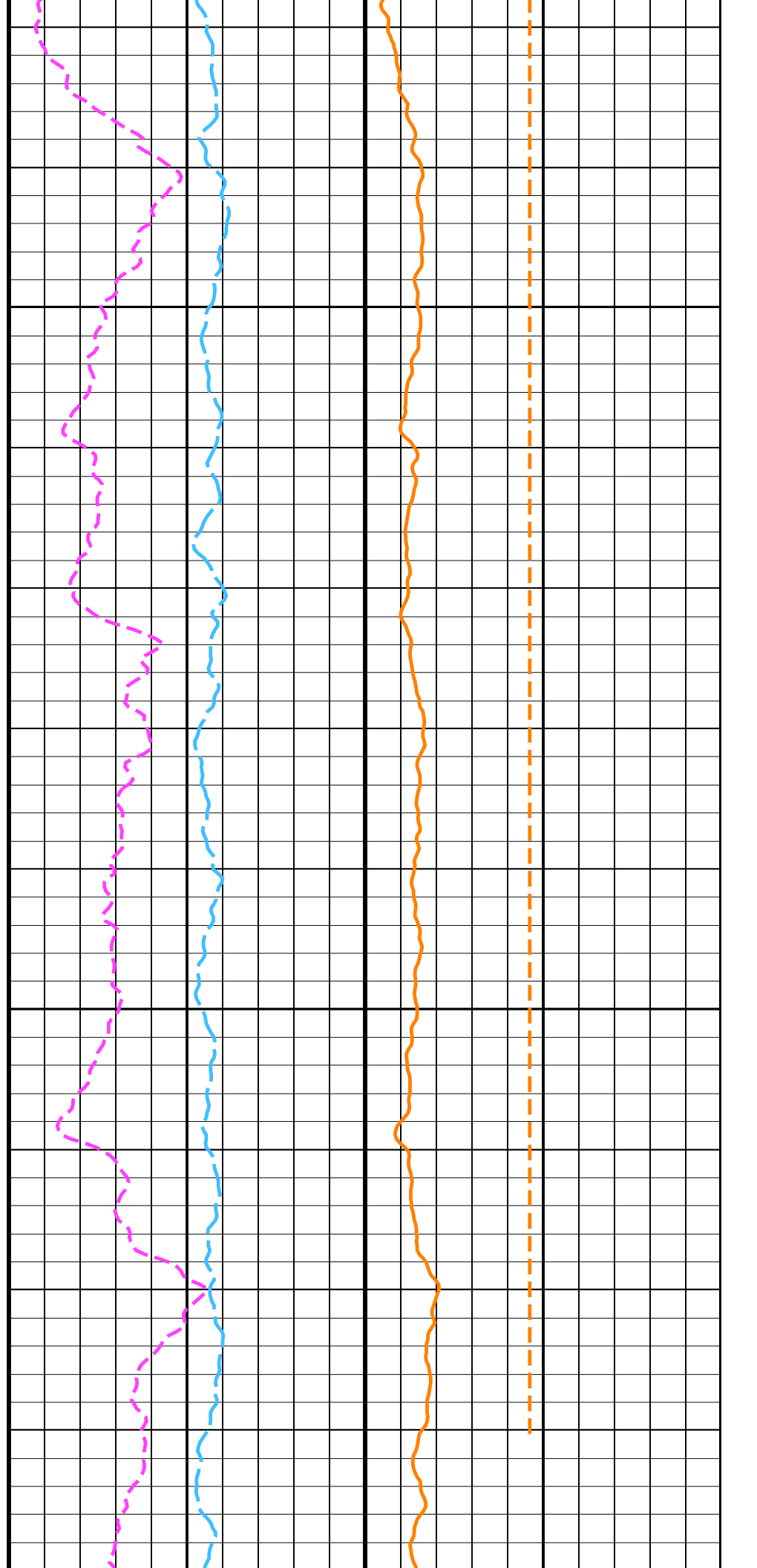
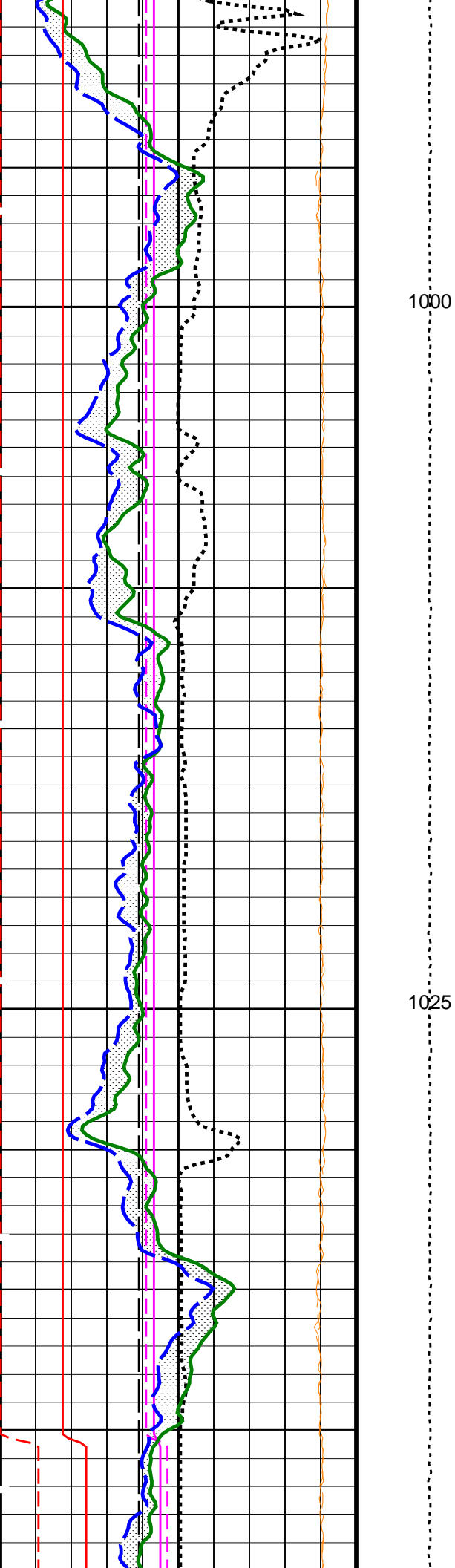


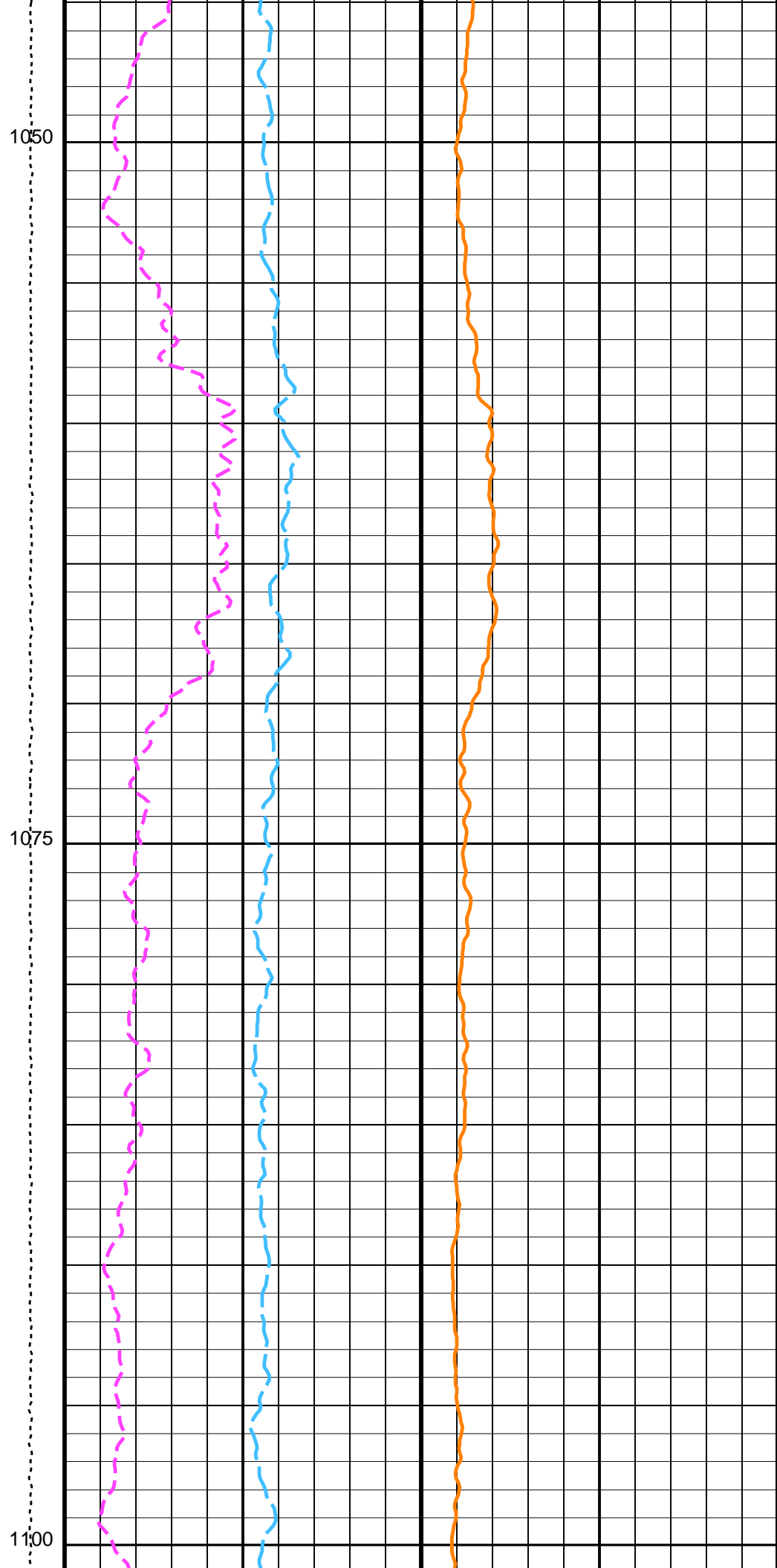
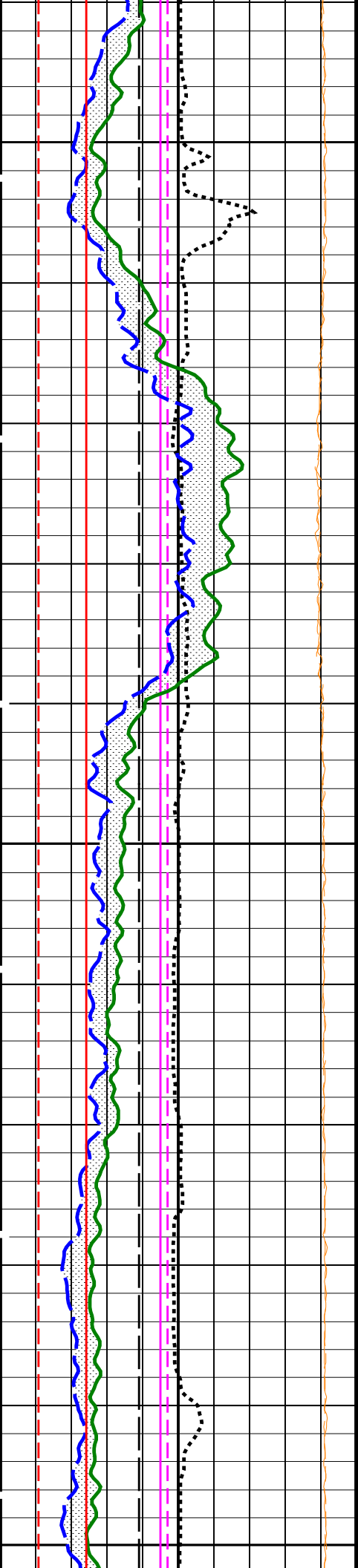


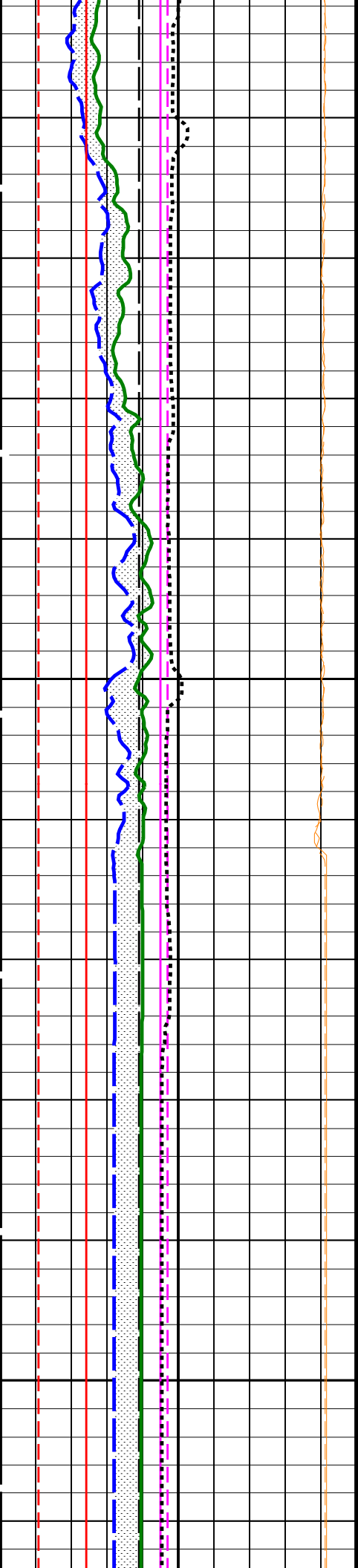
950

975



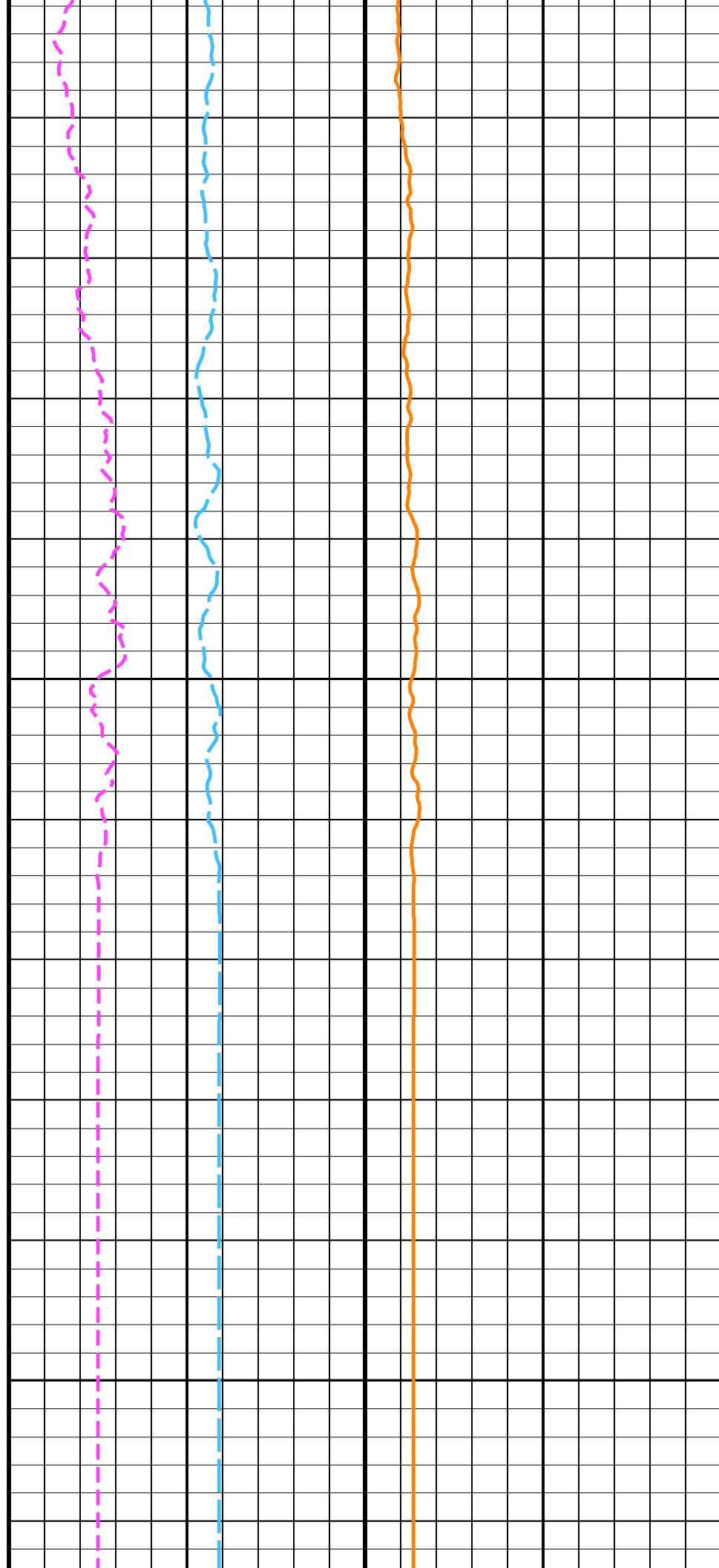


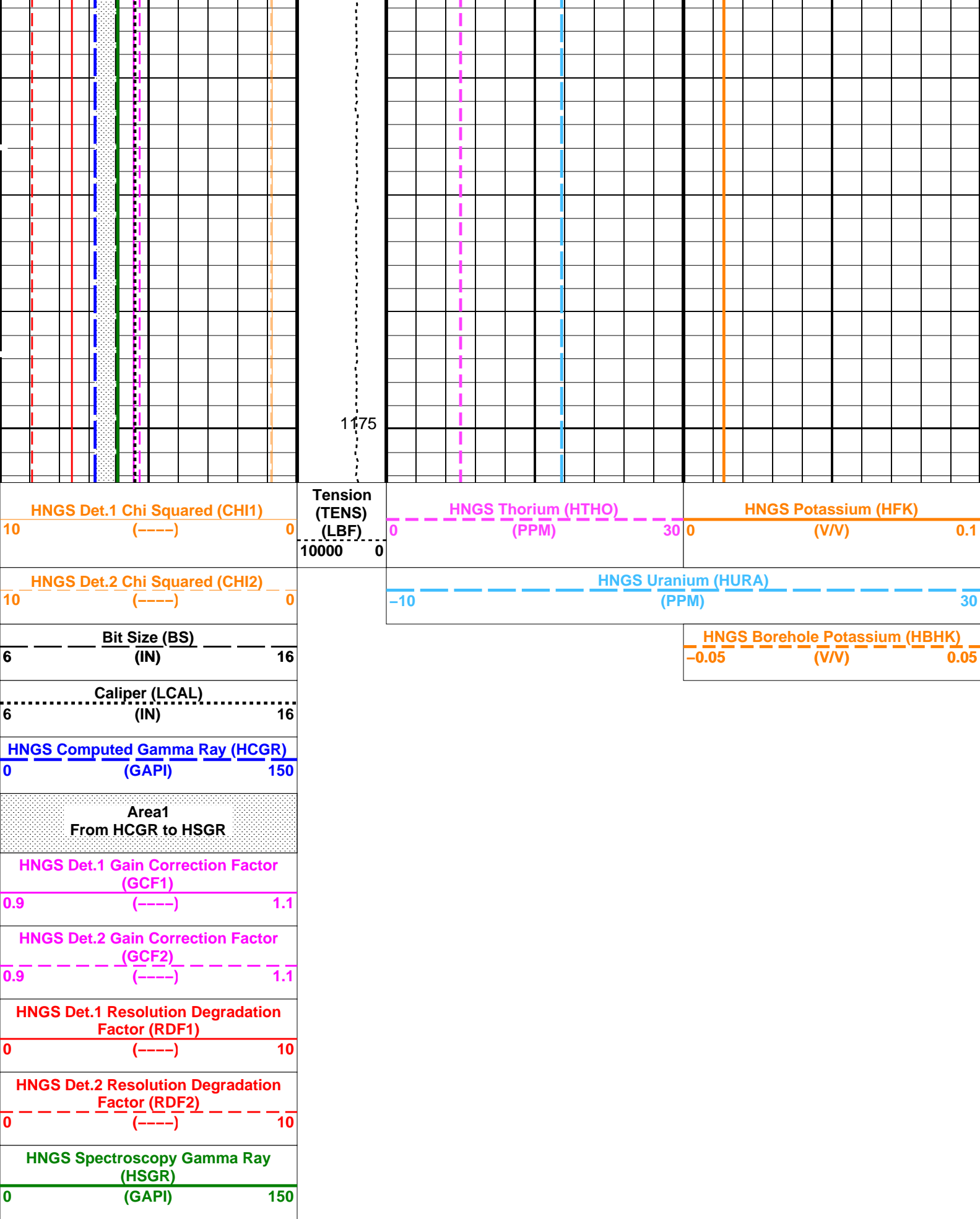




1125

1150





PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name		Description	Value	
DSST–B: Dipole Shear Imager – B				
BHS		Borehole Status	OPEN	
GCSE		Generalized Caliper Selection	LCAL	
HRLT–B: High Resolution Laterolog Array – B				
BHS		Borehole Status	OPEN	
GCSE		Generalized Caliper Selection	LCAL	
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	LCAL	
H1P		HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P		HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK		HNGS Borehole Potassium Running Average	–0.0183324	
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	ECCE	
VBA1		HNGS Detector 1 Variable Barite Factor Running Average	0.965032	
VBA2		HNGS Detector 2 Variable Barite Factor Running Average	0.961336	
EDTC–B: Enhanced DTS Cartridge				
BHS		Borehole Status	OPEN	
GCSE		Generalized Caliper Selection	LCAL	
System and Miscellaneous				
BS		Bit Size	9.875	IN
DFD		Drilling Fluid Density	9.00	LB/G

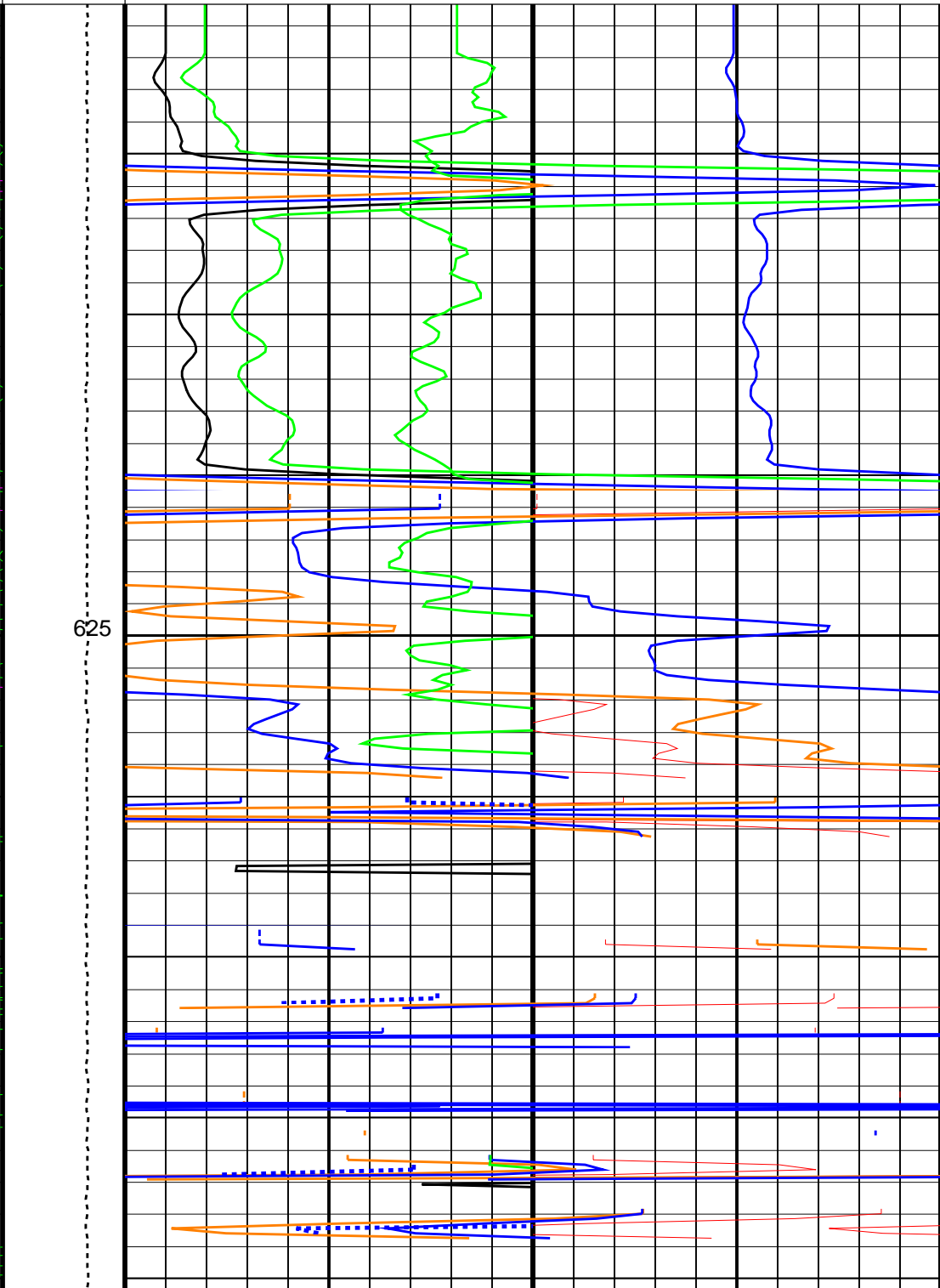
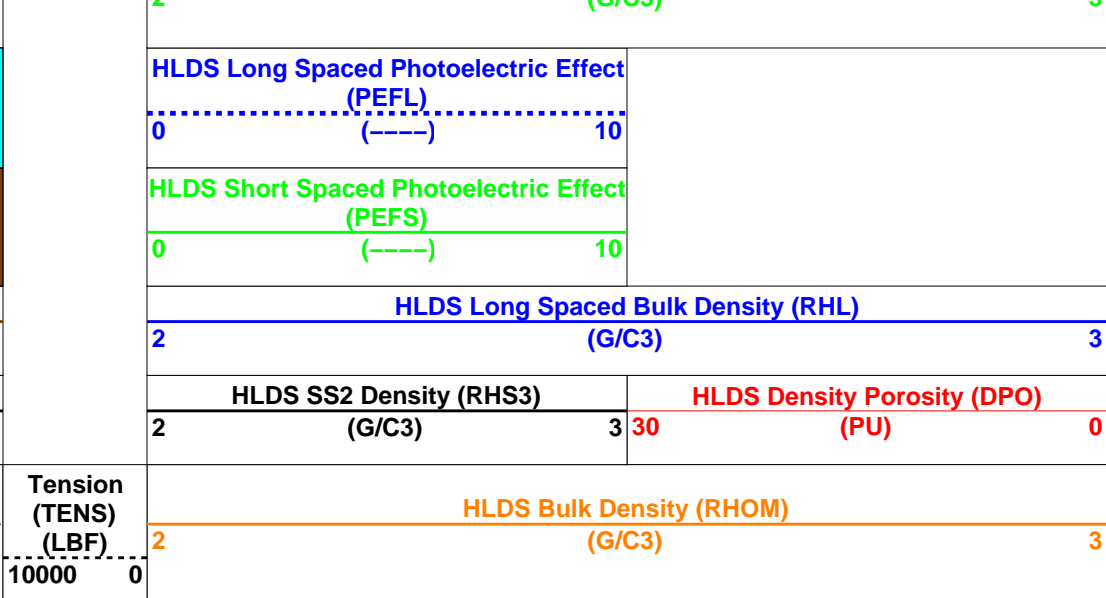
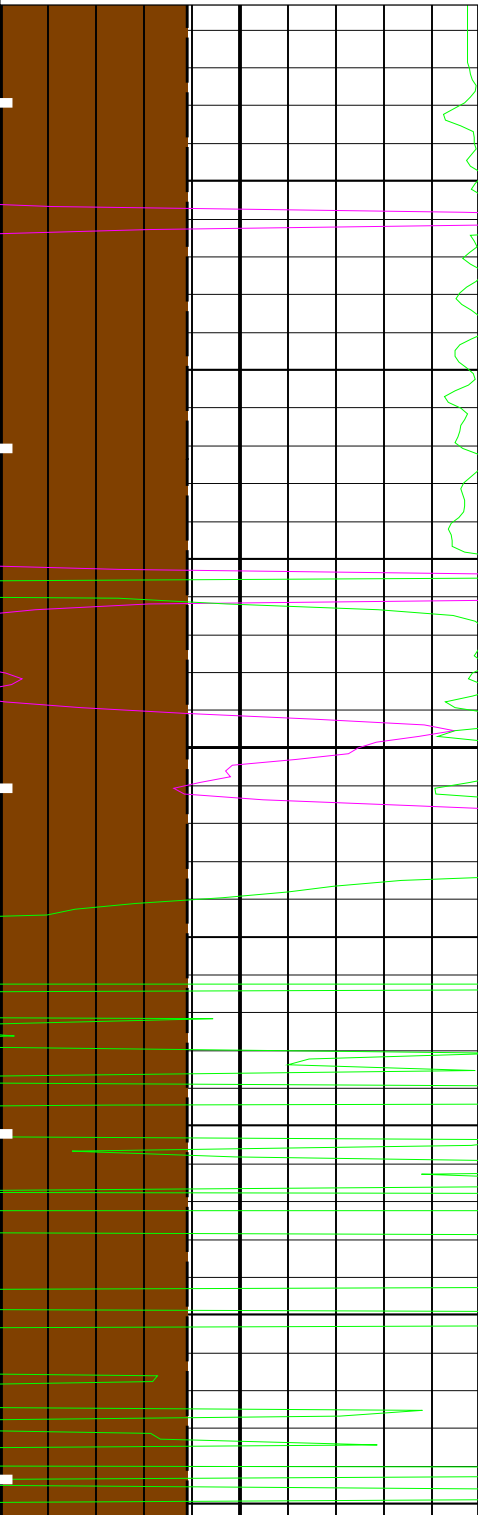
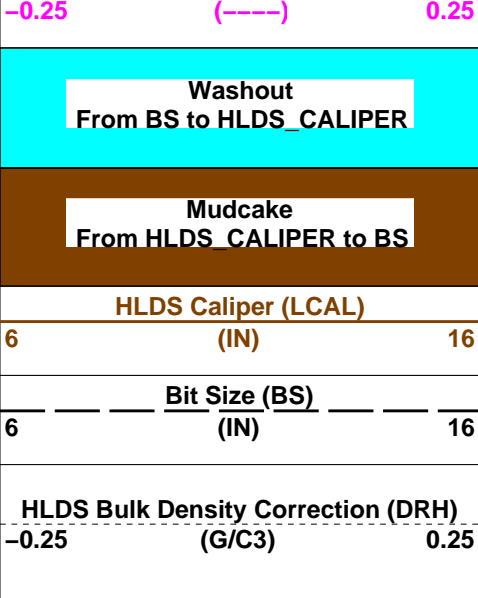
Format: HNGSYields

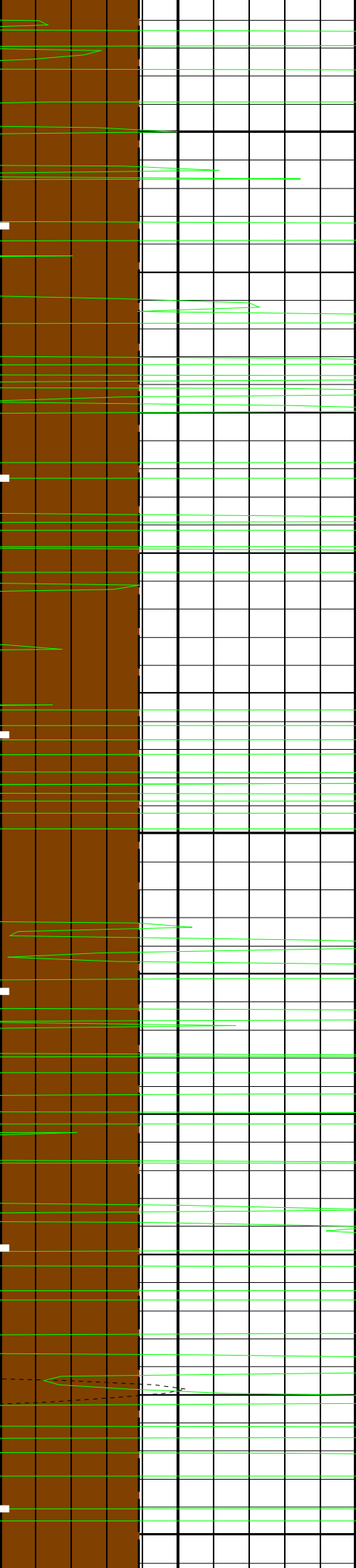
Vertical Scale: 1:200

Graphics File Created: 29–Sep–2023 23:46

OP System Version: 19C0–187					
MSS_LDEO–A	19C0–187	DSST–B	19C0–187		
HRLT–B	19C0–187	HLDS	19C0–187		
LDSC–B	19C0–187	HNGC–B	19C0–187		
HNGS–BA	19C0–187	EDTC–B	19C0–187		
Output DLIS Files					
DEFAULT	MSS_LDEO_DSI_HRLA_008LUP	FN:6	PRODUCER	29–Sep–2023 23:45	

Company: International Ocean Discovery Program				Well: Expedition 400, Site U1608A		
Output DLIS Files						
DEFAULT	MSS_LDEO_DSI_HRLA_008LUP	FN:6	PRODUCER	29-Sep-2023 23:45	1177.3 M	605.3 M
OP System Version: 19C0-187						
MSS_LDEO-A	19C0-187		DSST-B	19C0-187		
HRLT-B	19C0-187		HLDS	19C0-187		
LDSC-B	19C0-187		HNGC-B	19C0-187		
HNGS-BA	19C0-187		EDTC-B	19C0-187		
PIP SUMMARY						
<div><div><div></div></div><div>Time Mark Every 60 S</div></div>						
HLDS Long Spacing Quality Indicator (LQLS)						
-0.25 (-----) 0.25						
HLDS Short Spacing Quality Indicator (LQSS)		HLDS Short Spaced Bulk Density (RHS)				
		2 (G/C3) 3				

