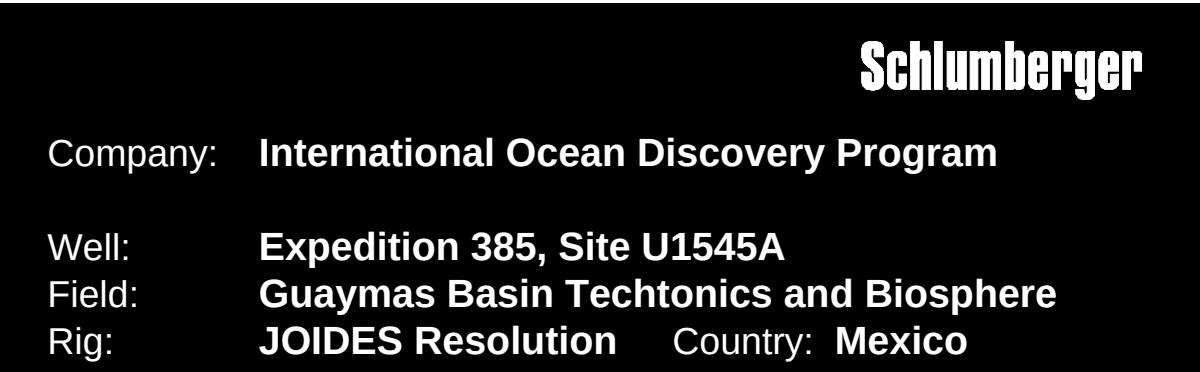




Well: **Expedition 385, Site U1545A**
Field: **Guaymas Basin Tectonics and Biosphere**
Rig: **JOIDES Resolution** Country: **Mexico**

Rig:	JOIDES Resolution	Dipole Shear Sonic (DSI)						
Field:	Guaymas Basin Technonics and Fluid Flow	Formation Micro-Imager (FMS)						
Location:	Latitude: N 27° 39.2315'	LOCATION	Latitude: N 27° 39.2315'			Elev.:	K.B.	0.00 m
Well:	Expedition 385, Site U1545A		Longitude: W 111° 53.3396'				G.L.	-1604.40 m
Company:	International Ocean Discovery Program						D.F.	0.00 m
			Permanent Datum: <u>Sea Floor</u>			Elev.:	<u>-1604.40 m</u>	
		Log Measured From: <u>Rig Floor</u>			1604.40 m above Perm. Datum			
		Drilling Measured From: <u>Rig Floor</u>						
		Ocean:	Max. Well Deviation			Longitude	Latitude	
		Pacific	0 deg			W 111.8889933	N 27.65386	

Logging Date			30-Sep-2019					
Run Number			2					
Depth Driller			2112.75 m					
Schlumberger Depth			2080 m					
Bottom Log Interval			2080 m					
Top Log Interval			1604.4 m					
Casing Driller Size @ Depth			5.500 in @ 1679.4 m			@		
Casing Schlumberger			1679.4 m					
Bit Size			11.438 in					
Type Fluid In Hole			Sea Water					
MUD	Density	Viscosity	1.05 g/cm3					
	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	0.317 @ 9	@ 9	@	@	@		
Maximum Recorded Temperatures			9 degC					
Circulation Stopped		Time	30-Sep-2019 0:00					
Logger On Bottom		Time	30-Sep-2019 20:30					
Unit Number	Location	626501, Larose, LA						
Recorded By			C. Furman					
Witnessed By			K. Griger					

[illegible]

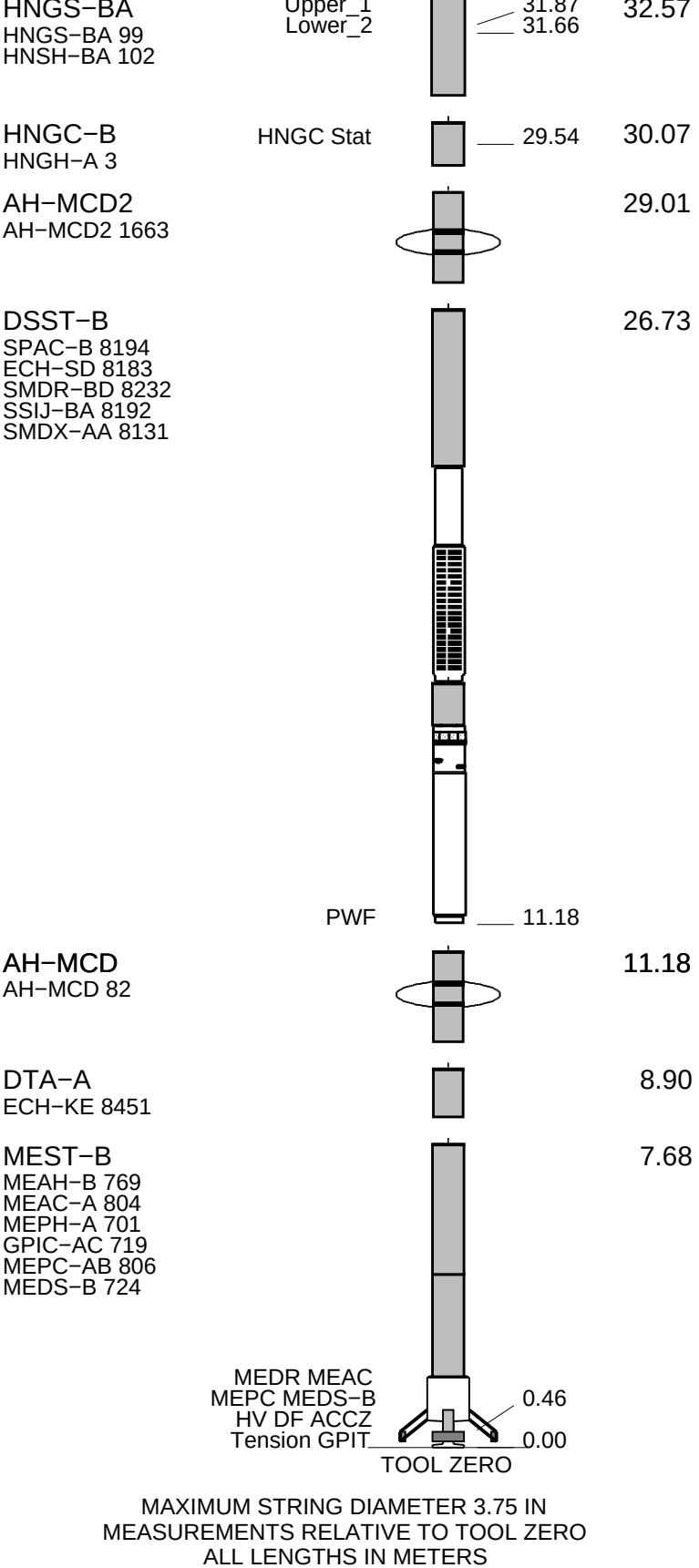
Run 4

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.

OTHER SERVICES1			OTHER SERVICES2		
OS1:			OS1:		
OS2:			OS2:		
OS3:			OS3:		
OS4:			OS4:		
OS5:			OS5:		
REMARKS: RUN NUMBER 1			REMARKS: RUN NUMBER 2		
Hole drilled with APC/XCB Assembly at 11-7/16" BS					
Logging conducted through LFV using LFV Actuator (Go Devil) attached to logging string					
Drilled TD was 2104.0mbrf					
Drill Pipe set at 1684mbrf for logging.					
Tools run centralized using MCD tools. See toolsketch.					
Fluid type was sea water.					
Depth recorded from drill floor; logs presented as-logged without depth corrections or shifts, as per client instructions.					
All logs presented in wireline measured depth below rig floor (MDBRF).					
Calipers opened during upward passes and EMEX on; closed / off inside pipe.					
Hole size corrections made using caliper measurements for upward passes.					
Active Heave Compensator (AHC) used in open-hole; switched off prior to re-entring pipe.					
Mud Temperature recorded using LEH-MT for qualitative analysis of borehole fluid temperature.					
DSI run with following modes / frequencies:					
P&S Monopole Normal					
Upper Dipole Normal					
Lower Dipole Low Freq.					
Stoneley Normal					
RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION: 19C0-187			PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

RUN 1

SURFACE EQUIPMENT				
GSR-U 6098				
WITM (EDTS)-A				
DOWNHOLE EQUIPMENT				
LEH-MT	MDSB_EDTC		34.55	35.51
LEH-MT 301	Mud Tempe CTEM		33.49	
EDTC-B	Gamma Ray		32.92	34.55
EDTH-B 8303	EFTB DIAG			
EDTC-B 8317	TelStatus			
EDTG-A/B 8305	EDTCB Ele		32.57	
WITM (EDTS)-A	WITM (EDTS)-A		31.87	32.57



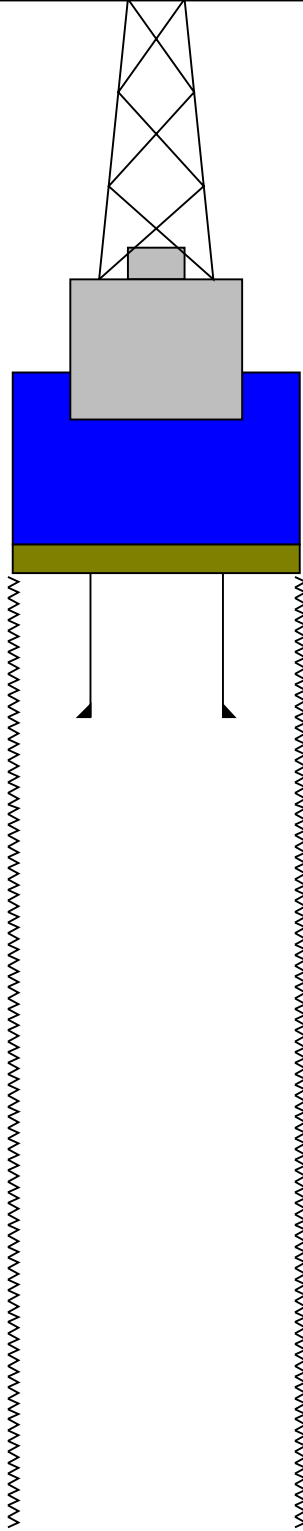
Production String	(in)	(m)	Well Schematic	(m)	(in)	Casing String
	OD	ID	MD	MD	OD	ID

Kelly Bushing Elevation
Derrick Floor Elevation

Mean Sea Level

-11.0
-11.0

0.0



1604.4

11.875

4.000

Sea Floor

1679.4

5.500

4.000

Bit Depth

2112.8

11.875

TD - Driller



Second Pass
1:200 Scale

MAXIS Field Log

Input DLIS Files

DEFAULT	FMS_DSI_NGS_038PUP	FN:43	PRODUCER	03-Oct-2019 20:51	2057.4 M	1590.8 M
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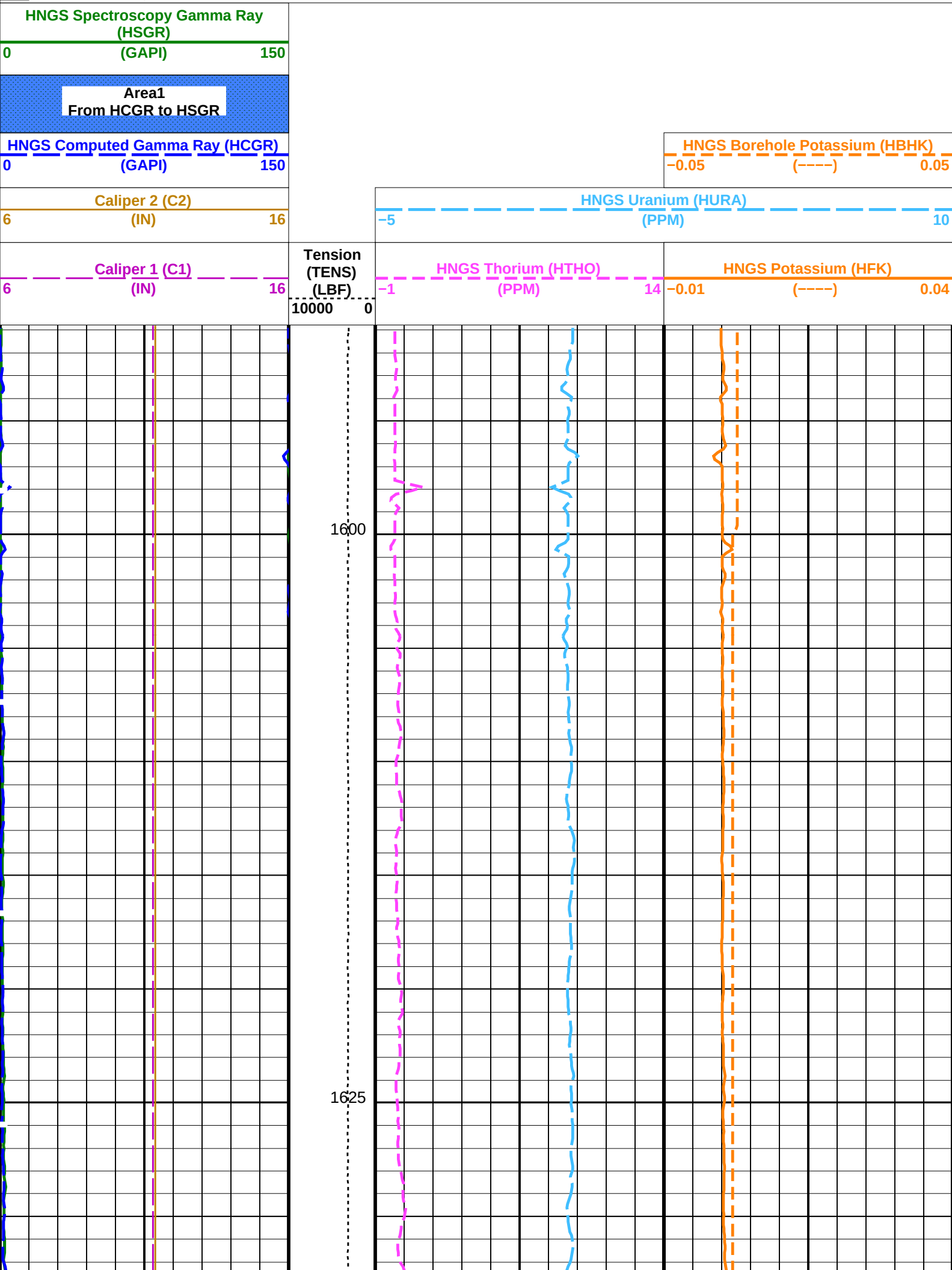
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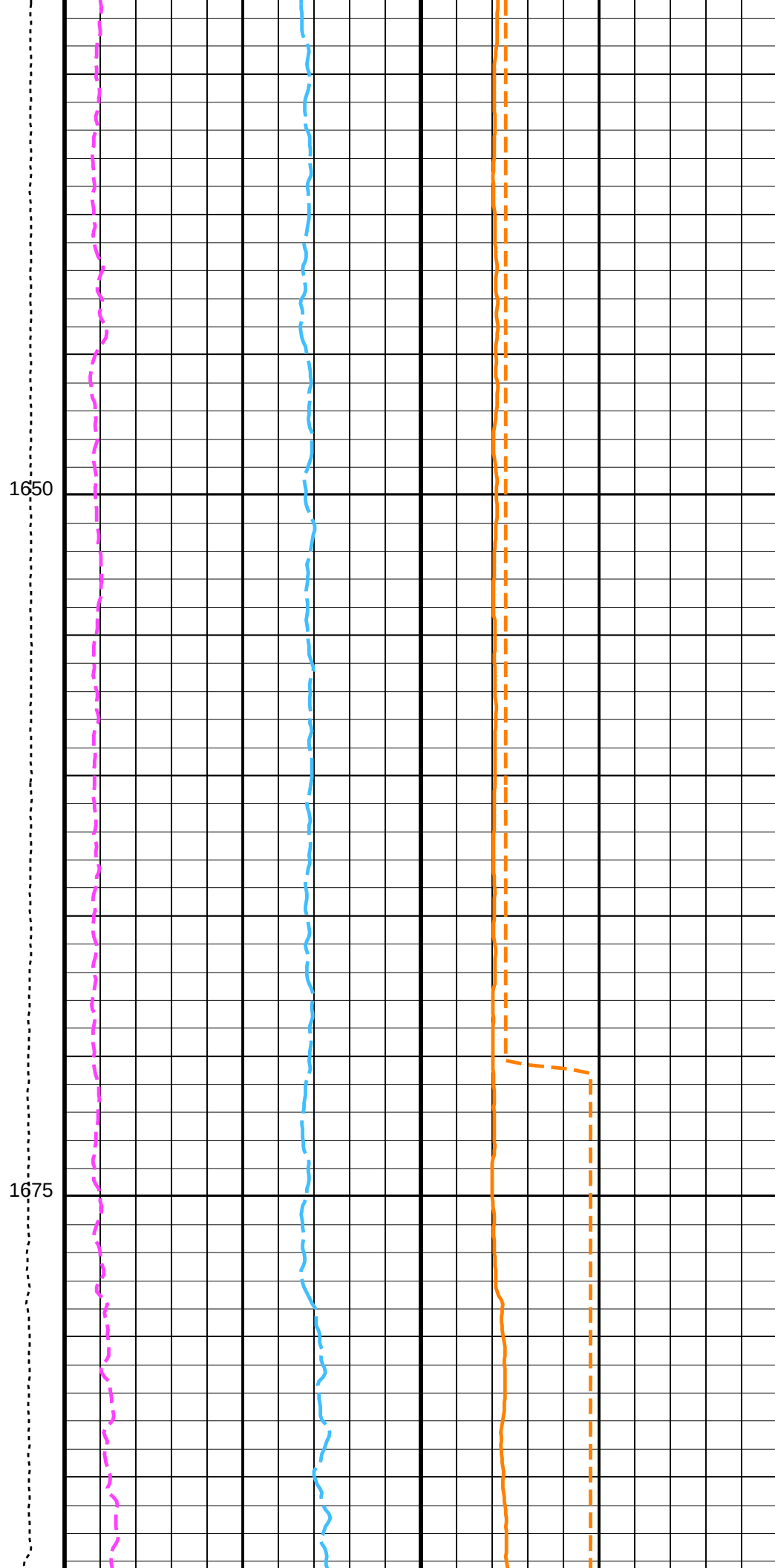
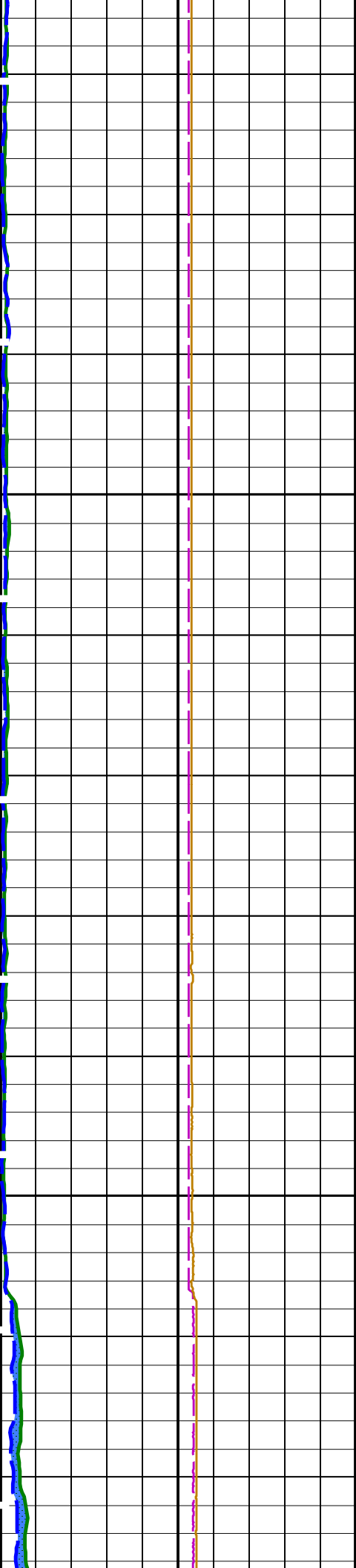
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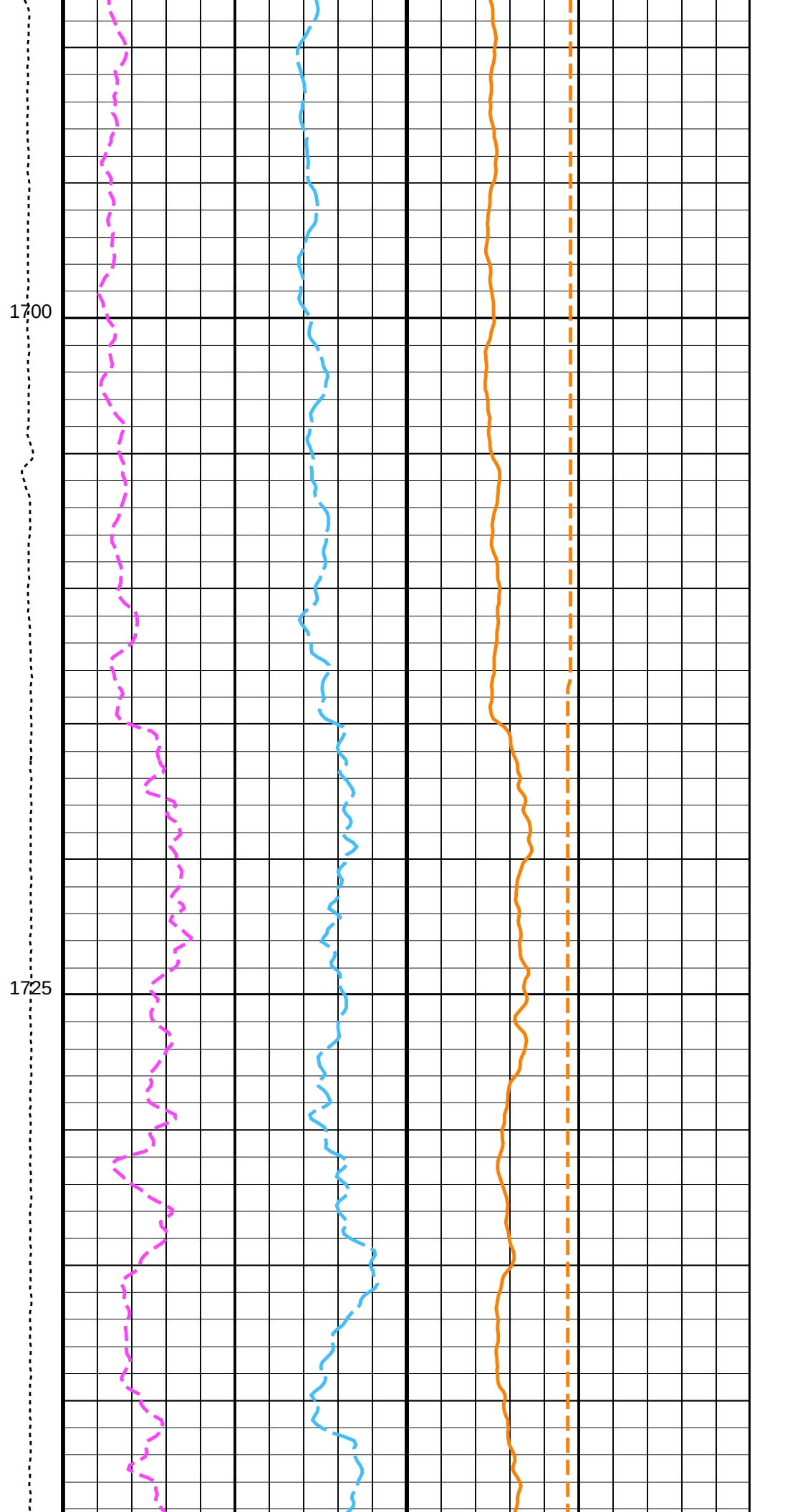
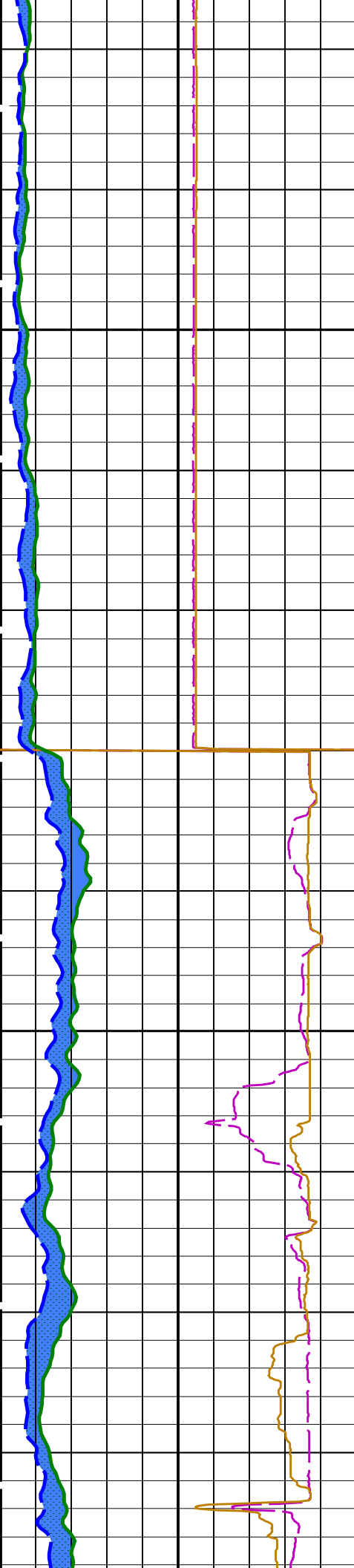
OP System Version: 19C0-187

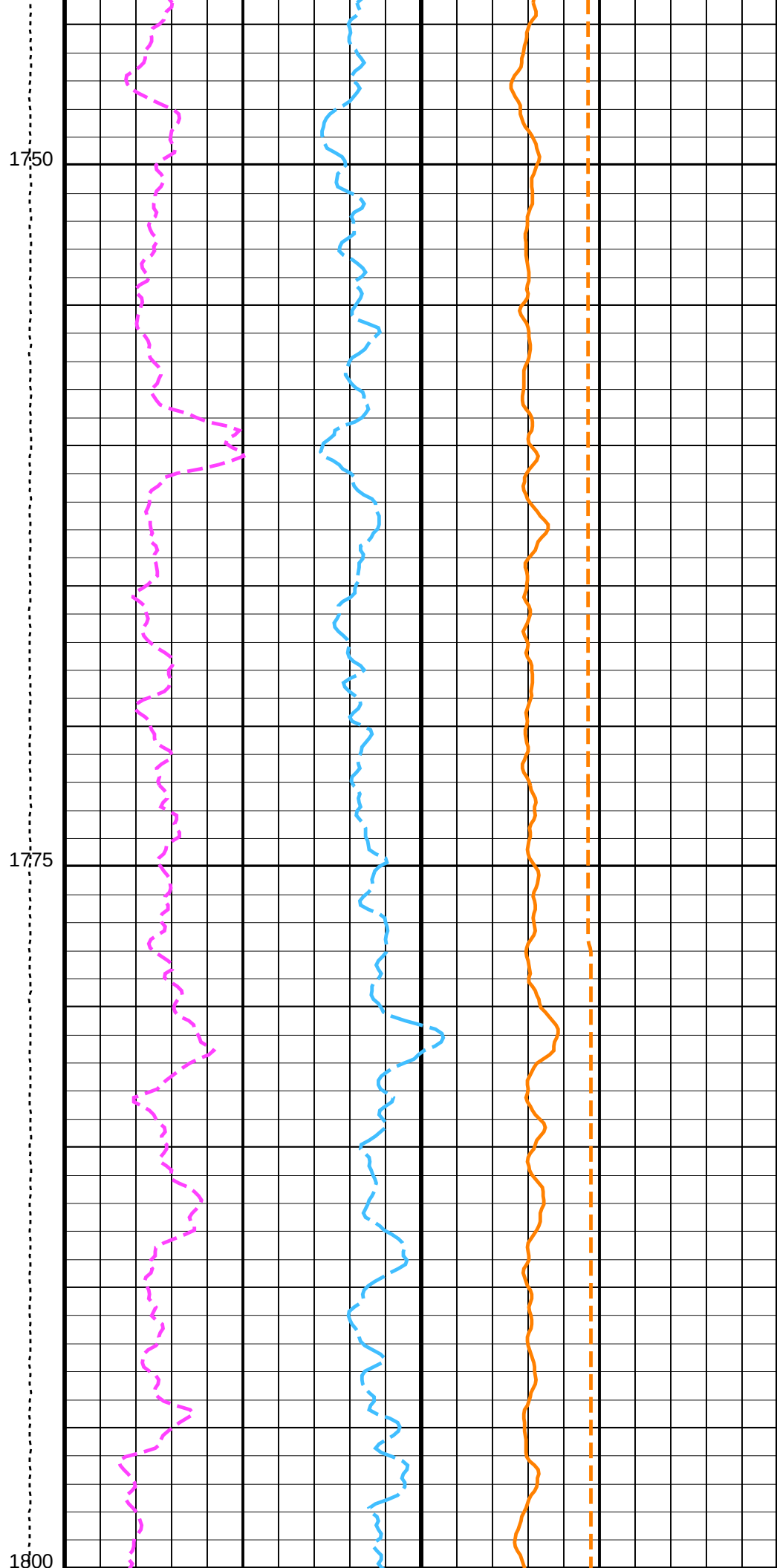
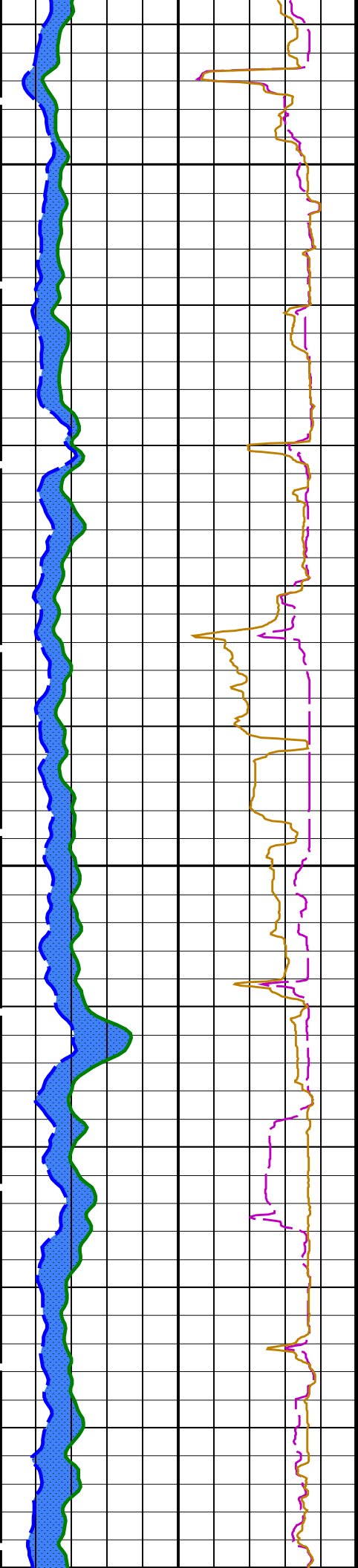
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DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

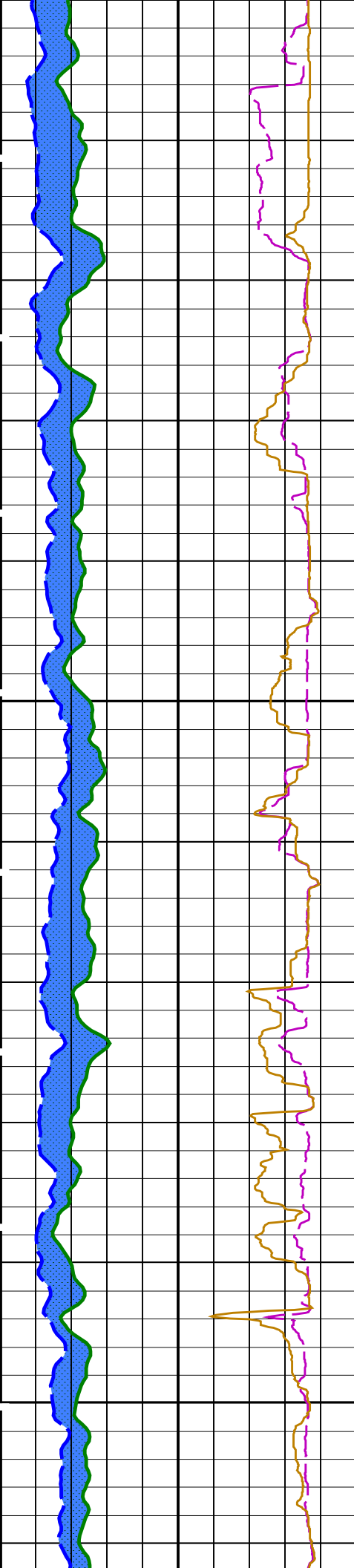
PIP SUMMARY





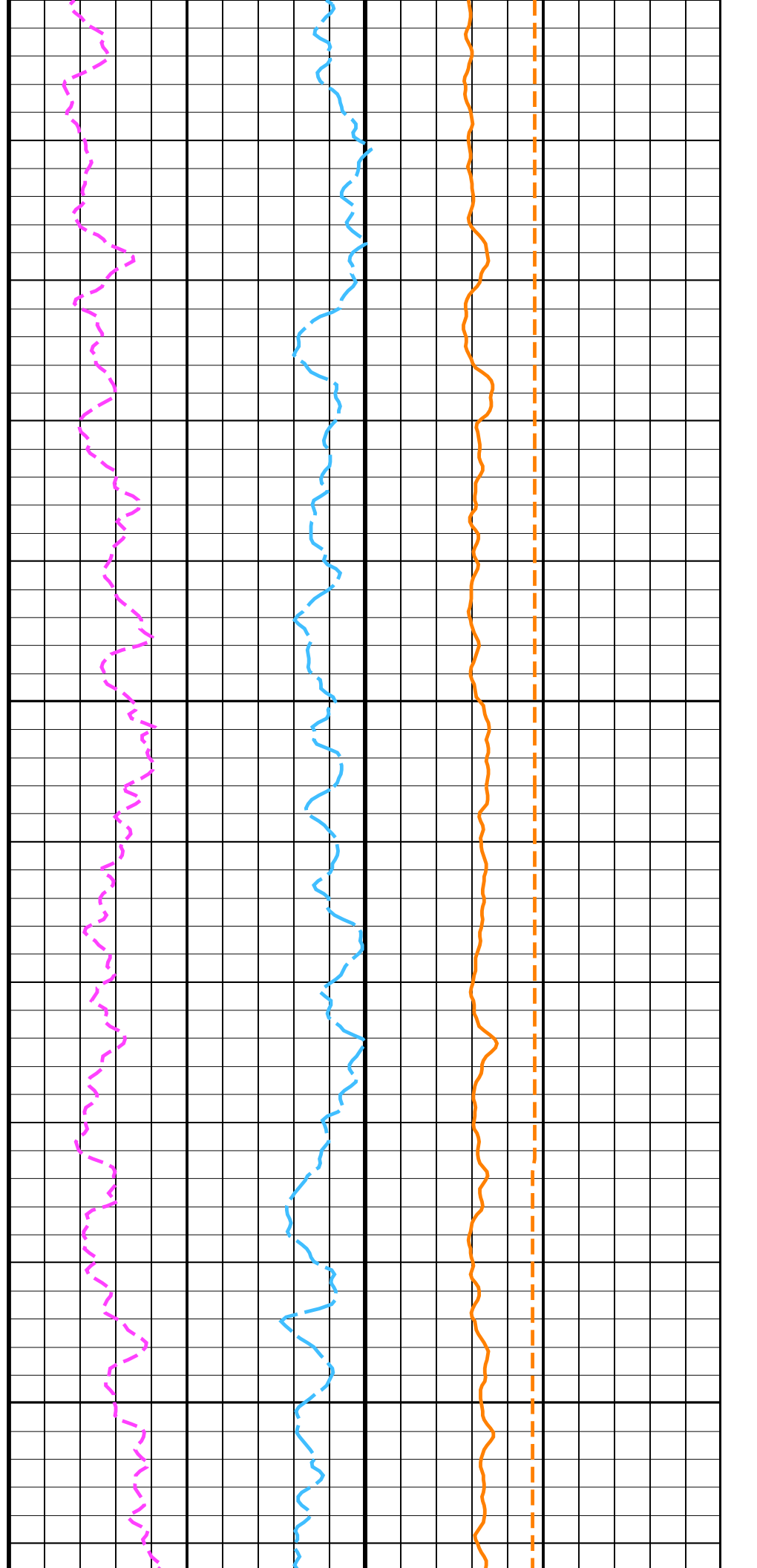


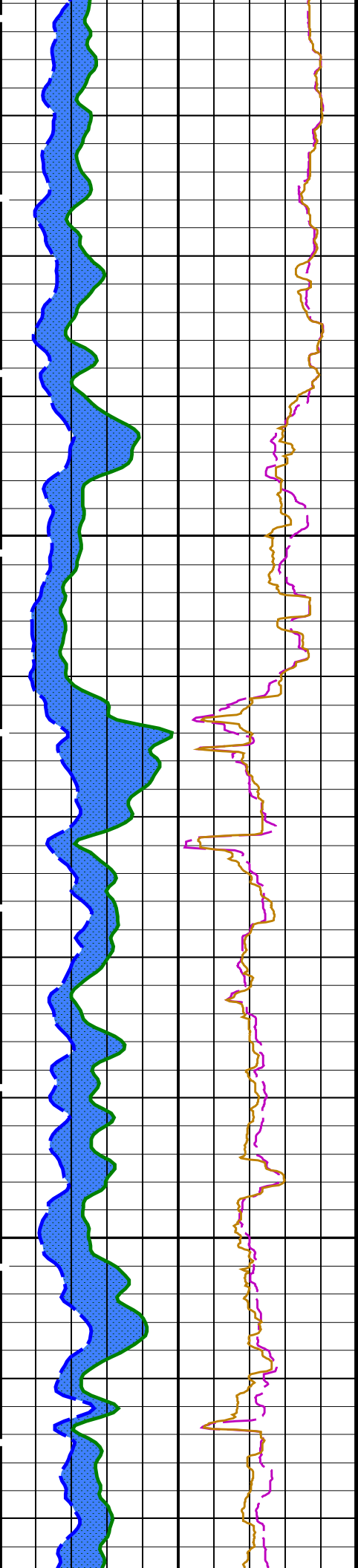




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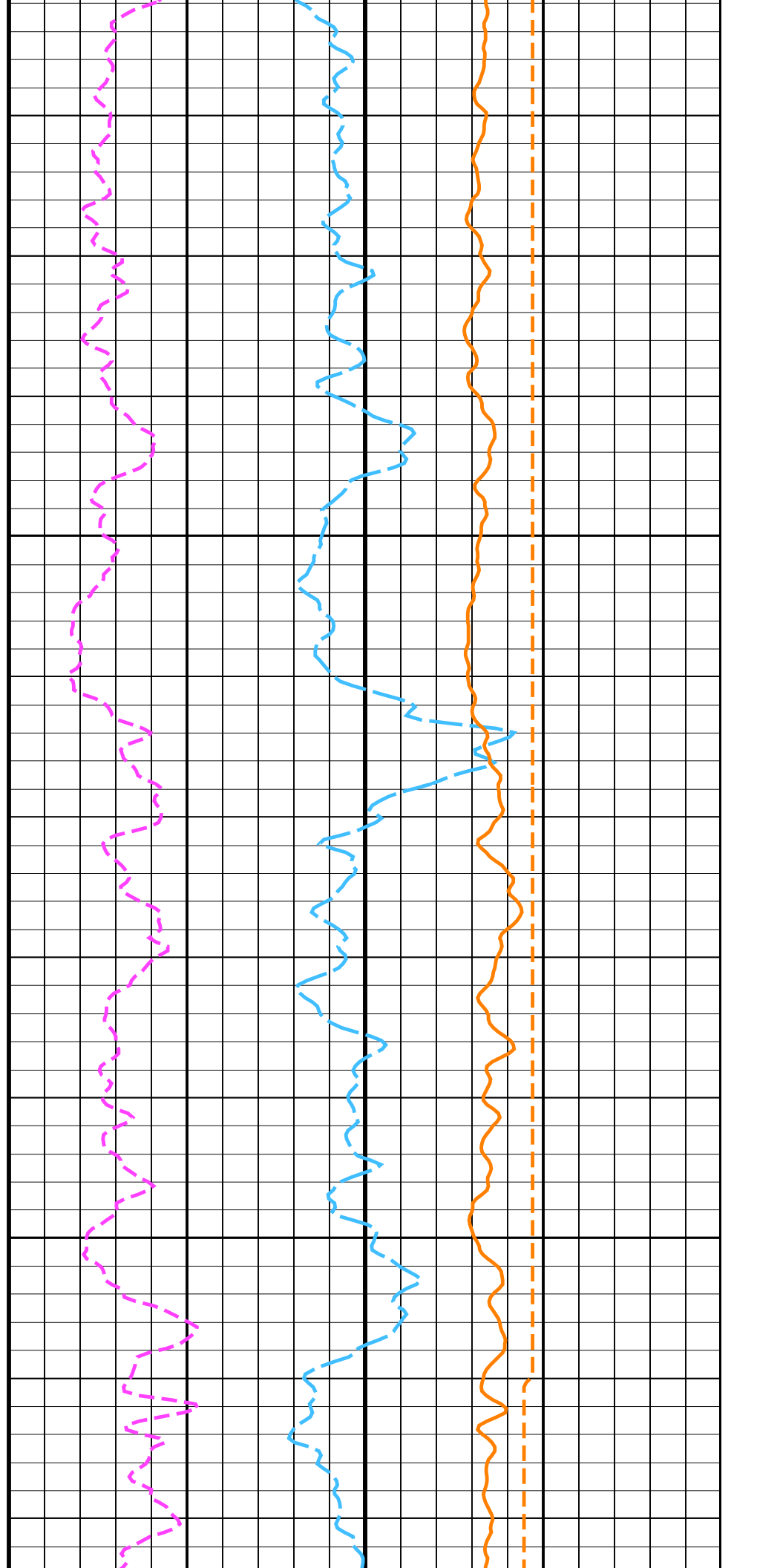
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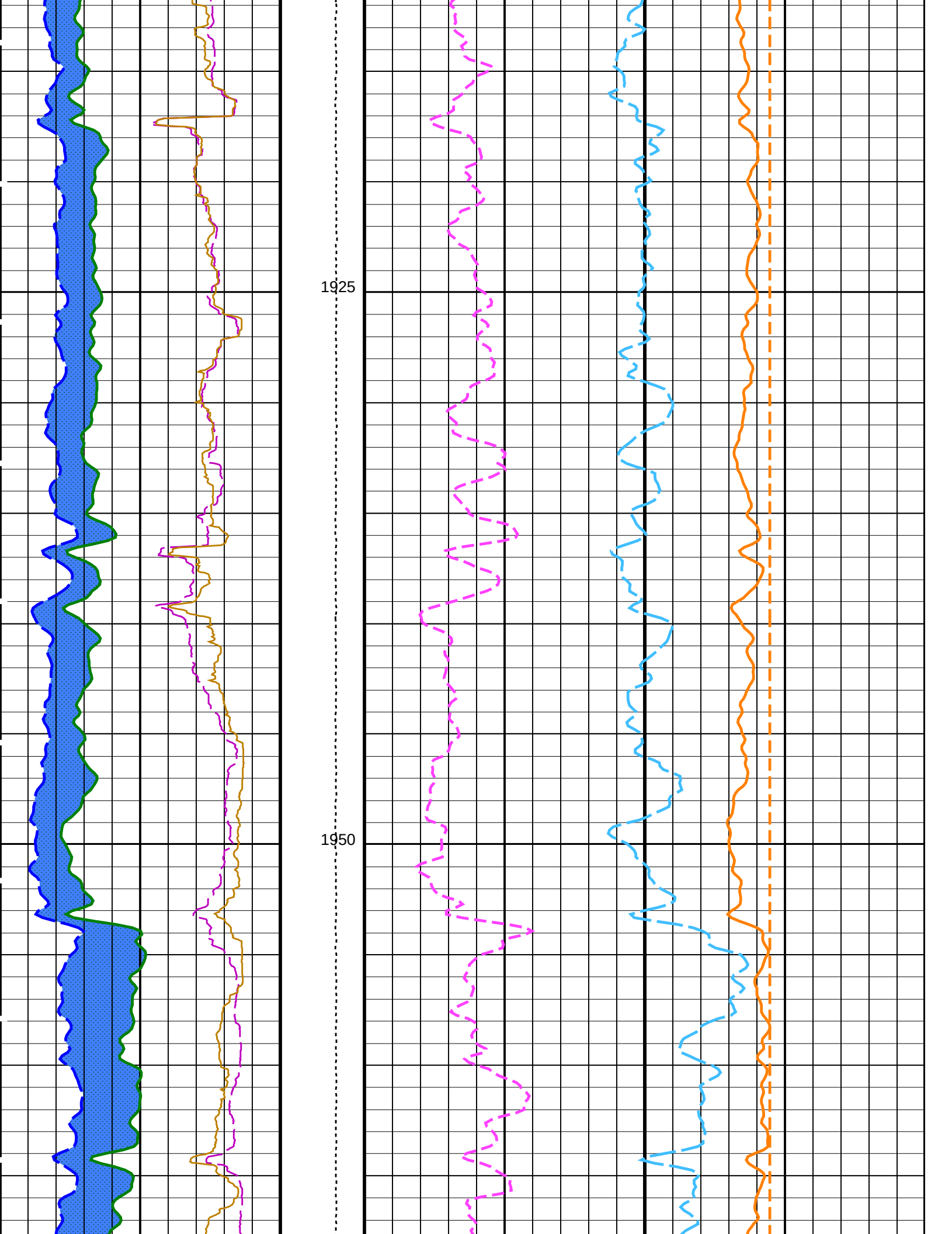


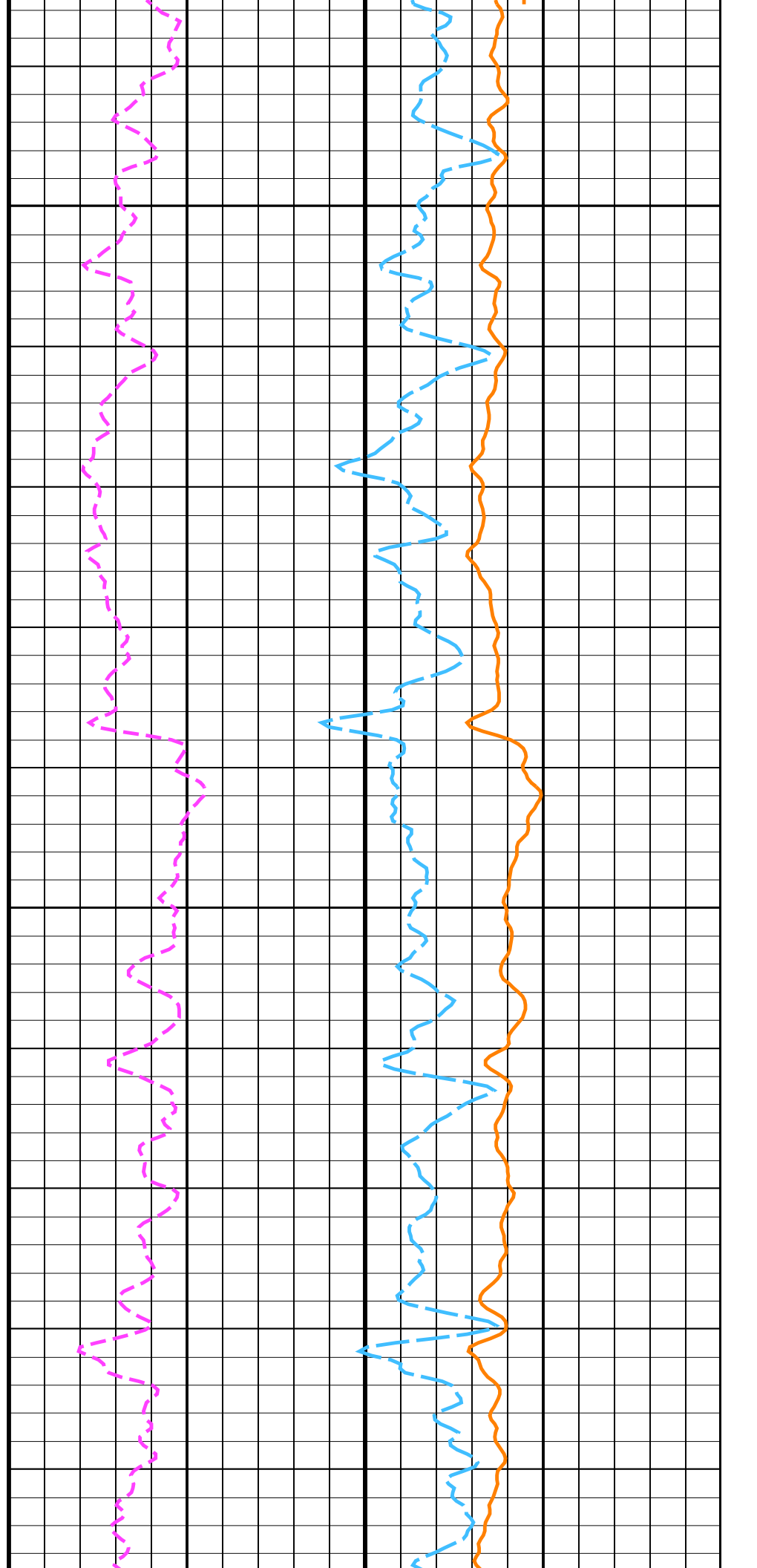
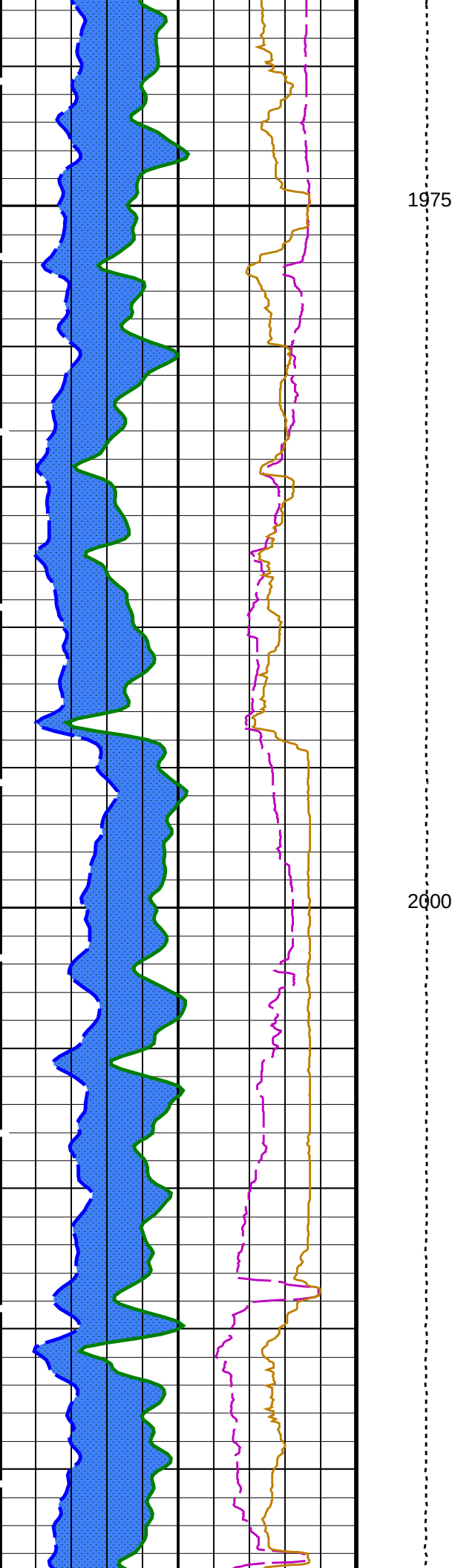


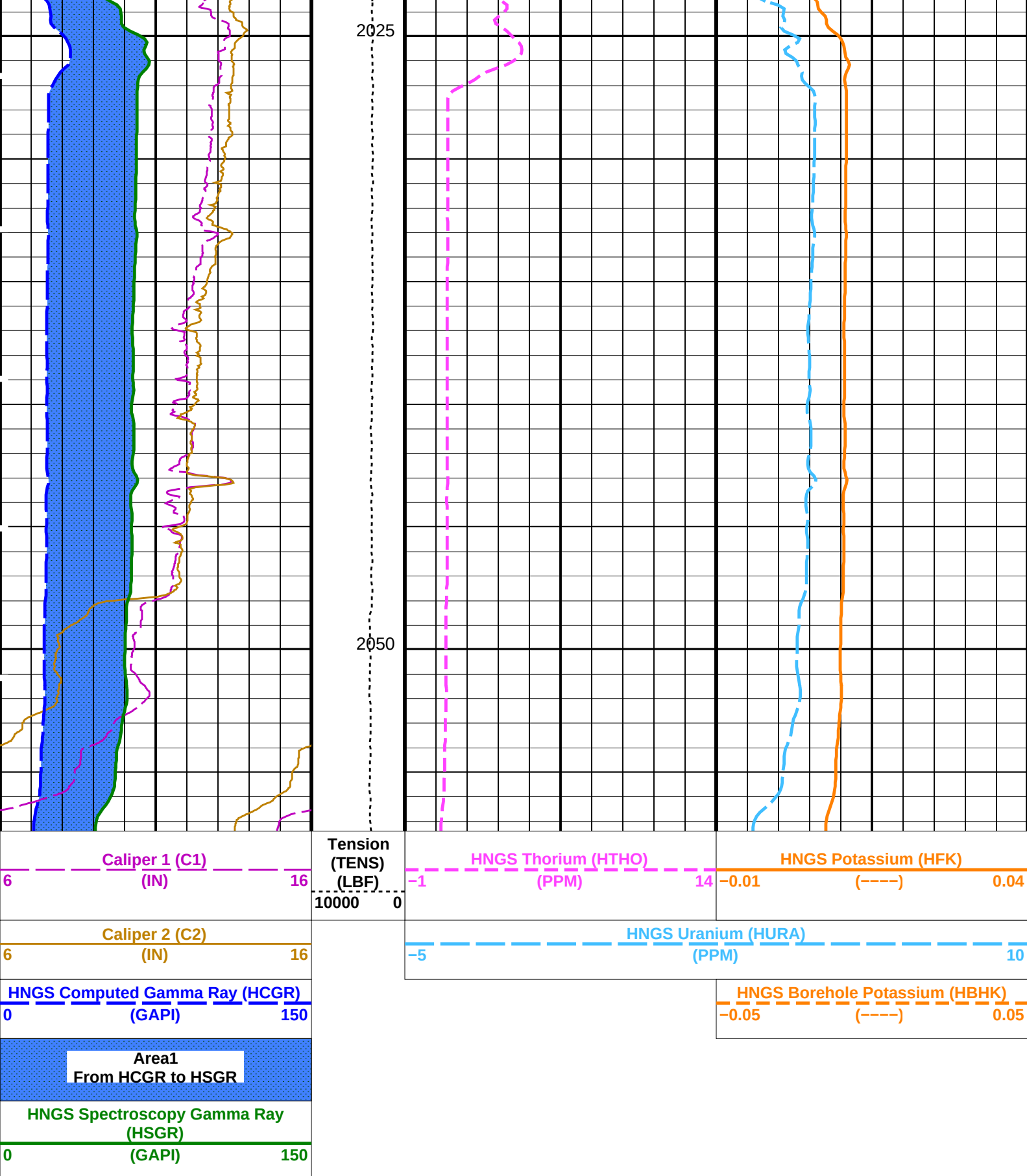
1875

1900









Time Mark Every 60 S

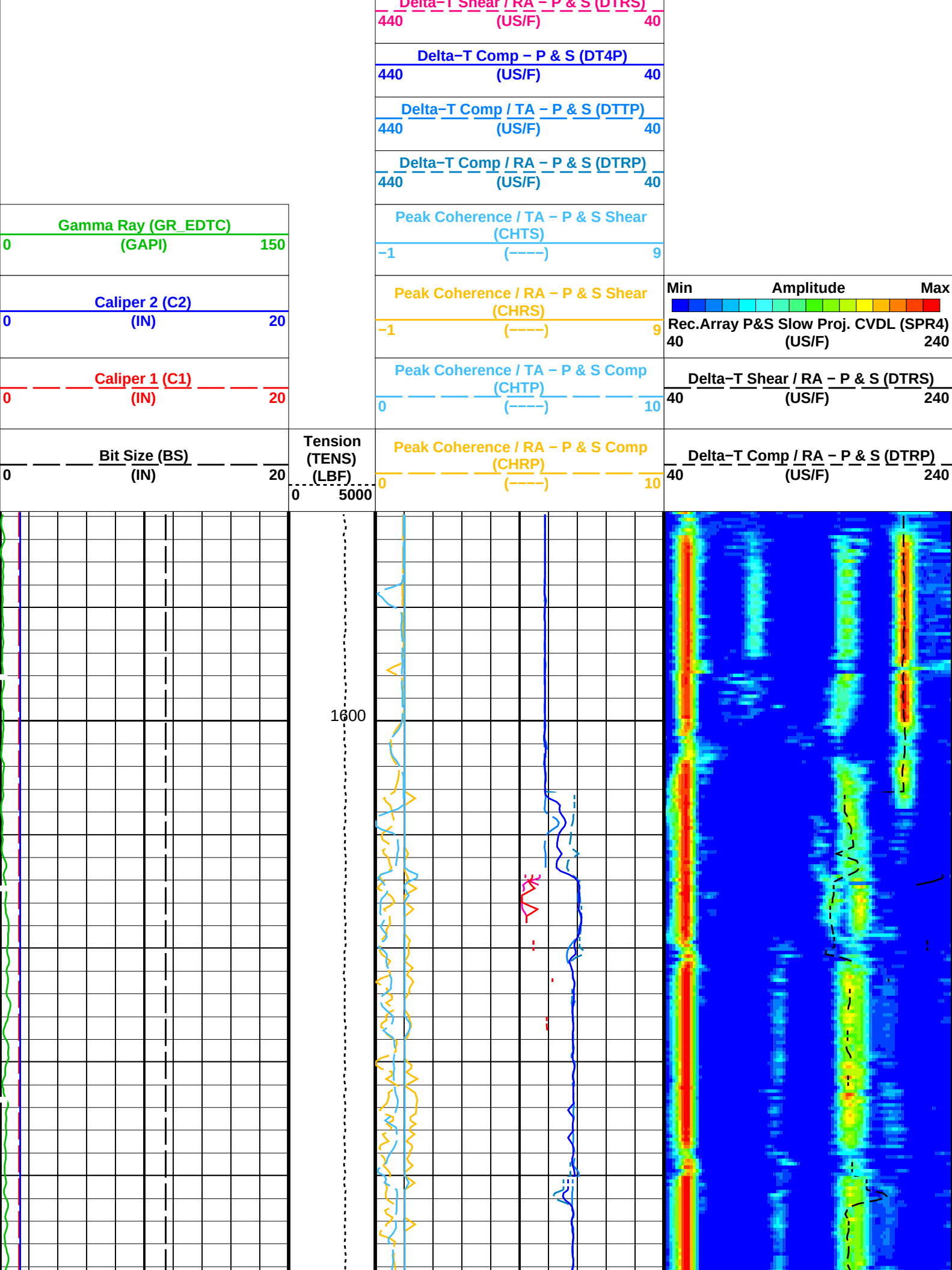
Parameters		
DLIS Name	Description	Value
DSST-B: Dipole Shear Imager – B		
BHS	Borehole Status	OPEN
GCSE	Generalized Caliper Selection	C1