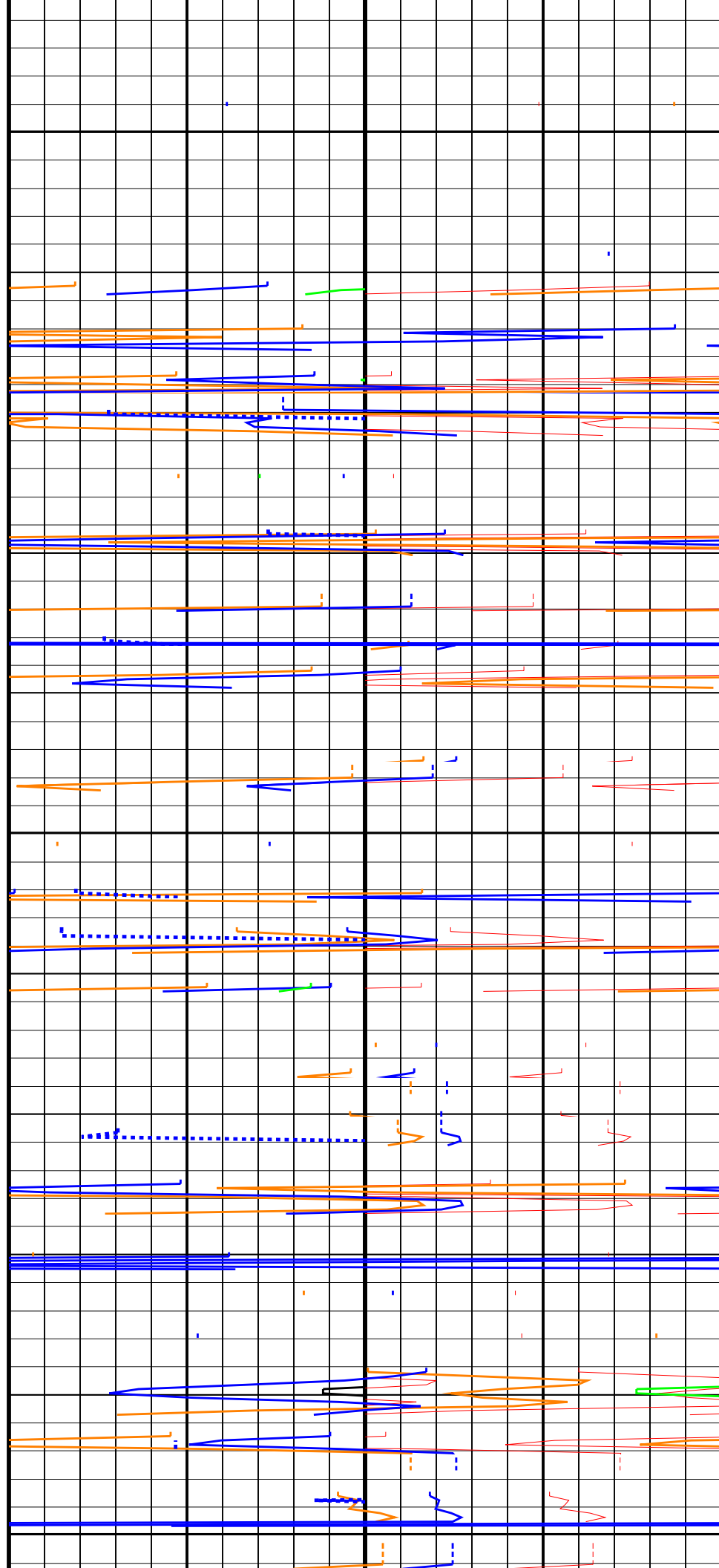


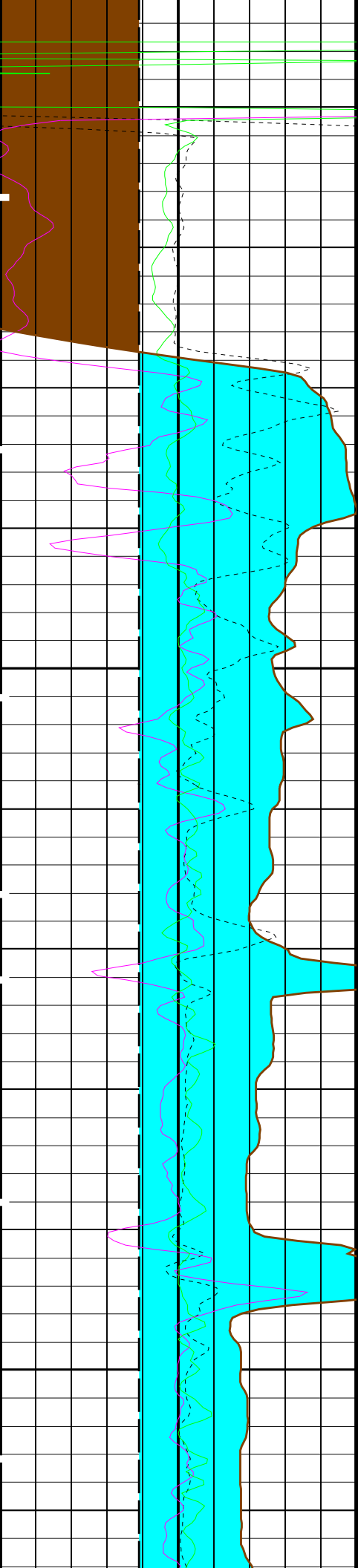


650

675

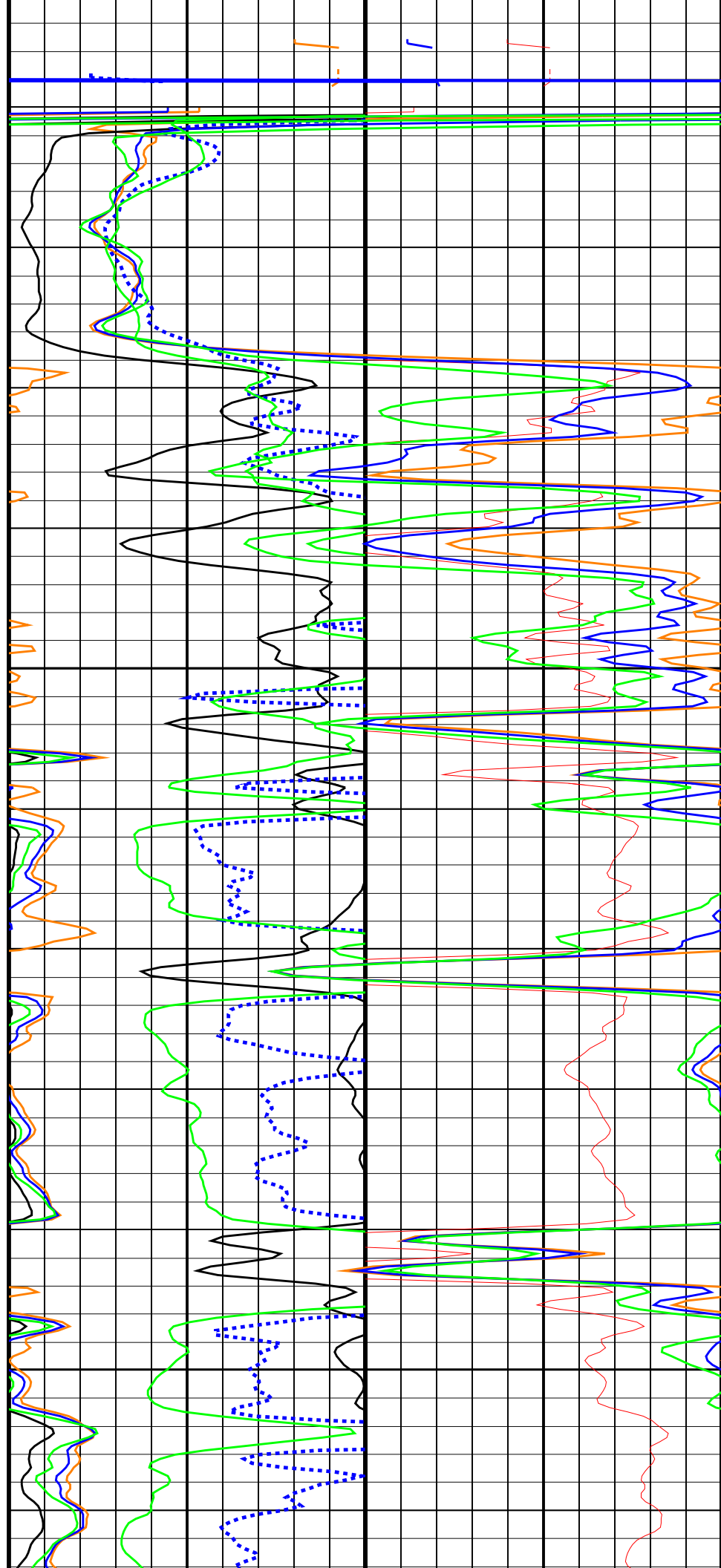
700

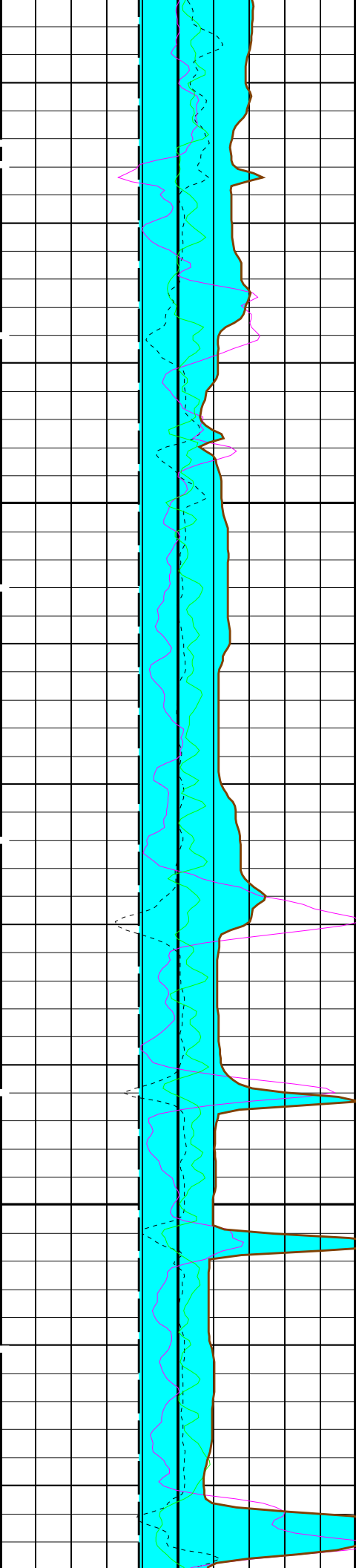




725

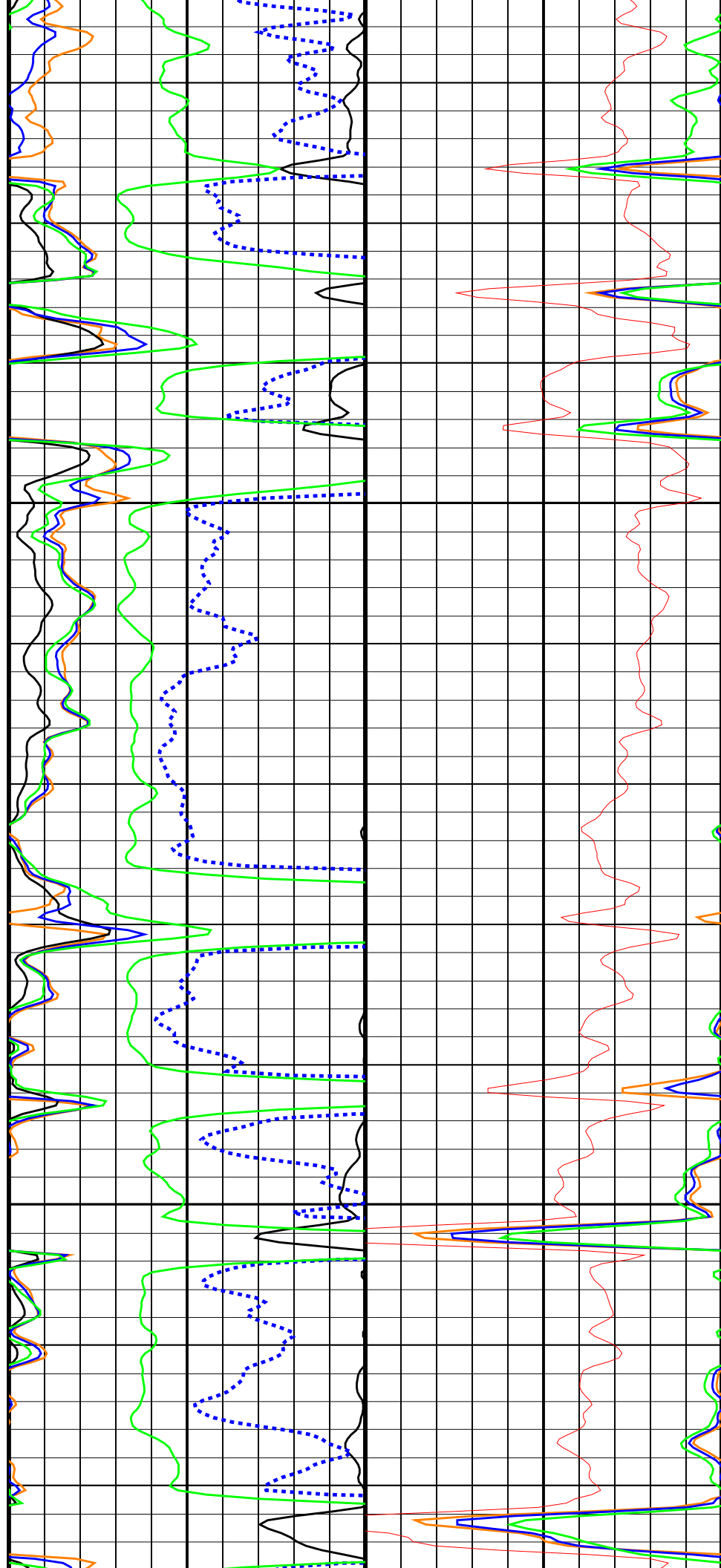
750

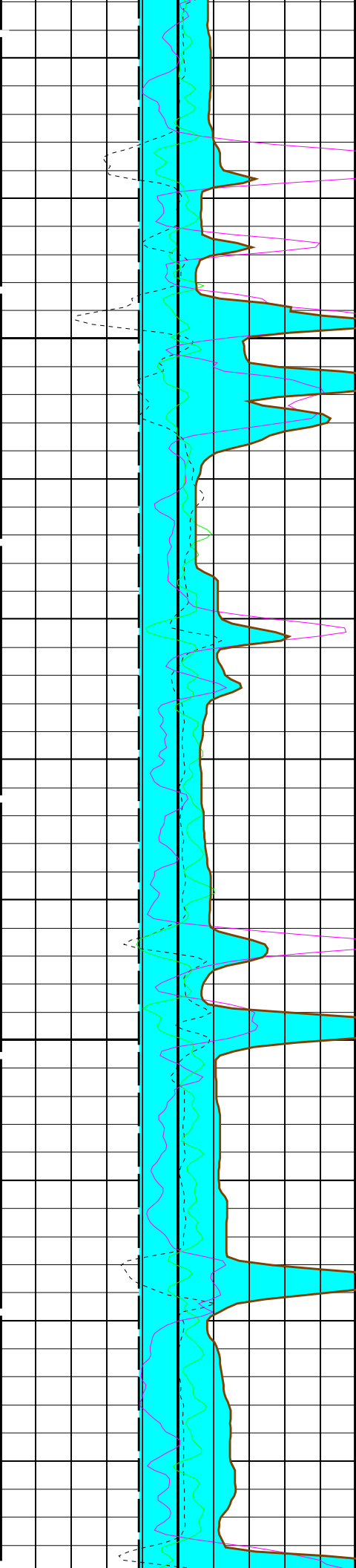




775

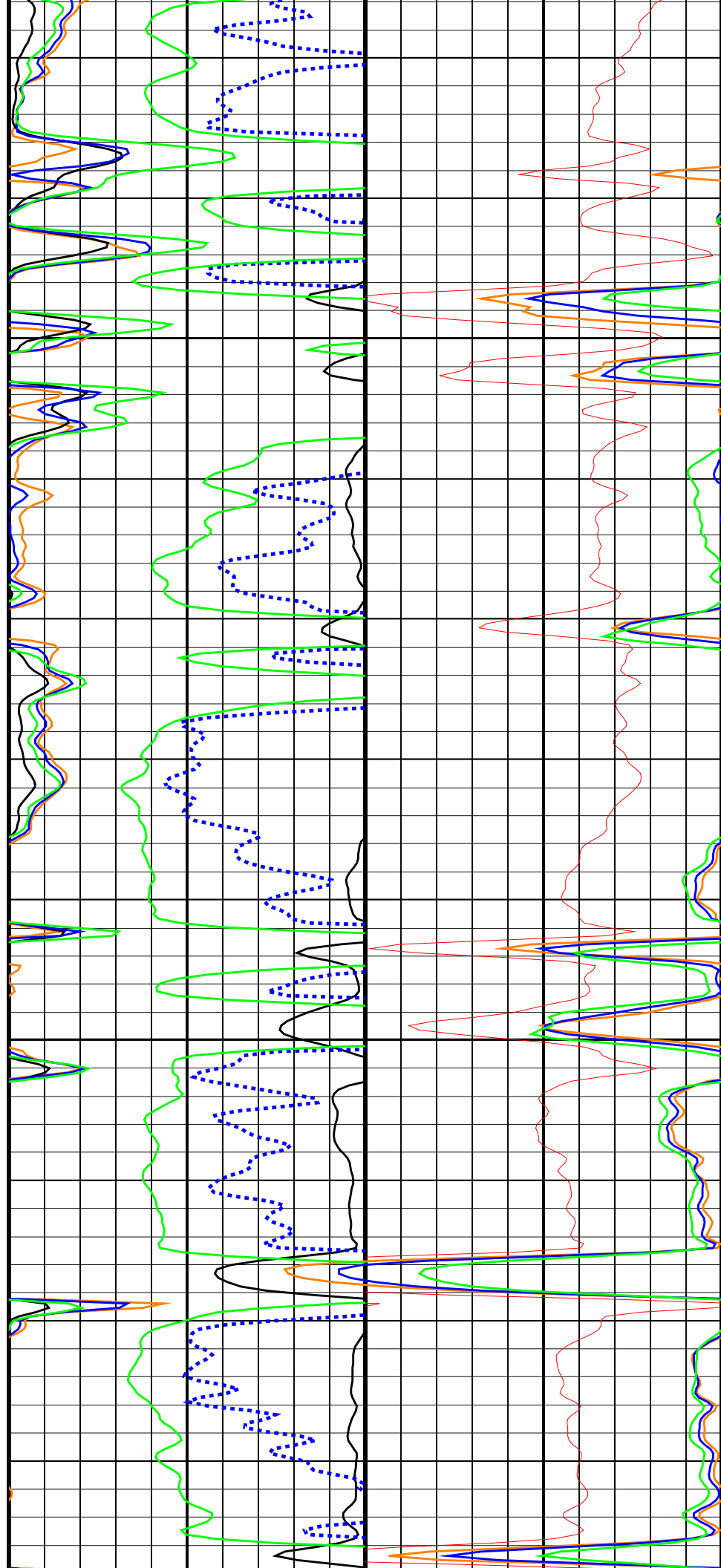
800

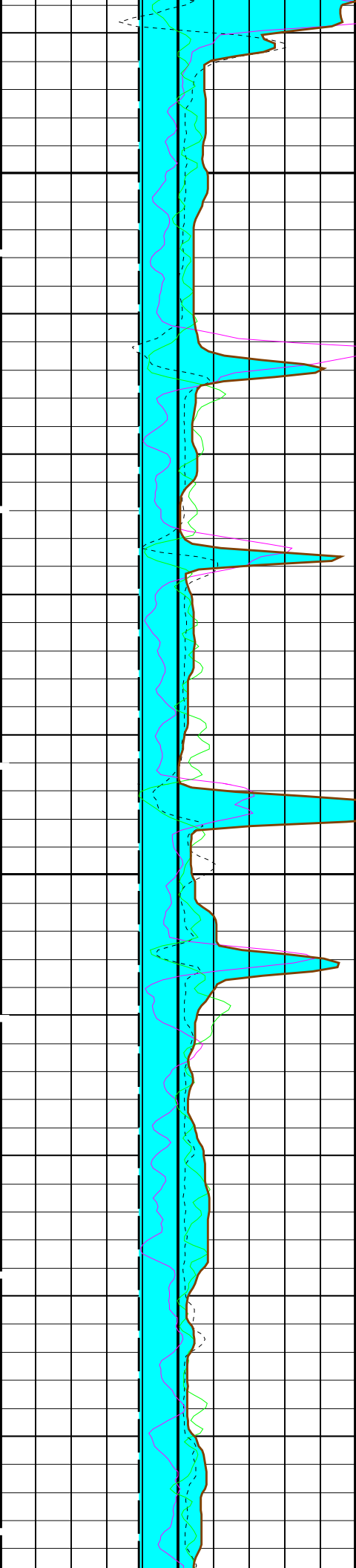




825

850

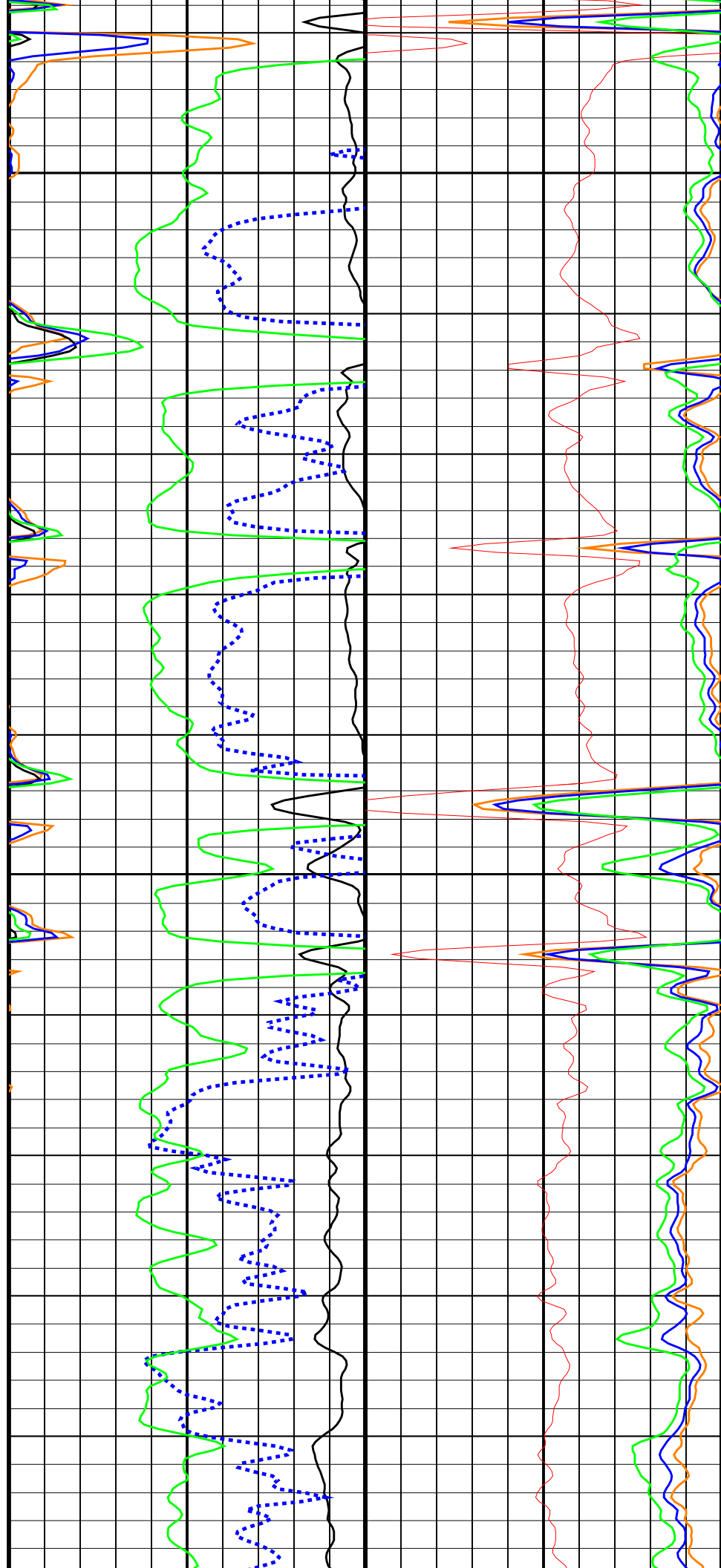


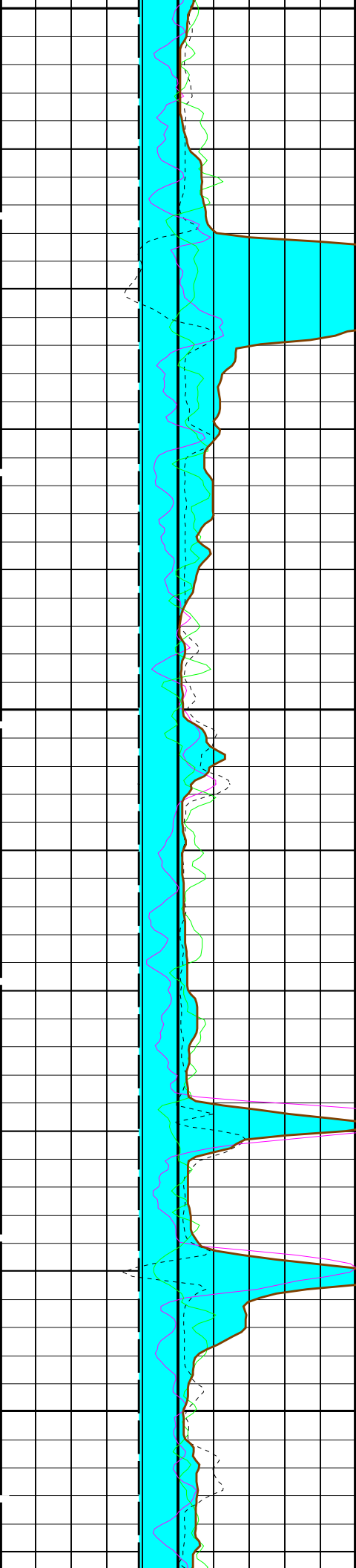


875

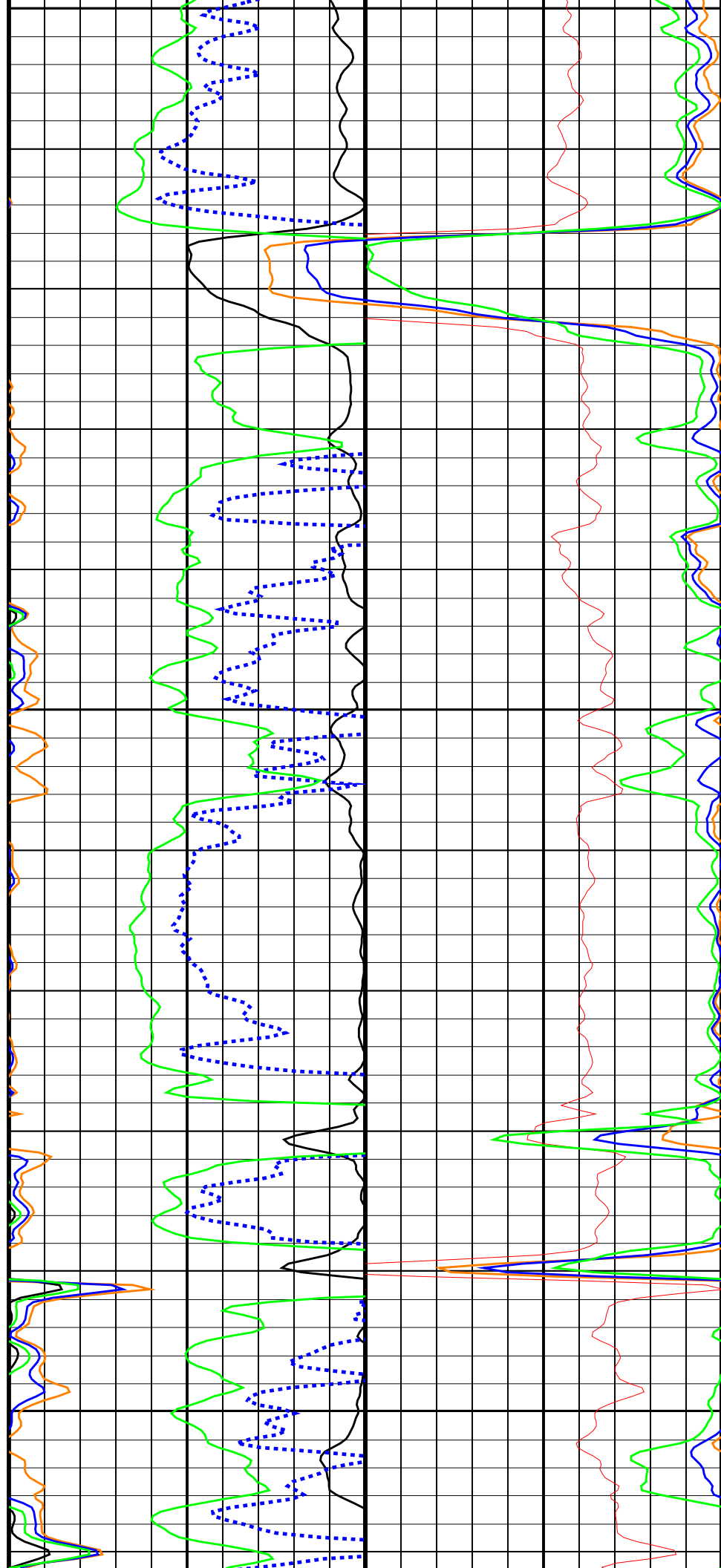
900

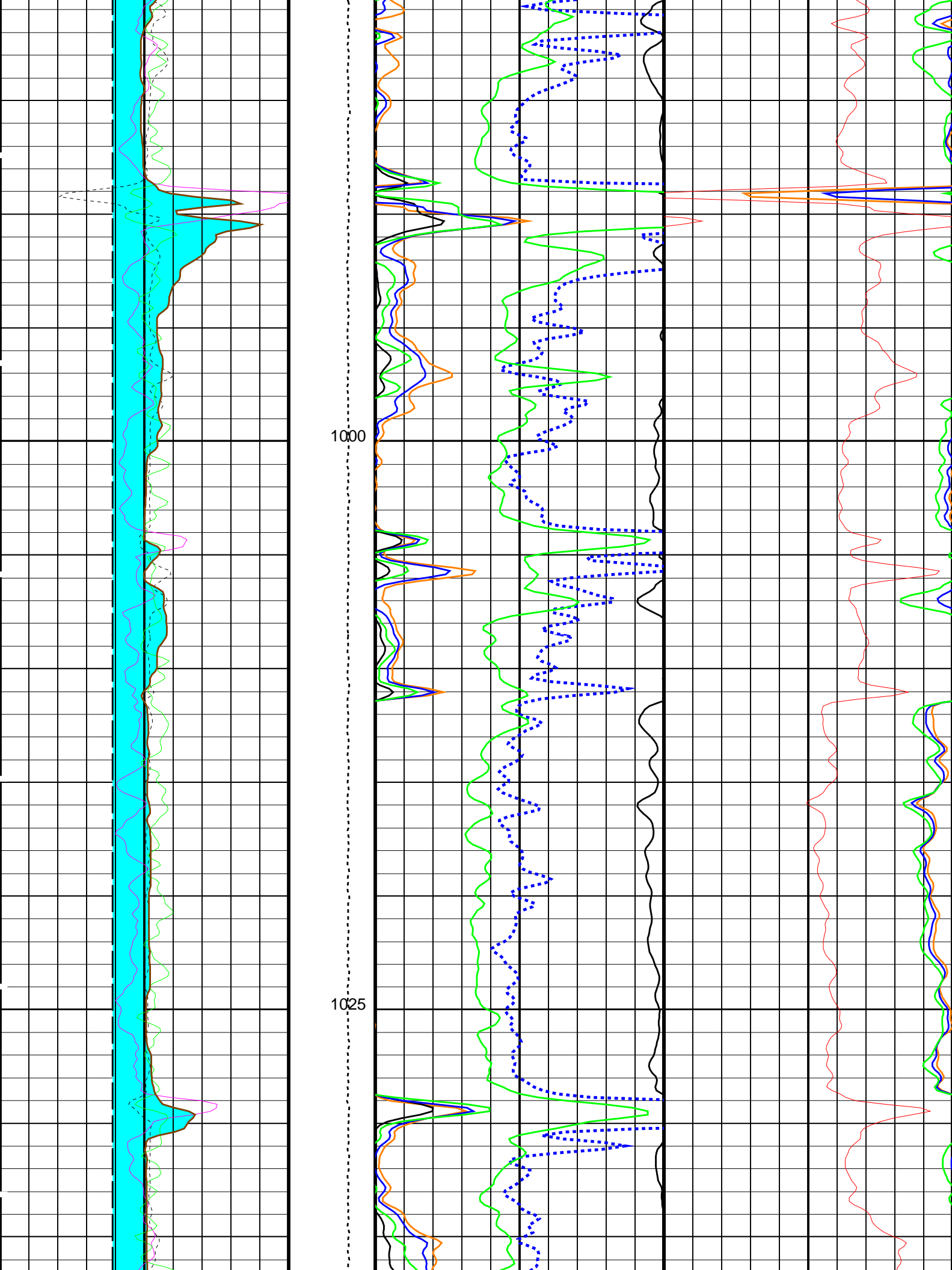
925

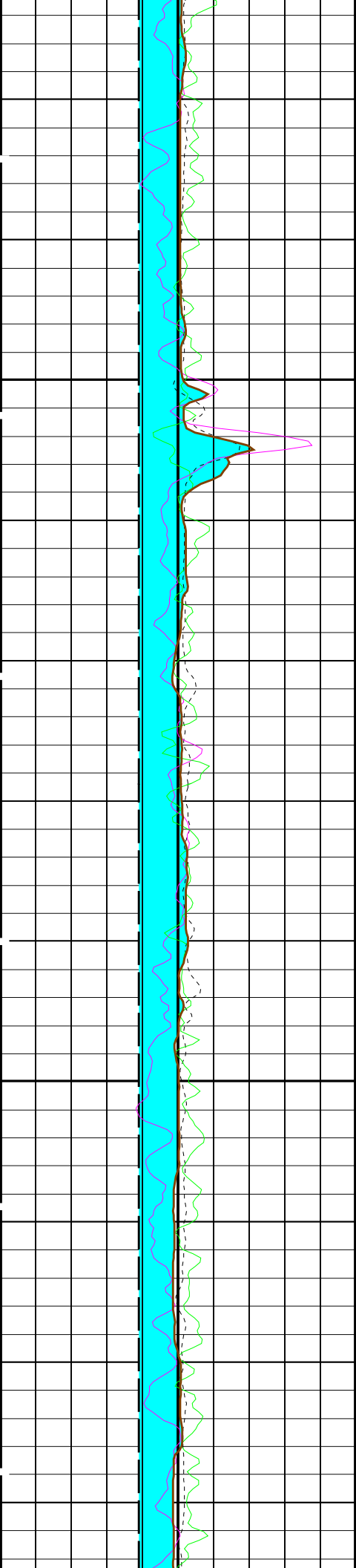




925
950
975

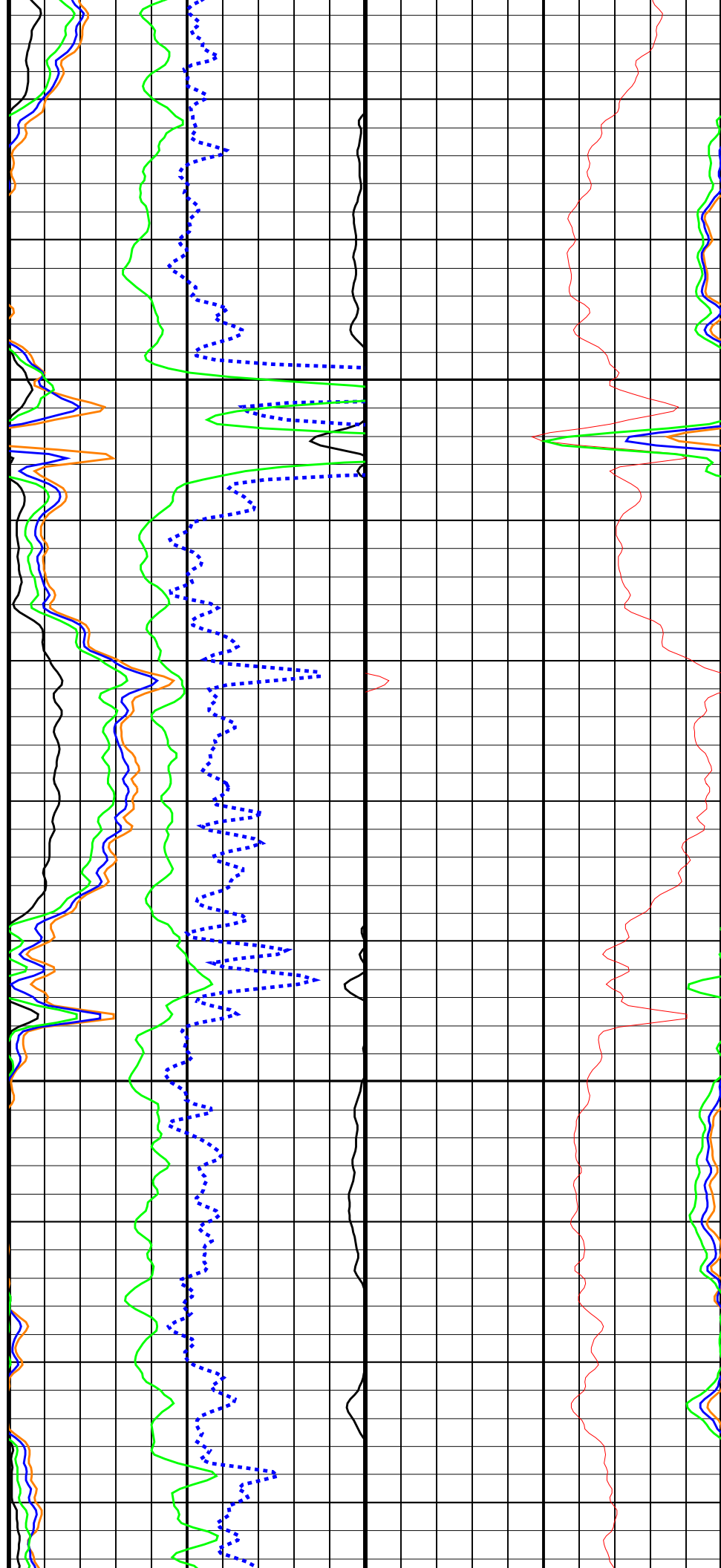


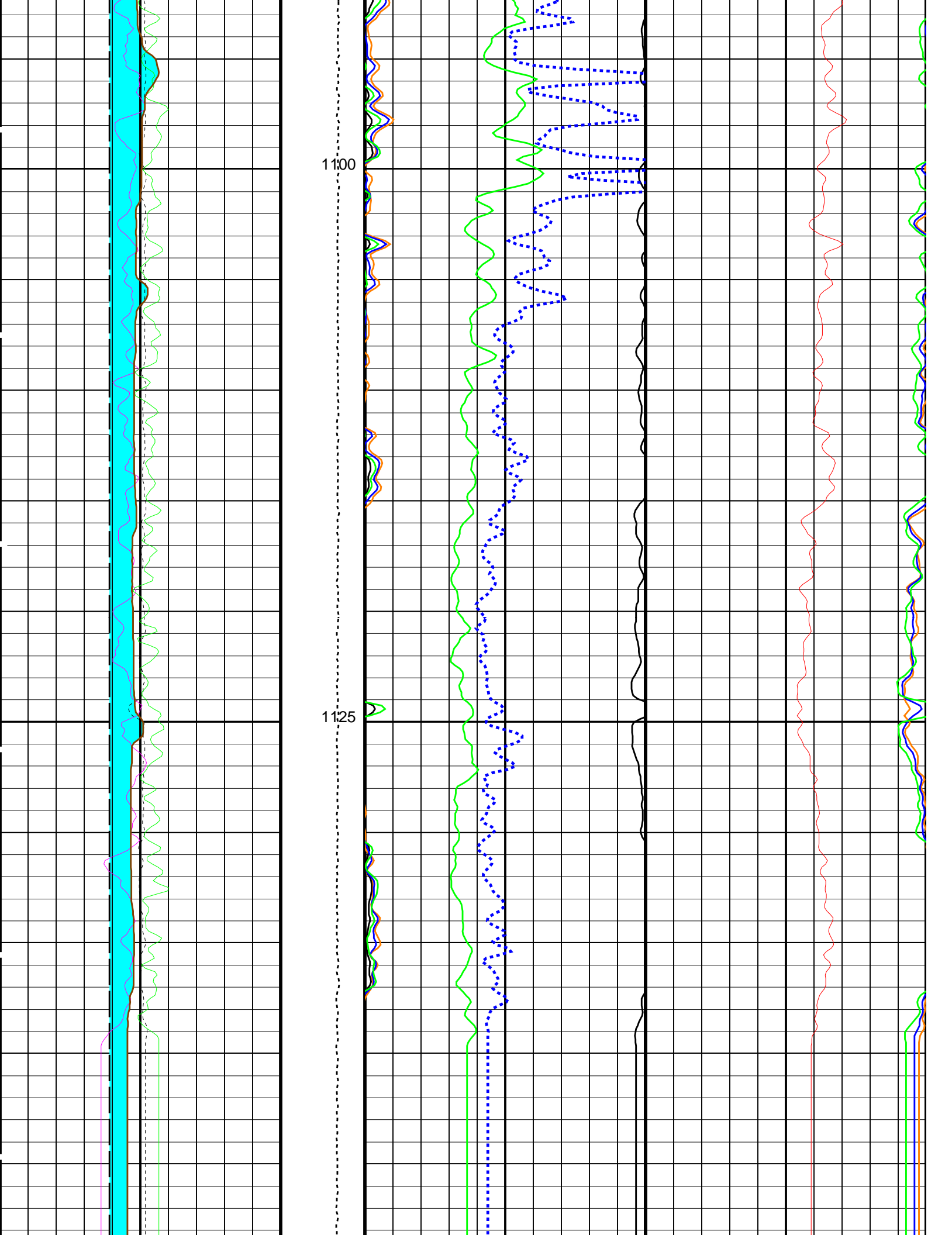


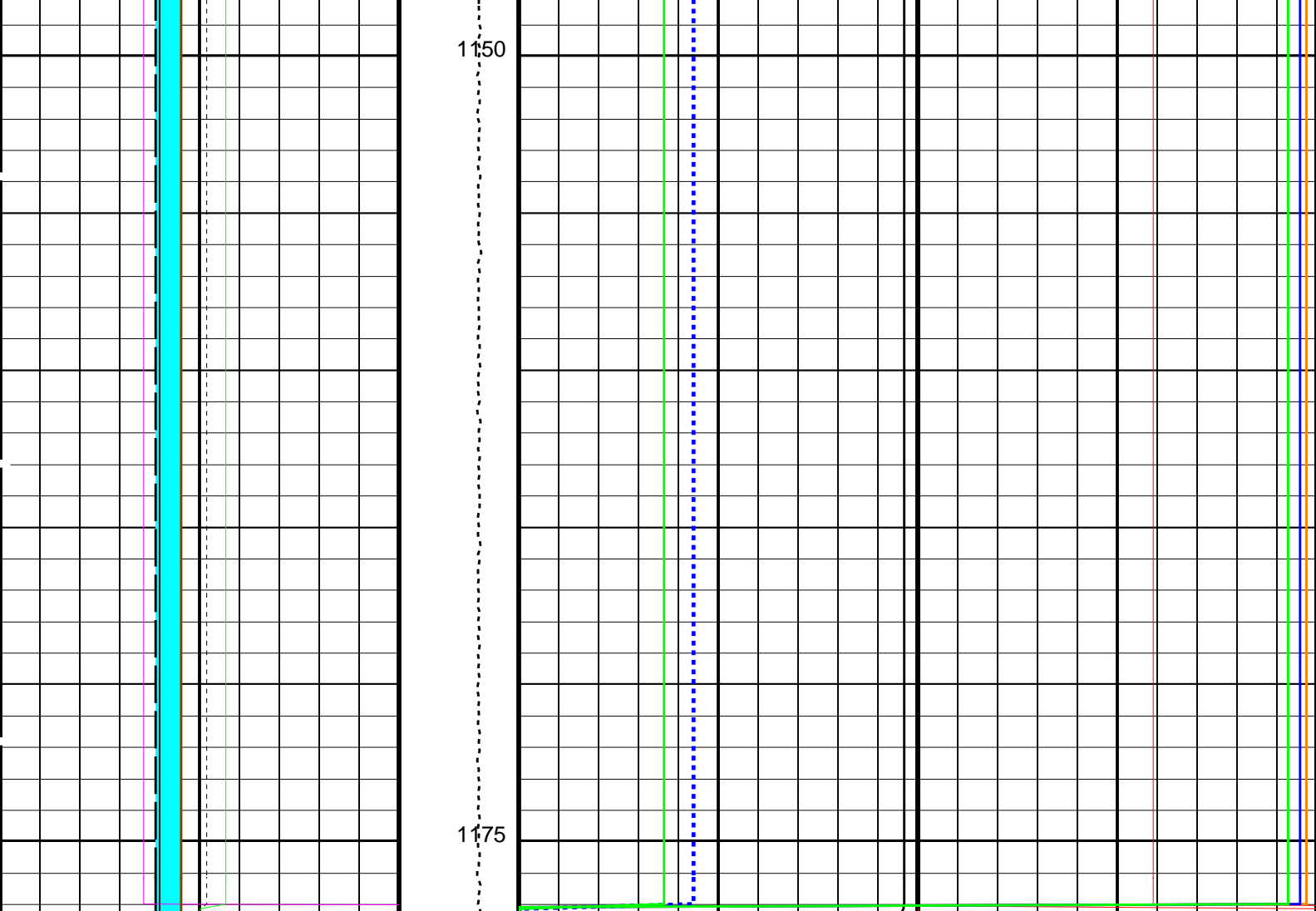


1050

1075







HLDS Bulk Density Correction (DRH) -0.25 (G/C3) 0.25			Tension (TENS) (LBF) 10000 0	HLDS Bulk Density (RHOM) 2 (G/C3) 3		
Bit Size (BS) 6 (IN) 16				HLDS SS2 Density (RHS3) 2 (G/C3) 3		HLDS Density Porosity (DPO) 30 (PU) 0
HLDS Caliper (LCAL) 6 (IN) 16				HLDS Long Spaced Bulk Density (RHL) 2 (G/C3) 3		
Mudcake From HLDS_CALIPER to BS				HLDS Short Spaced Photoelectric Effect (PEFS) 0 (----) 10		
Washout From BS to HLDS_CALIPER				HLDS Long Spaced Photoelectric Effect (PEFL) 0 (----) 10		
HLDS Short Spacing Quality Indicator (LQSS) -0.25 (----) 0.25				HLDS Short Spaced Bulk Density (RHS) 2 (G/C3) 3		
HLDS Long Spacing Quality Indicator (LQLS) -0.25 (----) 0.25						

PIP SUMMARY

Time Mark Every 60 S

Parameters

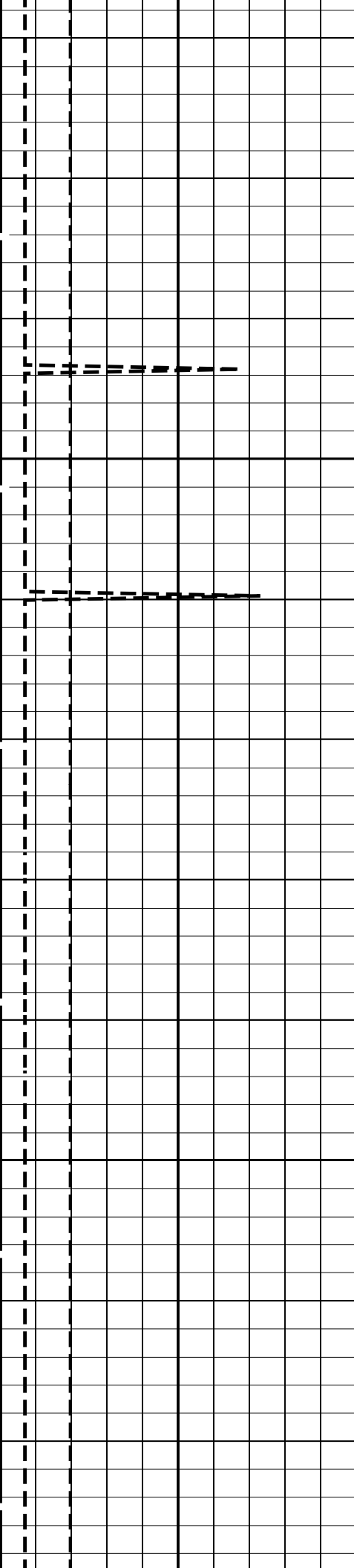
DLIS Name	Description	Value
HLDS Hostile Litho Density Cards		

DHC	HLDS: Hostile Litho-Density Sonde	Density Hole Correction	CALIPER	
DPPM		Density Porosity Processing Mode	HIRS	
FD		Fluid Density	1	G/C3
LATC		HLDS Activation Correction	OFF	
MDEN		Matrix Density	2.71	G/C3
	EDTC-B: Enhanced DTS Cartridge			
DPPM		Density Porosity Processing Mode	HIRS	
	System and Miscellaneous			
BS		Bit Size	9.875	IN
DFD		Drilling Fluid Density	9.00	LB/G

Format: HLDS		DensityPE	Vertical Scale: 1:200		Graphics File Created: 29-Sep-2023 23:46	
OP System Version: 19C0-187						
MSS_LDEO-A	19C0-187		DSST-B	19C0-187		
HRLT-B	19C0-187		HLDS	19C0-187		
LDSC-B	19C0-187		HNGC-B	19C0-187		
HNGS-BA	19C0-187		EDTC-B	19C0-187		
Output DLIS Files						
DEFAULT	MSS_LDEO_DSI_HRLA_008	LUP	FN:6	PRODUCER	29-Sep-2023 23:45	

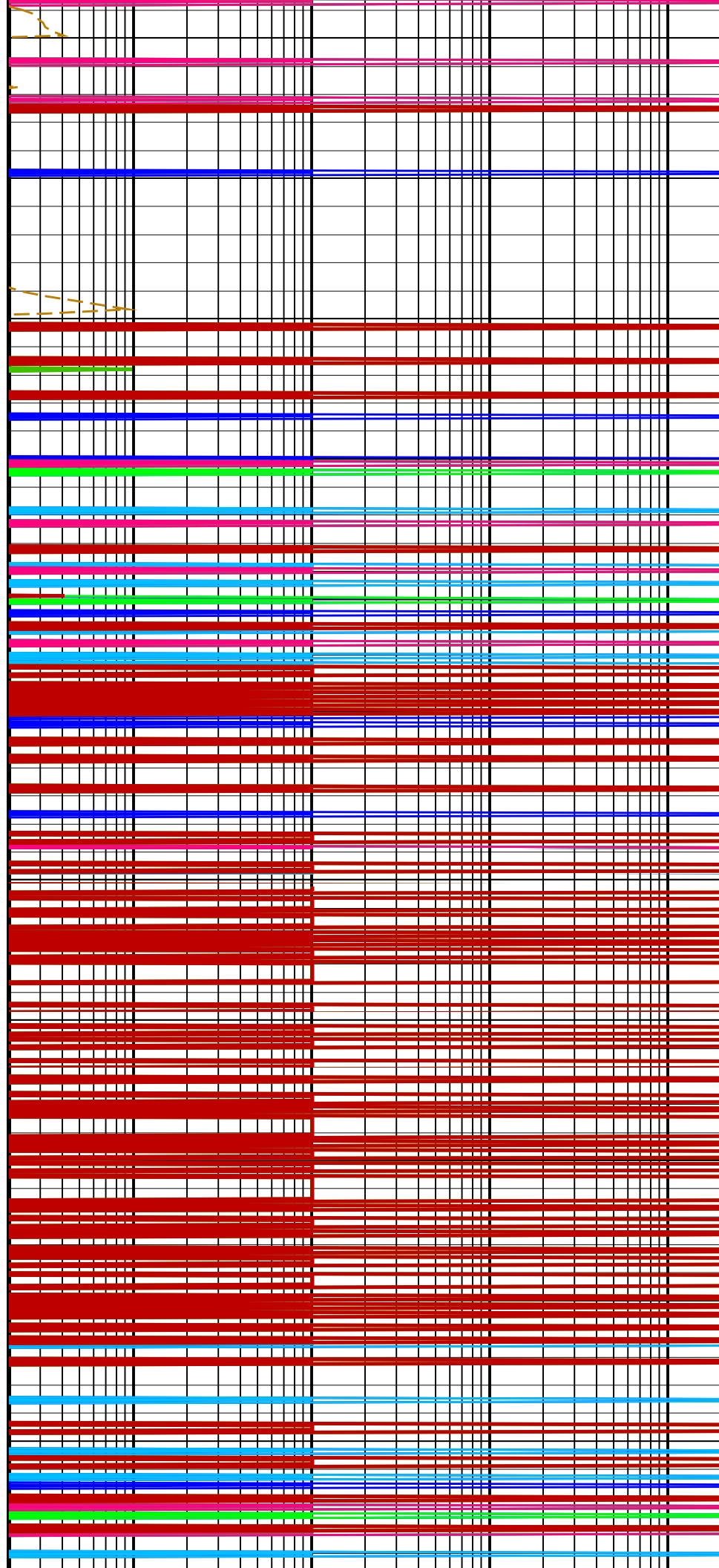
Company: International Ocean Discovery Program				Well: Expedition 400, Site U1608A		
Output DLIS Files						
DEFAULT	MSS_LDEO_DSI_HRLA_008	LUP	FN:6	PRODUCER	29-Sep-2023 23:45	1177.3 M 605.3 M
OP System Version: 19C0-187						
MSS_LDEO-A	19C0-187		DSST-B	19C0-187		
HRLT-B	19C0-187		HLDS	19C0-187		
LDSC-B	19C0-187		HNGC-B	19C0-187		
HNGS-BA	19C0-187		EDTC-B	19C0-187		

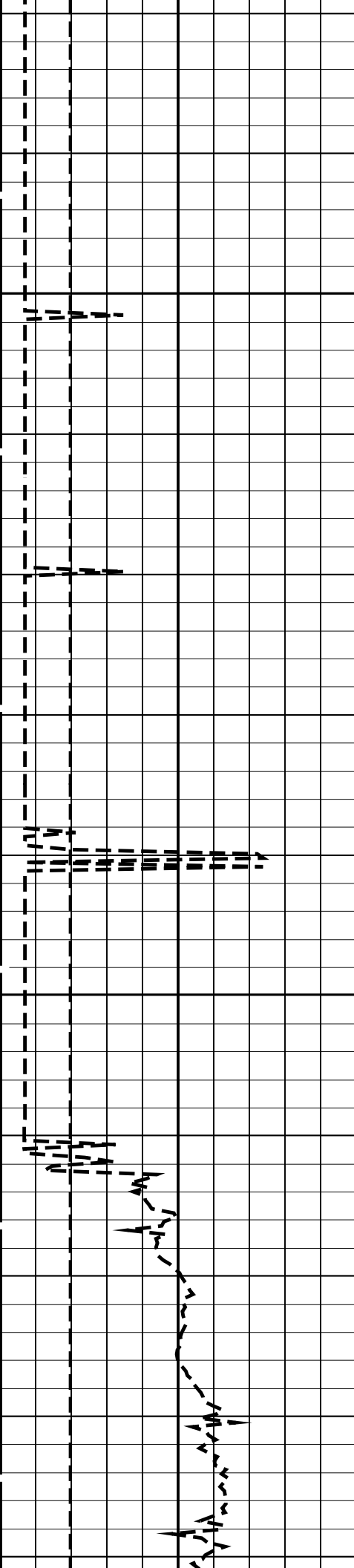
PIP SUMMARY						
Time Mark Every 60 S						
<div> <div>Invasion Diameter (DI_HRLT)</div> <div>050</div> <div>(IN)</div> </div> <div> <div>Bit Size (BS)</div> <div>626</div> <div>(IN)</div> </div> <div> <div>Tension (TENS)</div> <div>100000</div> <div>(LBF)</div> </div>			HRLT True Resistivity (RT_HRLT)			
			0.2(OHMM)2000			
			Invaded Zone Resistivity (RXO_HRLT)			
			0.2(OHMM)2000			
			HRLT Mud Resistivity (RM_HRLT)			
			0.02(OHMM)200			
			HRLT Resistivity 5 (RLA5)			
			0.2(OHMM)2000			
			HRLT Resistivity 4 (RLA4)			
			0.2(OHMM)2000			
			HRLT Resistivity 3 (RLA3)			
			0.2(OHMM)2000			
			HRLT Resistivity 2 (RLA2)			
			0.2(OHMM)2000			
			HRLT Resistivity 1 (RLA1)			
			0.2(OHMM)2000			



625

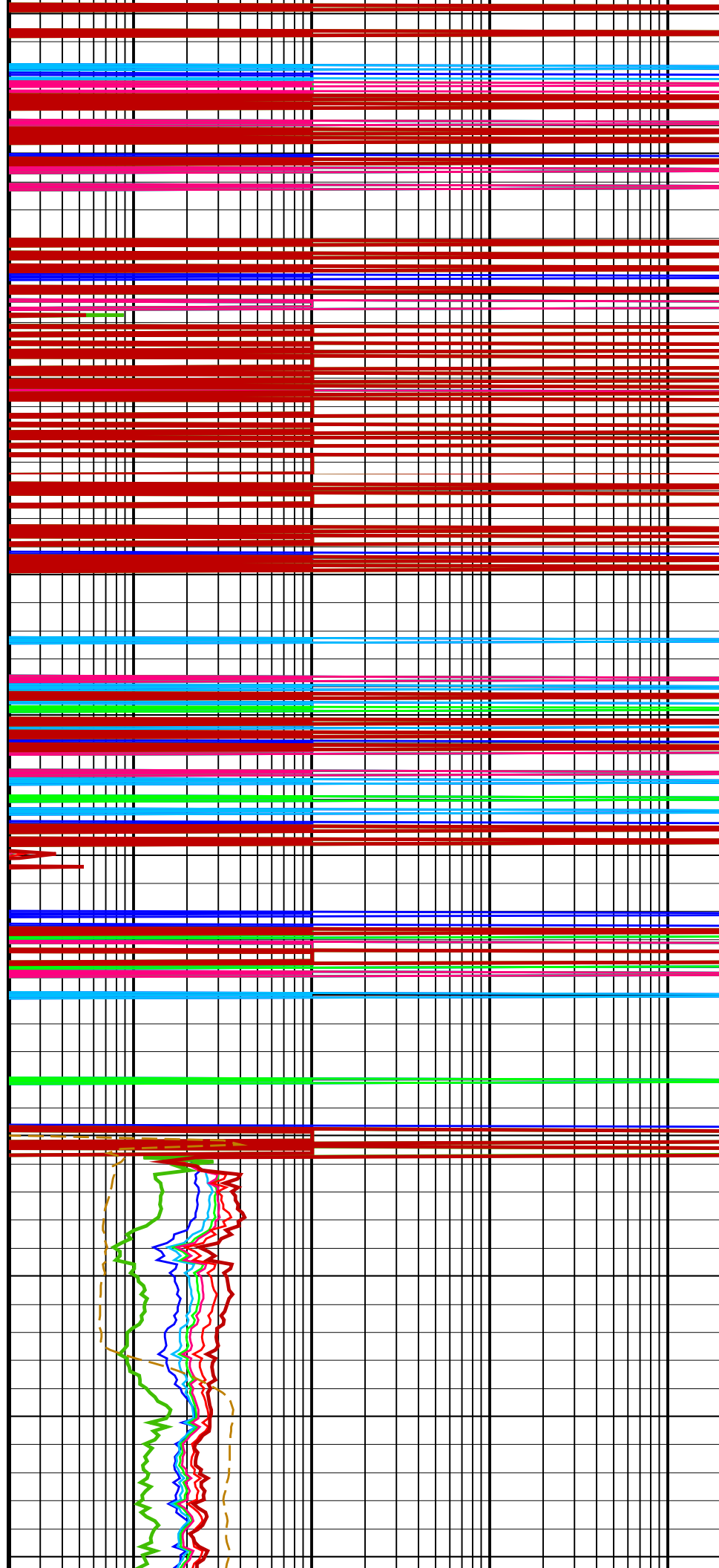
650

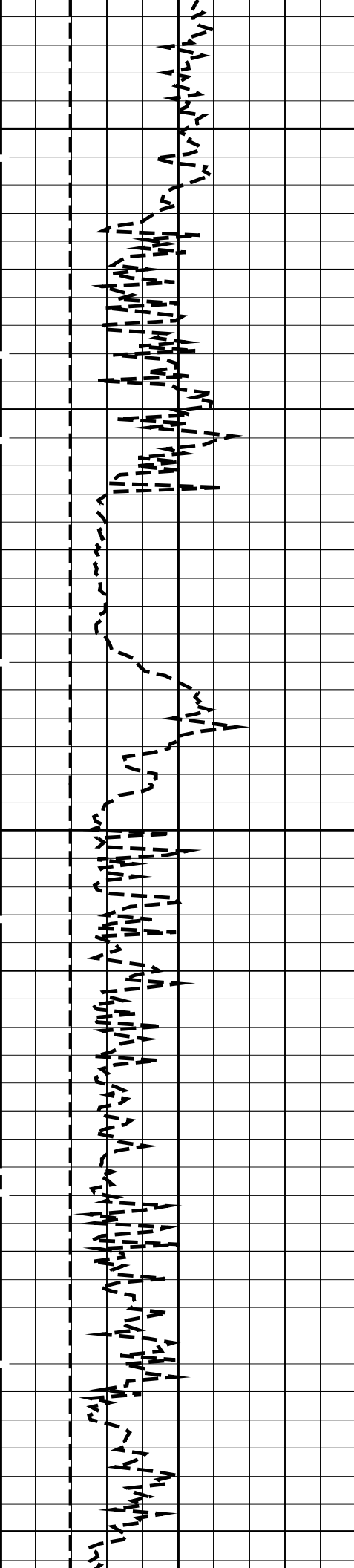




675

700

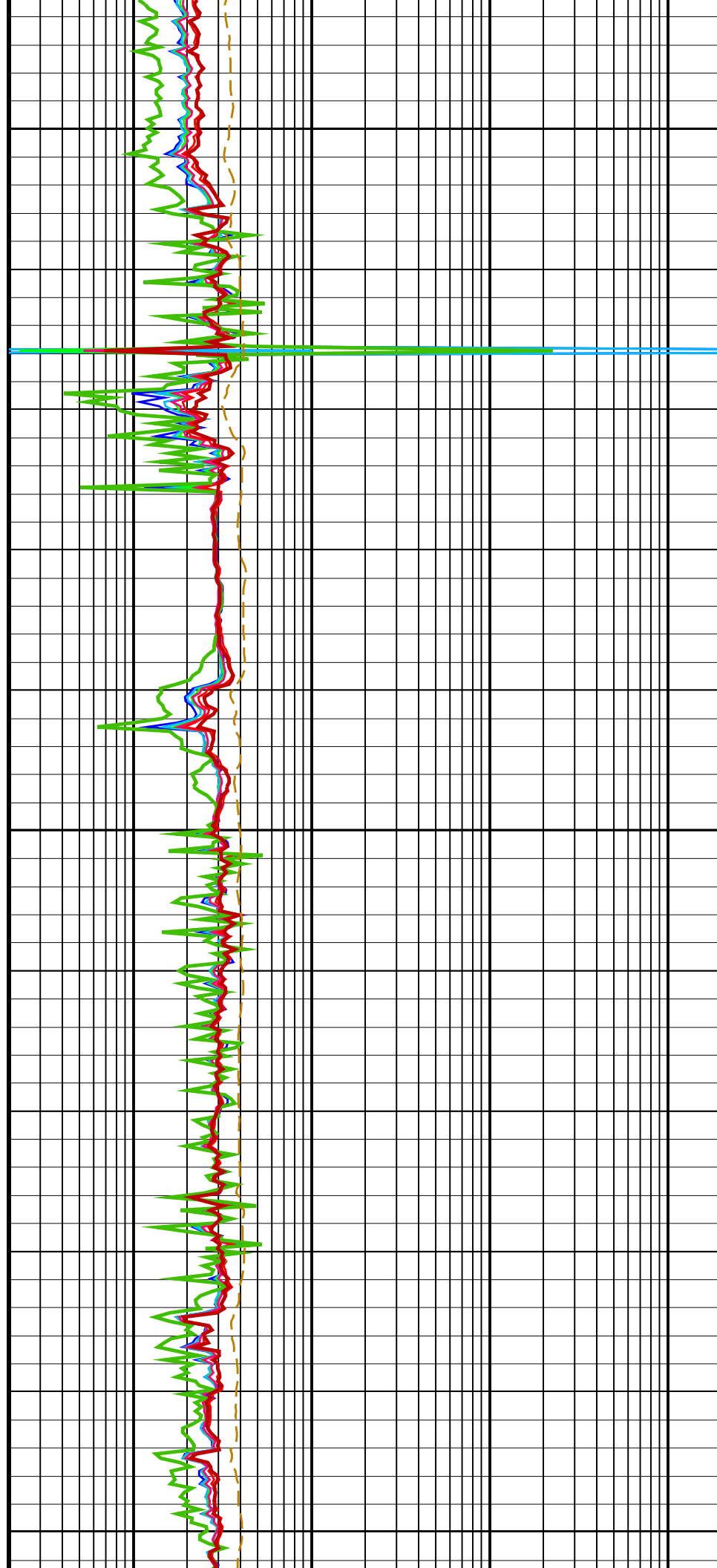


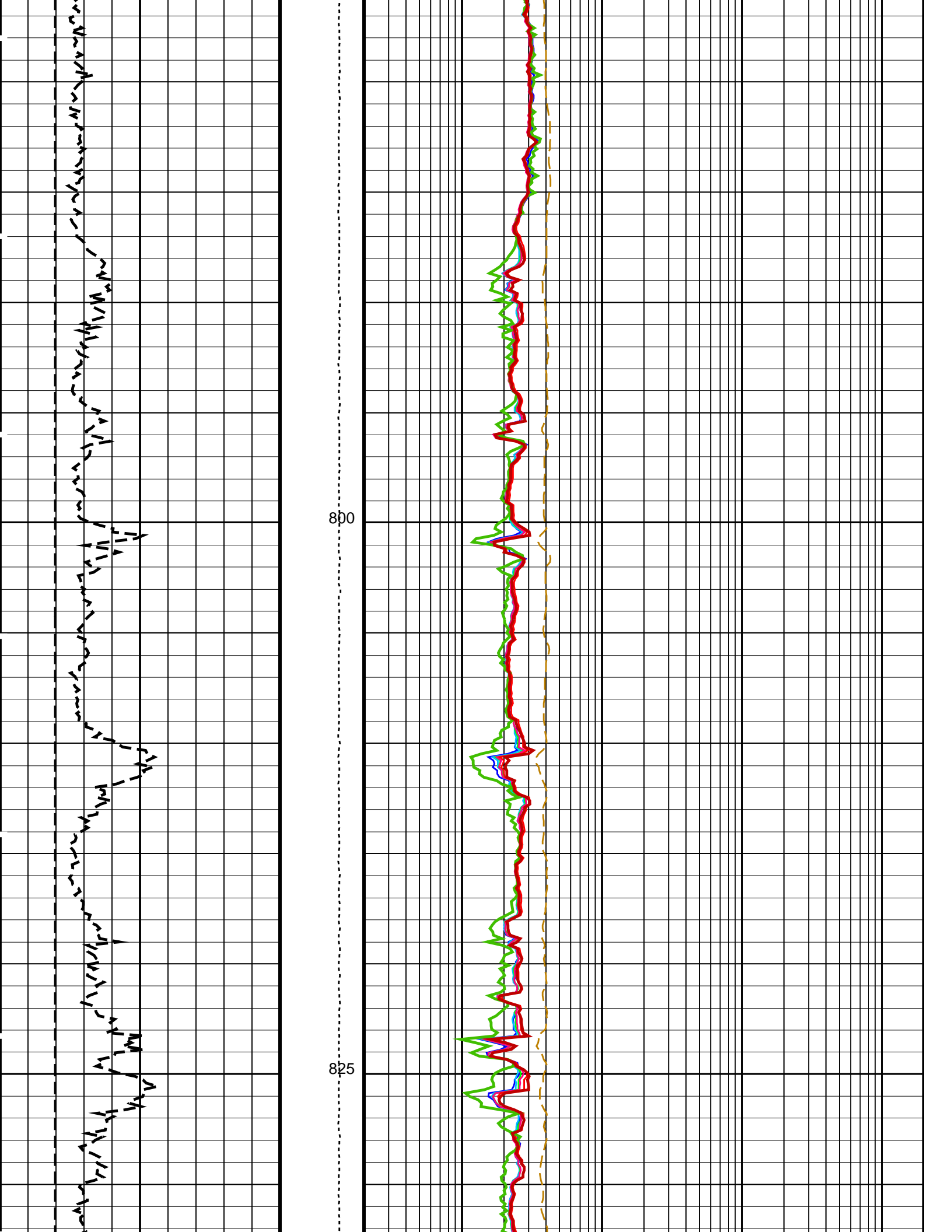


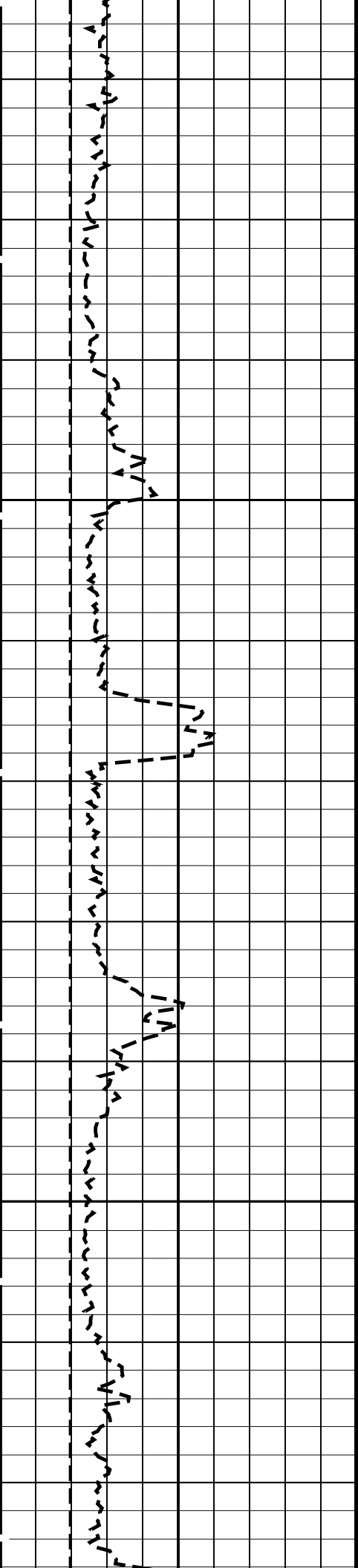
725

750

775

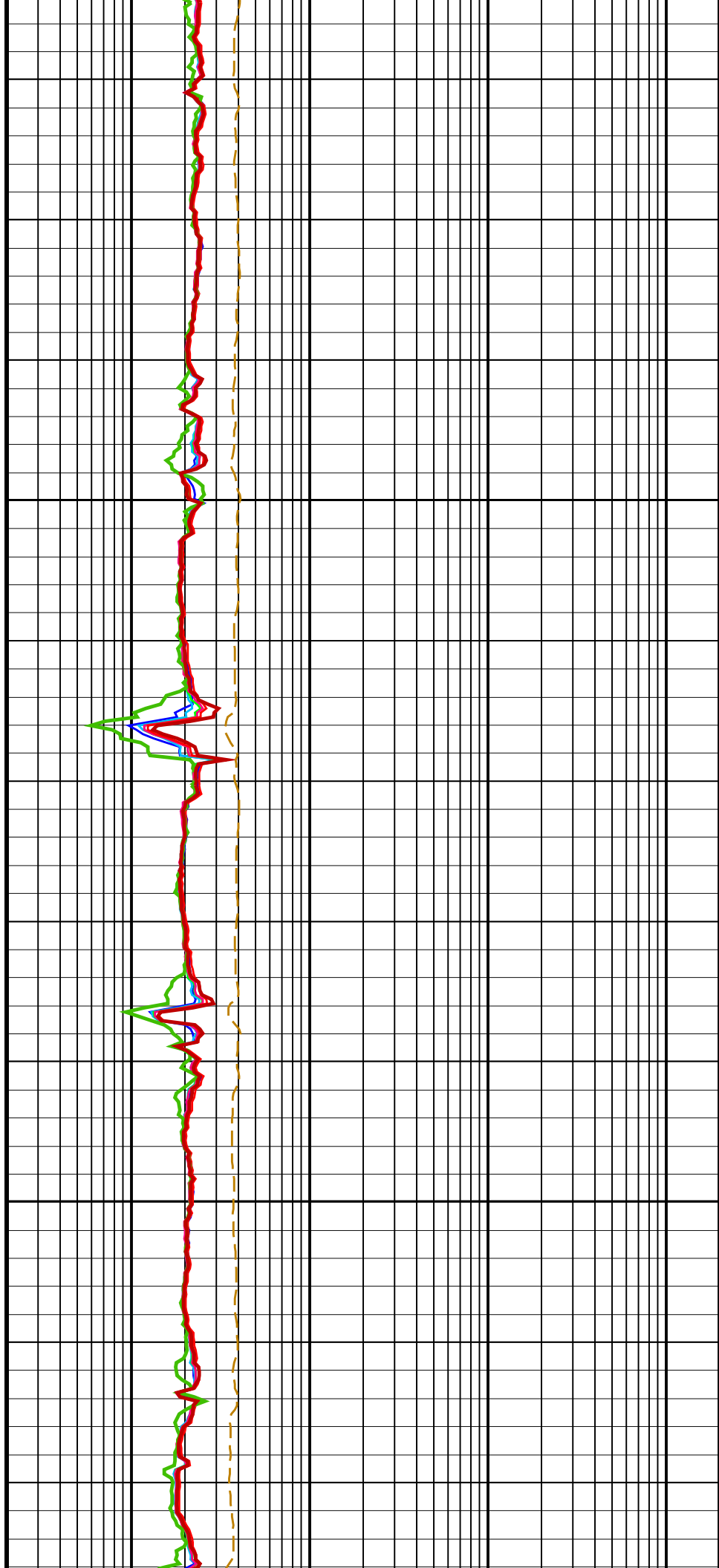


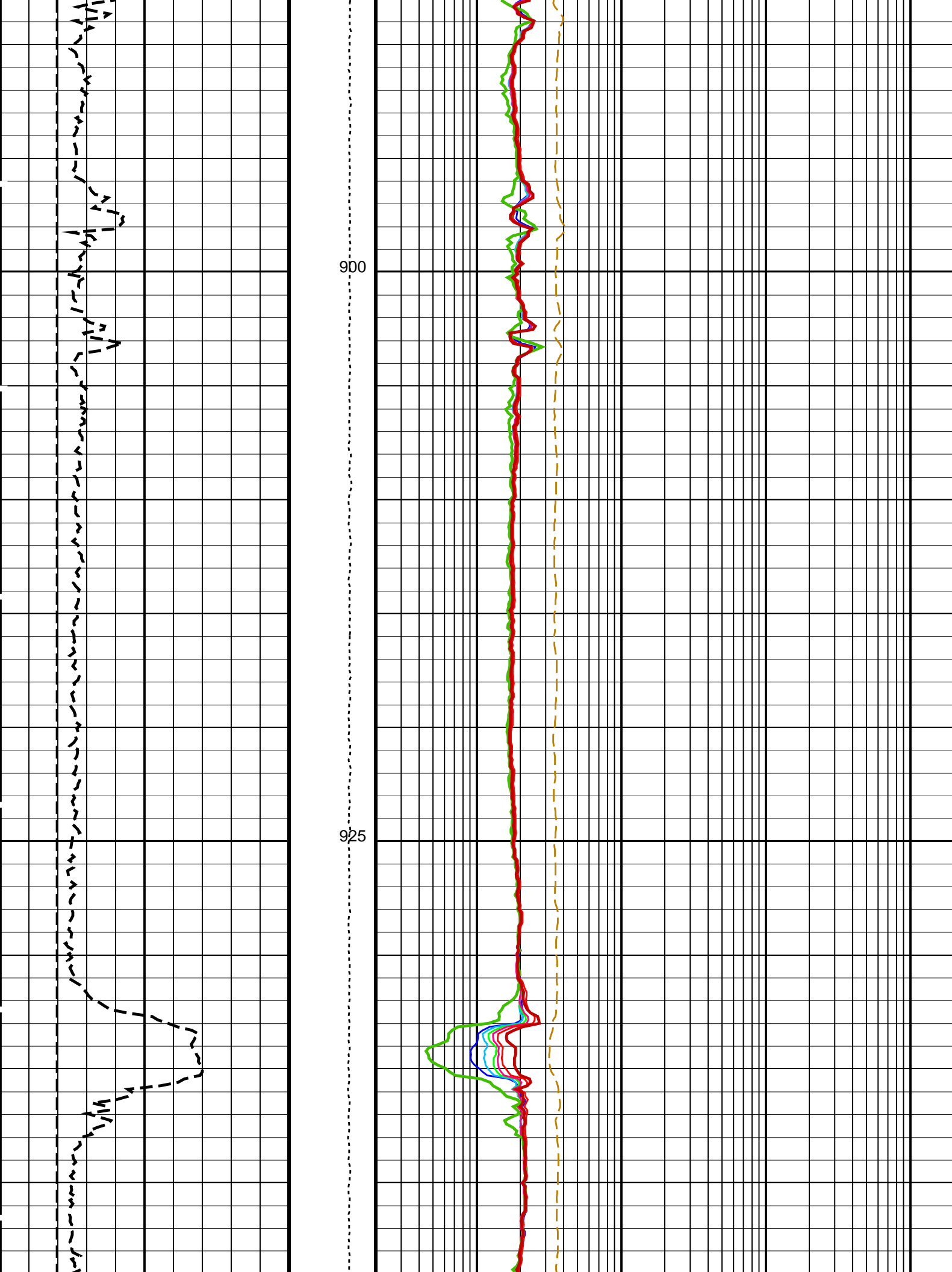


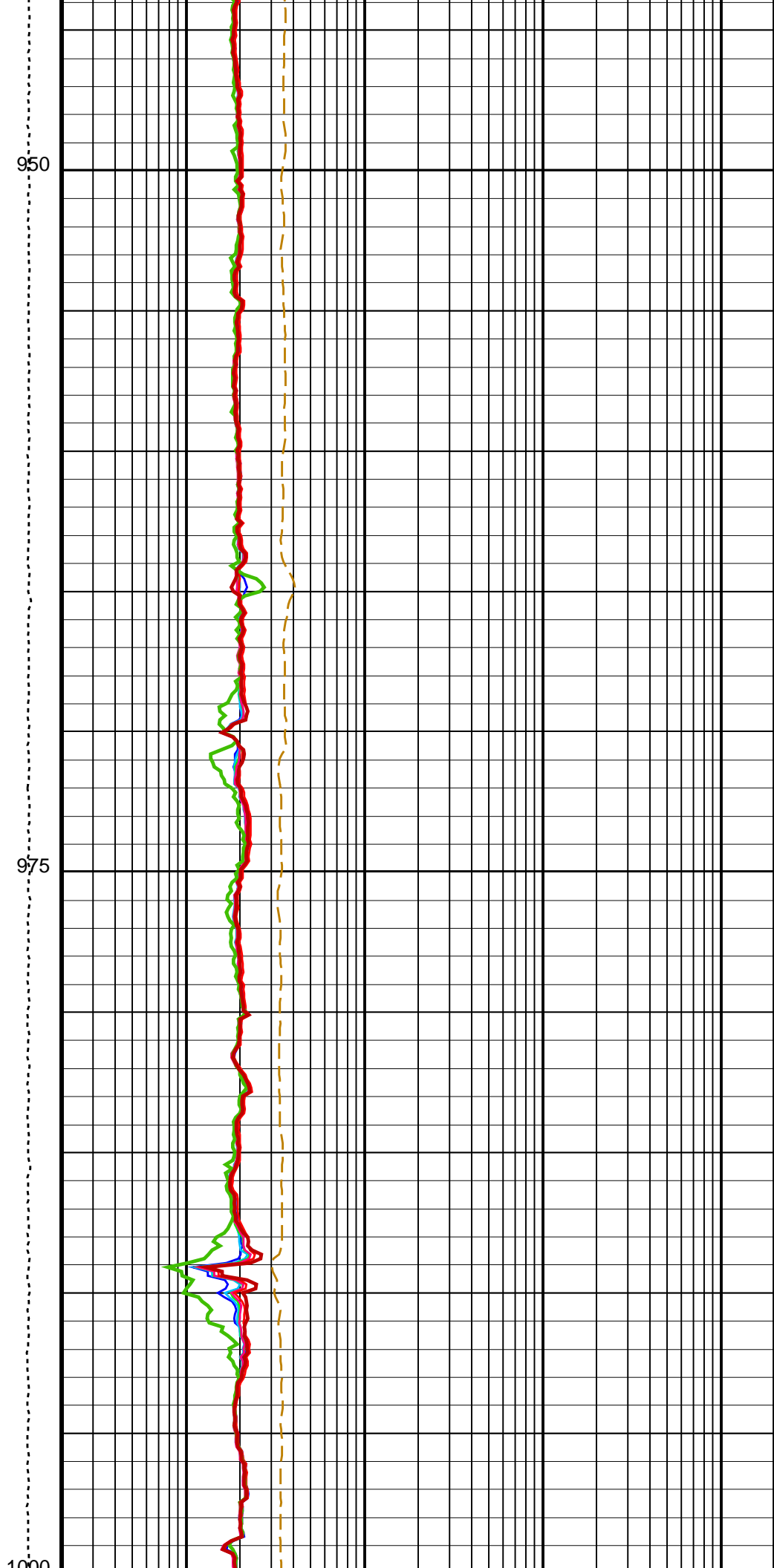
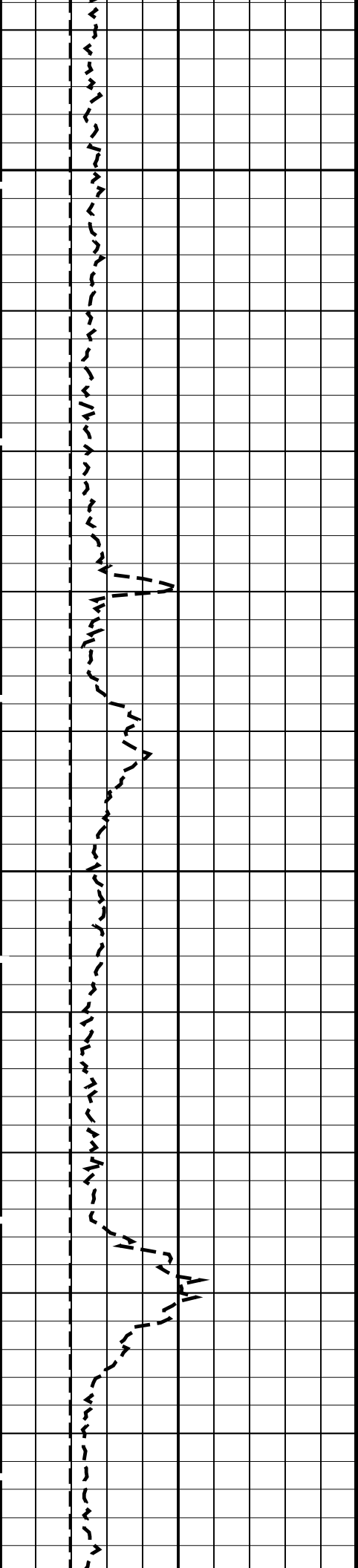


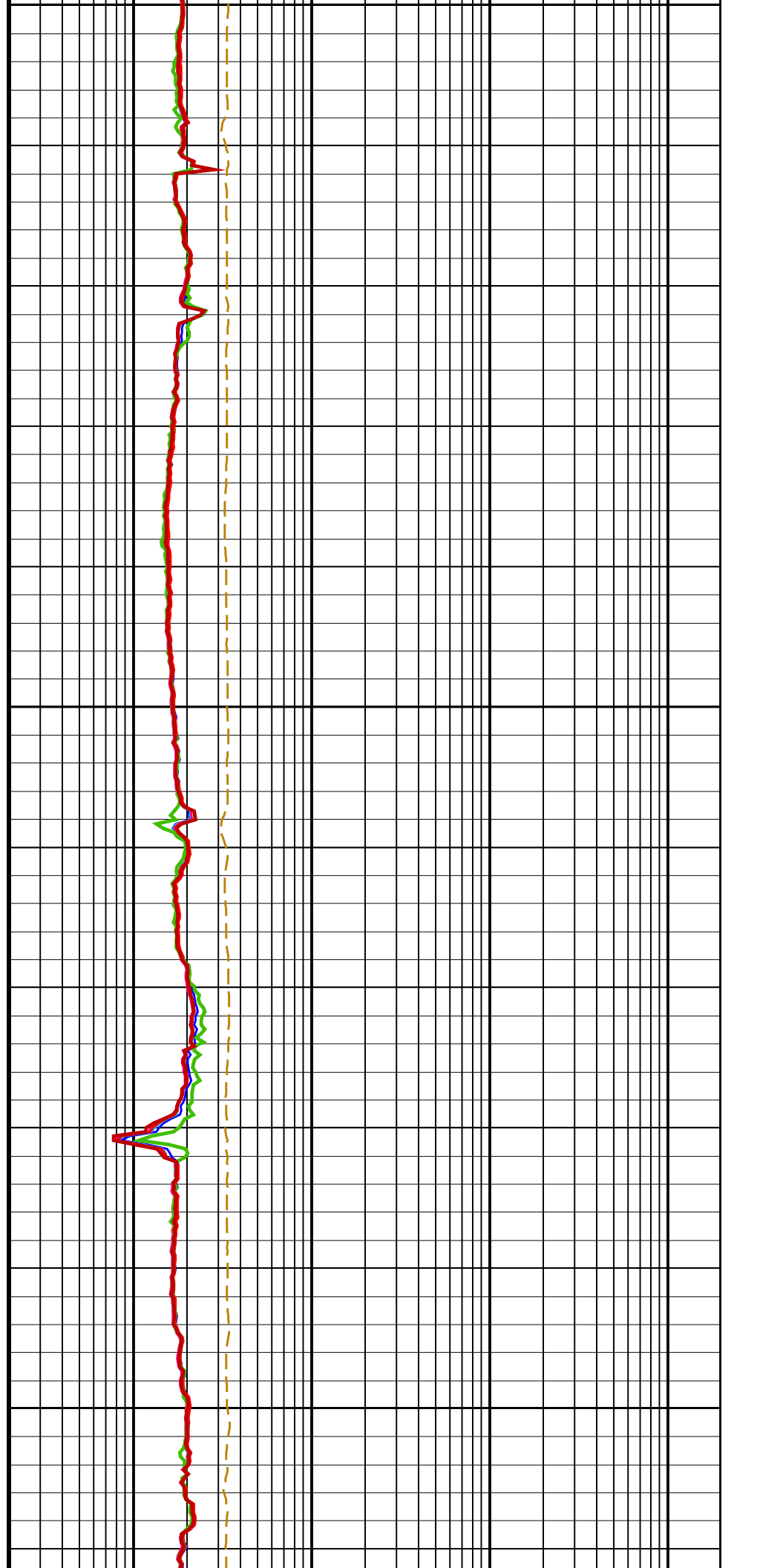
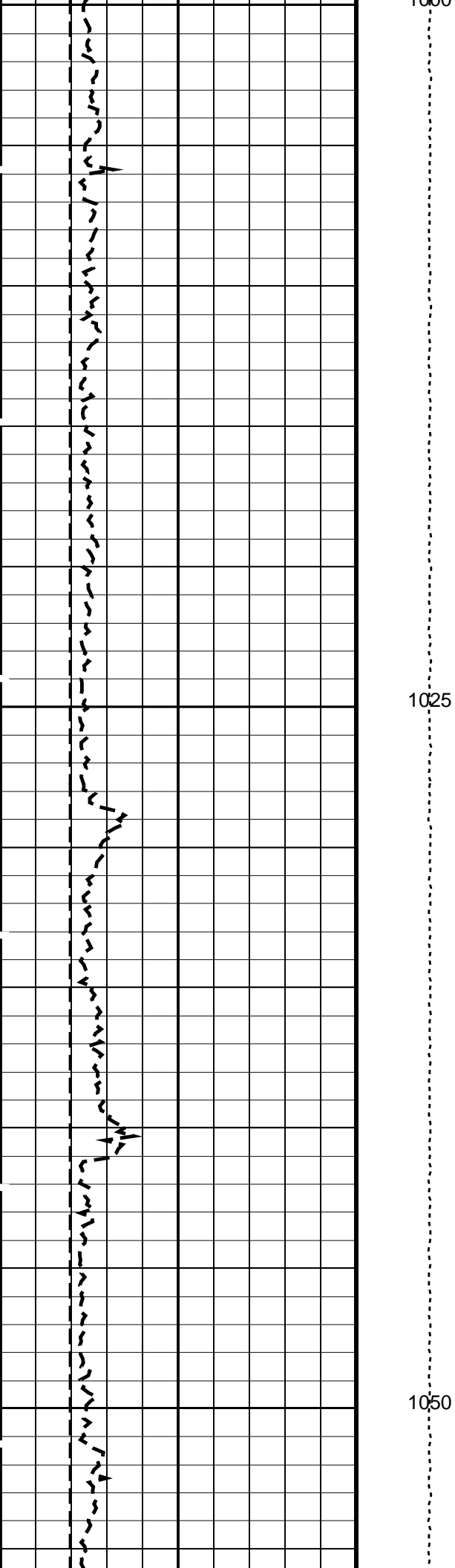
850

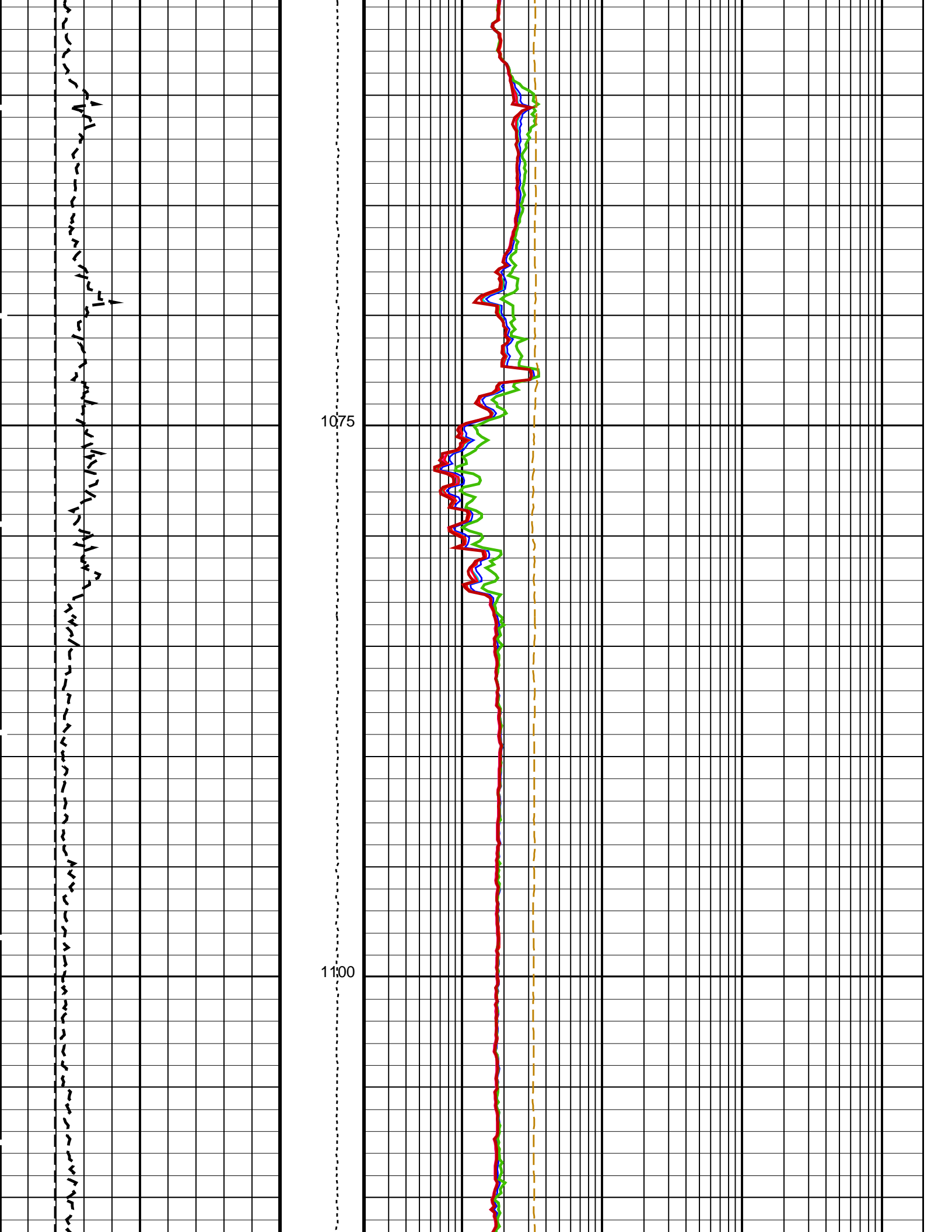
875

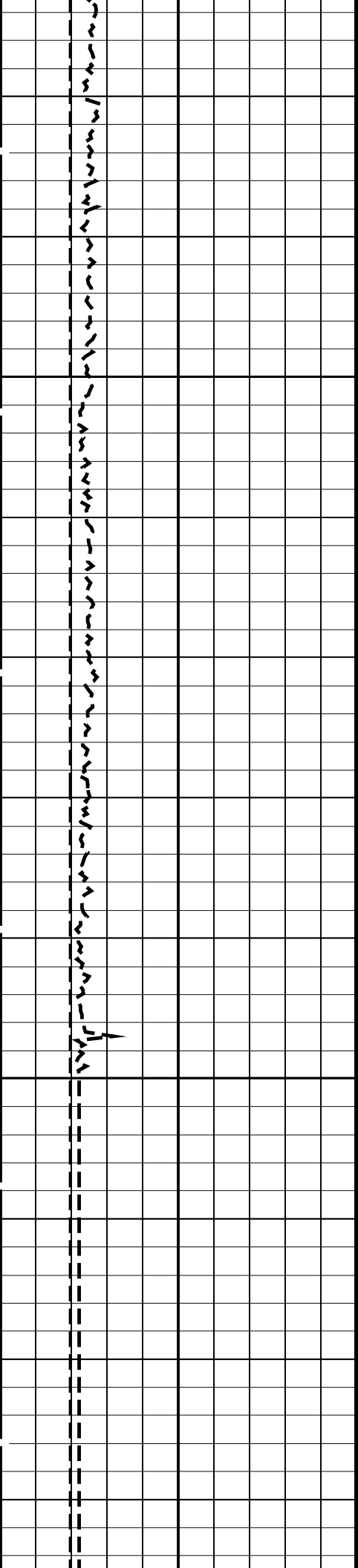






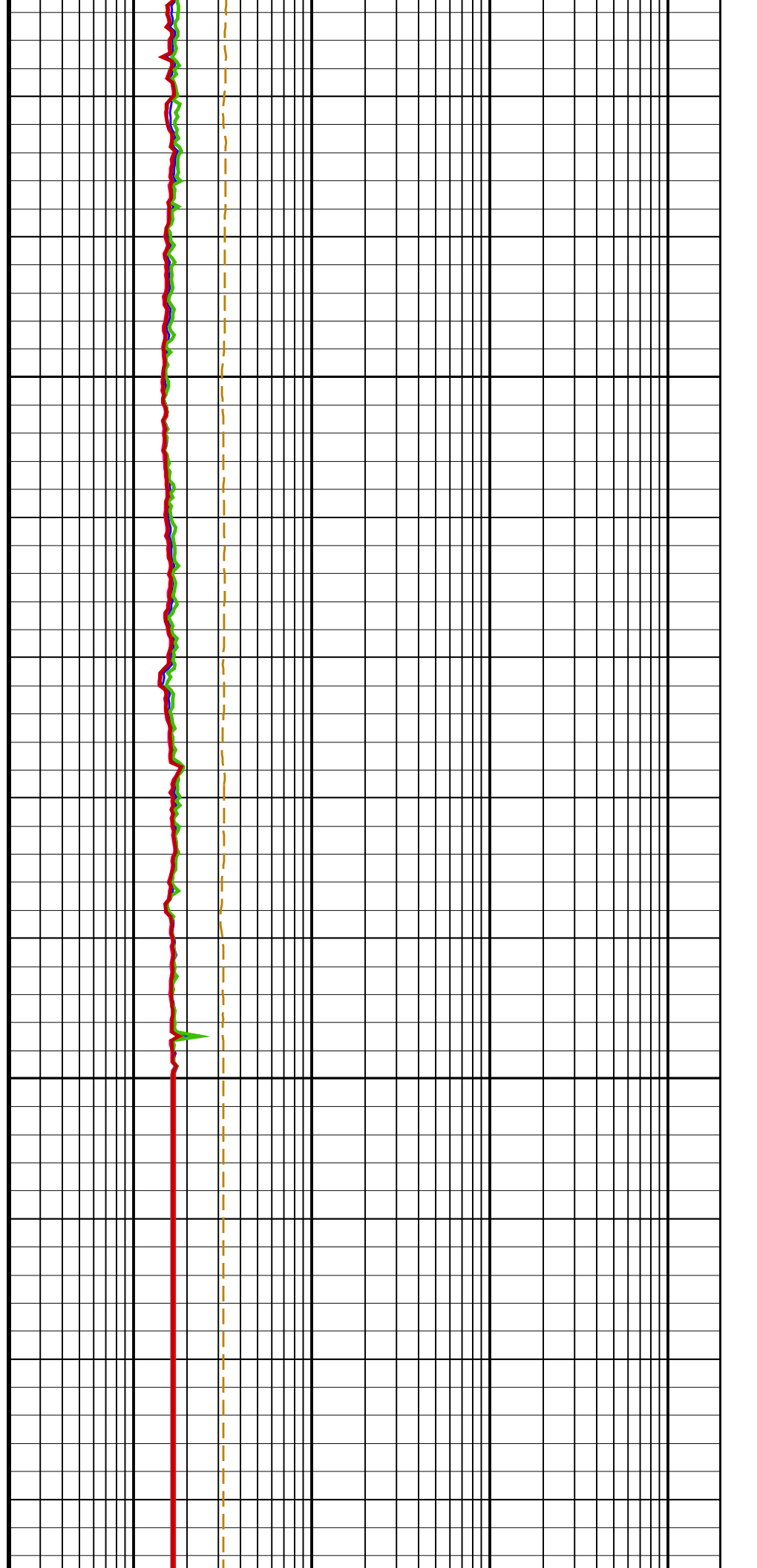


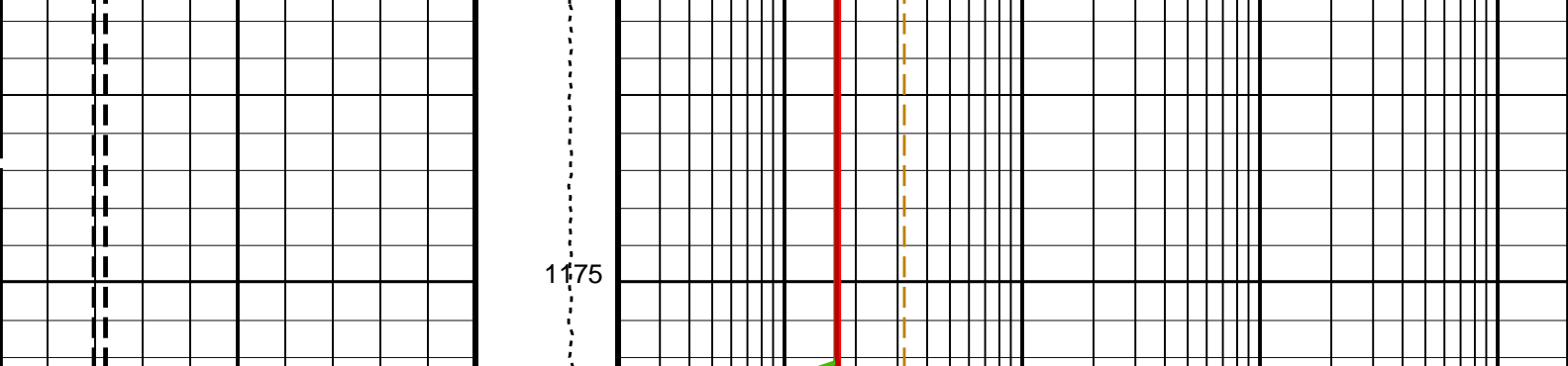




11:25

11:50





Bit Size (BS) (IN)		Tension (TENS) (LBF)	HRLT Resistivity 1 (RLA1) (OHMM)	
6	26	10000 0	0.2	2000
Invasion Diameter (DI_HRLT) (IN)			HRLT Resistivity 2 (RLA2) (OHMM)	
0	50		0.2	2000
			HRLT Resistivity 3 (RLA3) (OHMM)	
			0.2	2000
			HRLT Resistivity 4 (RLA4) (OHMM)	
			0.2	2000
			HRLT Resistivity 5 (RLA5) (OHMM)	
			0.2	2000
			HRLT Mud Resistivity (RM_HRLT) (OHMM)	
			0.02	200
			Invaded Zone Resistivity (RXO_HRLT) (OHMM)	
			0.2	2000
			HRLT True Resistivity (RT_HRLT) (OHMM)	
			0.2	2000

PIP SUMMARY

Time Mark Every 60 S

Parameters			
DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
HRLT-B: High Resolution Laterolog Array – B			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
KFAC_HRLT	HRLT K Factor Option	SONDE	
PROCI NV	Inversion Selection	ON	
PROCMFL	Inversion Micro-Resistivity Selection	NO_EXTERNAL_RXO	
PROCMSO	Mechanical Standoff Fin Size	0	IN
PROCRM	Processing Mud Resistivity Select	HRLT_Compute	
PROCSPO	Sonde Position	Centered	
SHT	Surface Hole Temperature	68	DEGF
HNGS-BA: Hostile Natural Gamma Ray Sonde			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
EDTC-B: Enhanced DTS Cartridge			
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	

GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
System and Miscellaneous			
BS	Bit Size	9.875	IN
MST	Mud Sample Temperature	23.00	DEGC
TD	Total Depth	10190.3	FT

Format: HRLT
Vertical Scale: 1:200
Graphics File Created: 29-Sep-2023 23:46

OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files			
DEFAULT	MSS_LDEO_DSI_HRLA_008LUP	FN:6	PRODUCER 29-Sep-2023 23:45

Company: International Ocean Discovery Program
Well: Expedition 400, Site U1608A

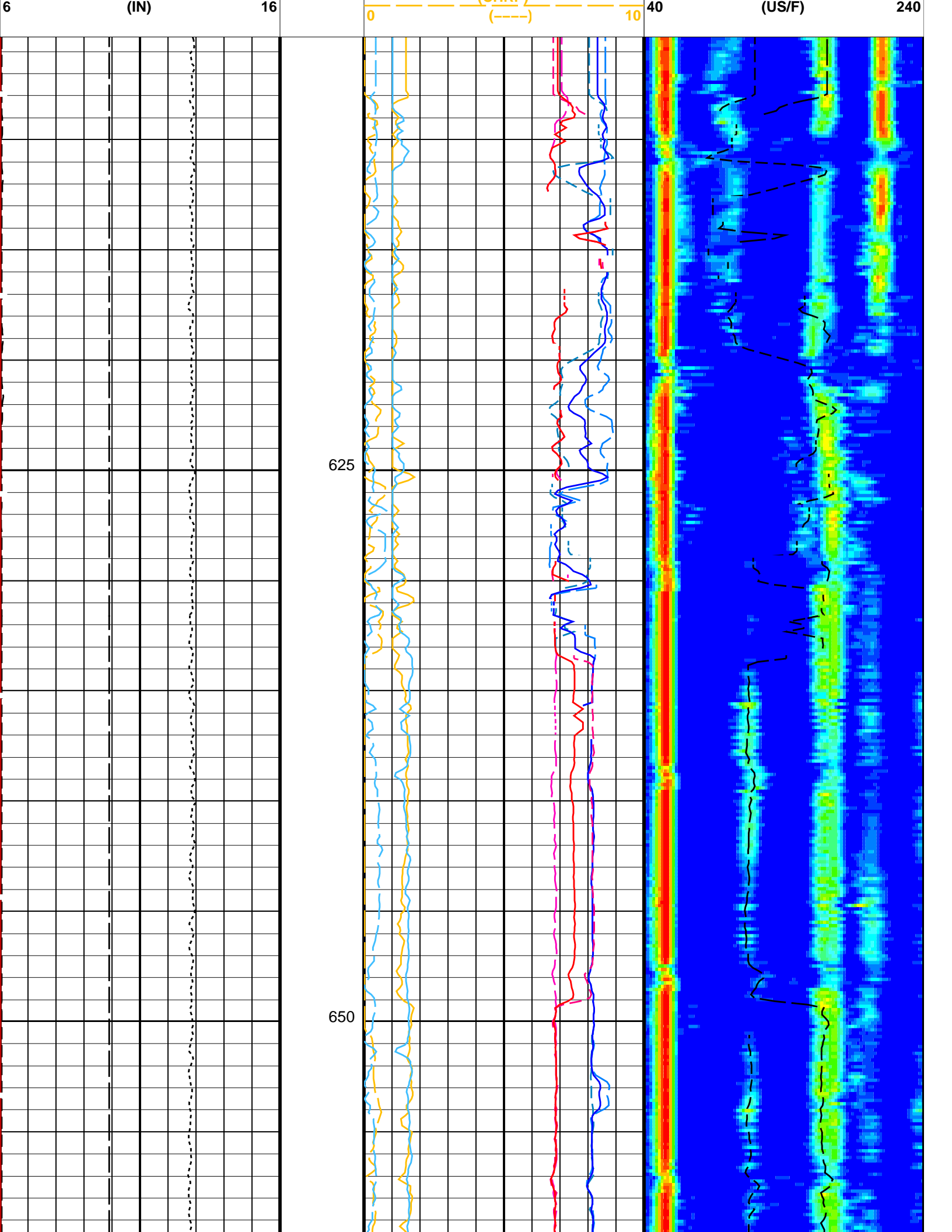
Output DLIS Files			
DEFAULT	MSS_LDEO_DSI_HRLA_008LUP	FN:6	PRODUCER 29-Sep-2023 23:45 1177.3 M 605.3 M

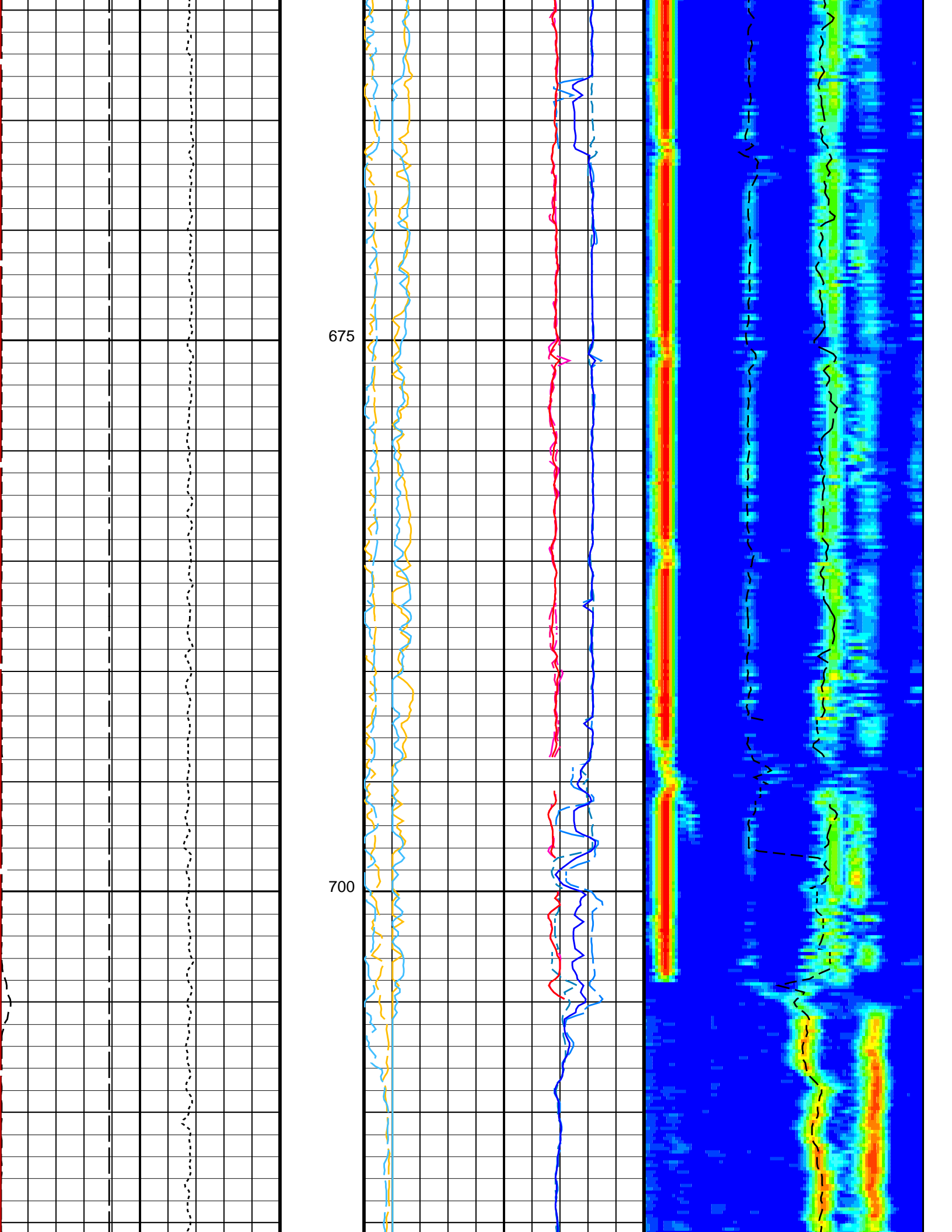
OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

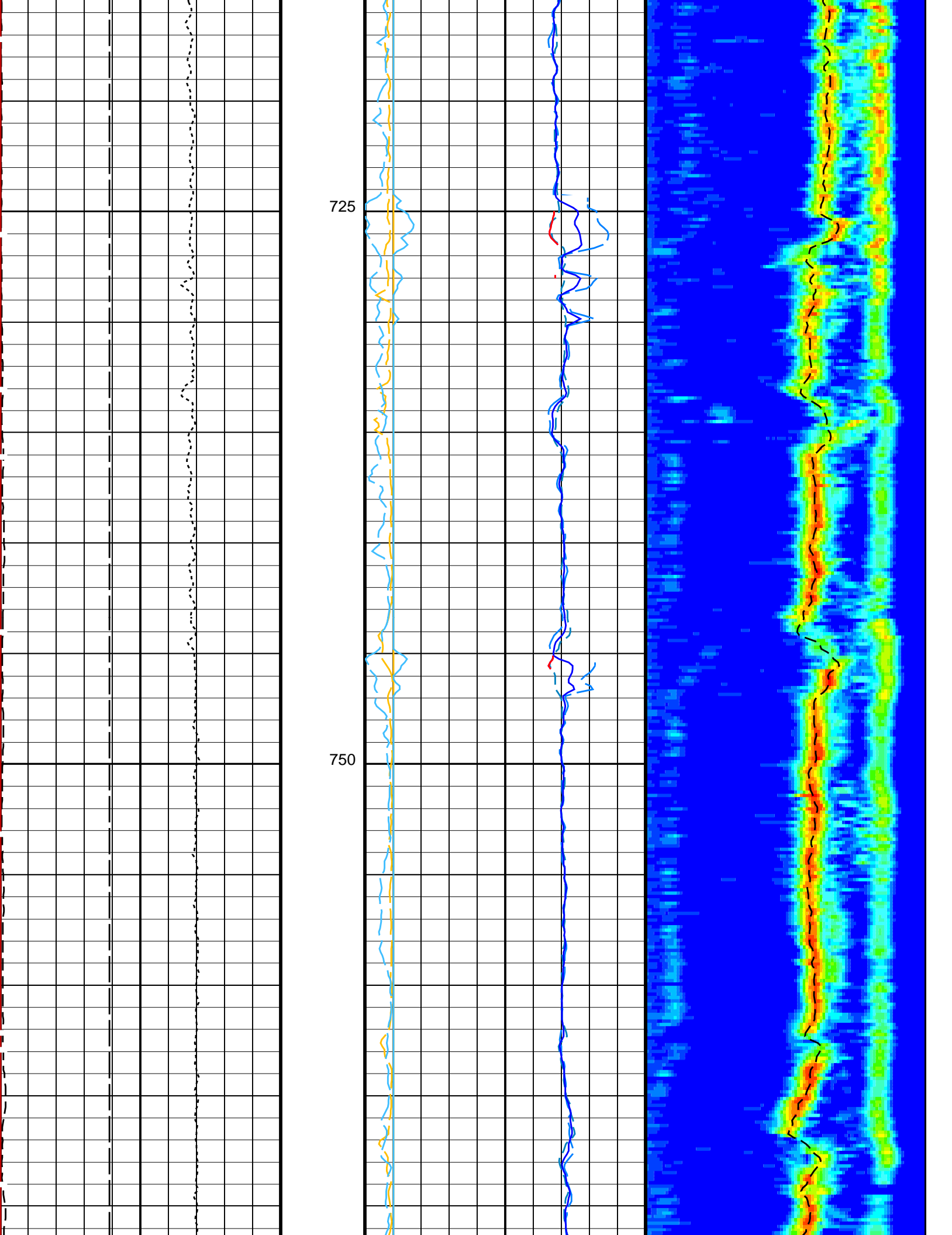
Time Mark Every 60 S

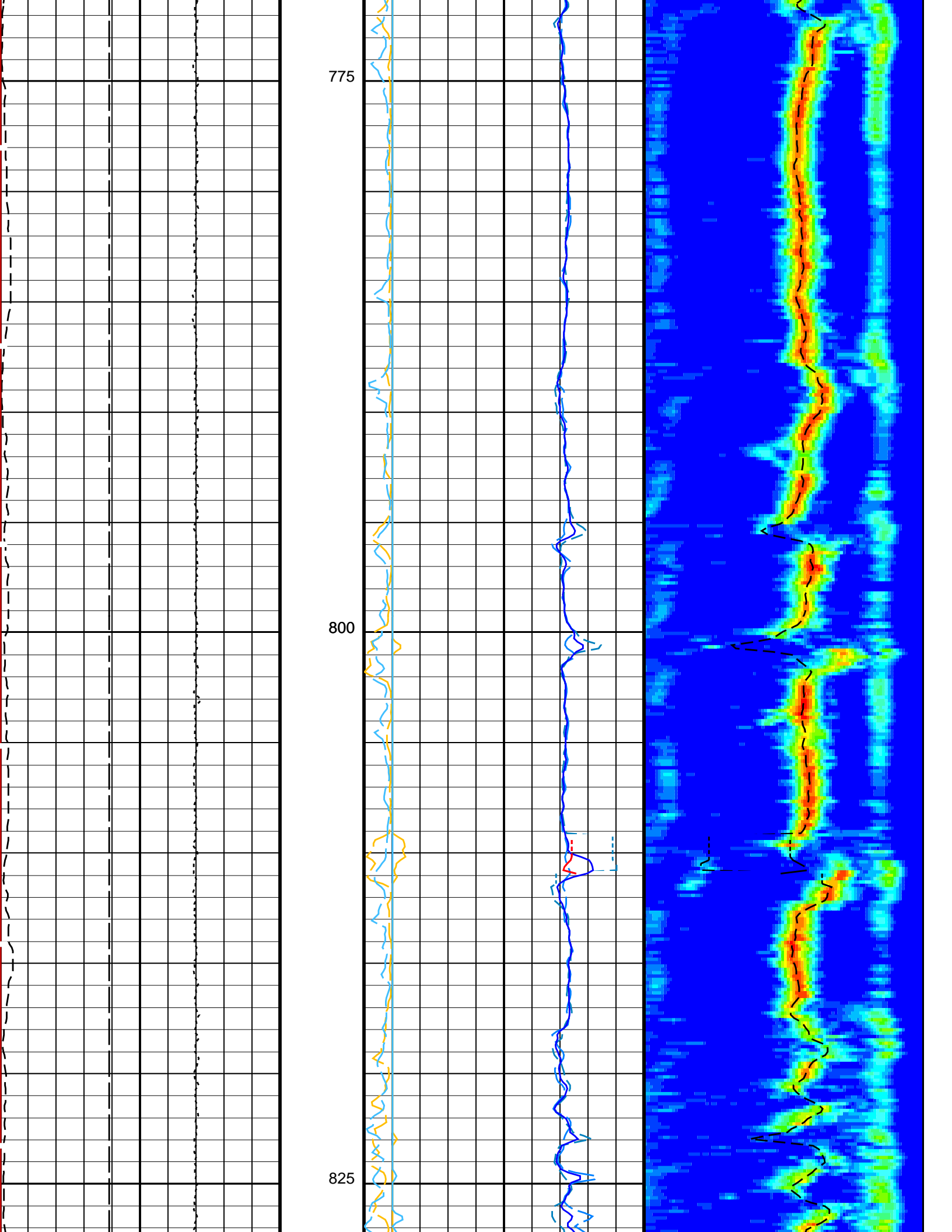
PIP SUMMARY

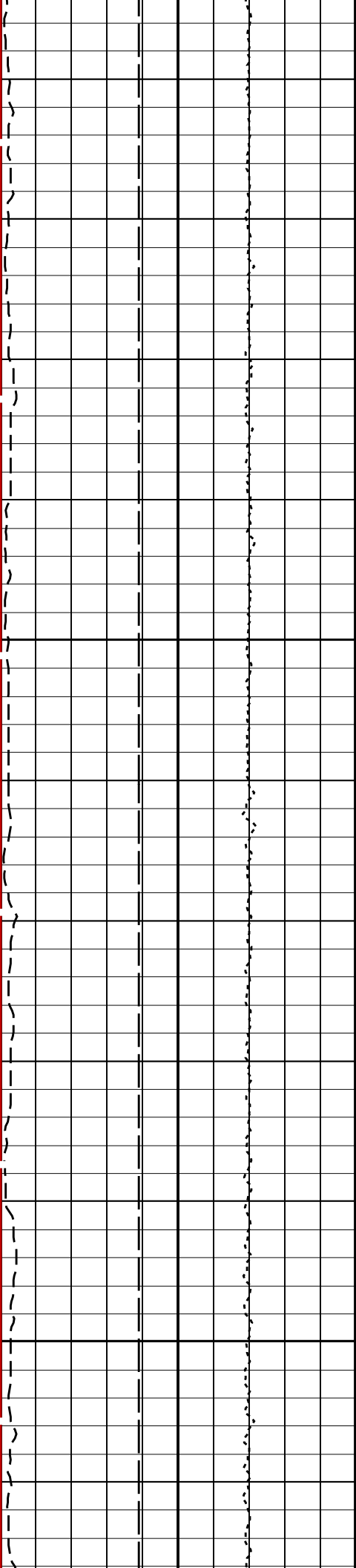
		Delta-T Shear - P & S (DT4S)	
		440 (US/F) 40	
		Delta-T Shear / TA - P & S (DTTS)	
		440 (US/F) 40	
		Delta-T Shear / RA - P & S (DTRS)	
		440 (US/F) 40	
		Delta-T Comp - P & S (DT4P)	
		440 (US/F) 40	
		Delta-T Comp / TA - P & S (DTPP)	
		440 (US/F) 40	
		Delta-T Comp / RA - P & S (DTRP)	
		440 (US/F) 40	
Waveform Data Copy Indicator 4 - Monopole P&S (WCI4)		Peak Coherence / TA - P & S Shear (CHTS)	
0 (----) 10		-1 (----) 9	
Tension (TENS)		Peak Coherence / RA - P & S Shear (CHRS)	
10000 (LBF) 0		-1 (----) 9	
SAM4 Waveform Gain (WFG4)		Peak Coherence / TA - P & S Comp (CHTP)	
0 (----) 1000		0 (----) 10	
Bit Size (BS)		Peak Coherence / RA - P & S Comp (CHRP)	
		Delta-T Shear / RA - P & S (DTRS)	
		40 (US/F) 240	
		Delta-T Comp / RA - P & S (DTRP)	