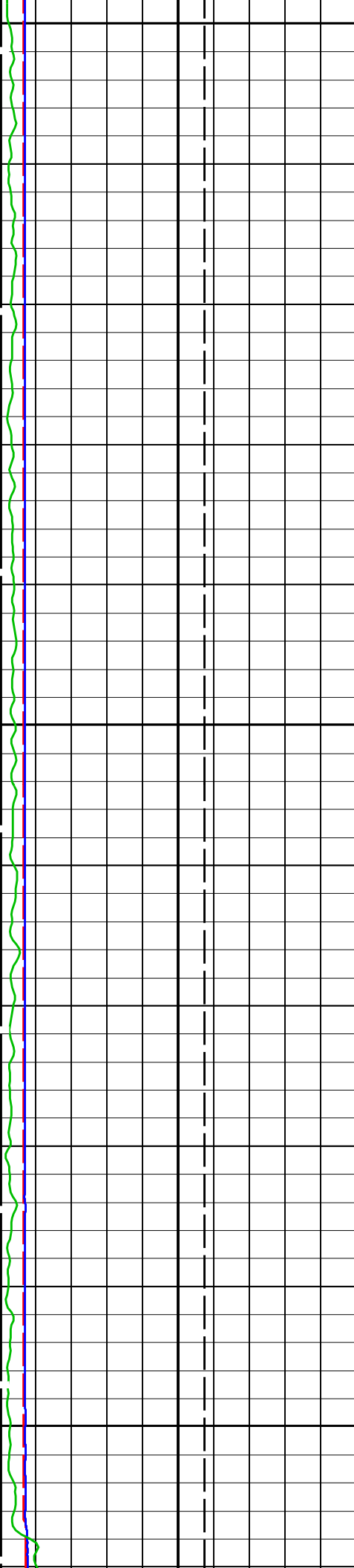
HNGS-BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNGS Detector 1 Barite Constant	1	
BAR2	HNGS Detector 2 Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	C1	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.00358669	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	BARI	
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	1.01479	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.02584	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	C1	
System and Miscellaneous			
BS	Bit Size	11.438	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

Format: HNGSYields		Vertical Scale: 1:200		Graphics File Created: 04-Oct-2019 06:28		
OP System Version: 19C0-187						
MEST-B	19C0-187	DTA-A	19C0-187			
DSST-B	19C0-187	HNGC-B	19C0-187			
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB			
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_038PUP	FN:43	PRODUCER	03-Oct-2019 20:51	2057.4 M	1590.8 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_044PUP	FN:49	PRODUCER	04-Oct-2019 06:28		

Company: International Ocean Discovery Program				Well: Expedition 385, Site U1545A		
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_038PUP	FN:43	PRODUCER	03-Oct-2019 20:51	2057.4 M	1590.8 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_044PUP	FN:49	PRODUCER	04-Oct-2019 06:28	2057.4 M	1590.8 M
OP System Version: 19C0-187						
MEST-B	19C0-187	DTA-A	19C0-187			
DSST-B	19C0-187	HNGC-B	19C0-187			
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB			

PIP SUMMARY		
Time Mark Every 60 S		
	Delta-T Shear - P & S (DT4S)	
440	(US/F)	40
	Delta-T Shear / TA - P & S (DTTS)	
440	(US/F)	40
	Delta-T Shear / BA - P & S (DTBS)	

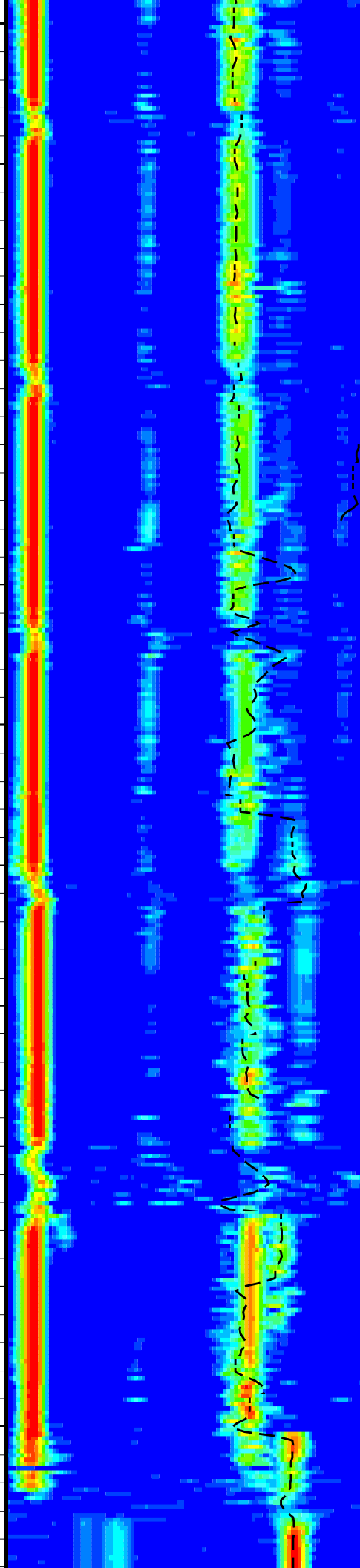
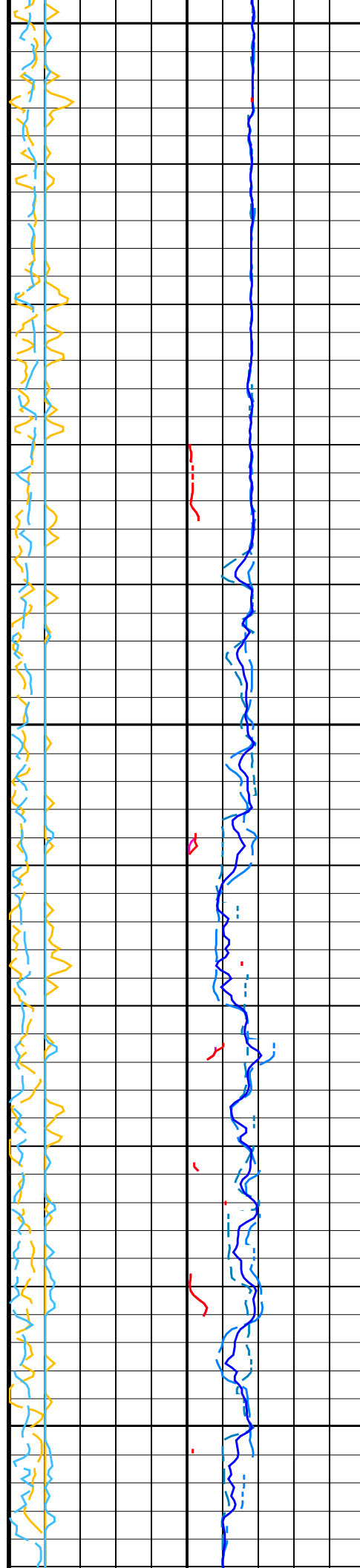


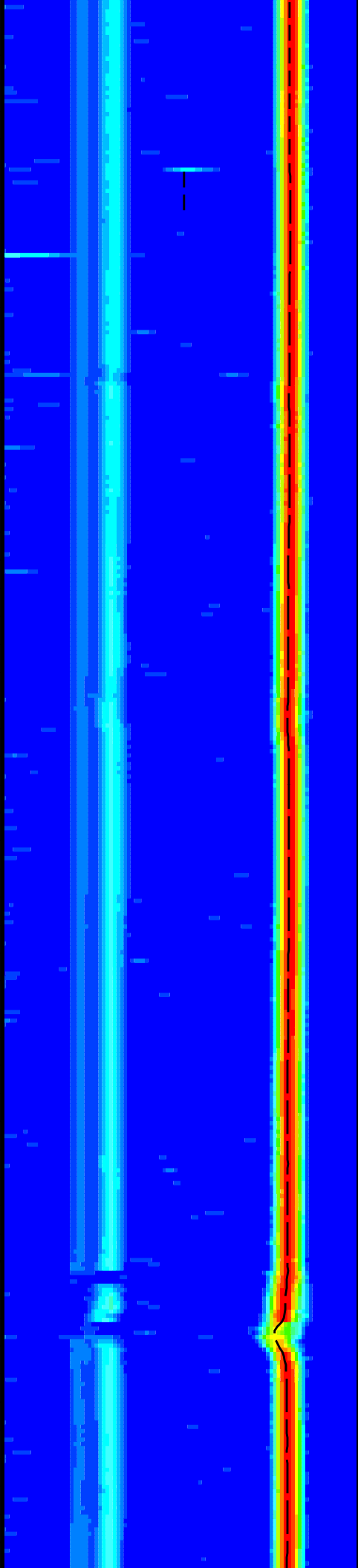
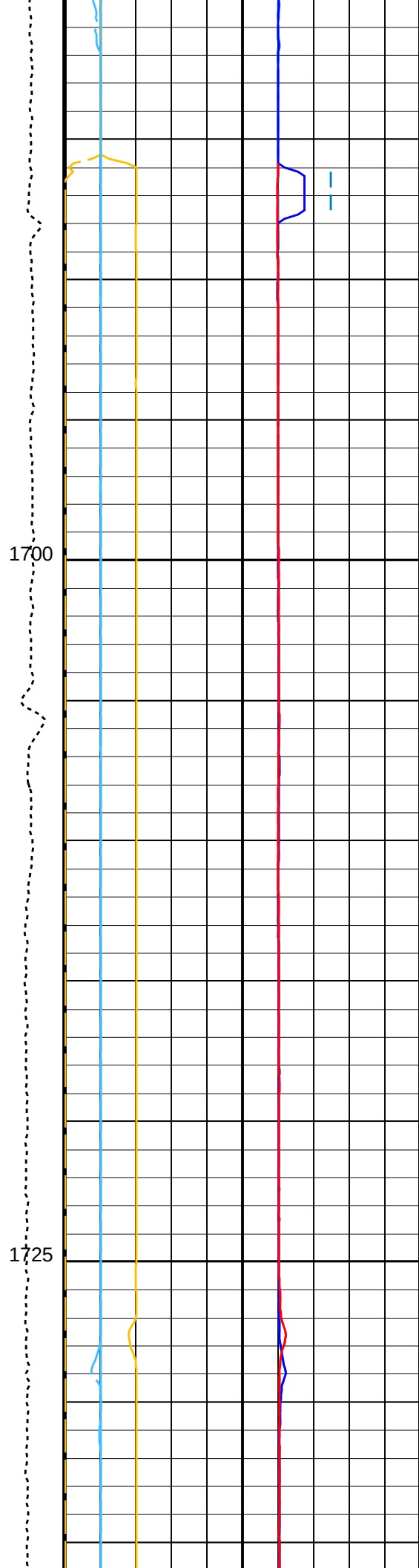
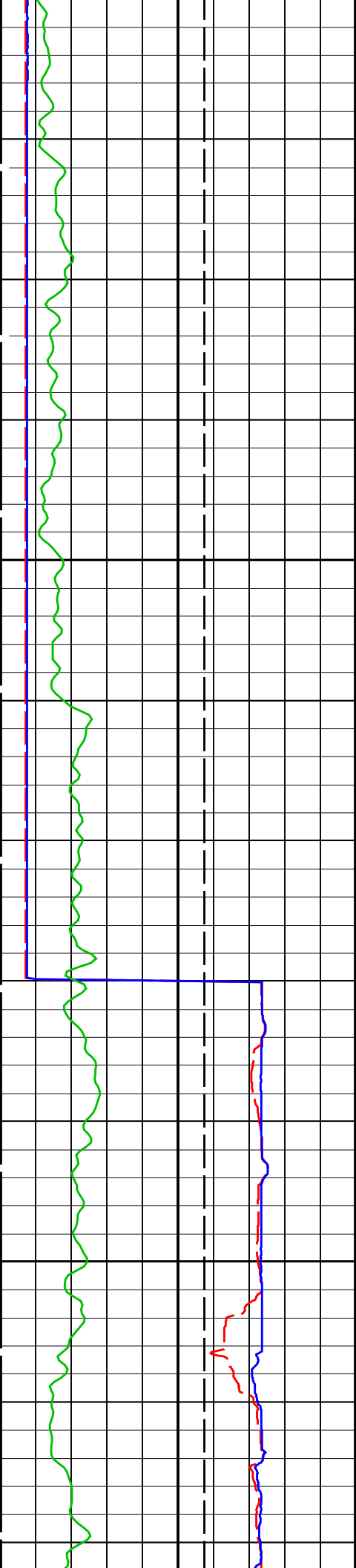


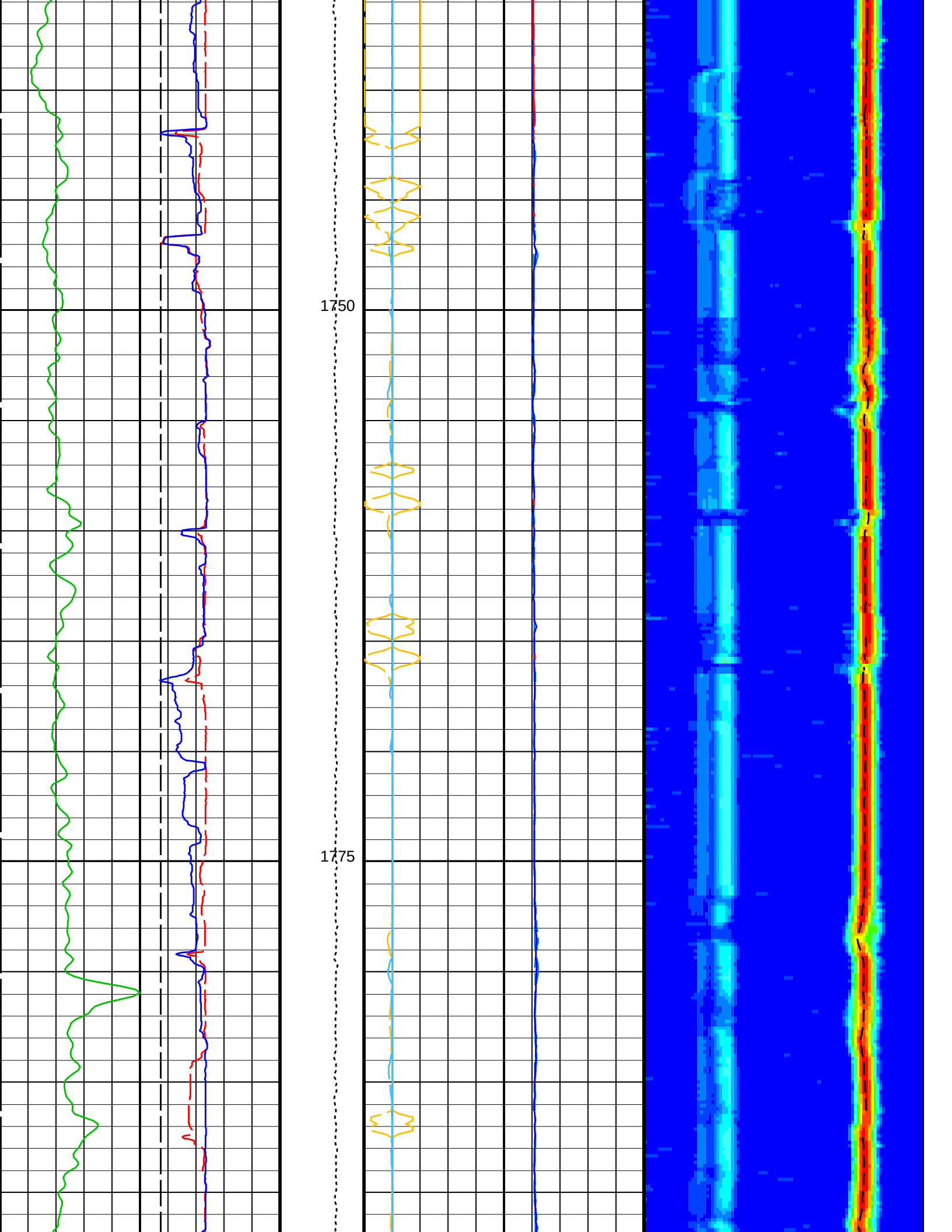
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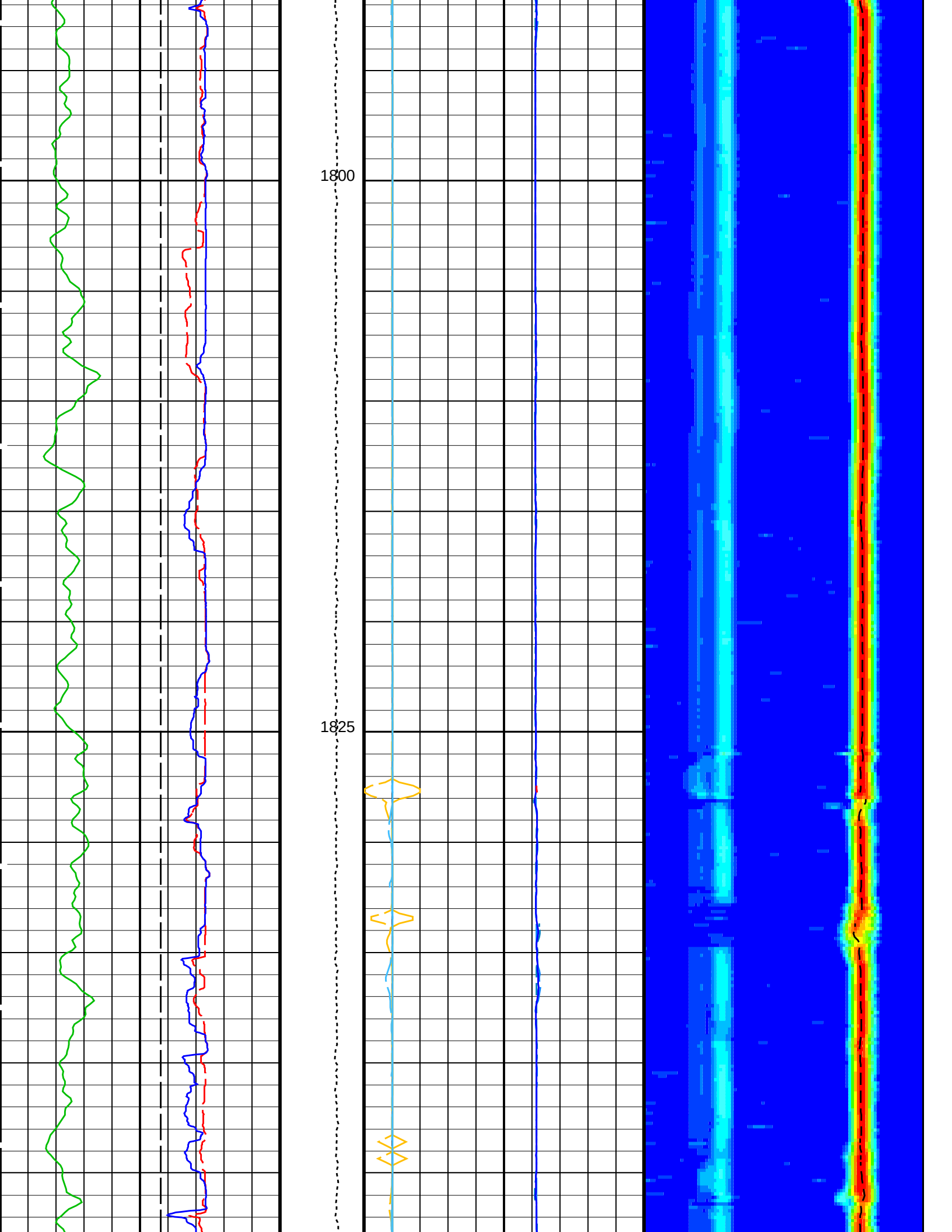
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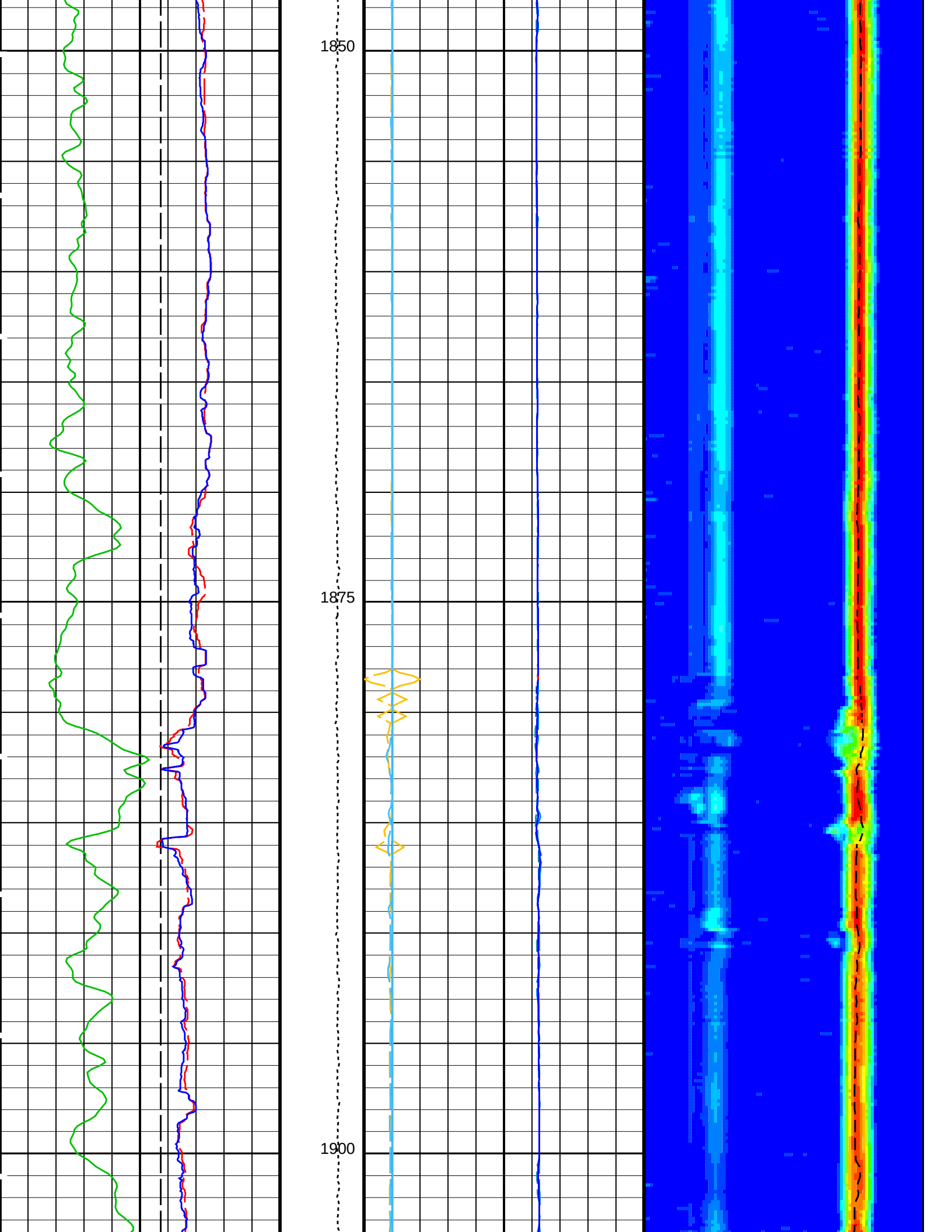
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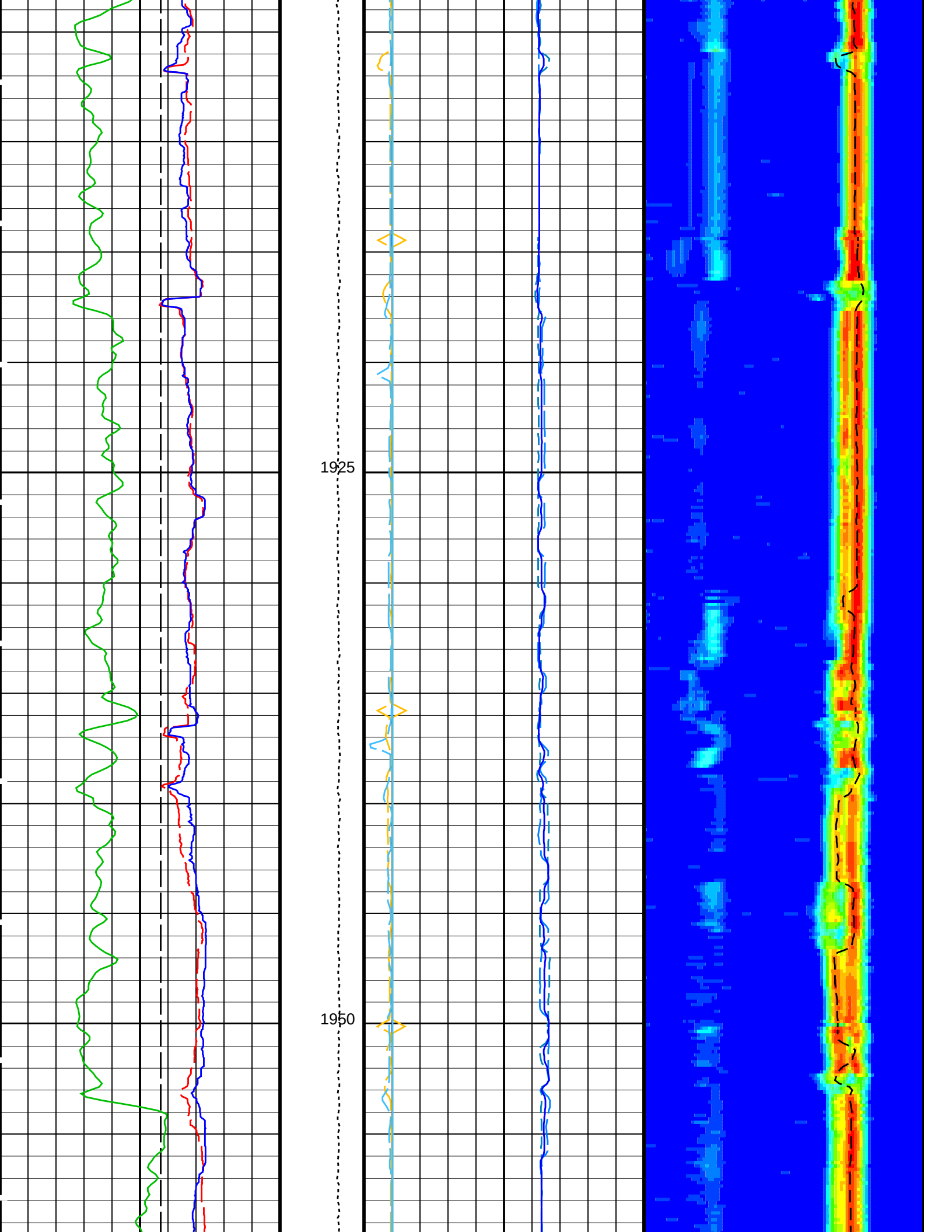


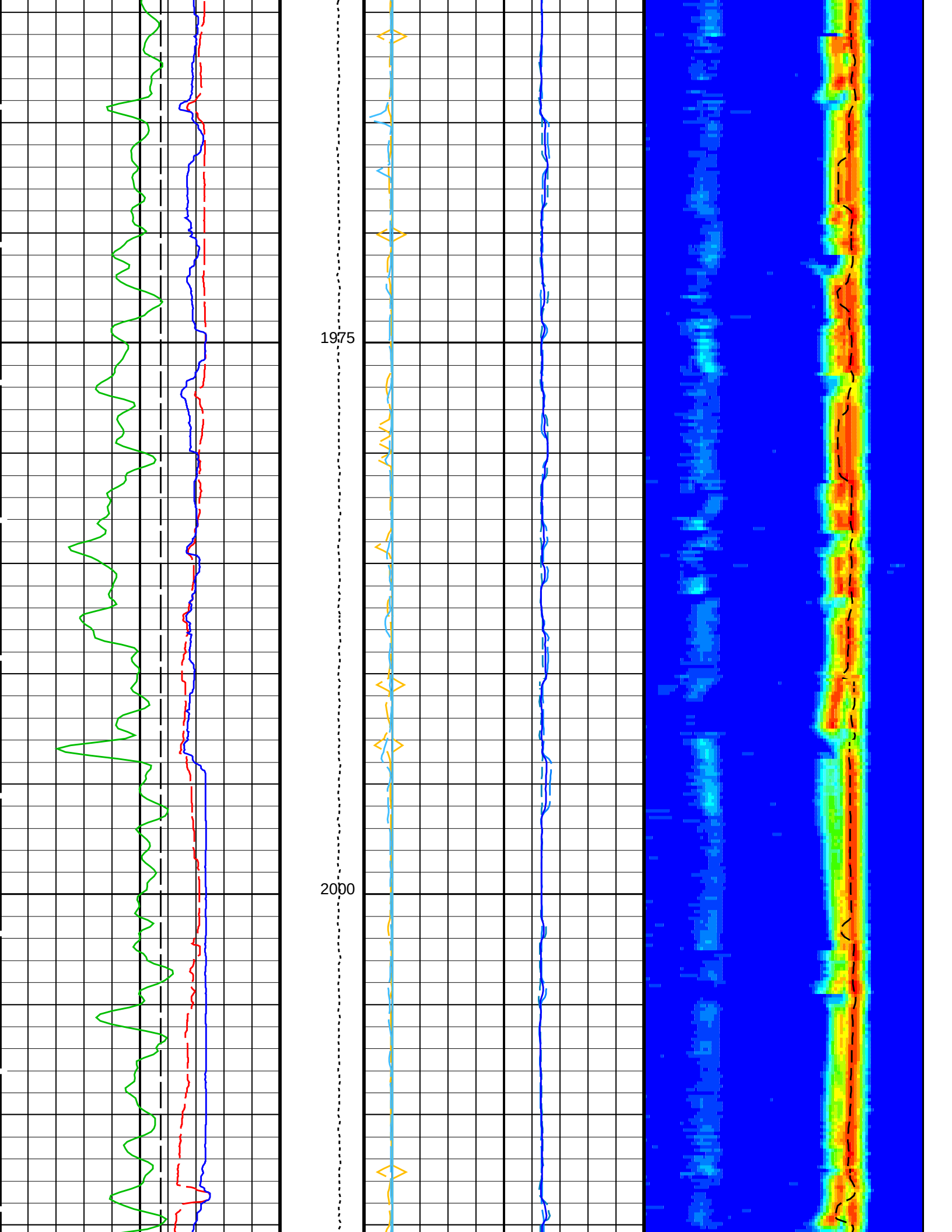


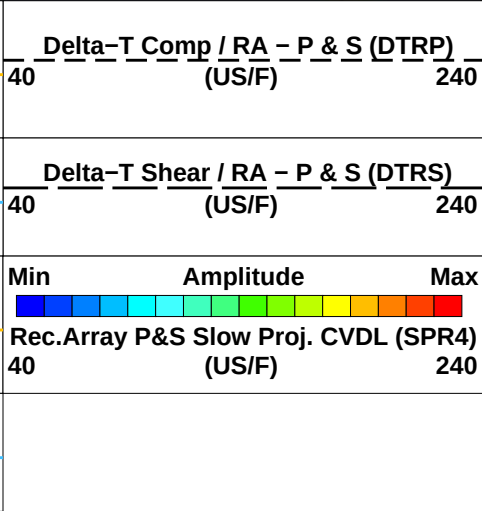
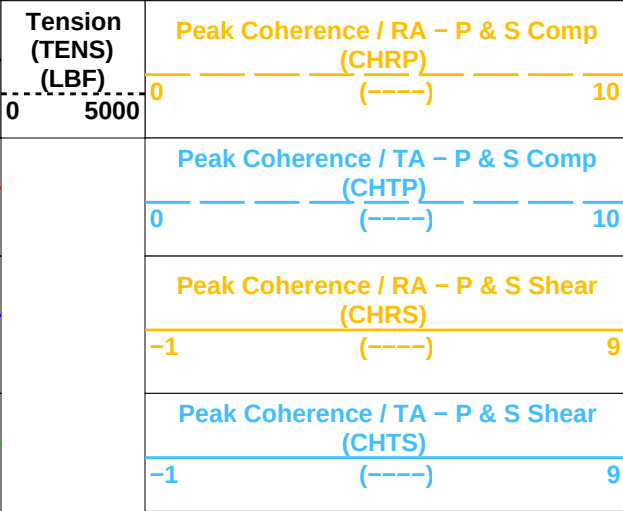
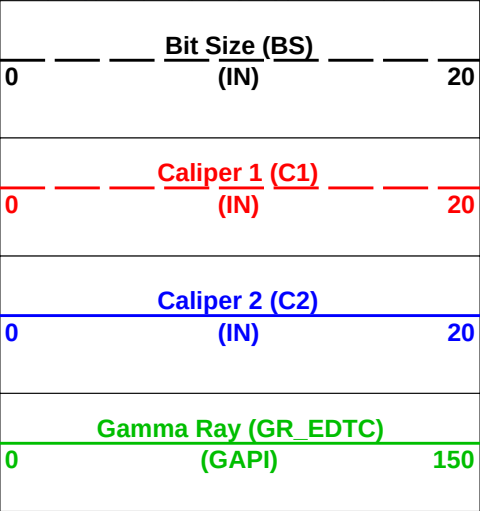
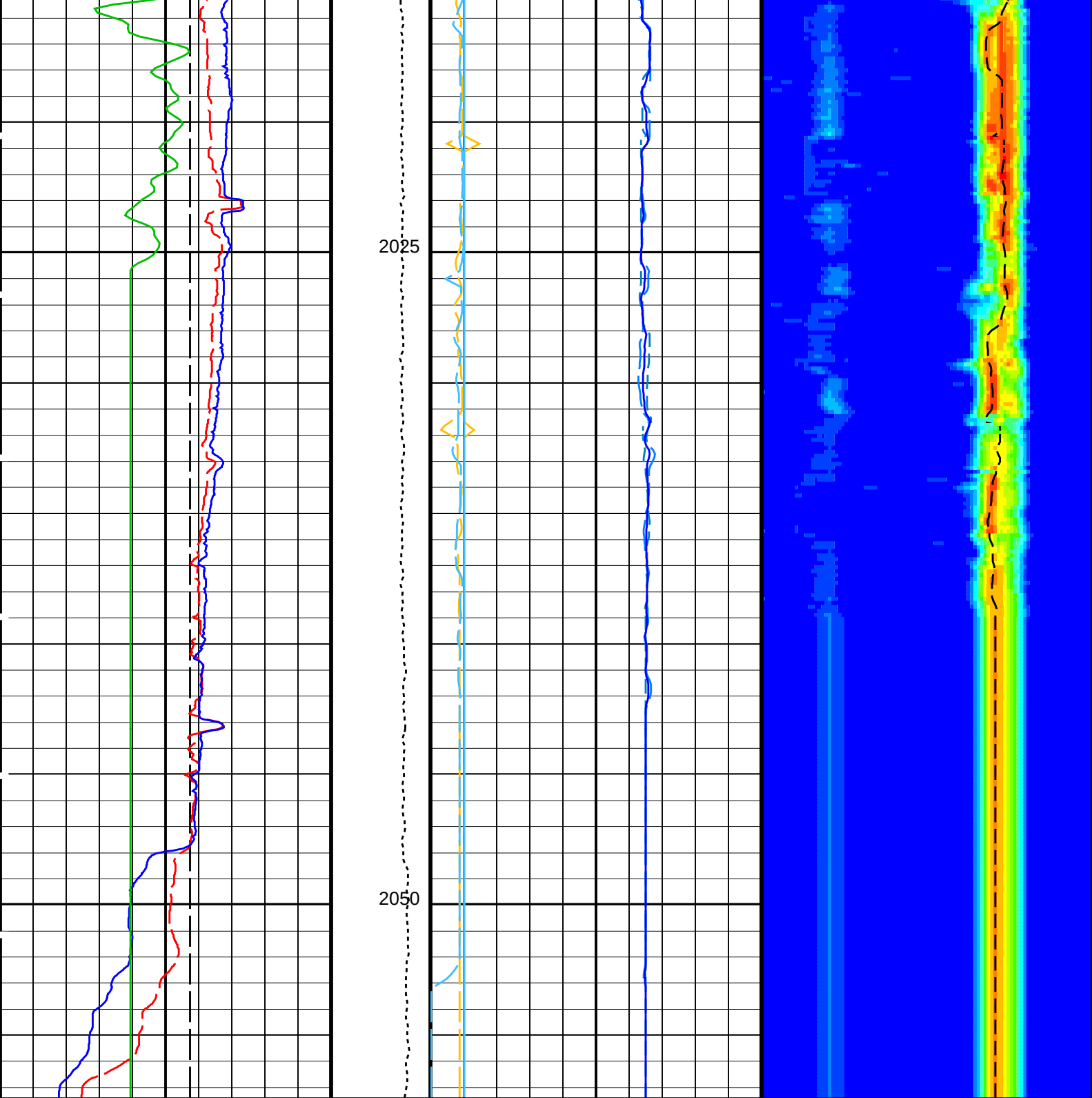












<u>Delta-T Comp / RA - P & S (DTRP)</u>		
440	(US/F)	40
<u>Delta-T Comp / TA - P & S (DTTP)</u>		
440	(US/F)	40
<u>Delta-T Comp - P & S (DT4P)</u>		
440	(US/F)	40
<u>Delta-T Shear / RA - P & S (DTRS)</u>		
440	(US/F)	40
<u>Delta-T Shear / TA - P & S (DTTS)</u>		
440	(US/F)	40
<u>Delta-T Shear - P & S (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	140	US/F
COUL	Label Slowness Upper Limit - Monopole P&S Compressional	240	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	195	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	140	US/F
SHUL	Label Slowness Upper Limit - Monopole P&S Shear	240	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	225	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	
HNCS-BA: Hostile Natural Gamma Ray Sonde			
BHS	Borehole Status	OPEN	

EDTC-B: Enhanced DTS Cartridge	Borehole Status	OPEN
BHS	System and Miscellaneous	
BS	Bit Size	11.438 IN
DO	Depth Offset for Playback	0.0 M
PP	Playback Processing	RECOMPUTE

Format: DSST_P_S_VDL_COLOR

Vertical Scale: 1:200

Graphics File Created: 04-Oct-2019 06:28

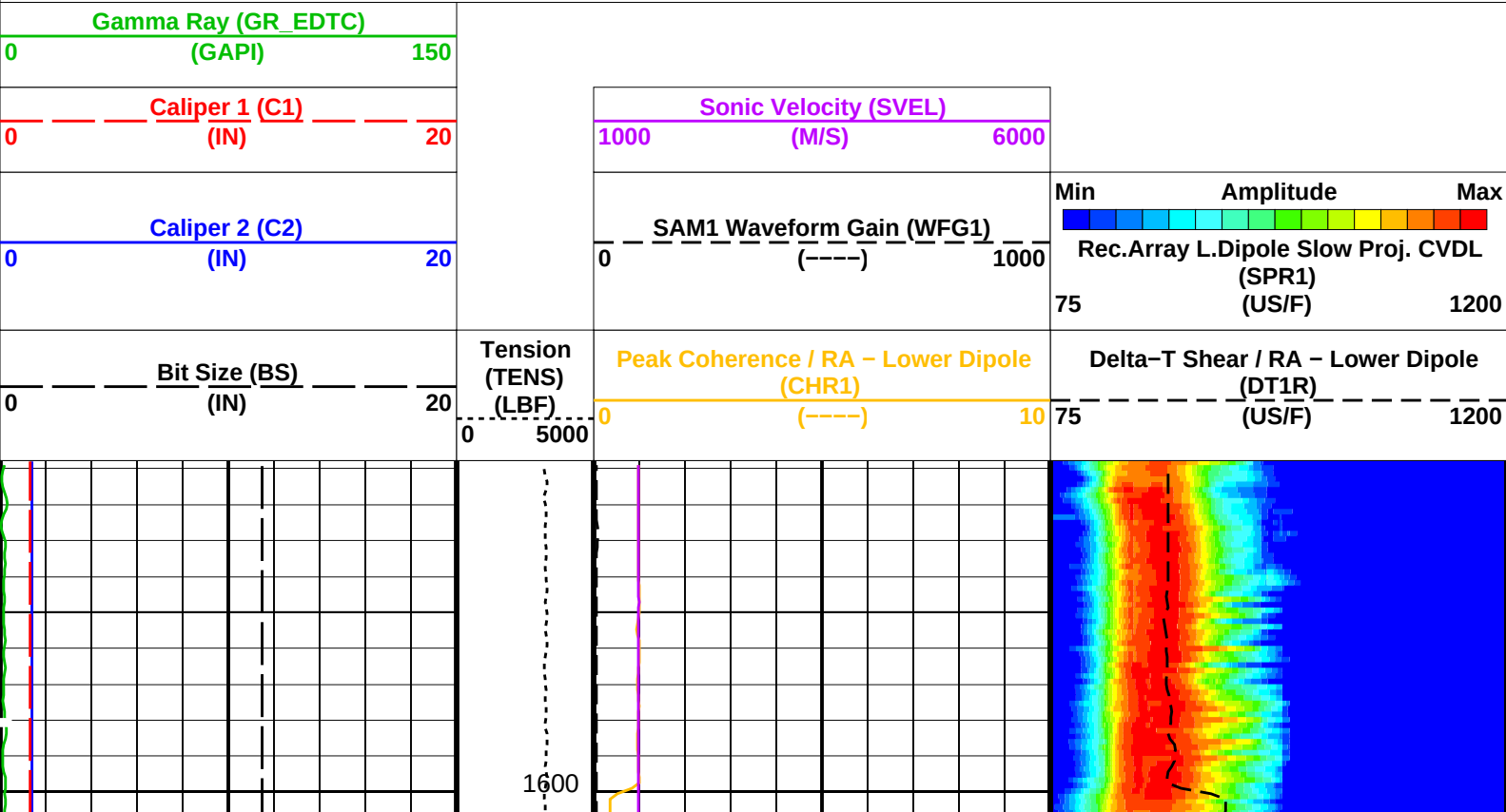
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HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB		

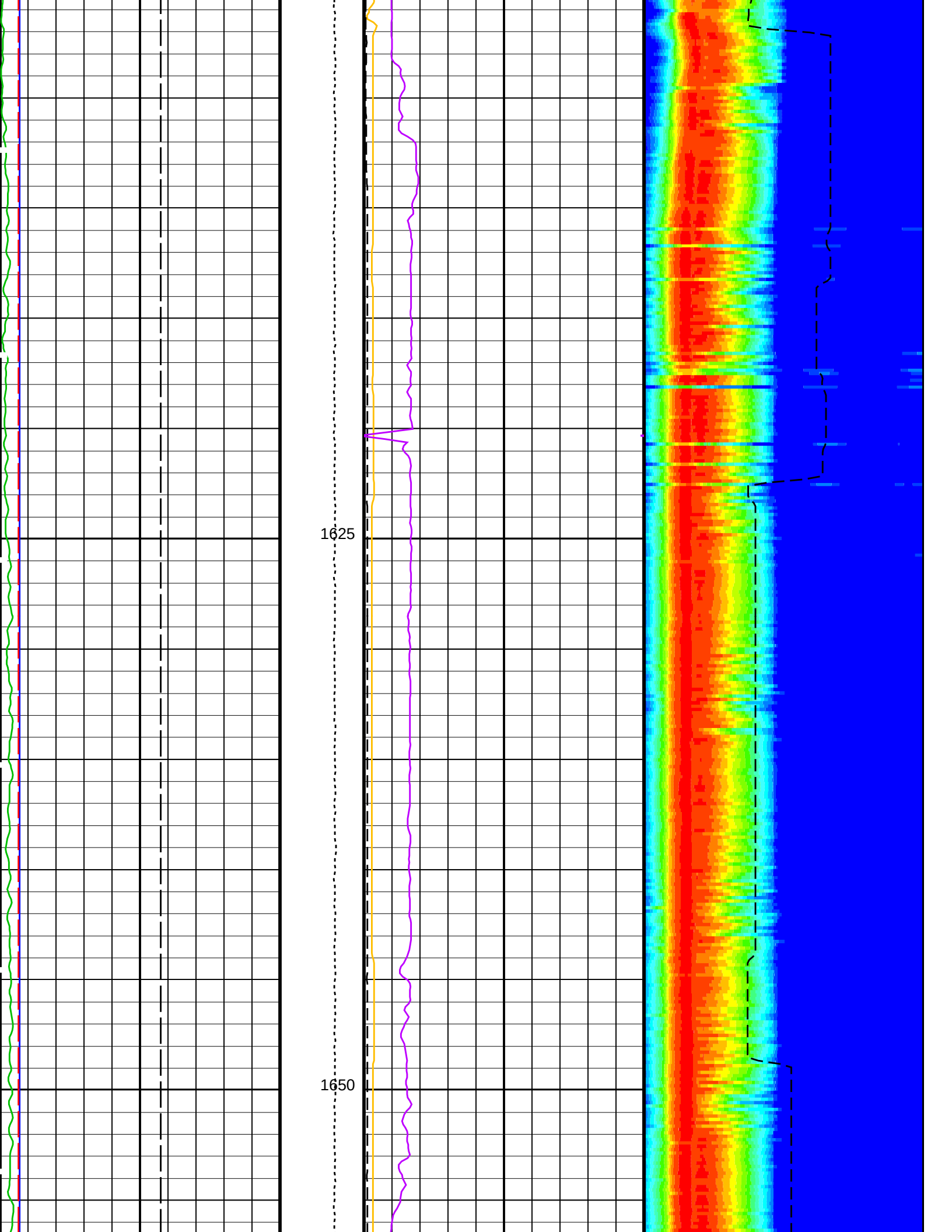
Input DLIS Files					
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Output DLIS Files					
DEFAULT	FMS_DSI_NGS_044PUP	FN:49	PRODUCER	04-Oct-2019 06:28	

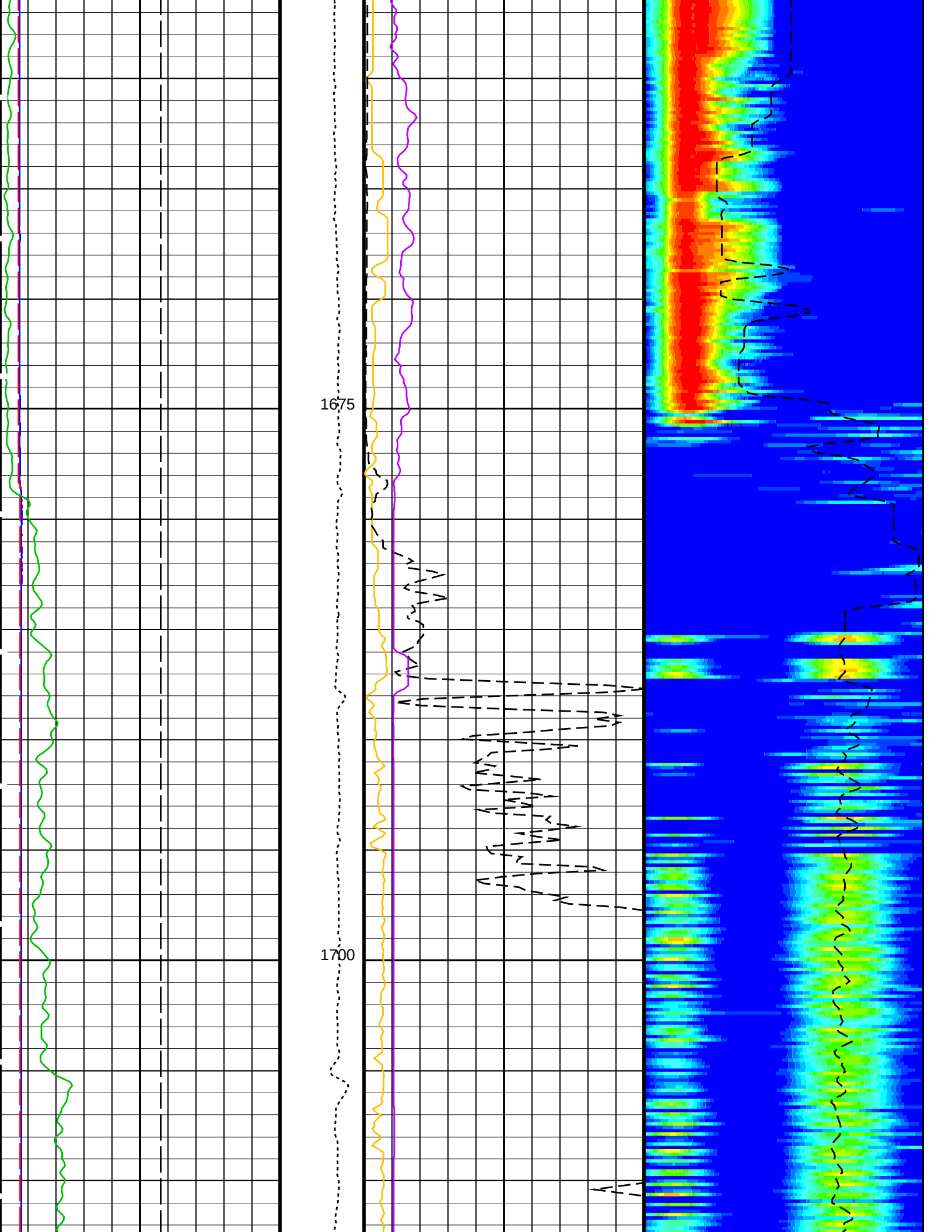
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Output DLIS Files					
DEFAULT	FMS_DSI_NGS_044PUP	FN:49	PRODUCER	04-Oct-2019 06:28	2057.4 M 1590.8 M

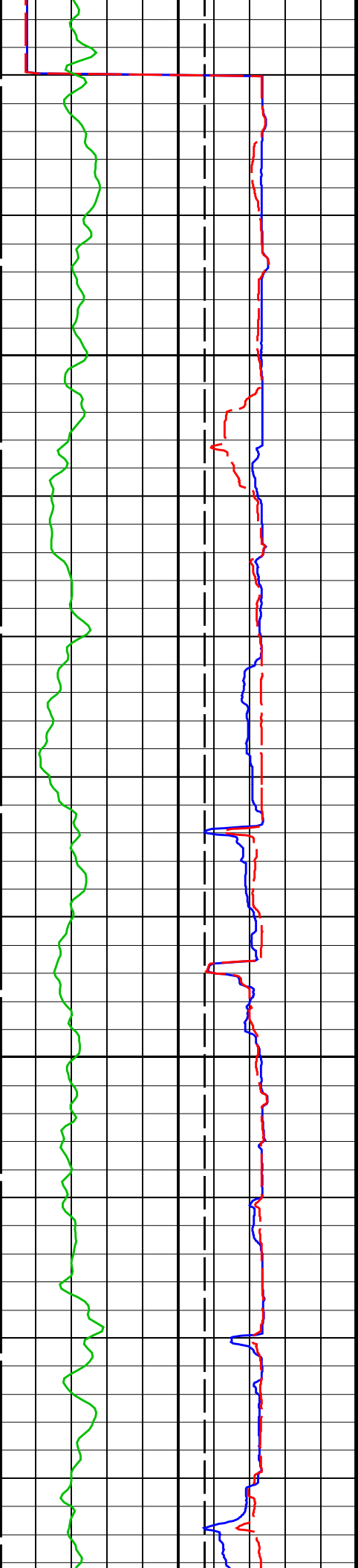
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MEST-B	19C0-187	DTA-A	19C0-187		
DSST-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB		

PIP SUMMARY					
Time Mark Every 60 S					



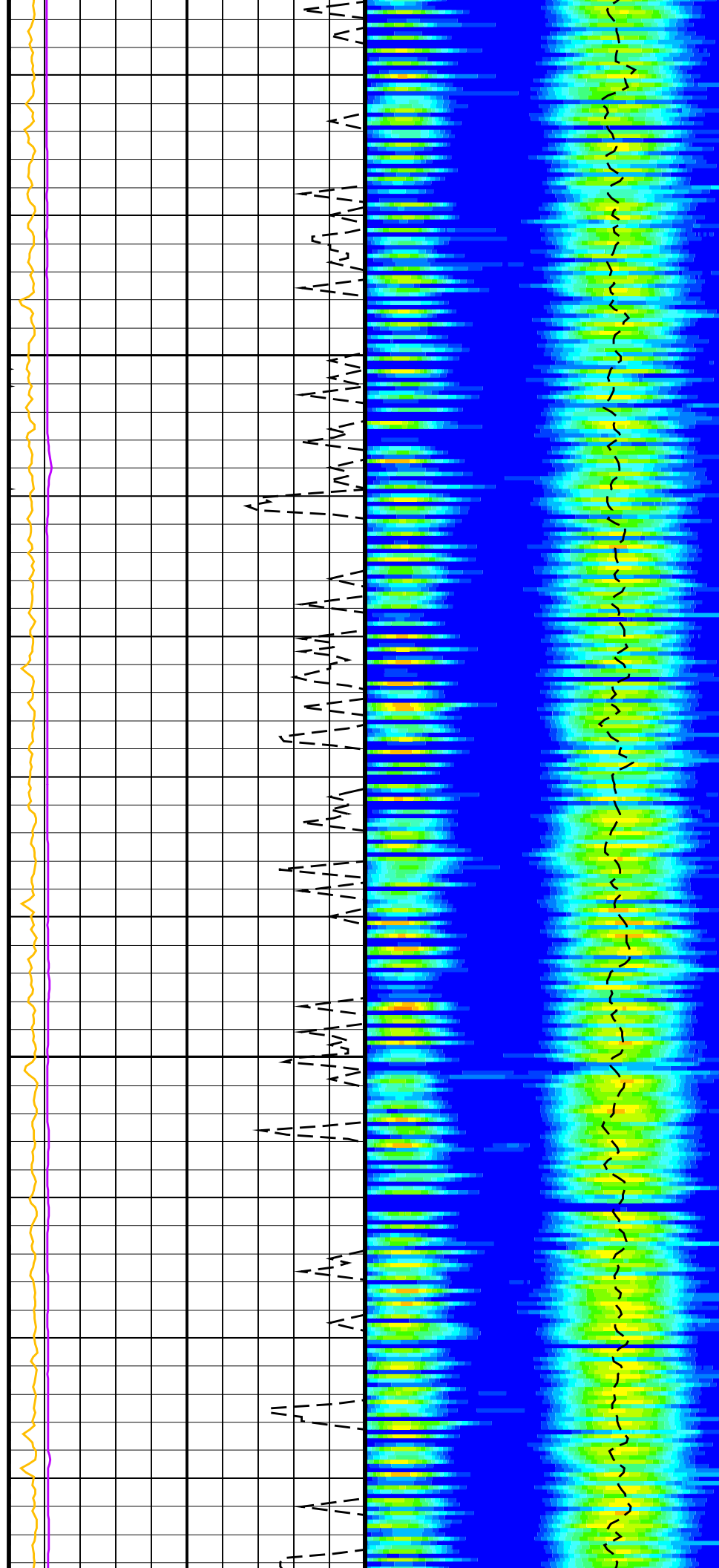


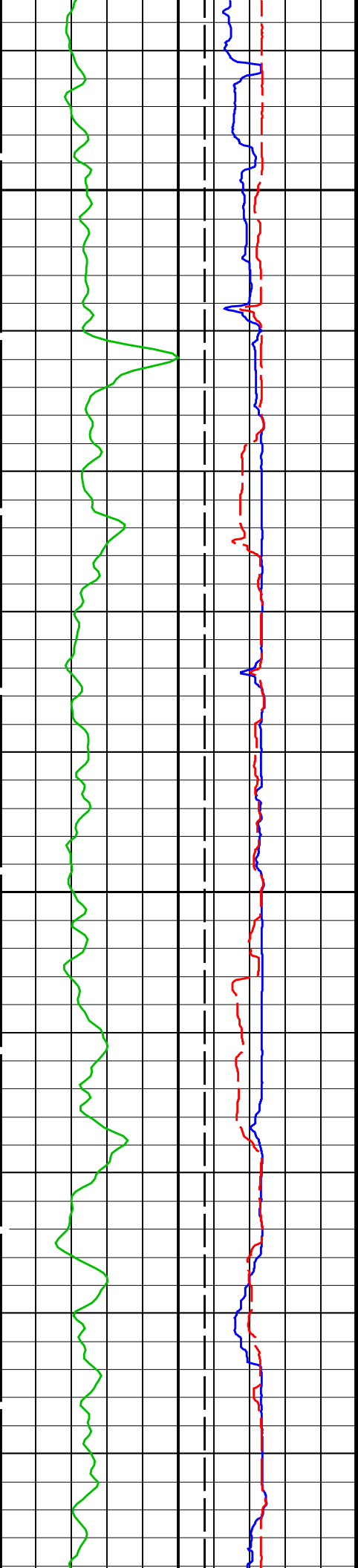




1725

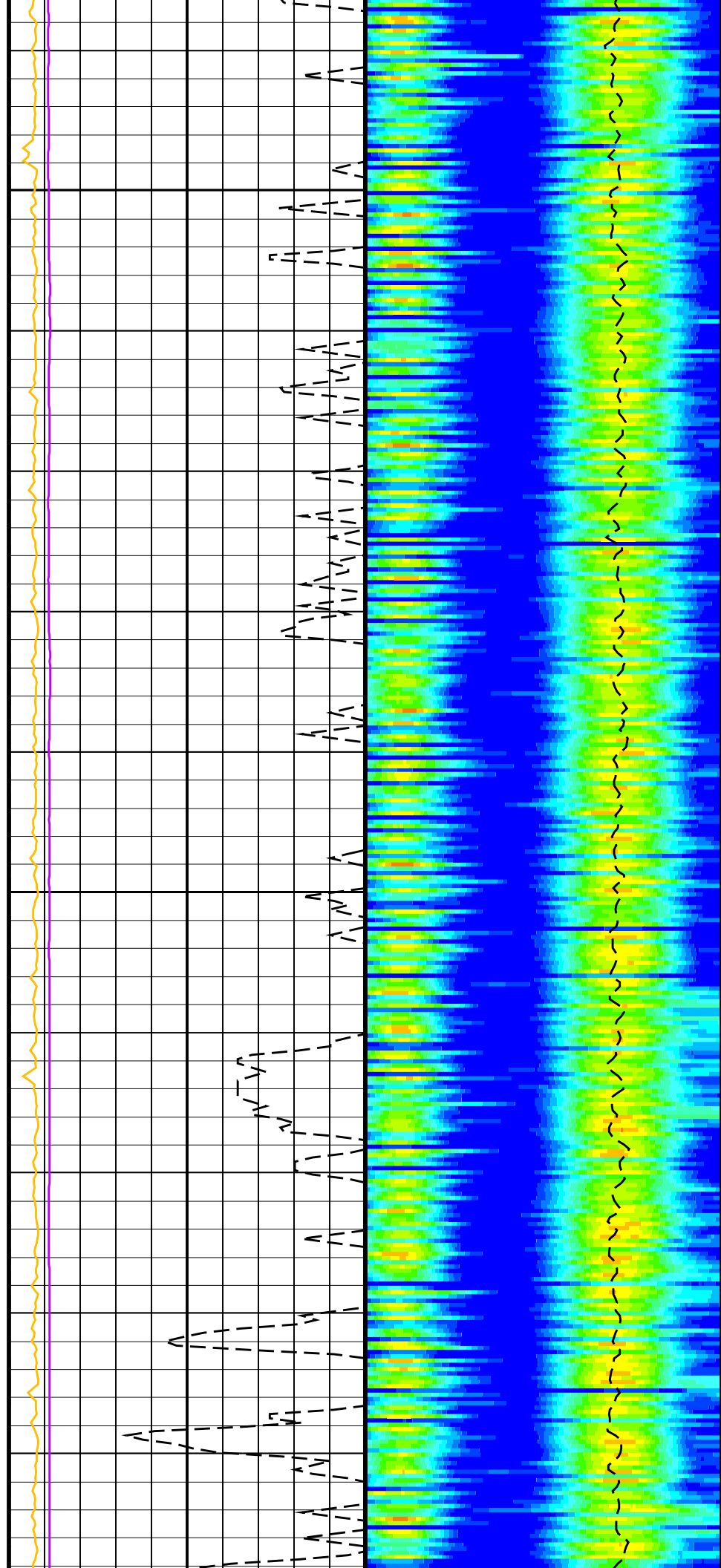
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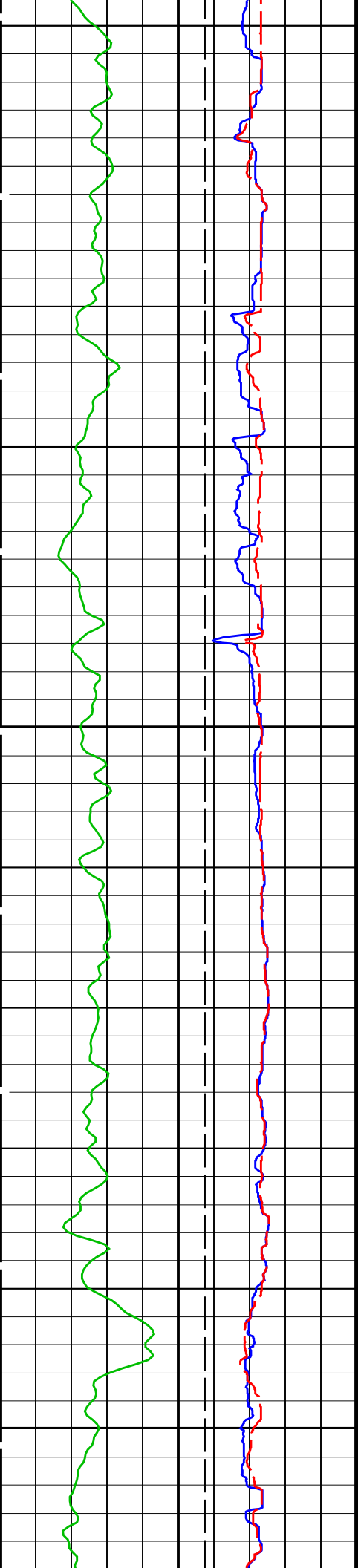




1775

1800

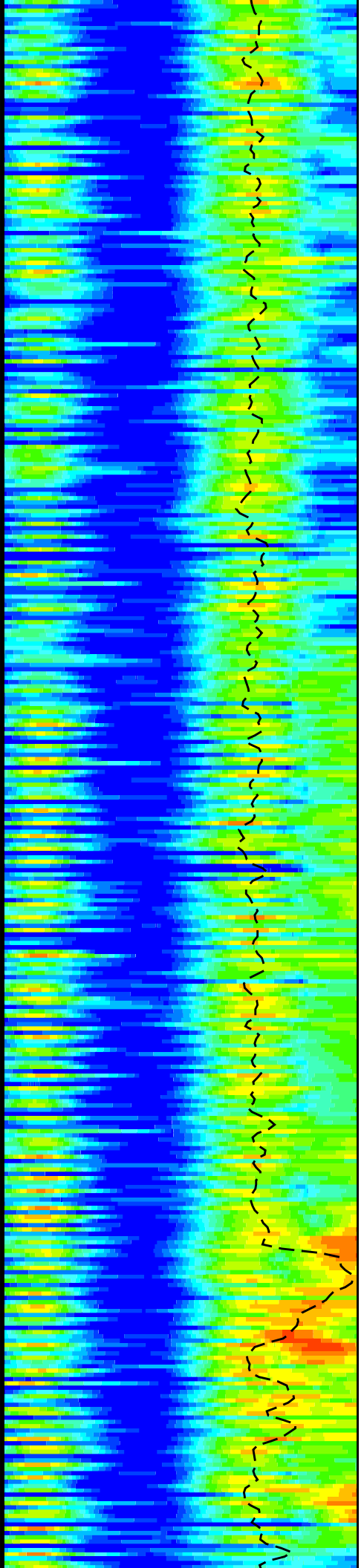
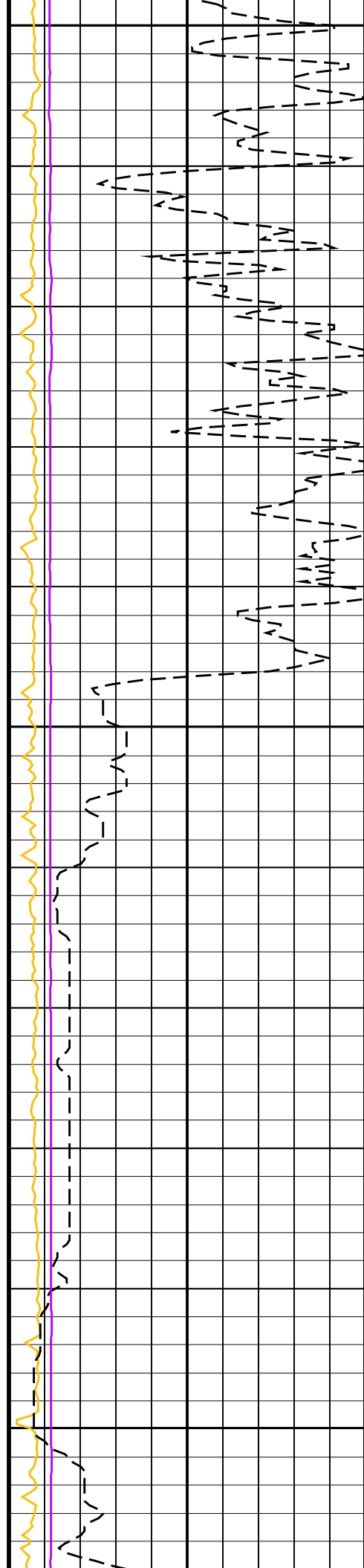


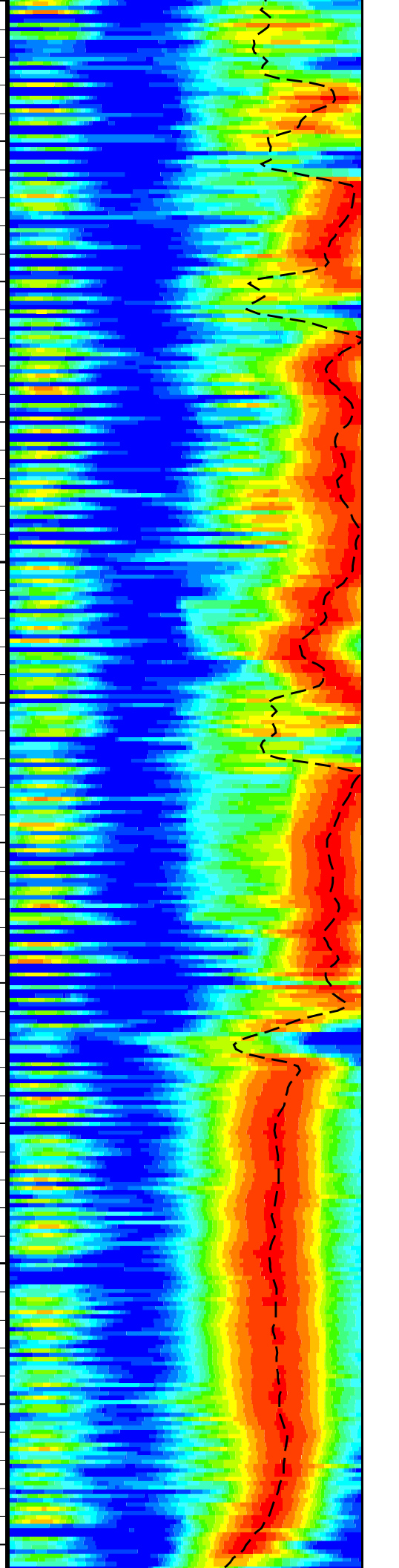
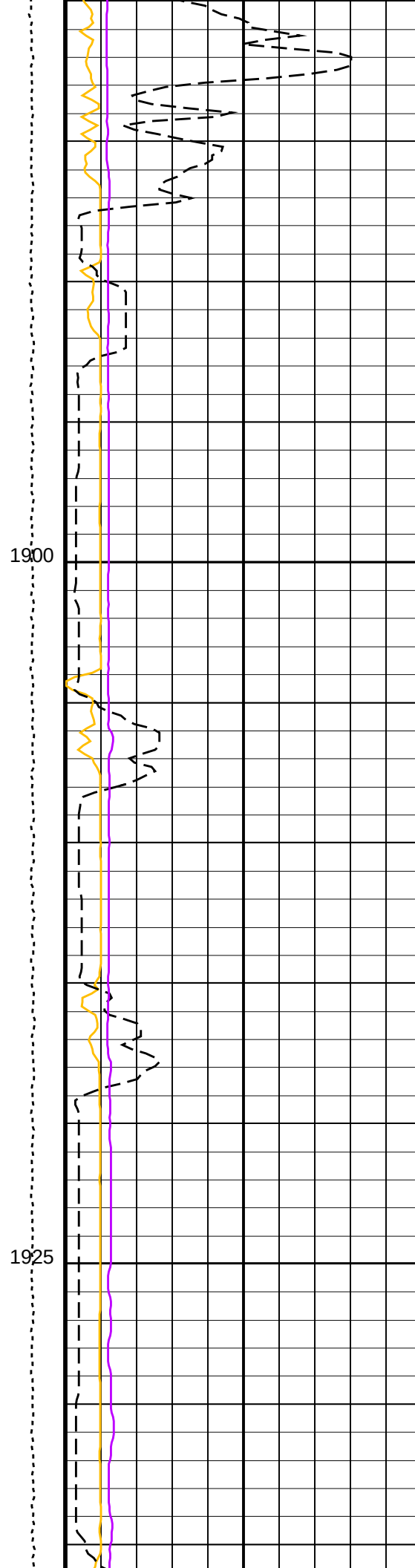
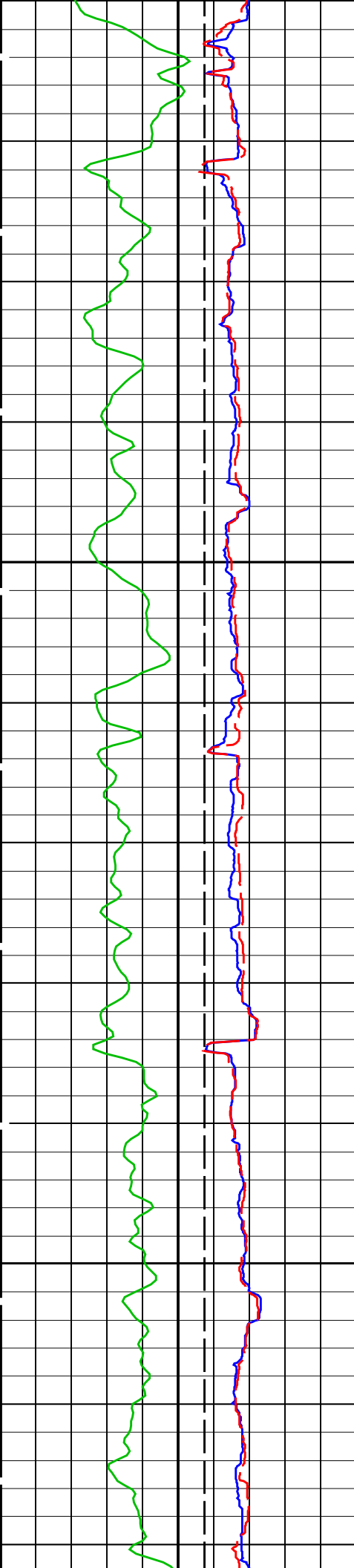


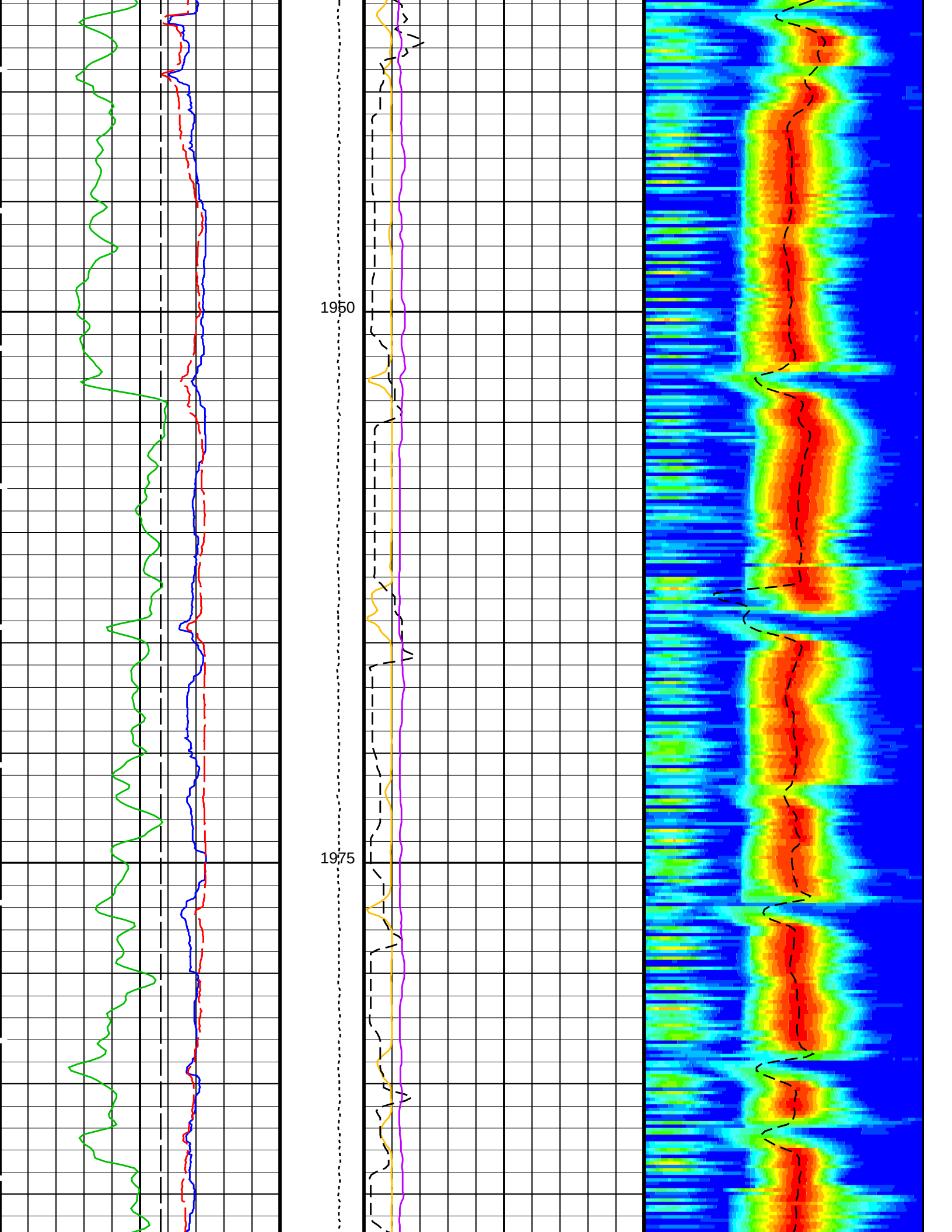
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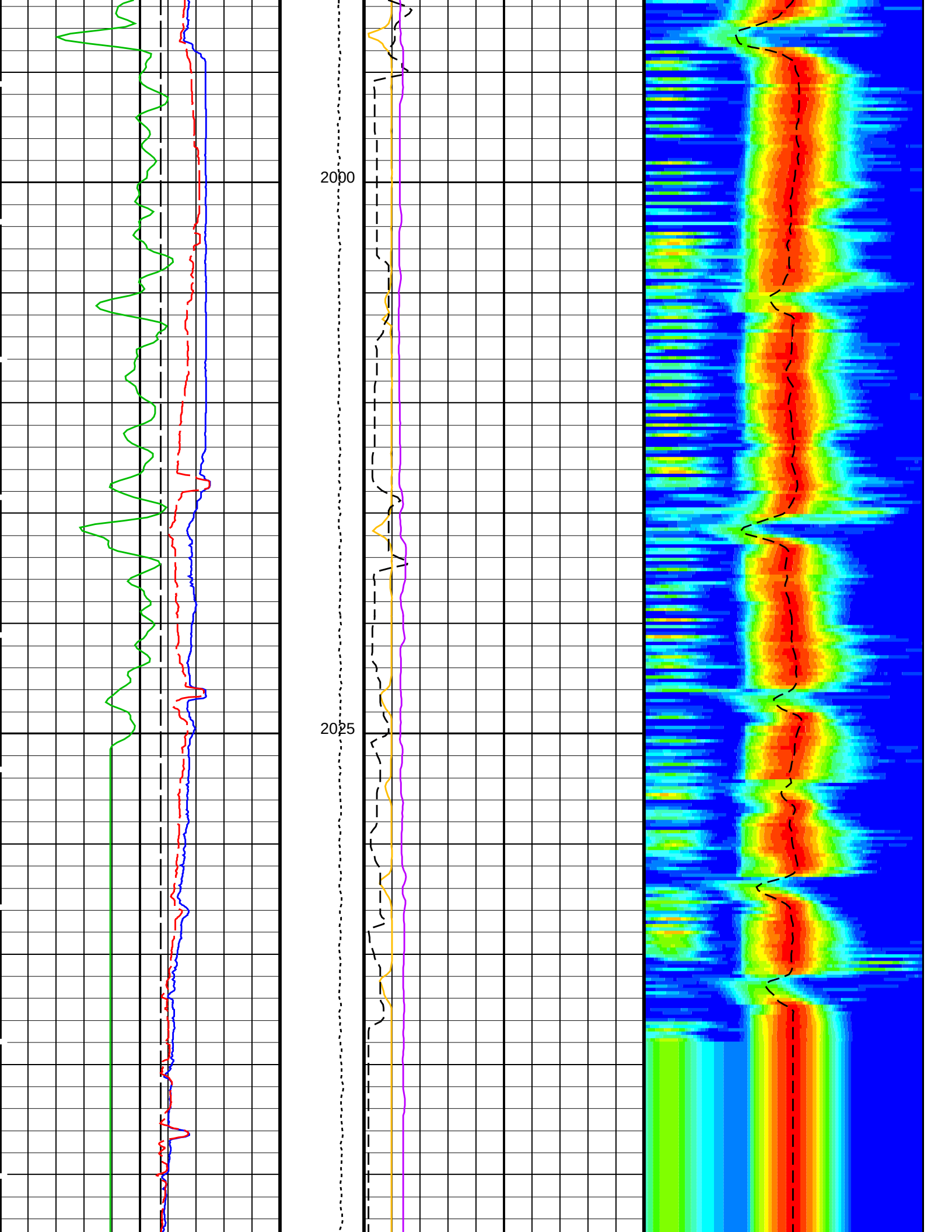
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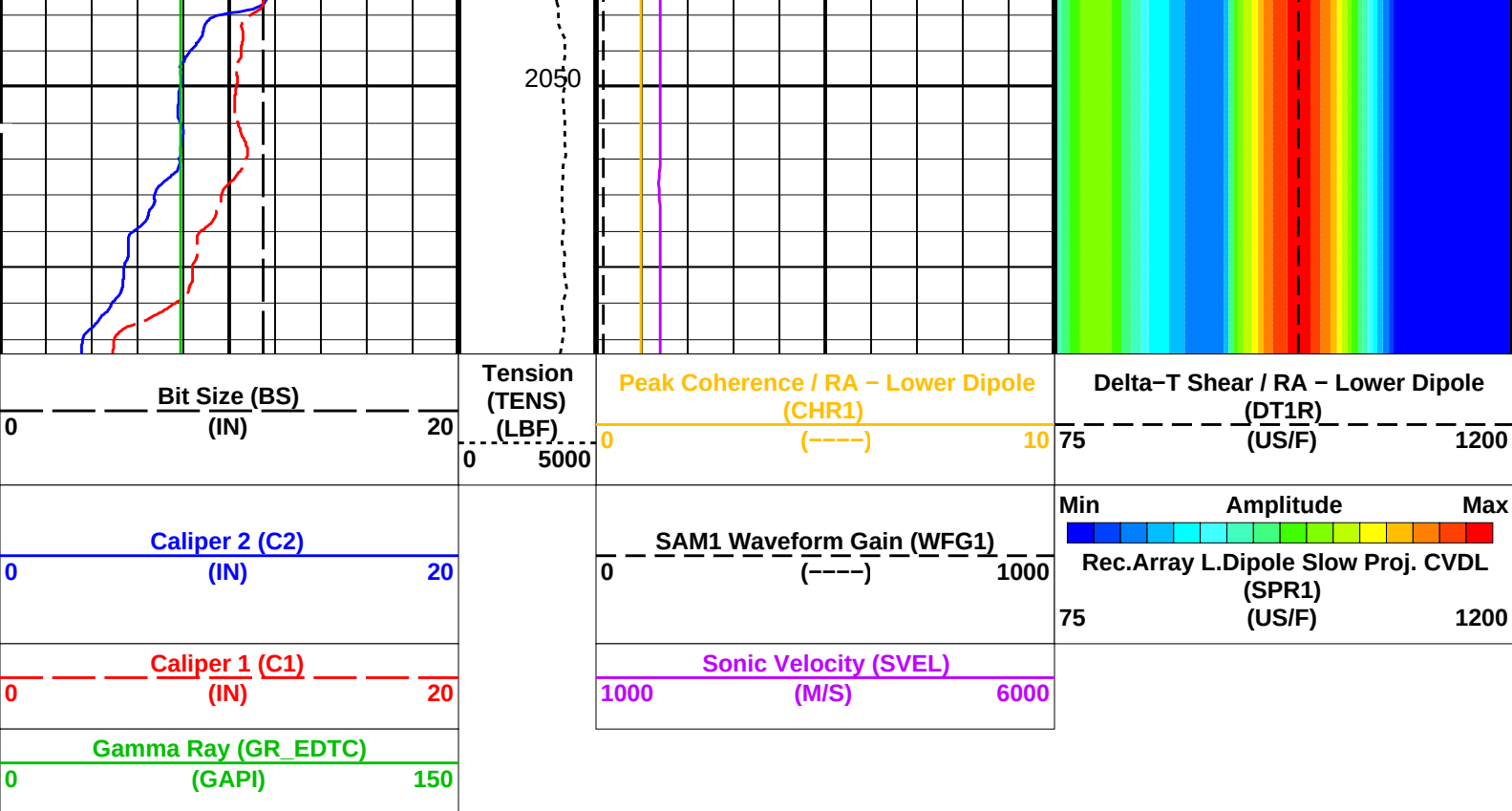
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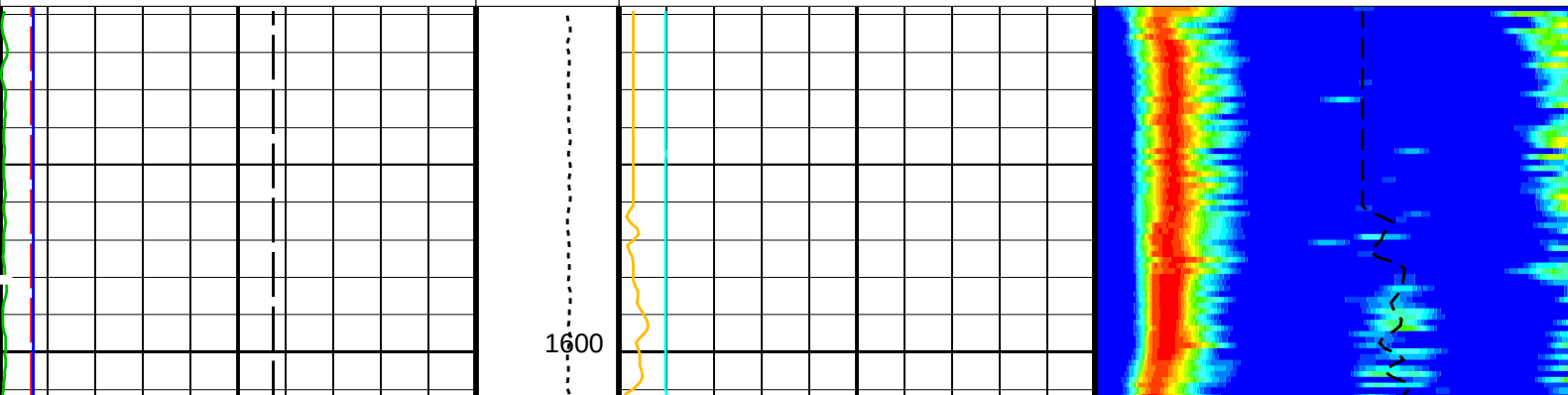


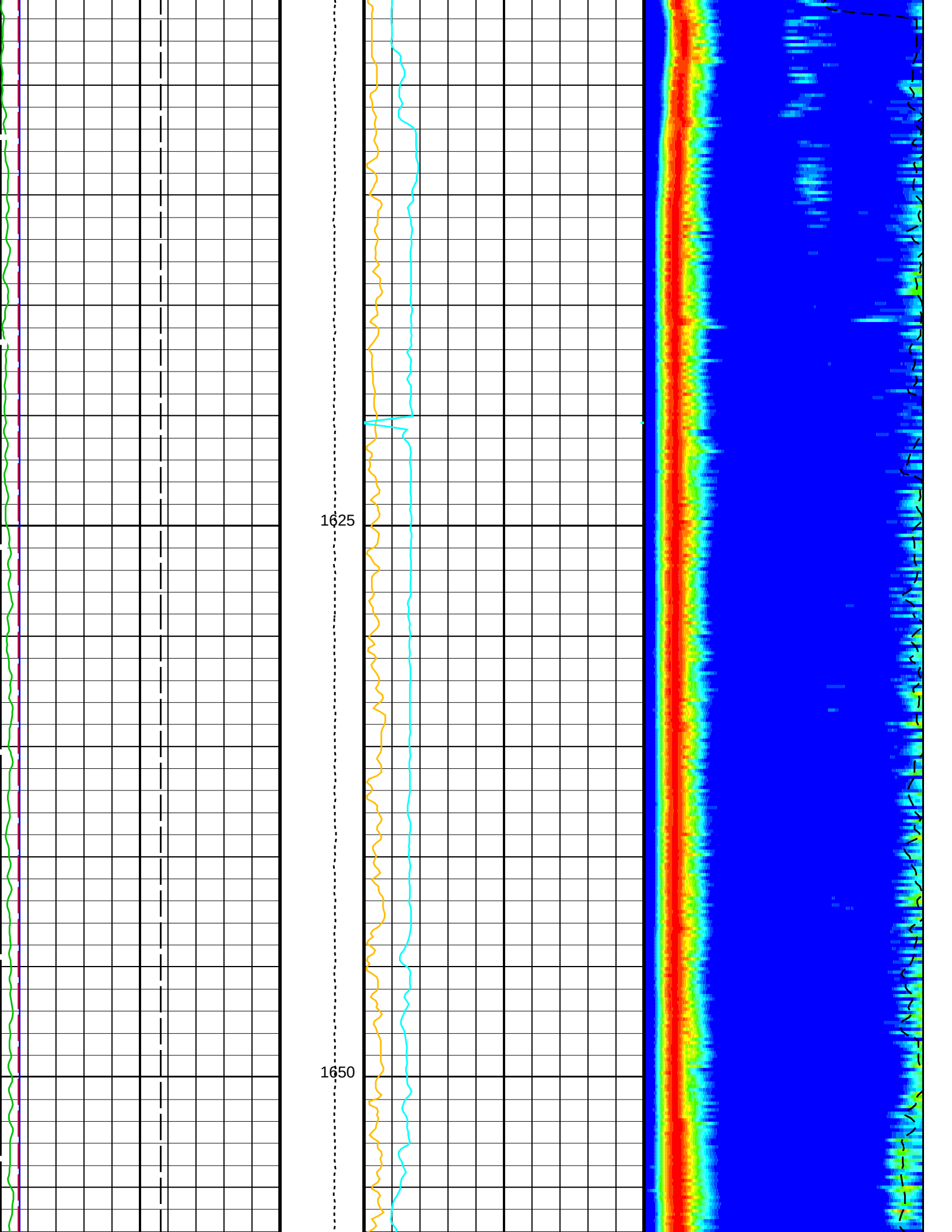
PIP SUMMARY

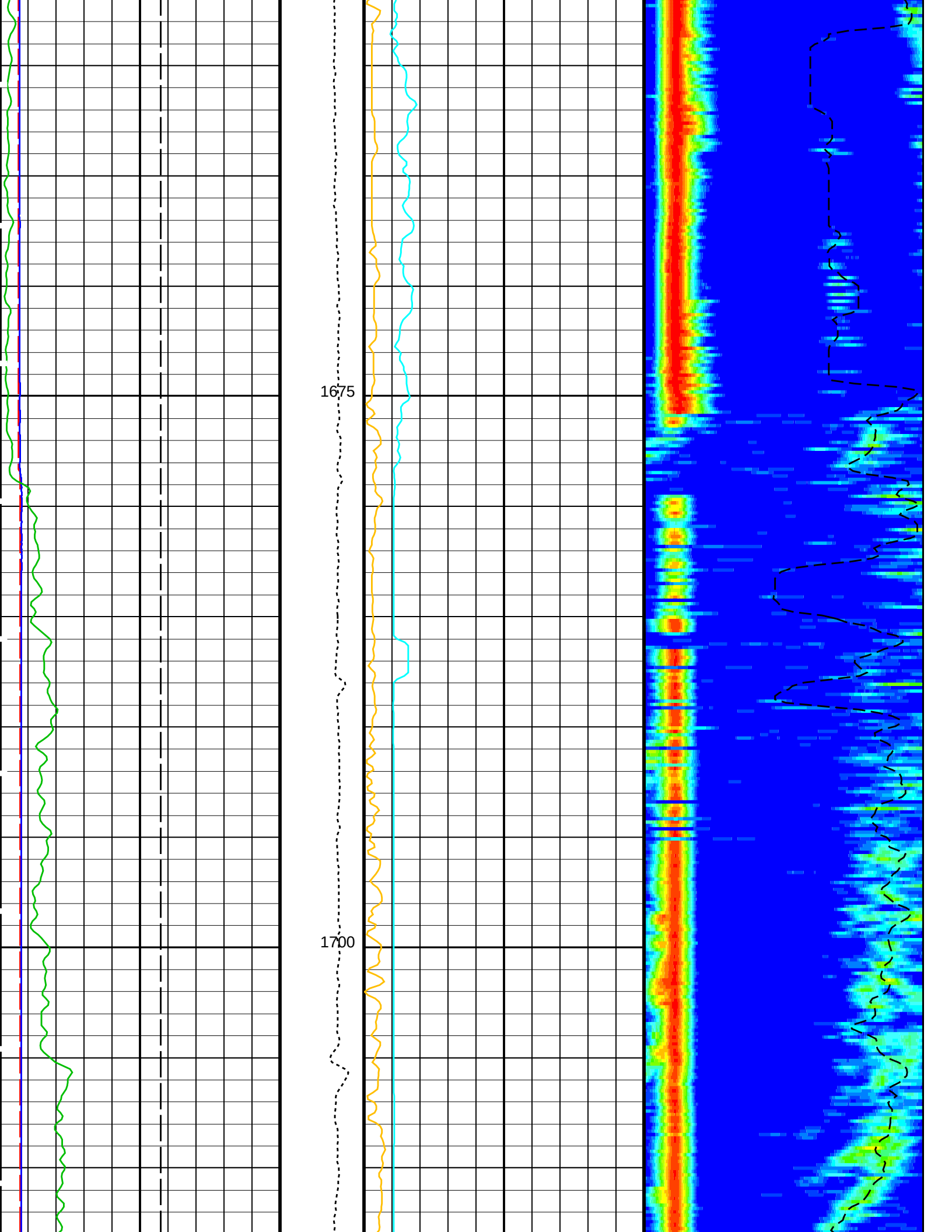
Time Mark Every 60 S

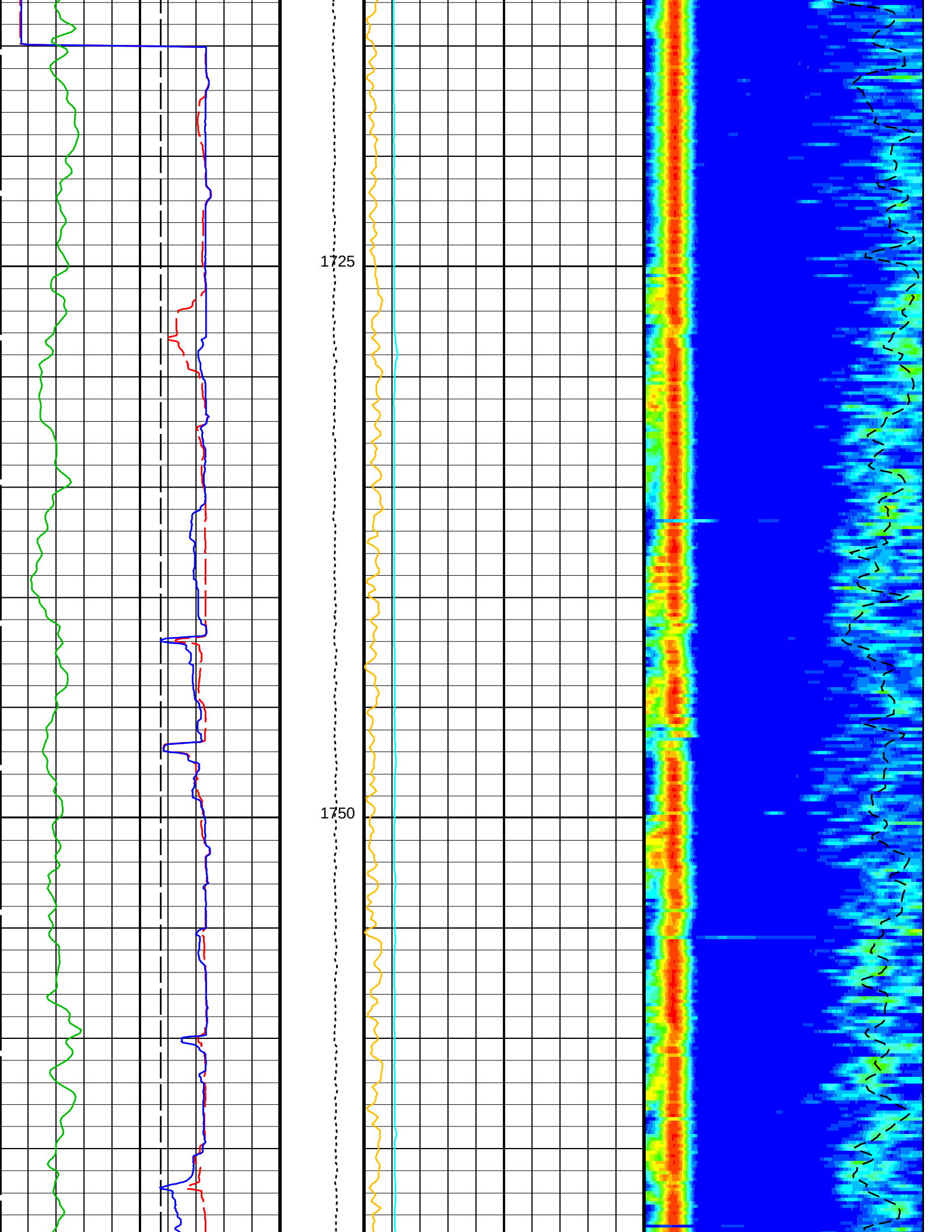
Parameters

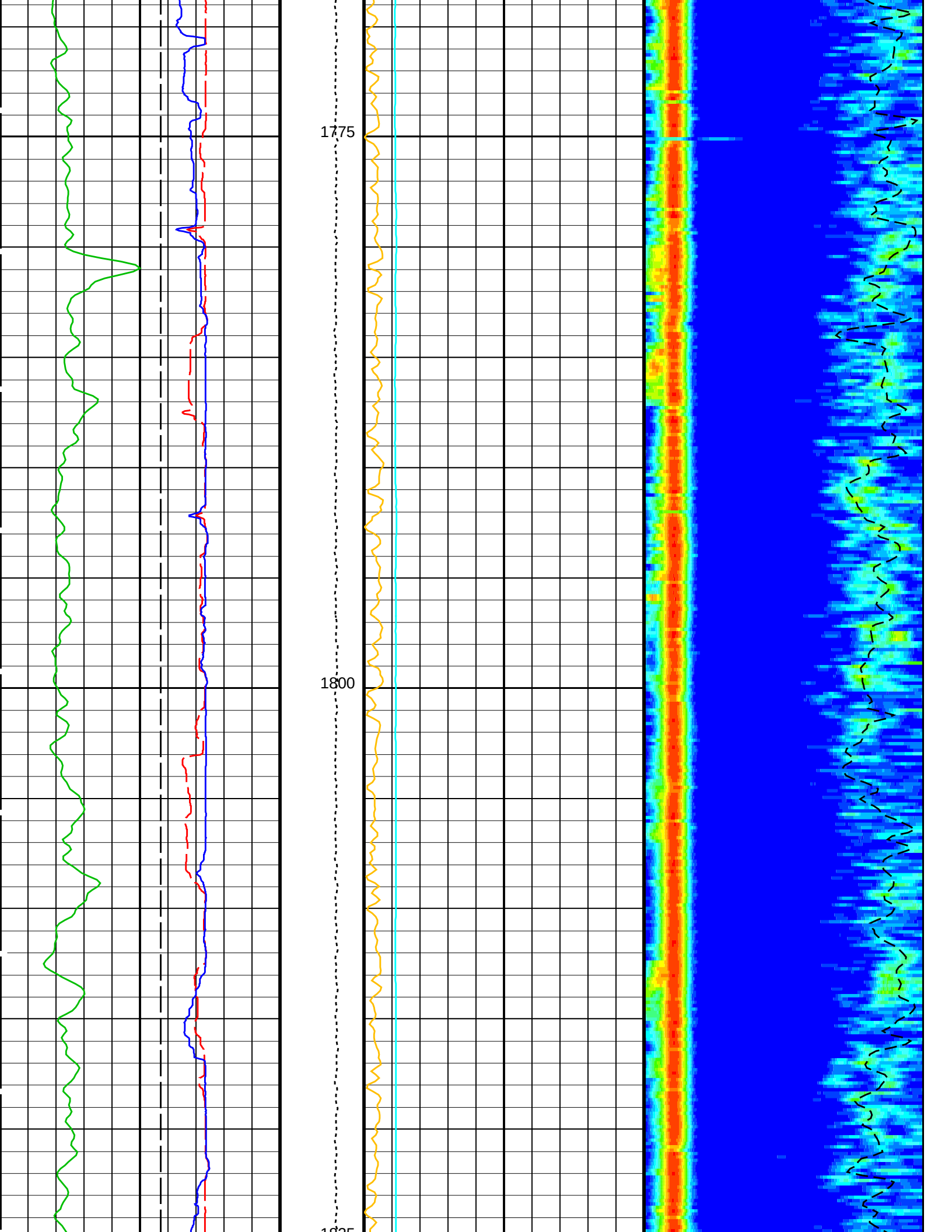
DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE1	Digitizing Delay 1	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	350	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	1200	US/F
DSI1	Digitizer 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	LFD_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	B.3–1.5K	
SLL1	STC Slowness Lower Limit – Lower Dipole	75	US/F
SST1	STC Slowness Step – Lower Dipole	4	US/F
SSW1	STC Source Waveform – Lower Dipole	WF_SAM1	
SUL1	STC Slowness Upper Limit – Lower Dipole	1200	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	20440	US
TWD1	STC Time Width – Lower Dipole	2000	US
TWI1	STC Integration Time Window – Lower Dipole	1600	US
TWSX	Transmitter Waveform Select X	0	