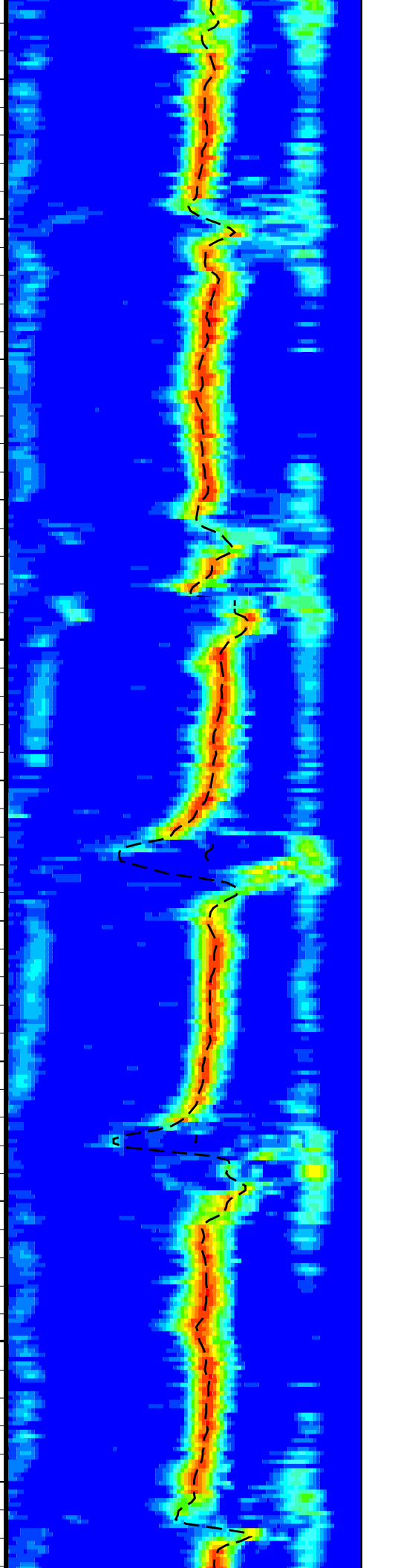
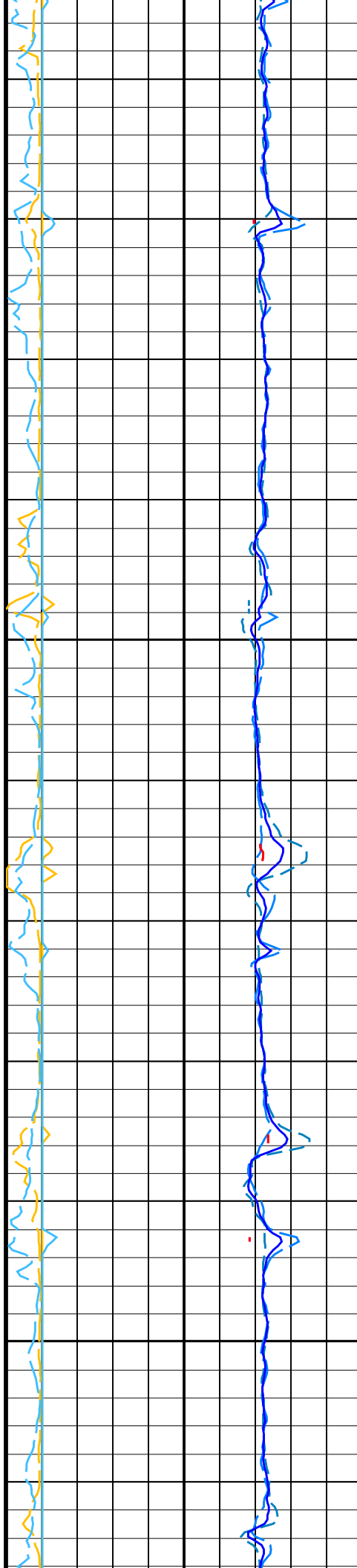


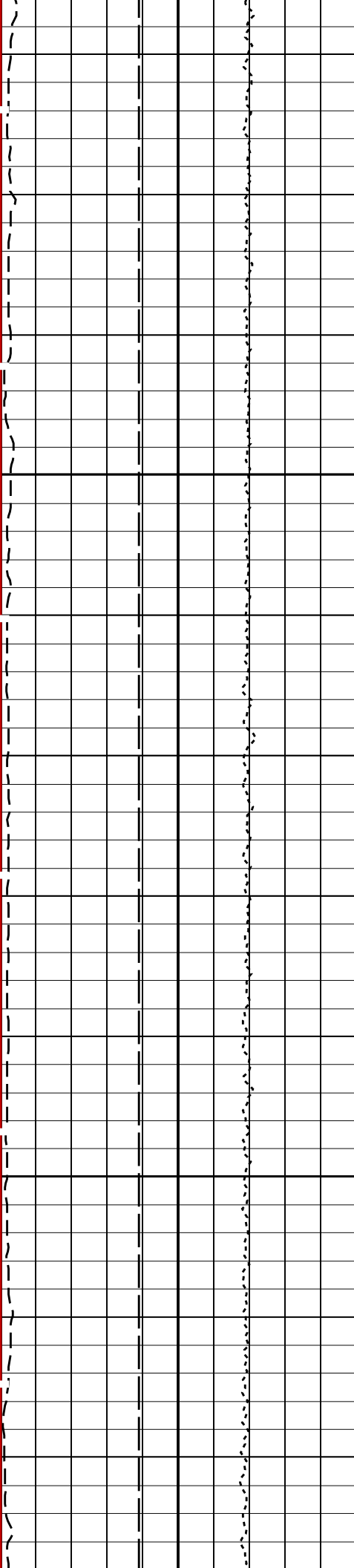




850

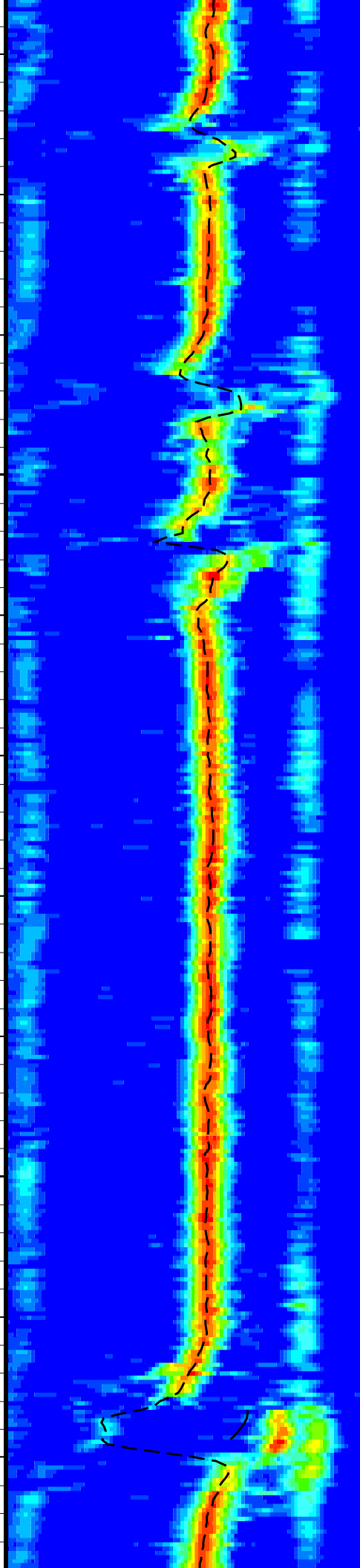
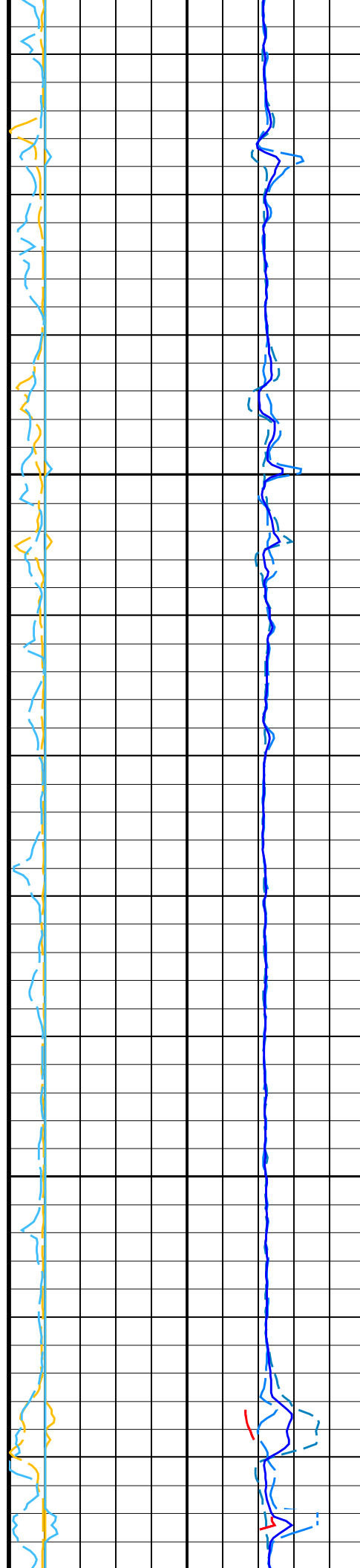
875

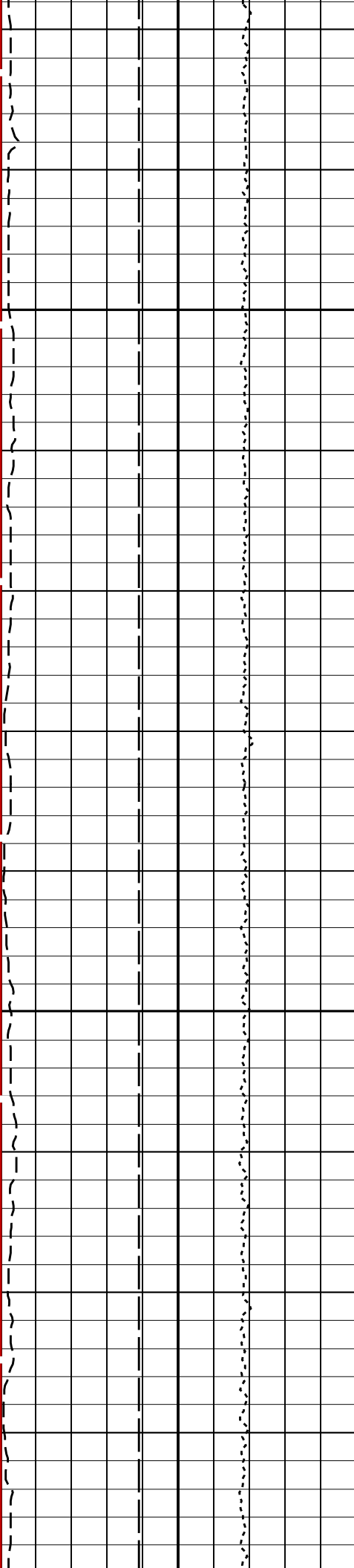




900

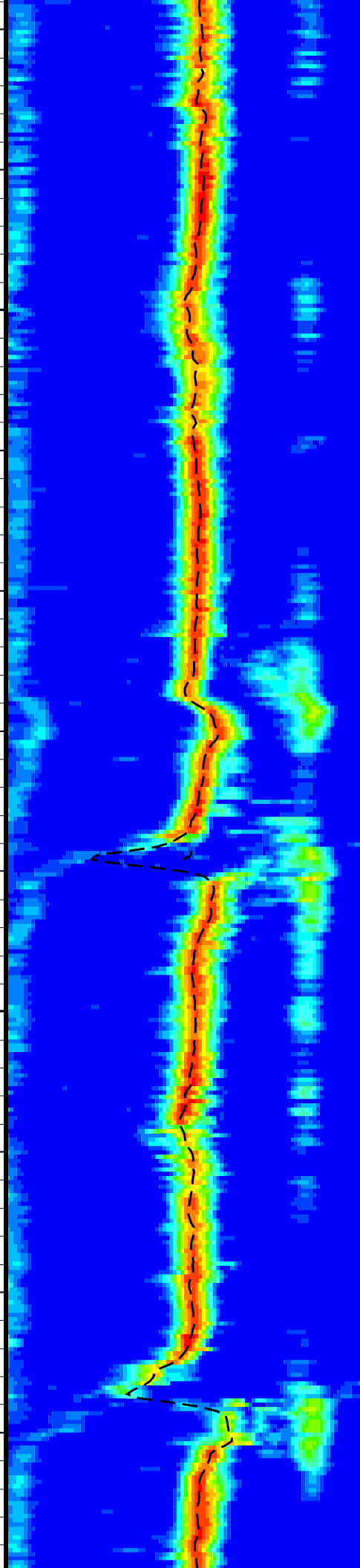
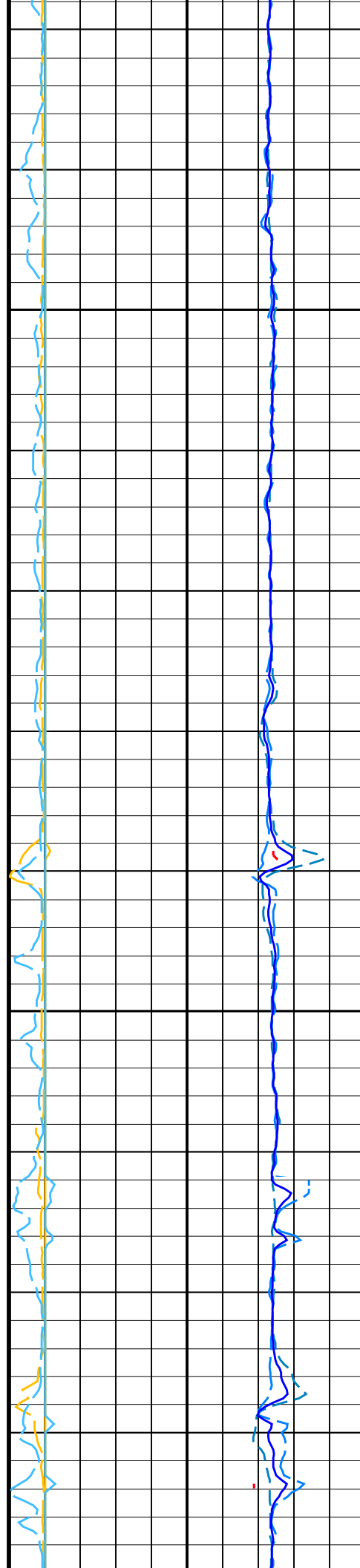
925

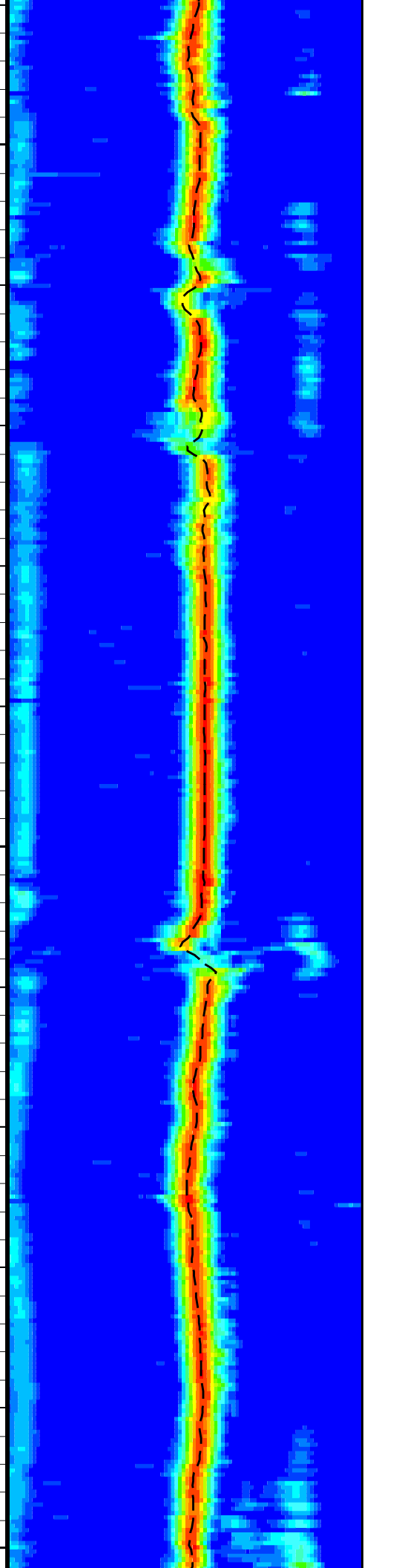
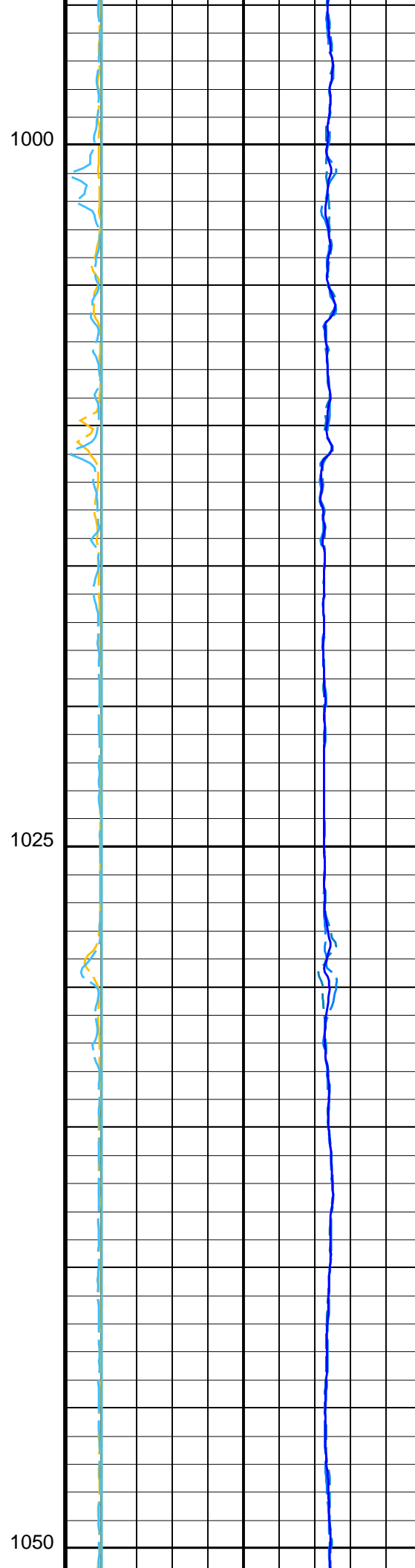
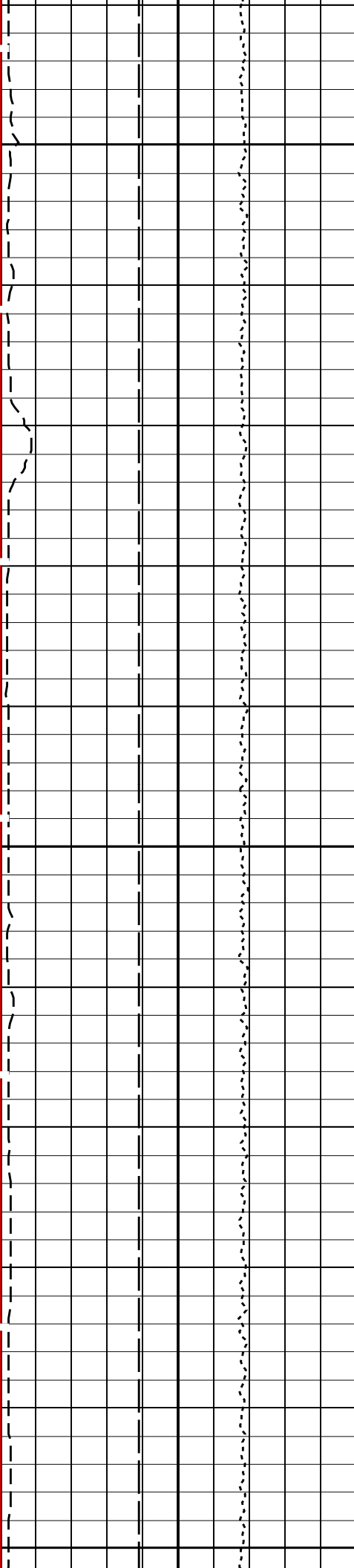


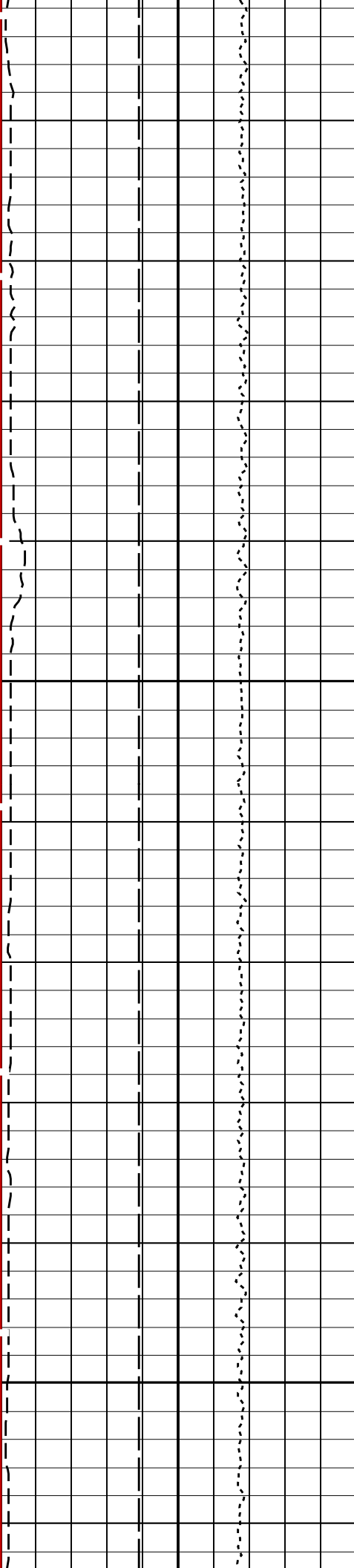


950

975

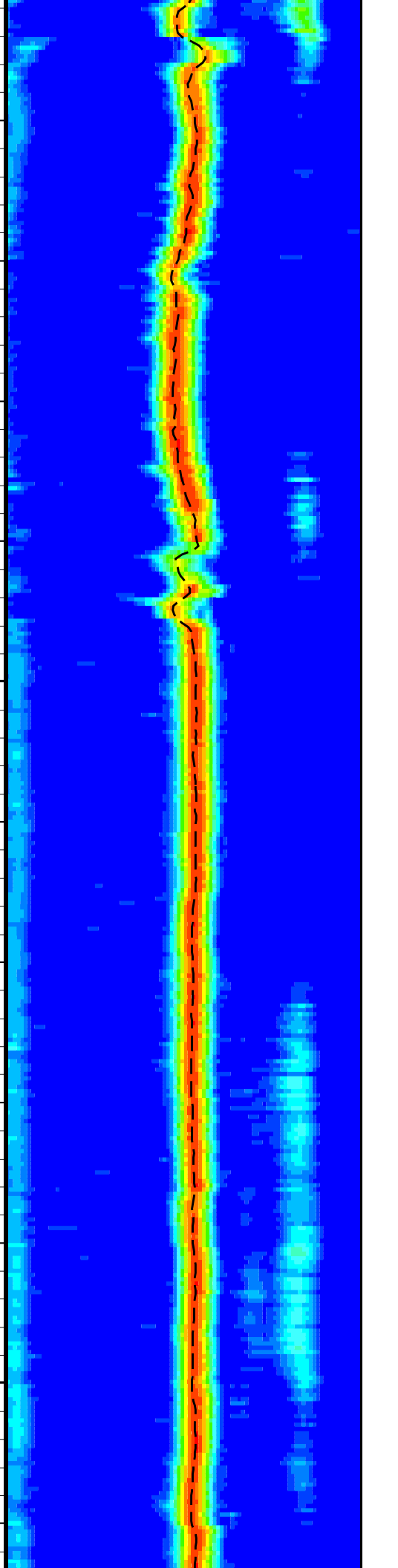
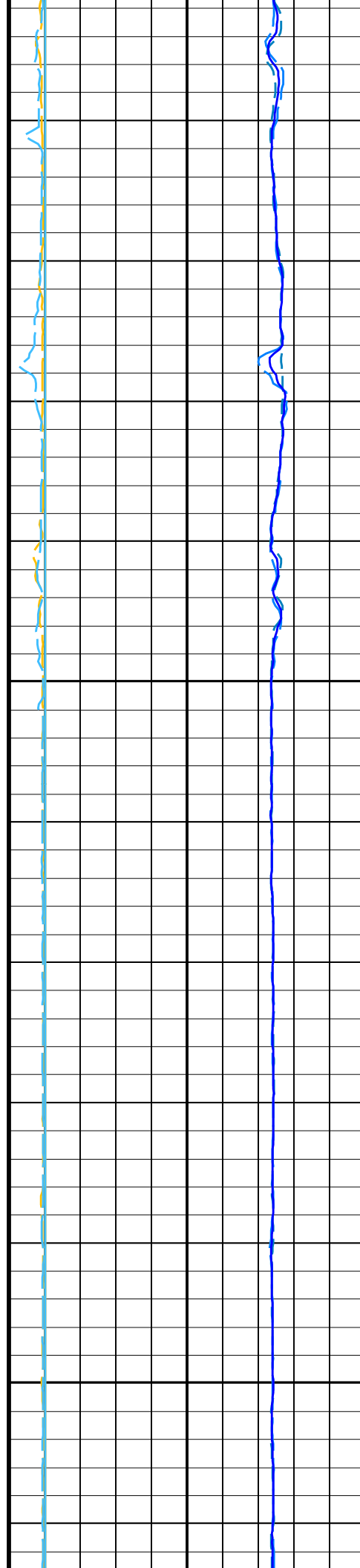


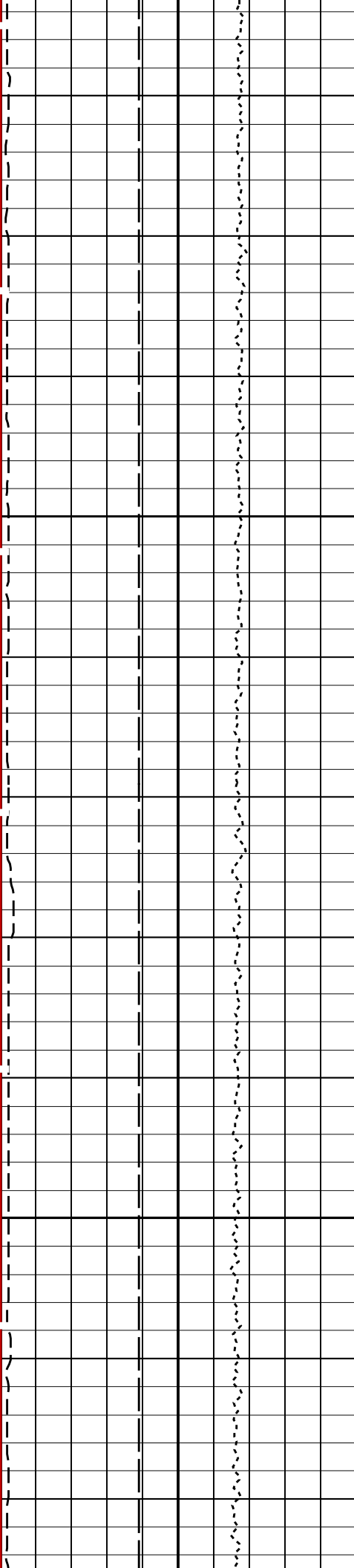




1075

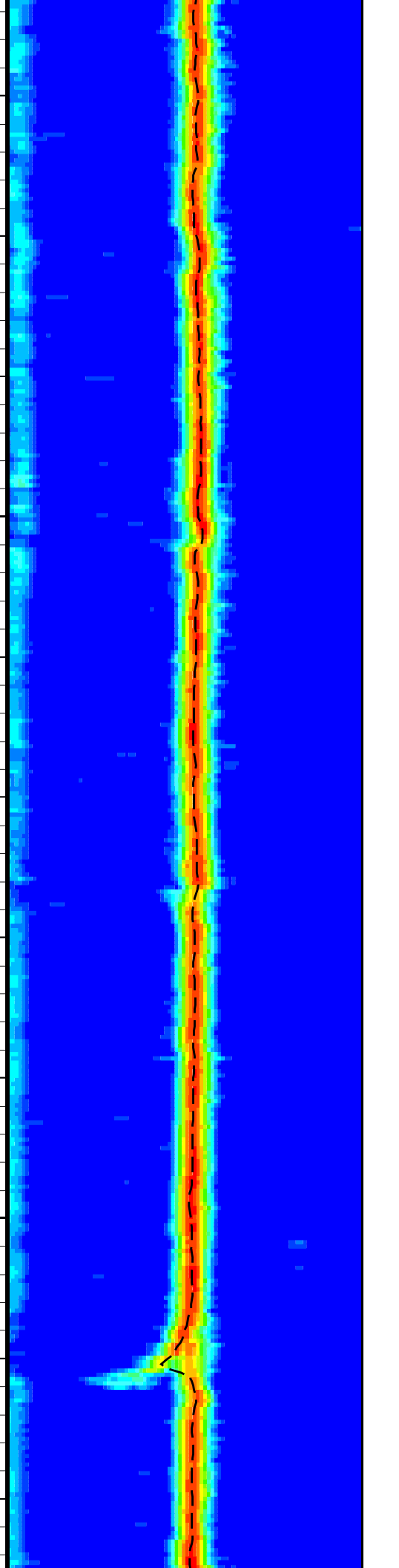
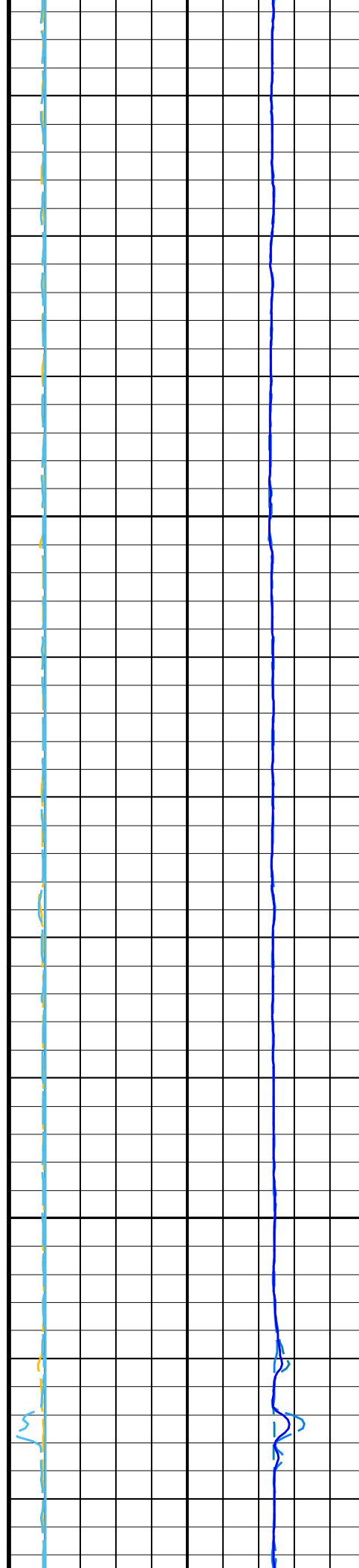
1100

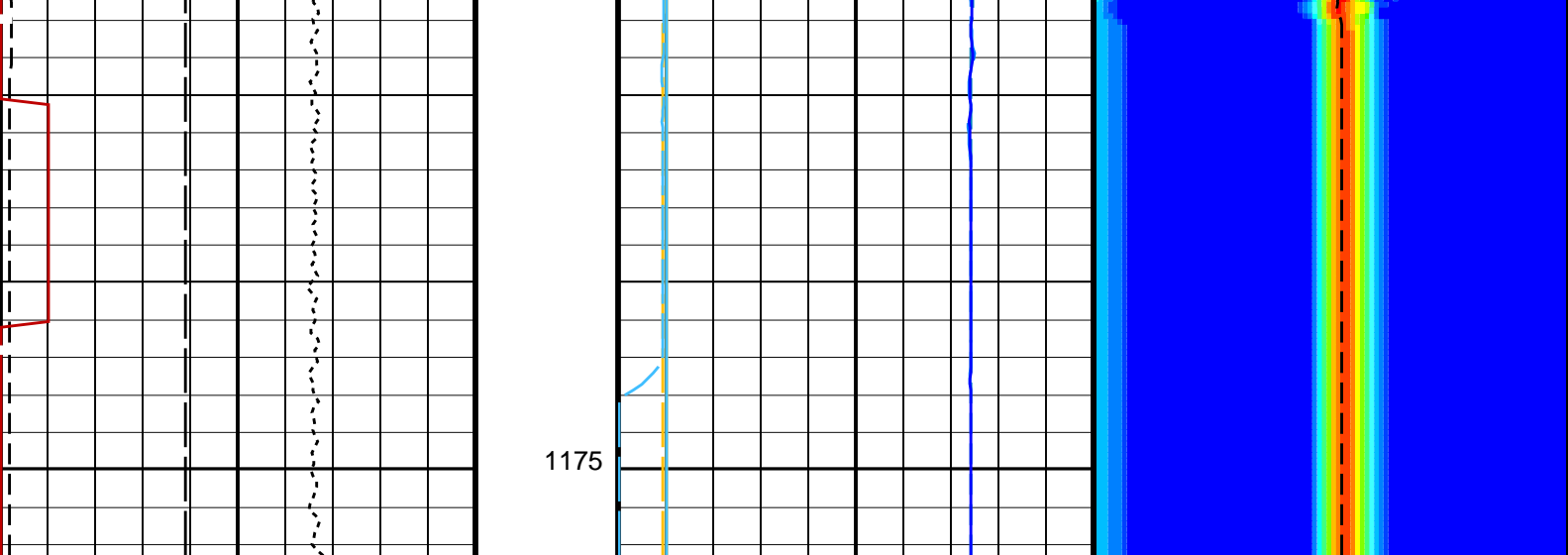




1125

1150





<div>Bit Size (BS) (IN)</div> <div>616</div>	<div>Peak Coherence / RA – P & S Comp (CHRP)</div> <div>010</div>	<div>Delta-T Comp / RA – P & S (DTRP)</div> <div>40240</div>
<div>SAM4 Waveform Gain (WFG4)</div> <div>01000</div>	<div>Peak Coherence / TA – P & S Comp (CHTP)</div> <div>010</div>	<div>Delta-T Shear / RA – P & S (DTRS)</div> <div>40240</div>
<div>Tension (TENS) (LBF)</div> <div>100000</div>	<div>Peak Coherence / RA – P & S Shear (CHRS)</div> <div>-19</div>	<div>MinAmplitudeMax</div> <div>Rec.Array P&S Slow Proj. CVDL (SPR4)</div> <div>40240</div>
<div>Waveform Data Copy Indicator 4 – Monopole P&S (WCI4)</div> <div>010</div>	<div>Peak Coherence / TA – P & S Shear (CHTS)</div> <div>-19</div>	
	<div>Delta-T Comp / RA – P & S (DTRP)</div> <div>44040</div>	
	<div>Delta-T Comp / TA – P & S (DTTP)</div> <div>44040</div>	
	<div>Delta-T Comp – P & S (DT4P)</div> <div>44040</div>	
	<div>Delta-T Shear / RA – P & S (DTRS)</div> <div>44040</div>	
	<div>Delta-T Shear / TA – P & S (DTTS)</div> <div>44040</div>	
	<div>Delta-T Shear – P & S (DT4S)</div> <div>44040</div>	

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	80 US/F
COUL	Label Slowness Upper Limit – Monopole P&S Compressional	180 US/F
DDE4	Digitizing Delay 4	0 US
DDEX	Digitizing Delay X	0 US
DSI4	Digitizer Sample Interval 4	10 US
DSIX	Digitizer Sample Interval X	40 US
DTF	Delta-T Fluid	189 US/F
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
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
SAM4	DSST Sonic Acquisition Mode 4 – Monopole Mode for P&S	ODD	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS4	STC Sonic Array Status – Monopole P&S	255	
SBO4	STC Search Band Offset – Monopole P&S	500	US
SBR4	STC Baseline Removal – Monopole P&S	ON	
SBW4	STC Search Bandwidth – Monopole P&S	2000	US
SFC4	STC Formation Character – Monopole P&S	SELECTABLE	
SFM4	STC Filter – Monopole P&S	B3–20K	
SHLL	Label Slowness Lower Limit – Monopole P&S Shear	75	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	180	US/F
SLL4	STC Slowness Lower Limit – Monopole P&S	40	US/F
SST4	STC Slowness Step – Monopole P&S	2	US/F
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
SUL4	STC Slowness Upper Limit – Monopole P&S	240	US/F
SWD4	STC Slowness Width – Monopole P&S	10	US/F
TBF4	STC Time for Baseline Fill – Monopole P&S	300	US
TLL4	STC Time Lower Limit – Monopole P&S	150	US
TST4	STC Time Step – Monopole P&S	50	US
TUL4	STC Time Upper Limit – Monopole P&S	3660	US
TWD4	STC Time Width – Monopole P&S	1000	US
TWI4	STC Integration Time Window – Monopole P&S	500	US
TWSX	Transmitter Waveform Select X	0	
WFM4	Waveform Mode 4	W1	
BHS	HRLT–B: High Resolution Laterolog Array – B Borehole Status	OPEN	
BHS	HNGS–BA: Hostile Natural Gamma Ray Sonde Borehole Status	OPEN	
BHS	EDTC–B: Enhanced DTS Cartridge Borehole Status	OPEN	
BS	System and Miscellaneous Bit Size	9.875	IN

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 29–Sep–2023 23:45

OP System Version: 19C0–187

MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_008LUP FN:6 PRODUCER 29–Sep–2023 23:45

Company: International Ocean Discovery Program Well: Expedition 400, Site U1608A

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_008LUP FN:6 PRODUCER 29–Sep–2023 23:45 1177.3 M 605.3 M

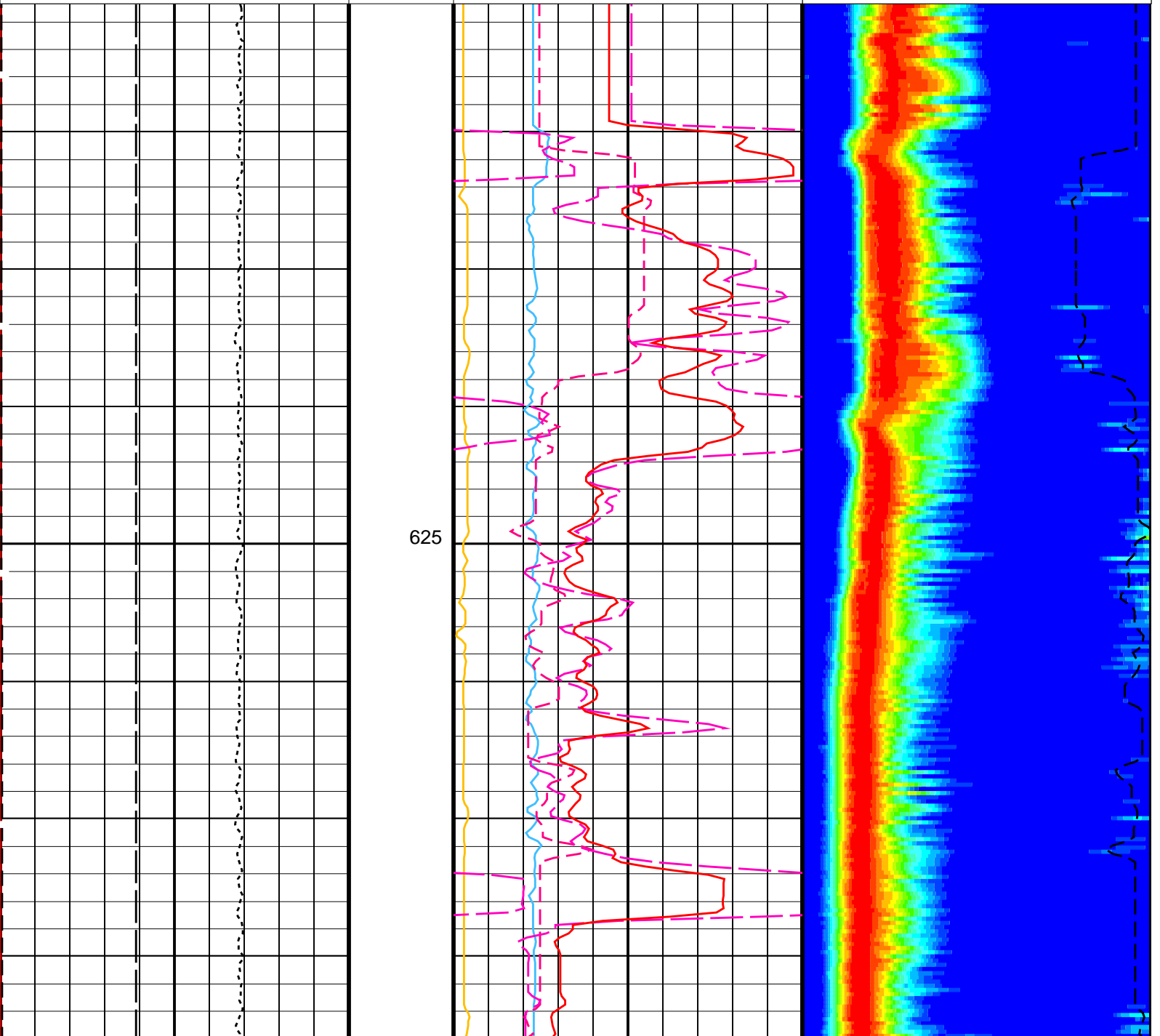
OP System Version: 19C0–187

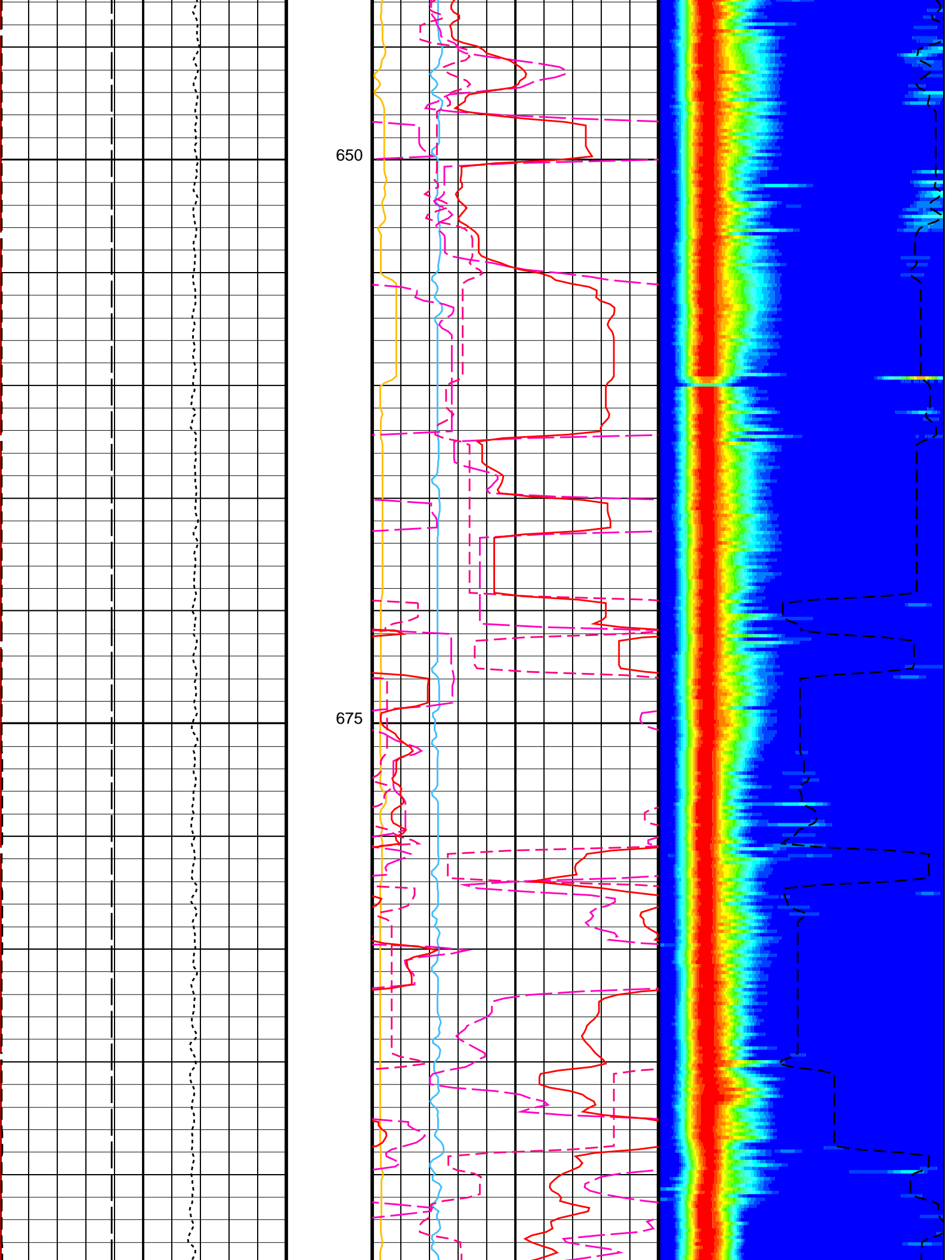
MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

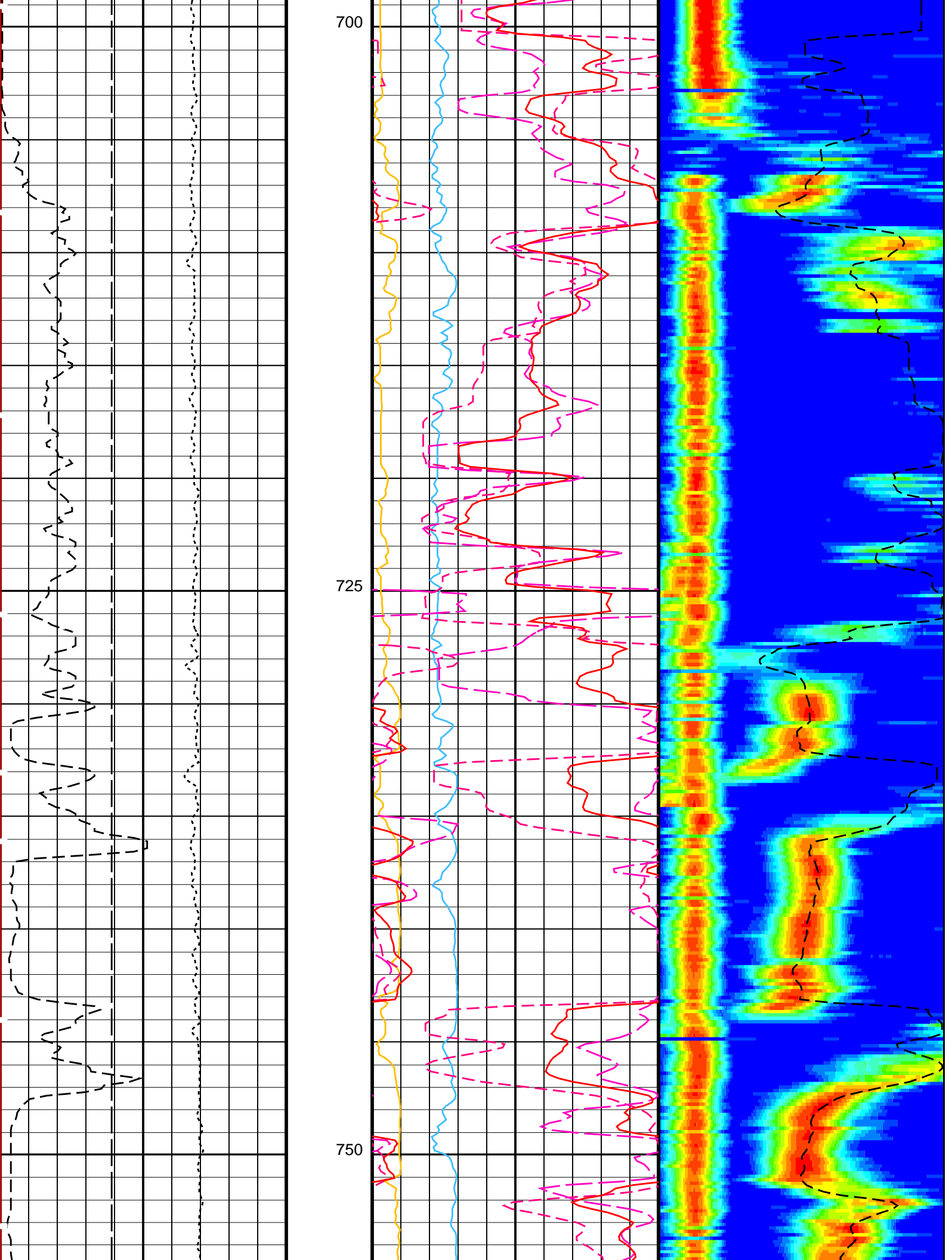
PIP SUMMARY

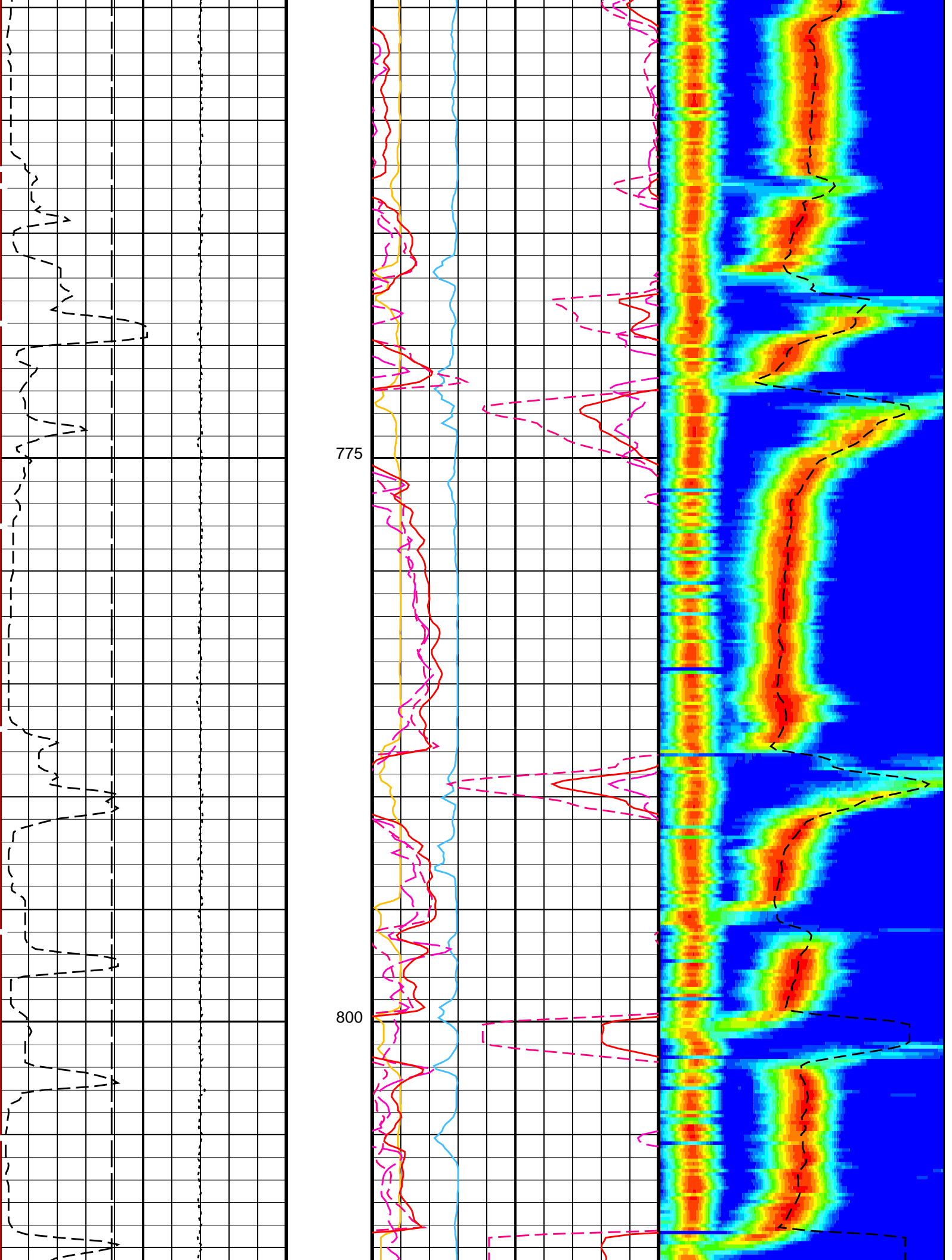
Time Mark Every 60 S

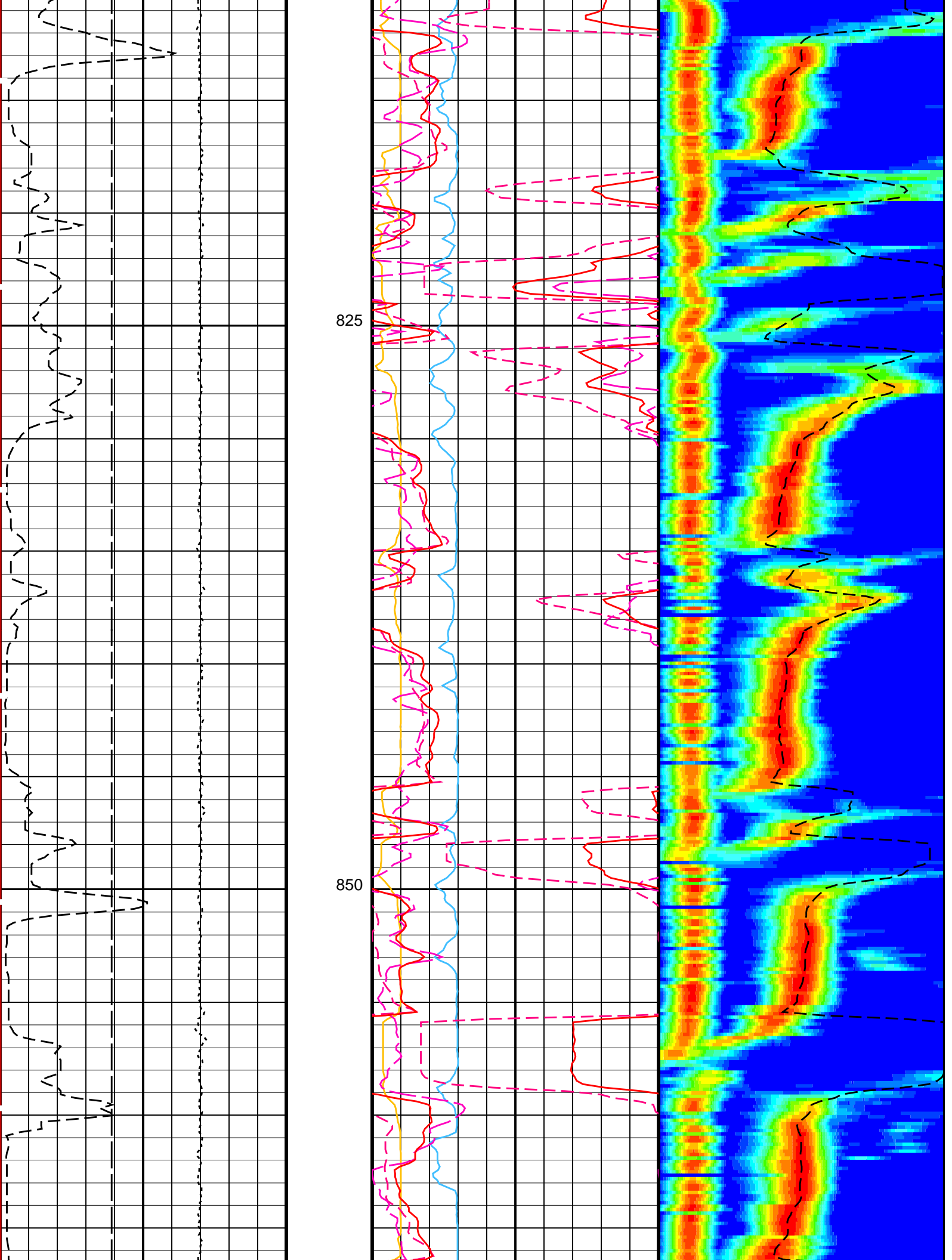
<div>Waveform Data Copy Indicator 2 – Upper Dipole (WC12)</div> <div>0 (----) 10</div> <div>Tension (TENS)</div> <div>10000 (LBF) 0</div> <div>SAM2 Waveform Gain (WFG2)</div> <div>0 (----) 1000</div> <div>Bit Size (BS)</div> <div>6 (IN) 16</div>	Delta-T Shear – Upper Dipole (DT2)	440 (US/F) 40	<div>Min Amplitude Max</div> <div>Rec.Array U.Dipole Slow Proj. CVDL (SPR2) (US/F) 75 775</div>
	Delta-T Shear / TA – Upper Dipole (DT2T)	440 (US/F) 40	
	Delta-T Shear / RA – Upper Dipole (DT2R)	440 (US/F) 40	
	Peak Coherence / TA – Upper Dipole (CHT2)	-2 (----) 8	
	Peak Coherence / RA – Upper Dipole (CHR2)	0 (----) 10	
			Delta-T Shear / RA – Upper Dipole (DT2R) (US/F) 75 775

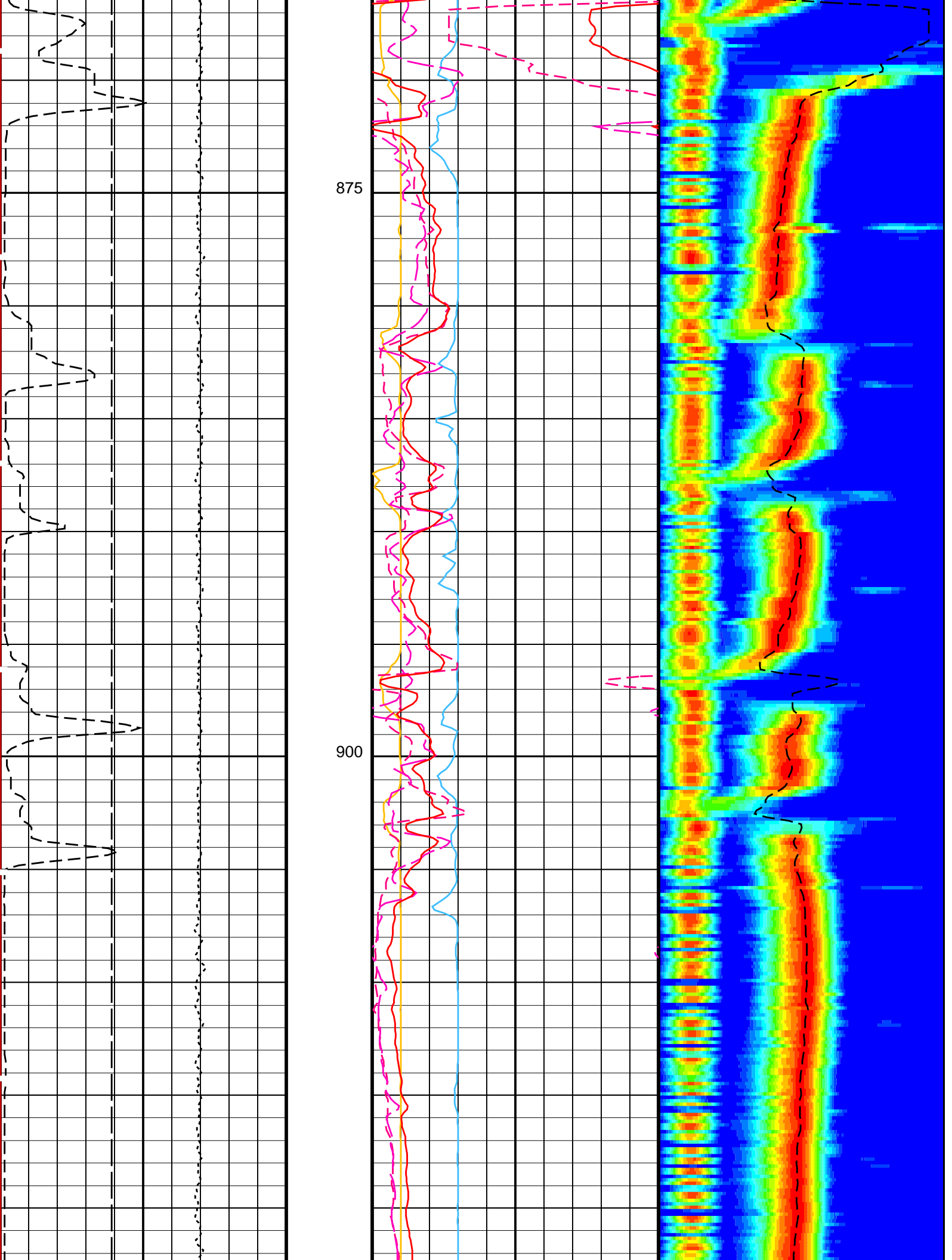


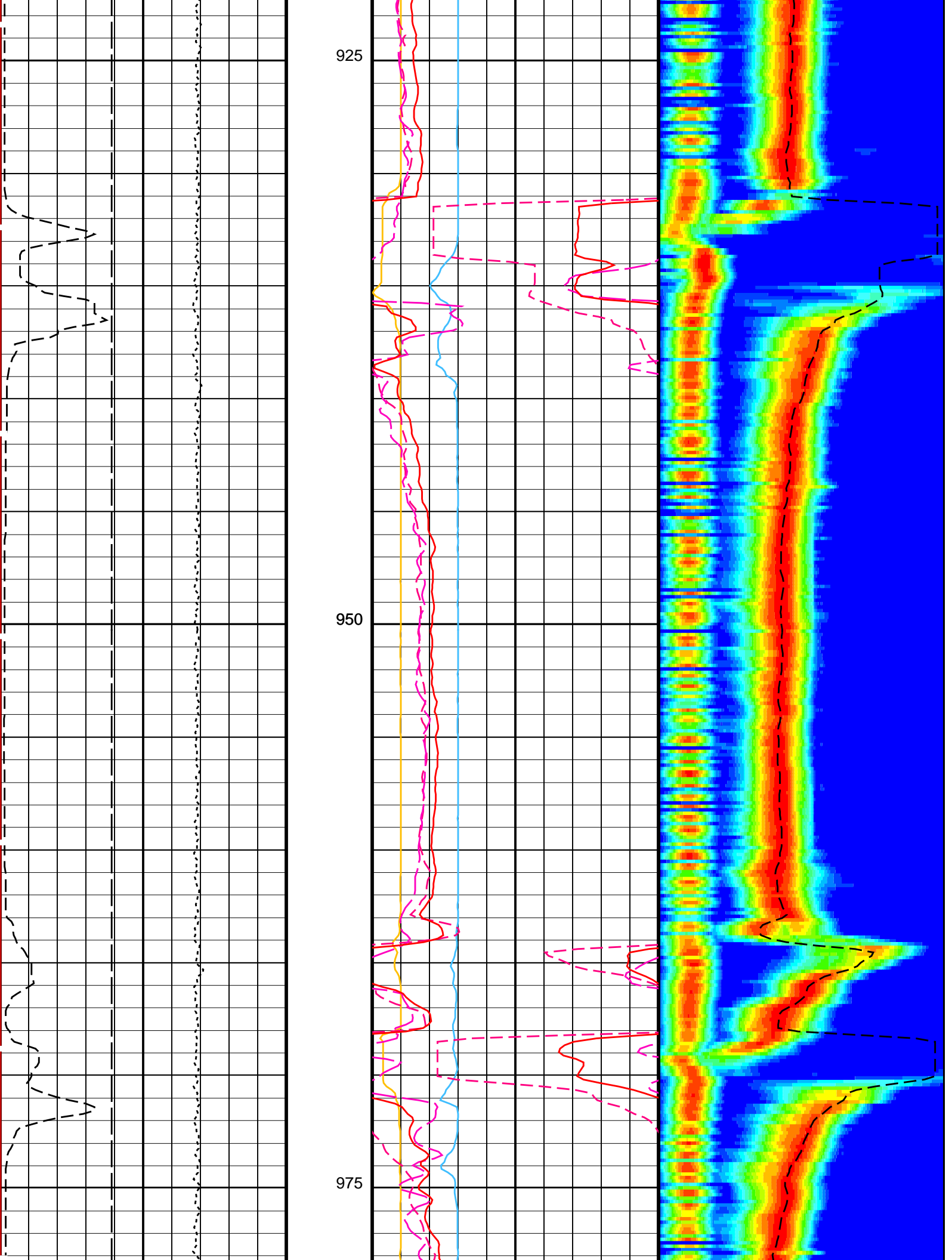


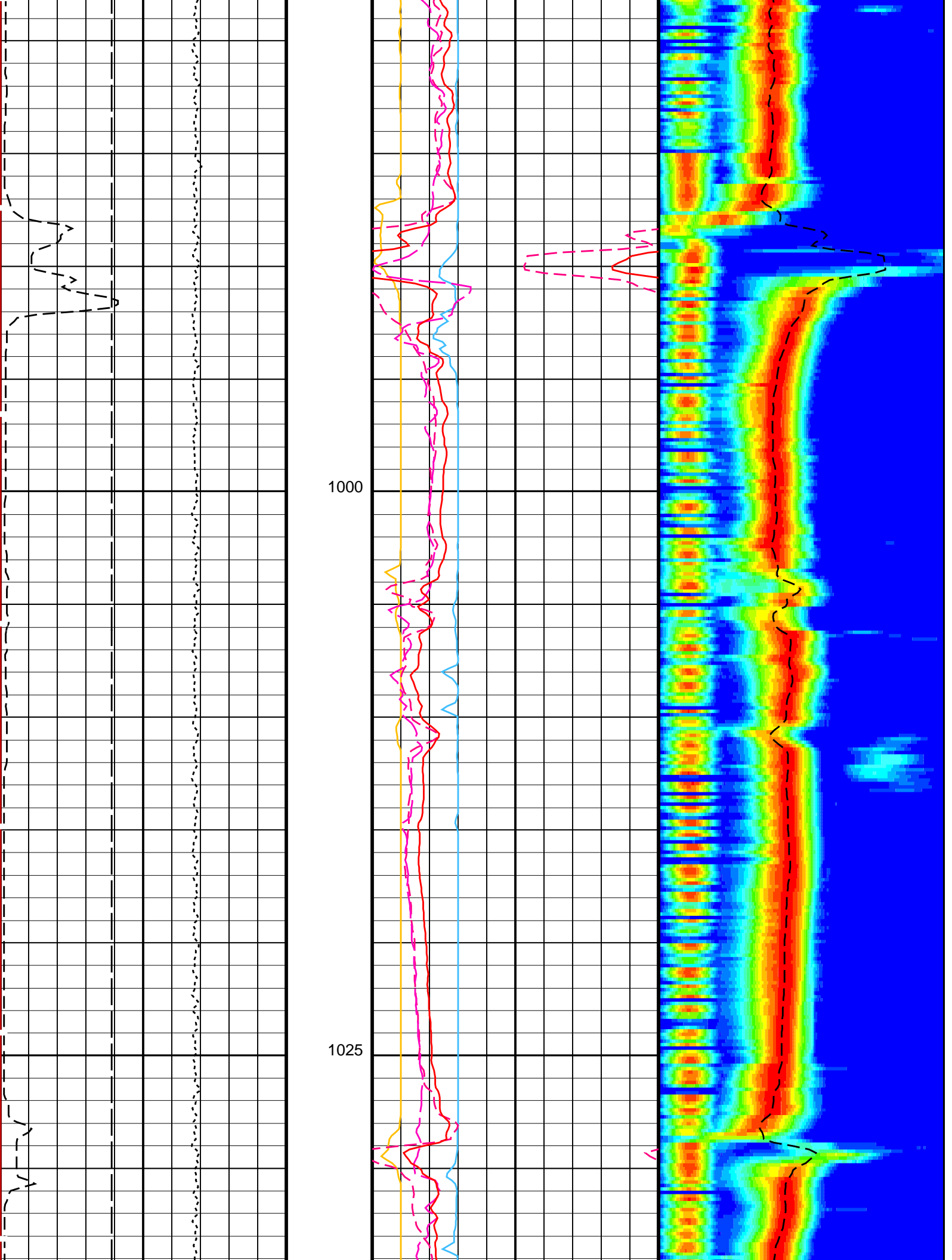


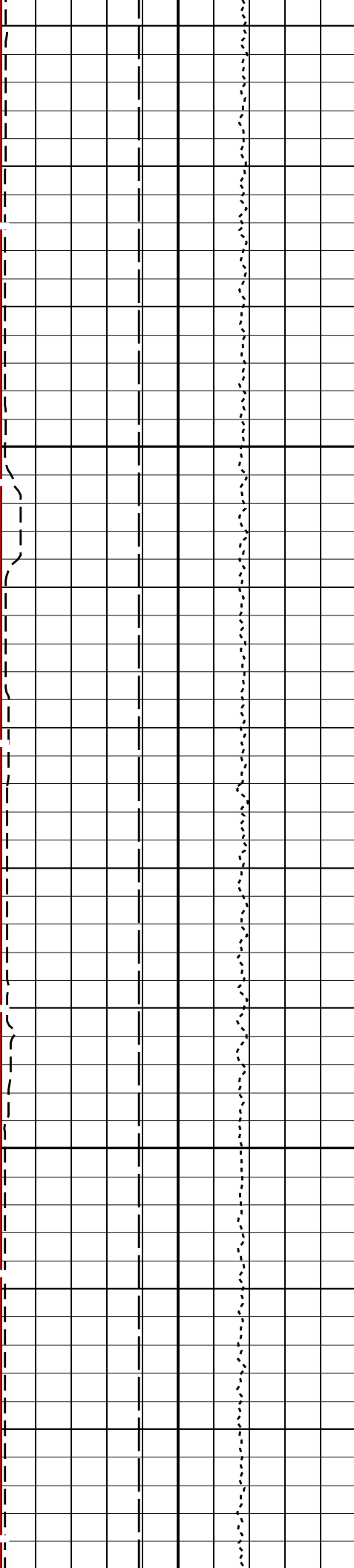






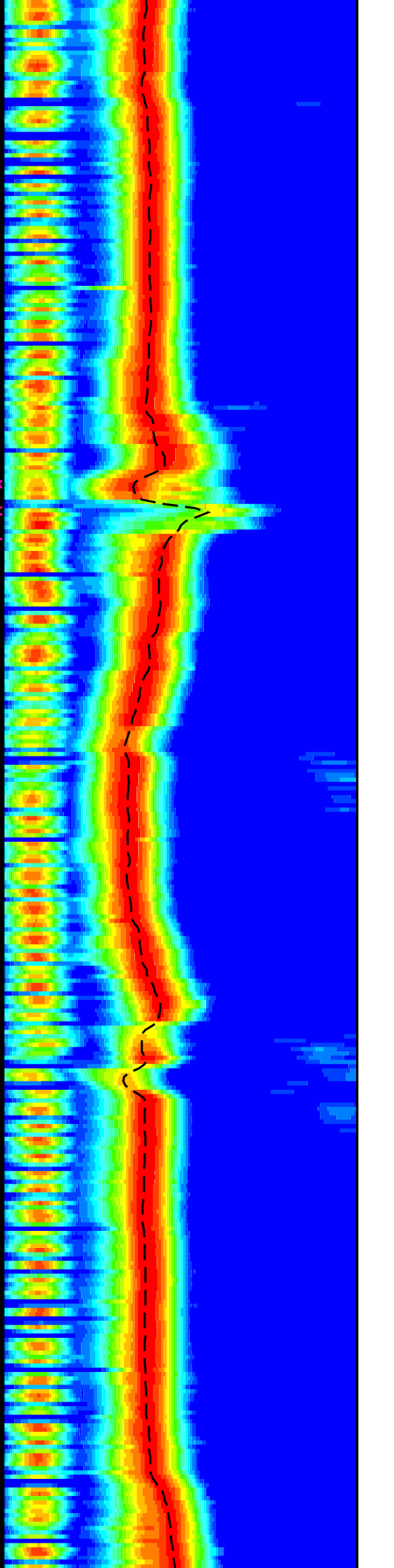
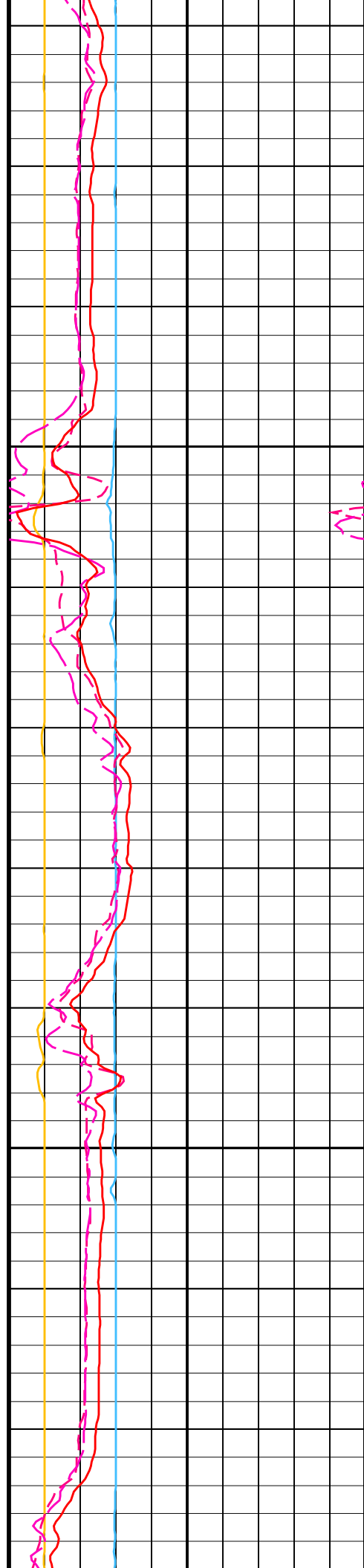


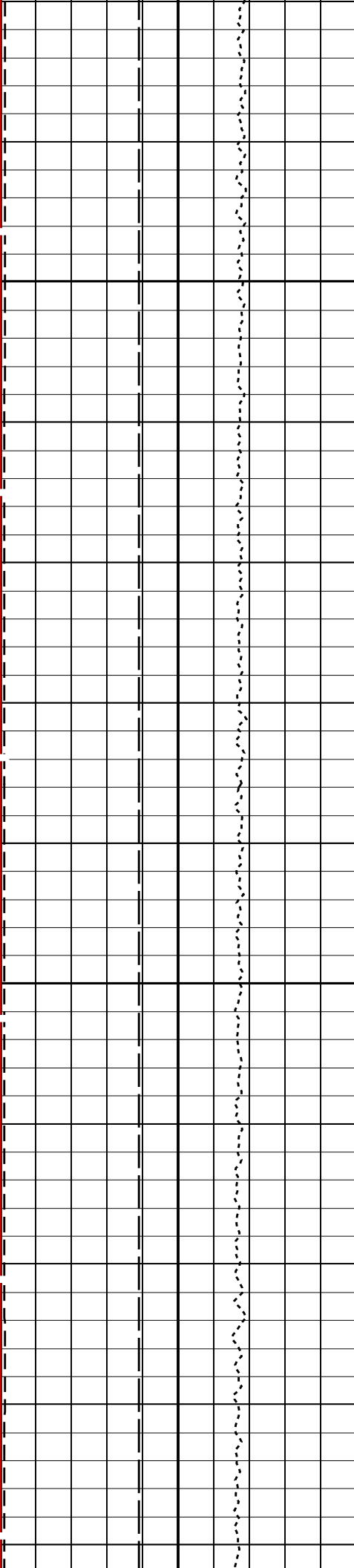




1050

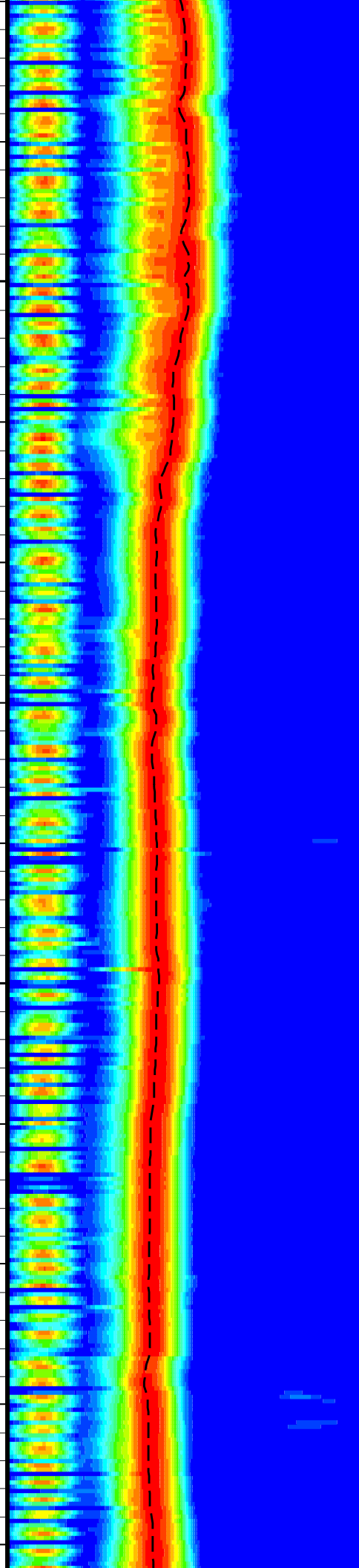
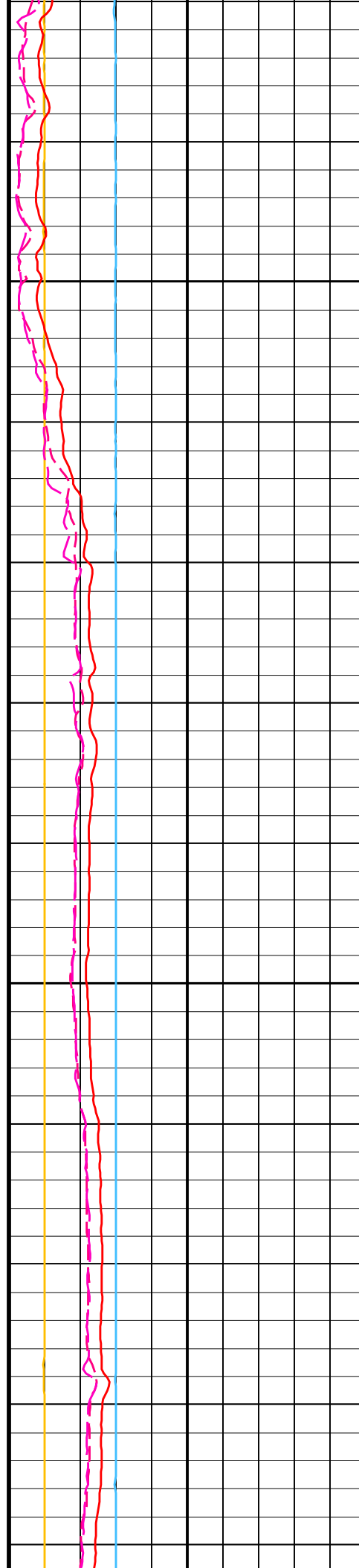
1075

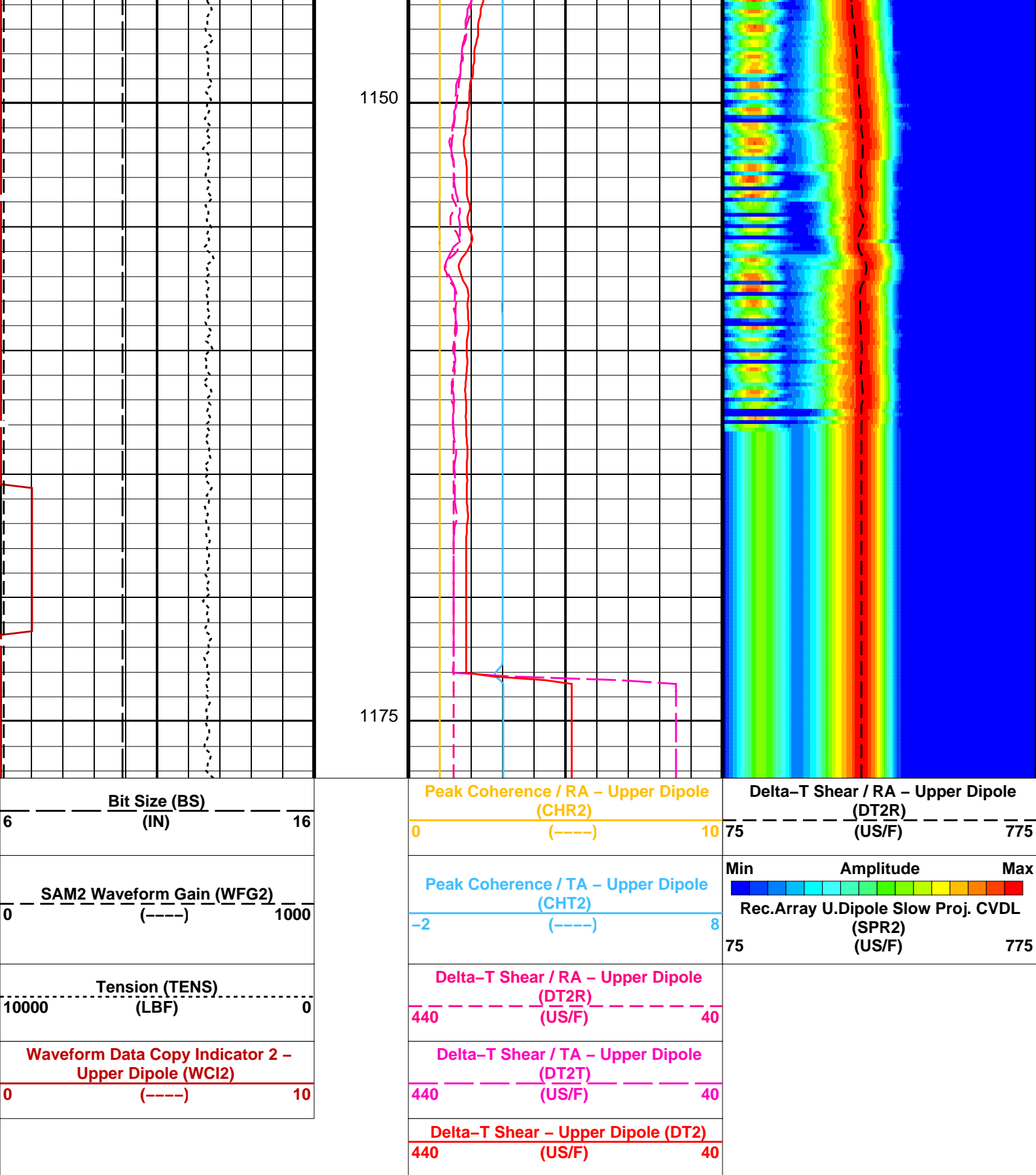




1100

1125





PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DSST-B: Dipole Shear Imager – B		
DDE2	Digitizing Delay 2	0 US
DDEX	Digitizing Delay X	0 US
DLCS	Label Compressional Source – Dipole Shear	USE

DSHL	Label Slowness Lower Limit – Dipole Shear	300	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	775	US/F
DSI2	Digitizer Sample Interval 2	40	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta-T Source for DTCO Channel	PS_COMP	
DWC2	Digitizer Word Count 2	512	
DWCX	Digitizer Word Count X	512	
NWI2	Number Waveform Items 2	8	
NWIX	Number Waveform Items X	0	
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	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS2	STC Sonic Array Status – Upper Dipole	255	
SBO2	STC Search Band Offset – Upper Dipole	3000	US
SBW2	STC Search Bandwidth – Upper Dipole	8000	US
SFC2	STC Formation Character – Upper Dipole	SELECTABLE	
SFM2	STC Filter – Upper Dipole	B1–3K	
SLL2	STC Slowness Lower Limit – Upper Dipole	75	US/F
SST2	STC Slowness Step – Upper Dipole	4	US/F
SSW2	STC Source Waveform – Upper Dipole	WF_SAM2	
SUL2	STC Slowness Upper Limit – Upper Dipole	775	US/F
SWD2	STC Slowness Width – Upper Dipole	40	US/F
TBF2	STC Time for Baseline Fill – Upper Dipole	0	US
TLL2	STC Time Lower Limit – Upper Dipole	600	US
TST2	STC Time Step – Upper Dipole	200	US
TUL2	STC Time Upper Limit – Upper Dipole	15525	US
TWD2	STC Time Width – Upper Dipole	2000	US
TWI2	STC Integration Time Window – Upper Dipole	1600	US
TWSX	Transmitter Waveform Select X	0	
UTXG	Upper Dipole Transmitter Geometry	162	IN
WFM2	Waveform Mode 2	W1	
System and Miscellaneous			
BS	Bit Size	9.875	IN

Format: DSST_UPPER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 29-Sep-2023 23:46

OP System Version: 19C0–187

MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_008LUP FN:6 PRODUCER 29-Sep-2023 23:45

Company: International Ocean Discovery Program Well: Expedition 400, Site U1608A

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_008LUP FN:6 PRODUCER 29-Sep-2023 23:45 1177.3 M 605.3 M

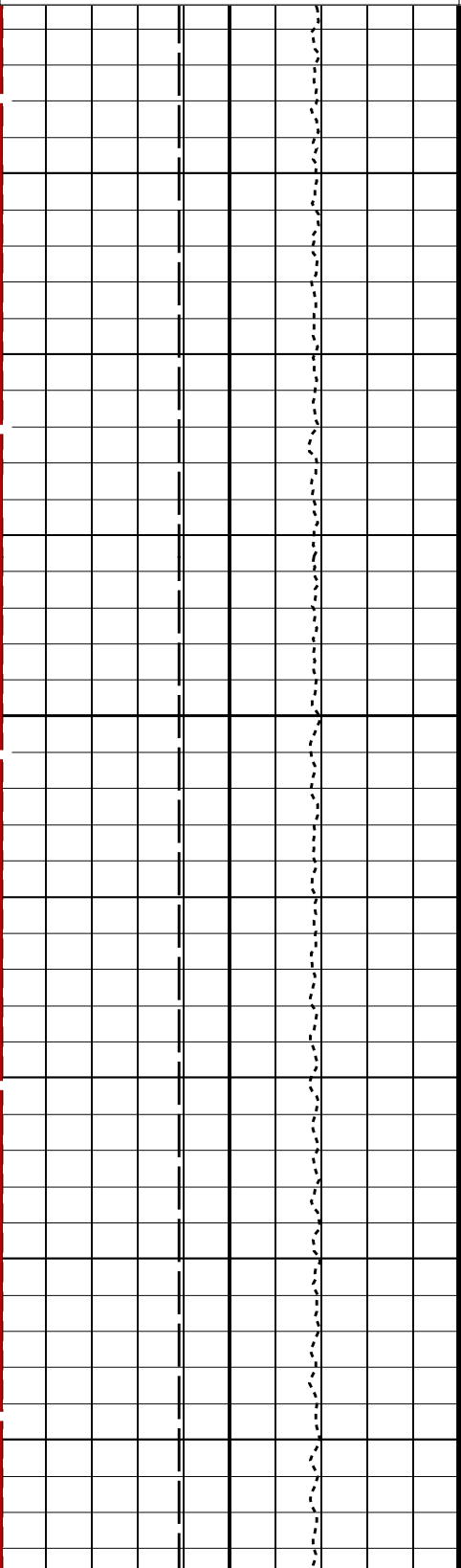
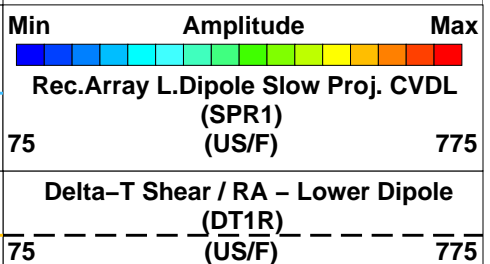
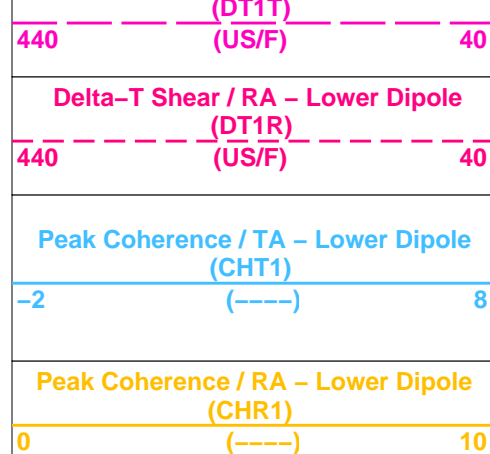
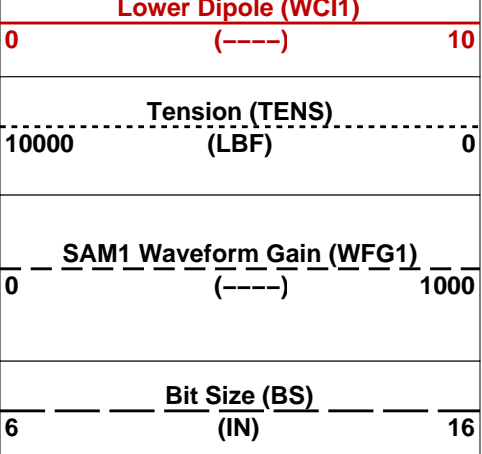
OP System Version: 19C0–187

MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

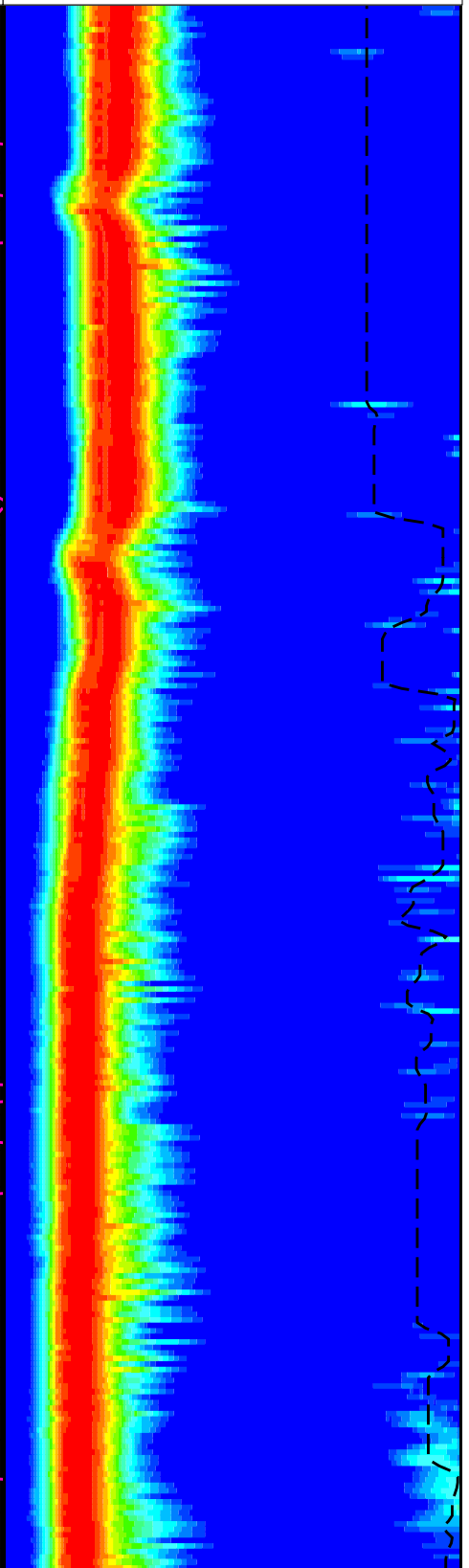
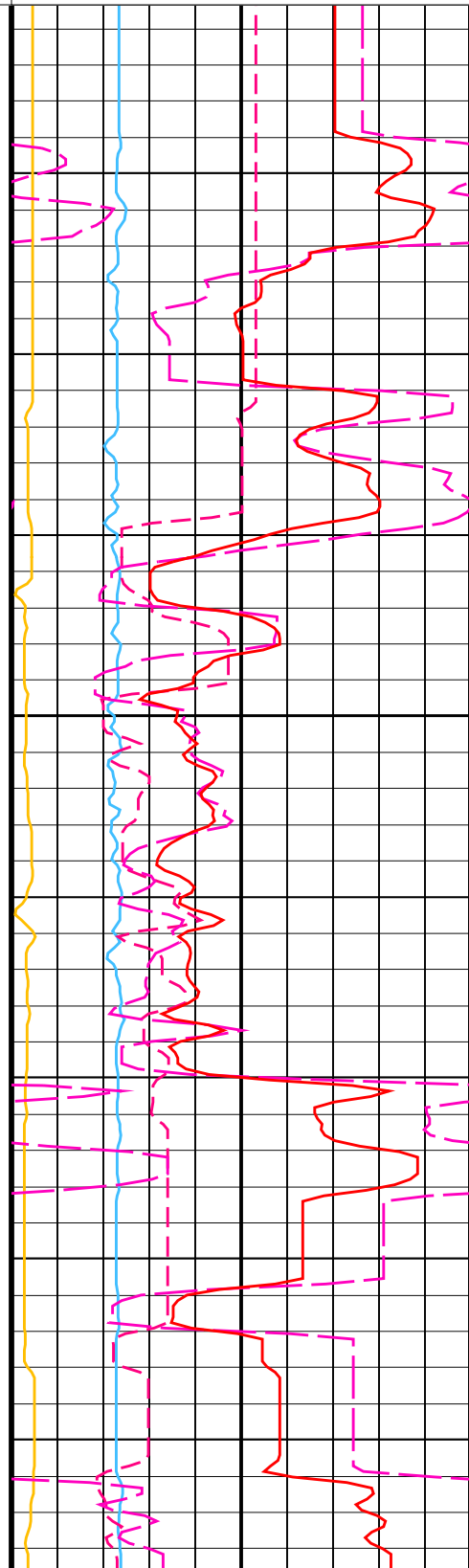
PIP SUMMARY

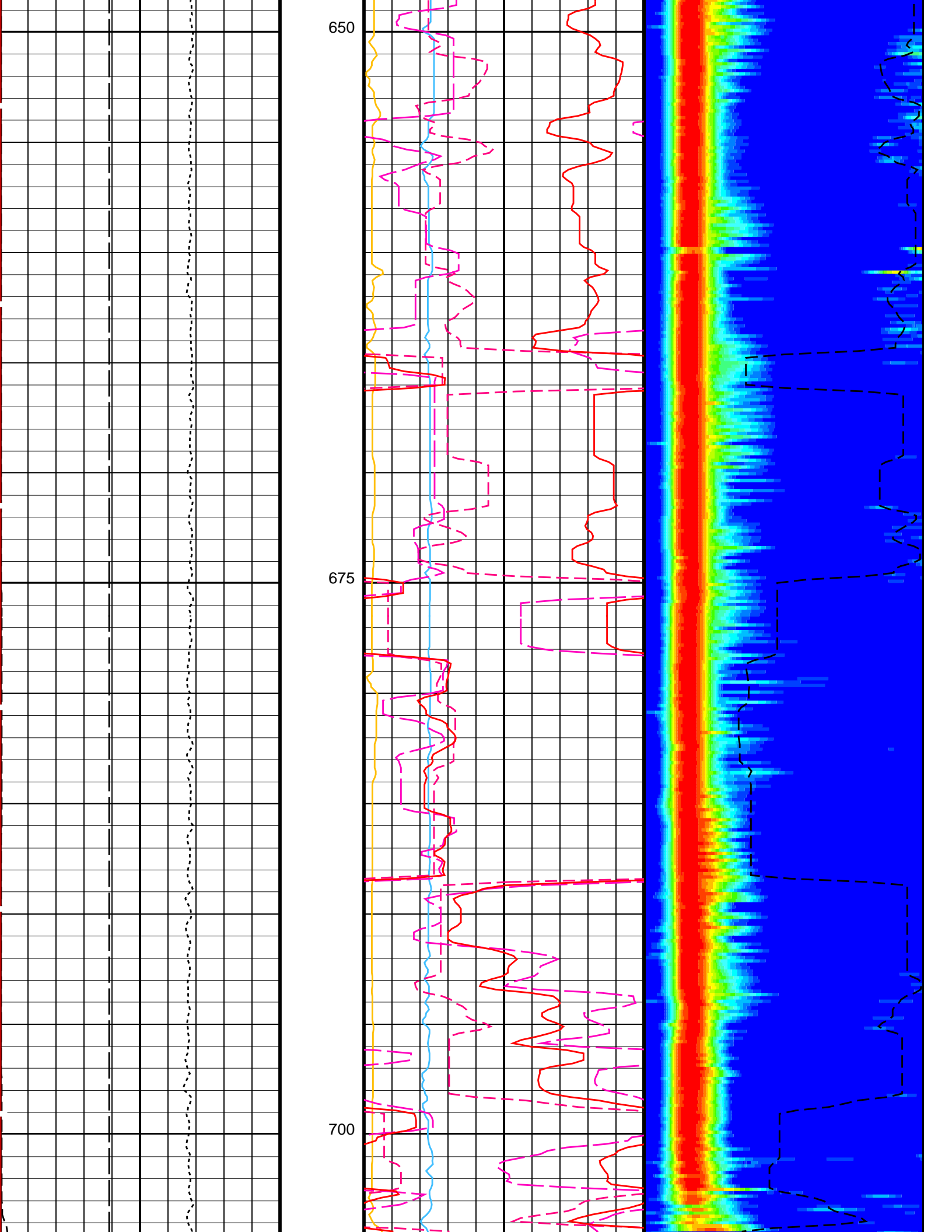
 Time Mark Every 60 S

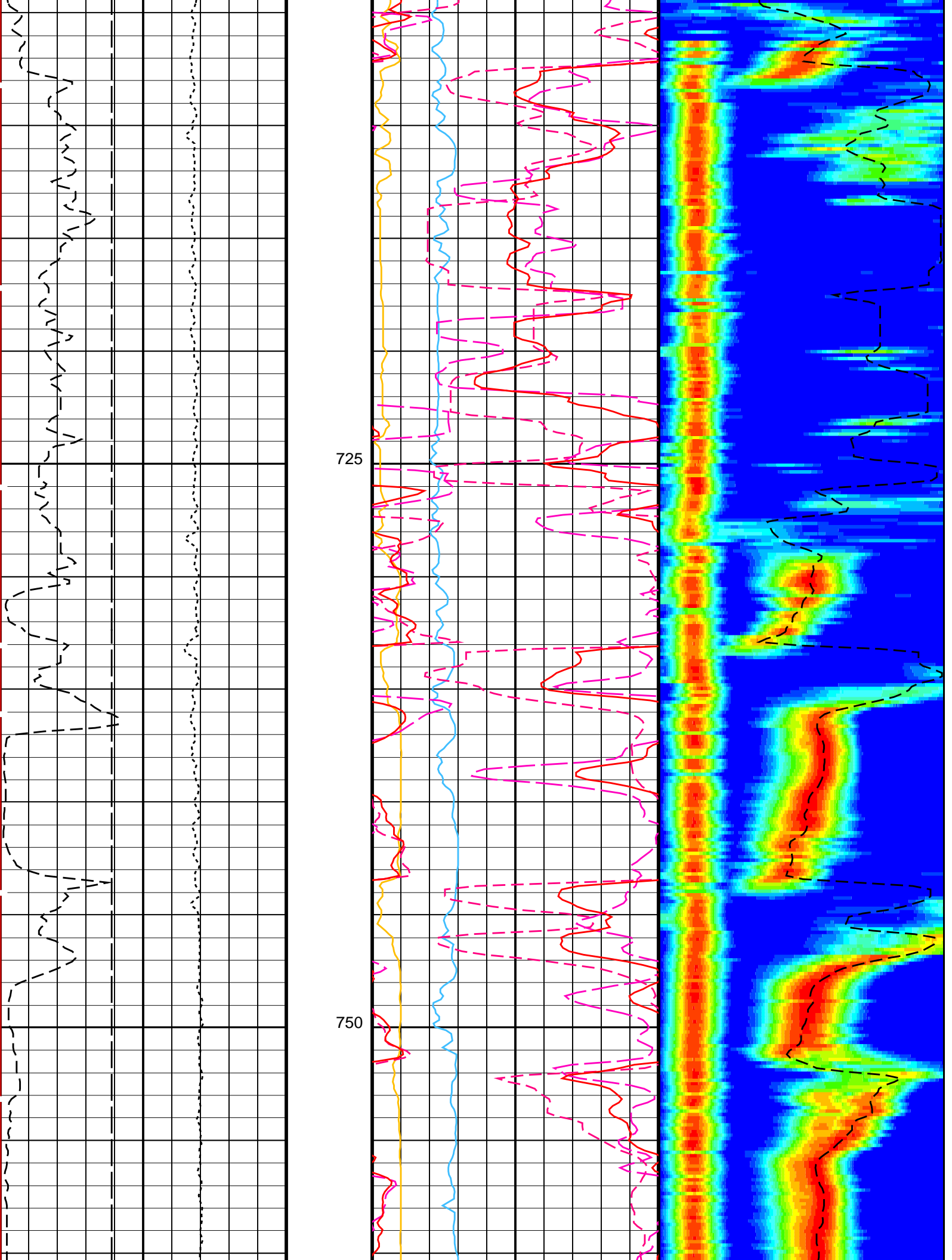
Waveform Data Copy Indicator 1 –		Delta-T Shear – Lower Dipole (DT1)	
		440 (US/F)	40
		Delta-T Shear / TA – Lower Dipole	