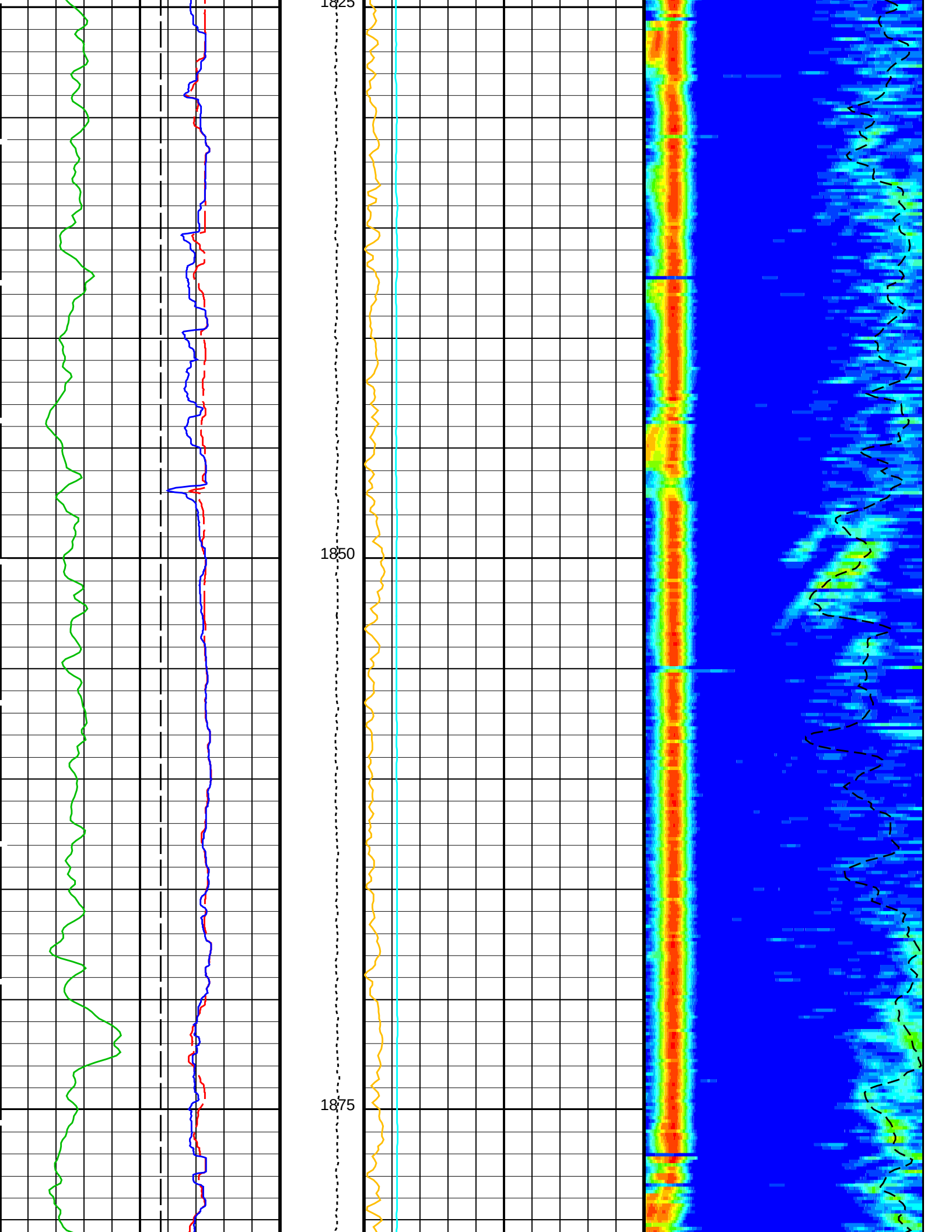


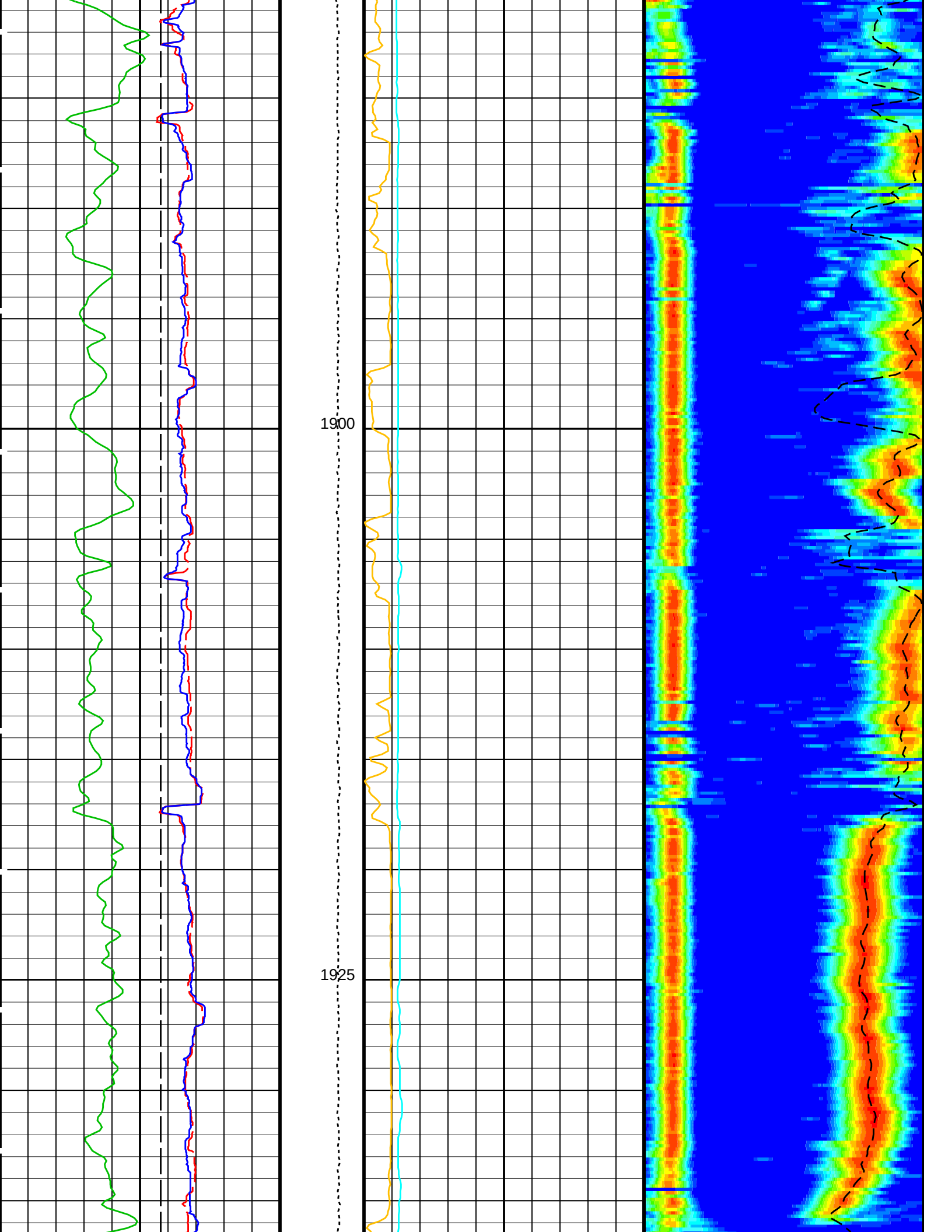


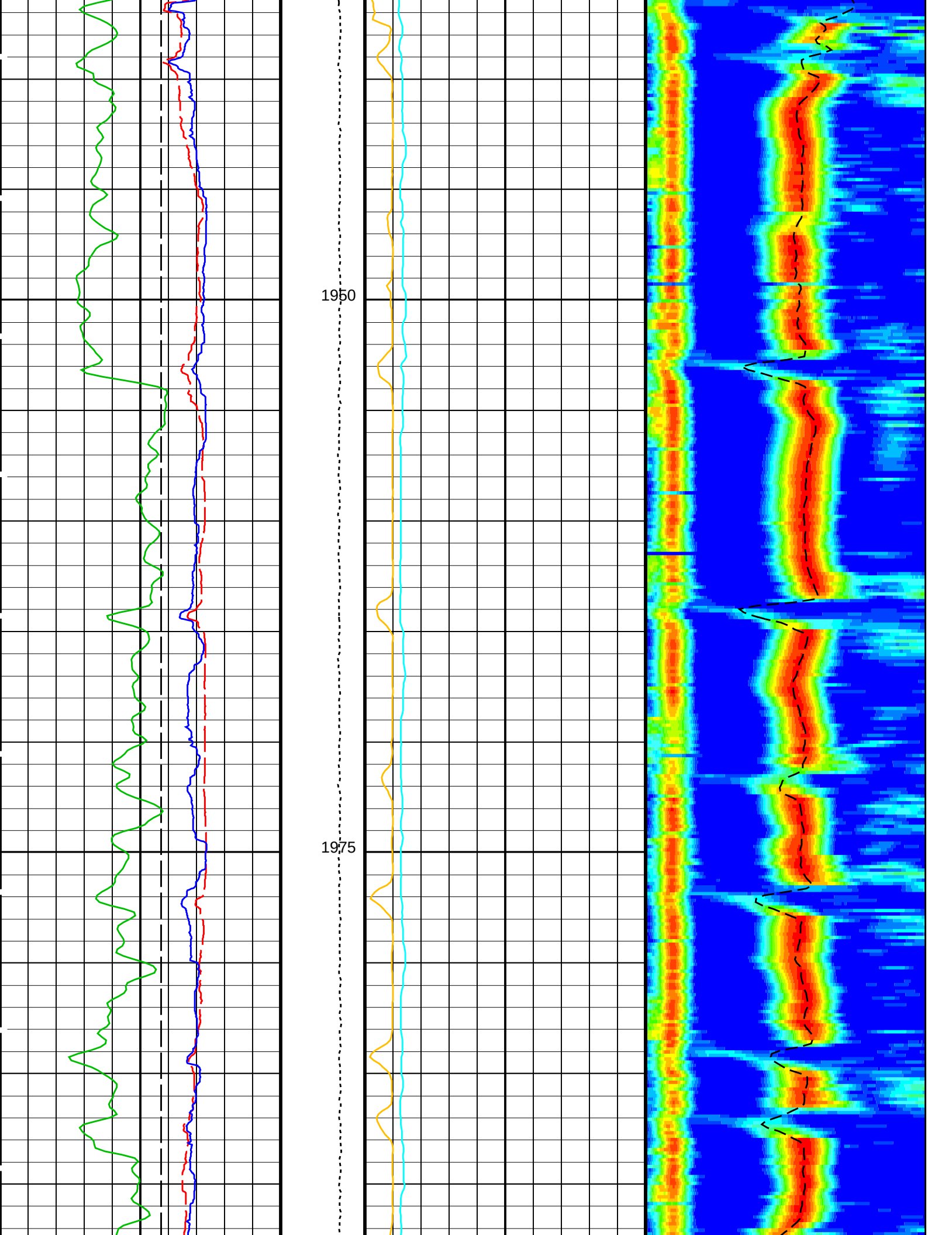


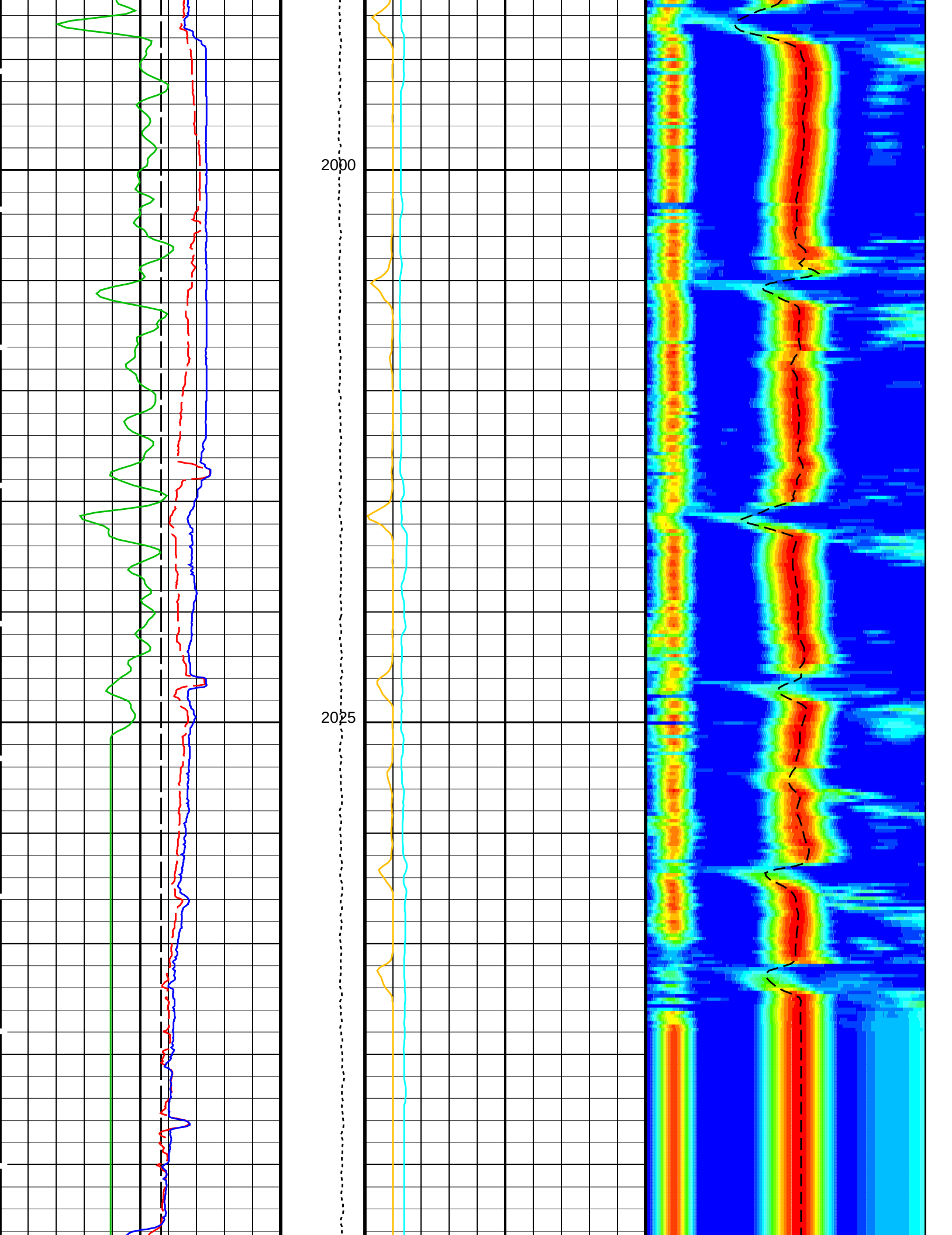


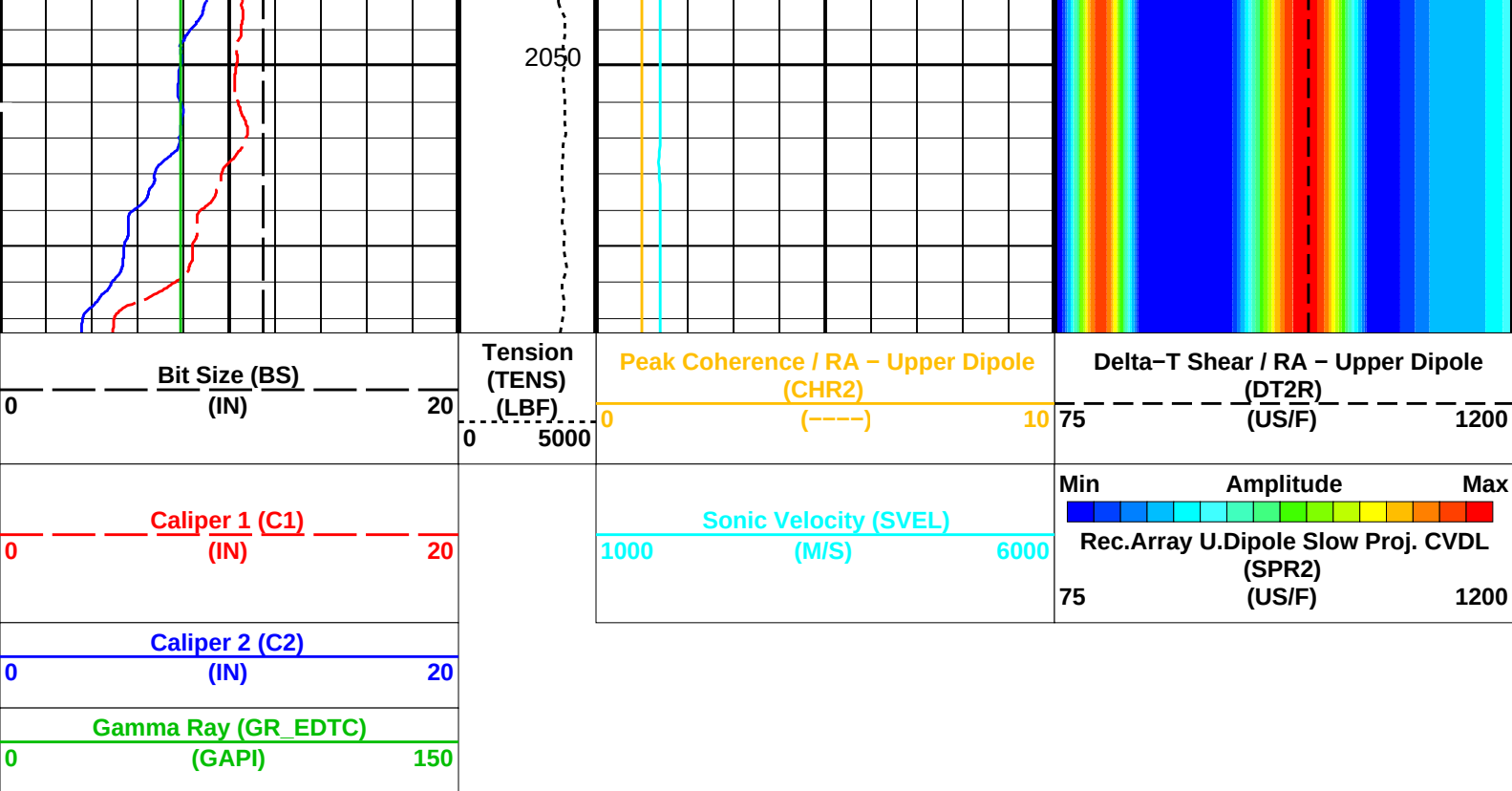












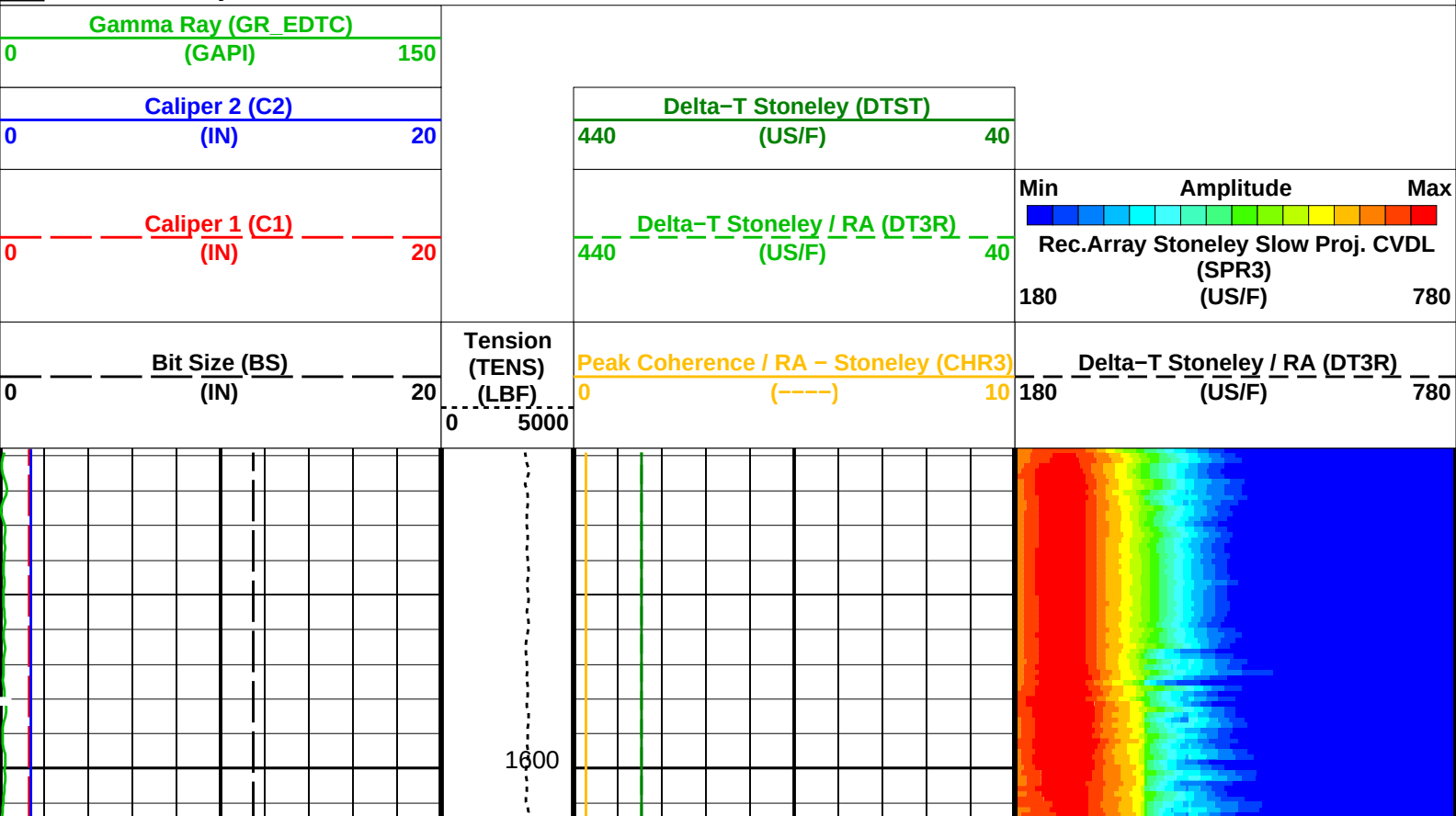
PIP SUMMARY

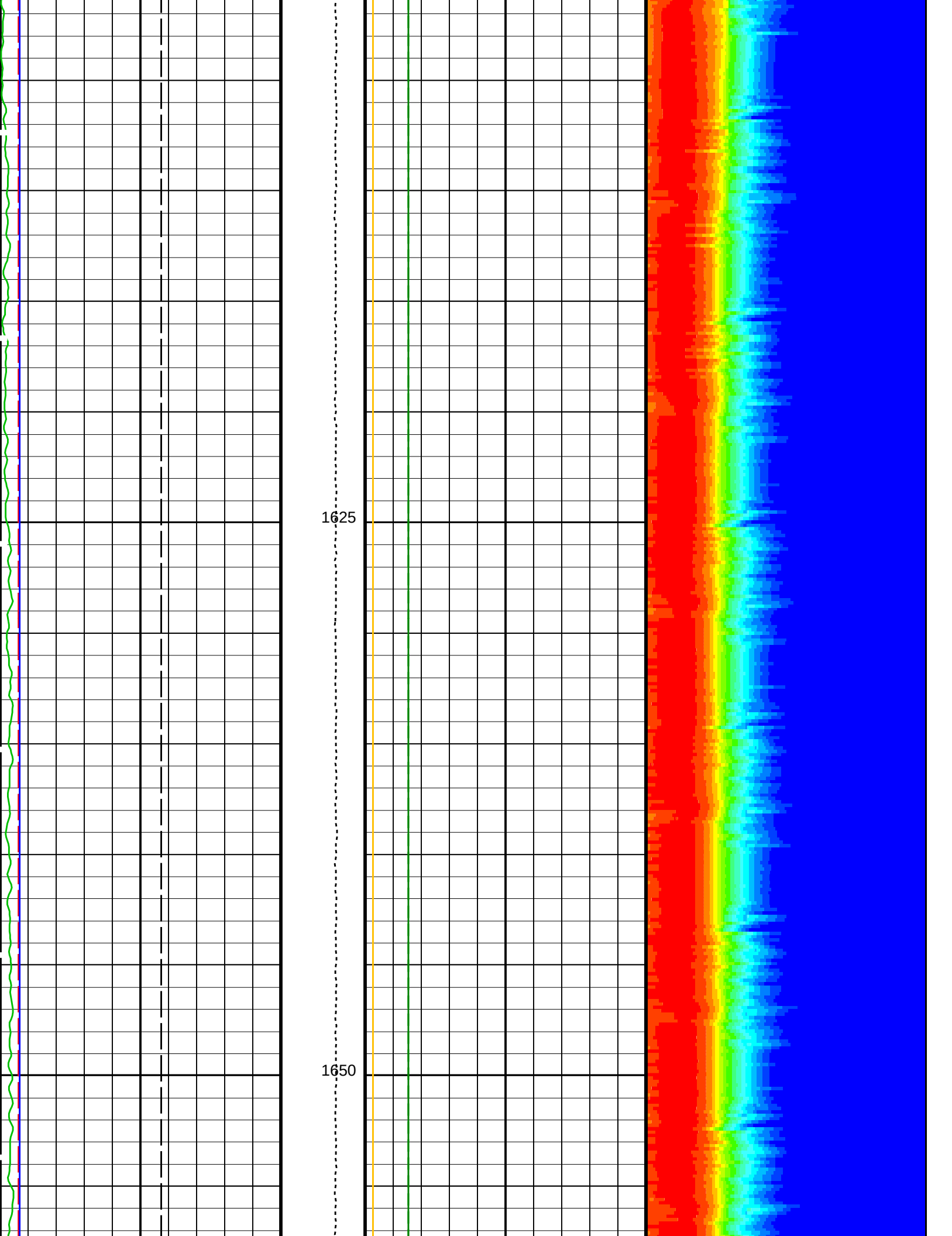
Time Mark Every 60 S

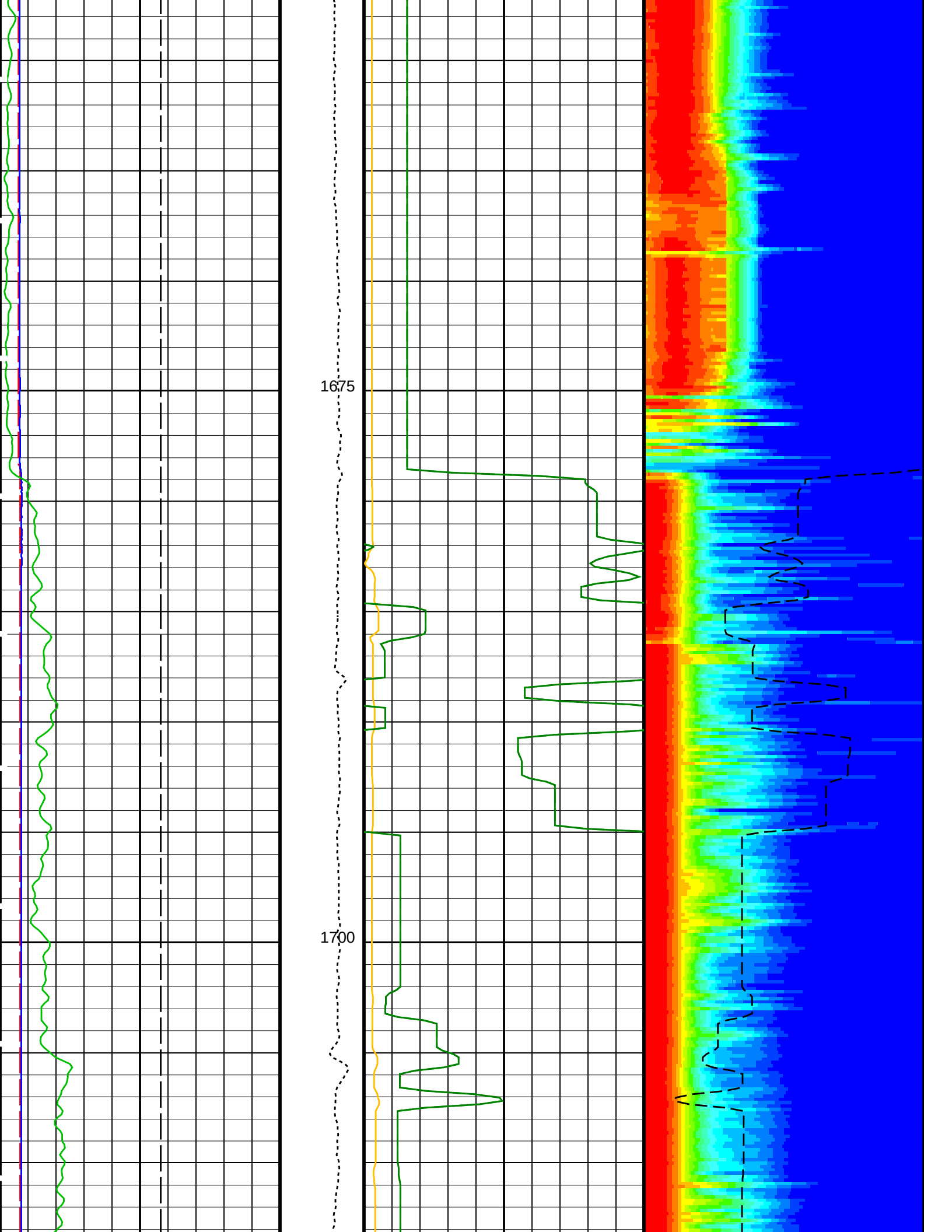
Parameters

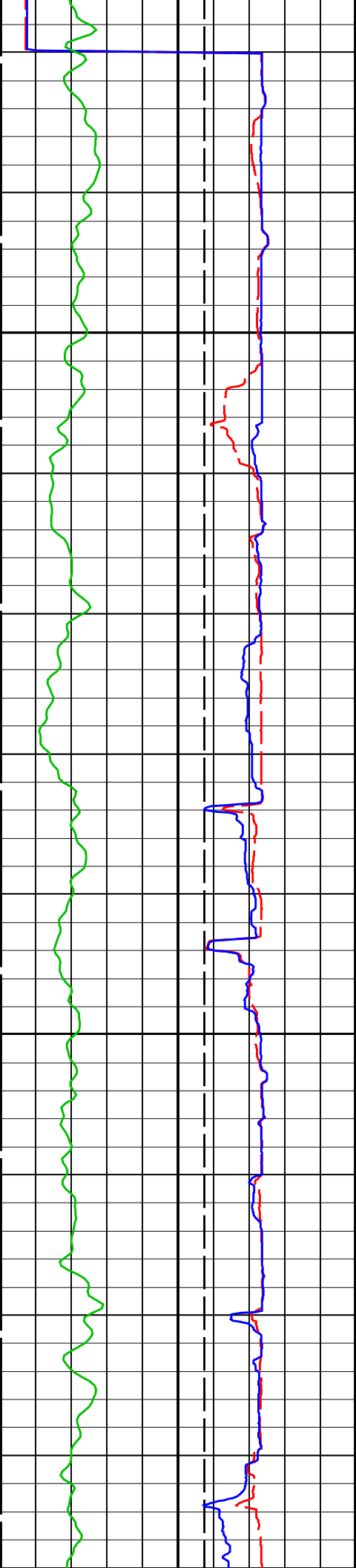
DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE2	Digitizing Delay 2	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	350	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	1200	US/F
DSI2	Digitizer 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	1200	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	20200	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

System and Miscellaneous



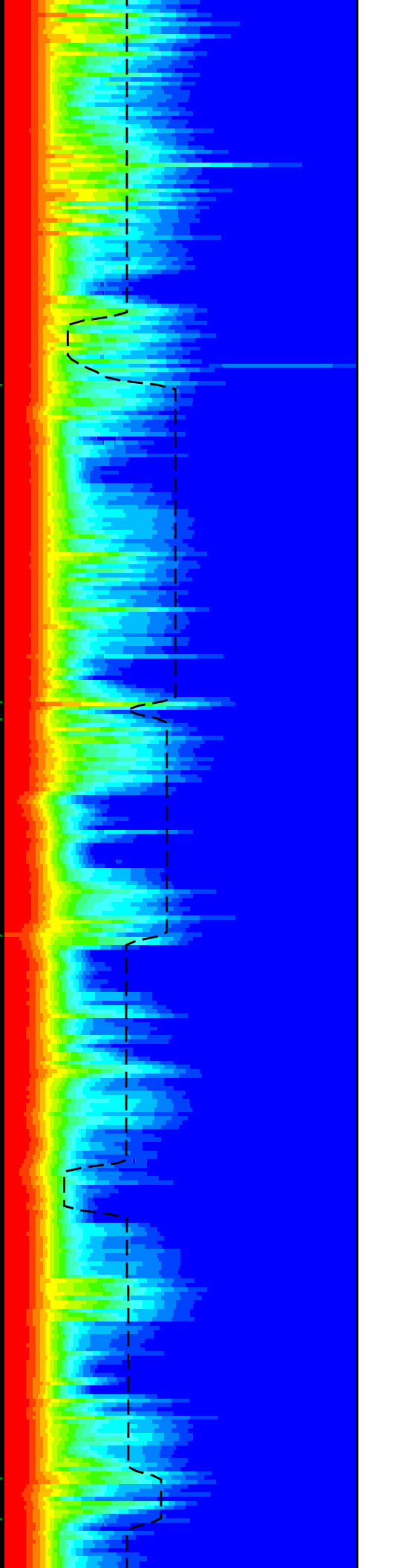
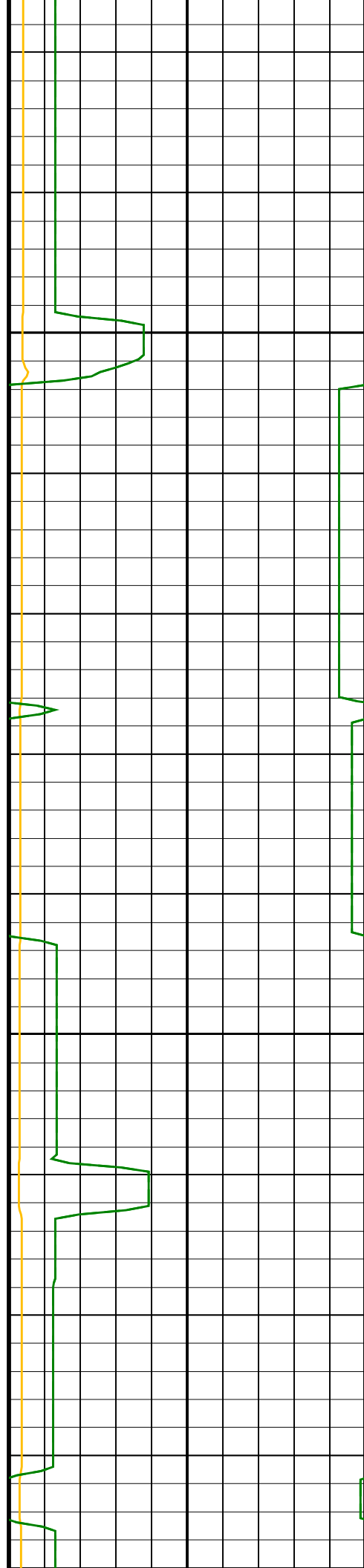


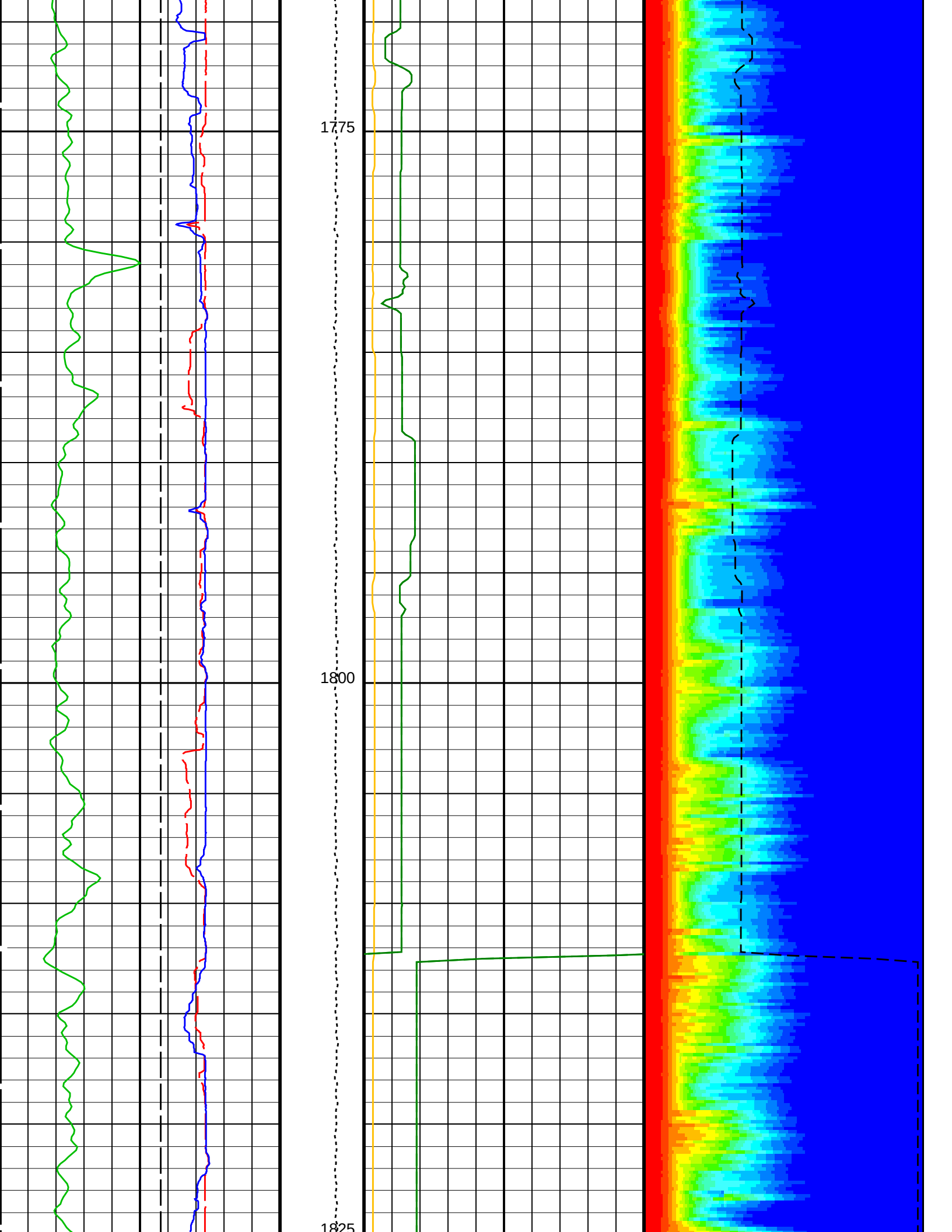


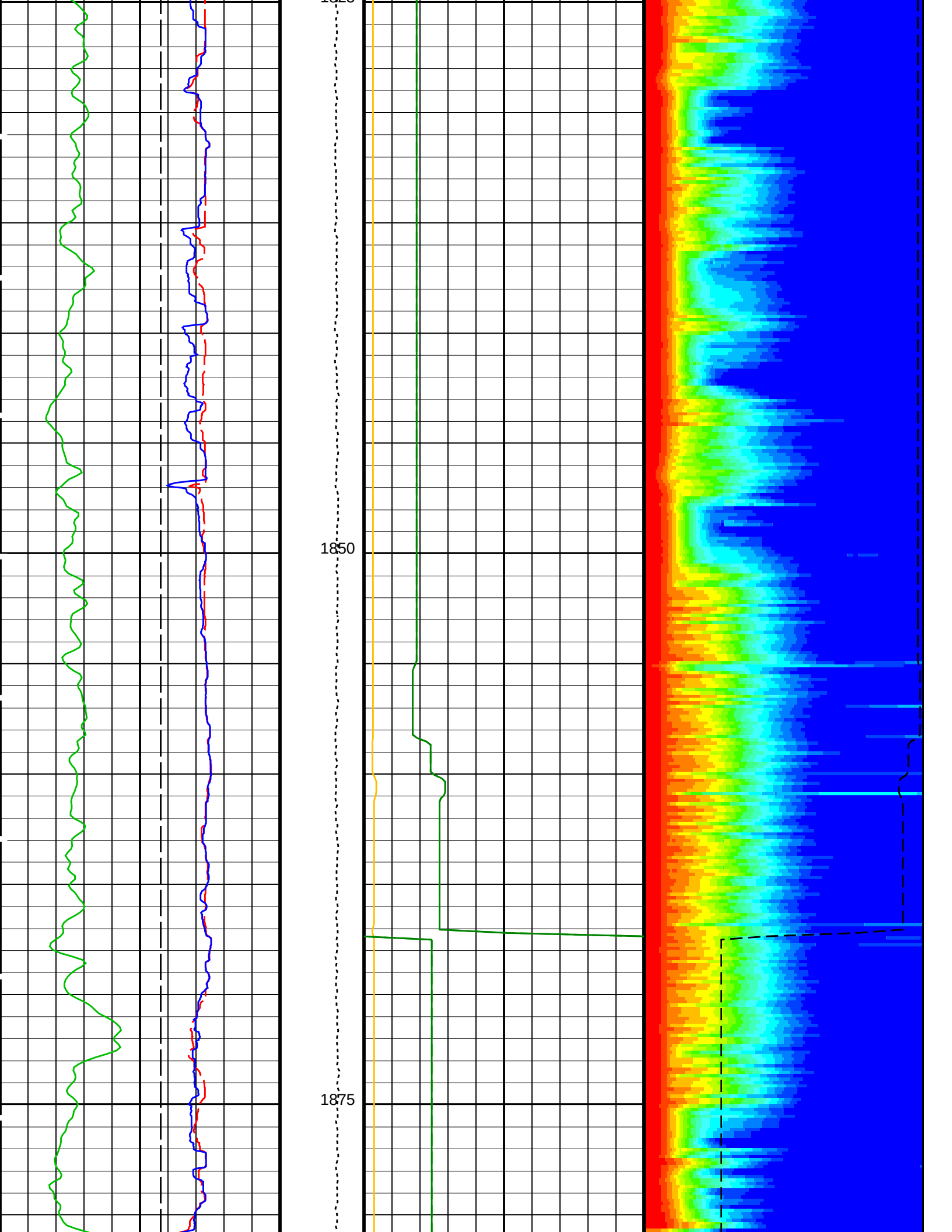


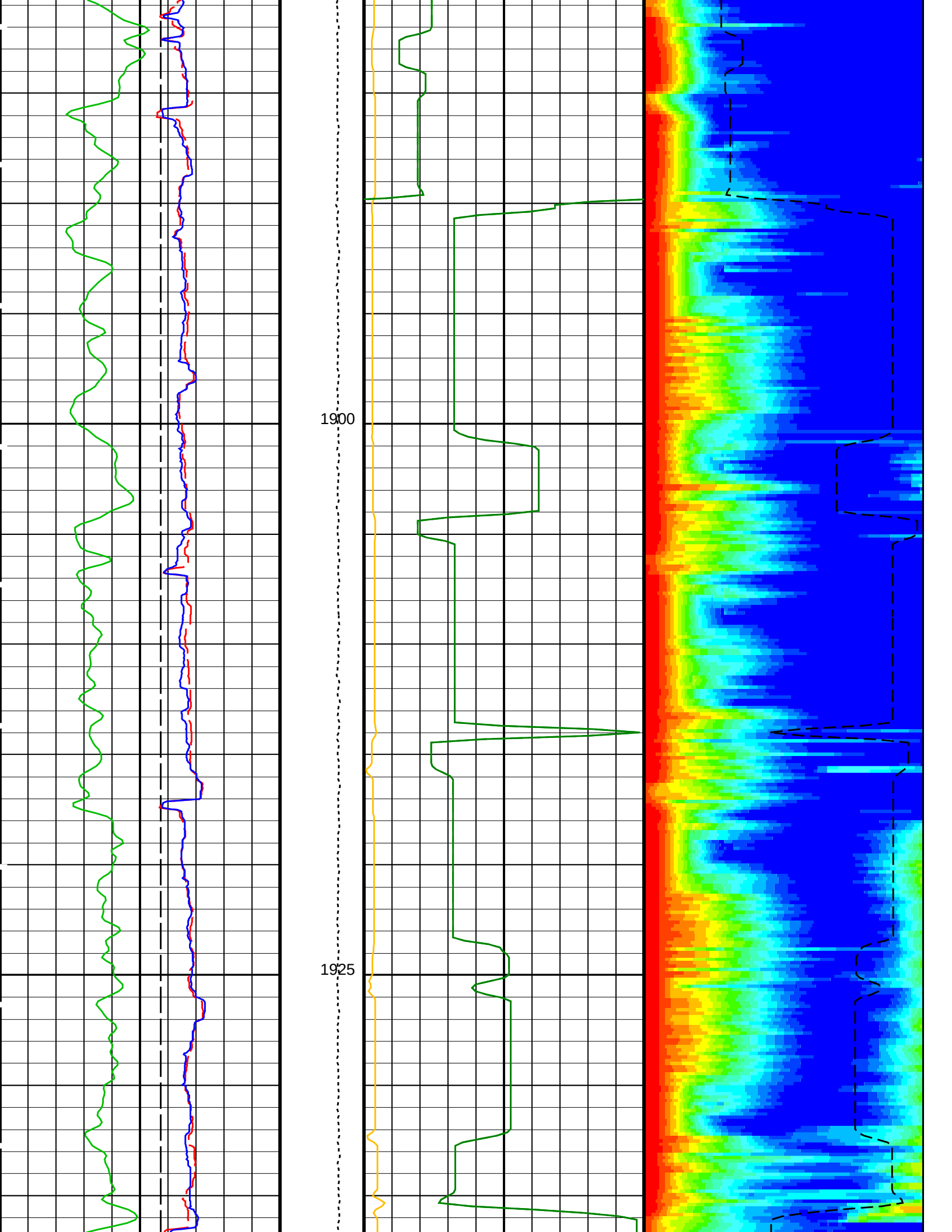
1725

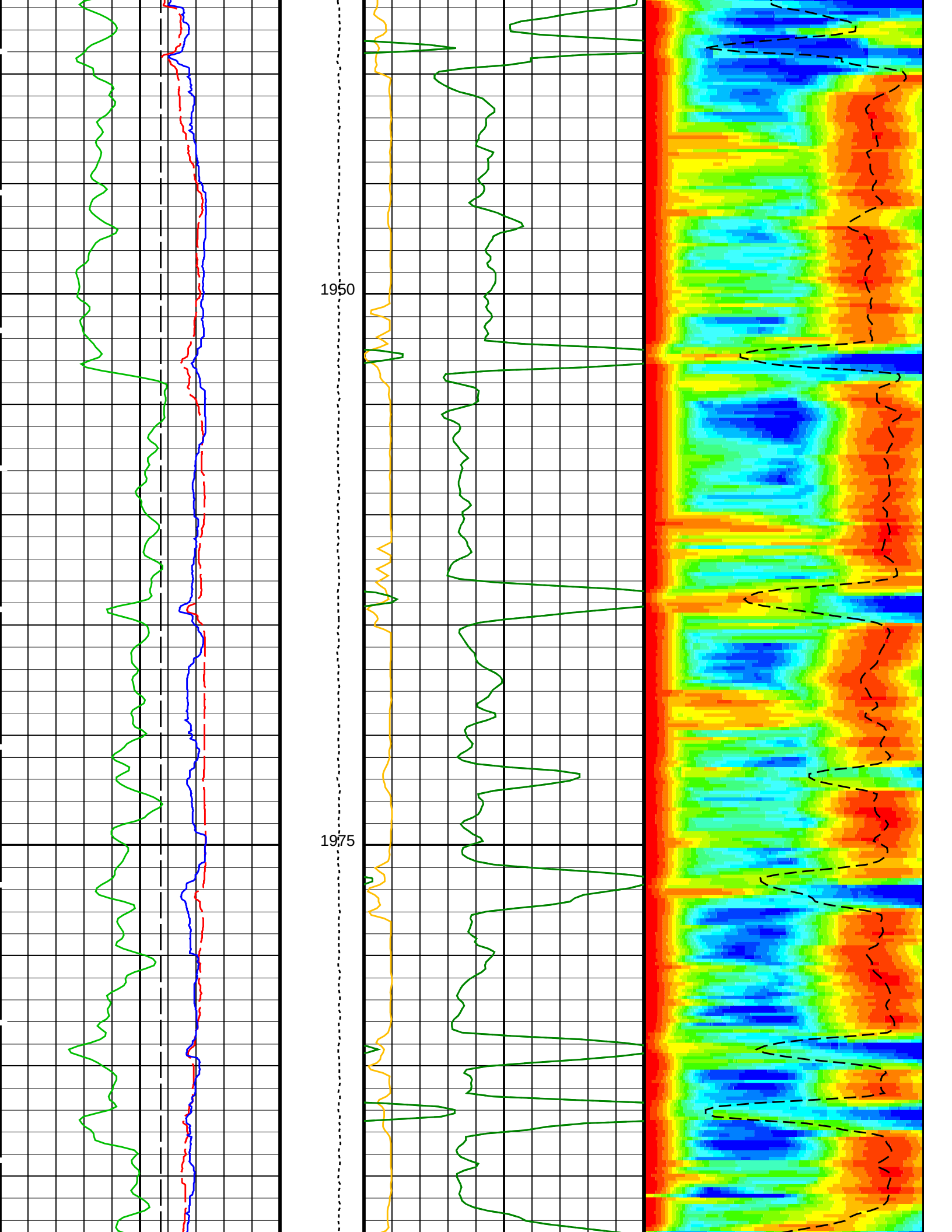
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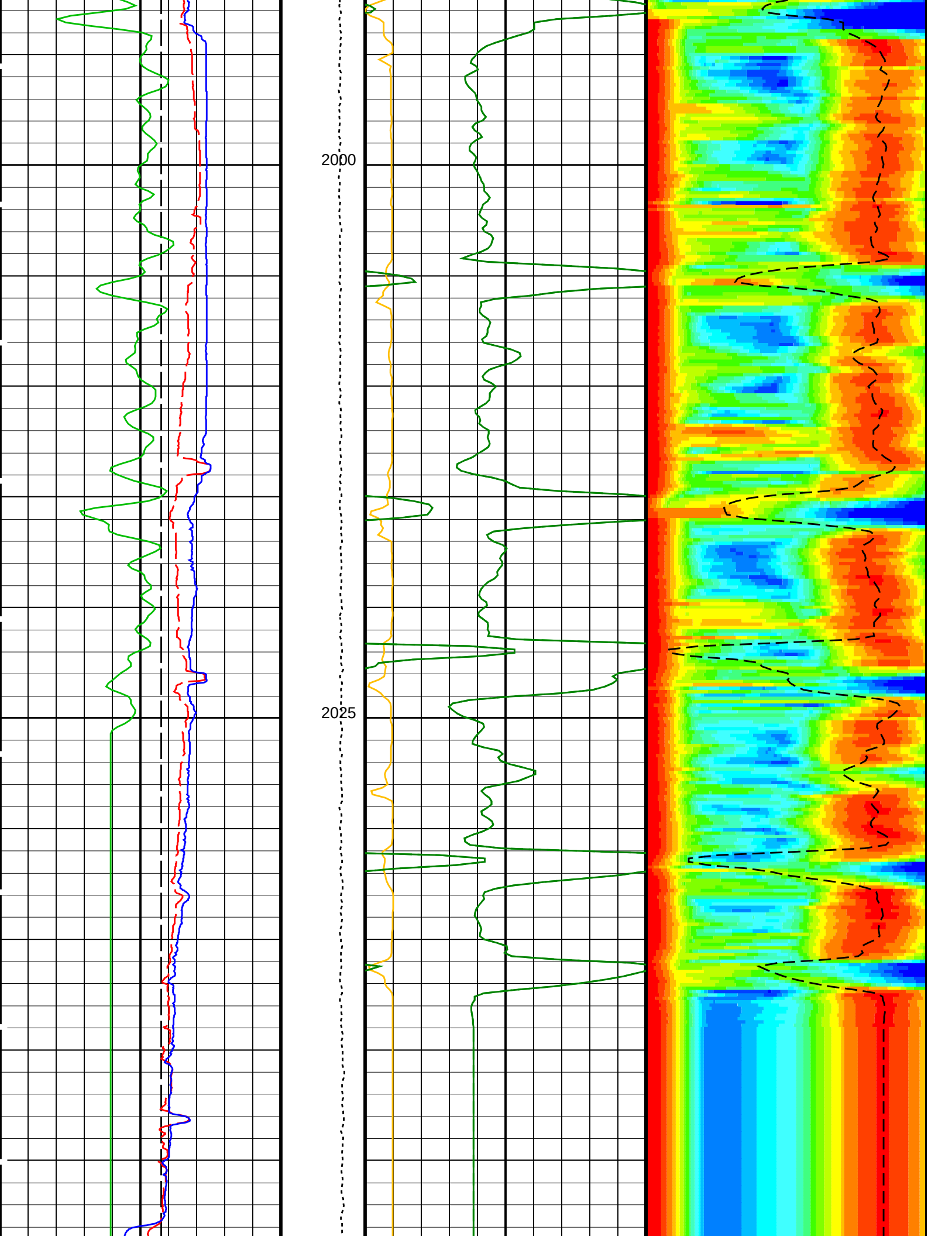


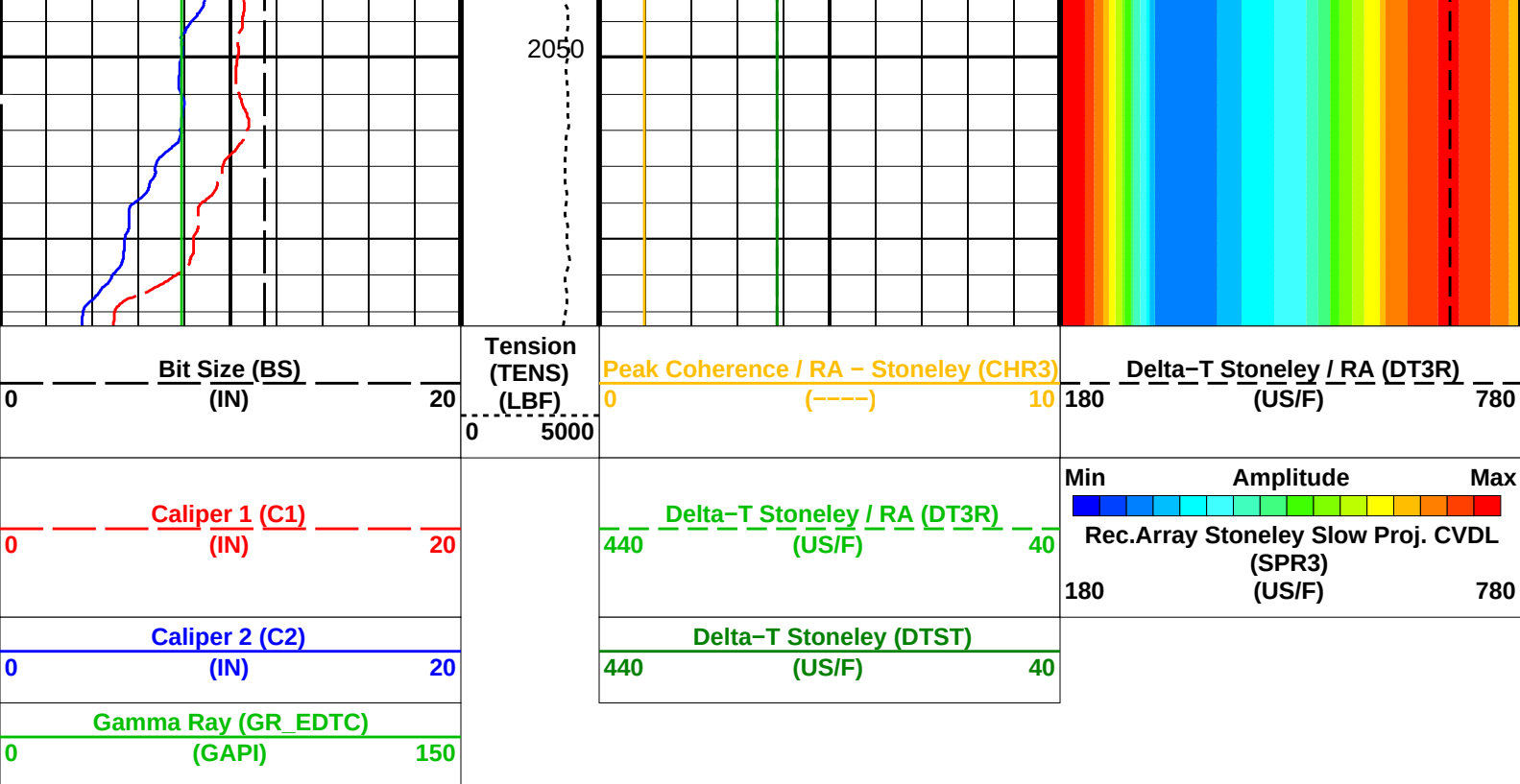












PIP SUMMARY

Time Mark Every 60 S

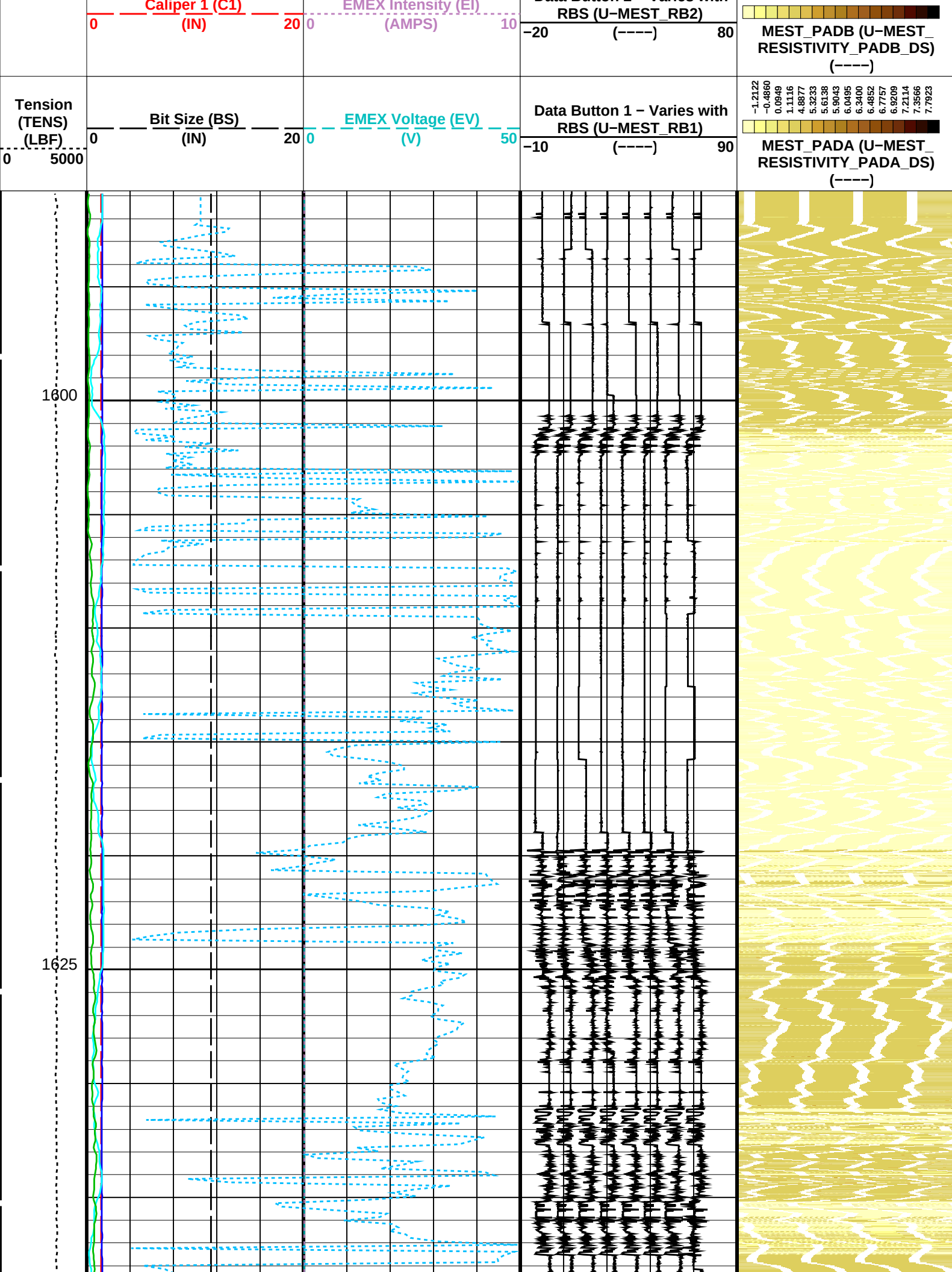
Parameters

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/F
SST3	STC Slowness Step - Monopole Stoneley	4 US/F
SSW3	STC Source Waveform - Monopole Stoneley	WF_SAM3
STLL	Label Slowness Lower Limit - Monopole Stoneley	225 US/F
STUL	Label Slowness Upper Limit - Monopole Stoneley	780 US/F
SUL3	STC Slowness Upper Limit - Monopole Stoneley	780 US/F
SWD3	STC Slowness Width - Monopole Stoneley	40 US/F
TBF3	STC Time for Baseline Fill - Monopole Stoneley	0 US
TLL3	STC Time Lower Limit - Monopole Stoneley	620 US
TST3	STC Time Step - Monopole Stoneley	200 US
TUL3	STC Time Upper Limit - Monopole Stoneley	12020 US
TWD3	STC Time Width - Monopole Stoneley	2000 US
TWI3	STC Integration Time Window - Monopole Stoneley	1600 US
TWSX	Transmitter Waveform Select X	0
System and Miscellaneous		
BS	Bit Size	11.438 IN

DO PP	Depth Offset for Playback Playback Processing			RECOMPUTE		0.0 M
Format: DSST_STONELEY_VDL_COLOR		Vertical Scale: 1:200		Graphics File Created: 04-Oct-2019 06:28		
OP System Version: 19C0-187						
MEST-B	19C0-187		DTA-A	19C0-187		
DSST-B	19C0-187		HNGC-B	19C0-187		
HNGS-BA	19C0-187		EDTC-B	SKK-5169-EDTCB		
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_038PUP	FN:43	PRODUCER	03-Oct-2019 20:51	2057.4 M	1590.8 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_044PUP	FN:49	PRODUCER	04-Oct-2019 06:28		

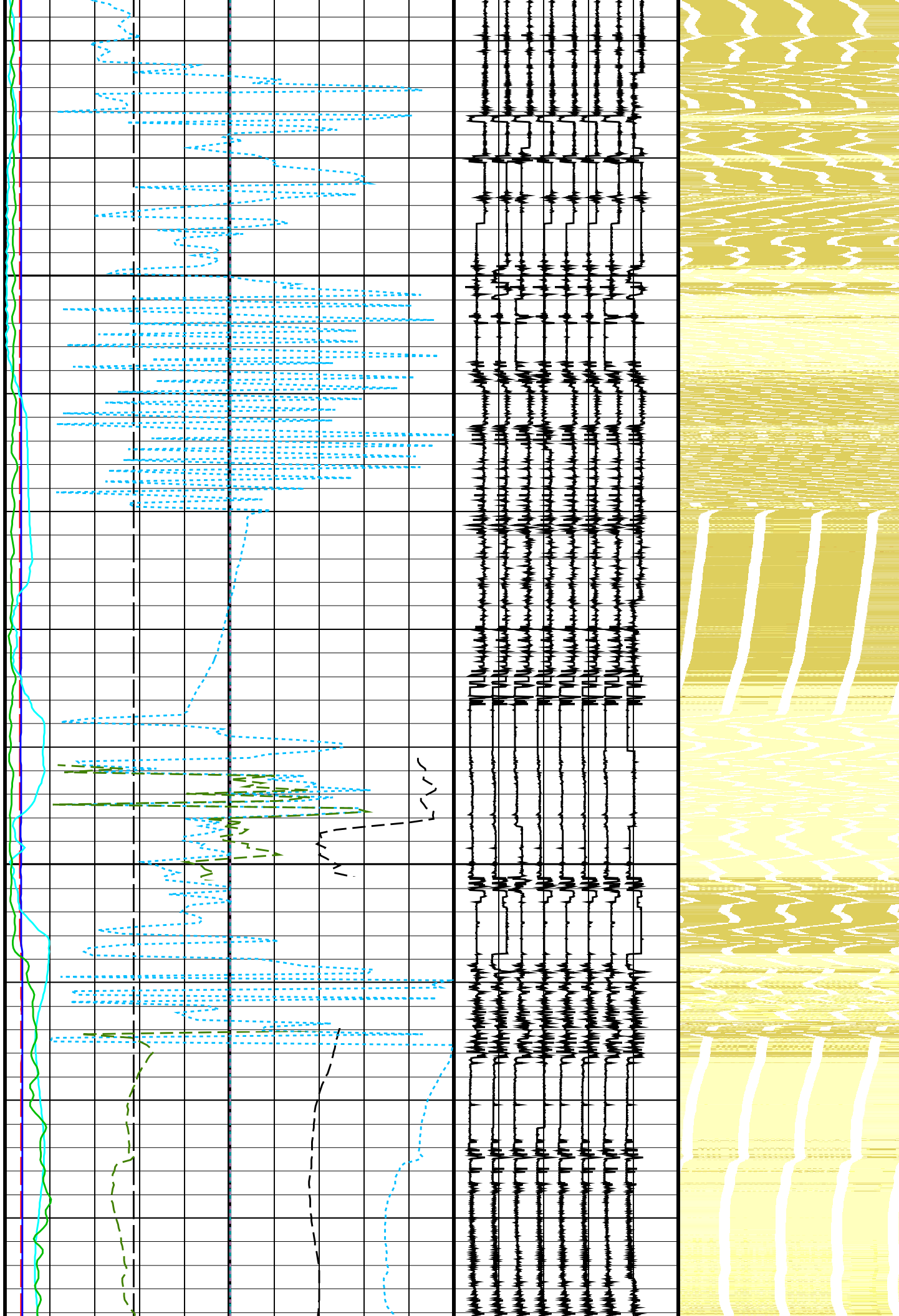
Company: International Ocean Discovery Program				Well: Expedition 385, Site U1545A		
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_038PUP	FN:43	PRODUCER	03-Oct-2019 20:51	2057.4 M	1590.8 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_044PUP	FN:49	PRODUCER	04-Oct-2019 06:28	2057.4 M	1590.8 M
OP System Version: 19C0-187						
MEST-B	19C0-187	DTA-A	19C0-187			
DSST-B	19C0-187	HNGC-B	19C0-187			
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB			

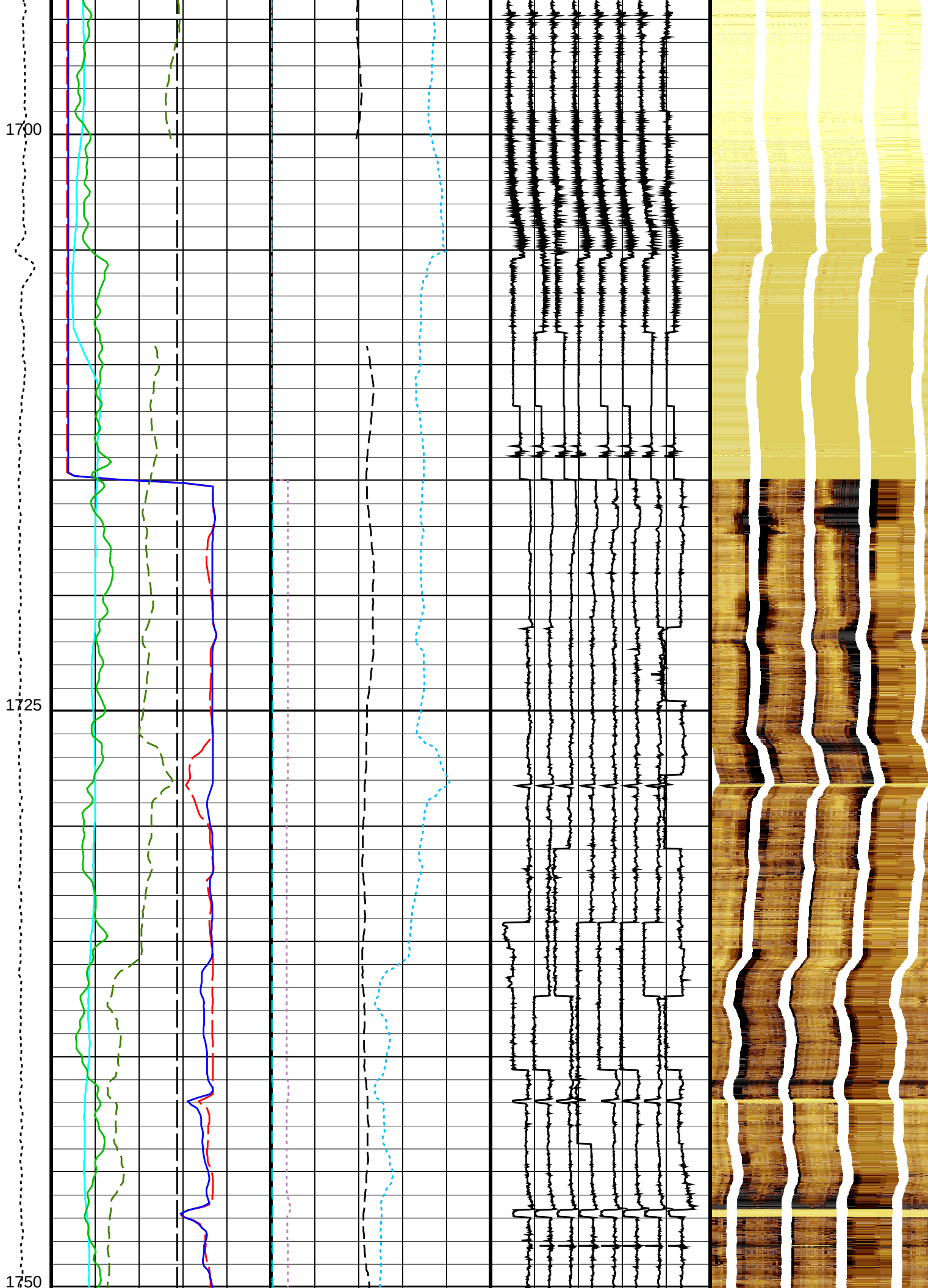
PIP SUMMARY				
Time Mark Every 60 S				
	Relative Bearing (RB_MEST) -40 (DEG) 360		Data Button 8 – Varies with RBS (U-MEST_RB8) -80 (----) 20	
	Pad One Azimuth (P1AZ_MEST) -40 (DEG) 360		Data Button 7 – Varies with RBS (U-MEST_RB7) -70 (----) 30	
	Hole Azimuth (HAZIM) -40 (DEG) 360		Data Button 6 – Varies with RBS (U-MEST_RB6) -60 (----) 40	
	Gamma Ray (GR_EDTC) 0 (GAPI) 150		Data Button 5 – Varies with RBS (U-MEST_RB5) -50 (----) 50	
	Deviation (DEVIM) 0 (DEG) 10		Data Button 4 – Varies with RBS (U-MEST_RB4) -40 (----) 60	
	Caliper 2 (C2) 0 (IN) 20		Data Button 3 – Varies with RBS (U-MEST_RB3) -30 (----) 70	
			Data Button 2 – Varies with	