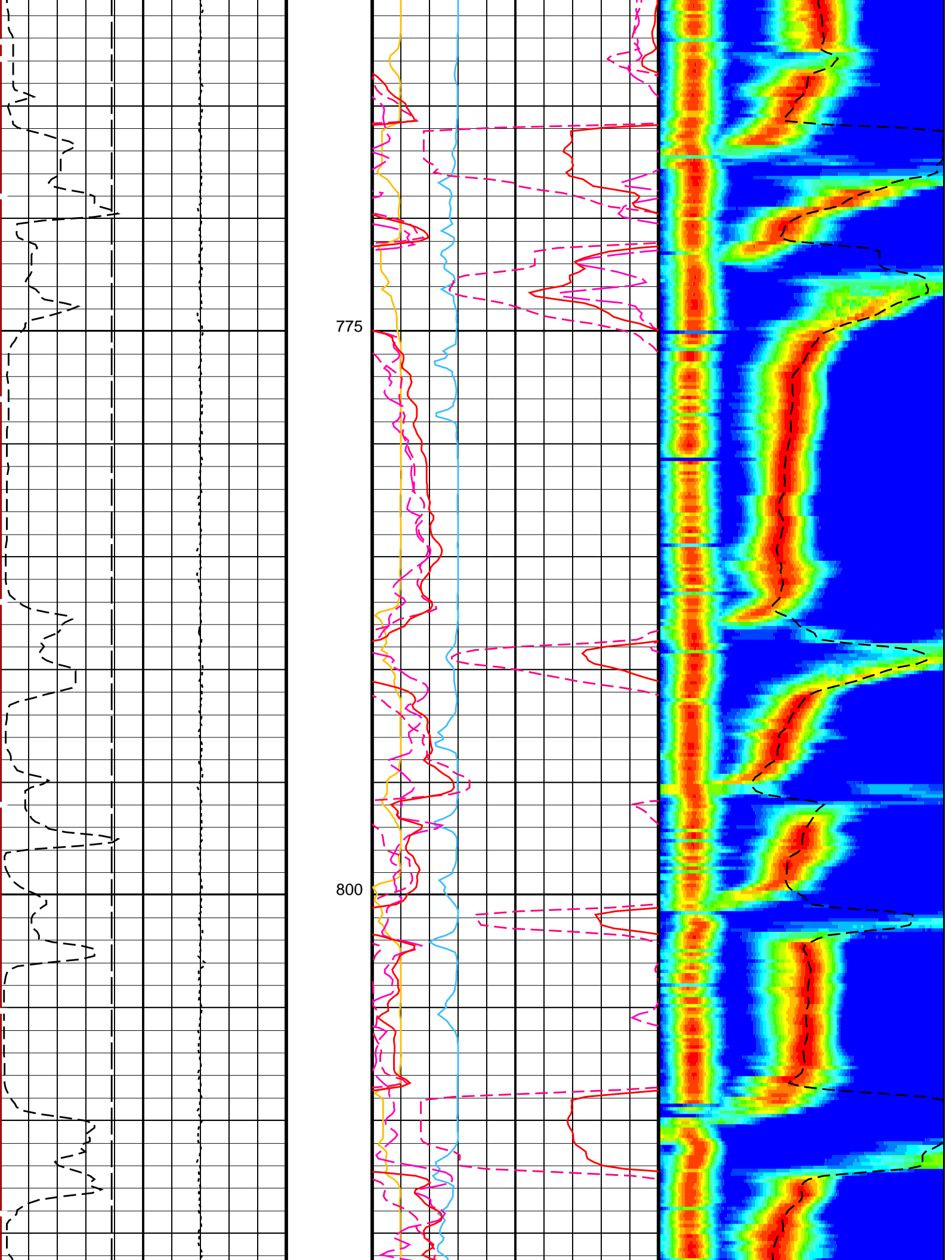


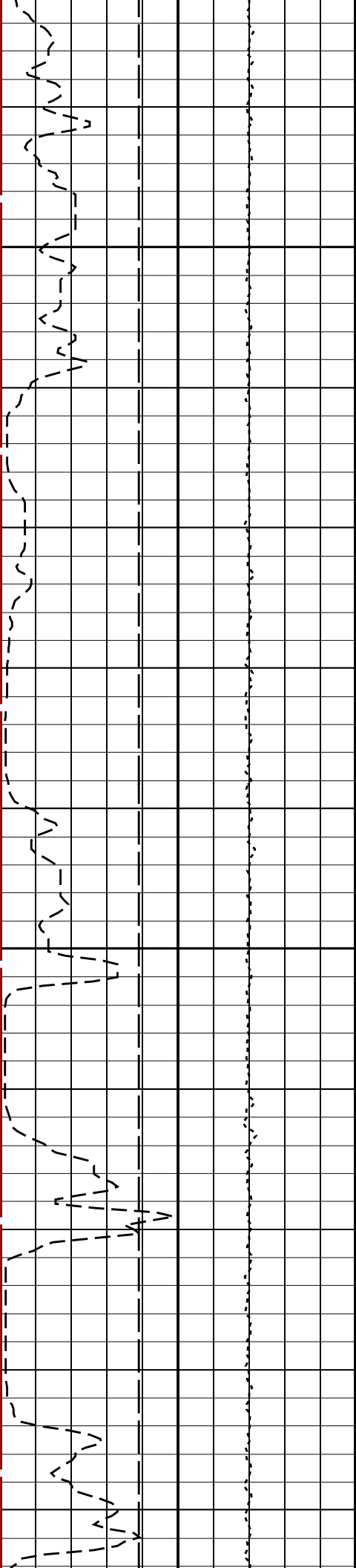
625





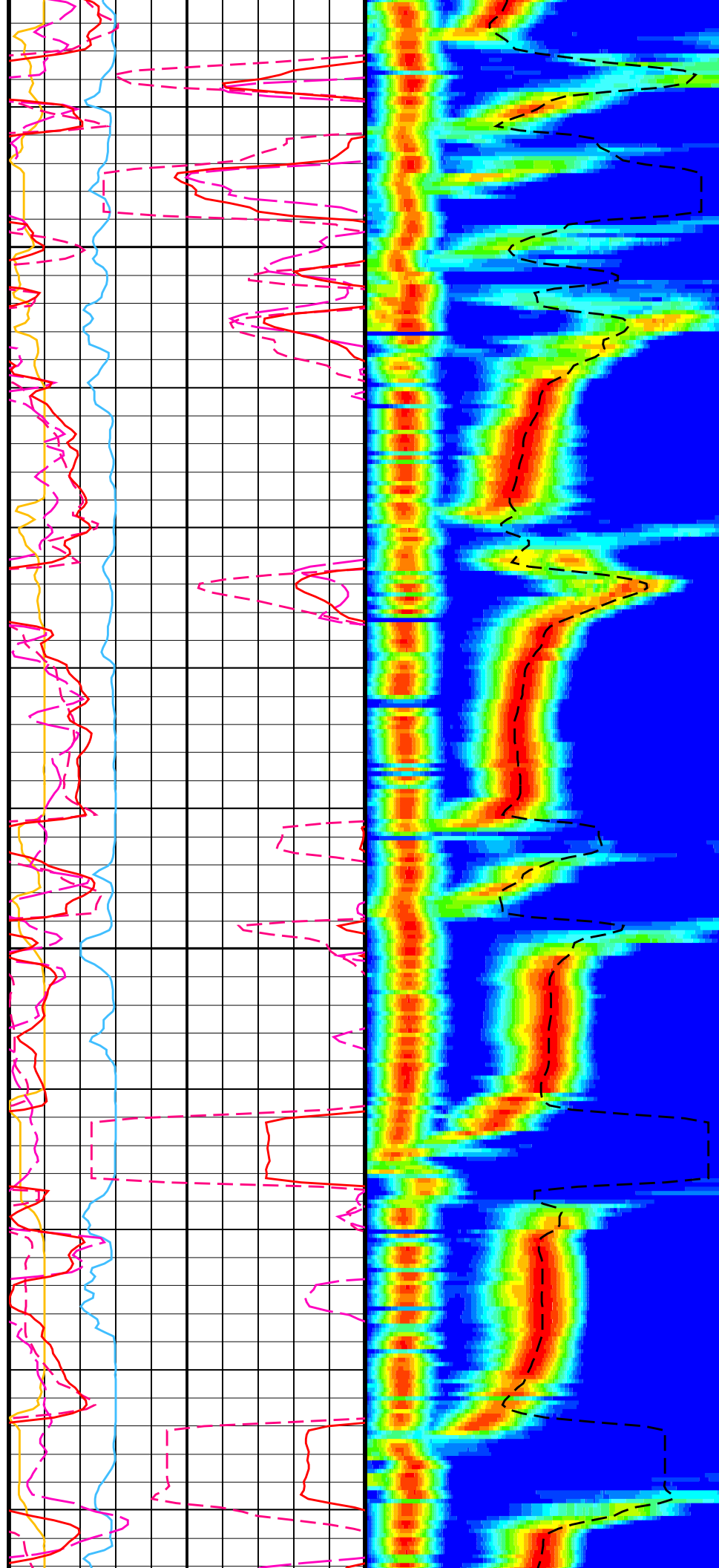


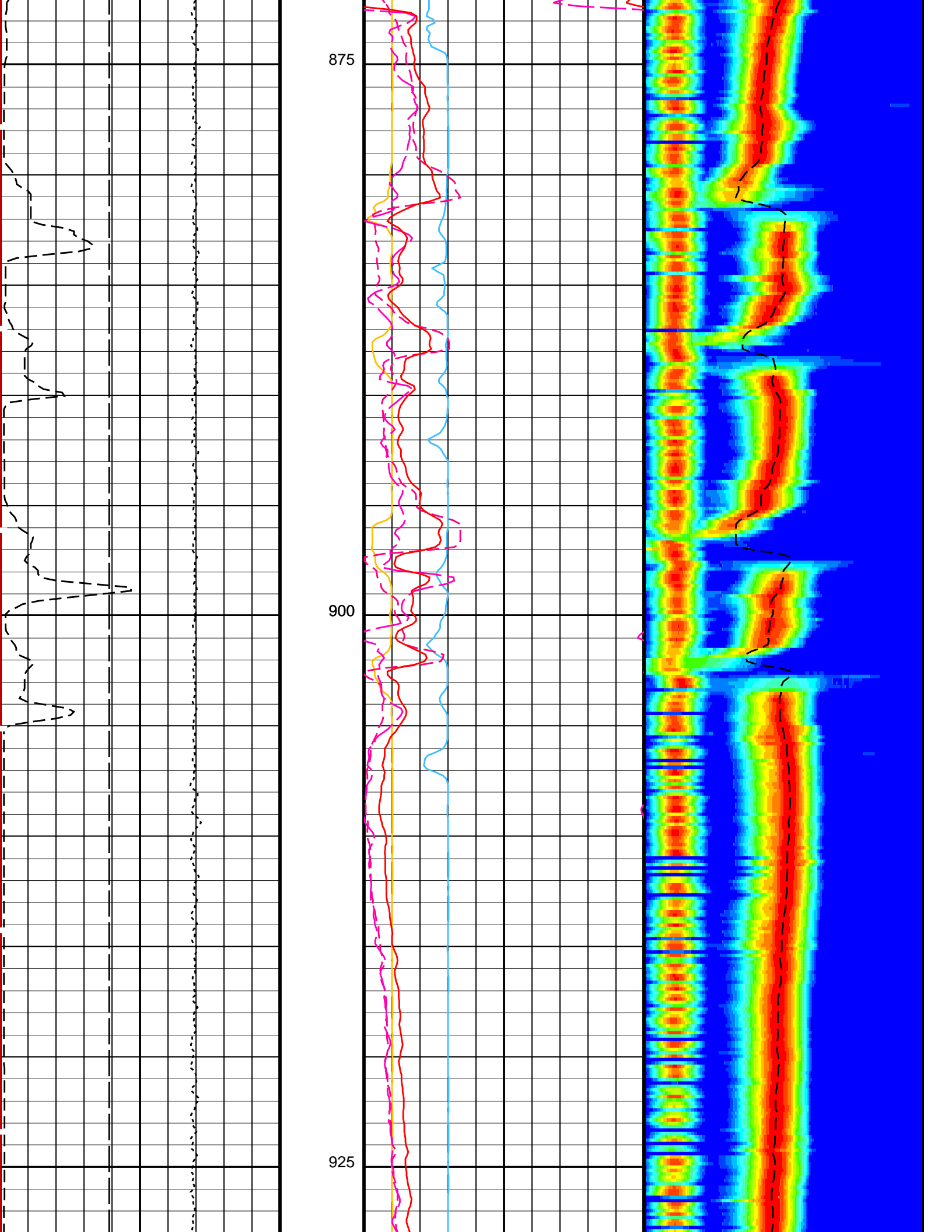


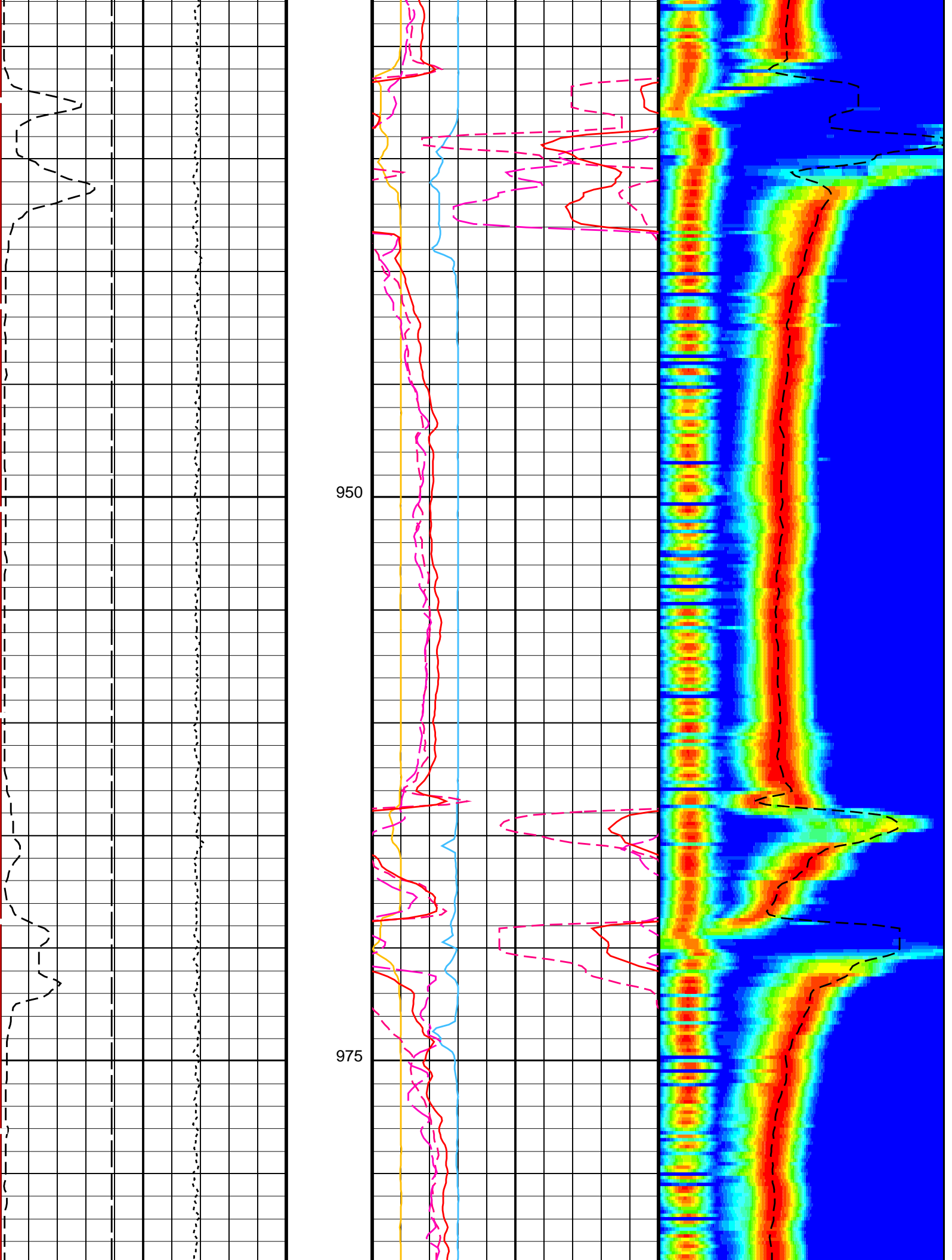


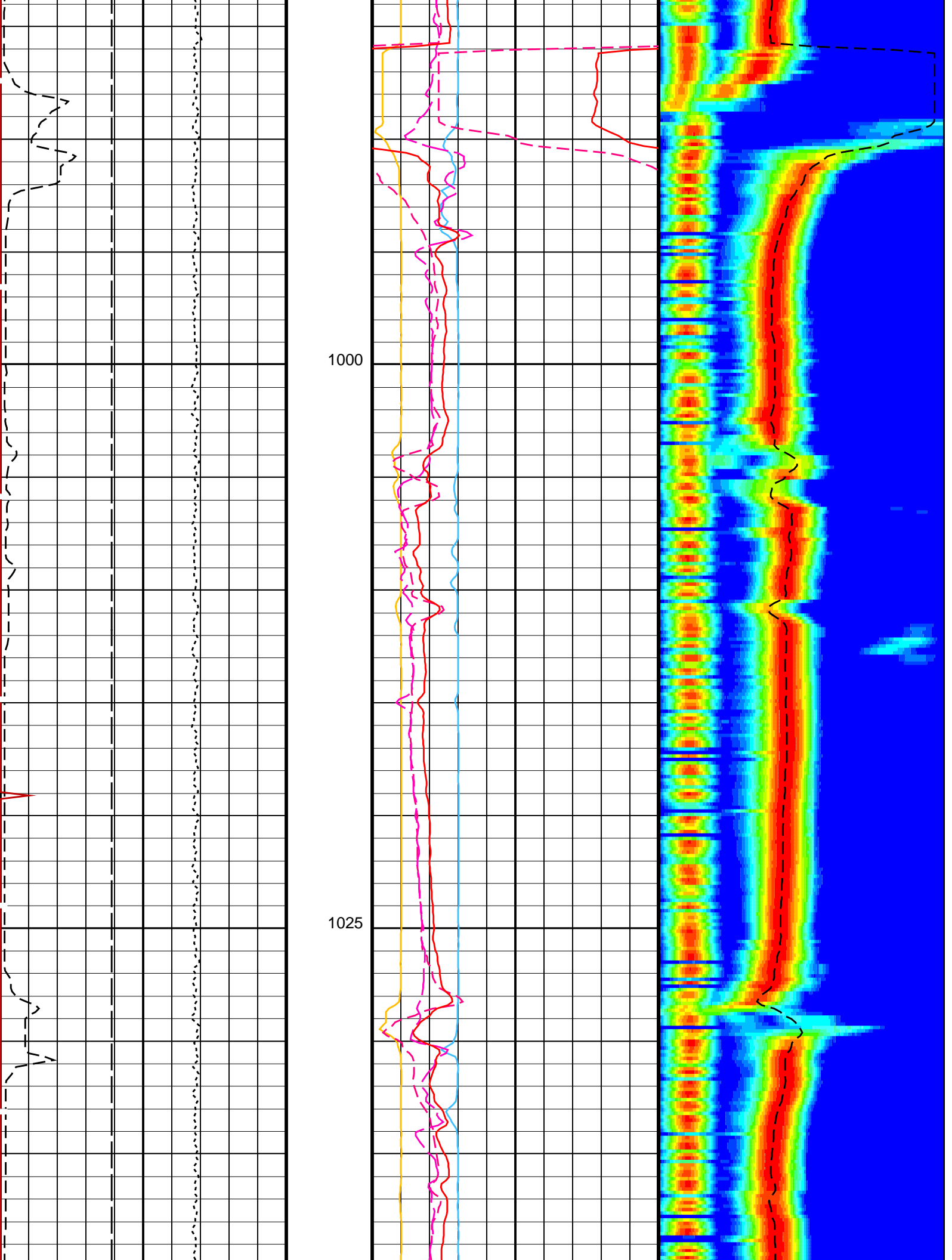
825

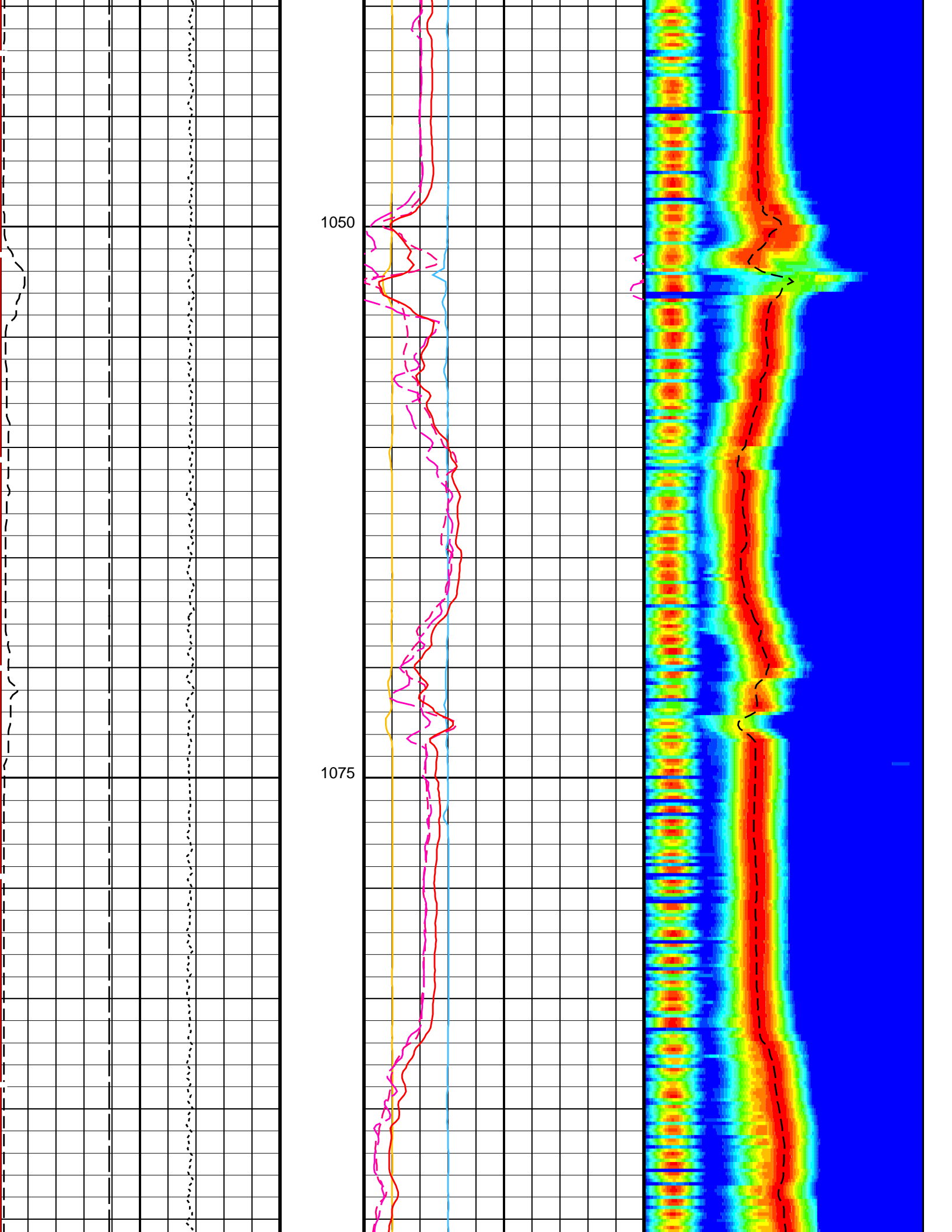
850

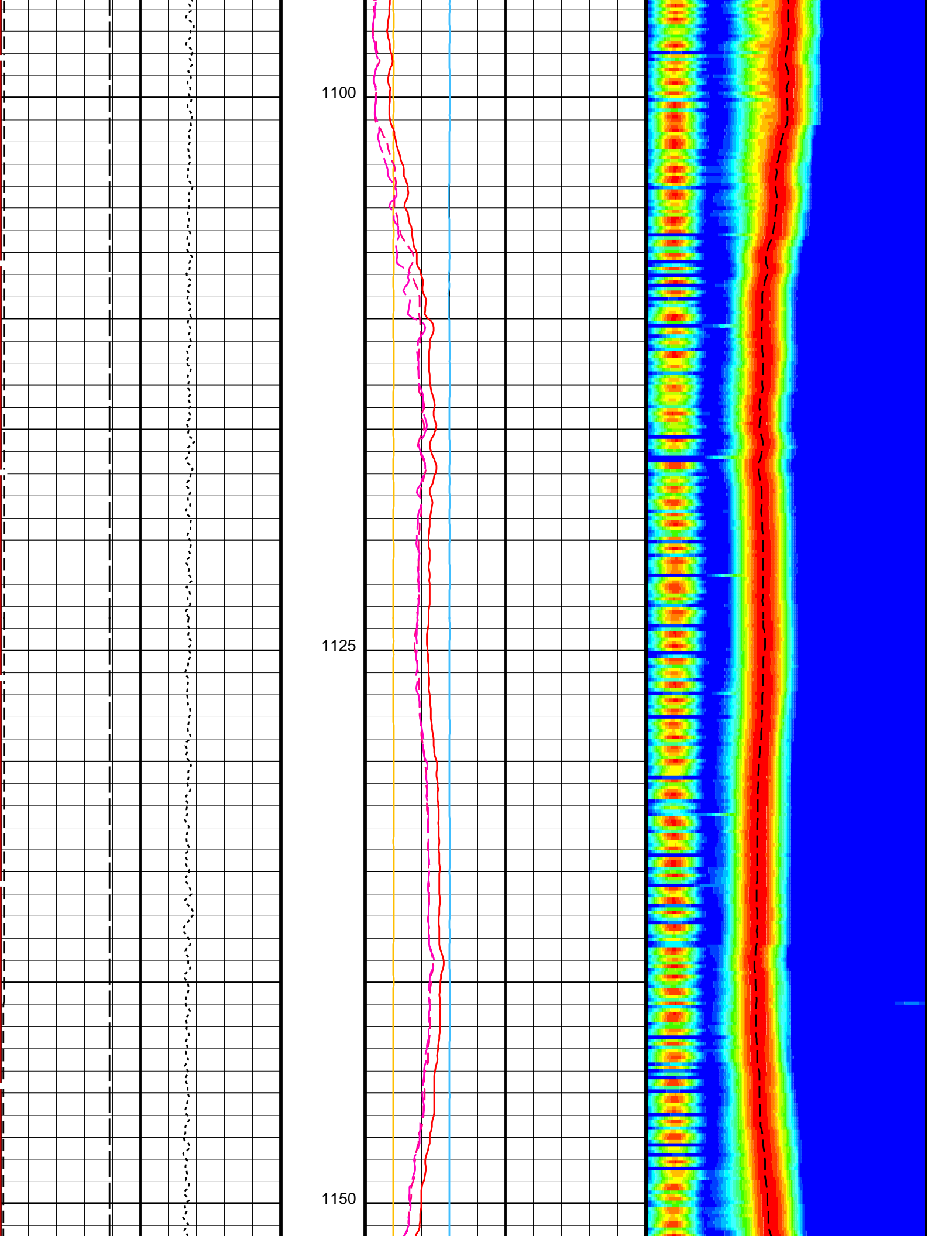


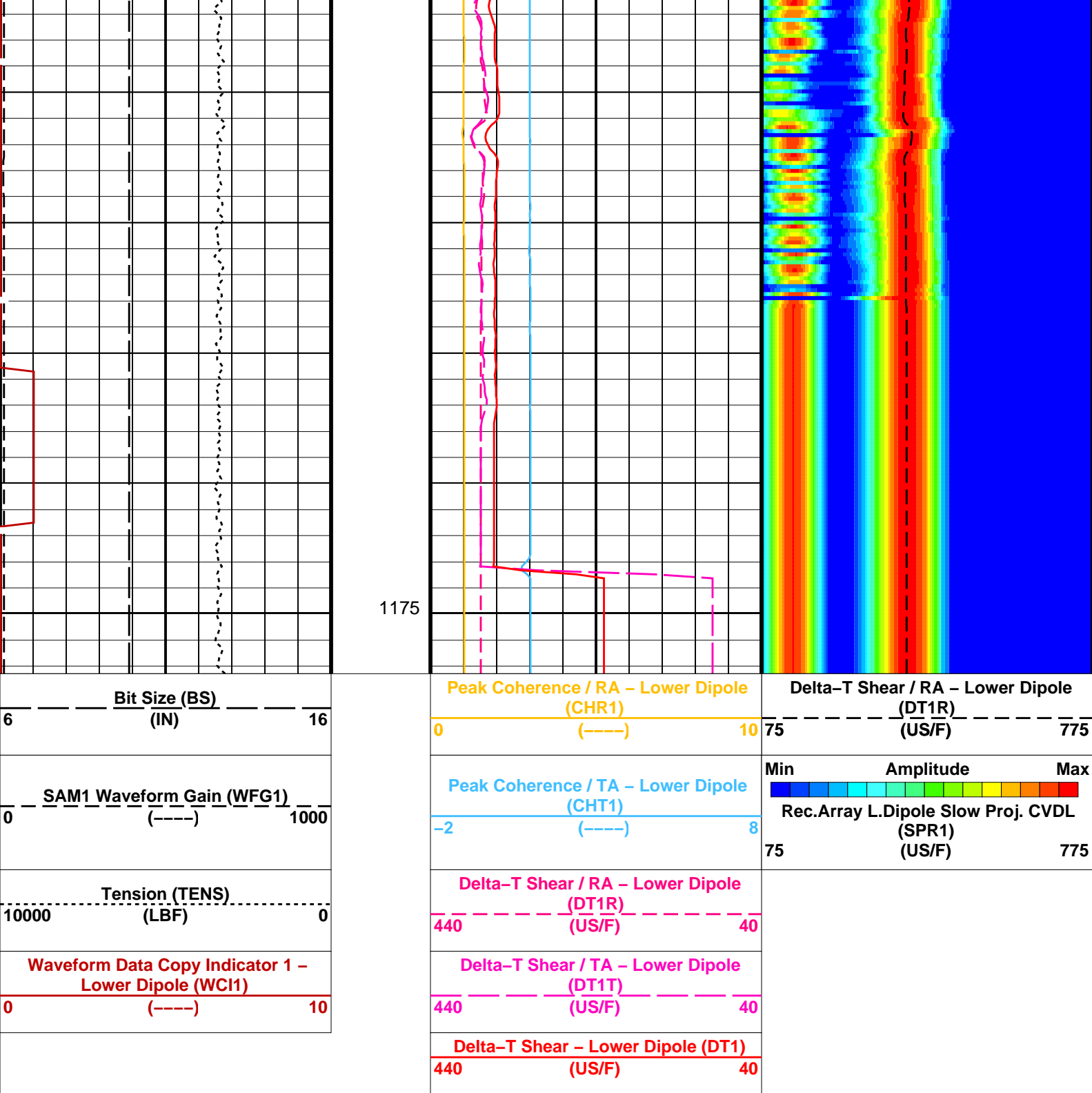












Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE1	Digitizing Delay 1	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	300	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	775	US/F
DSI1	Digitizer Sample Interval 1	40	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta–T Source for DTCO Channel	PS_COMP	
DWC1	Digitizer Word Count 1	512	
DWCX	Digitizer Word Count X	512	
LTXG	Lower Dipole Transmitter Geometry	156	IN
NW14	Number of Words for Channel 14	0	

NW1	Number Waveform Items 1	8	
NW1X		0	
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	EVEN	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS1	STC Sonic Array Status – Lower Dipole	255	
SBO1	STC Search Band Offset – Lower Dipole	3000	US
SBW1	STC Search Bandwidth – Lower Dipole	8000	US
SFC1	STC Formation Character – Lower Dipole	SELECTABLE	
SFM1	STC Filter – Lower Dipole	B1–3K	
SLL1	STC Slowness Lower Limit – Lower Dipole	75	US/F
SST1	STC Slowness Step – Lower Dipole	4	US/F
SSW1	STC Source Waveform – Lower Dipole	WF_SAM1	
SUL1	STC Slowness Upper Limit – Lower Dipole	775	US/F
SWD1	STC Slowness Width – Lower Dipole	40	US/F
TBF1	STC Time for Baseline Fill – Lower Dipole	0	US
TLL1	STC Time Lower Limit – Lower Dipole	600	US
TST1	STC Time Step – Lower Dipole	200	US
TUL1	STC Time Upper Limit – Lower Dipole	15912.5	US
TWD1	STC Time Width – Lower Dipole	2000	US
TW1	STC Integration Time Window – Lower Dipole	1600	US
TWSX	Transmitter Waveform Select X	0	
WFM1	Waveform Mode 1	W1	
System and Miscellaneous			
BS	Bit Size	9.875	IN

Format: DSST_LOWER_DIPOLE_VDL_COLOR

Vertical Scale: 1:200

Graphics File Created: 29-Sep-2023 23:46

OP System Version: 19C0–187

MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

Output DLIS Files

DEFAULT

MSS_LDEO_DSI_HRLA_008LUP

FN:6

PRODUCER

29-Sep-2023 23:45

Company: International Ocean Discovery Program

Well: Expedition 400, Site U1608A

Output DLIS Files

DEFAULT

MSS_LDEO_DSI_HRLA_008LUP

FN:6

PRODUCER

29-Sep-2023 23:45

1177.3 M

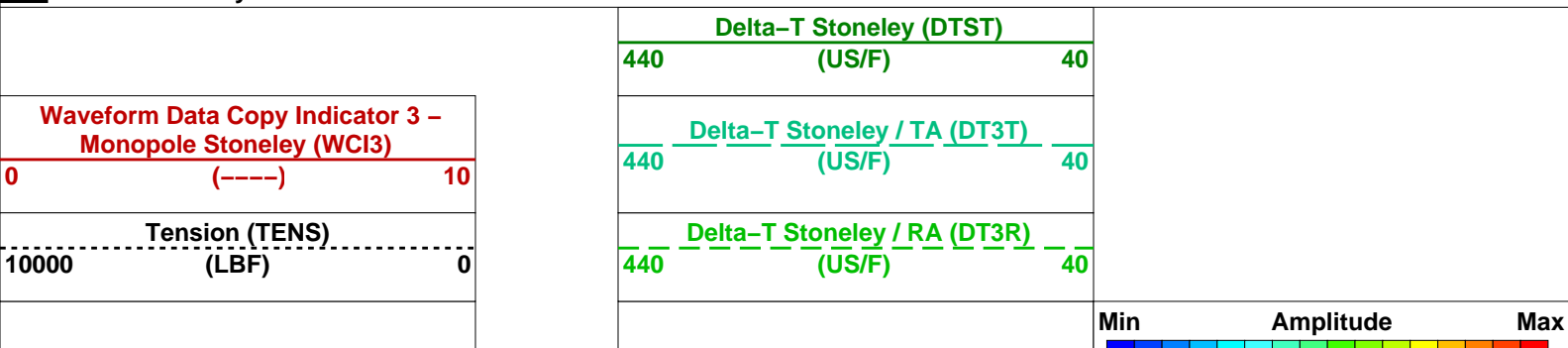
605.3 M

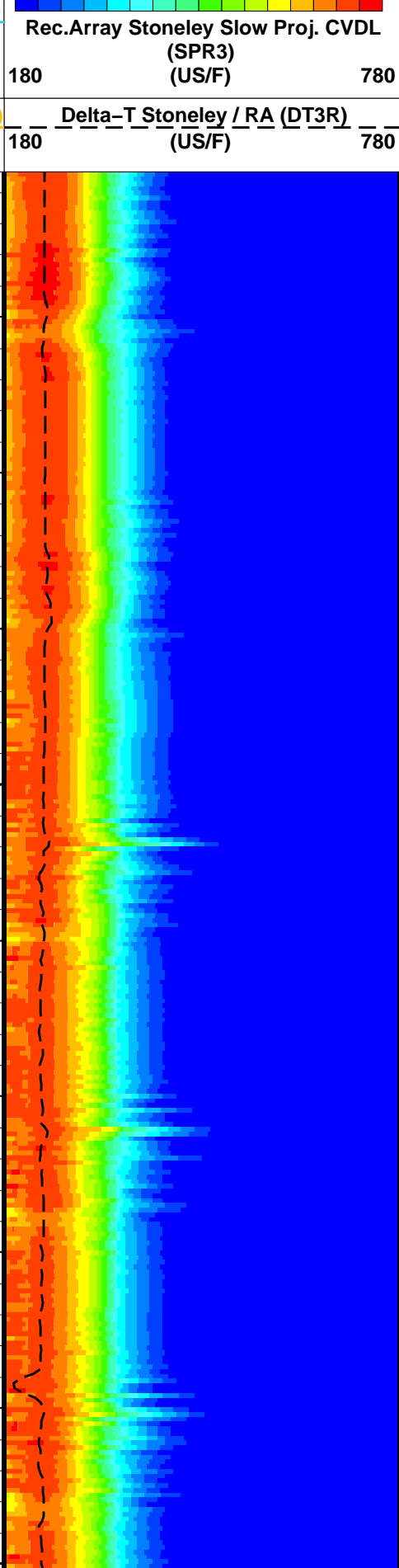
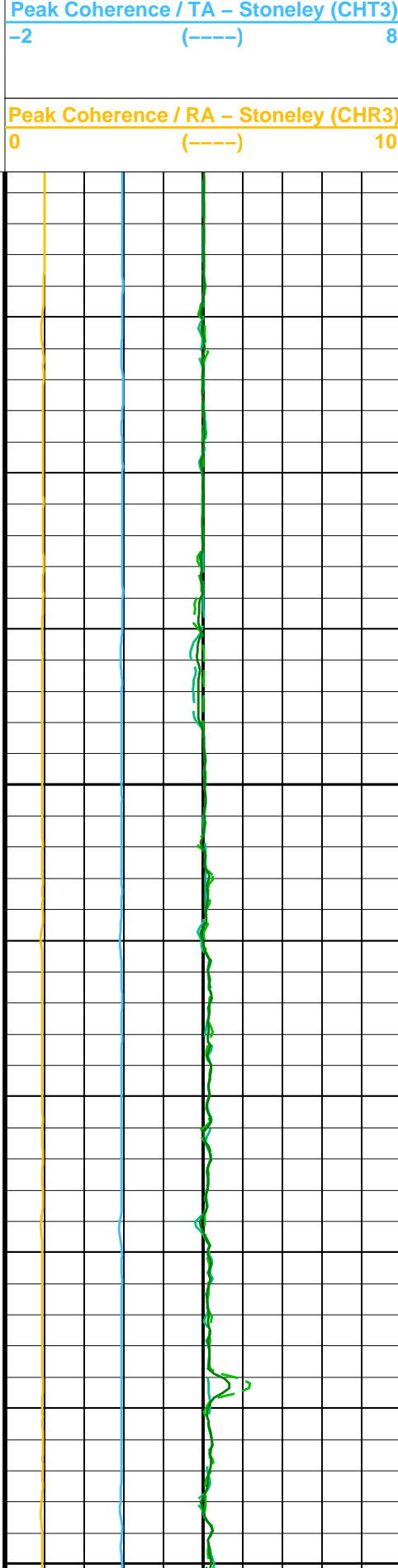
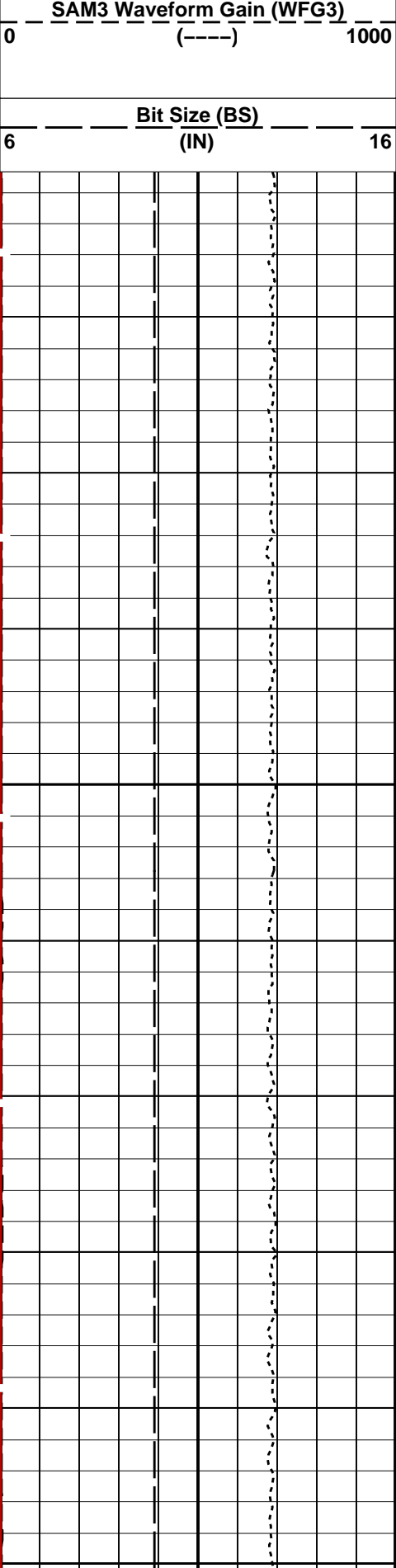
OP System Version: 19C0–187

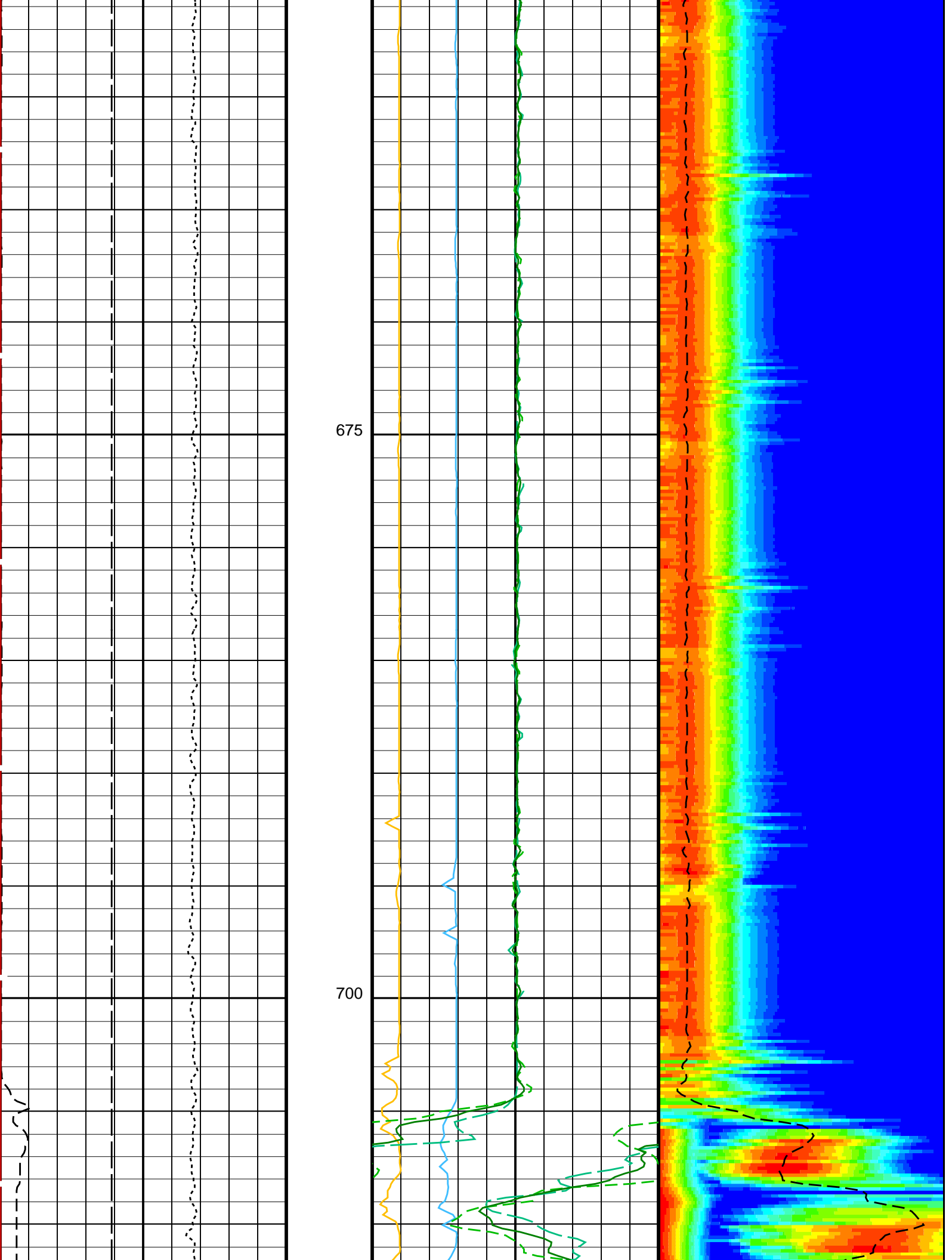
MSS_LDEO–A	19C0–187	DSST–B	19C0–187
HRLT–B	19C0–187	HLDS	19C0–187
LDSC–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	19C0–187