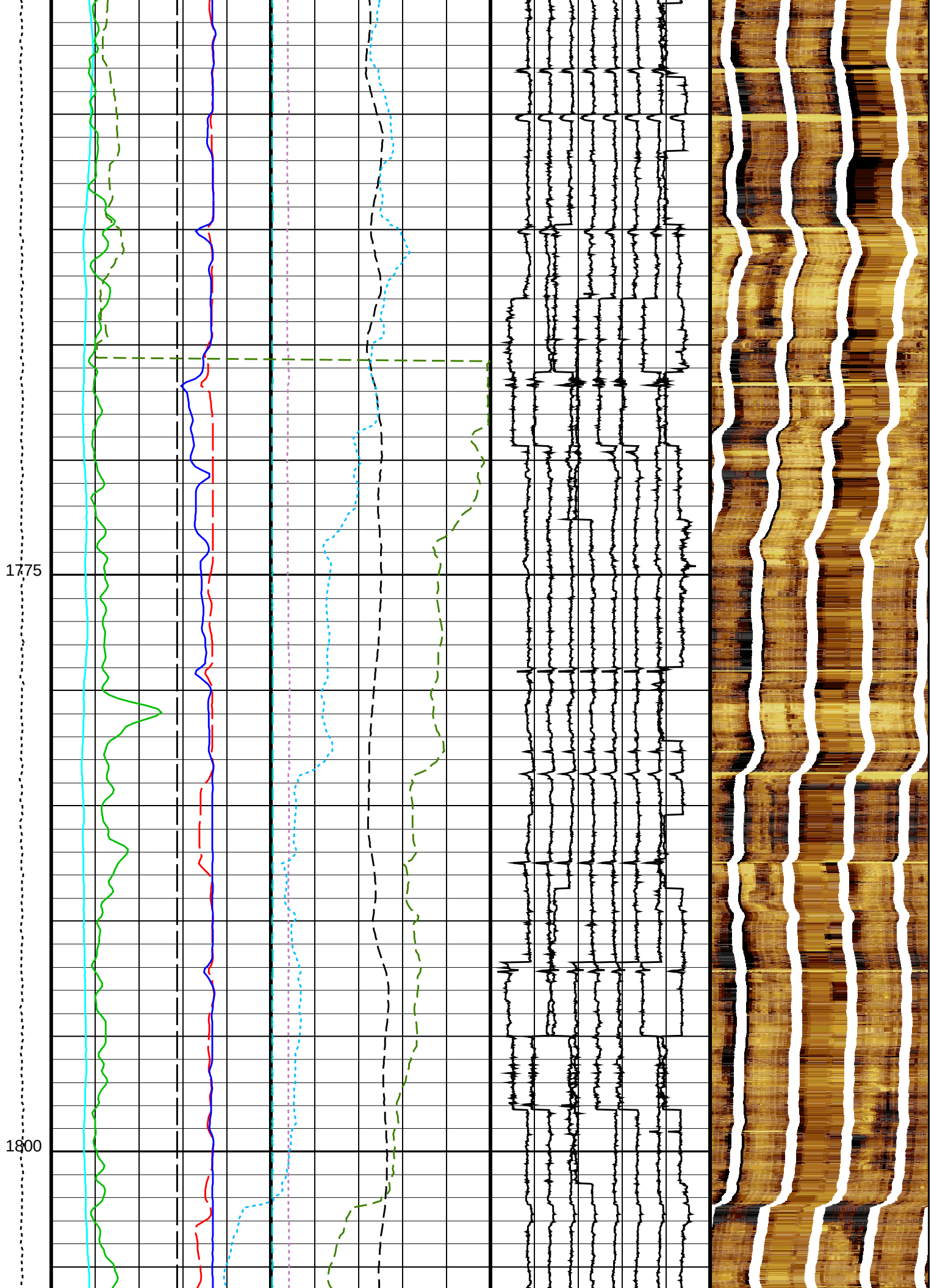


1650

1675

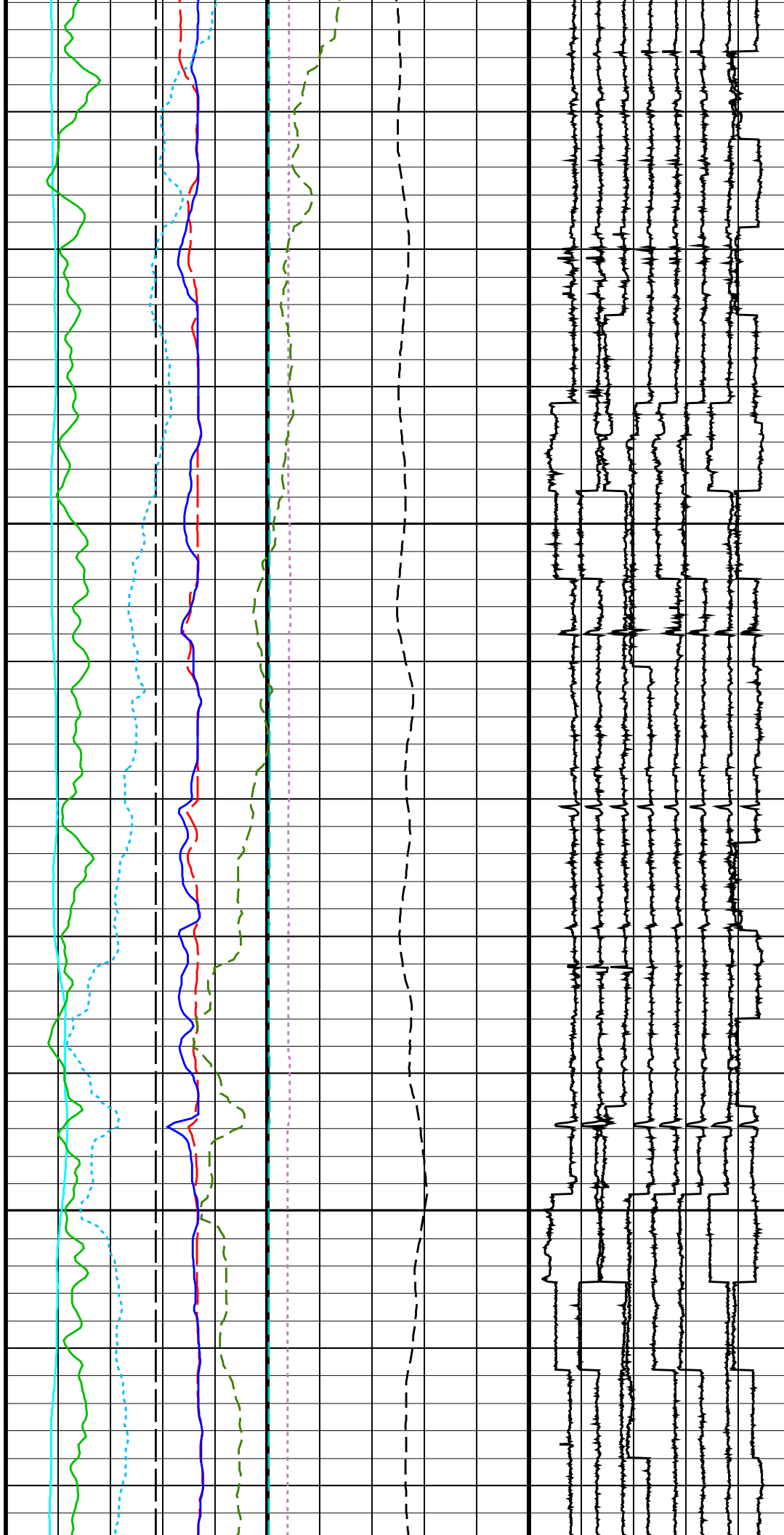






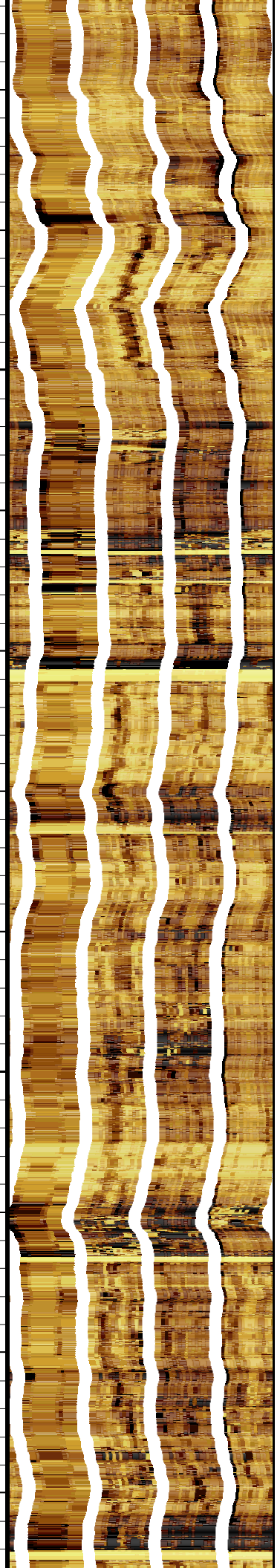
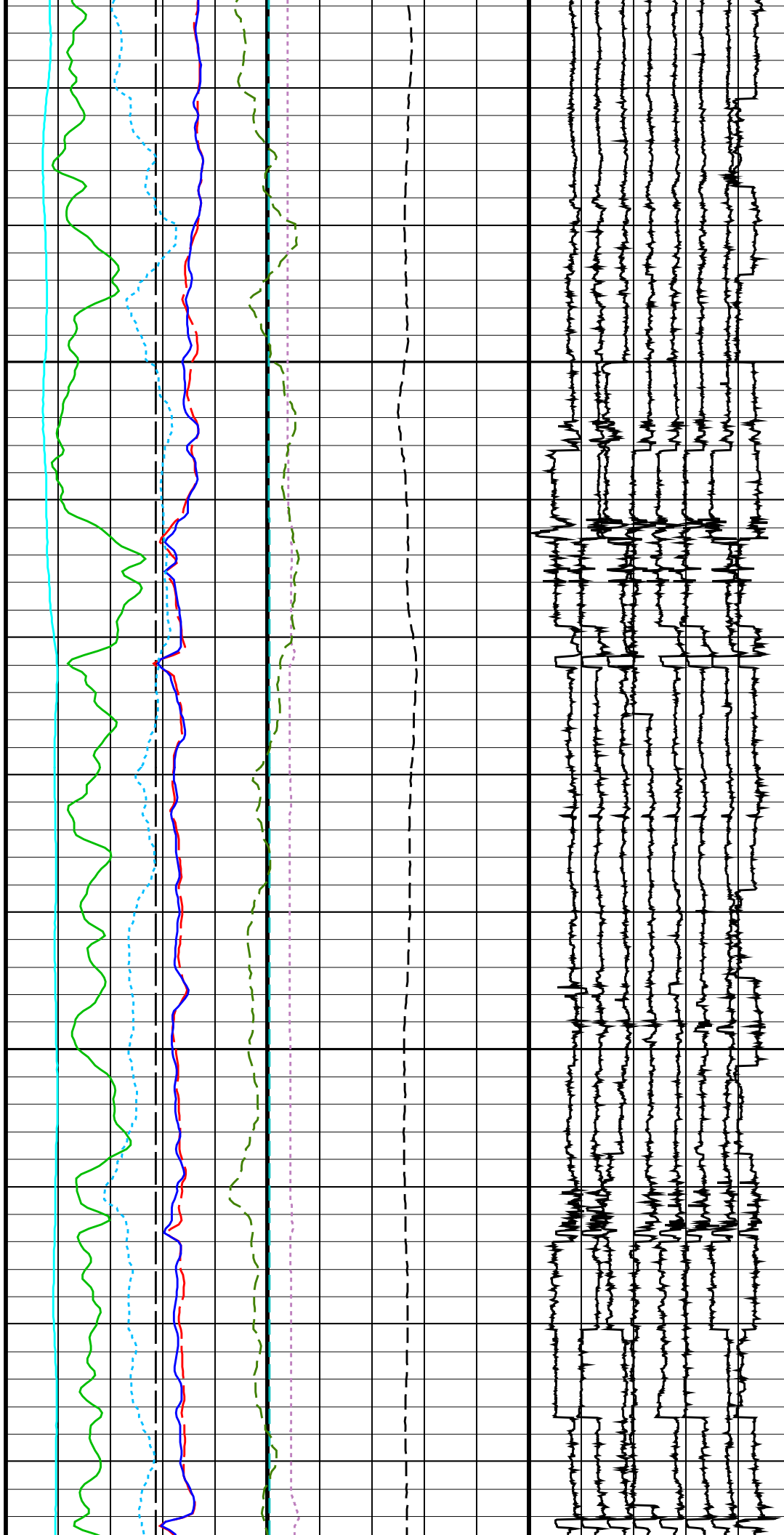
1825

1850



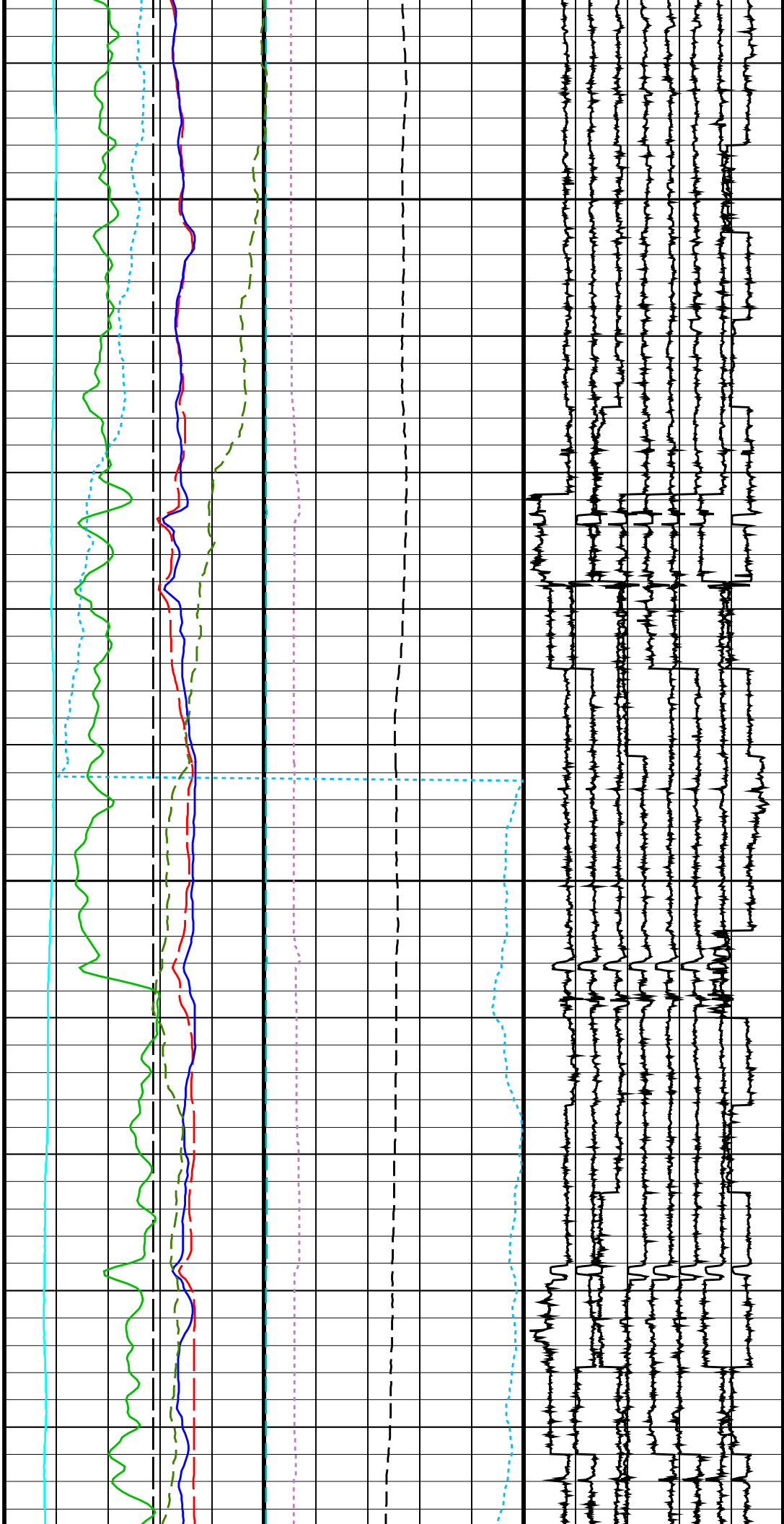
1875

1900



1925

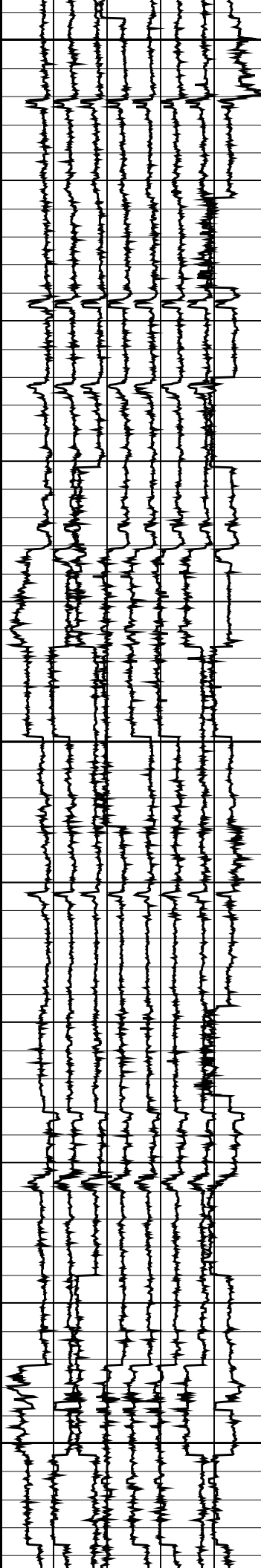
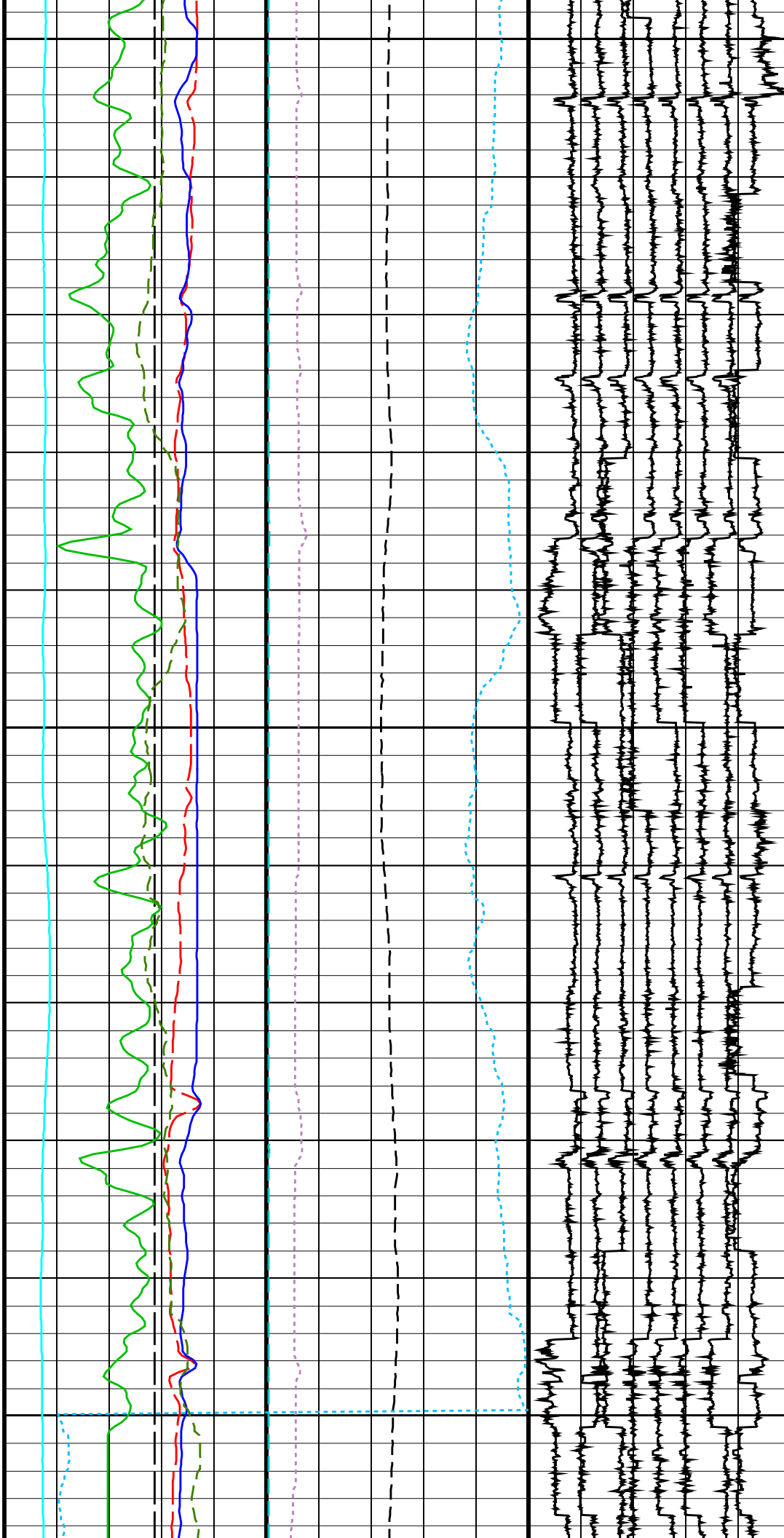
1950

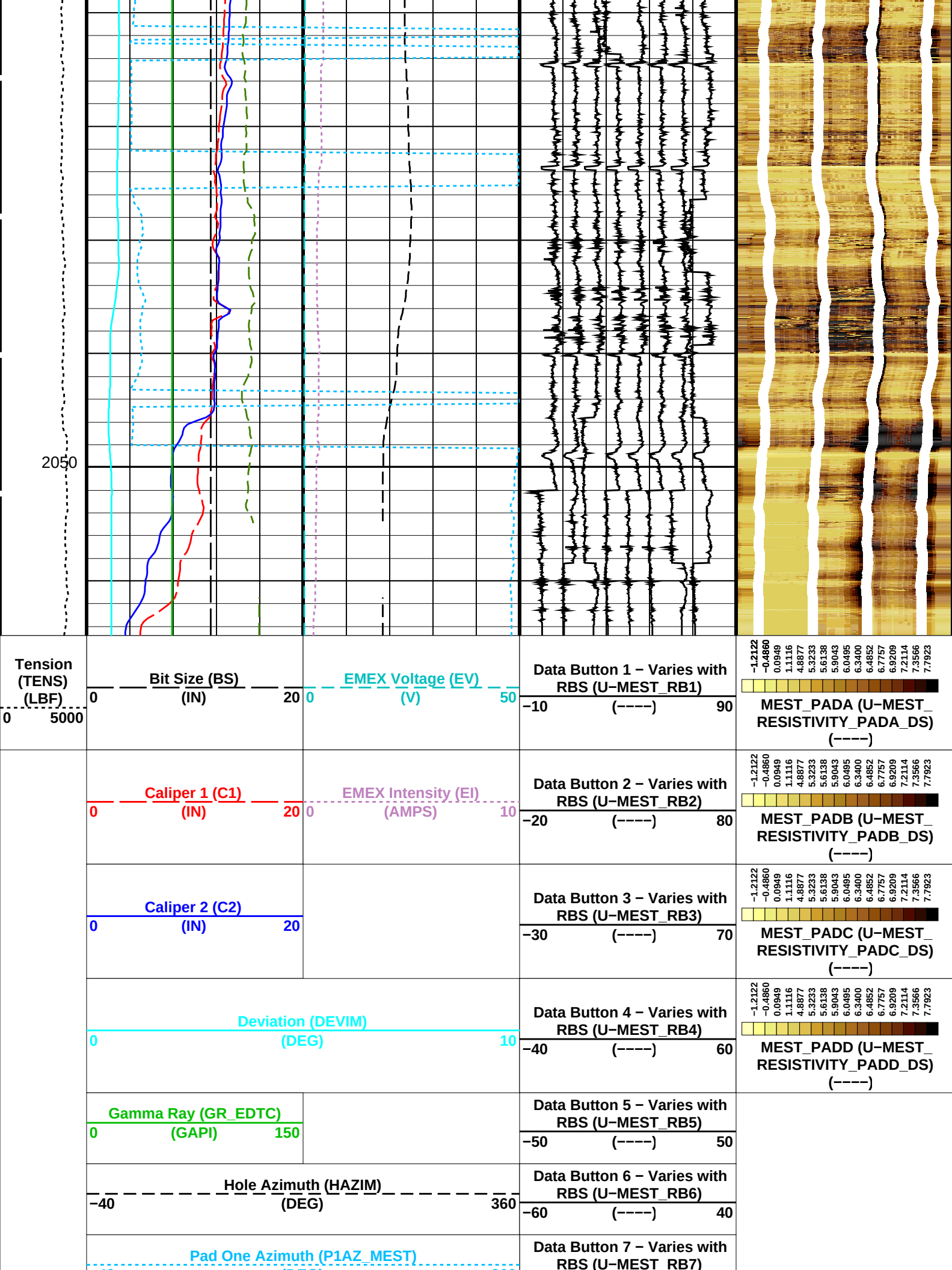


1975

2000

2025





-40	(DEG)	360	-70	(-----)	30
-40	Relative Bearing (RB_MEST) (DEG)	360	Data Button 8 – Varies with RBS (U-MEST_RB8)	-80	(-----) 20

PIP SUMMARY

Time Mark Every 60 S

Parameters			
DLIS Name	Description	Value	
MEST-B: Micro Electrical Scanner – B (Slim)			
AFMO	Accelerometer Filtering Mode	MOVING_AVERAGE	
ICMO	Inclinometry Computation Mode	AUTOMATIC_SELECTION	
MDEC	Magnetic Field Declination	9.09756	DEG
MLM	MEST Logging Mode	SCAN1800	
RBS	Resistivity Button Selection	AUTO	
XGAI	Gain	GAIN_2	
XOFF	Offset	OFFSET_0	
System and Miscellaneous			
BS	Bit Size	11.438	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

Format: MEST_C_WRAP_BY_P1AZ	Vertical Scale: 1:200	Graphics File Created: 04-Oct-2019 06:28
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OP System Version: 19C0-187			
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

Input DLIS Files						
DEFAULT	FMS_DSI_NGS_038PUP	FN:43	PRODUCER	03-Oct-2019 20:51	2057.4 M	1590.8 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_044PUP	FN:49	PRODUCER	04-Oct-2019 06:28		

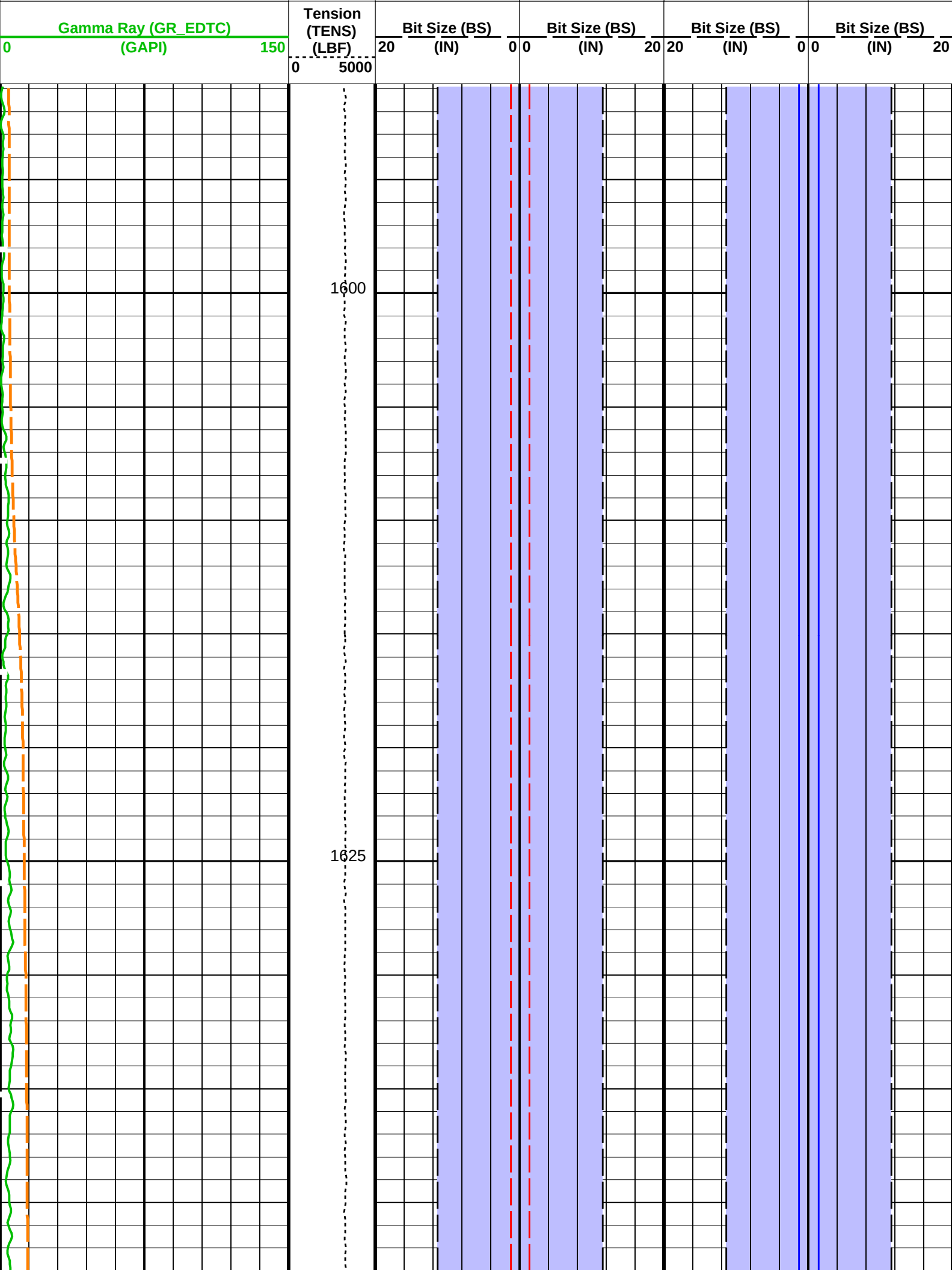
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_038PUP	FN:43	PRODUCER	03-Oct-2019 20:51	2057.4 M	1590.8 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_044PUP	FN:49	PRODUCER	04-Oct-2019 06:28	2057.4 M	1590.8 M

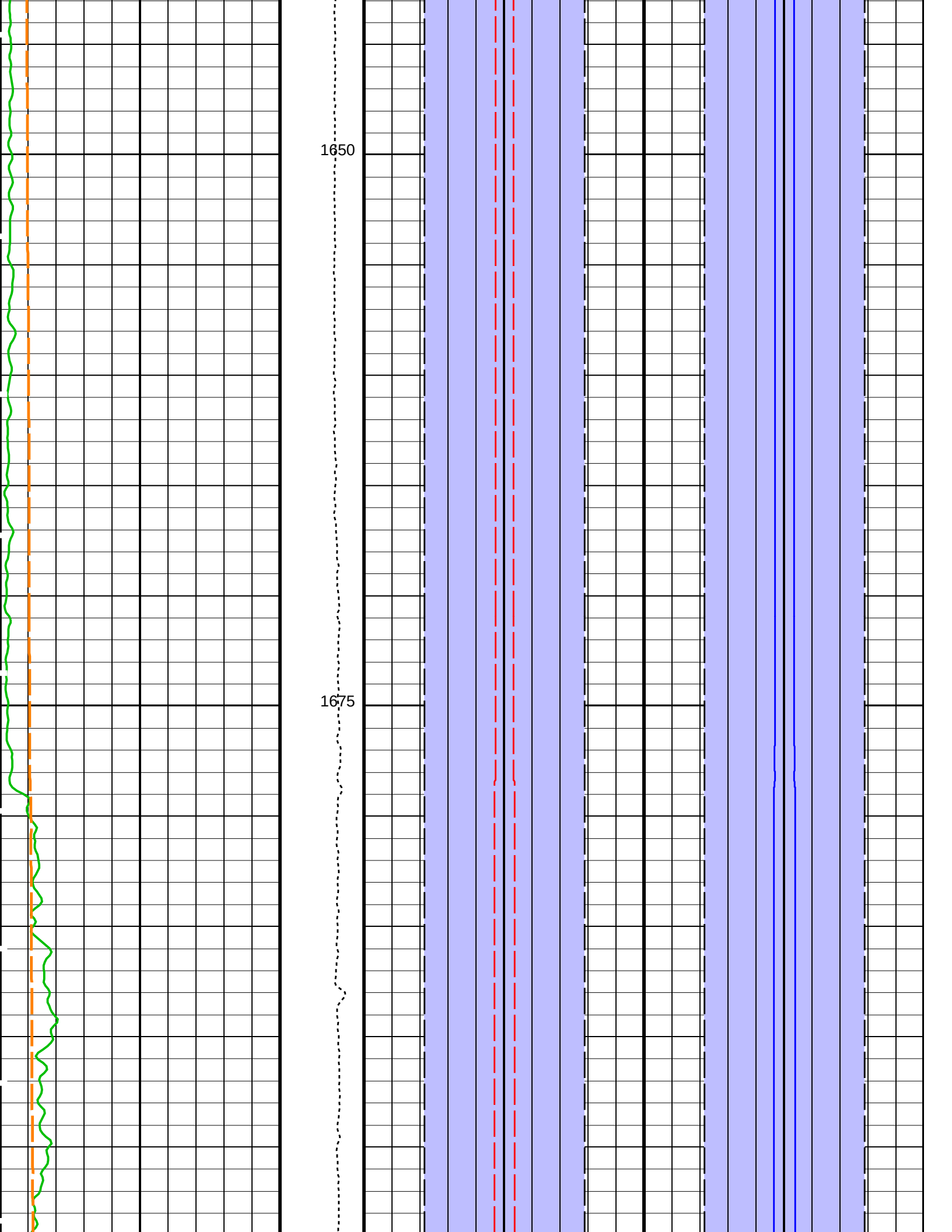
OP System Version: 19C0-187			
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

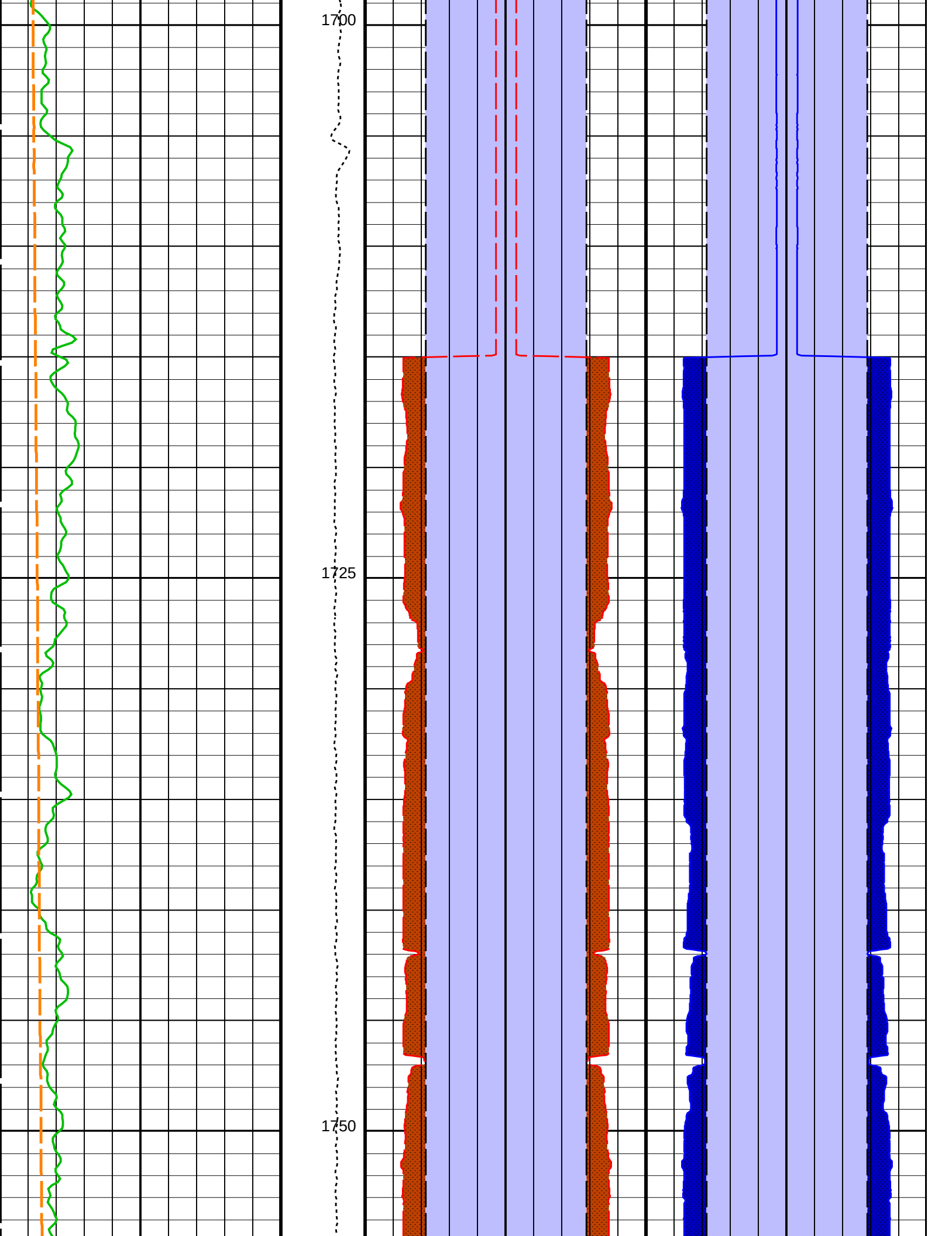
PIP SUMMARY

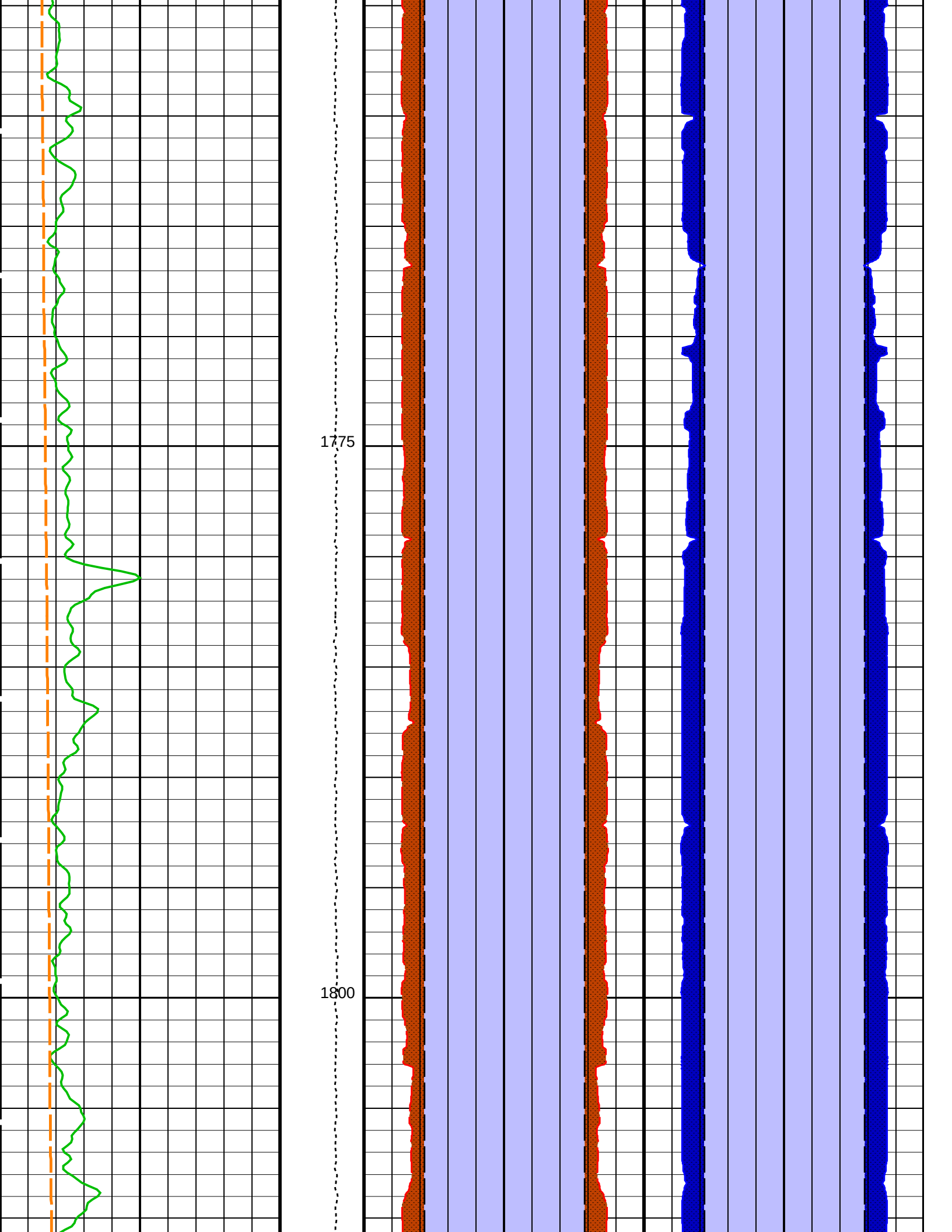
Time Mark Every 60 S

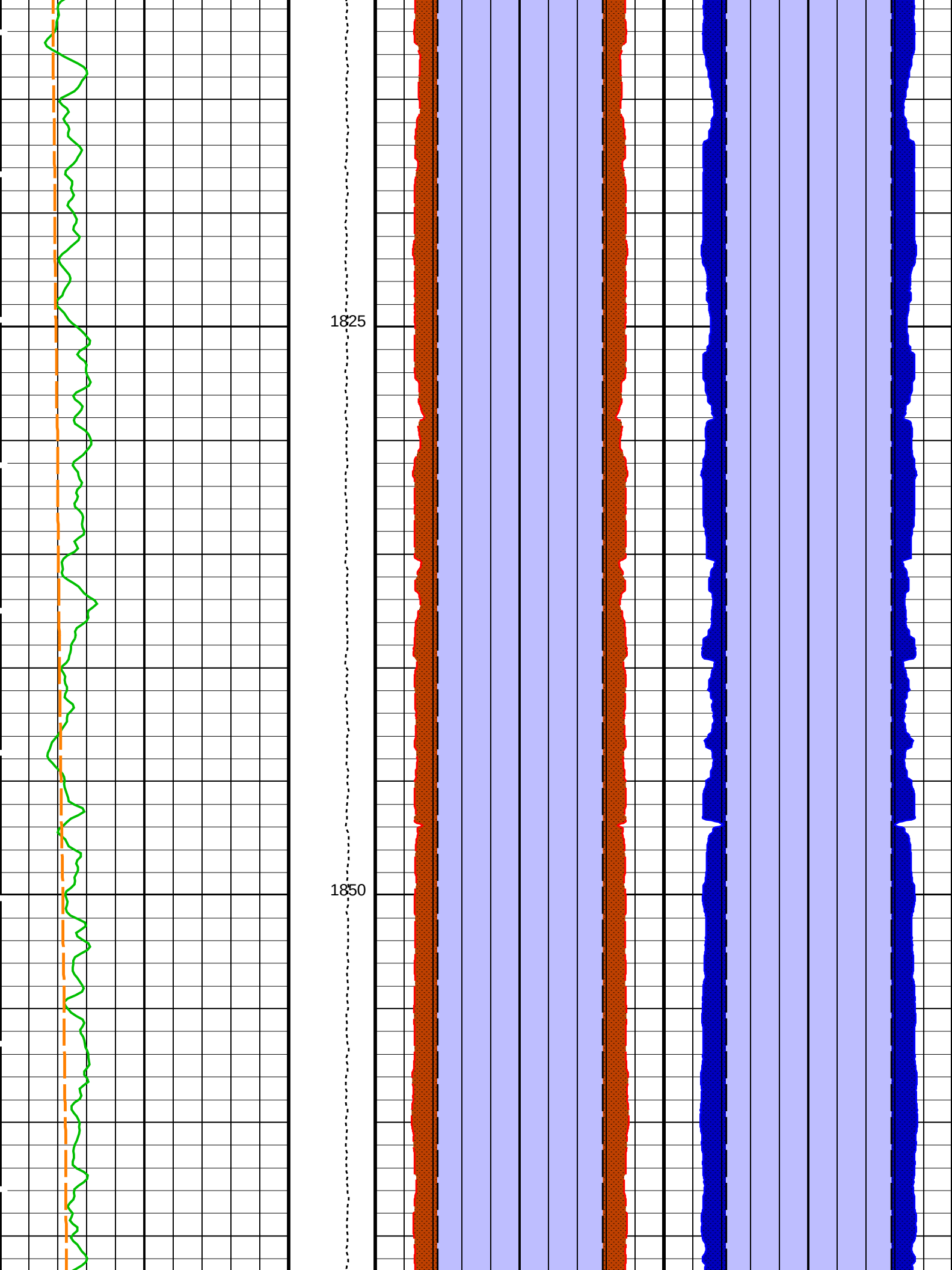
		Area From BS to BS_1		Area From BS_3 to BS_2	
		Area From C1 to BS	Area From BS_1 to C1_1	Area From C2 to BS_3	Area From BS_2 to C2_1
Mud temperature (MTEM) (DEGC)		Caliper 1 (C1) (IN)	Caliper 1 (C1) (IN)	Caliper 2 (C2) (IN)	Caliper 2 (C2) (IN)
0	100	20	0 0	20	0 0

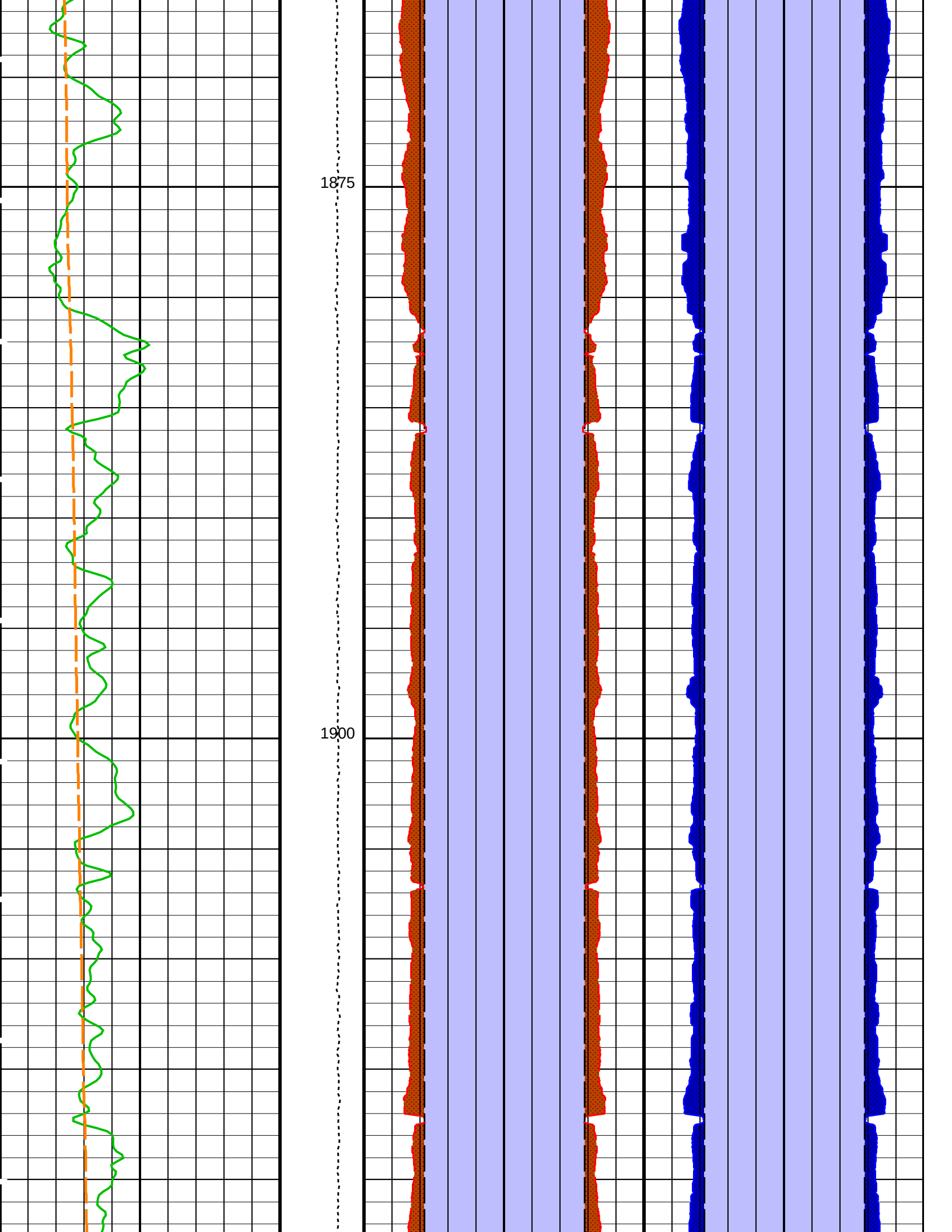


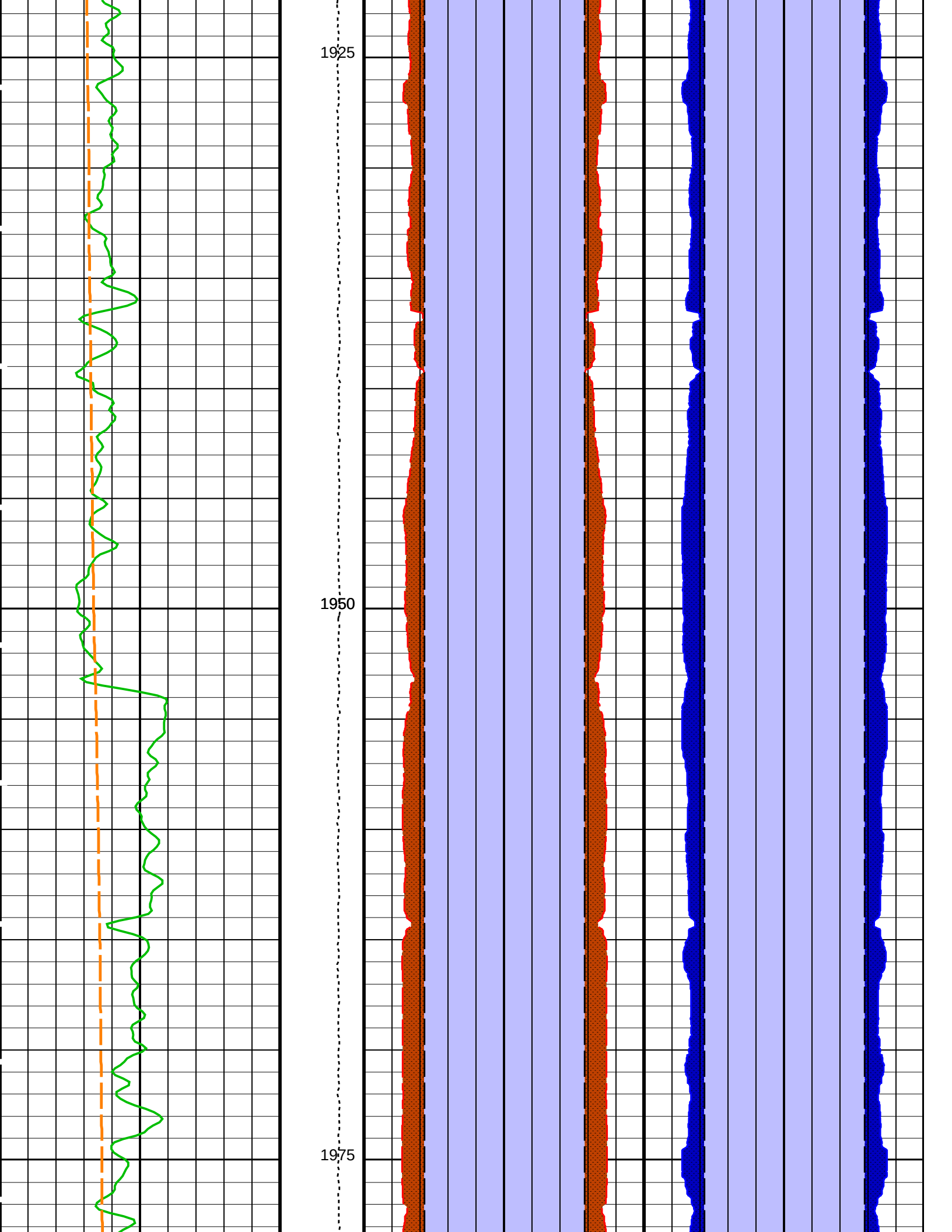


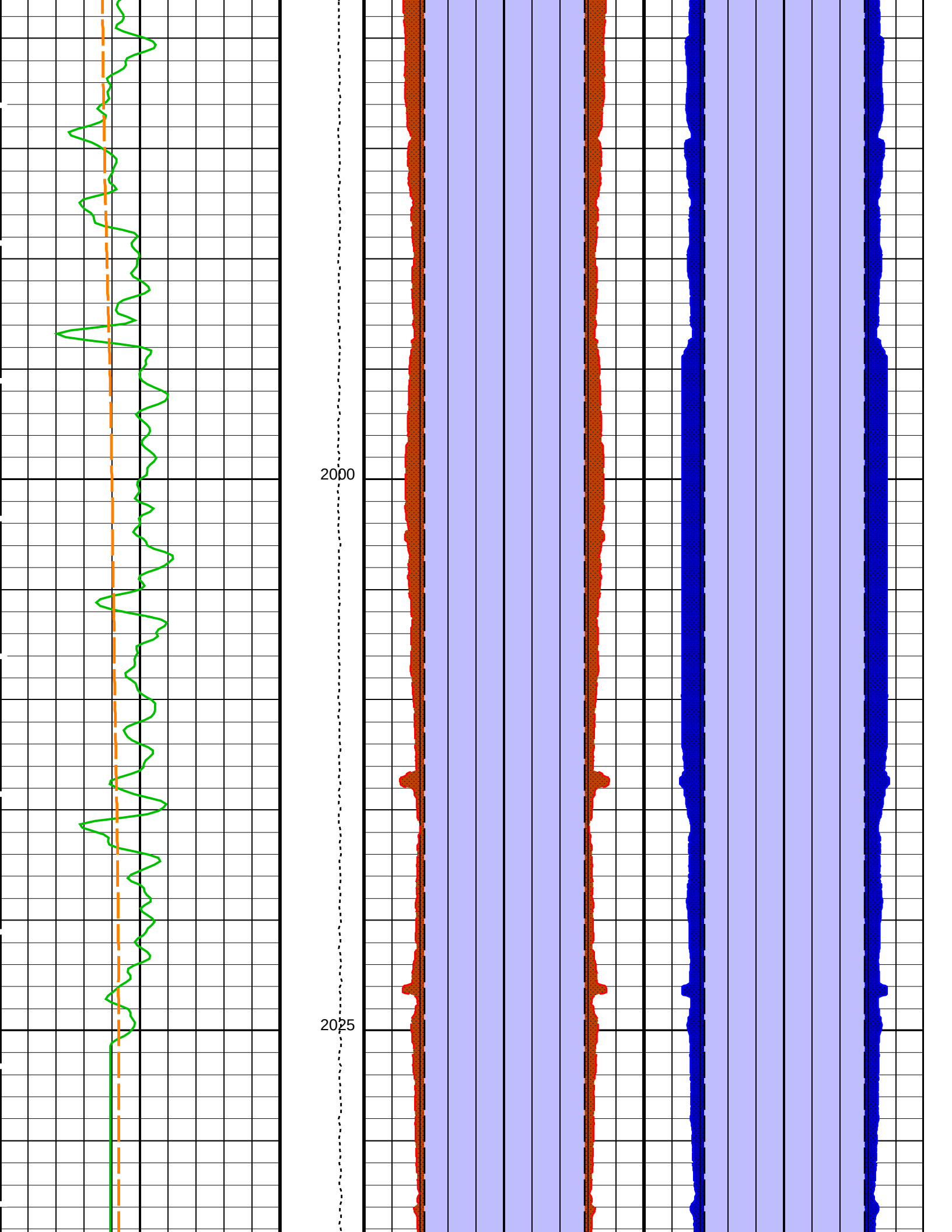


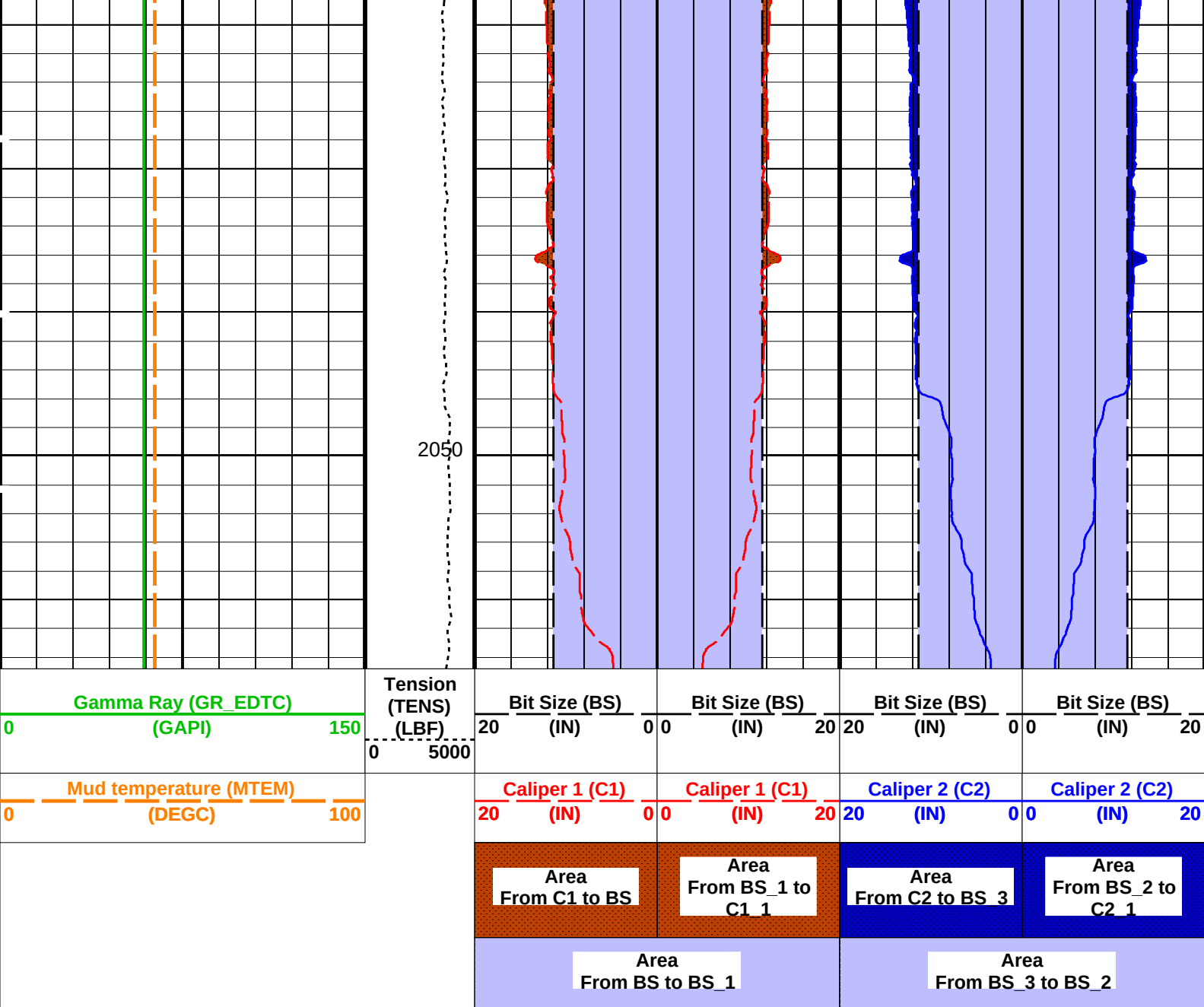












Time Mark Every 60 S

Parameters			
DLIS Name	Description	Value	
System and Miscellaneous			
BS	Bit Size	11.438	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

Format: BHP Vertical Scale: 1:200 Graphics File Created: 04-Oct-2019 06:28

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

Input DLIS Files			
DEFAULT	FMS_DSI_NGS_038PUP	FN:43 PRODUCER	03-Oct-2019 20:51 2057.4 M 1590.8 M
Output DLIS Files			

Schlumberger

First Pass
1:200 Scale

MAXIS Field Log

Input DLIS Files

DEFAULT	FMS_DSI_NGS_037PUP	FN:42	PRODUCER	03-Oct-2019 20:50	2078.0 M	1715.6 M
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Output DLIS Files