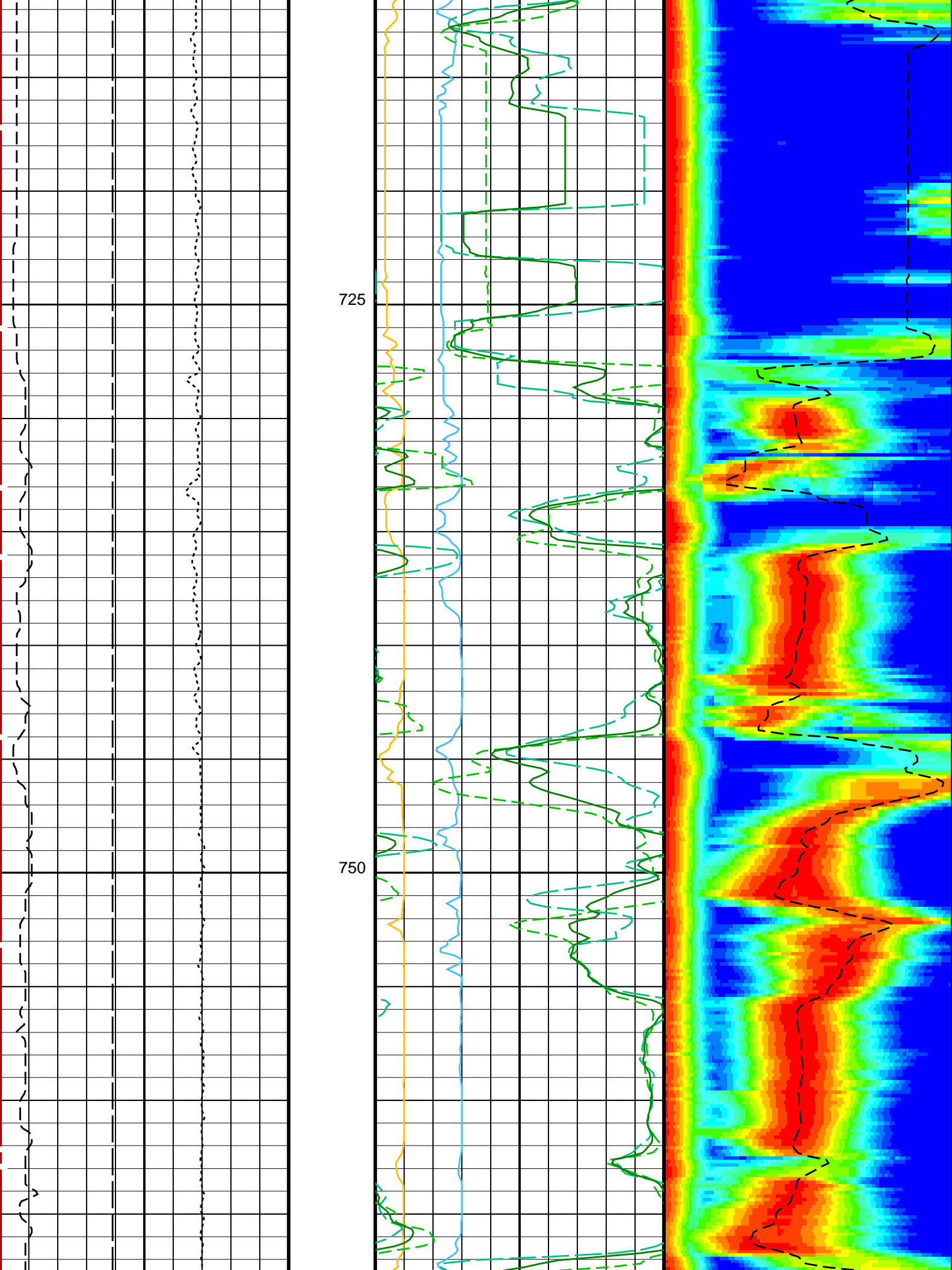
PIP SUMMARY

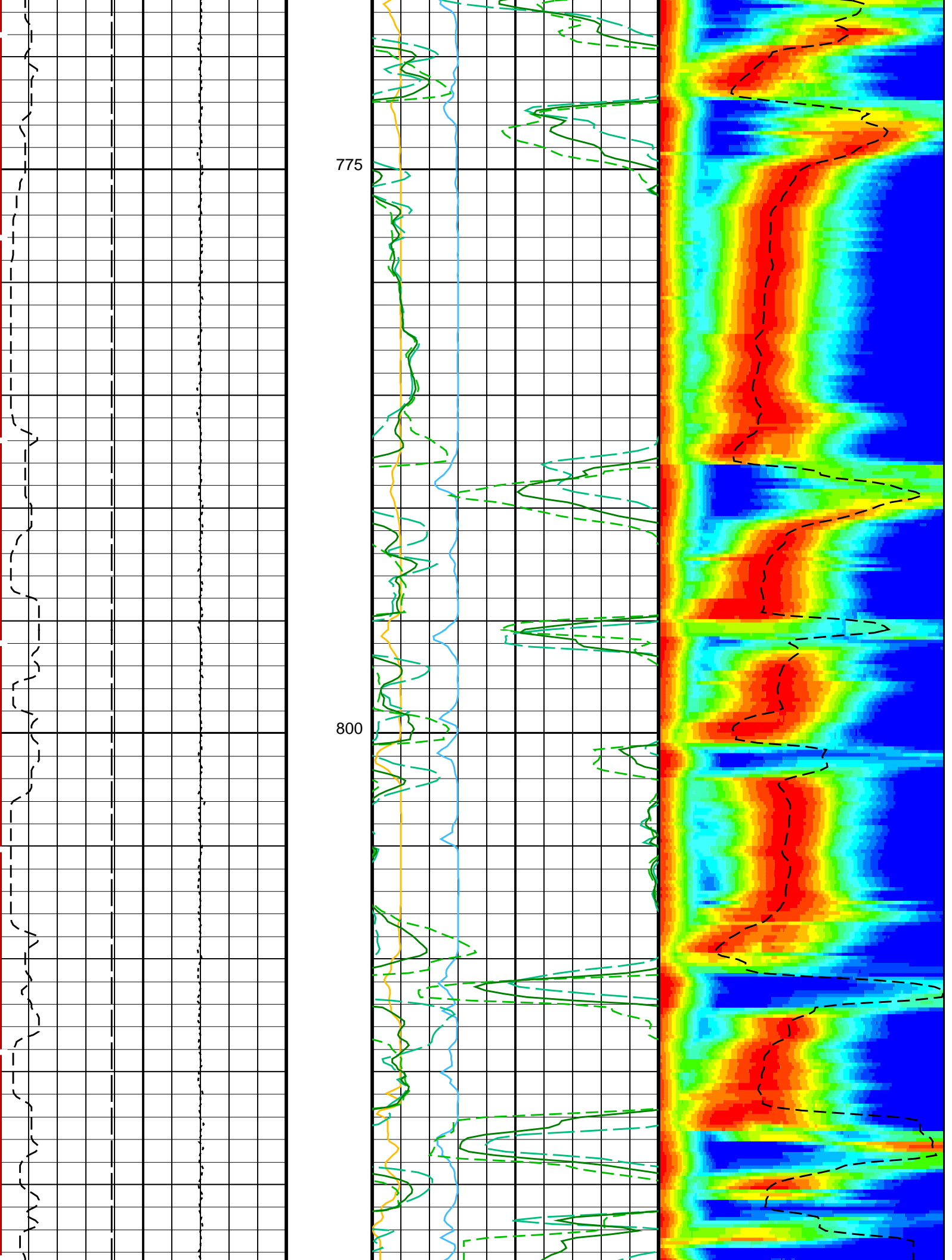
Time Mark Every 60 S

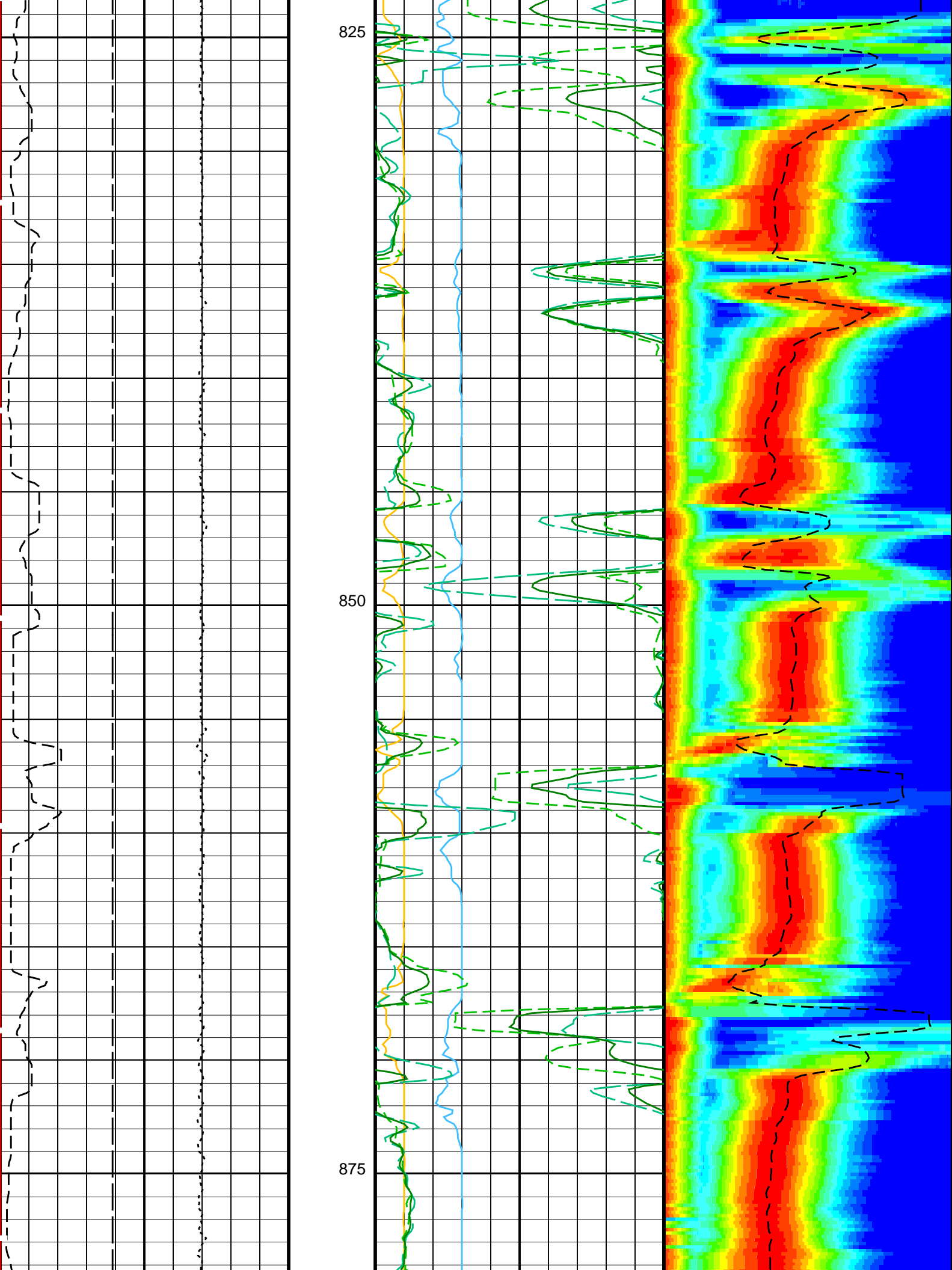


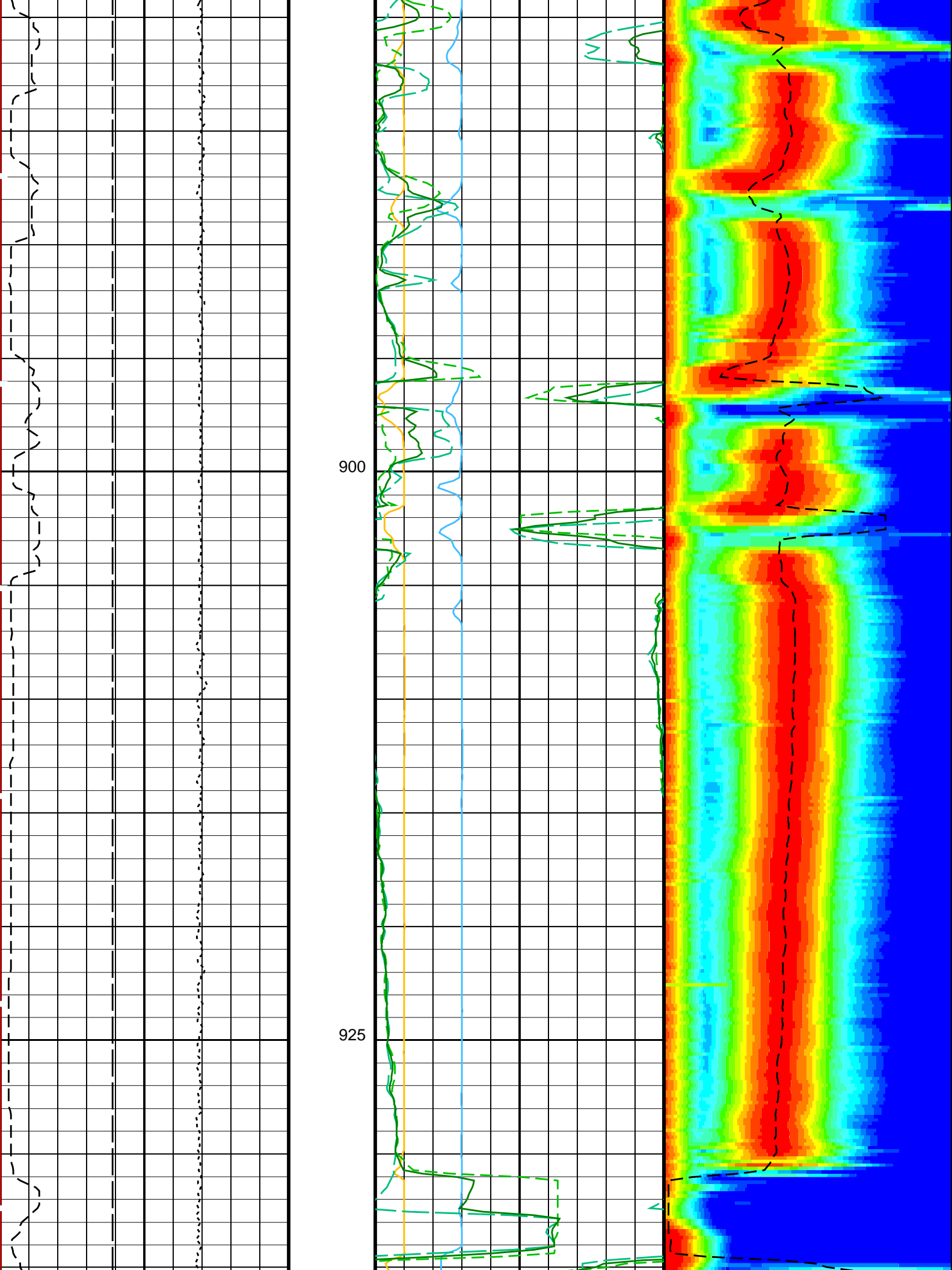


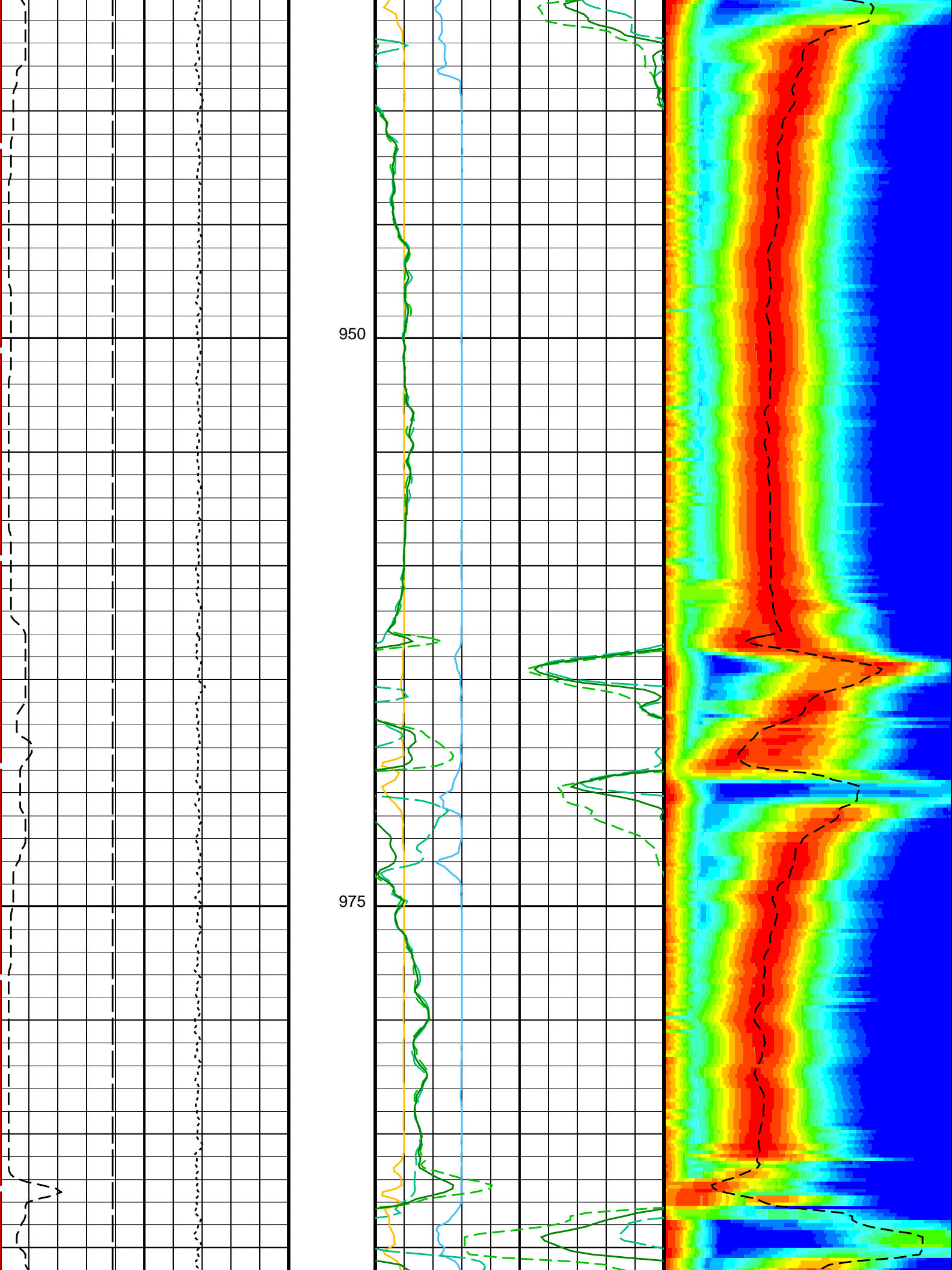


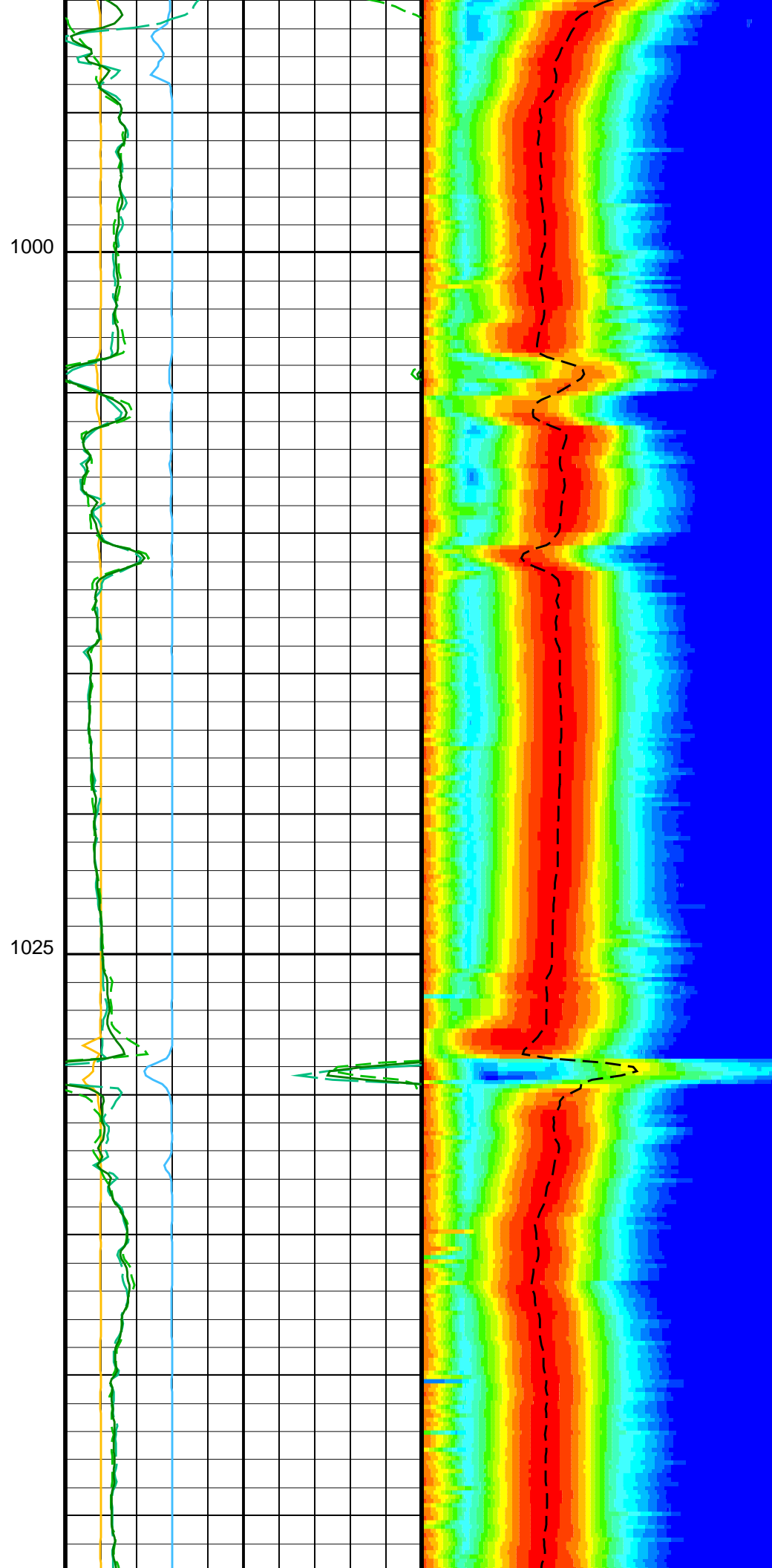
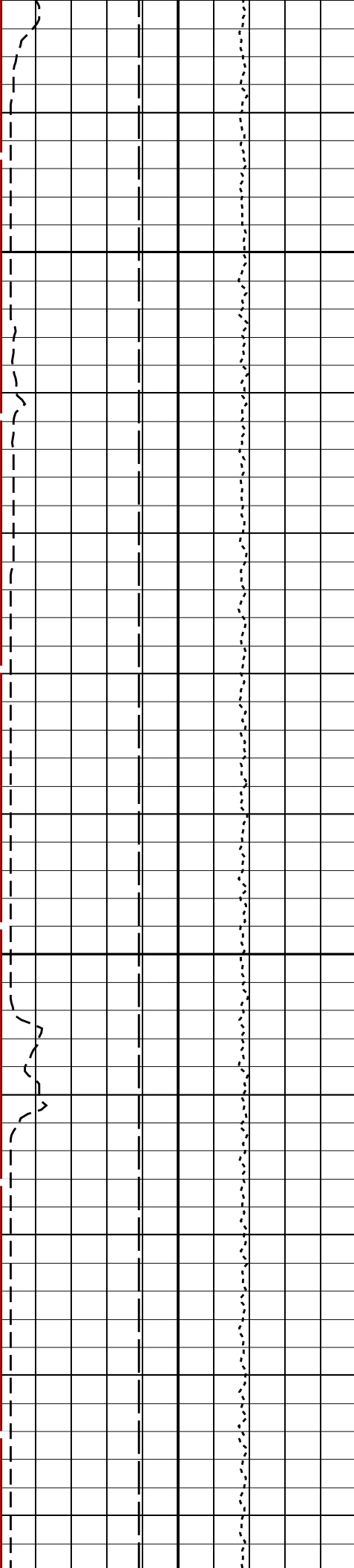


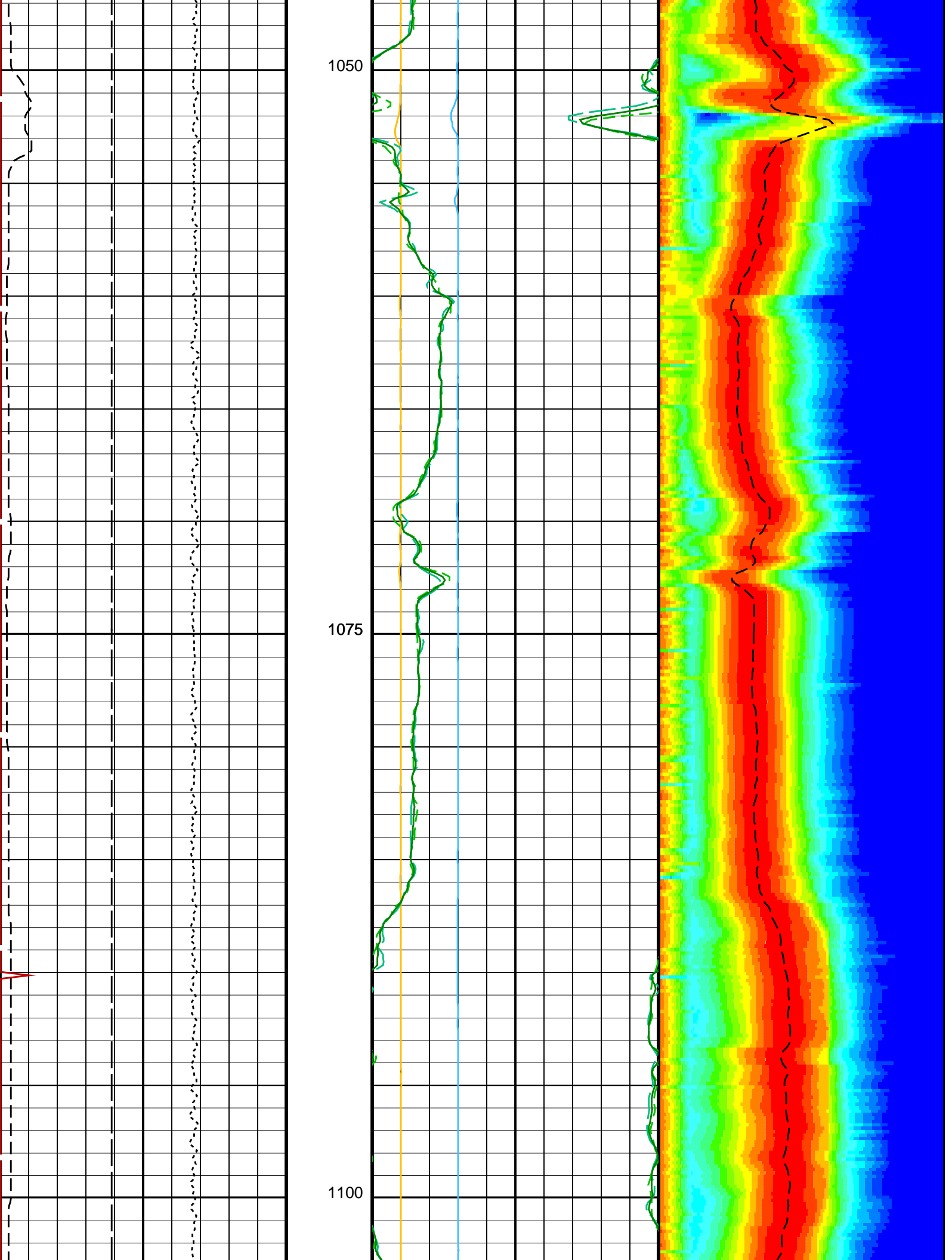


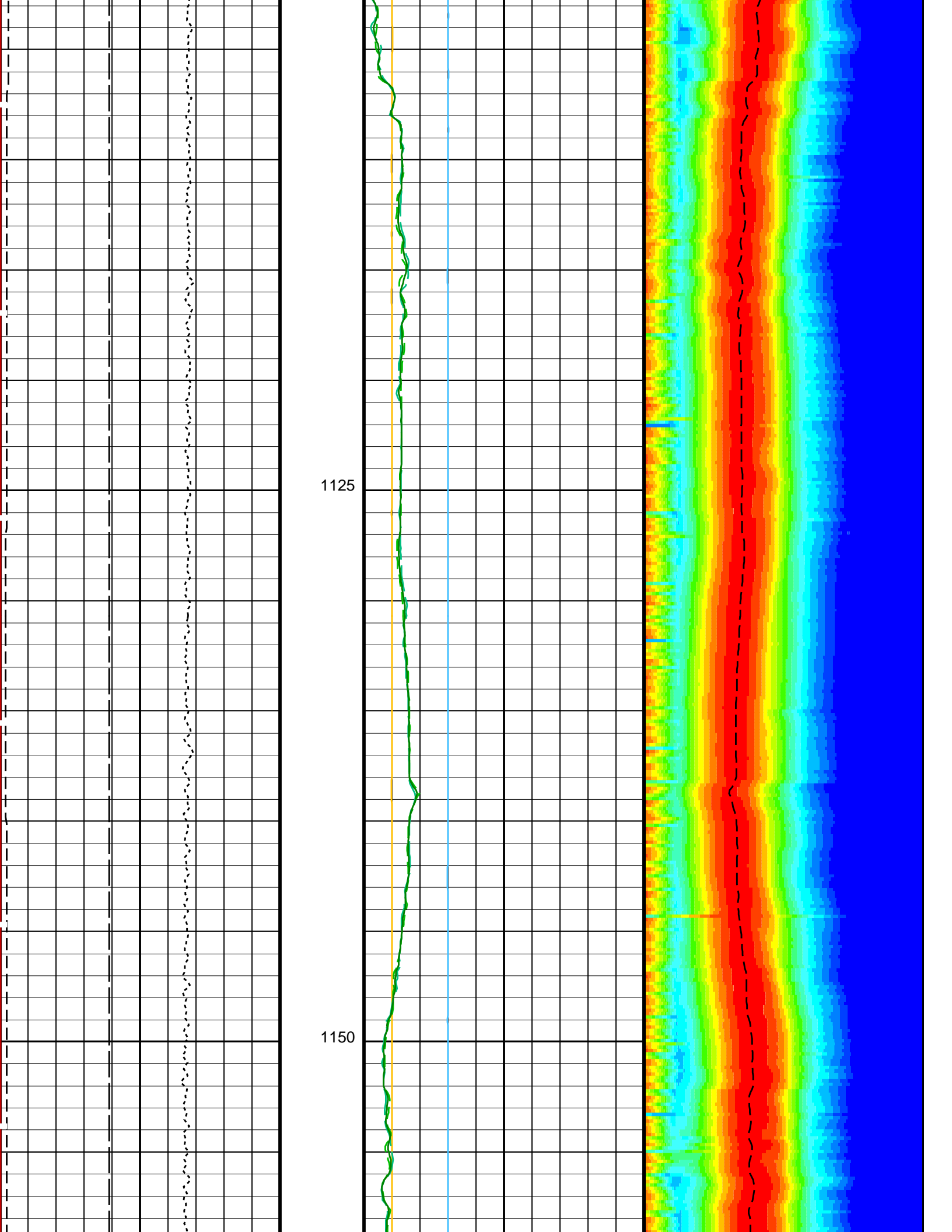


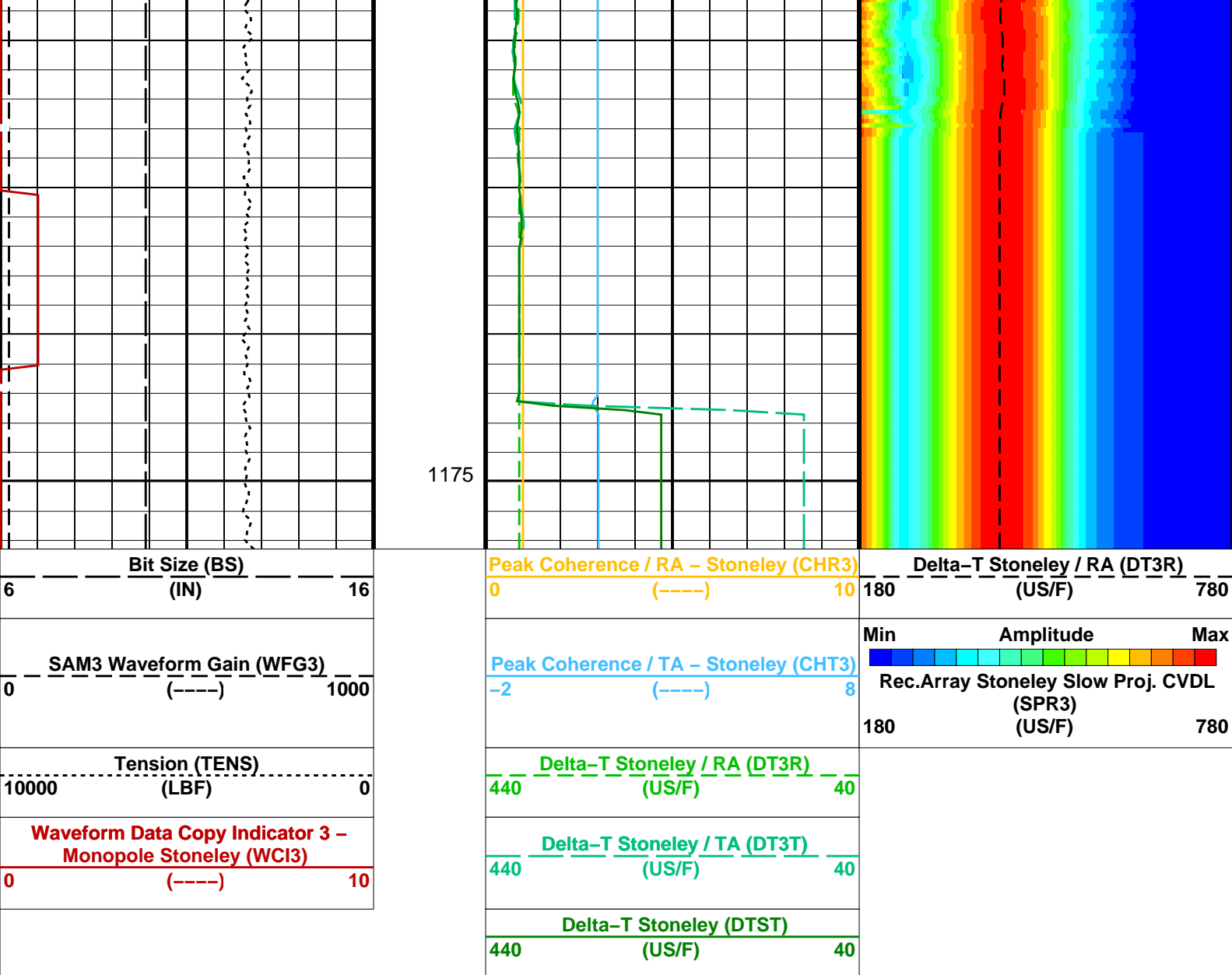










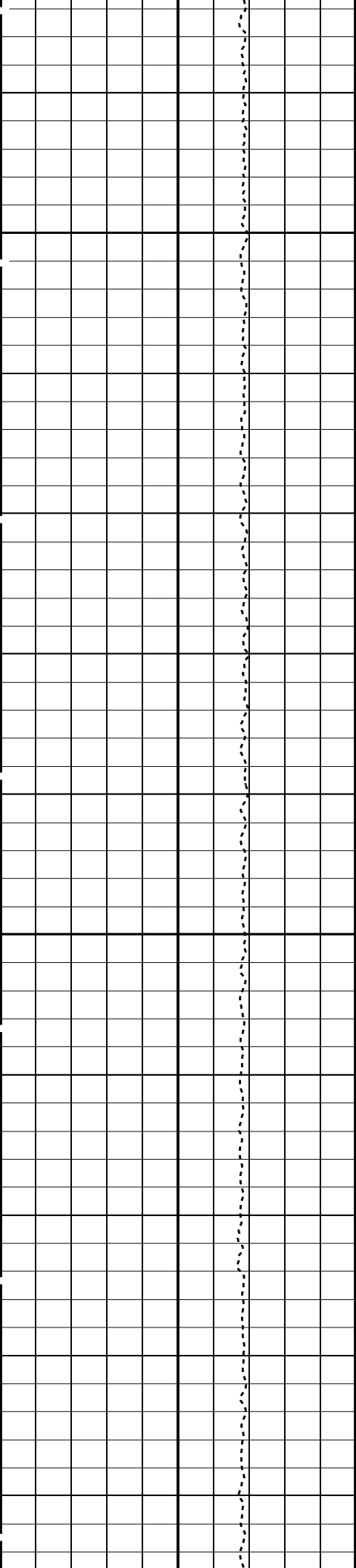


PIP SUMMARY

Time Mark Every 60 S

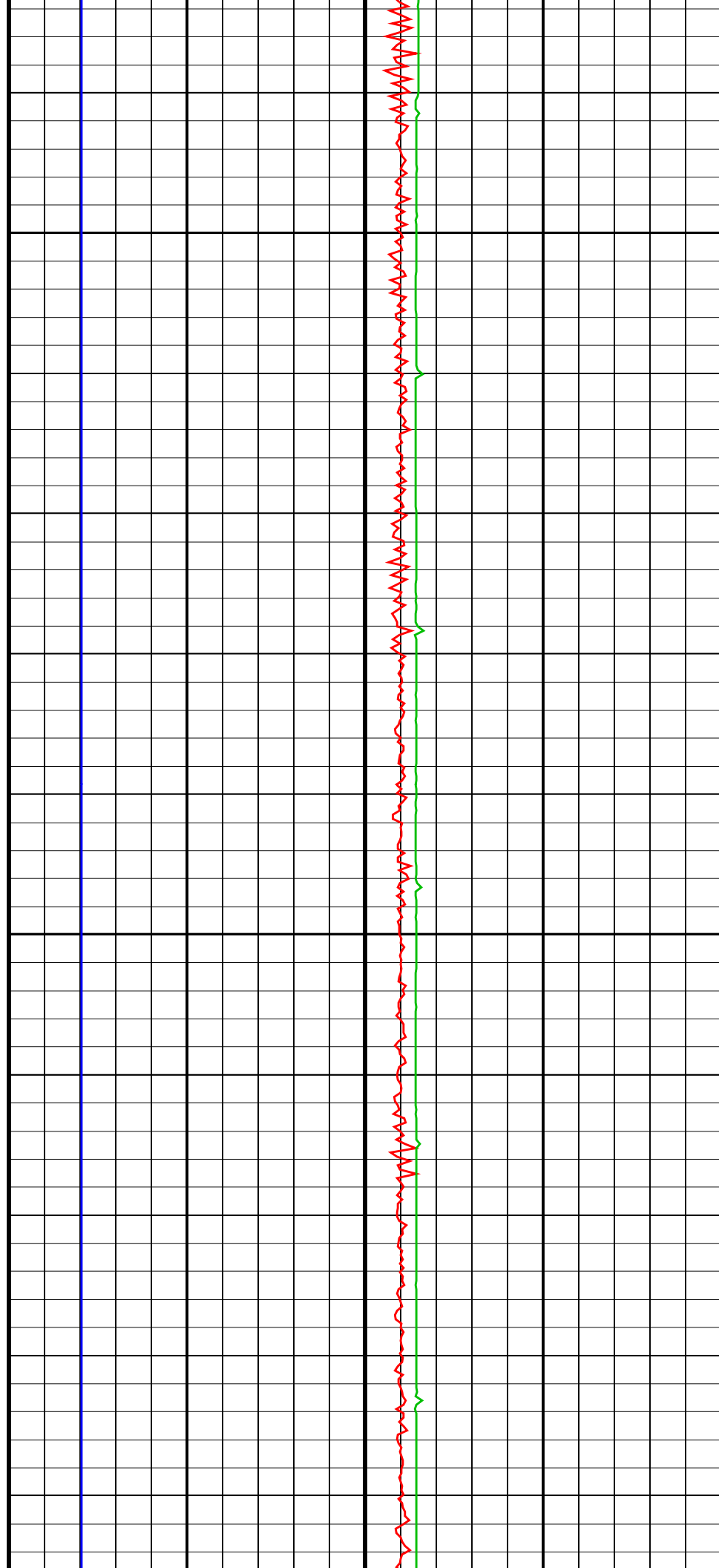
Parameters

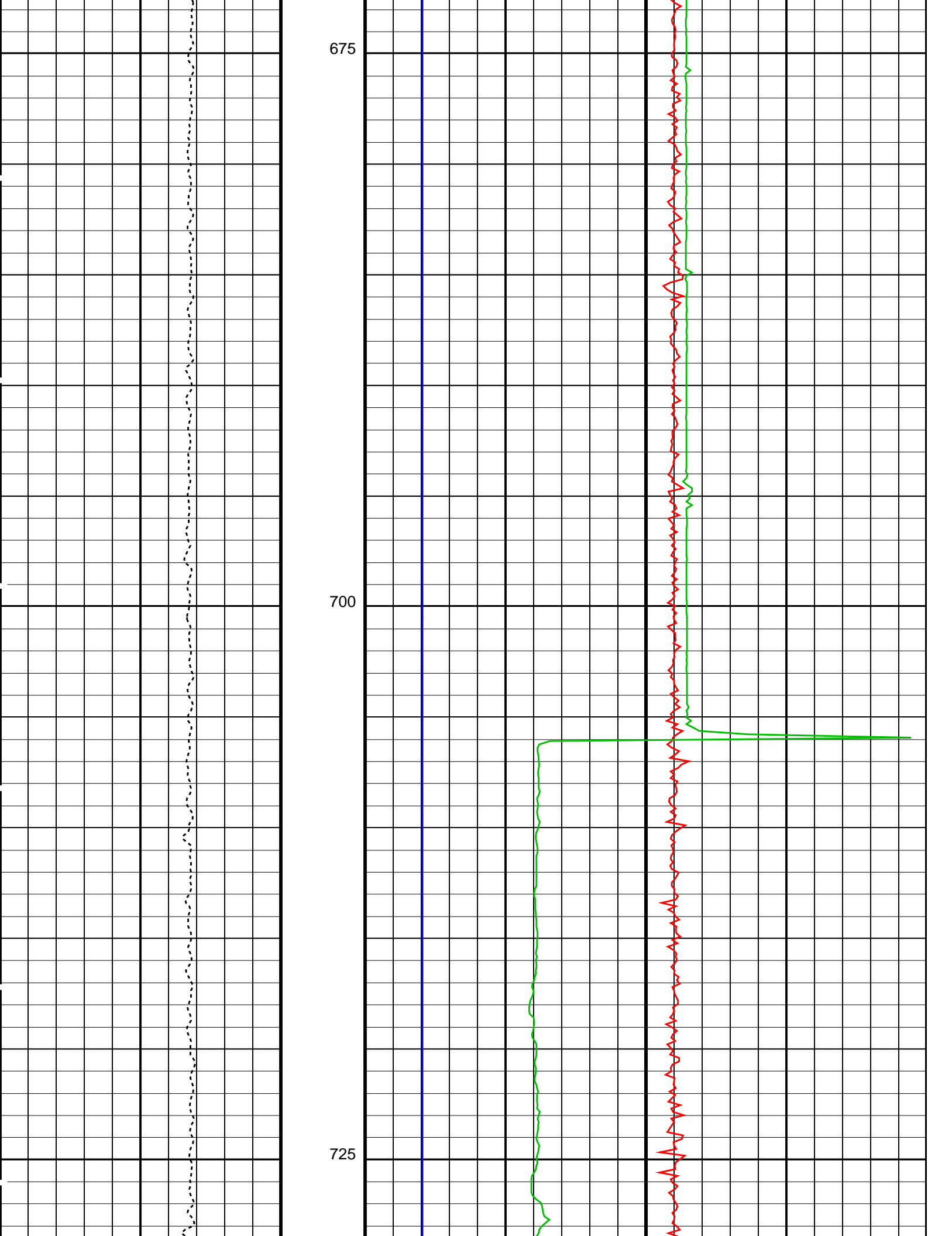
DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE3	Digitizing Delay 3	0	US
DDEX	Digitizing Delay X	0	US
DSI3	Digitizer Sample Interval 3	40	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta–T Source for DTCO Channel	PS_COMP	
DWC3	Digitizer Word Count 3	512	
DWCX	Digitizer Word Count X	512	
MTXG	Monopole Transmitter Geometry	186	IN
NWI3	Number Waveform Items 3	8	
NWIX	Number Waveform Items X	0	
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
SAM3	DSST Sonic Acquisition Mode 3 – Monopole Mode for Stoneley	EVEN	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS3	STC Sonic Array Status – Monopole Stoneley	255	
SBO3	STC Search Band Offset – Monopole Stoneley	2000	US
SBW3	STC Search Bandwidth – Monopole Stoneley	6000	US
SEC3	STC Formation Character – Monopole Stoneley	SELECTABLE	

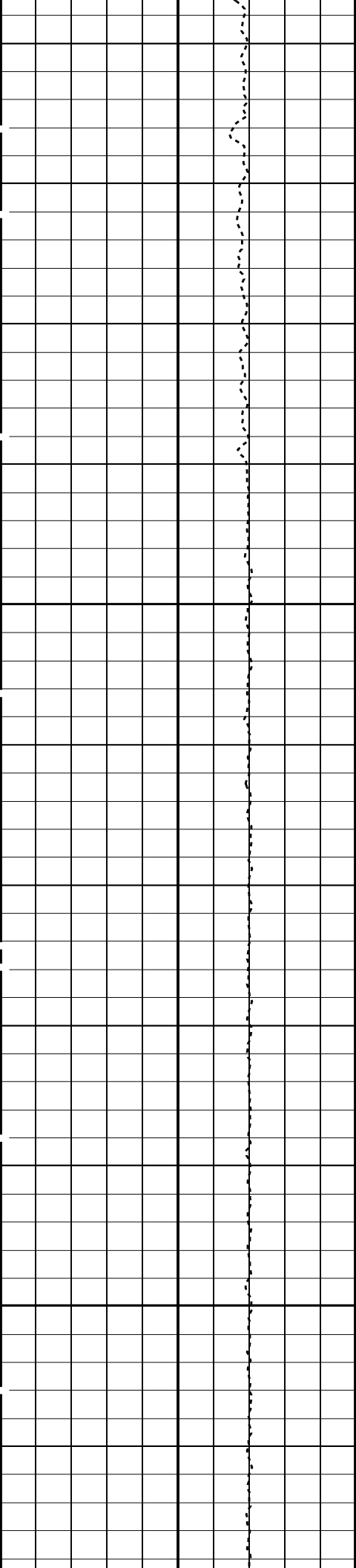


625

650

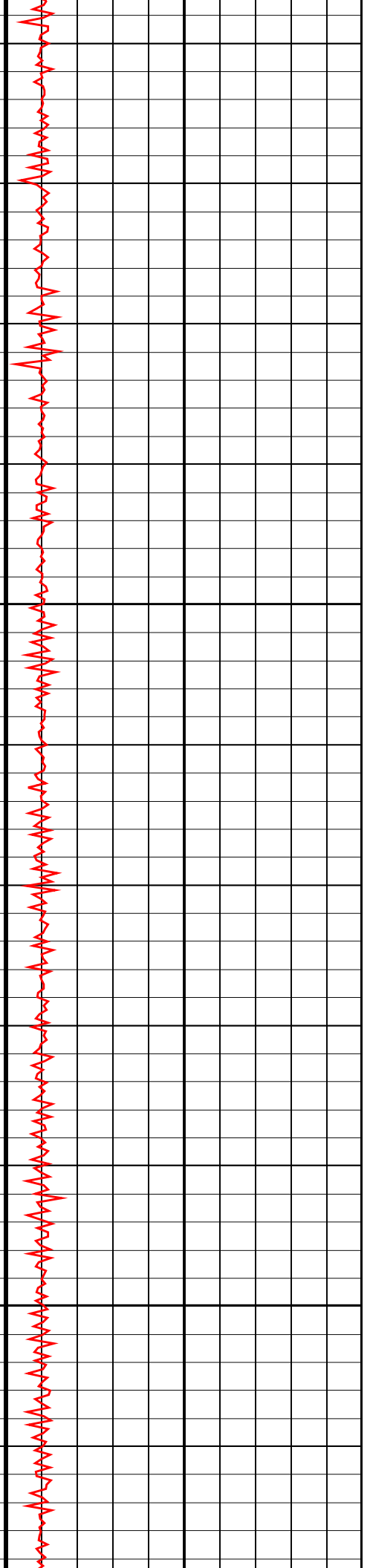
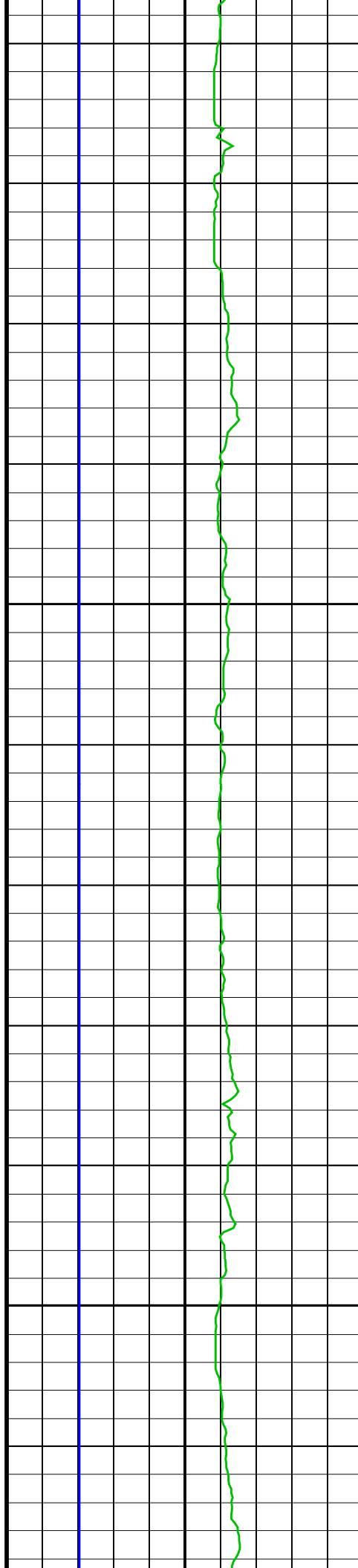


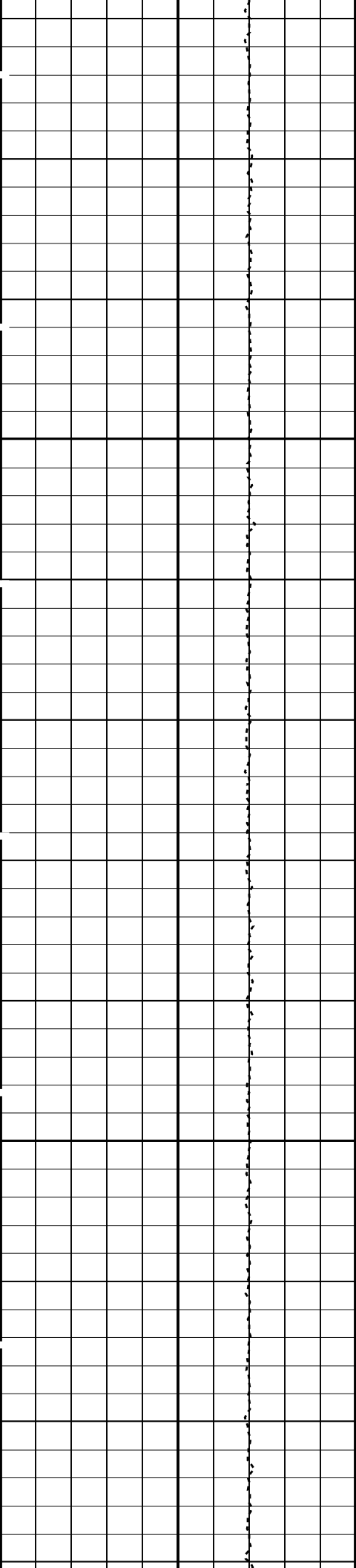




750

775

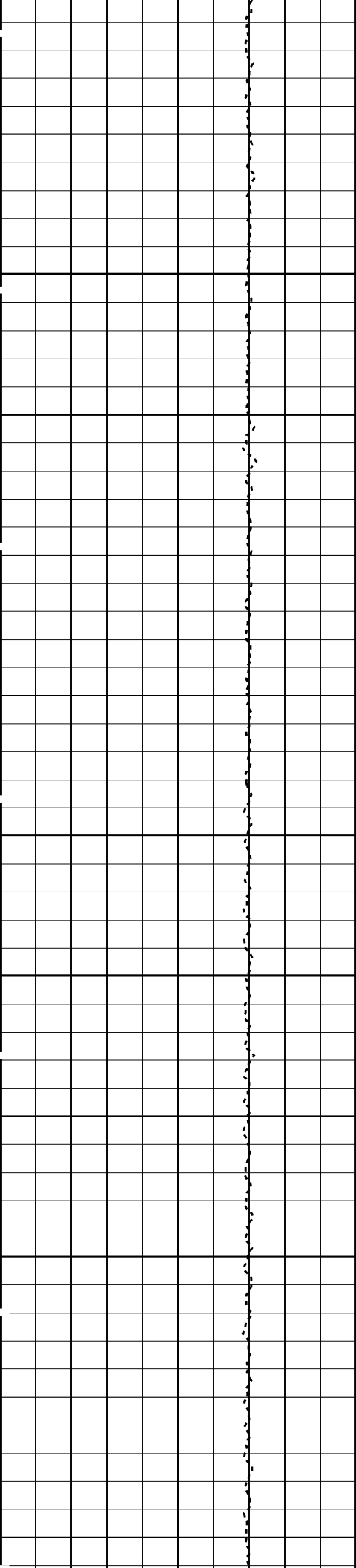




800

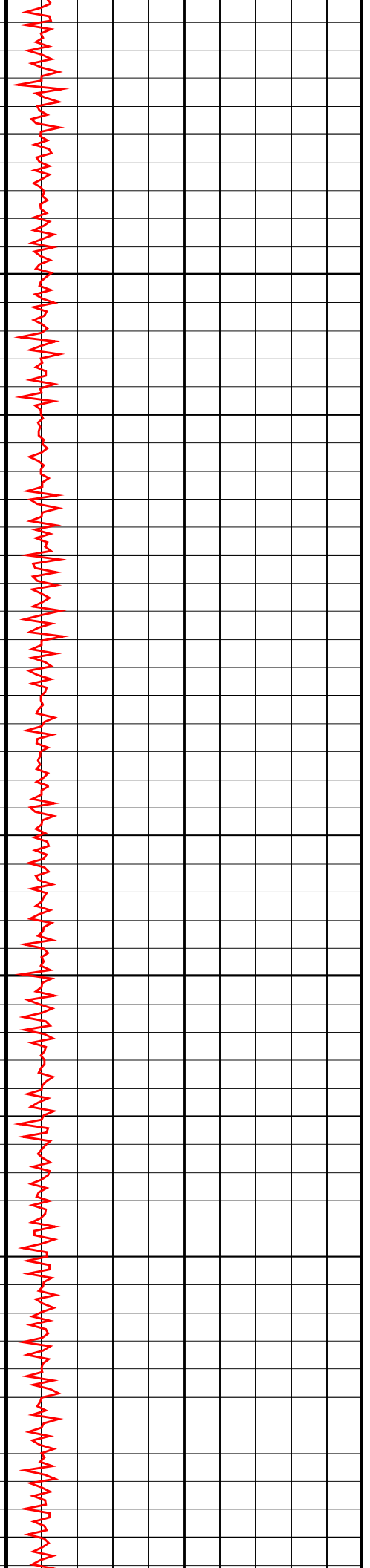
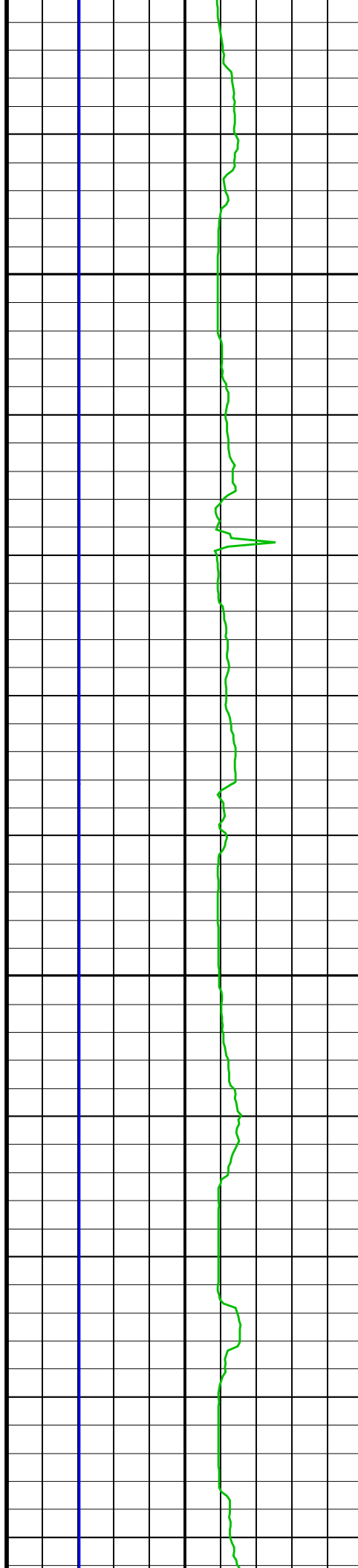
825

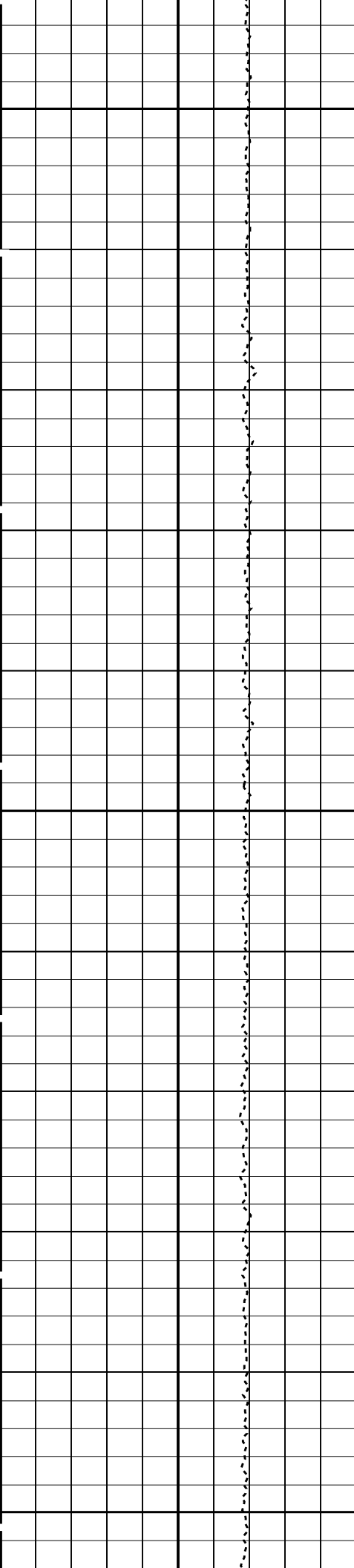




850

875

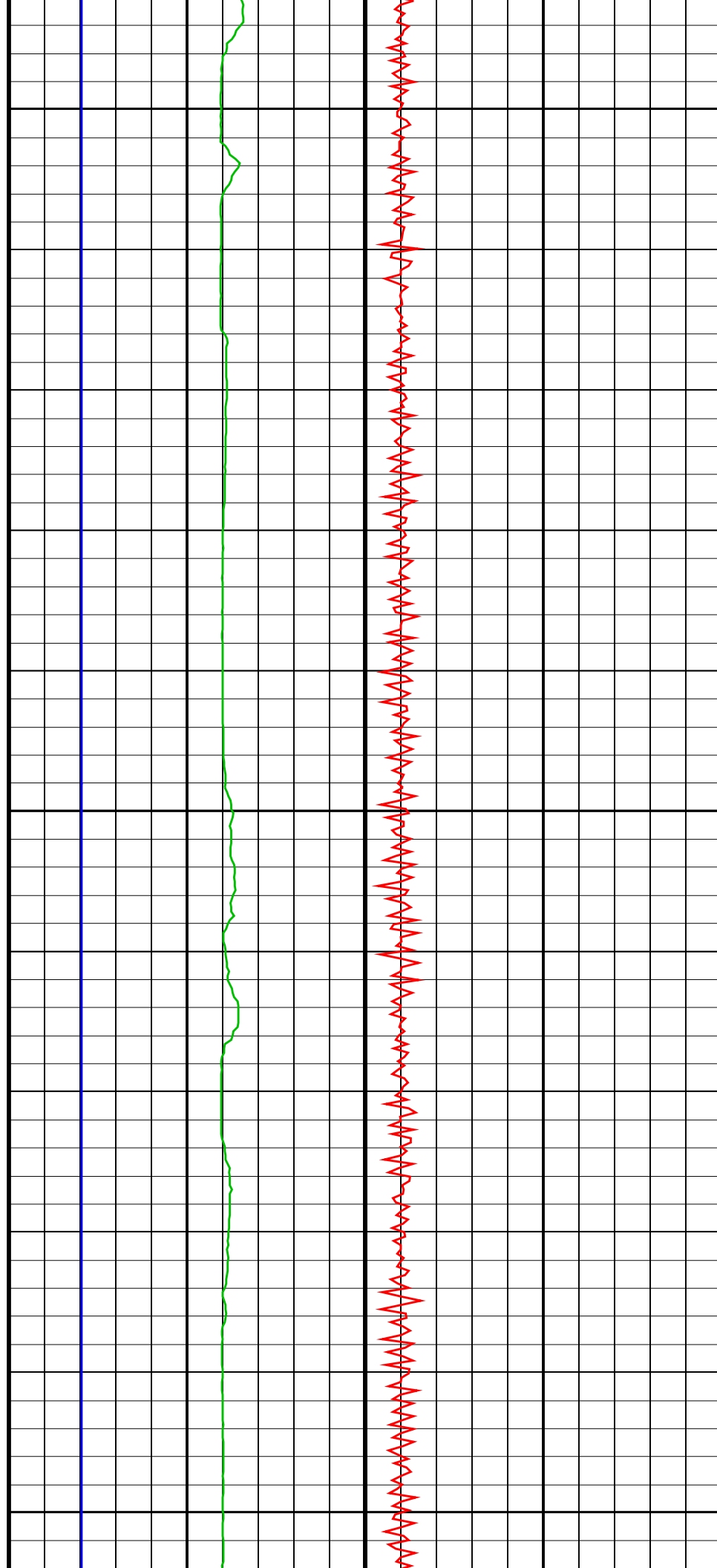


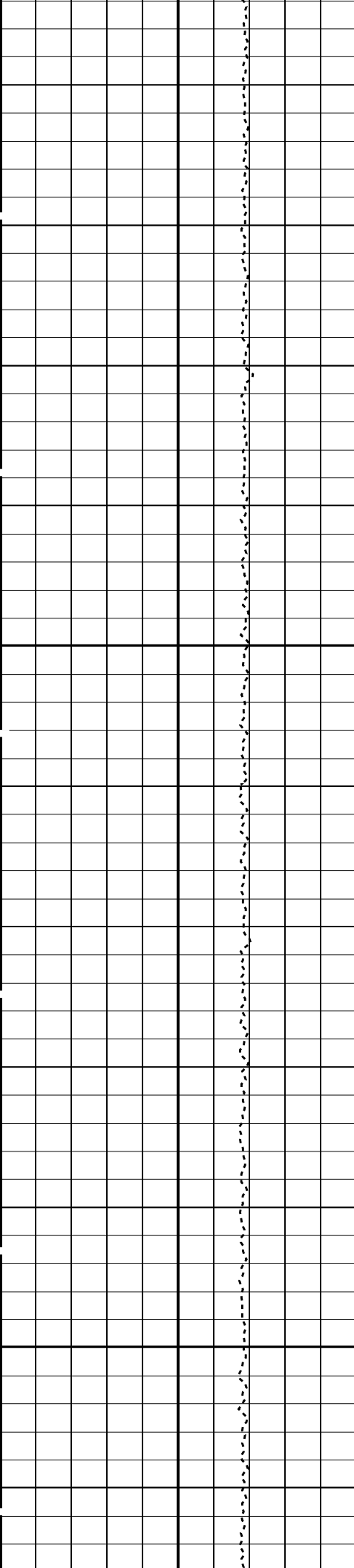


900

925

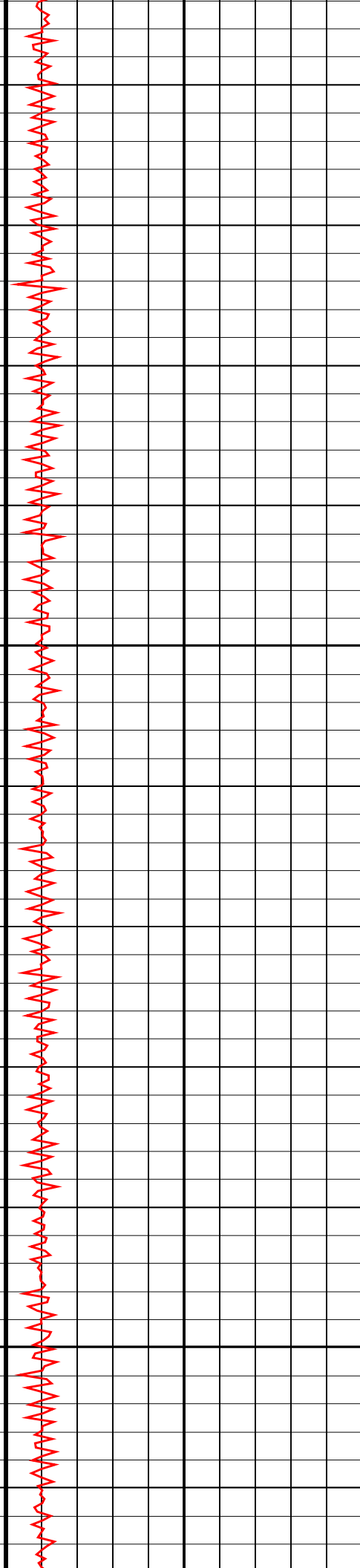
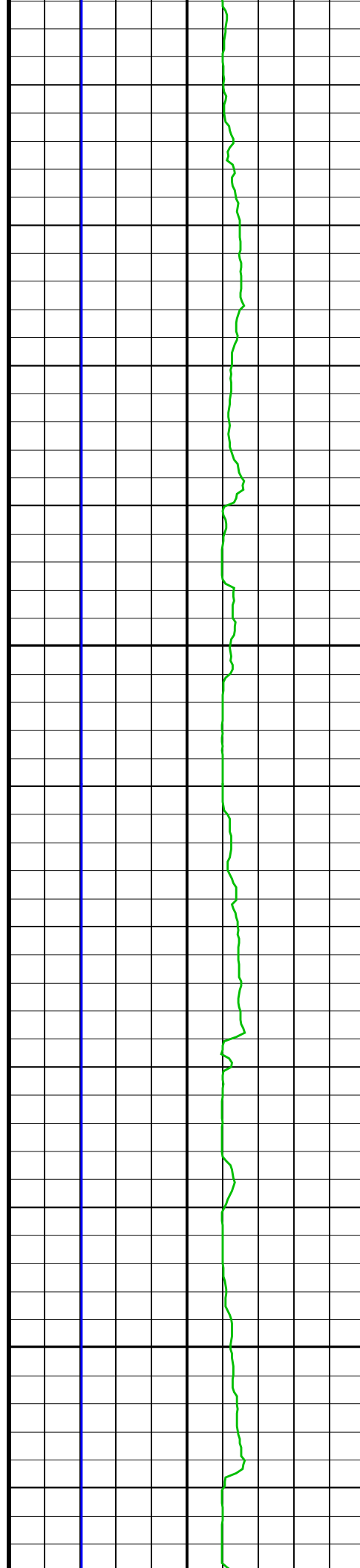
950

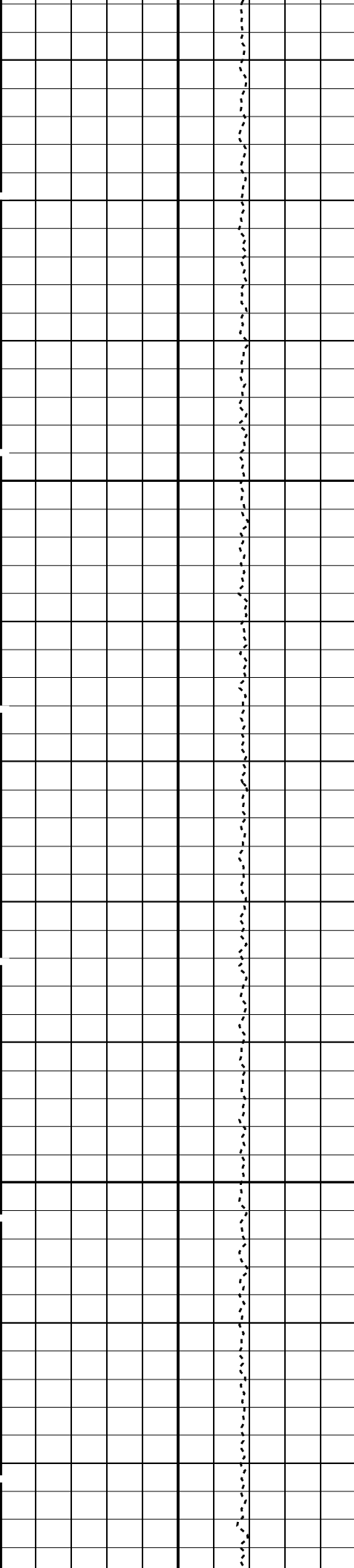




975

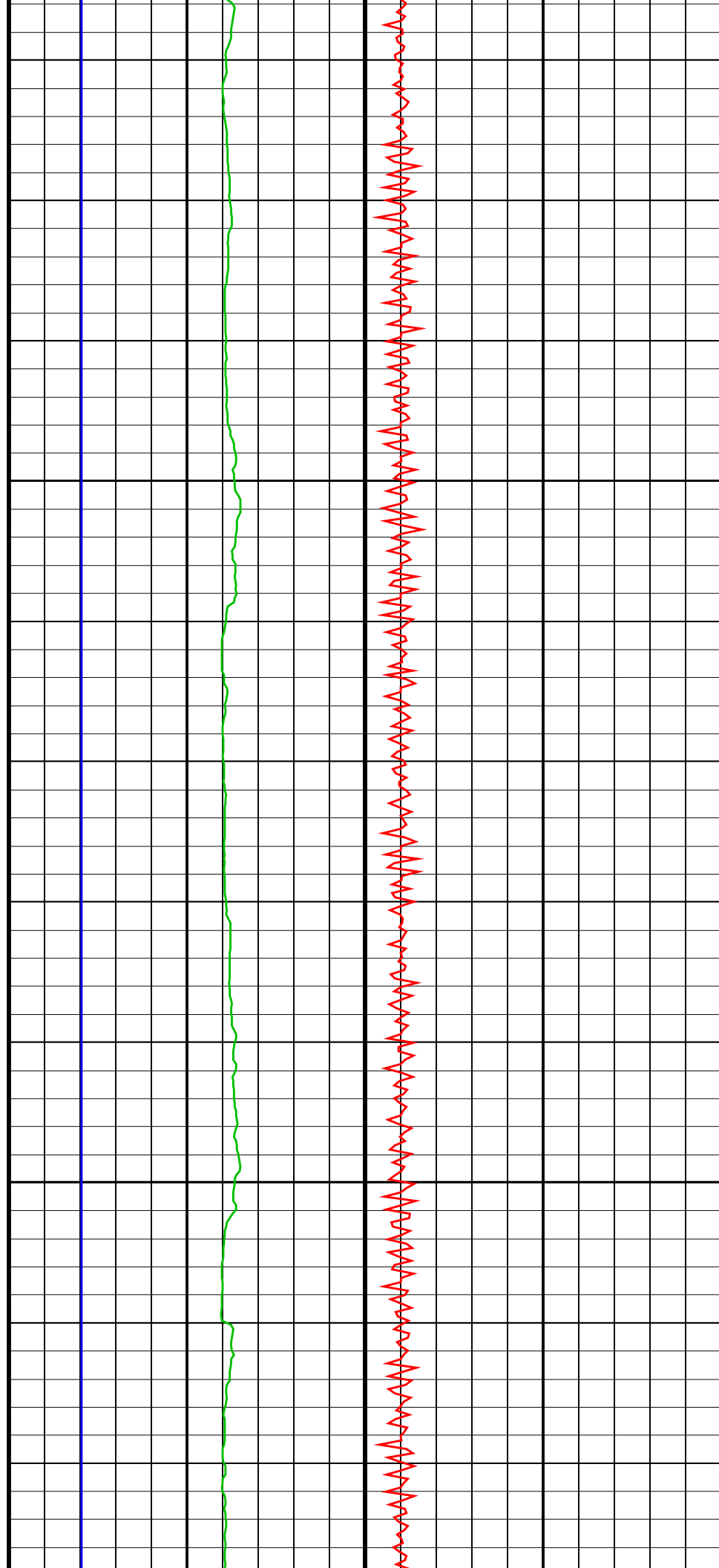
1000

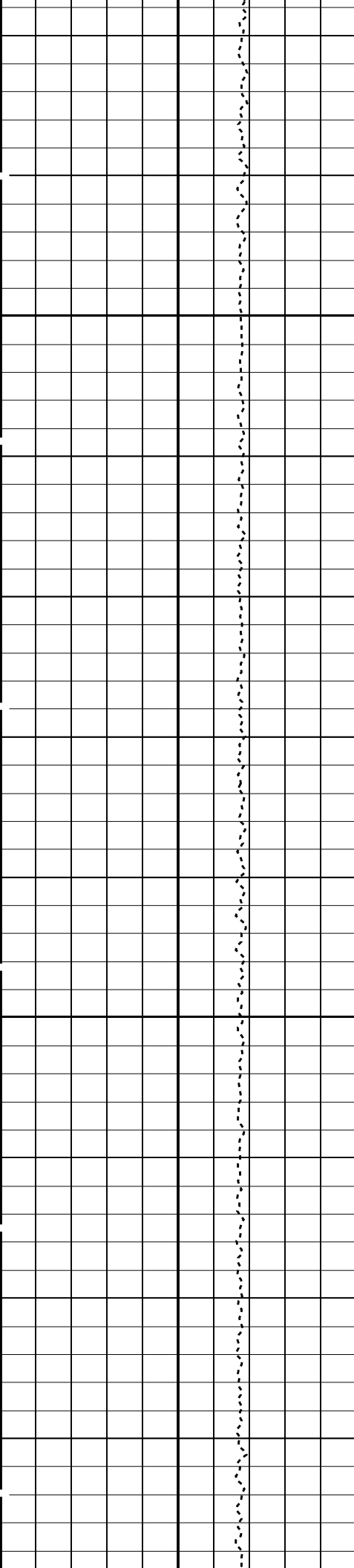




1025

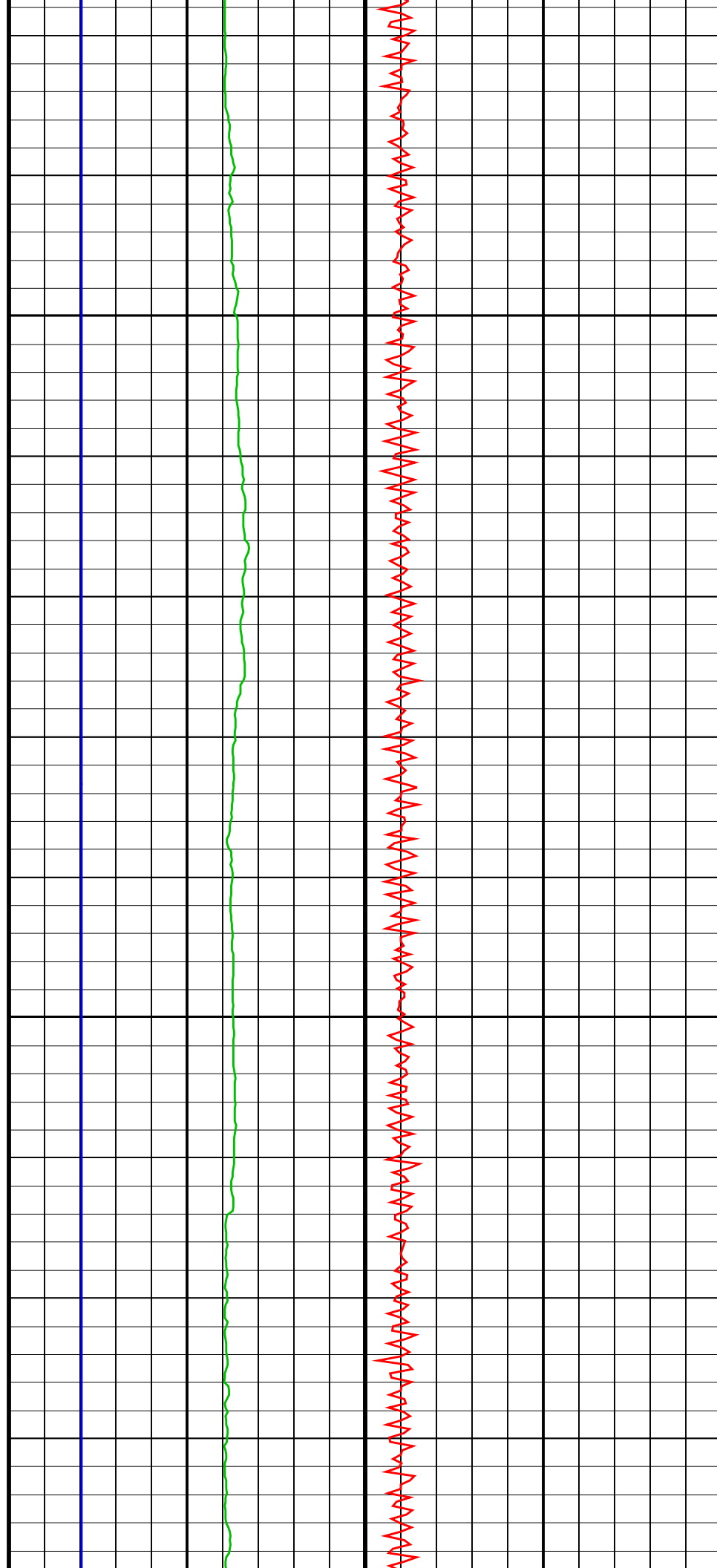
1050

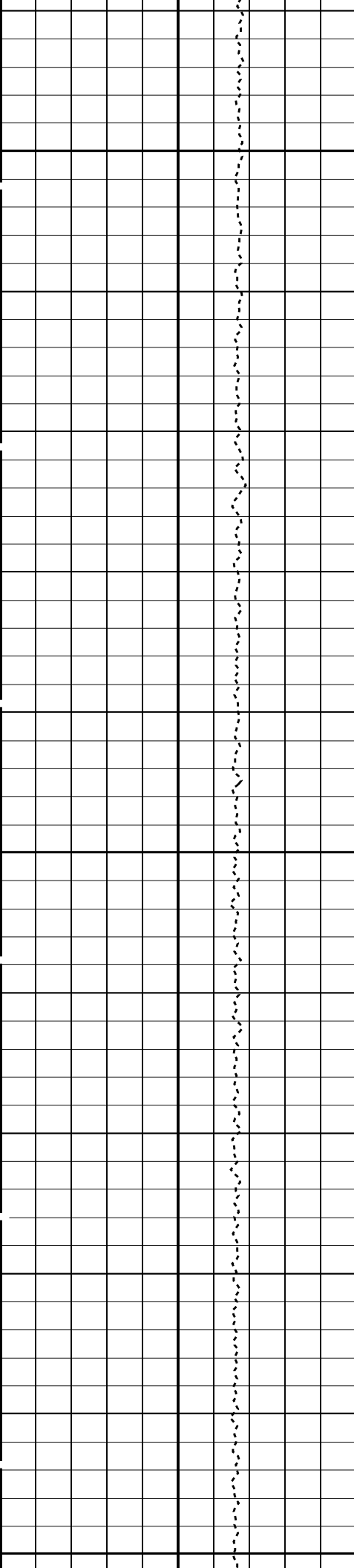




1075

1100

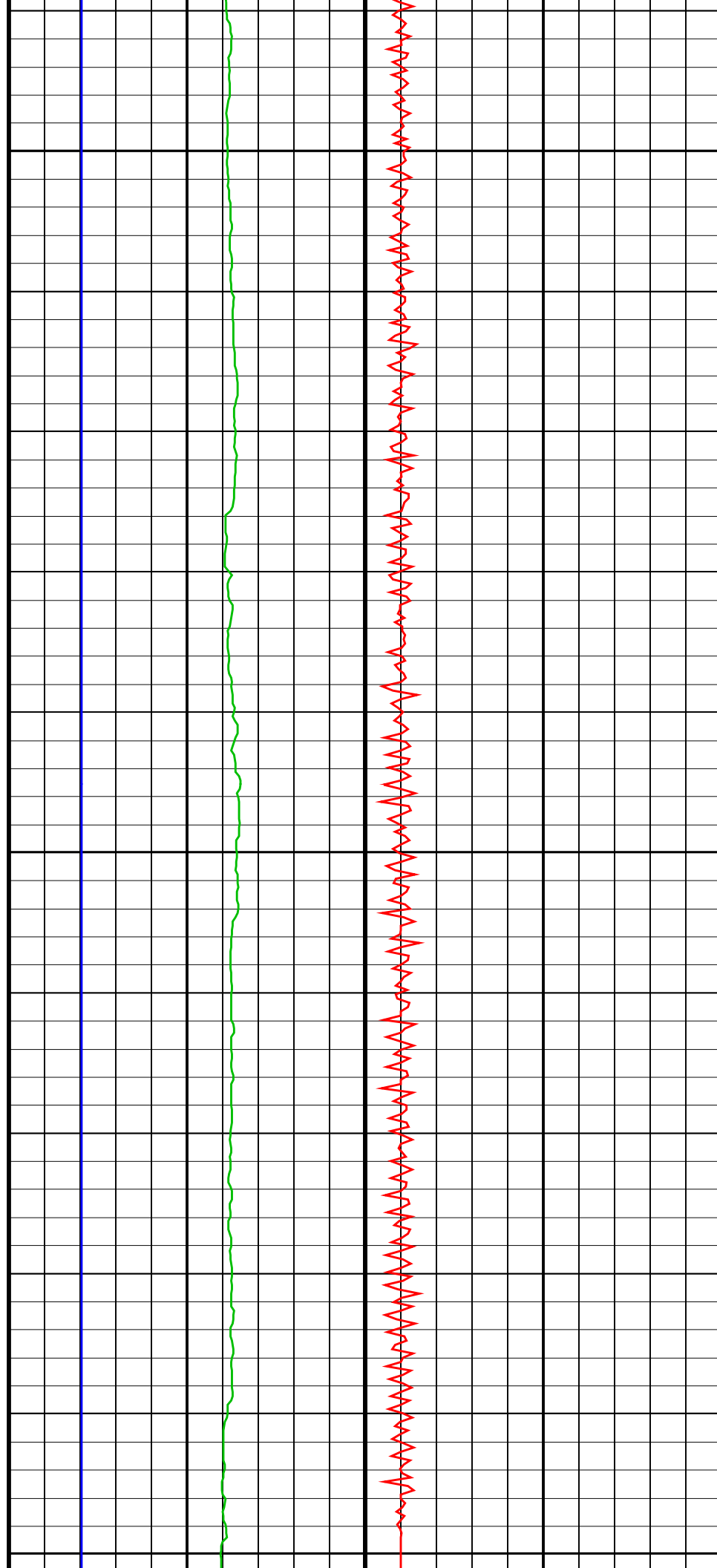




1125

1150

1175



[illegible]

Time Mark Every 60 S

Format: MSS_Logging Vertical Scale: 1:200

Graphics File Created: 29-Sep-2023 23:46

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	DSST-B	19C0-187
HRLT-B	19C0-187	HLDS	19C0-187
LDSC-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files

DEFAULT MSS_LDEO_DSI_HRLA_008LUP FN:6 PRODUCER 29-Sep-2023 23:45



Calibrations

MAXIS Field Log

Calibration and Check Summary							
Measurement	Nominal	Master	Before	After	Change	Limit	Units
High Resolution Laterolog Array – B Wellsite Calibration – HRLT M01							
Before: 29-Sep-2023 21:43							
HRLT M0-M1 Voltage Plus – 0	0	N/A	-318.6	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 1	0	N/A	-330.0	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 2	0	N/A	-336.8	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 3	0	N/A	-327.6	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 4	0	N/A	-319.3	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 5	0	N/A	-320.7	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 6	0	N/A	319.4	N/A	N/A	9.681	UV
HRLT M0-M1 Voltage Plus – 7	0	N/A	-322.7	N/A	N/A	9.681	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT M12							
Before: 29-Sep-2023 21:43							
HRLT M1-M2 Voltage Plus – 0	0	N/A	1736	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 1	0	N/A	1801	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 2	0	N/A	1833	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 3	0	N/A	1783	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 4	0	N/A	1739	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 5	0	N/A	1749	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 6	0	N/A	-1750	N/A	N/A	53.42	UV
HRLT M1-M2 Voltage Plus – 7	0	N/A	1781	N/A	N/A	53.42	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT M23							
Before: 29-Sep-2023 21:43							
HRLT M2-M3 Voltage Plus – 0	0	N/A	1728	N/A	N/A	53.42	UV

HRLT M2-M3 Voltage Plus - 1	0	N/A	1803	N/A	N/A	53.42	UV
HRLT M2-M3 Voltage Plus - 2	0	N/A	1837	N/A	N/A	53.42	UV
HRLT M2-M3 Voltage Plus - 3	0	N/A	1791	N/A	N/A	53.42	UV
HRLT M2-M3 Voltage Plus - 4	0	N/A	1741	N/A	N/A	53.42	UV
HRLT M2-M3 Voltage Plus - 5	0	N/A	1752	N/A	N/A	53.42	UV
HRLT M2-M3 Voltage Plus - 6	0	N/A	-1741	N/A	N/A	53.42	UV
HRLT M2-M3 Voltage Plus - 7	0	N/A	1781	N/A	N/A	53.42	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT V34

Before: 29-Sep-2023 21:43

HRLT A3-A4 Voltage Plus - 0	0	N/A	68510	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus - 1	0	N/A	71310	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus - 2	0	N/A	72970	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus - 3	0	N/A	71360	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus - 4	0	N/A	69360	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus - 5	0	N/A	69800	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus - 6	0	N/A	-67910	N/A	N/A	2100	UV
HRLT A3-A4 Voltage Plus - 7	0	N/A	70000	N/A	N/A	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT V45

Before: 29-Sep-2023 21:43

HRLT A4-A5 Voltage Plus - 0	0	N/A	68590	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus - 1	0	N/A	71520	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus - 2	0	N/A	73160	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus - 3	0	N/A	71520	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus - 4	0	N/A	69470	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus - 5	0	N/A	69900	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus - 6	0	N/A	-68120	N/A	N/A	2100	UV
HRLT A4-A5 Voltage Plus - 7	0	N/A	70000	N/A	N/A	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT V56

Before: 29-Sep-2023 21:43

HRLT A5-A6 Voltage Plus - 0	0	N/A	68440	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus - 1	0	N/A	71370	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus - 2	0	N/A	73000	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus - 3	0	N/A	71380	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus - 4	0	N/A	69330	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus - 5	0	N/A	69760	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus - 6	0	N/A	-67960	N/A	N/A	2100	UV
HRLT A5-A6 Voltage Plus - 7	0	N/A	70000	N/A	N/A	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT VTP

Before: 29-Sep-2023 21:43

HRLT Torpedo-M0 Voltage - 0	0	N/A	-68000	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage - 1	0	N/A	-71190	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage - 2	0	N/A	-72860	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage - 3	0	N/A	-71310	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage - 4	0	N/A	-69310	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage - 5	0	N/A	-69740	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage - 6	0	N/A	67740	N/A	N/A	2100	UV
HRLT Torpedo-M0 Voltage - 7	0	N/A	-70000	N/A	N/A	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT VBD

Before: 29-Sep-2023 21:43

HRLT Bridle#9-M0 Voltage - 0	0	N/A	-68040	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 1	0	N/A	-71270	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 2	0	N/A	-72940	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 3	0	N/A	-71380	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 4	0	N/A	-69360	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 5	0	N/A	-69780	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 6	0	N/A	67830	N/A	N/A	2100	UV
HRLT Bridle#9-M0 Voltage - 7	0	N/A	-70000	N/A	N/A	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT ISO

Before: 29-Sep-2023 21:43

HRLT Source Current Plus - 0	0	N/A	284.0	N/A	N/A	8.520	UA
HRLT Source Current Plus - 1	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus - 2	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus - 3	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus - 4	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus - 5	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus - 6	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus - 7	0	N/A	281.1	N/A	N/A	8.520	UA

High Resolution Laterolog Array - B Wellsite Calibration - HRLT MV

Before: 29-Sep-2023 21:43

HRLT Vertical Voltage PI - 0	0	N/A	-320.1	N/A	N/A	9.681	UV
HRLT Vertical Voltage PI - 1	0	N/A	-323.7	N/A	N/A	9.681	UV
HRLT Vertical Voltage PI - 2	0	N/A	-329.5	N/A	N/A	9.681	UV
HRLT Vertical Voltage PI - 3	0	N/A	-319.1	N/A	N/A	9.681	UV
HRLT Vertical Voltage PI - 4	0	N/A	-308.5	N/A	N/A	9.681	UV
HRLT Vertical Voltage PI - 5	0	N/A	-325.0	N/A	N/A	9.681	UV

HRLT Vertical Voltage PI – 5	0	N/A	-325.6	N/A	N/A	9.681	UV
HRLT Vertical Voltage PI – 6	0	N/A	325.6	N/A	N/A	9.681	UV
HRLT Vertical Voltage PI – 7	0	N/A	-322.7	N/A	N/A	9.681	UV
Hostile Litho–Density Sonde Wellsite Calibration – Background Measurement							
Master: Calibration out of date	17–Apr–2023 16:17	Before: 29–Sep–2023 21:47					
SS Cs Resolution Bkg	9.000	7.686	7.792	N/A	N/A	1.800	%
LS Cs Resolution Bkg	9.000	8.041	8.080	N/A	N/A	1.800	%
LSW1 Background	100.0	68.26	67.62	N/A	N/A	3.000	CPS
LSW2 Background	100.0	60.94	60.35	N/A	N/A	3.000	CPS
LSW3 Background	200.0	138.7	136.8	N/A	N/A	6.000	CPS
LSW4 Background	250.0	175.2	171.8	N/A	N/A	7.500	CPS
LSW5 Background	600.0	408.6	402.8	N/A	N/A	18.00	CPS
SSW1 Background	100.0	65.23	65.21	N/A	N/A	3.000	CPS
SSW2 Background	200.0	113.8	112.2	N/A	N/A	6.000	CPS
SSW3 Background	500.0	315.9	314.9	N/A	N/A	15.00	CPS
SSW4 Background	270.0	170.4	169.4	N/A	N/A	8.100	CPS
SSW5 Background	200.0	123.7	121.2	N/A	N/A	6.000	CPS
Hostile Litho–Density Sonde Wellsite Calibration – Aluminum Measurement							
Master: Calibration out of date	17–Apr–2023 16:44						
LSW1 Aluminum	600.0	389.1	N/A	N/A	N/A	N/A	CPS
LSW2 Aluminum	900.0	572.5	N/A	N/A	N/A	N/A	CPS
LSW3 Aluminum	1100	695.3	N/A	N/A	N/A	N/A	CPS
LSW4 Aluminum	580.0	351.7	N/A	N/A	N/A	N/A	CPS
LSW5 Aluminum	570.0	323.4	N/A	N/A	N/A	N/A	CPS
SSW1 Aluminum	2800	1903	N/A	N/A	N/A	N/A	CPS
SSW2 Aluminum	8000	5285	N/A	N/A	N/A	N/A	CPS
SSW3 Aluminum	11600	7450	N/A	N/A	N/A	N/A	CPS
SSW4 Aluminum	5000	2937	N/A	N/A	N/A	N/A	CPS
SSW5 Aluminum	660.0	318.4	N/A	N/A	N/A	N/A	CPS
Hostile Litho–Density Sonde Wellsite Calibration – Lithology Measurement							
Master: Calibration out of date	17–Apr–2023 16:39						
LSW1 Iron	400.0	275.0	N/A	N/A	N/A	N/A	CPS
LSW2 Iron	730.0	472.8	N/A	N/A	N/A	N/A	CPS
LSW3 Iron	1000	636.1	N/A	N/A	N/A	N/A	CPS
LSW4 Iron	520.0	328.2	N/A	N/A	N/A	N/A	CPS
LSW5 Iron	470.0	300.4	N/A	N/A	N/A	N/A	CPS
SSW1 Iron	2100	1428	N/A	N/A	N/A	N/A	CPS
SSW2 Iron	6800	4512	N/A	N/A	N/A	N/A	CPS
SSW3 Iron	10800	6970	N/A	N/A	N/A	N/A	CPS
SSW4 Iron	4600	2749	N/A	N/A	N/A	N/A	CPS
SSW5 Iron	580.0	293.4	N/A	N/A	N/A	N/A	CPS
Hostile Litho–Density Sonde Wellsite Calibration – Caliper Calibration							
Before: Calibration out of date	17–Apr–2023 15:57						
HLDS Caliper Small Ring	12.00	N/A	16.09	N/A	N/A	N/A	IN
HLDS Caliper Large Ring	15.19	N/A	20.11	N/A	N/A	N/A	IN
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 1 Check							
Master: Calibration out of date	19–Apr–2023 20:22	Before: Calibration out of date	13–Jun–2021 10:44				
Na 511 Peak Loc	40.00	38.56	39.64	N/A	N/A	1.000	
Na 511 Peak Res	15.50	16.82	14.84	N/A	N/A	2.000	%
High Voltage	1150	1206	1168	N/A	N/A	N/A	V
Na 1785 Peak Loc	142.6	139.2	143.3	N/A	N/A	7.000	
Na 1785 Peak Res	8.500	9.087	7.709	N/A	N/A	2.000	%
Temperature	15.50	26.64	11.69	N/A	N/A	N/A	DEGC
Na Count Rate	45.00	47.40	12.89	N/A	N/A	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 2 Check							
Master: Calibration out of date	19–Apr–2023 20:22	Before: Calibration out of date	13–Jun–2021 10:44				
Na 511 Peak Loc	40.00	39.72	39.51	N/A	N/A	1.000	
Na 511 Peak Res	15.50	15.41	15.27	N/A	N/A	2.000	%
High Voltage	1150	1089	1090	N/A	N/A	N/A	V
Na 1785 Peak Loc	142.6	142.9	140.8	N/A	N/A	7.000	
Na 1785 Peak Res	8.500	8.753	9.507	N/A	N/A	2.000	%
Temperature	15.50	25.53	12.30	N/A	N/A	N/A	DEGC
Na Count Rate	45.00	47.70	13.60	N/A	N/A	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Ratio Of Detector 1 To Detector 2							
Master: Calibration out of date	19–Apr–2023 20:22	Before: Calibration out of date	13–Jun–2021 10:44				
Coincidence Count Rate Ratio	1.000	0.9913	0.9527	N/A	N/A	0.05000	
Enhanced DTS Cartridge Wellsite Calibration – EDTC Accelerometer Calibration							
Before: 31–Aug–2023 8:28							
EDTC Z–Axis Acceleration	9.810	N/A	9.844	N/A	N/A	N/A	M/S2
Enhanced DTS Cartridge Wellsite Calibration – Detector Calibration							
Before: Calibration out of date	4–May–2022 21:10						
Gamma Ray (Jig – Bkg)	113.7	N/A	113.7	N/A	N/A	10.34	GAPI
Gamma Ray (Calibrated)	165.0	N/A	165.4	N/A	N/A	15.00	GAPI

High Resolution Laterolog Array – B / Equipment Identification

Primary Equipment:

HRLT Sonde

HRLS – B

768

Auxiliary Equipment:

HRLT lower Housing

HRLH – B

1869

HRLT Lower Cartridge

HRLC – B

1897

HRLT upper Housing

HRUH – B

975









HRLT Upper Cartridge

HRUC – B

964

High Resolution Laterolog Array – B Wellsite Calibration









HRLT M01

Idx	Phase	HRLT M0–M1 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-318.6	-322.7	-280.7	-379.7
1	Before		-330.0	-322.7	-280.7	-379.7
2	Before		-336.8	-322.7	-280.7	-379.7
3	Before		-327.6	-322.7	-280.7	-379.7
4	Before		-319.3	-322.7	-280.7	-379.7
5	Before		-320.7	-322.7	-280.7	-379.7
6	Before		319.4	322.7	379.7	280.7
7	Before		-322.7	-322.7	-280.7	-379.7
		(Minimum) (Nominal) (Maximum)				

Before: 29-Sep-2023 21:43

High Resolution Laterolog Array – B Wellsite Calibration









HRLT M12









Idx	Phase	HRLT M1–M2 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		1736	1781	2095	1549
1	Before		1801	1781	2095	1549
2	Before		1833	1781	2095	1549
3	Before		1783	1781	2095	1549
4	Before		1739	1781	2095	1549
5	Before		1749	1781	2095	1549
6	Before		-1750	-1781	-1549	-2095
7	Before		1781	1781	2095	1549
		(Minimum) (Nominal) (Maximum)				









Before: 29-Sep-2023 21:43









High Resolution Laterolog Array – B Wellsite Calibration




HRLT M23







Idx	Phase	HRLT M2–M3 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		1728	1781	2095	1549
1	Before		1803	1781	2095	1549
2	Before		1837	1781	2095	1549
3	Before		1791	1781	2095	1549
4	Before		1741	1781	2095	1549
5	Before		1752	1781	2095	1549
6	Before		-1741	-1781	-1549	-2095
7	Before		1781	1781	2095	1549









		(Minimum)	(Nominal)	(Maximum)			
Before: 29-Sep-2023 21:43							
High Resolution Laterolog Array – B Wellsite Calibration							
HRLT V34							
Idx	Phase	HRLT A3–A4 Voltage Plus UV		Value	Nominal	Maximum	Minimum
0	Before			68510	70000	82360	60900
1	Before			71310	70000	82360	60900
2	Before			72970	70000	82360	60900
3	Before			71360	70000	82360	60900
4	Before			69360	70000	82360	60900
5	Before			69800	70000	82360	60900
6	Before			–67910	–70000	–60900	–82360
7	Before			70000	70000	82360	60900
		(Minimum)	(Nominal)	(Maximum)			
Before: 29-Sep-2023 21:43							









High Resolution Laterolog Array – B Wellsite Calibration							
HRLT V45							
Idx	Phase	HRLT A4–A5 Voltage Plus UV		Value	Nominal	Maximum	Minimum
0	Before			68590	70000	82360	60900
1	Before			71520	70000	82360	60900
2	Before			73160	70000	82360	60900
3	Before			71520	70000	82360	60900
4	Before			69470	70000	82360	60900
5	Before			69900	70000	82360	60900
6	Before			–68120	–70000	–60900	–82360
7	Before			70000	70000	82360	60900
		(Minimum)	(Nominal)	(Maximum)			
Before: 29-Sep-2023 21:43							









High Resolution Laterolog Array – B Wellsite Calibration							
HRLT V56							
Idx	Phase	HRLT A5–A6 Voltage Plus UV		Value	Nominal	Maximum	Minimum
0	Before			68440	70000	82360	60900
1	Before			71370	70000	82360	60900
2	Before			73000	70000	82360	60900
3	Before			71380	70000	82360	60900
4	Before			69330	70000	82360	60900
5	Before			69760	70000	82360	60900
6	Before			–67960	–70000	–60900	–82360
7	Before			70000	70000	82360	60900
		(Minimum)	(Nominal)	(Maximum)			
Before: 29-Sep-2023 21:43							

High Resolution Laterolog Array – B Wellsite Calibration							
HRLT VTP							
Idx	Phase	HRLT Torpedo–M0 Voltage Plus UV		Value	Nominal	Maximum	Minimum
0	Before			–68000	–70000	–60900	–82360
1	Before			–71190	–70000	–60900	–82360
2	Before			72860	70000	82360	60900

2	Before		-72860	-70000	-60900	-82360
3	Before		-71310	-70000	-60900	-82360
4	Before		-69310	-70000	-60900	-82360
5	Before		-69740	-70000	-60900	-82360
6	Before		67740	70000	82360	60900
7	Before		-70000	-70000	-60900	-82360
		(Minimum) (Nominal) (Maximum)				

High Resolution Laterolog Array – B Wellsite Calibration							
HRLT VBD							
Idx	Phase	HRLT Bridle#9–M0 Voltage Plus UV	Value	Nominal	Maximum	Minimum	
0	Before		-68040	-70000	-60900	-82360	
1	Before		-71270	-70000	-60900	-82360	
2	Before		-72940	-70000	-60900	-82360	
3	Before		-71380	-70000	-60900	-82360	
4	Before		-69360	-70000	-60900	-82360	
5	Before		-69780	-70000	-60900	-82360	
6	Before		67830	70000	82360	60900	
7	Before		-70000	-70000	-60900	-82360	
		(Minimum) (Nominal) (Maximum)					

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT ISO						
Idx	Phase	HRLT Source Current Plus UA	Value	Nominal	Maximum	Minimum
0	Before		284.0	284.0	334.1	247.0
1	Before		281.1	281.1	330.7	244.4
2	Before		281.1	281.1	330.7	244.4
3	Before		281.1	281.1	330.7	244.4
4	Before		281.1	281.1	330.7	244.4
5	Before		281.1	281.1	330.7	244.4
6	Before		281.1	281.1	330.7	244.4
7	Before		281.1	281.1	330.7	244.4
		(Minimum) (Nominal) (Maximum)				

High Resolution Laterolog Array – B Wellsite Calibration							
HRLT MV							
Idx	Phase	HRLT Vertical Voltage Plus UV	Value	Nominal	Maximum	Minimum	
0	Before		-320.1	-322.7	-280.7	-379.7	
1	Before		-323.7	-322.7	-280.7	-379.7	
2	Before		-329.5	-322.7	-280.7	-379.7	
3	Before		-319.1	-322.7	-280.7	-379.7	
4	Before		-308.5	-322.7	-280.7	-379.7	
5	Before		-325.0	-322.7	-280.7	-379.7	
6	Before		325.6	322.7	379.7	280.7	
7	Before		-322.7	-322.7	-280.7	-379.7	
		(Minimum) (Nominal) (Maximum)					

Hostile Litho-Density Sonde / Equipment Identification

Primary Equipment:

Gamma Source Radioactive
Hostile Litho Density Sonde
Hostile Litho Density High Voltage

GSR – ZA 2945
HLDS – D 77
HLDV – D 67

Auxiliary Equipment:

Hostile Litho Density High Voltage Housi
Hostile Litho Density Pad

HEH – H 67
HLDP – C 83

Hostile Litho-Density Sonde Wellsite Calibration

Background Measurement

Phase	SS Cs Resolution Bkg %	Value	Phase	LS Cs Resolution Bkg %	Value	Phase	LSW1 Background CPS	Value
Master	<div><div></div></div>	7.686	Master	<div><div></div></div>	8.041	Master	<div><div></div></div>	68.26
Before	<div><div></div></div>	7.792	Before	<div><div></div></div>	8.080	Before	<div><div></div></div>	67.62
7.000 (Minimum) 9.000 (Nominal) 11.00 (Maximum)			7.000 (Minimum) 9.000 (Nominal) 11.00 (Maximum)			55.00 (Minimum) 100.0 (Nominal) 150.0 (Maximum)		
Phase	LSW2 Background CPS	Value	Phase	LSW3 Background CPS	Value	Phase	LSW4 Background CPS	Value
Master	<div><div></div></div>	60.94	Master	<div><div></div></div>	138.7	Master	<div><div></div></div>	175.2
Before	<div><div></div></div>	60.35	Before	<div><div></div></div>	136.8	Before	<div><div></div></div>	171.8
50.00 (Minimum) 100.0 (Nominal) 140.0 (Maximum)			110.0 (Minimum) 200.0 (Nominal) 290.0 (Maximum)			140.0 (Minimum) 250.0 (Nominal) 360.0 (Maximum)		
Phase	LSW5 Background CPS	Value	Phase	SSW1 Background CPS	Value	Phase	SSW2 Background CPS	Value
Master	<div><div></div></div>	408.6	Master	<div><div></div></div>	65.23	Master	<div><div></div></div>	113.8
Before	<div><div></div></div>	402.8	Before	<div><div></div></div>	65.21	Before	<div><div></div></div>	112.2
330.0 (Minimum) 600.0 (Nominal) 830.0 (Maximum)			55.00 (Minimum) 100.0 (Nominal) 150.0 (Maximum)			100.0 (Minimum) 200.0 (Nominal) 260.0 (Maximum)		
Phase	SSW3 Background CPS	Value	Phase	SSW4 Background CPS	Value	Phase	SSW5 Background CPS	Value
Master	<div><div></div></div>	315.9	Master	<div><div></div></div>	170.4	Master	<div><div></div></div>	123.7
Before	<div><div></div></div>	314.9	Before	<div><div></div></div>	169.4	Before	<div><div></div></div>	121.2
280.0 (Minimum) 500.0 (Nominal) 700.0 (Maximum)			150.0 (Minimum) 270.0 (Nominal) 380.0 (Maximum)			110.0 (Minimum) 200.0 (Nominal) 270.0 (Maximum)		
Master: Calibration out of date 17-Apr-2023 16:17			Before: 29-Sep-2023 21:47					

Litho-Density Spectroscopy Cartridge – B / Equipment Identification

Primary Equipment:

LDSC Cartridge

LDSC – B 295

Auxiliary Equipment:

LDSC Housing

LDSC – A 333

Hostile Natural Gamma Ray Cartridge – B / Equipment Identification

Primary Equipment:

HNGC Cartridge

HNGC – B 300

Auxiliary Equipment:

HNGC Housing

HNGH – A 115

Hostile Natural Gamma Ray Sonde / Equipment Identification

Primary Equipment:

HNCS Sonde















HNCS – BA 177


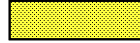
Auxiliary Equipment:

HNCS Sonde Housing
Gamma Source Radioactive

HNCS – BA 174
GSR – U 135


Hostile Natural Gamma Ray Sonde Wellsite Calibration																	
Detector 1 Check																	
Phase	Na 511 Peak Loc			Value	Phase	Na 511 Peak Res %			Value	Phase	High Voltage V			Value			
Master	<div><div></div></div>			38.56	Master	<div><div></div></div>			16.82	Master	<div><div></div></div>			1206			
Before	<div><div></div></div>			39.64	Before	<div><div></div></div>			14.84	Before	<div><div></div></div>			1168			
37.50 (Minimum)				40.00 (Nominal)	43.50 (Maximum)				12.00 (Minimum)				15.50 (Nominal)	19.00 (Maximum)			
Phase	Na 1785 Peak Loc			Value	Phase	Na 1785 Peak Res %			Value	Phase	Temperature DEGC			Value			
Master	<div><div></div></div>			139.2	Master	<div><div></div></div>			9.087	Master	<div><div></div></div>			26.64			
Before	<div><div></div></div>			143.3	Before	<div><div></div></div>			7.709	Before	<div><div></div></div>			11.69			
135.0 (Minimum)				142.6 (Nominal)	150.3 (Maximum)				7.000 (Minimum)				8.500 (Nominal)	11.00 (Maximum)			
Phase	Na Count Rate CPS			Value													
Master	<div><div></div></div>			47.40													
Before	<div><div></div></div>			12.89													
10.00 (Minimum)				45.00 (Nominal)									100.0 (Maximum)				
Master: Calibration out of date 19-Apr-2023 20:22												Before: Calibration out of date 13-Jun-2021 10:44					

Hostile Natural Gamma Ray Sonde Wellsite Calibration																
Detector 2 Check																
Phase	Na 511 Peak Loc		Value	Phase	Na 511 Peak Res %		Value	Phase	High Voltage V		Value					
Master			39.72	Master			15.41	Master			1089					
Before			39.51	Before			15.27	Before			1090					
37.50 (Minimum)			40.00 (Nominal)	43.50 (Maximum)			12.00 (Minimum)			15.50 (Nominal)	19.00 (Maximum)	900.0 (Minimum)			1150 (Nominal)	1600 (Maximum)
Phase	Na 1785 Peak Loc		Value	Phase	Na 1785 Peak Res %		Value	Phase	Temperature DEGC		Value					
Master			142.9	Master			8.753	Master			25.53					
Before			140.8	Before			9.507	Before			12.30					
135.0 (Minimum)			142.6 (Nominal)	150.3 (Maximum)			7.000 (Minimum)			8.500 (Nominal)	11.00 (Maximum)	-28.89 (Minimum)			15.50 (Nominal)	60.00 (Maximum)
Phase	Na Count Rate CPS		Value													
Master			47.70													
Before			13.60													
10.00 (Minimum)			45.00 (Nominal)									100.0 (Maximum)				
Master: Calibration out of date 19-Apr-2023 20:22 Before: Calibration out of date 13-Jun-2021 10:44																

Hostile Natural Gamma Ray Sonde Wellsite Calibration			
Ratio Of Detector 1 To Detector 2			
Phase	Coincidence Count Rate Ratio	Value	
Master		0.9913	
Before		0.9527	
	0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)
Master: Calibration out of date 19-Apr-2023 20:22			
Before: Calibration out of date 13-Jun-2021 10:44			

Enhanced DTS Cartridge / Equipment Identification		
Primary Equipment:		
EDTC Gamma Ray Detector	EDTG – A/B	79159
Enhanced DTS Cartridge	EDTC – B	8081
Auxiliary Equipment:		
EDTC Housing	EDTH – B	8226

Enhanced DTS Cartridge Wellsite Calibration		
EDTC Accelerometer Calibration		
Phase	EDTC Z-Axis Acceleration M/S2	Value

Before		9.844
9.610 (Minimum)	9.810 (Nominal)	10.01 (Maximum)
Before: 31-Aug-2023 8:28		

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	<div><div></div></div>			1.417	Before	<div><div></div></div>			113.7	Before	<div><div></div></div>			165.4
	0 (Minimum)	30.00 (Nominal)	120.0 (Maximum)			103.4 (Minimum)	113.7 (Nominal)	124.1 (Maximum)			150.0 (Minimum)	165.0 (Nominal)	180.0 (Maximum)	
Before: Calibration out of date 4-May-2022 21:10														

Company:	International Ocean Discovery Program	Schlumberger
Well:	Expedition 400, Site U1608A	
Field:	NW Greenland Glaciated Margin	
Rig:	JOIDES Resolution	
Country:	Greenland	
HNGS, HLDS, HRLA, DSI, MSS Gamma, Density, Resistivity, Sonic, Mag		