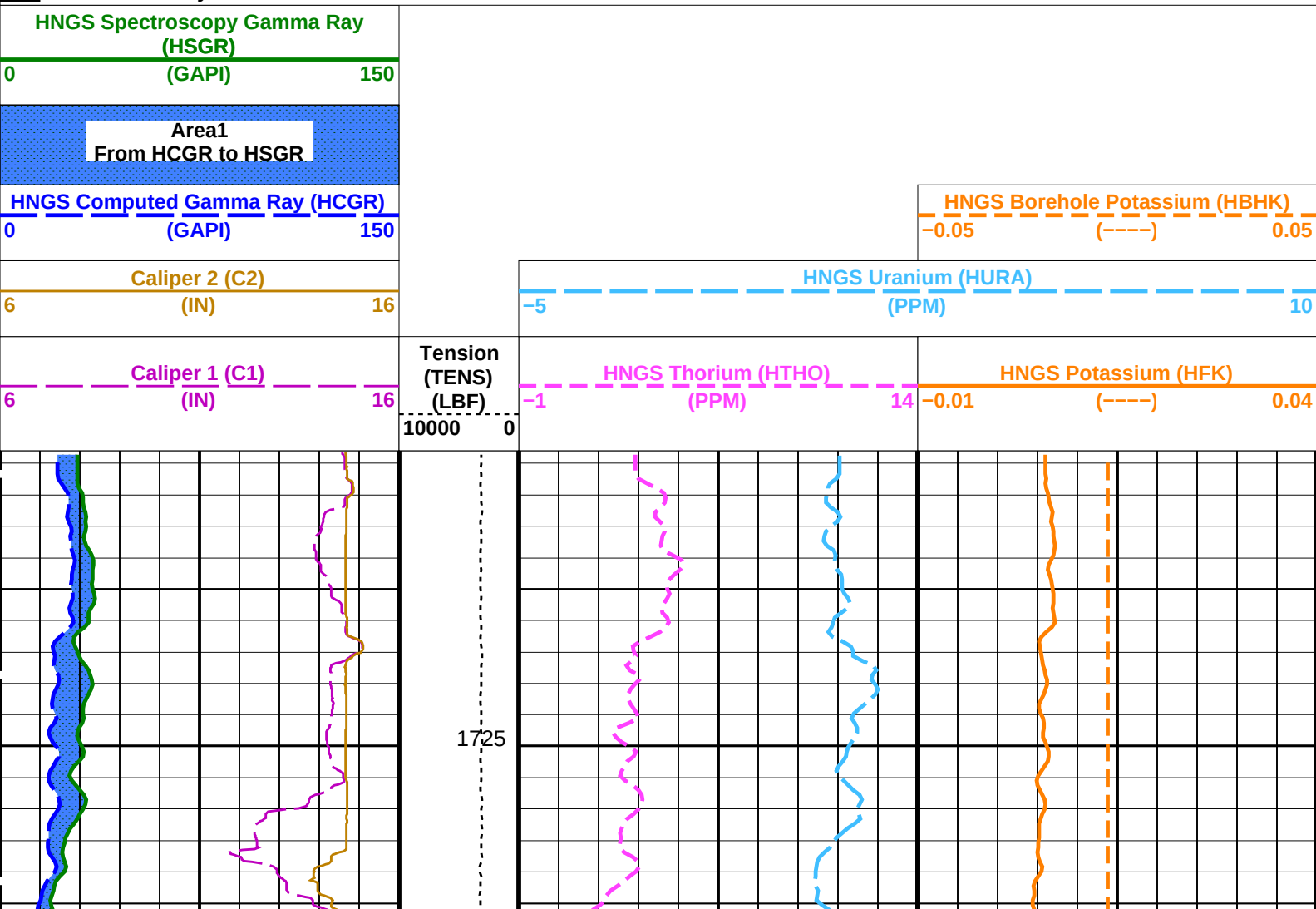
DEFAULT	FMS_DSI_NGS_043PUP	FN:48	PRODUCER	04-Oct-2019 06:27	2078.0 M	1715.6 M
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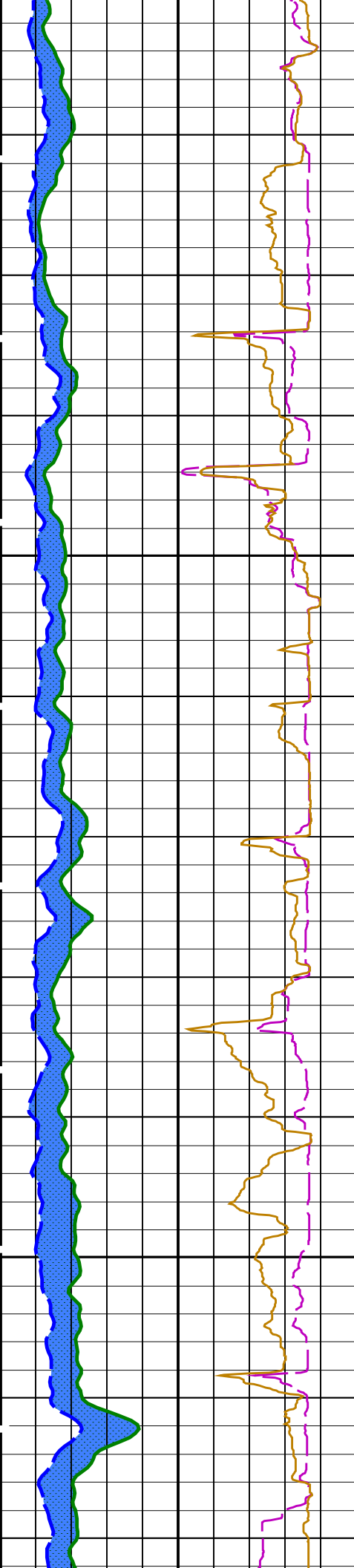
OP System Version: 19C0-187

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

PIP SUMMARY

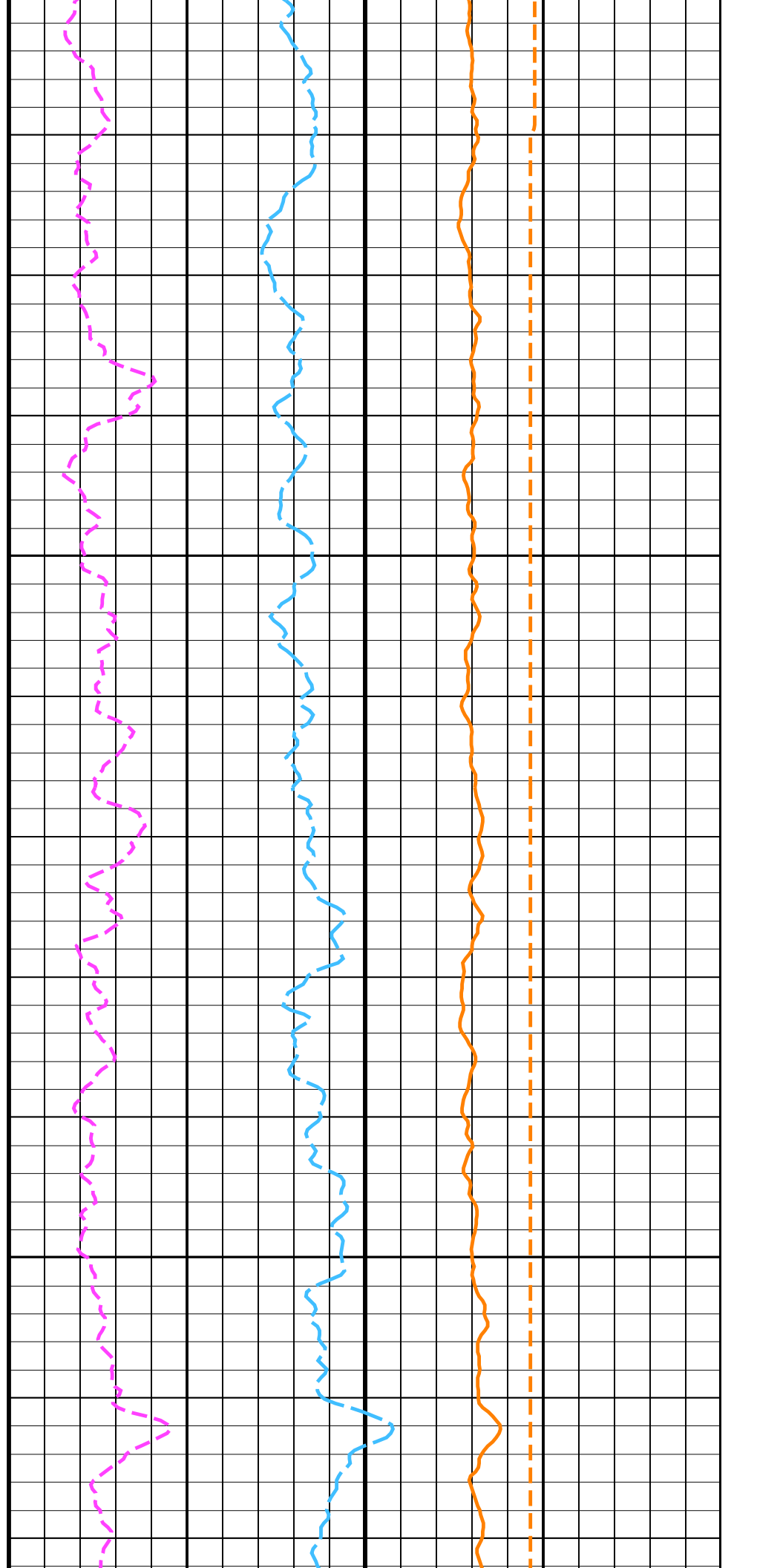
Time Mark Every 60 S

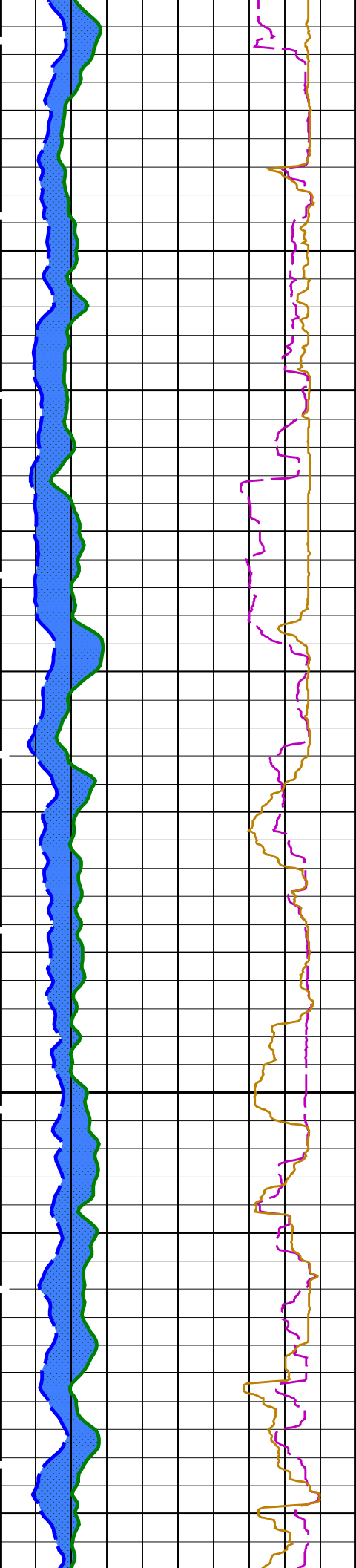




1750

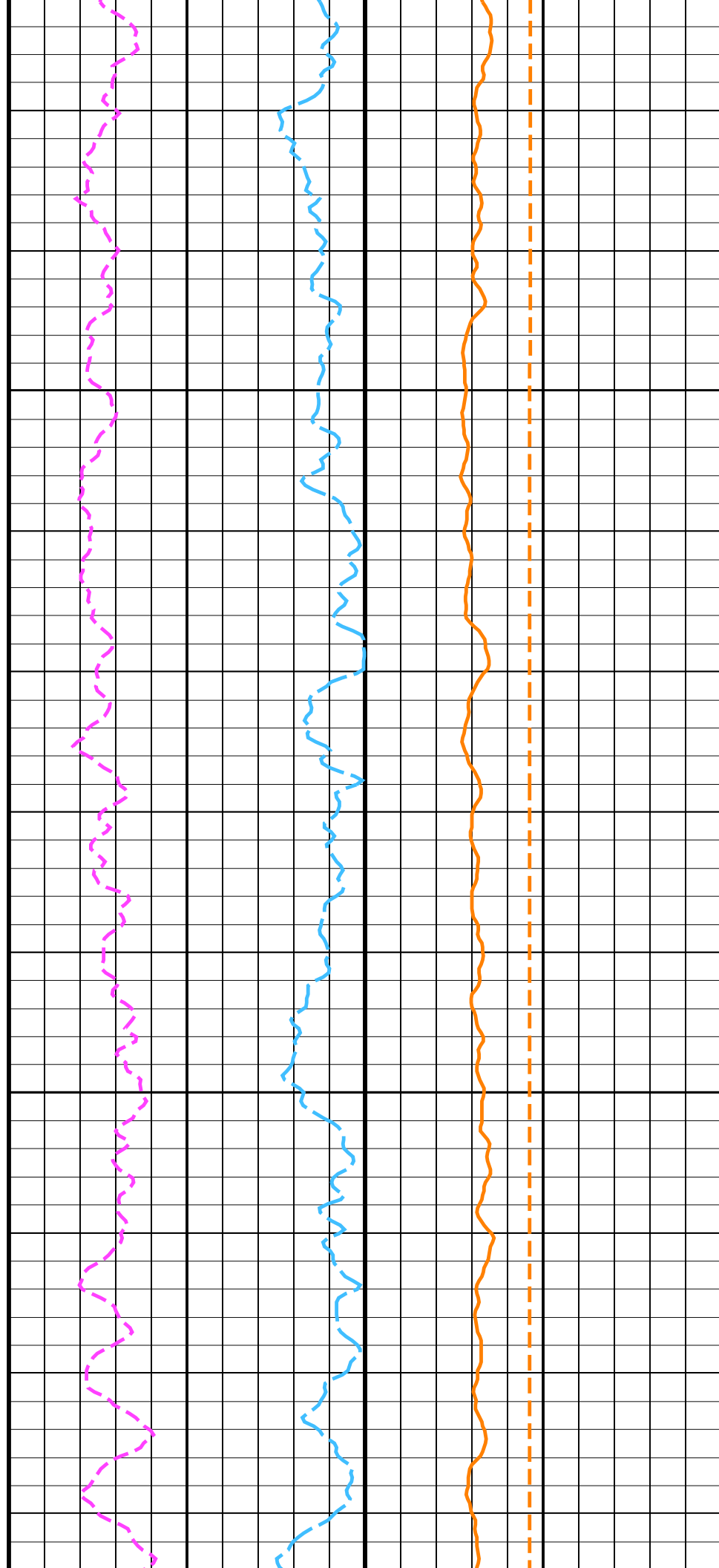
1775

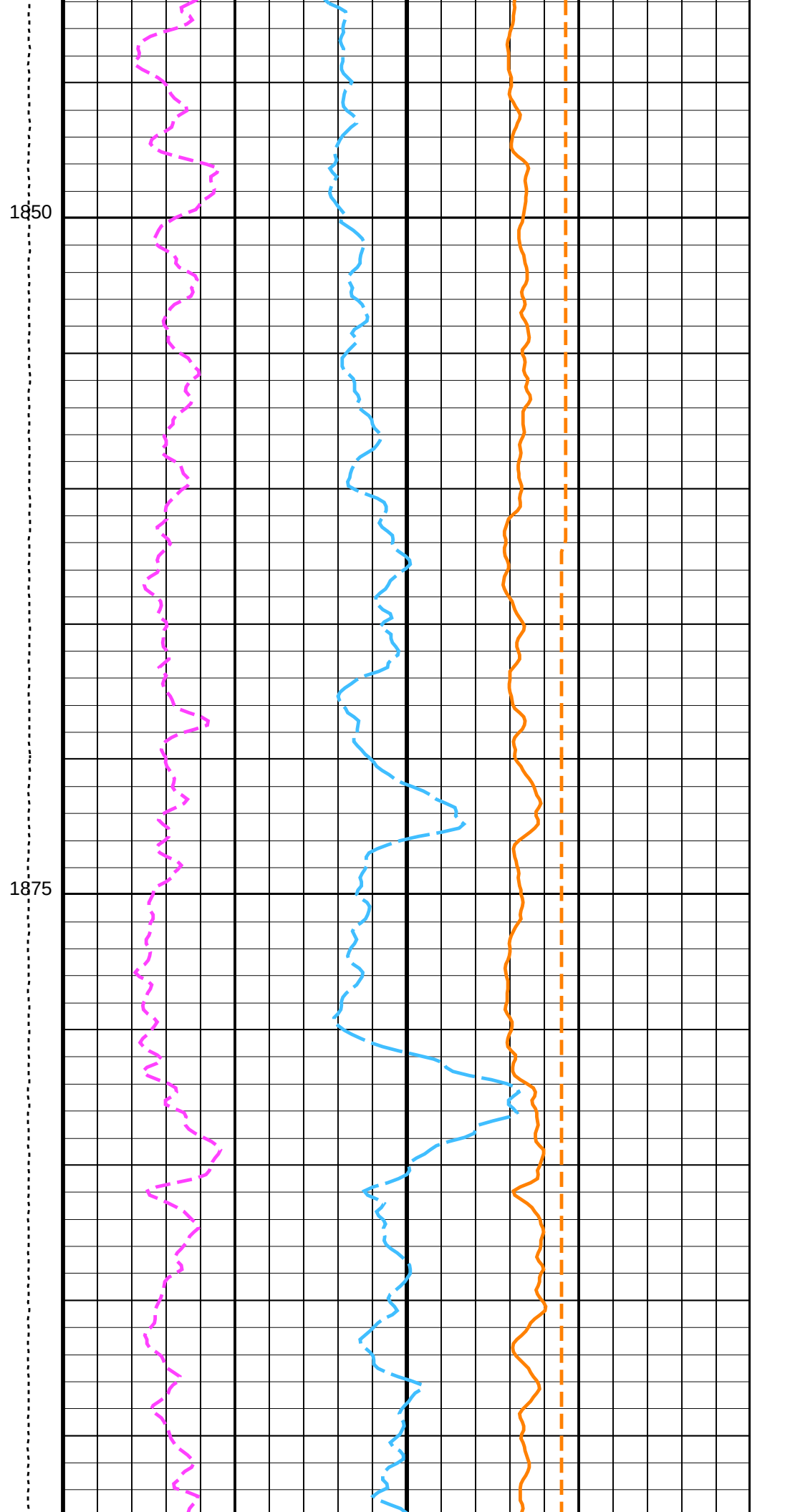
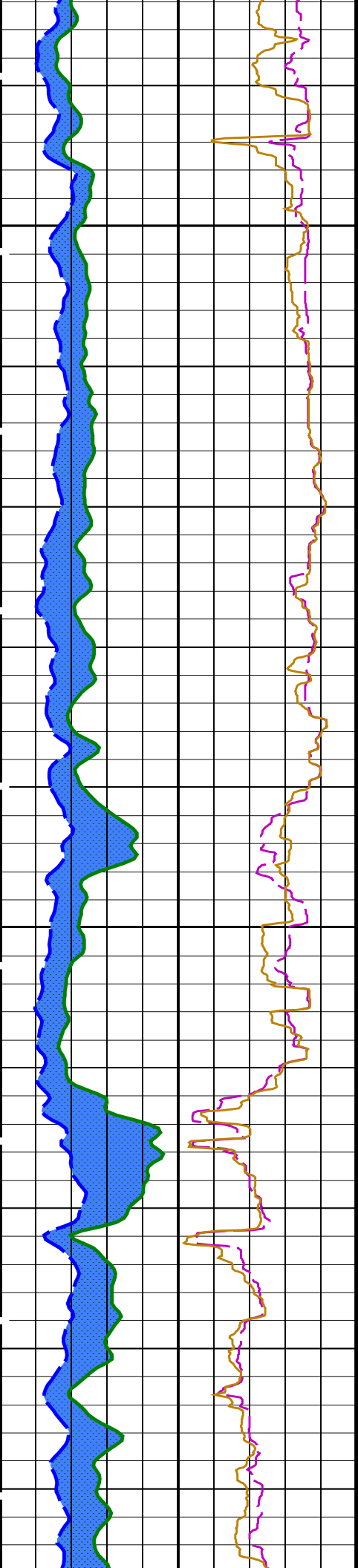


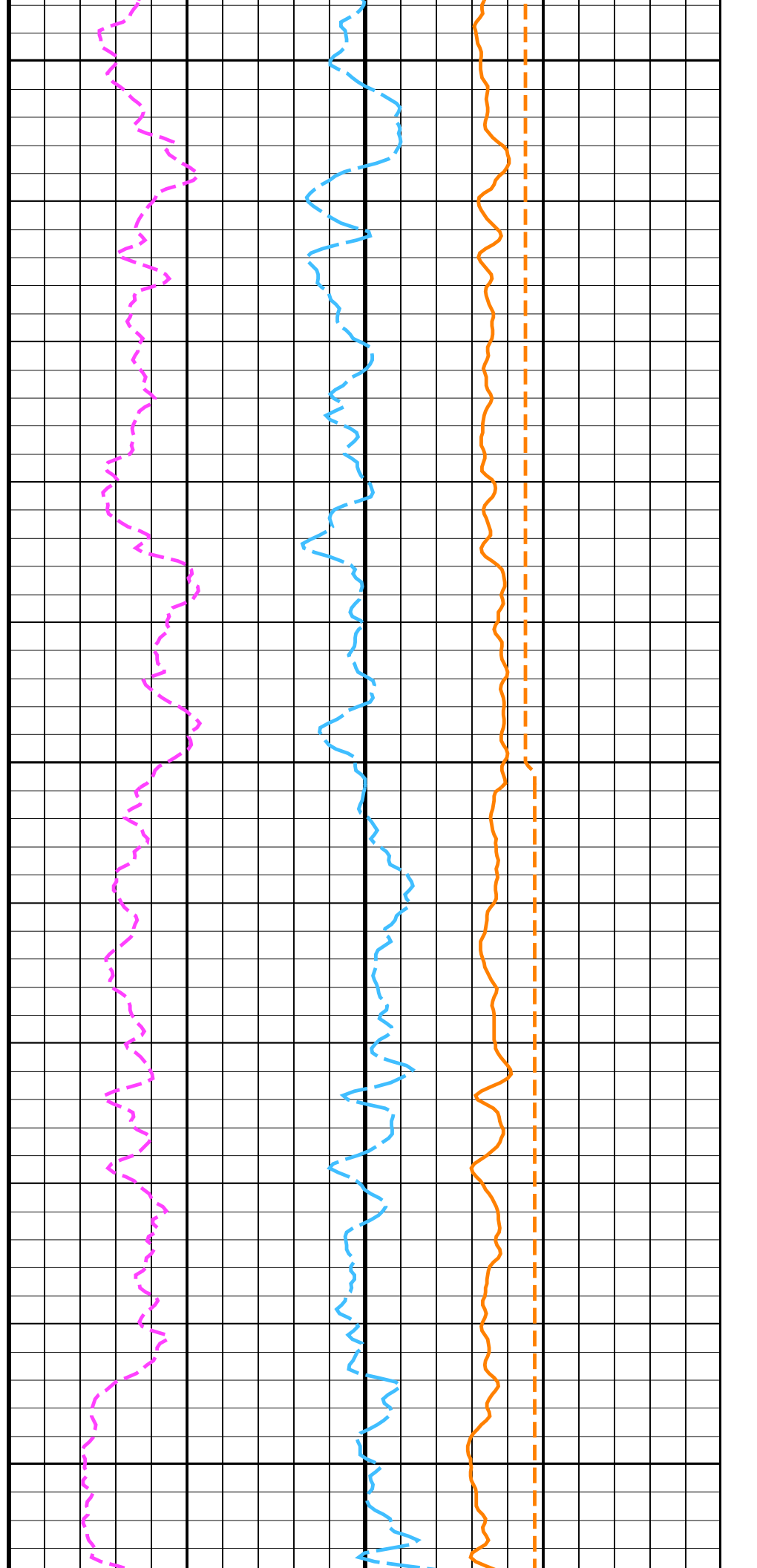
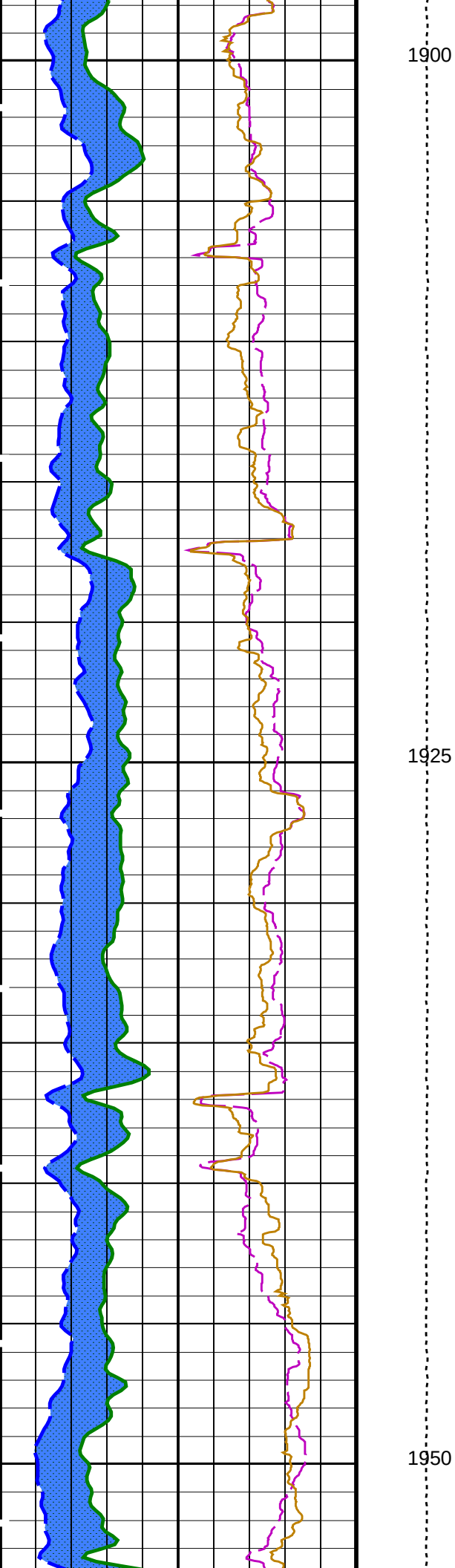


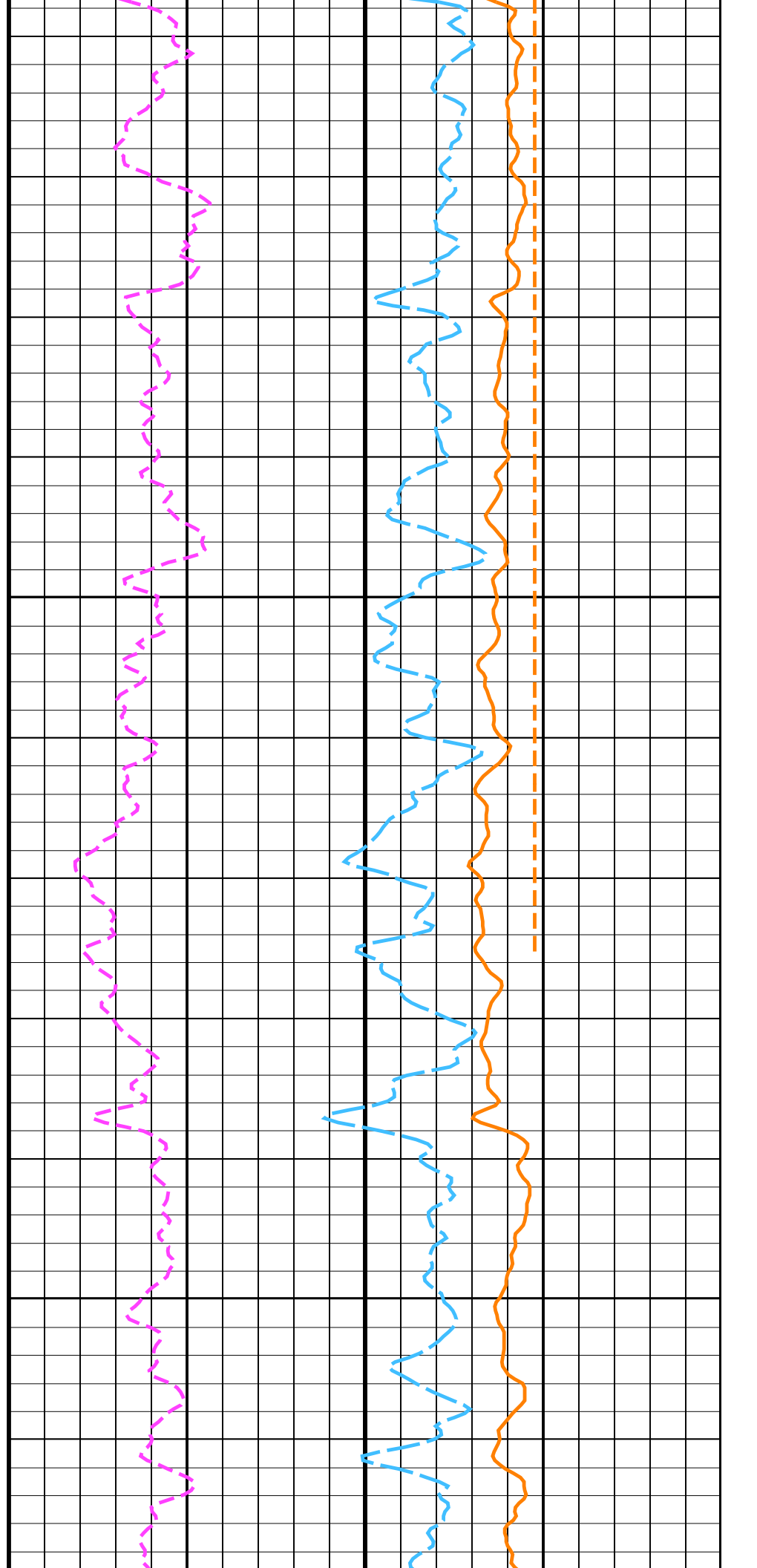
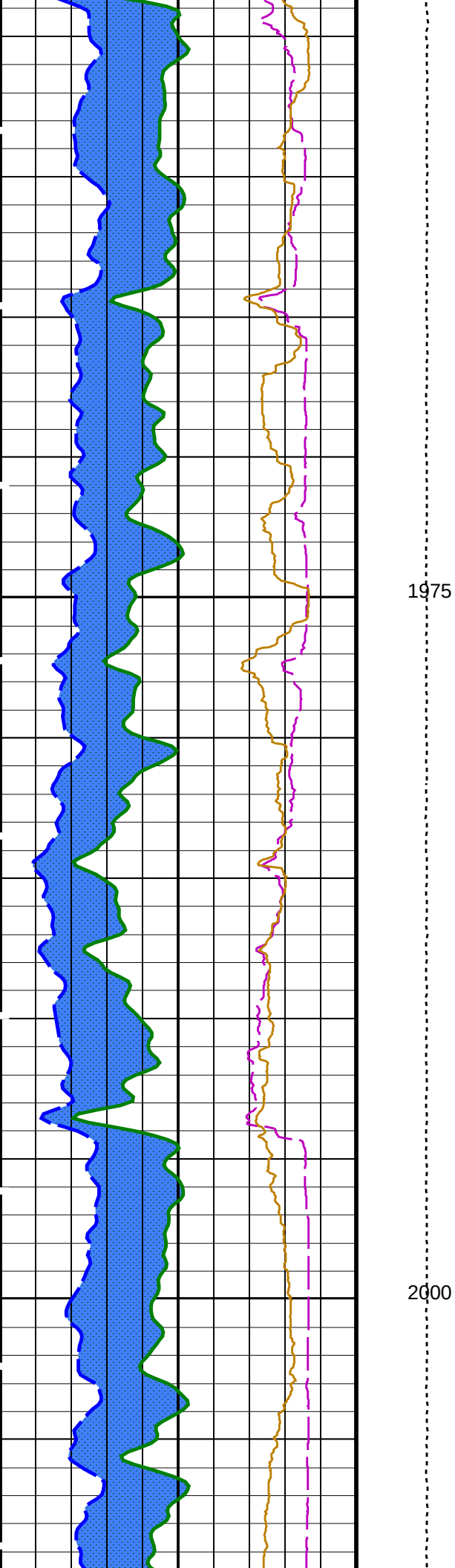
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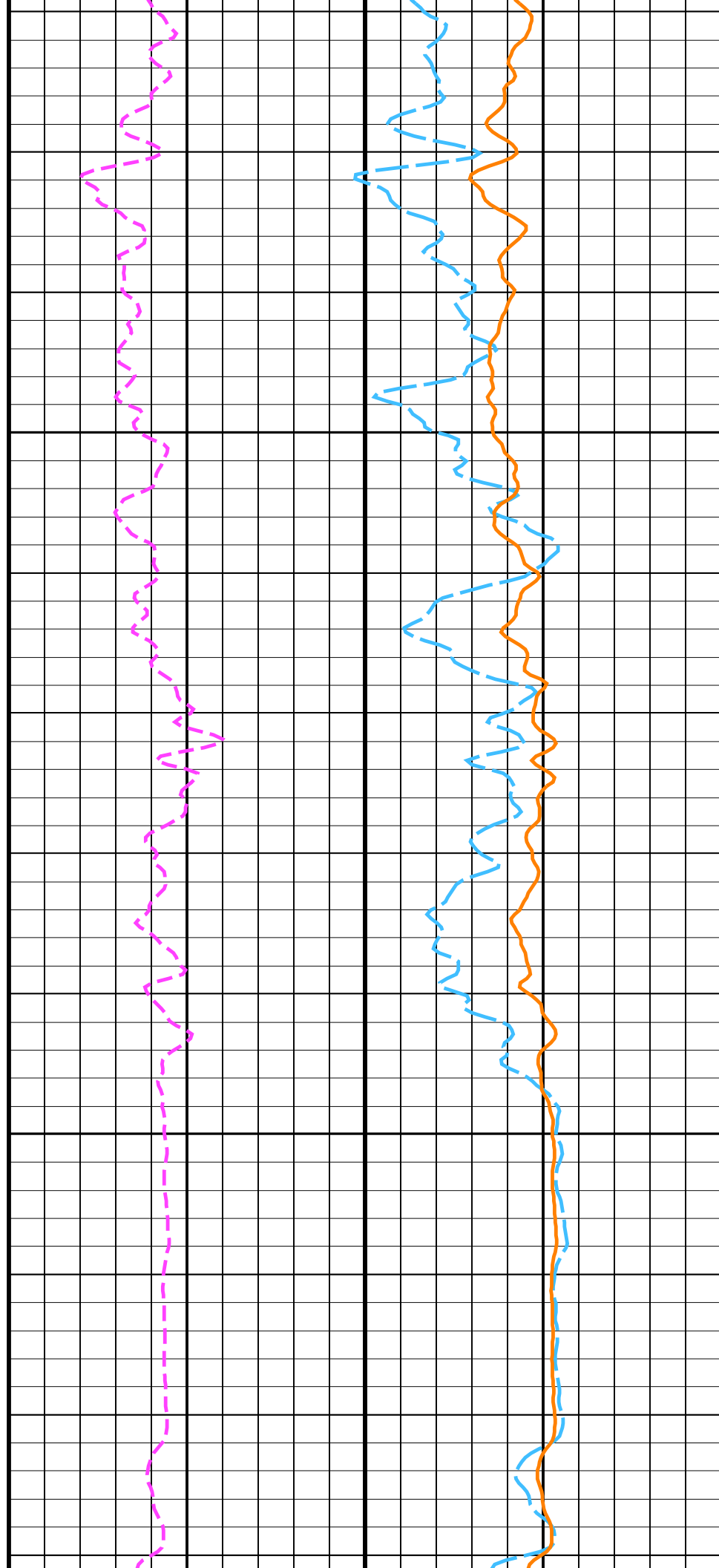
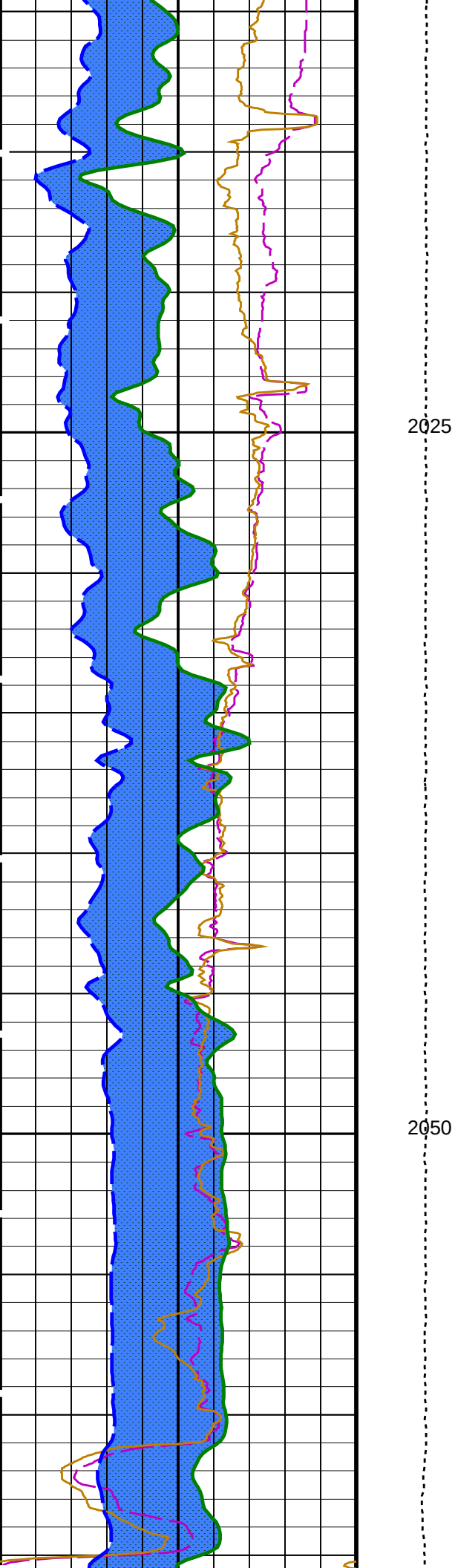
1825

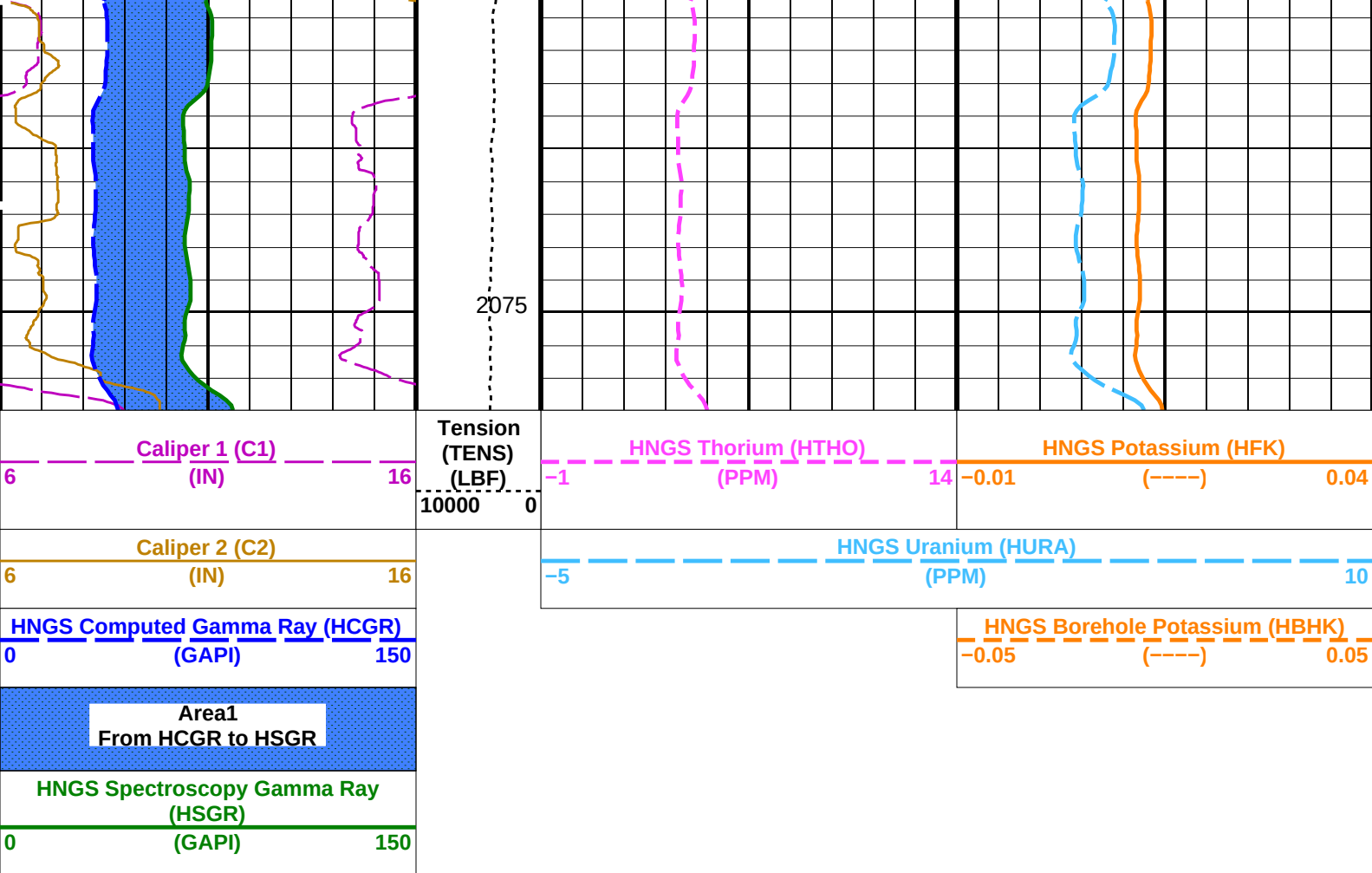












PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
BHS	DSST-B: Dipole Shear Imager - B	
GCSE	Borehole Status	OPEN
	Generalized Caliper Selection	C1
	HNGS-BA: Hostile Natural Gamma Ray Sonde	
BAR1	HNGS Detector 1 Barite Constant	1
BAR2	HNGS Detector 2 Barite Constant	1
BHK	HNGS Borehole Potassium Correction Concentration	0
BHS	Borehole Status	OPEN
CSD1	Inner Casing Outer Diameter	0 IN
CSD2	Outer Casing Outer Diameter	0 IN
CSW1	Inner Casing Weight	0 LB/F
CSW2	Outer Casing Weight	0 LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE
GCSE	Generalized Caliper Selection	C1
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW
HABK	HNGS Borehole Potassium Running Average	-0.0108373
HALF	HNGS Alpha Filter Length	60 IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE
HMWM	Mud Weighting Material	BARI
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	1.01787
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.01971
	EDTC-B: Enhanced DTS Cartridge	
BHS	Borehole Status	OPEN
GCSE	Generalized Caliper Selection	C1
	System and Miscellaneous	
BS	Bit Size	11.438 IN
DO	Depth Offset for Playback	0.0 M
PP	Playback Processing	RECOMPUTE

OP System Version: 19C0-187

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

Input DLIS Files

DEFAULT	FMS_DSI_NGS_037PUP	FN:42	PRODUCER	03-Oct-2019 20:50	2078.0 M	1715.6 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_043PUP	FN:48	PRODUCER	04-Oct-2019 06:27
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Company: International Ocean Discovery Program

Well: Expedition 385, Site U1545A

Input DLIS Files

DEFAULT	FMS_DSI_NGS_037PUP	FN:42	PRODUCER	03-Oct-2019 20:50	2078.0 M	1715.6 M
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Output DLIS Files

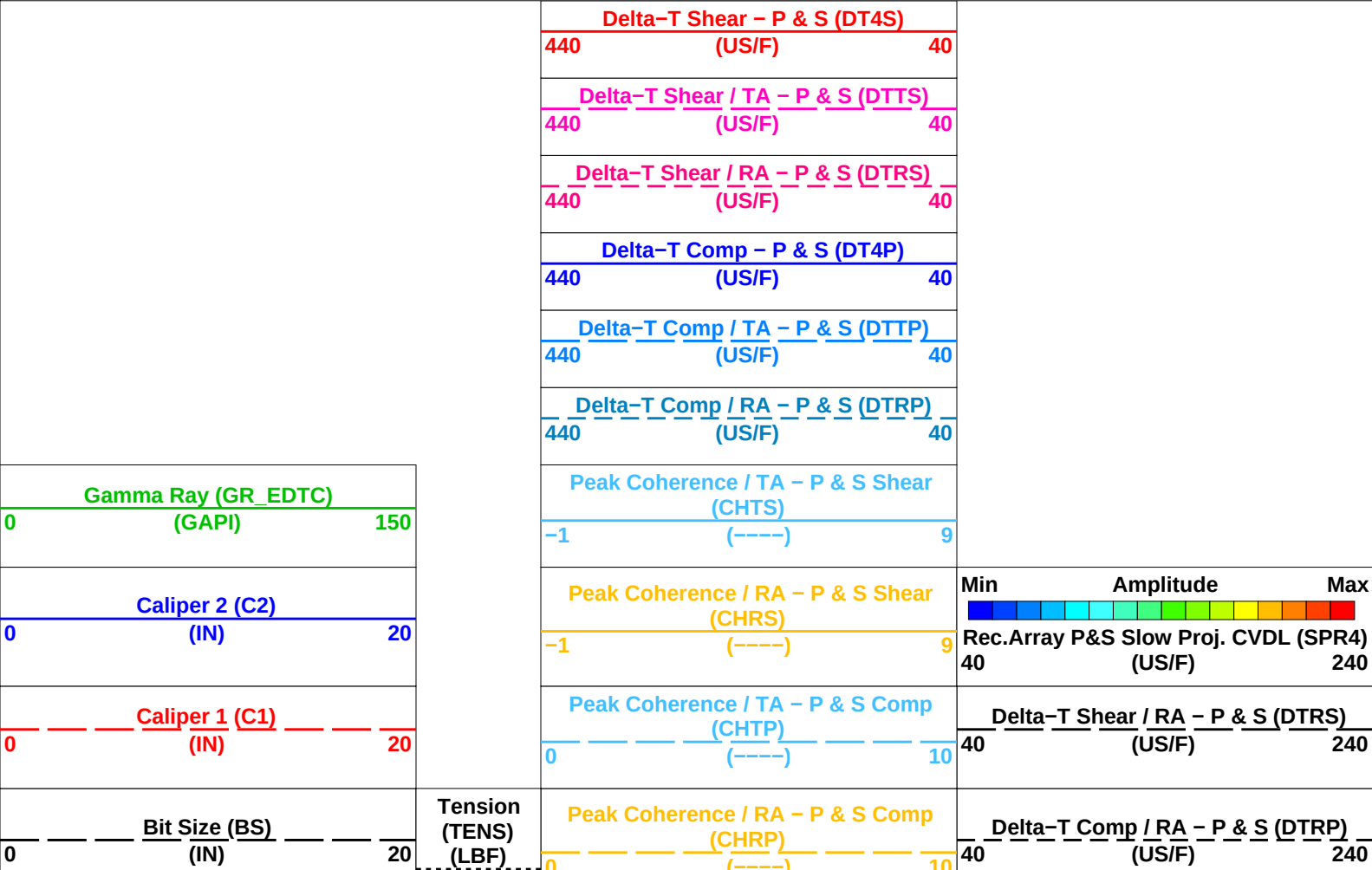
DEFAULT	FMS_DSI_NGS_043PUP	FN:48	PRODUCER	04-Oct-2019 06:27	2078.0 M	1715.6 M
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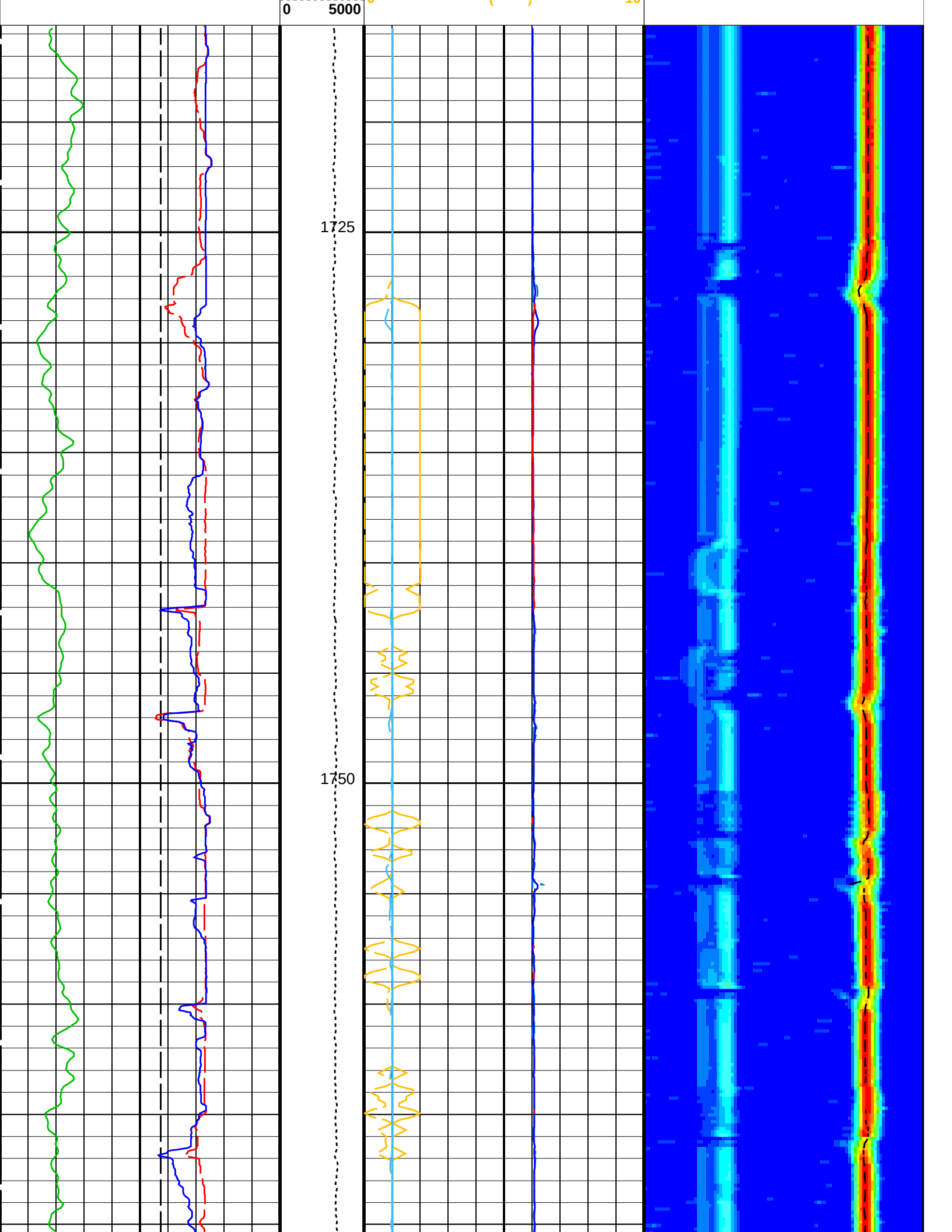
OP System Version: 19C0-187

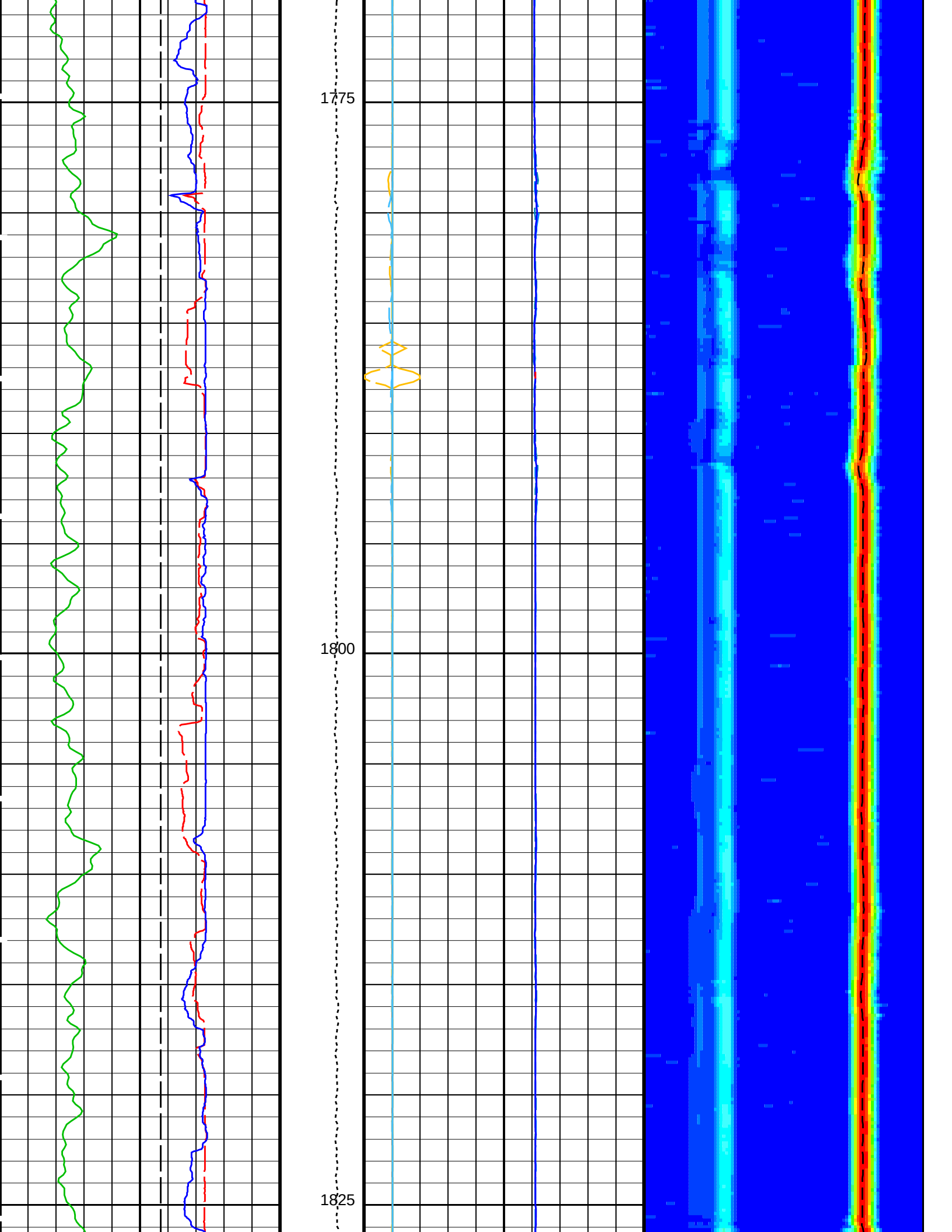
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

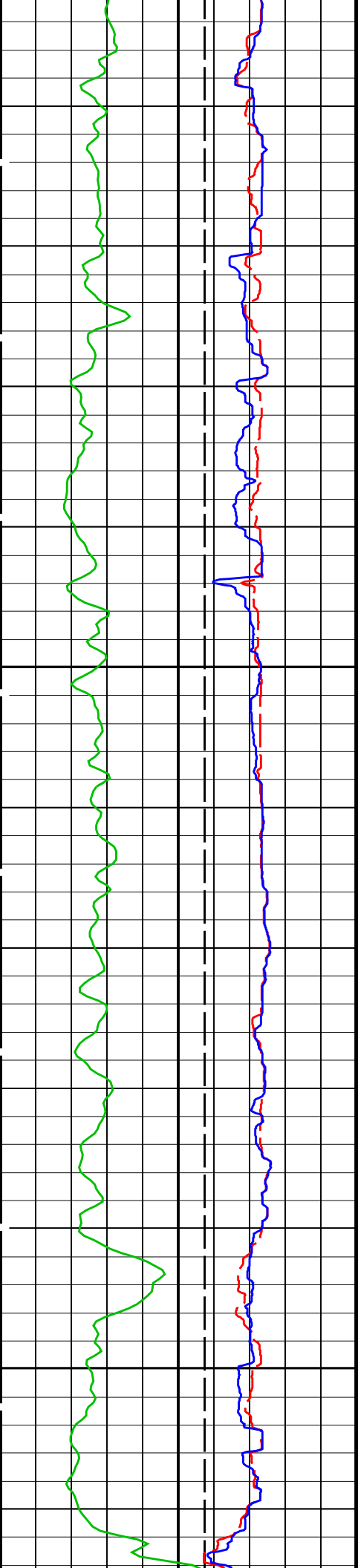
PIP SUMMARY

 Time Mark Every 60 S



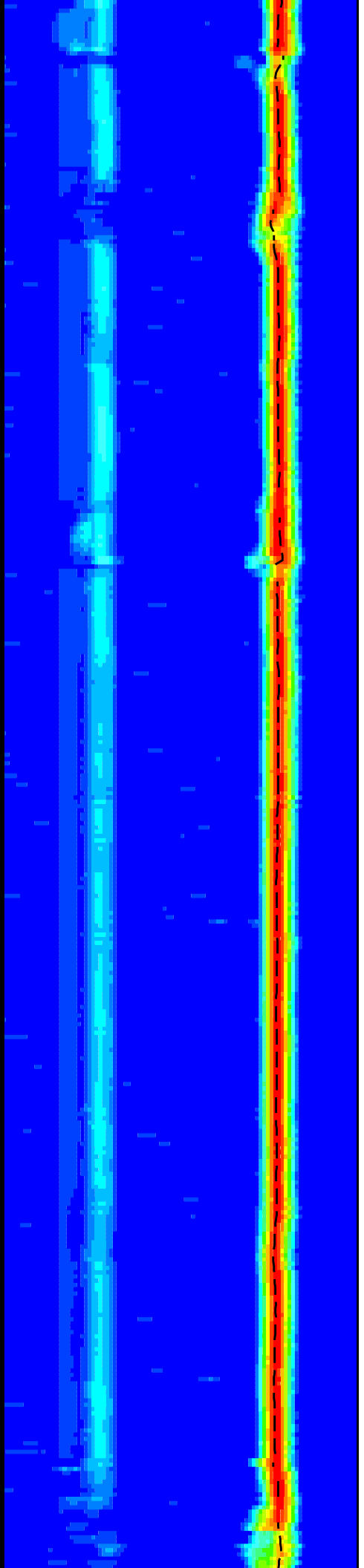
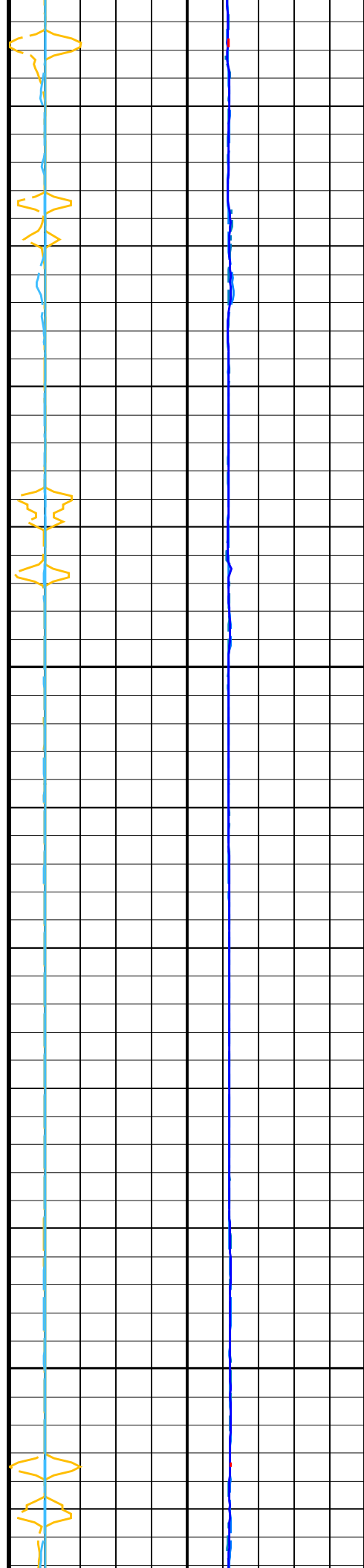


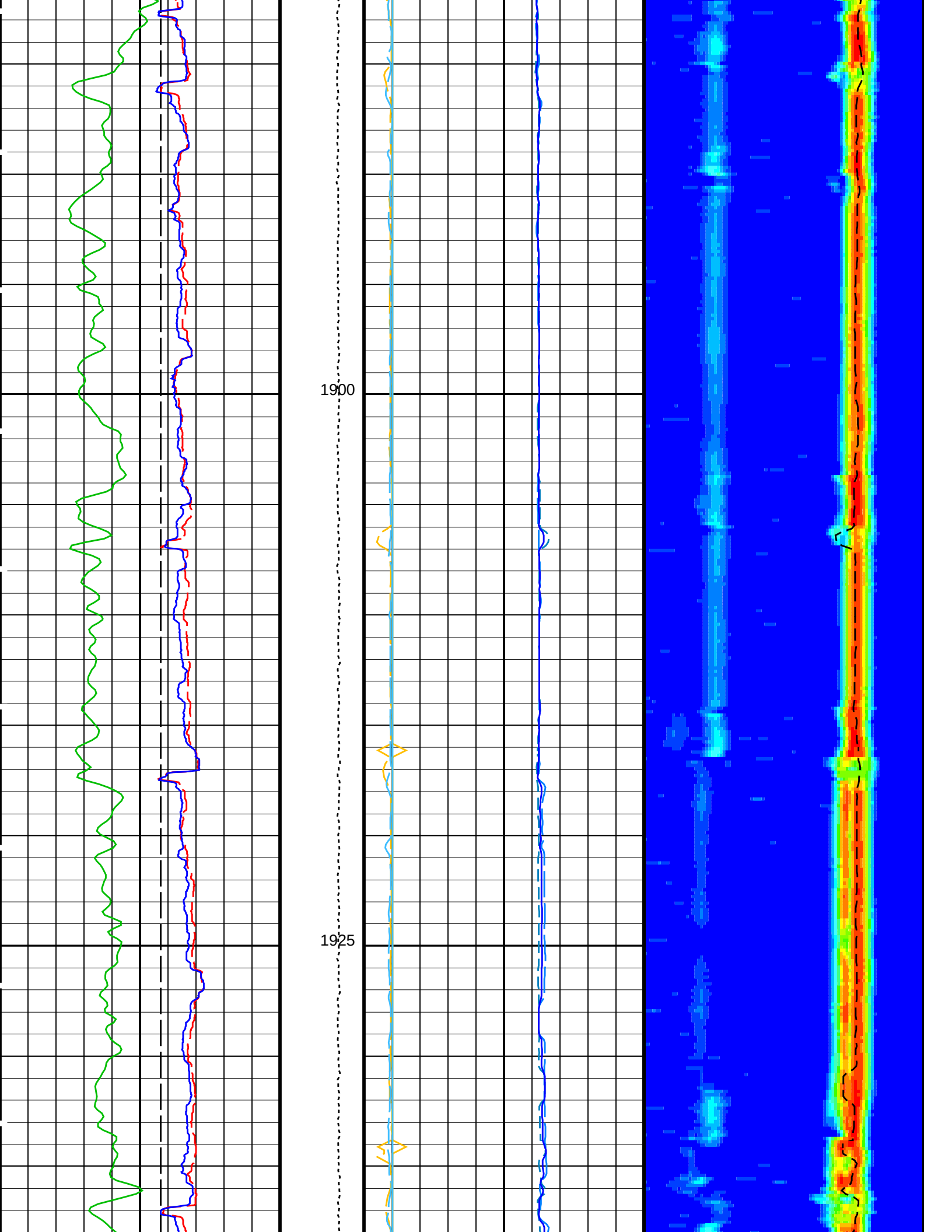


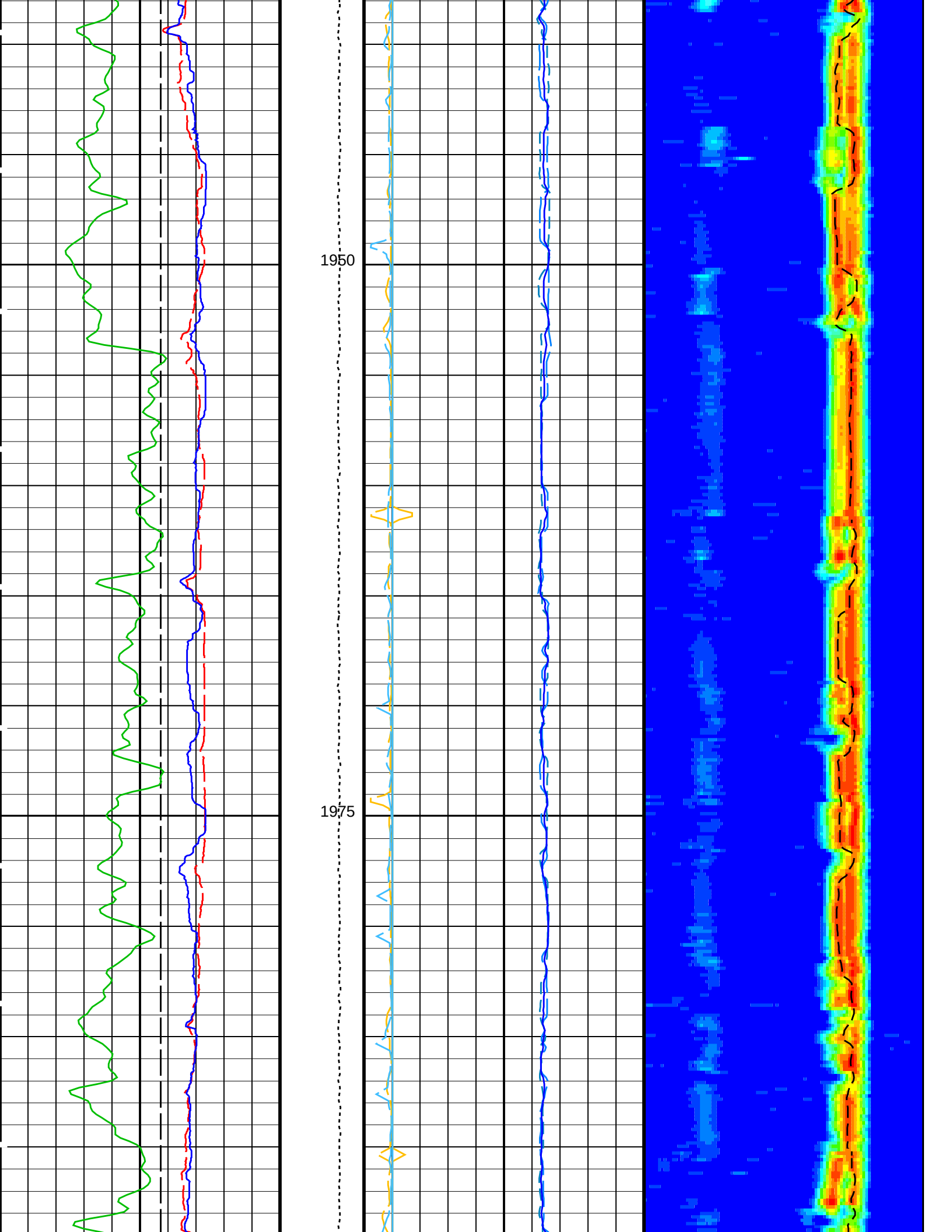


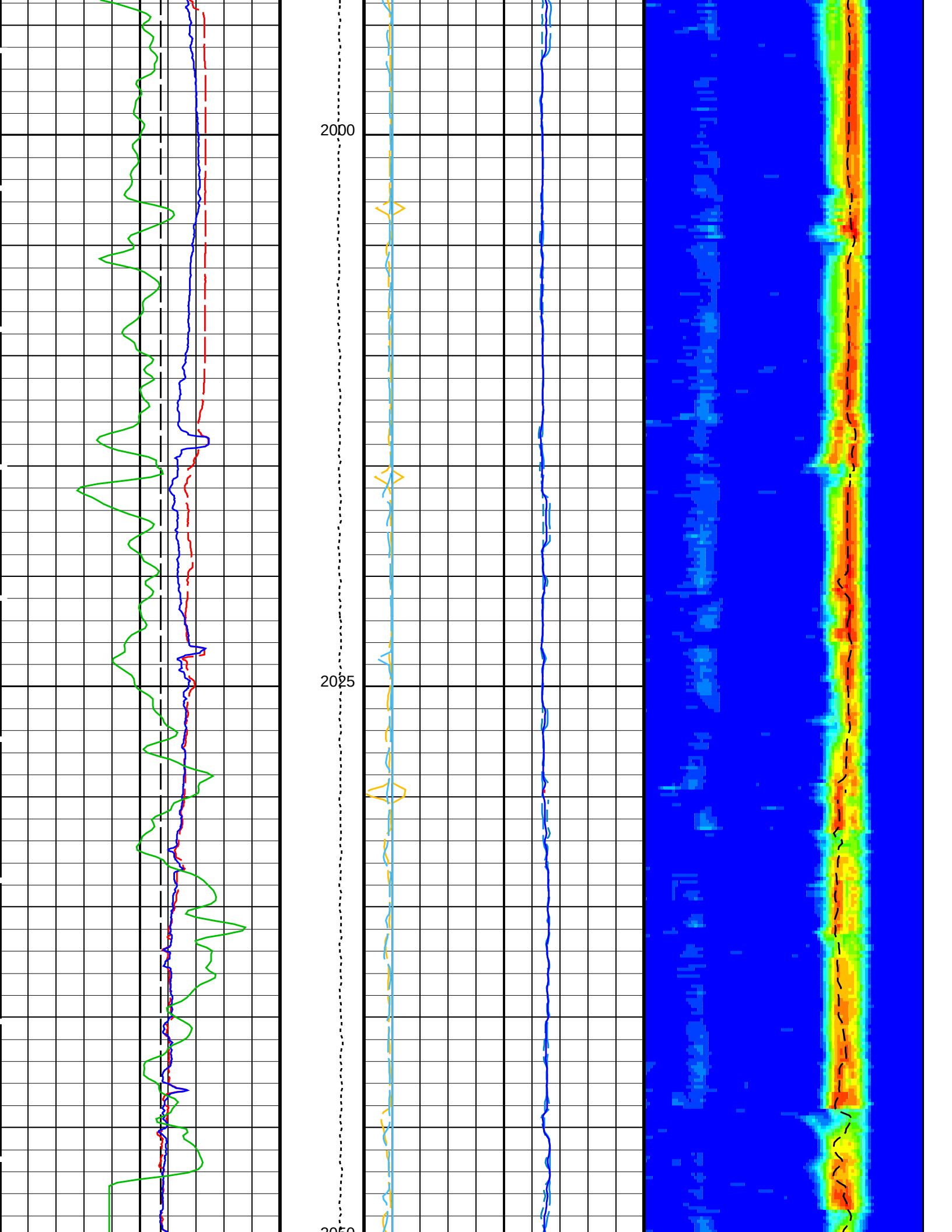
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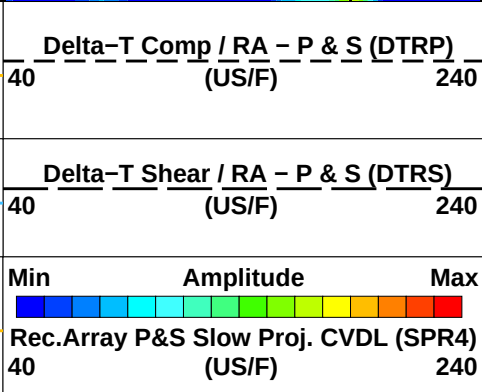
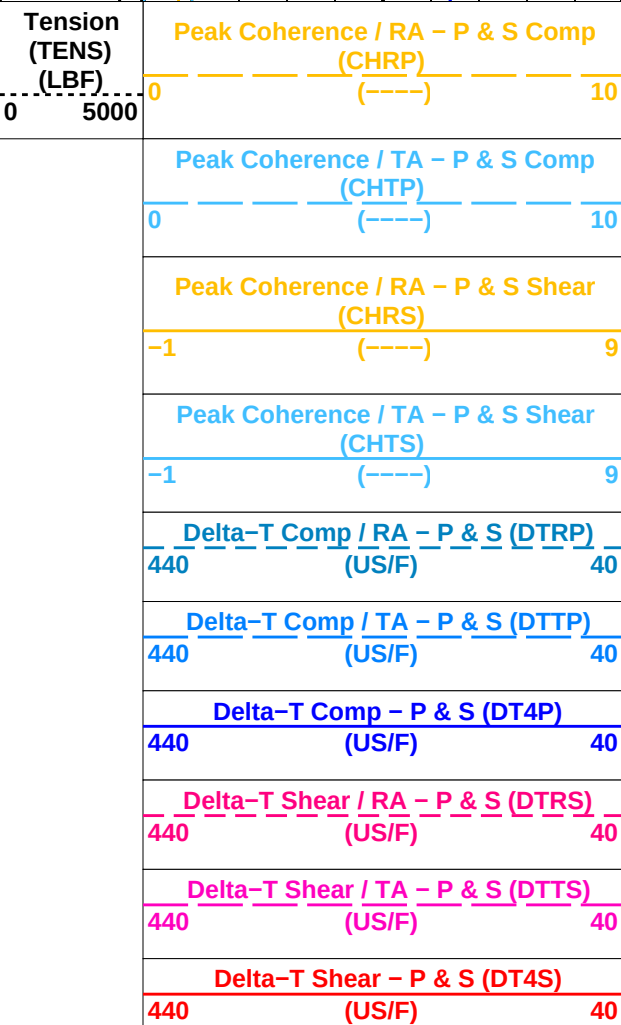
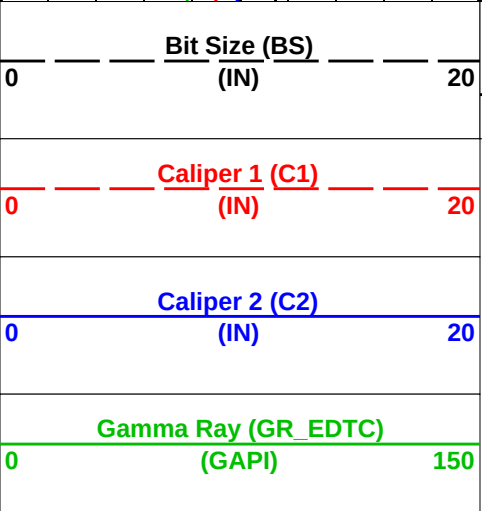
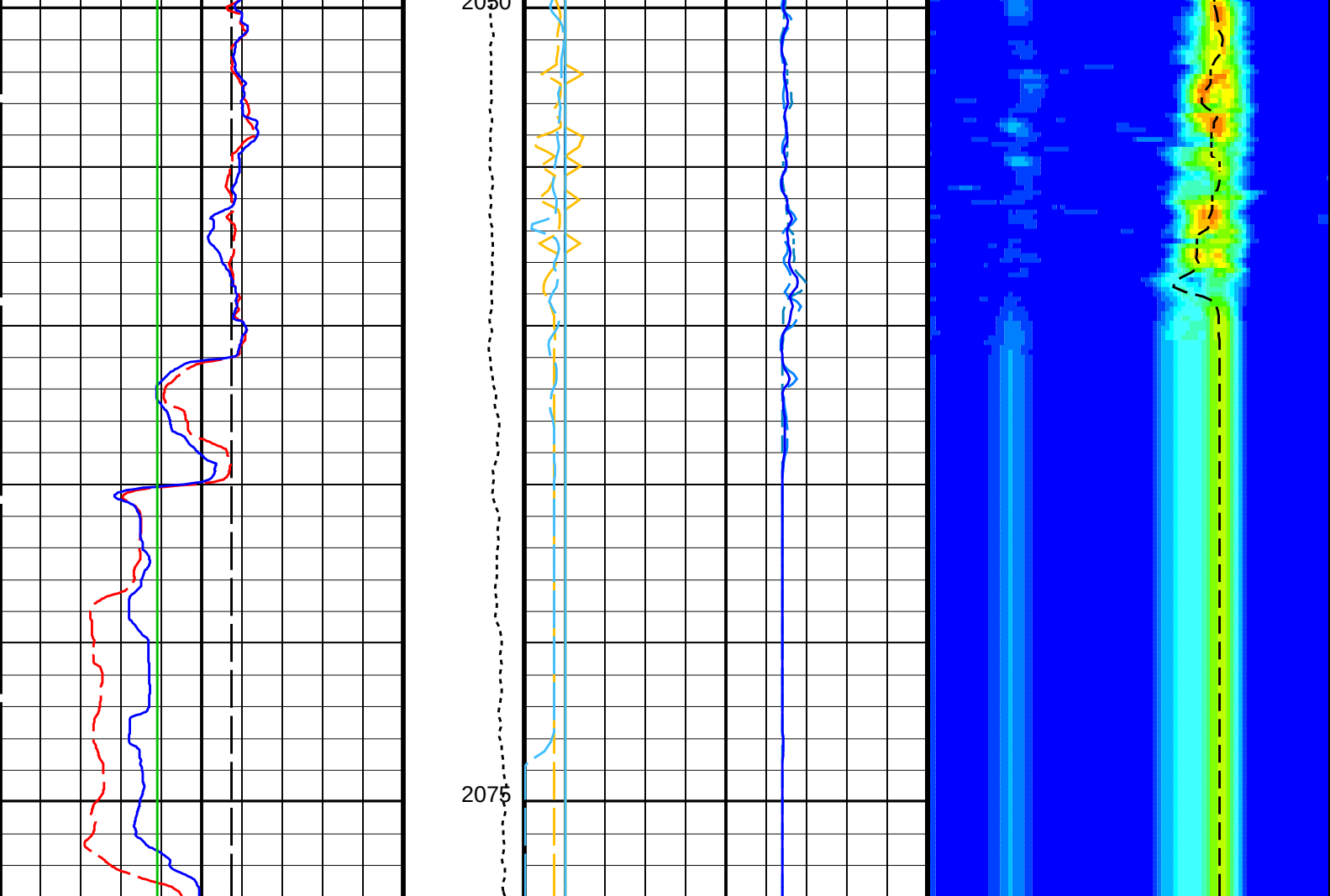
1875











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	140	US/F
COUL	Label Slowness Upper Limit – Monopole P&S Compressional	240	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	195	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	140	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	240	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	225	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	
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	11.438	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

Format: DSST_P_S_VDL_COLOR

Vertical Scale: 1:200

Graphics File Created: 04-Oct-2019 06:27

OP System Version: 19C0-187

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

Input DLIS Files

DEFAULT	FMS DSI NGS 037PUP	FN:42	PRODUCER	03-Oct-2019 20:50	2078.0 M	1715.6 M
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Output DLIS Files

DEFAULT FMS_DSI_NGS_043PUP FN:48 PRODUCER 04-Oct-2019 06:27

Input DLIS Files

DEFAULT FMS_DSI_NGS_037PUP FN:42 PRODUCER 03-Oct-2019 20:50 2078.0 M 1715.6 M

Output DLIS Files

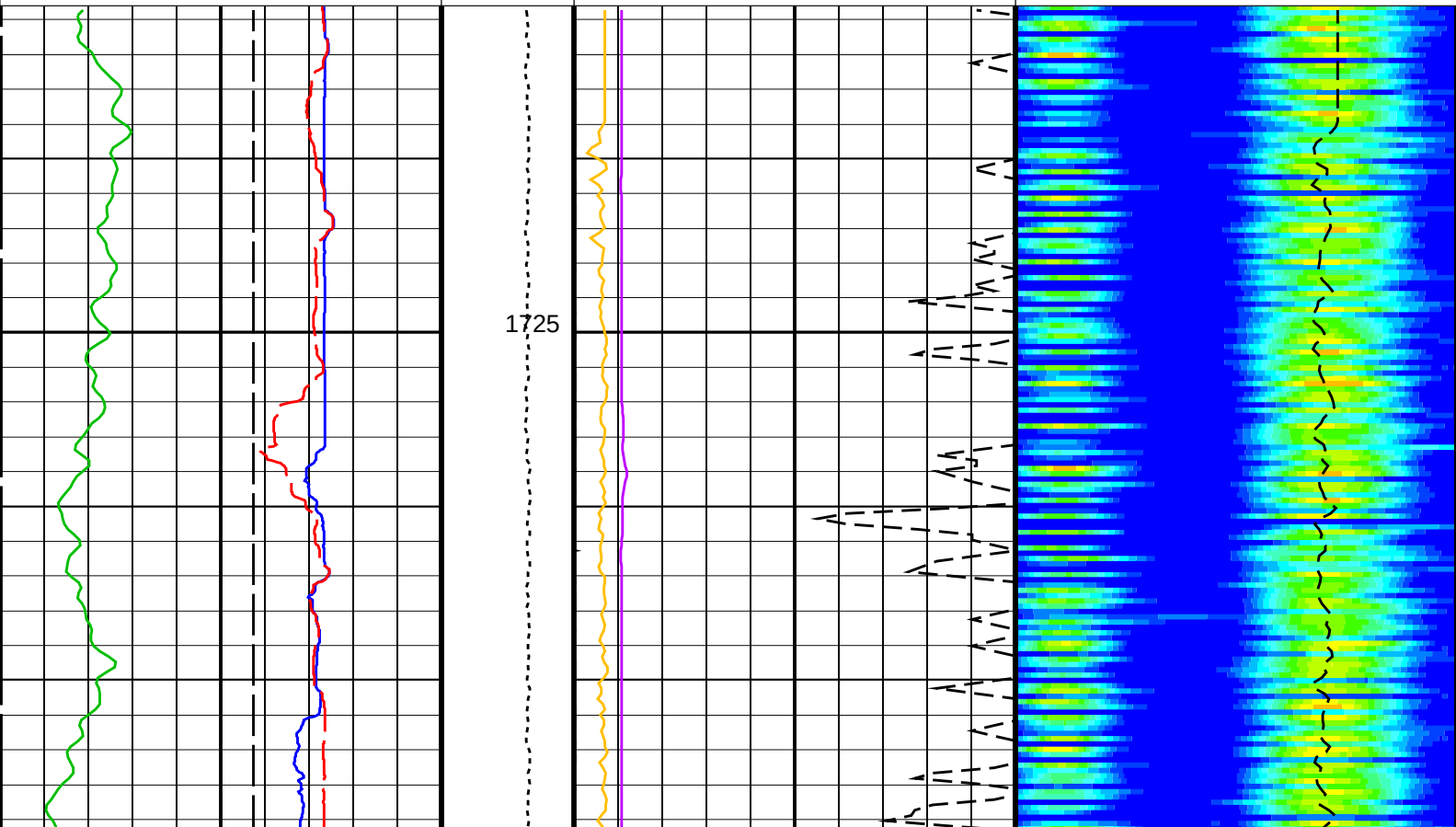
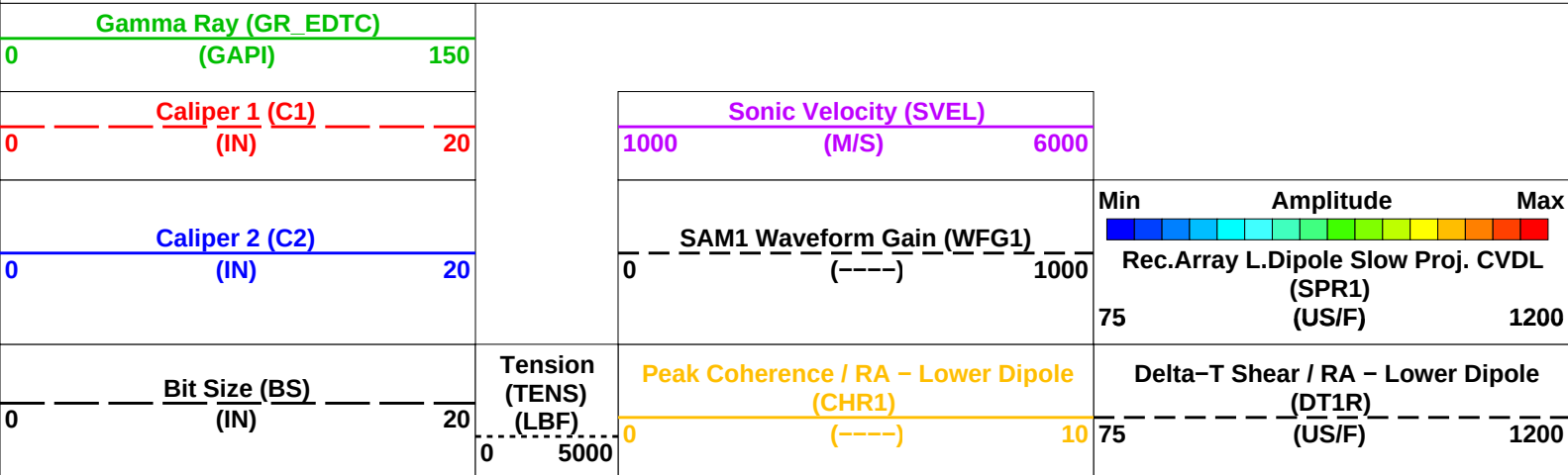
DEFAULT FMS_DSI_NGS_043PUP FN:48 PRODUCER 04-Oct-2019 06:27 2078.0 M 1715.6 M

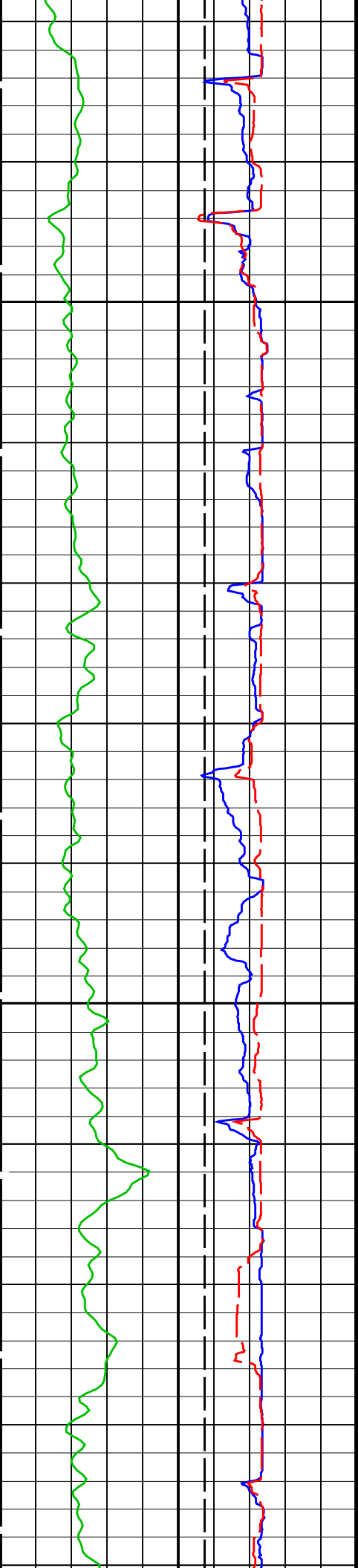
OP System Version: 19C0-187

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

PIP SUMMARY

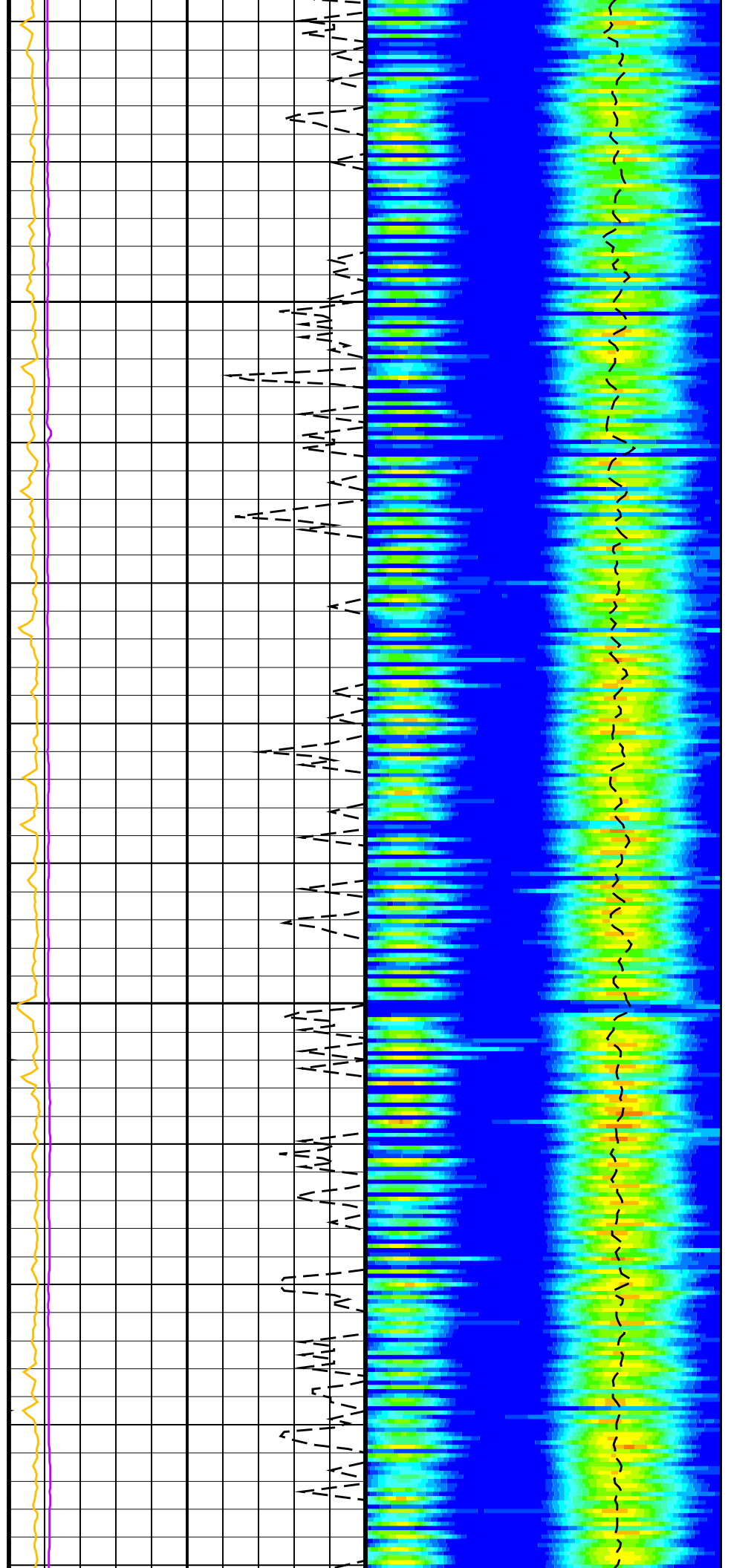
Time Mark Every 60 S

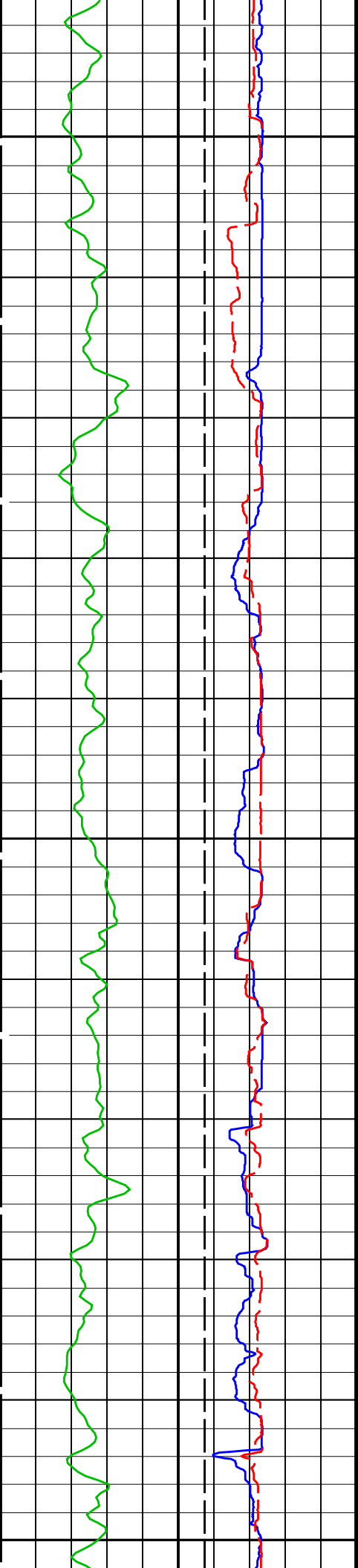




1750

1775

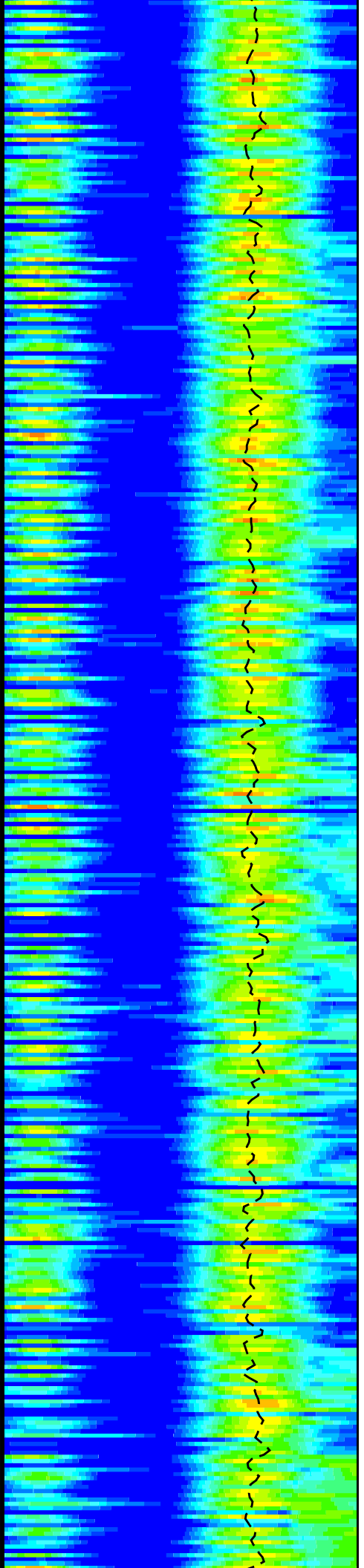
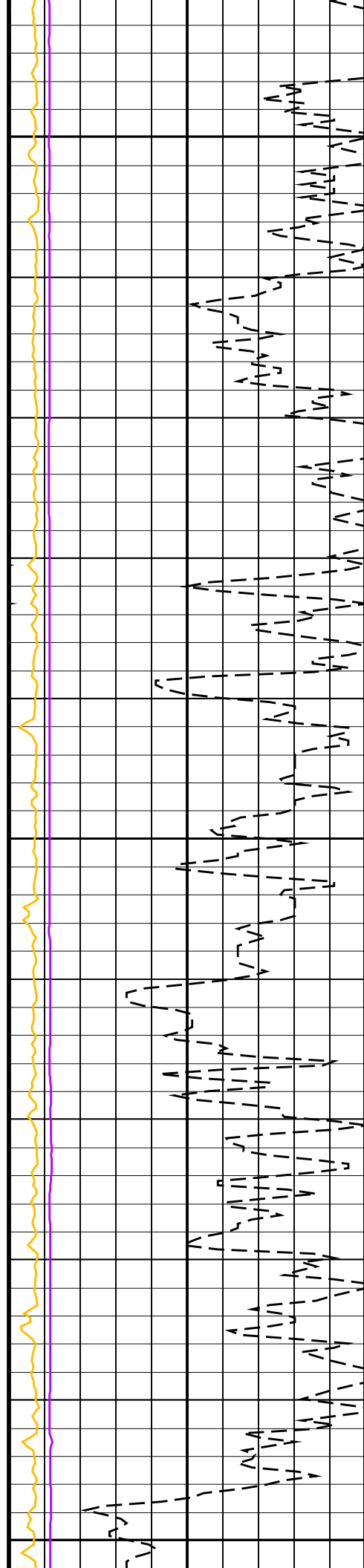


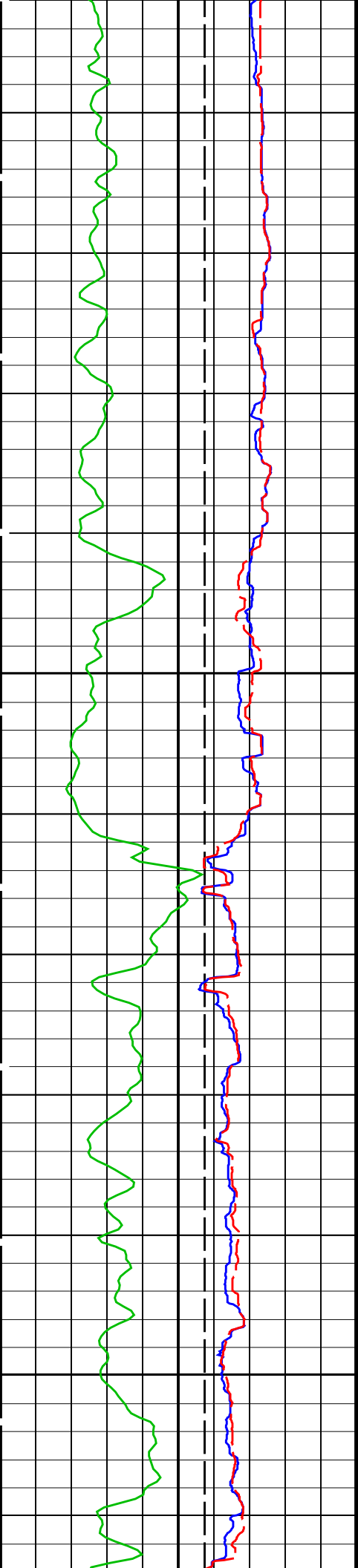


1800

1825

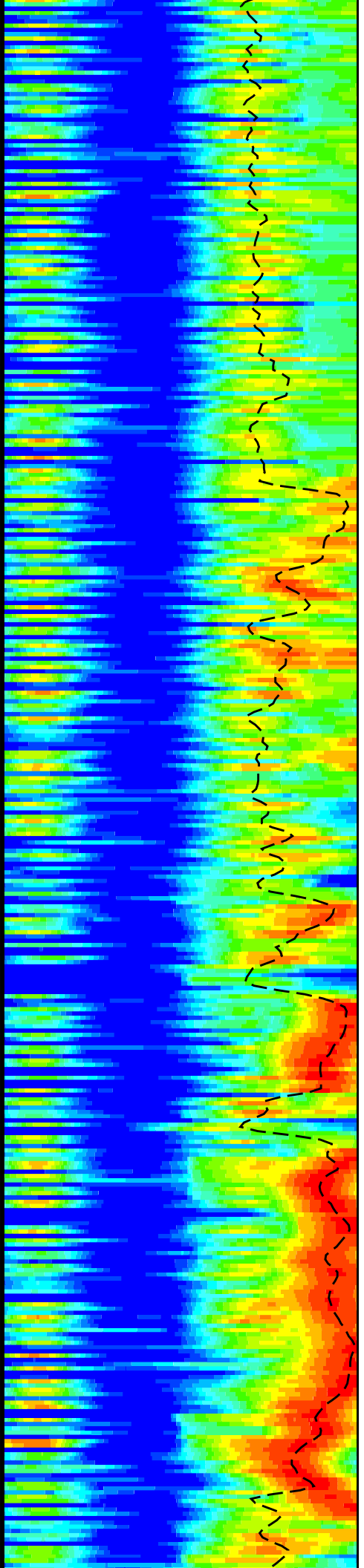
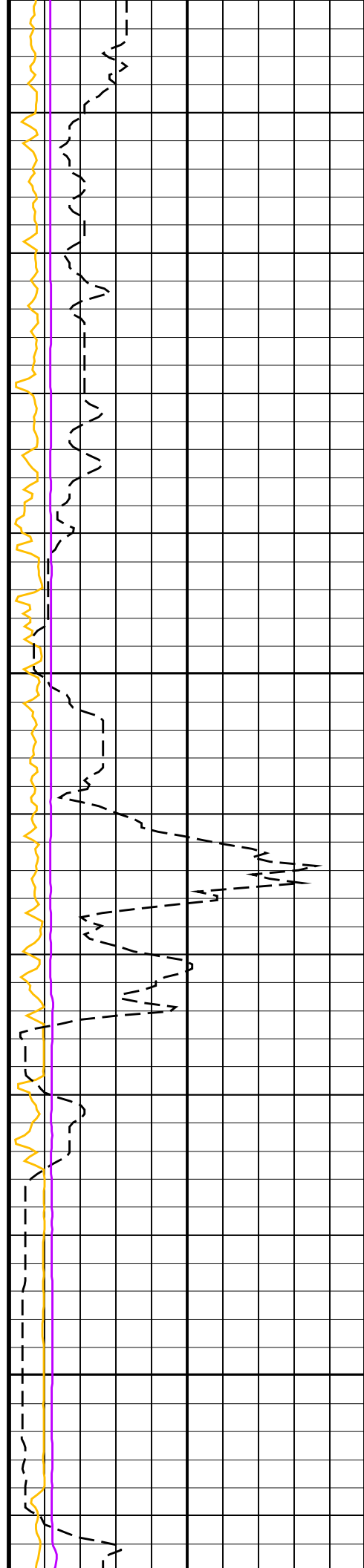
1850

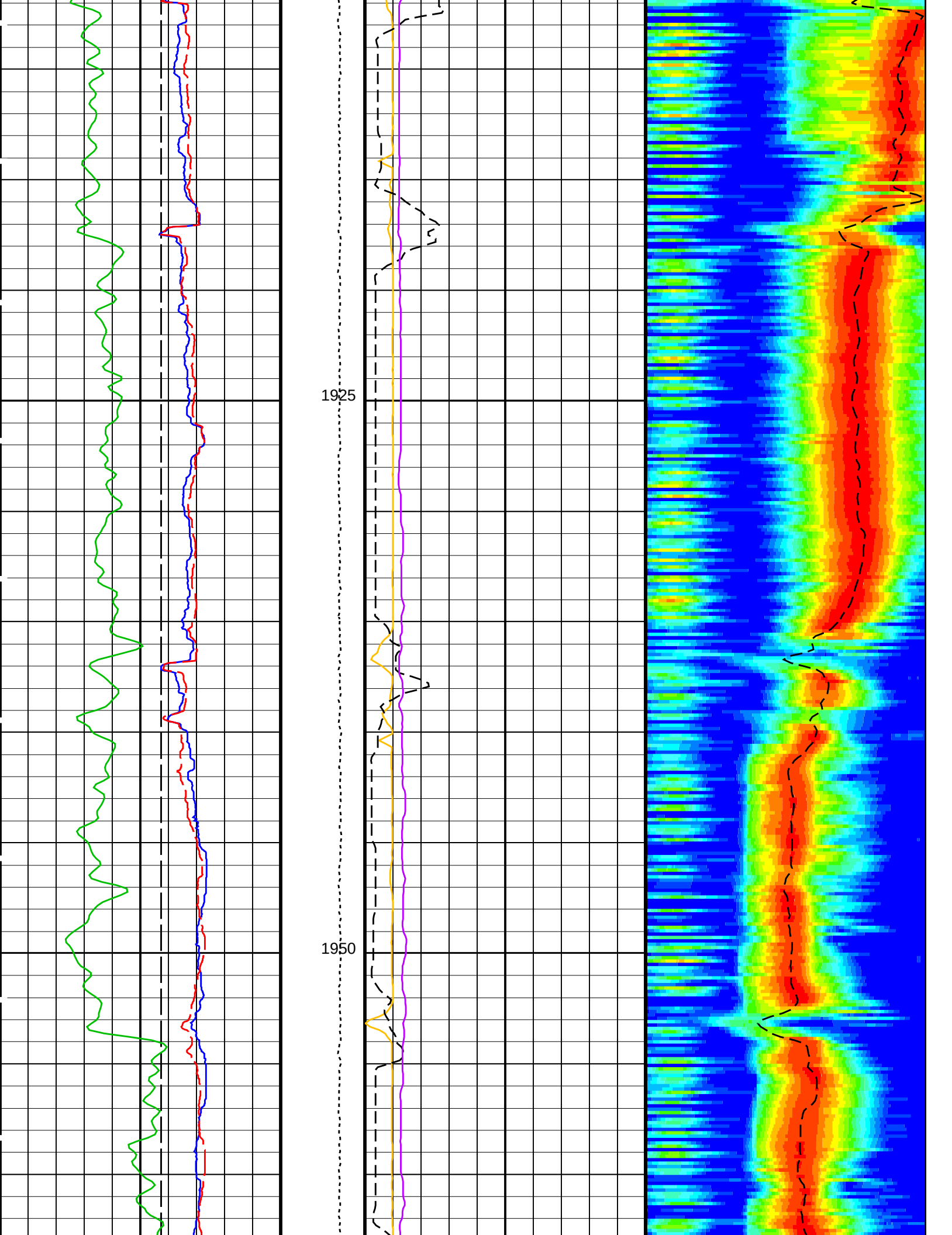


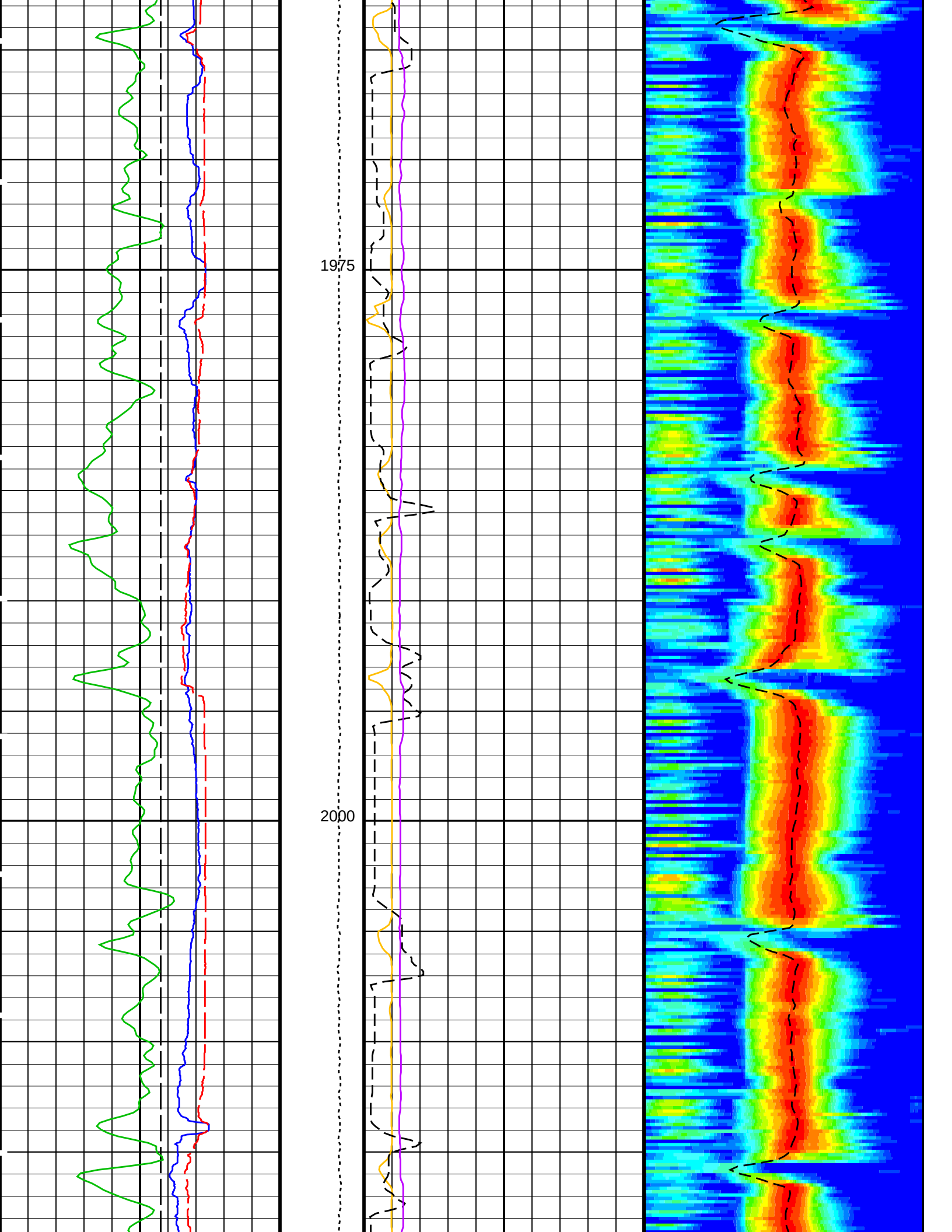


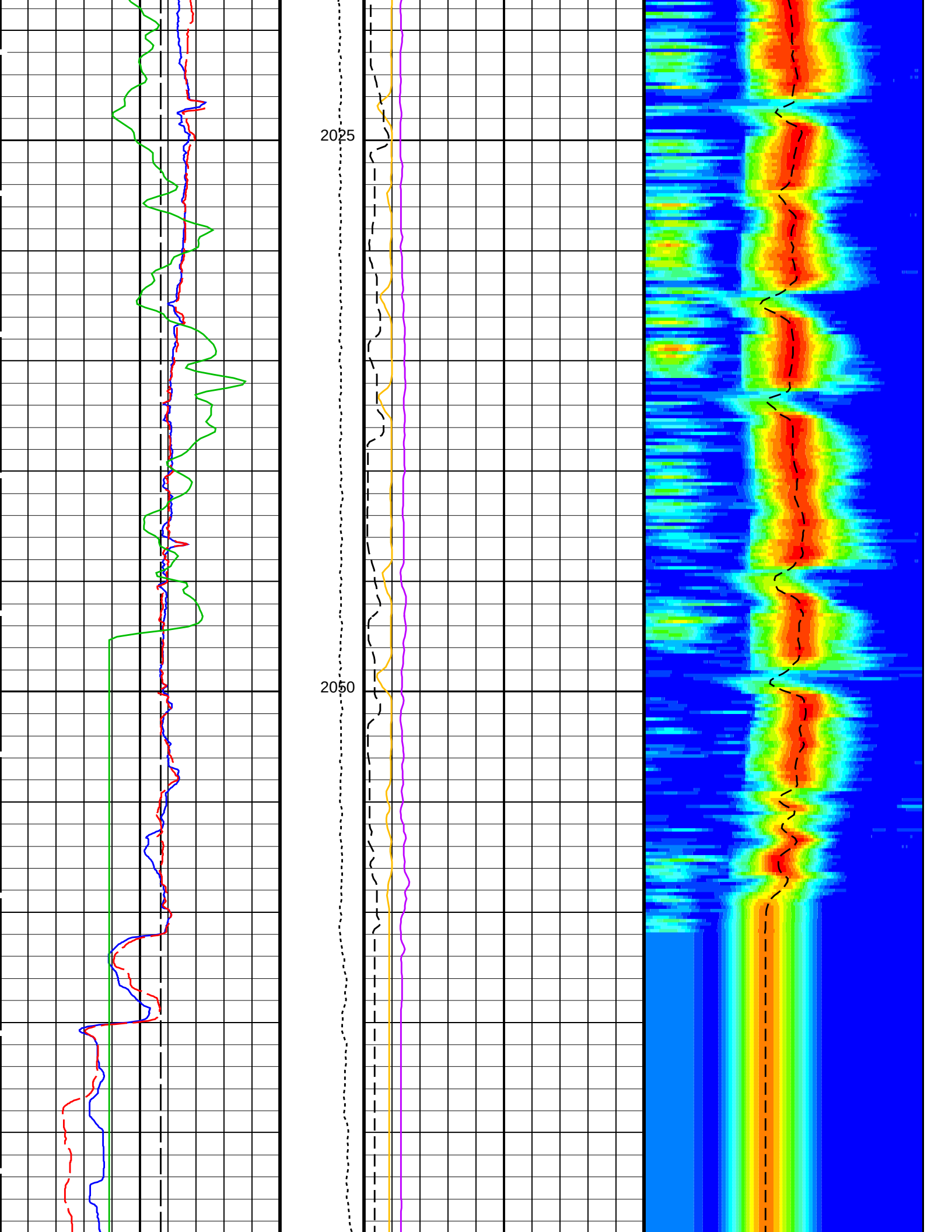
1875

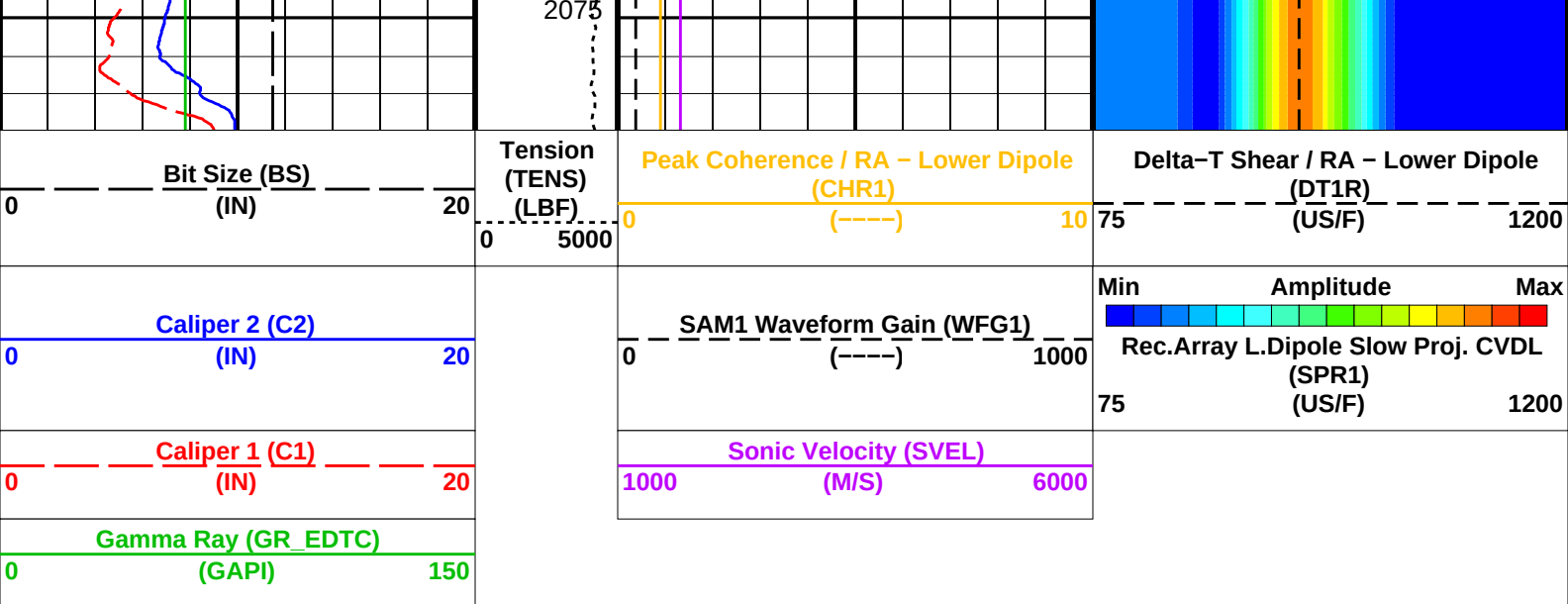
1900











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	350 US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	1200 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	LFD_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	B.3-1.5K
SLL1	STC Slowness Lower Limit - Lower Dipole	75 US/F
SST1	STC Slowness Step - Lower Dipole	4 US/F
SSW1	STC Source Waveform - Lower Dipole	WF_SAM1
SUL1	STC Slowness Upper Limit - Lower Dipole	1200 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	20440 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	11.438 IN
DO	Depth Offset for Playback	0.0 M
PP	Playback Processing	RECOMPUTE

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200

Graphics File Created: 04-Oct-2019 06:27

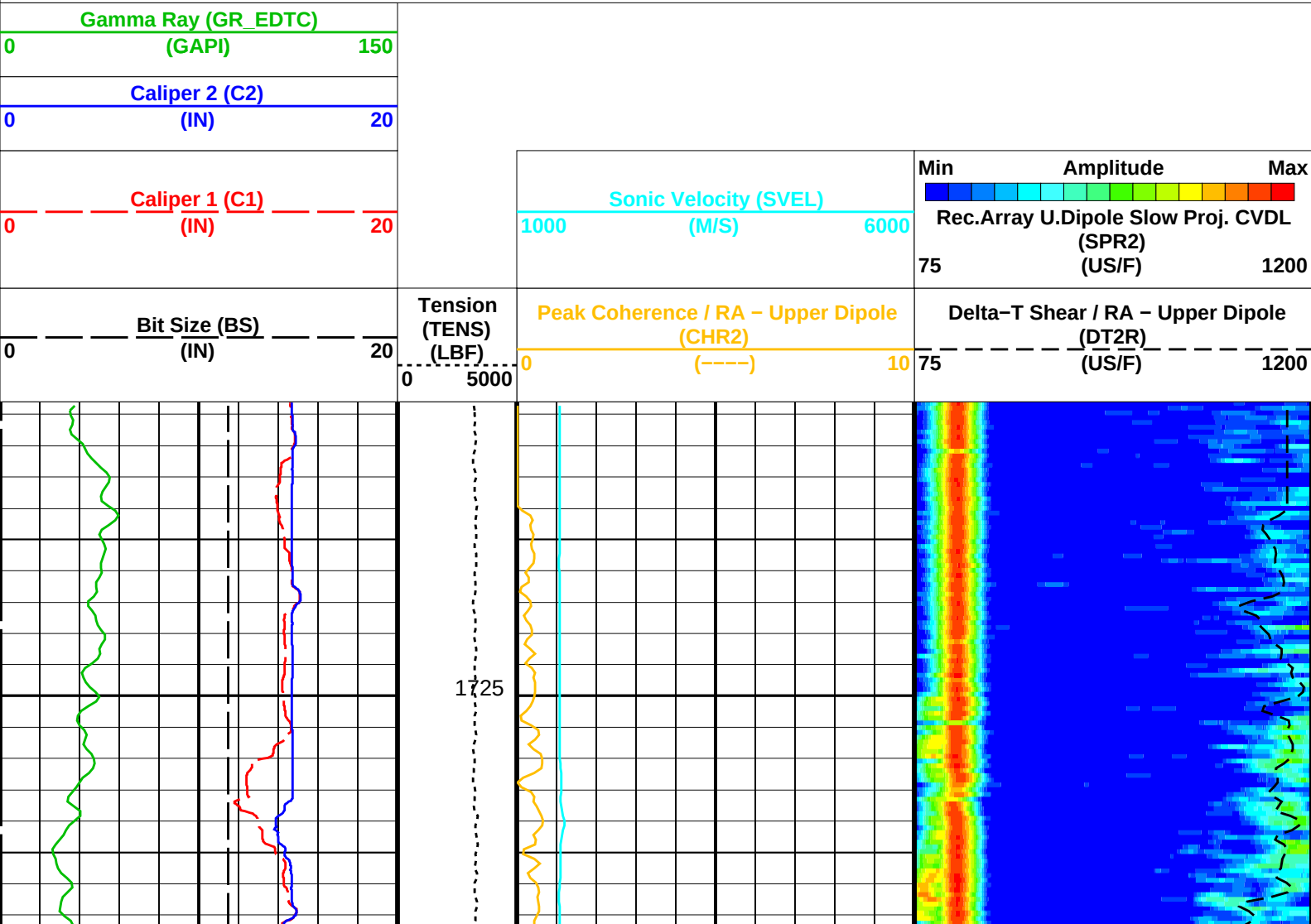
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DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

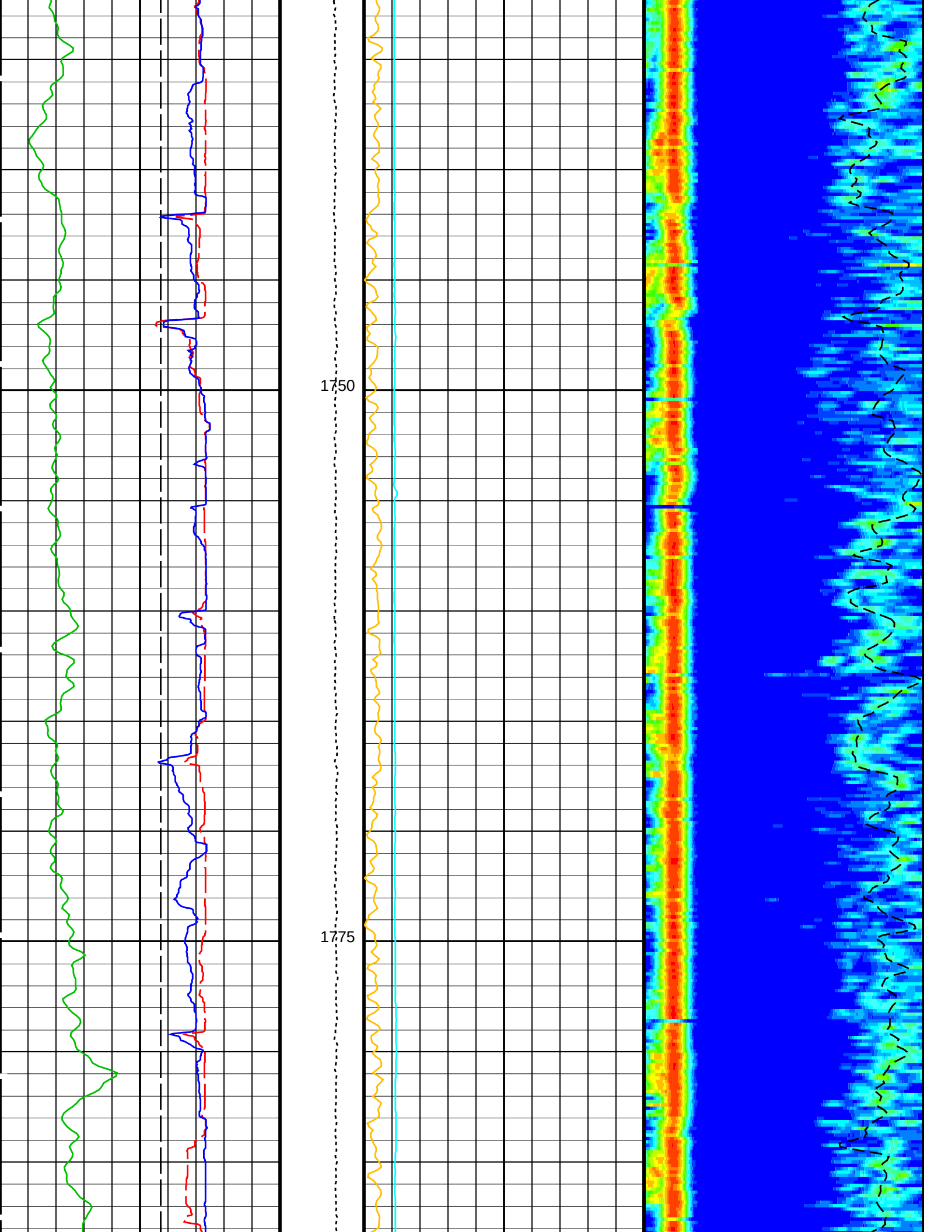
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DEFAULT	FMS_DSI_NGS_037PUP	FN:42	PRODUCER	03-Oct-2019 20:50	2078.0 M	1715.6 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_043PUP	FN:48	PRODUCER	04-Oct-2019 06:27		

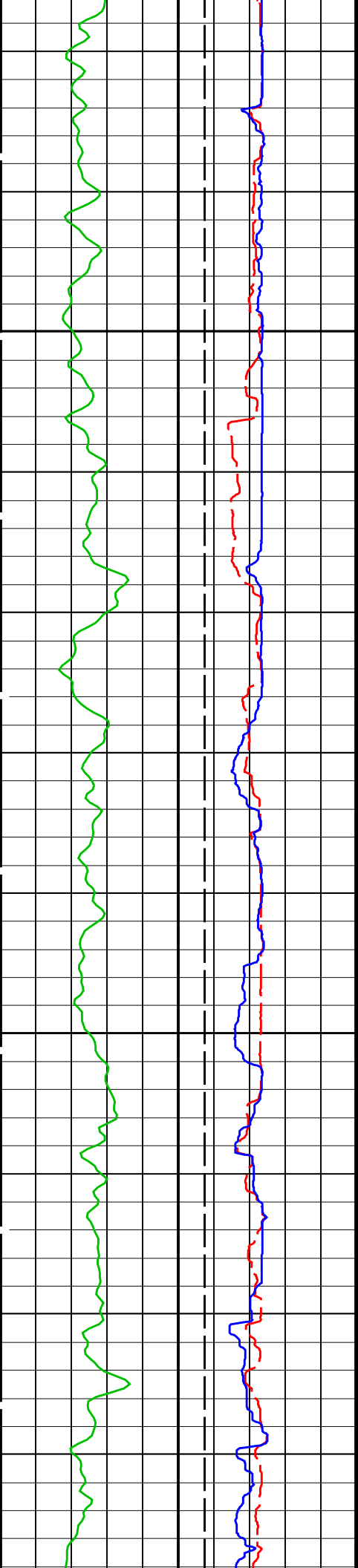
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_037PUP	FN:42	PRODUCER	03-Oct-2019 20:50	2078.0 M	1715.6 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_043PUP	FN:48	PRODUCER	04-Oct-2019 06:27	2078.0 M	1715.6 M

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

PIP SUMMARY						
Time Mark Every 60 S						

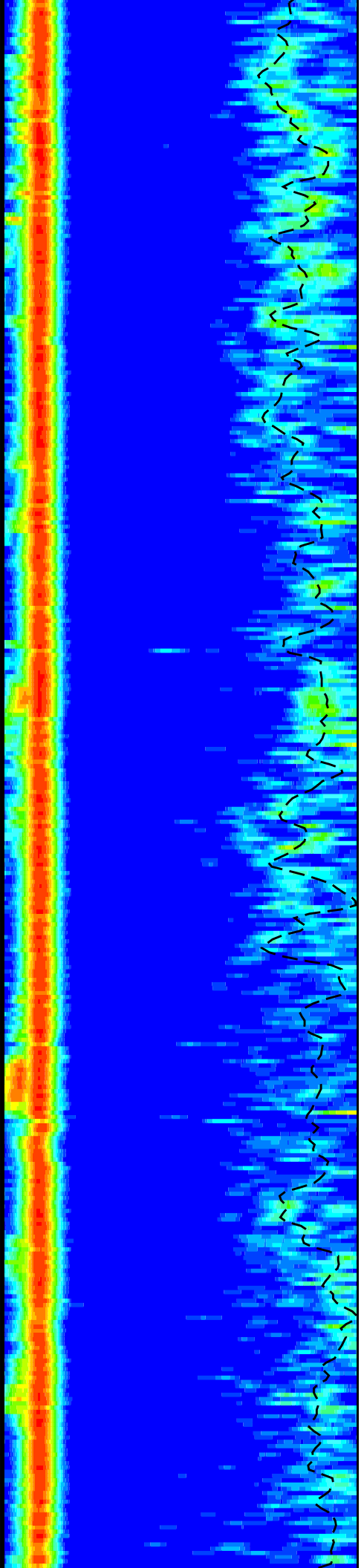
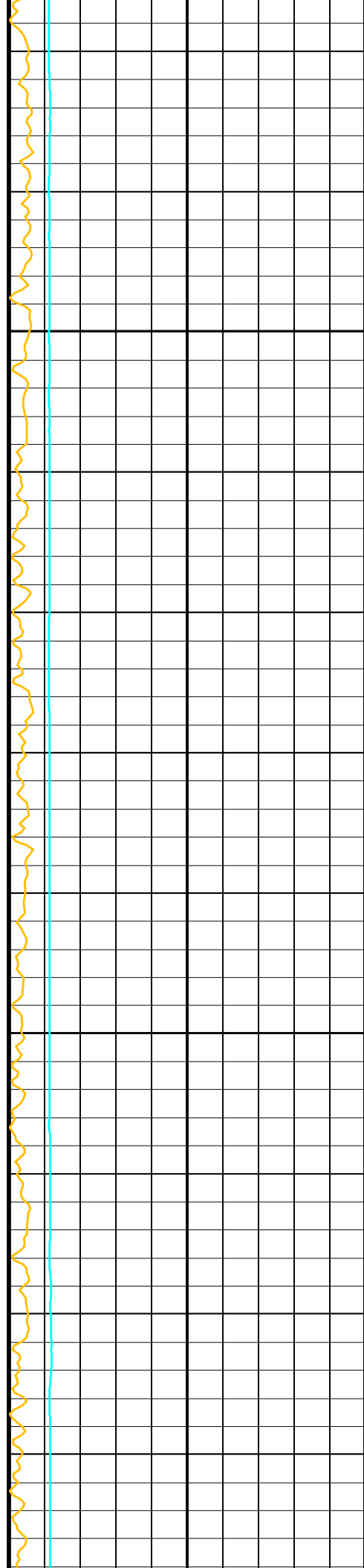


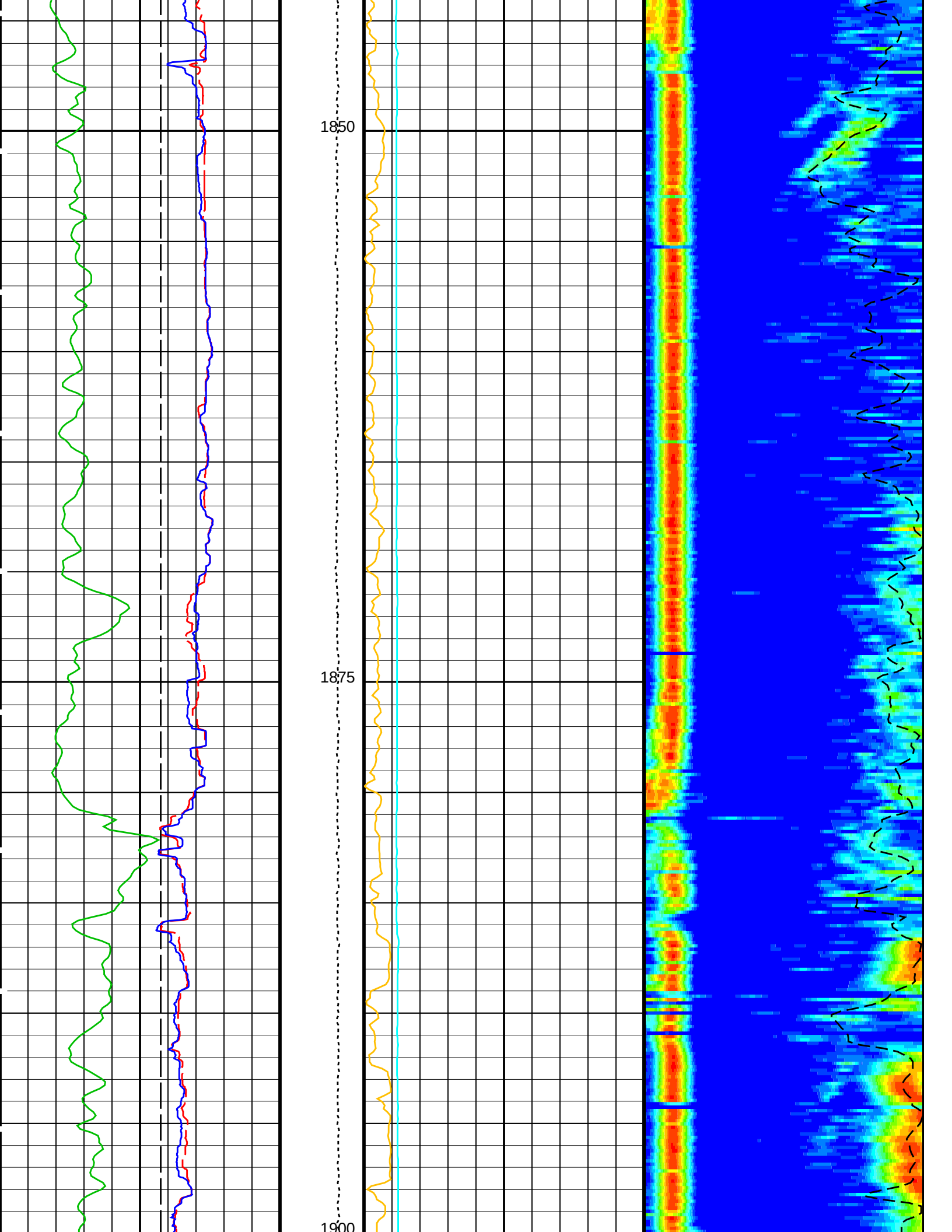


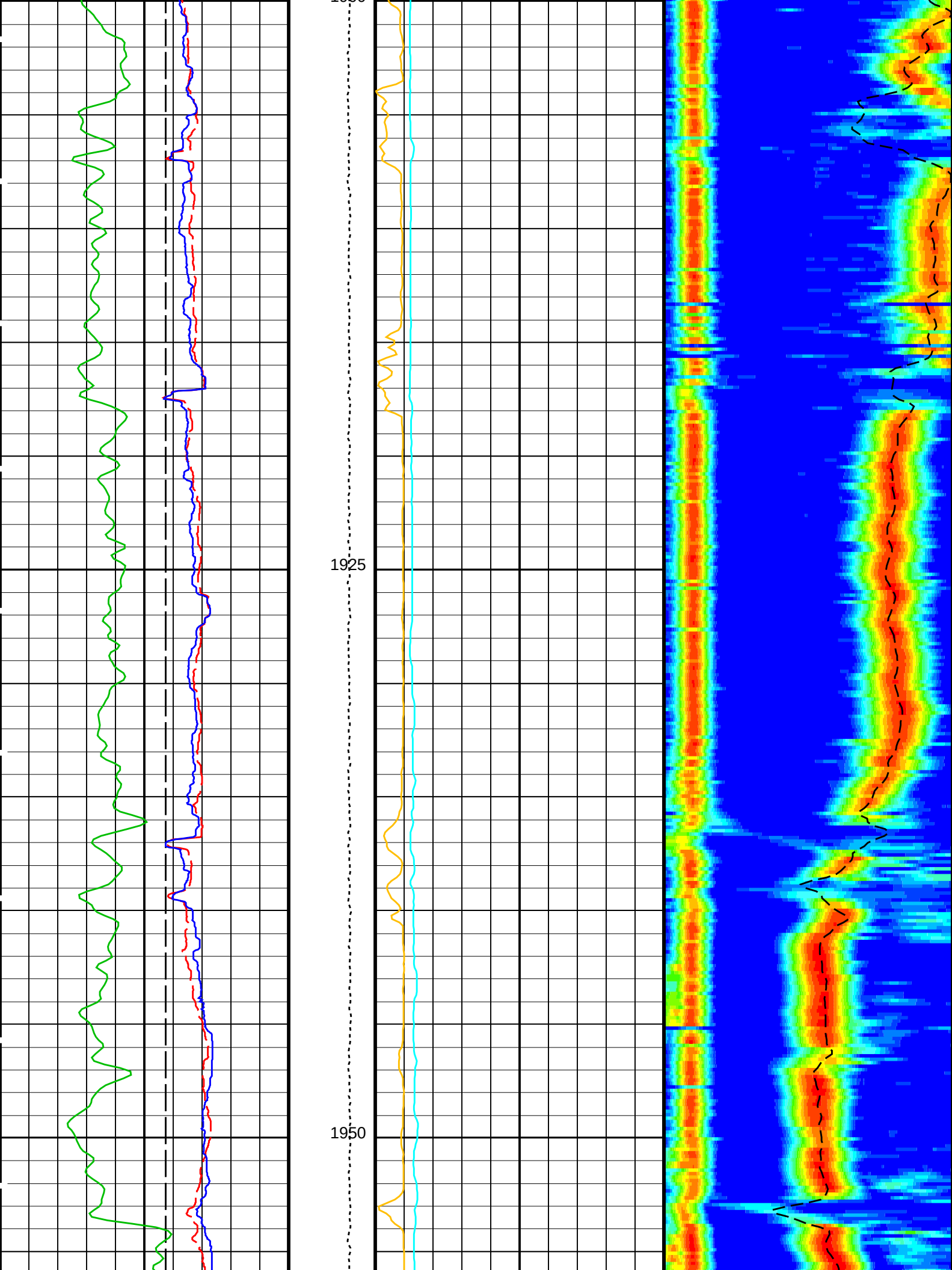


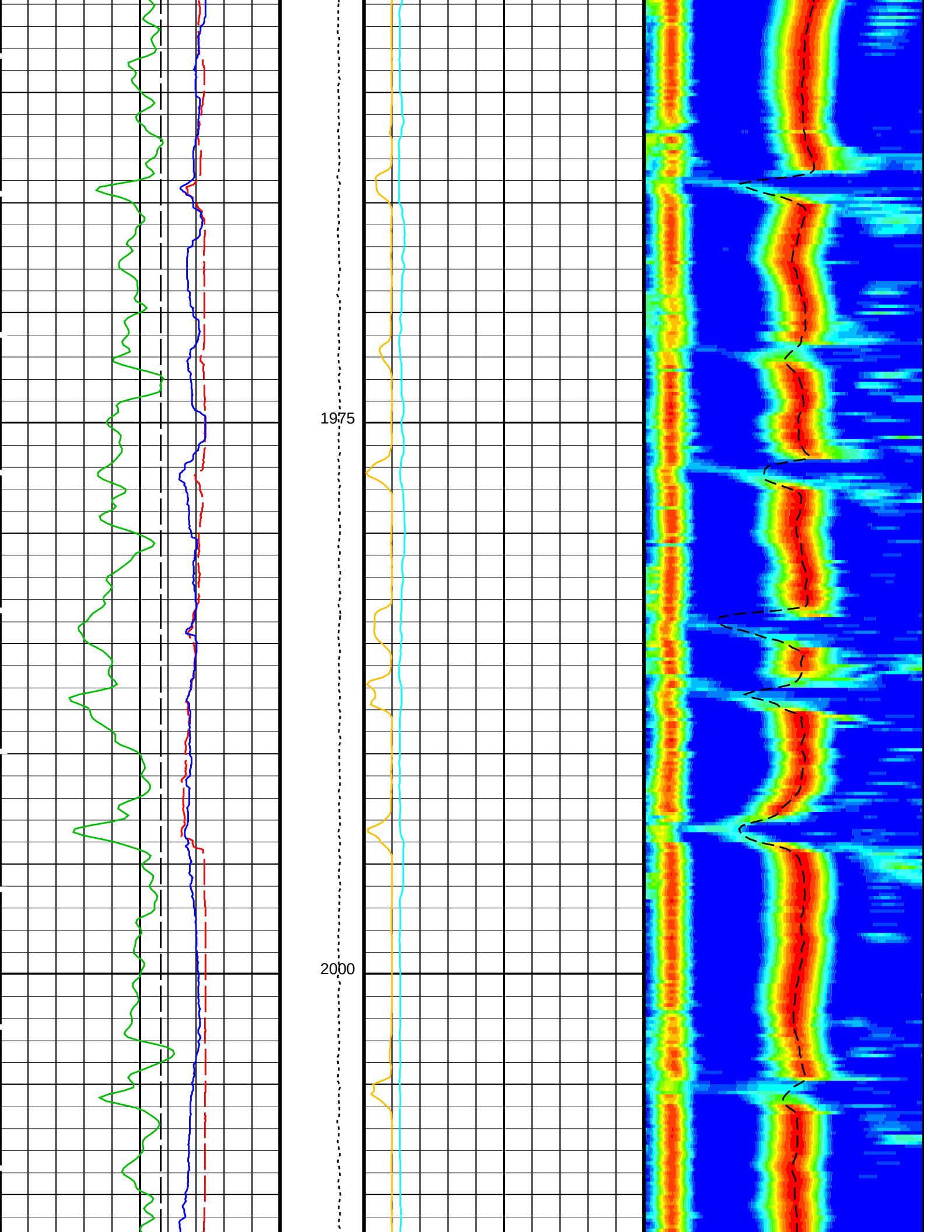
1800

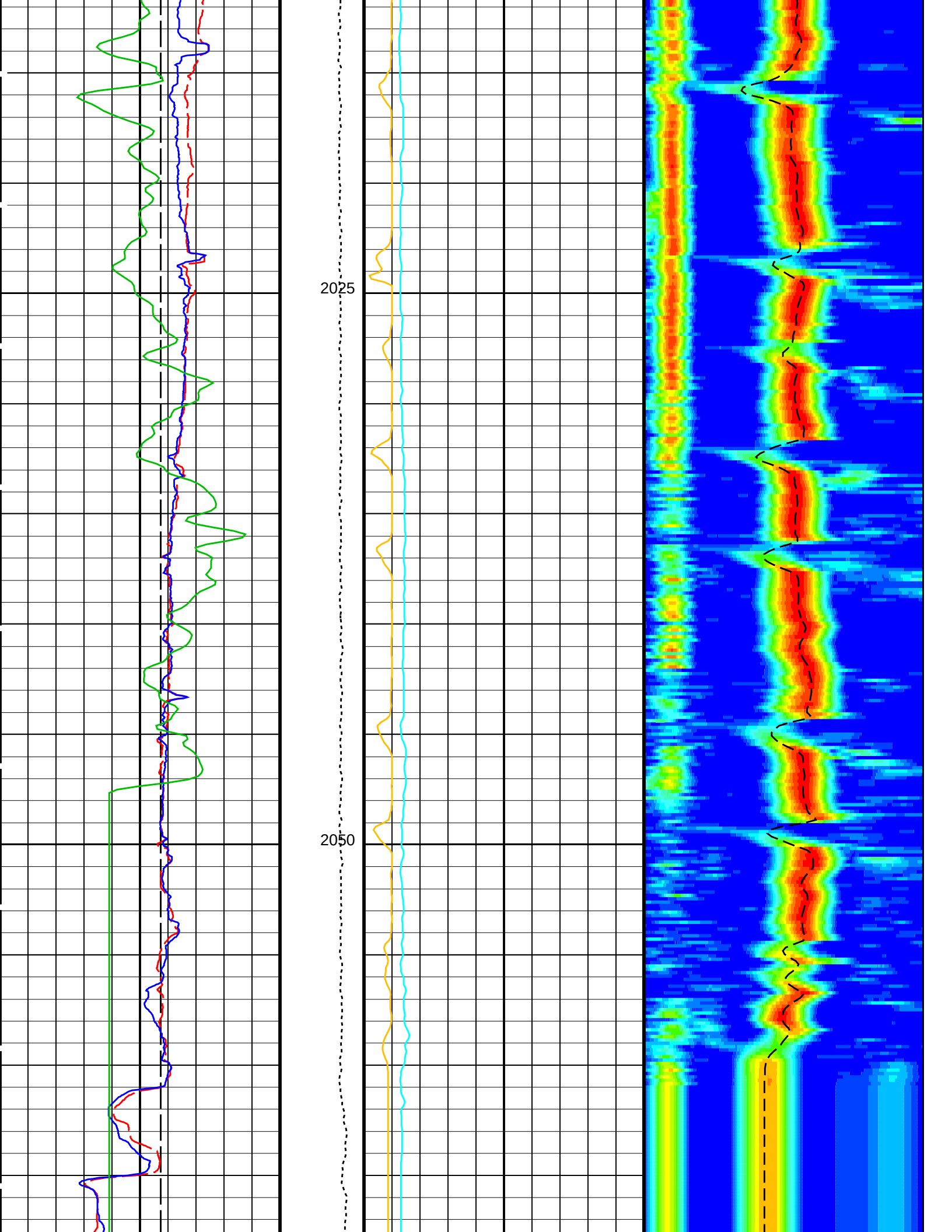
1825

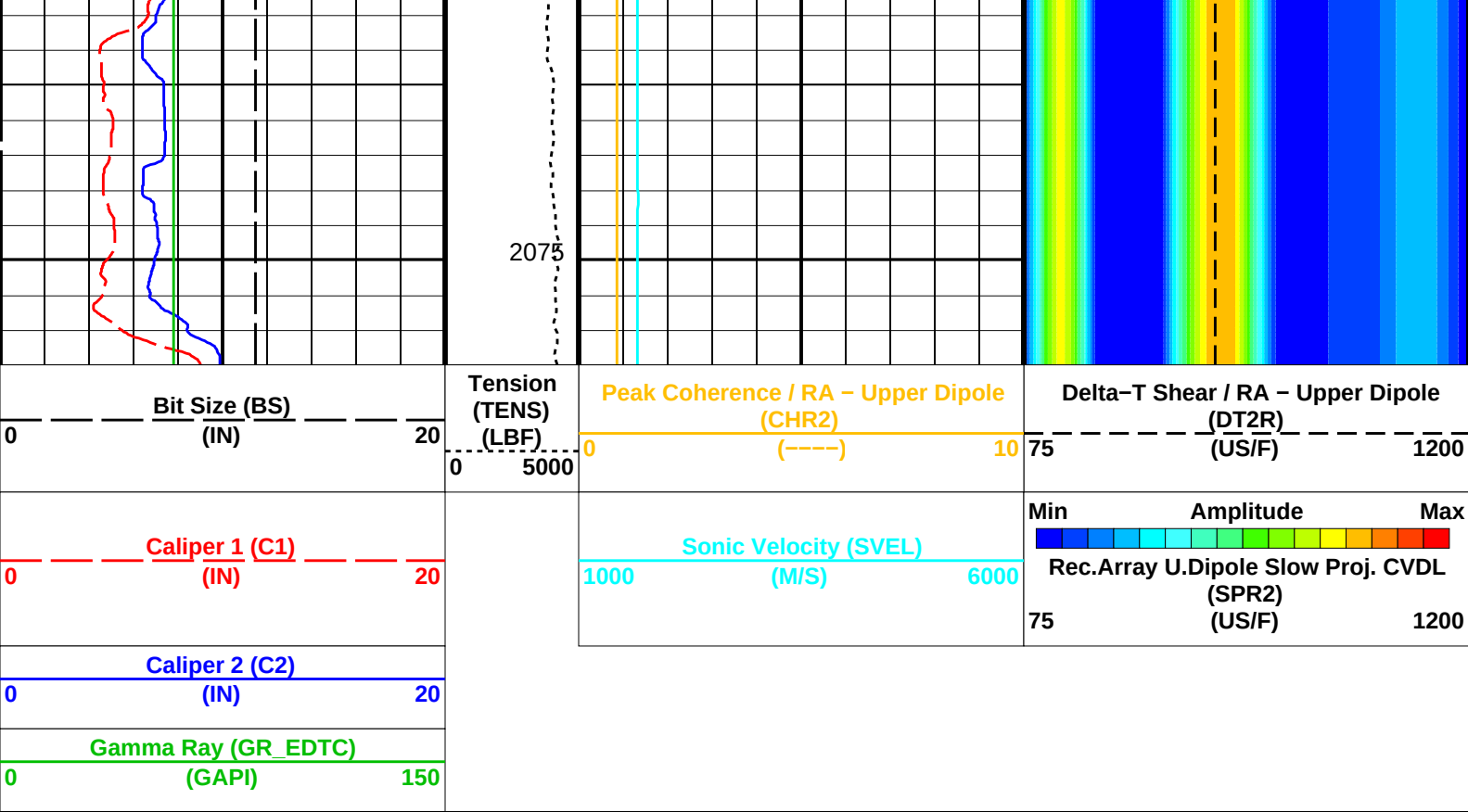










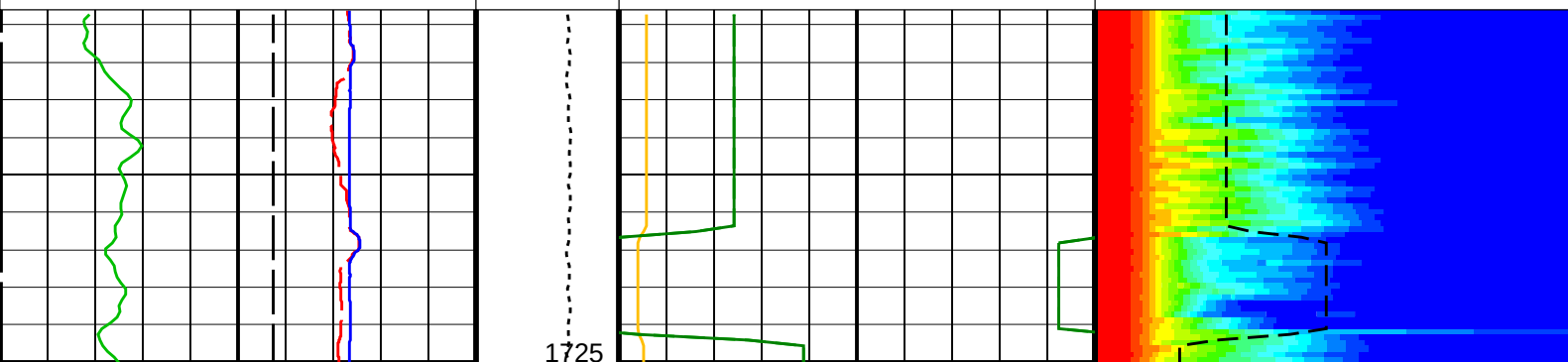


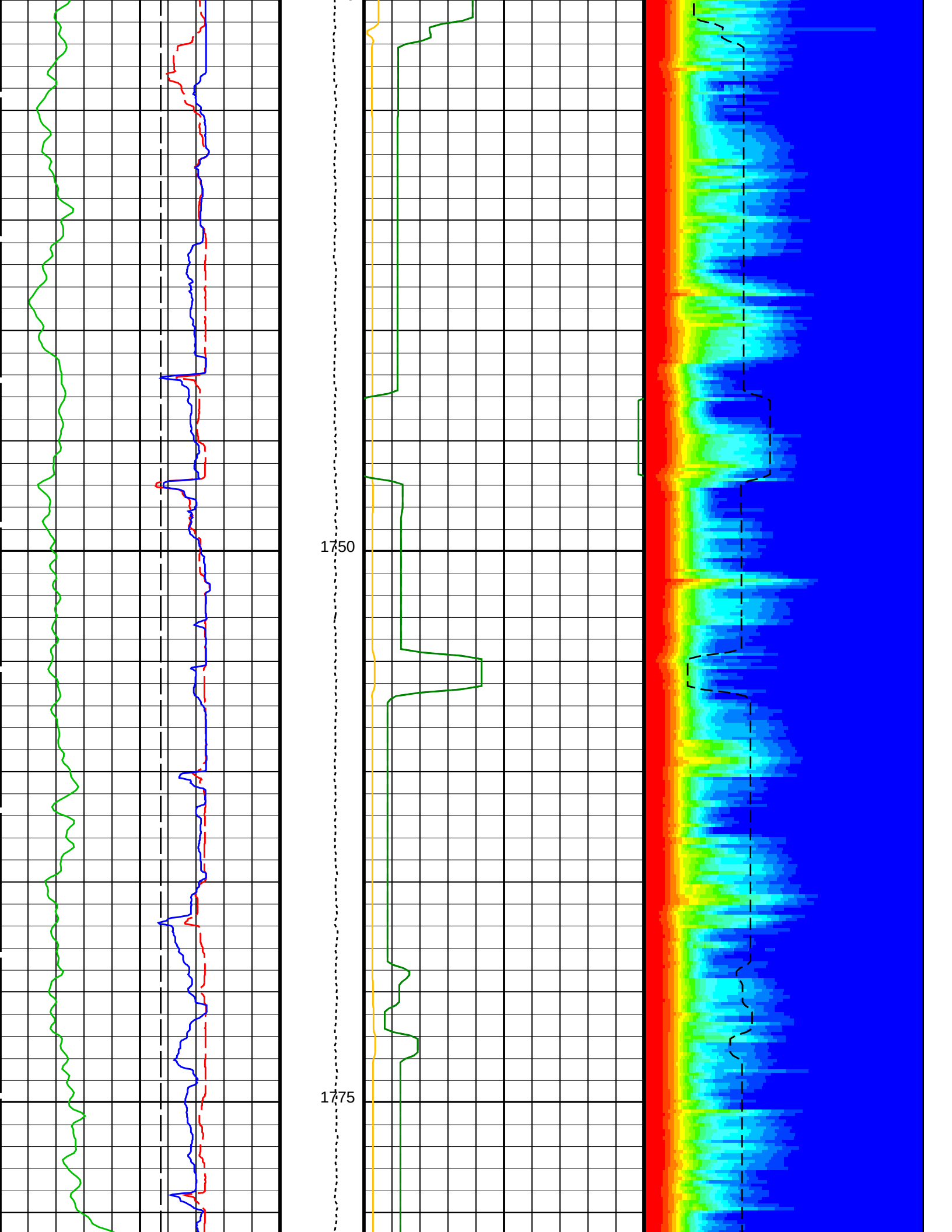
PIP SUMMARY

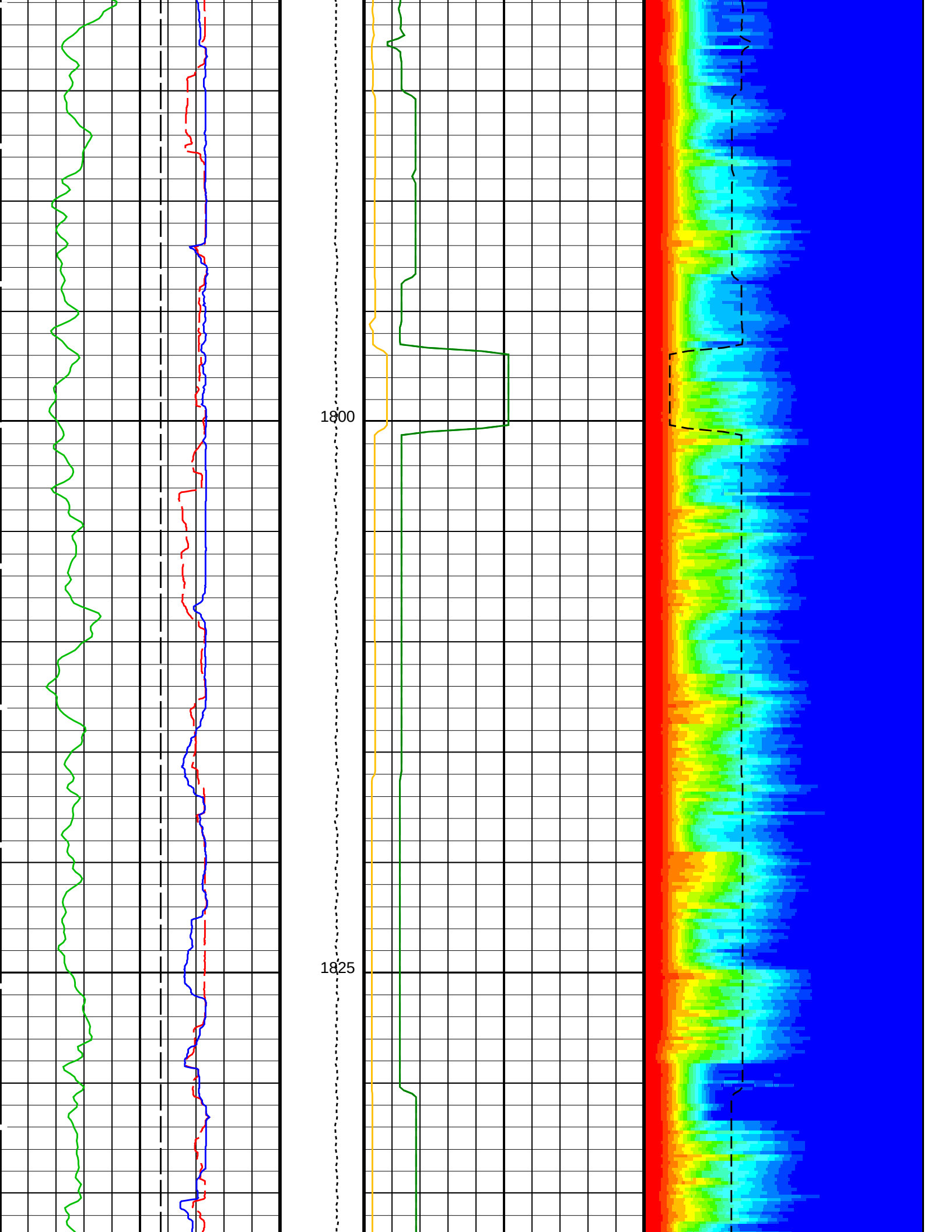
Time Mark Every 60 S

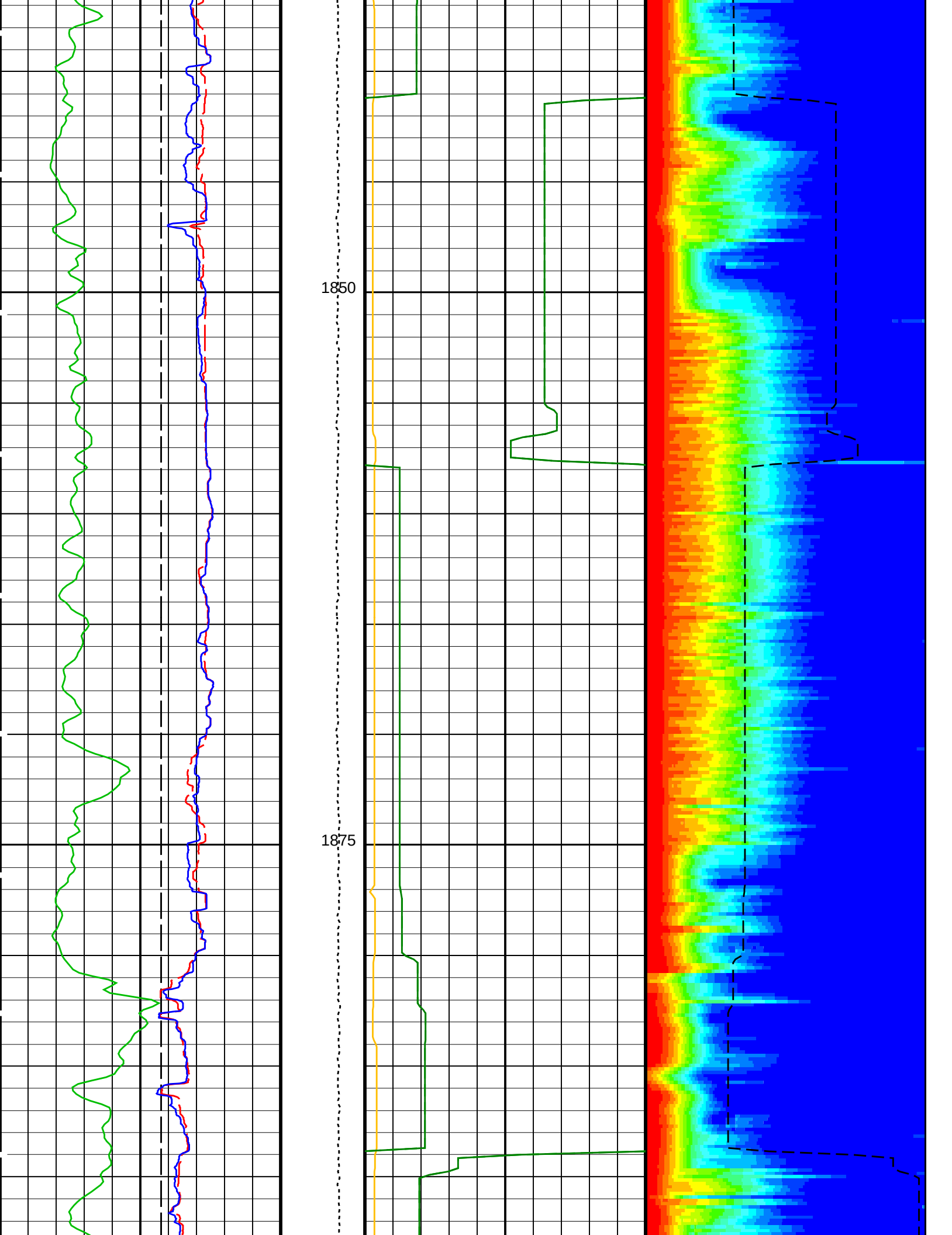
Parameters

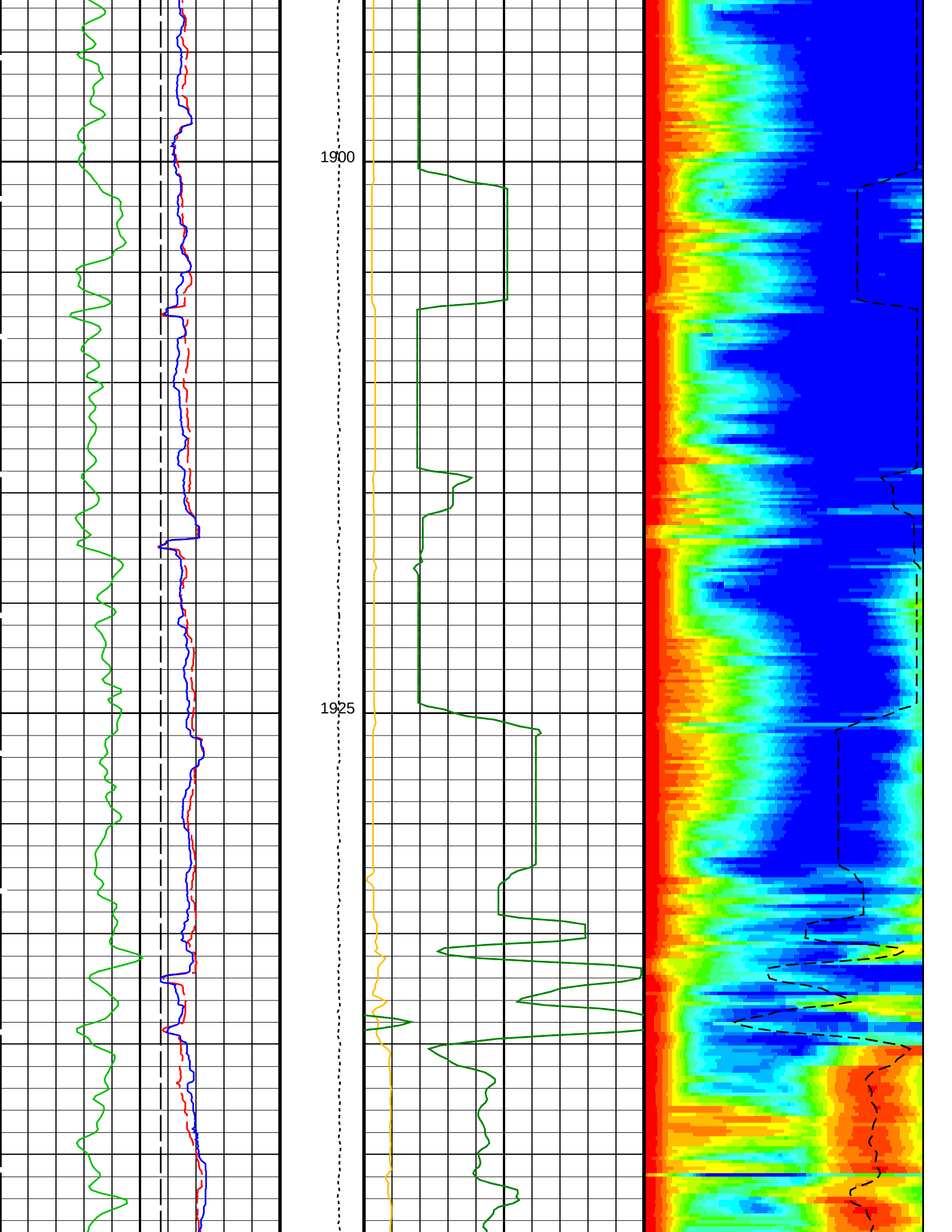
DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE2	Digitizing Delay 2	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	350	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	1200	US/F
DSI2	Digitizer 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	1200	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	20200	US
TWD2	STC Time Width – Upper Dipole	2000	US
TWI2	STC Integration Time Window – Upper Dipole	1600	US
TWSX	Transmitter Waveform Select X	0	

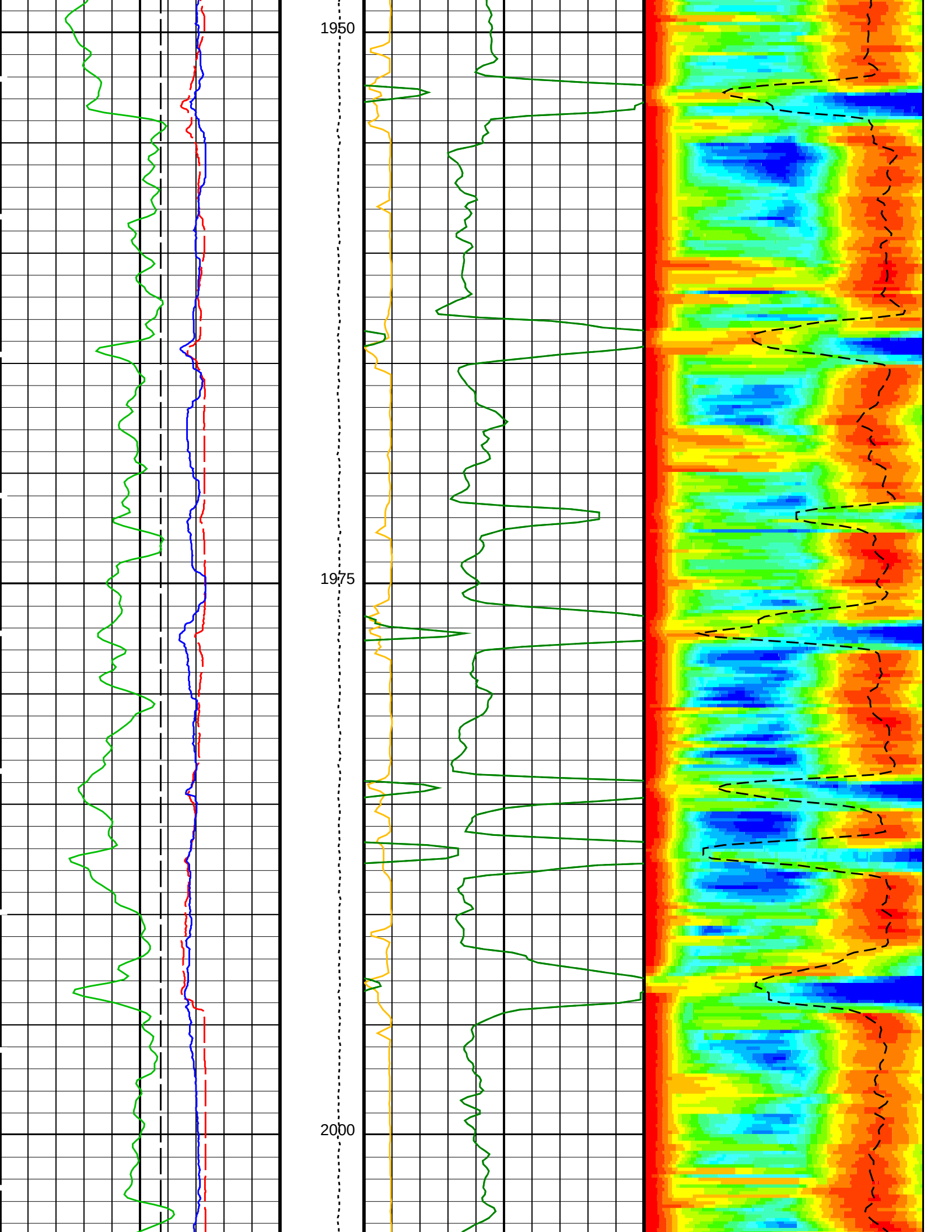


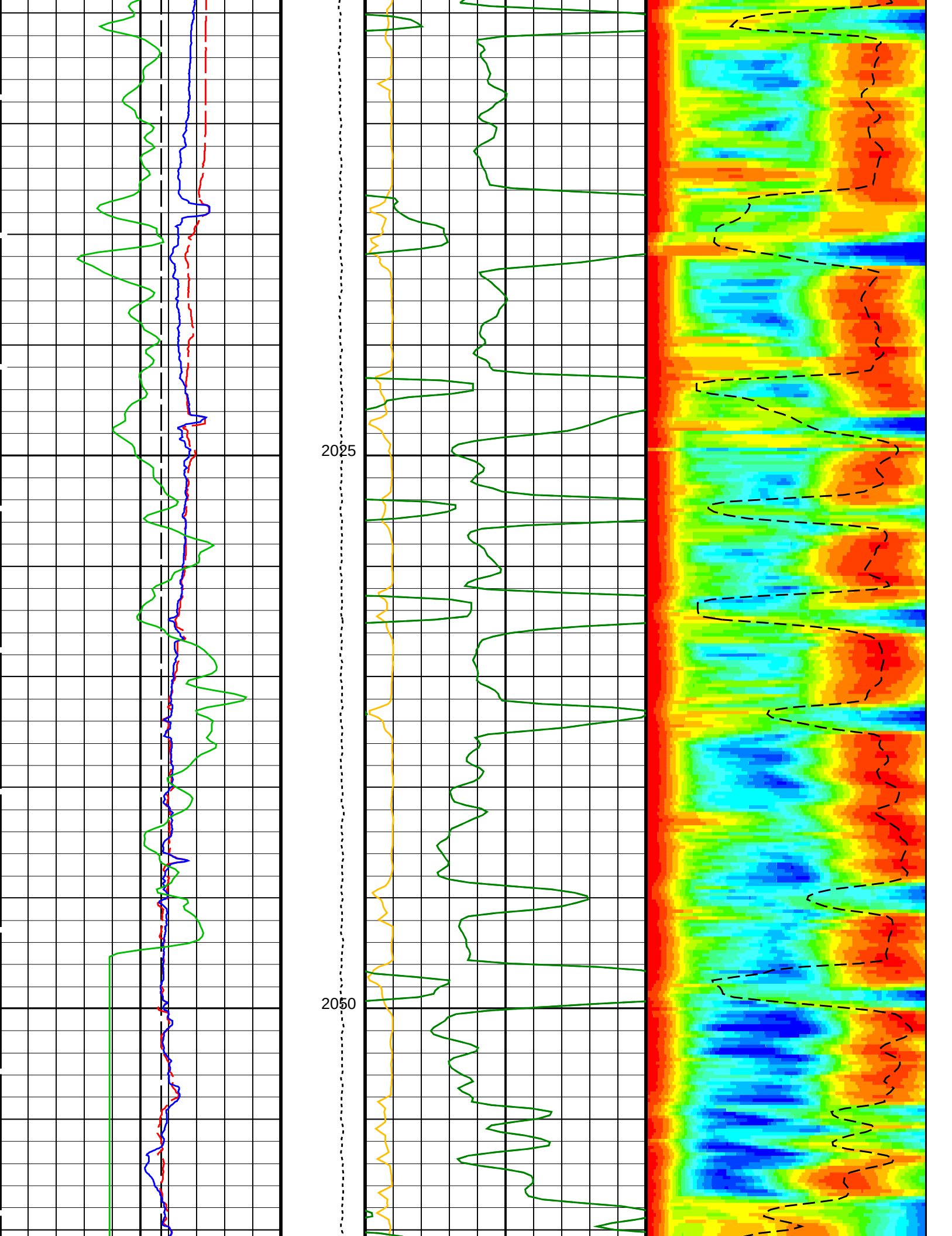


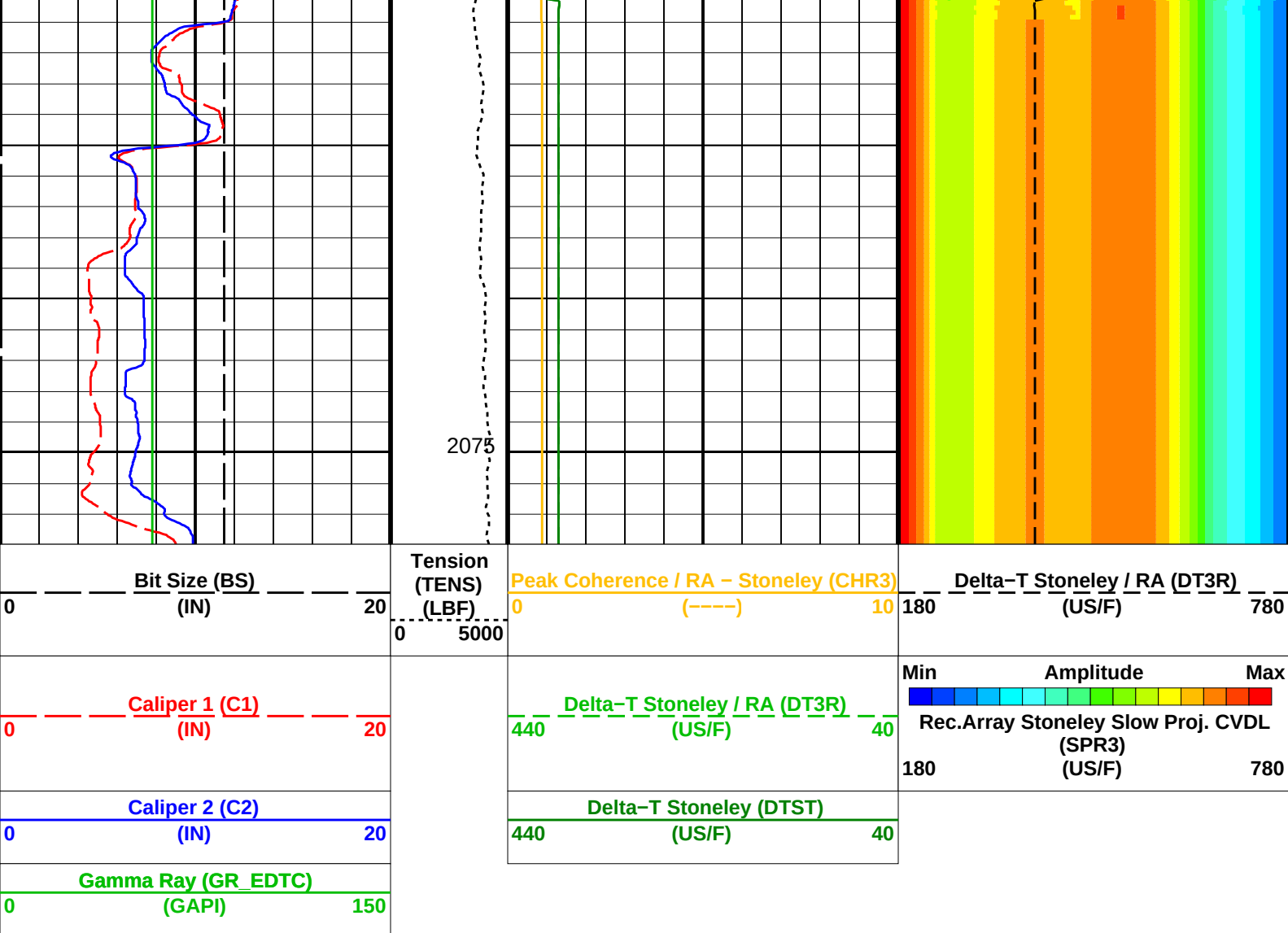












PIP SUMMARY

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/F
SST3	STC Slowness Step – Monopole Stoneley	4	US/F
SSW3	STC Source Waveform – Monopole Stoneley	WE SAM3	

STLL	STC Time for Monopole Stoneley	225	US/F
STUL	Label Slowness Upper Limit – Monopole Stoneley	780	US/F
SUL3	STC Slowness Upper Limit – Monopole Stoneley	780	US/F
SWD3	STC Slowness Width – Monopole Stoneley	40	US/F
TBF3	STC Time for Baseline Fill – Monopole Stoneley	0	US
TLL3	STC Time Lower Limit – Monopole Stoneley	620	US
TST3	STC Time Step – Monopole Stoneley	200	US
TUL3	STC Time Upper Limit – Monopole Stoneley	12020	US
TWD3	STC Time Width – Monopole Stoneley	2000	US
TWI3	STC Integration Time Window – Monopole Stoneley	1600	US
TWSX	Transmitter Waveform Select X	0	
System and Miscellaneous			
BS	Bit Size	11.438	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

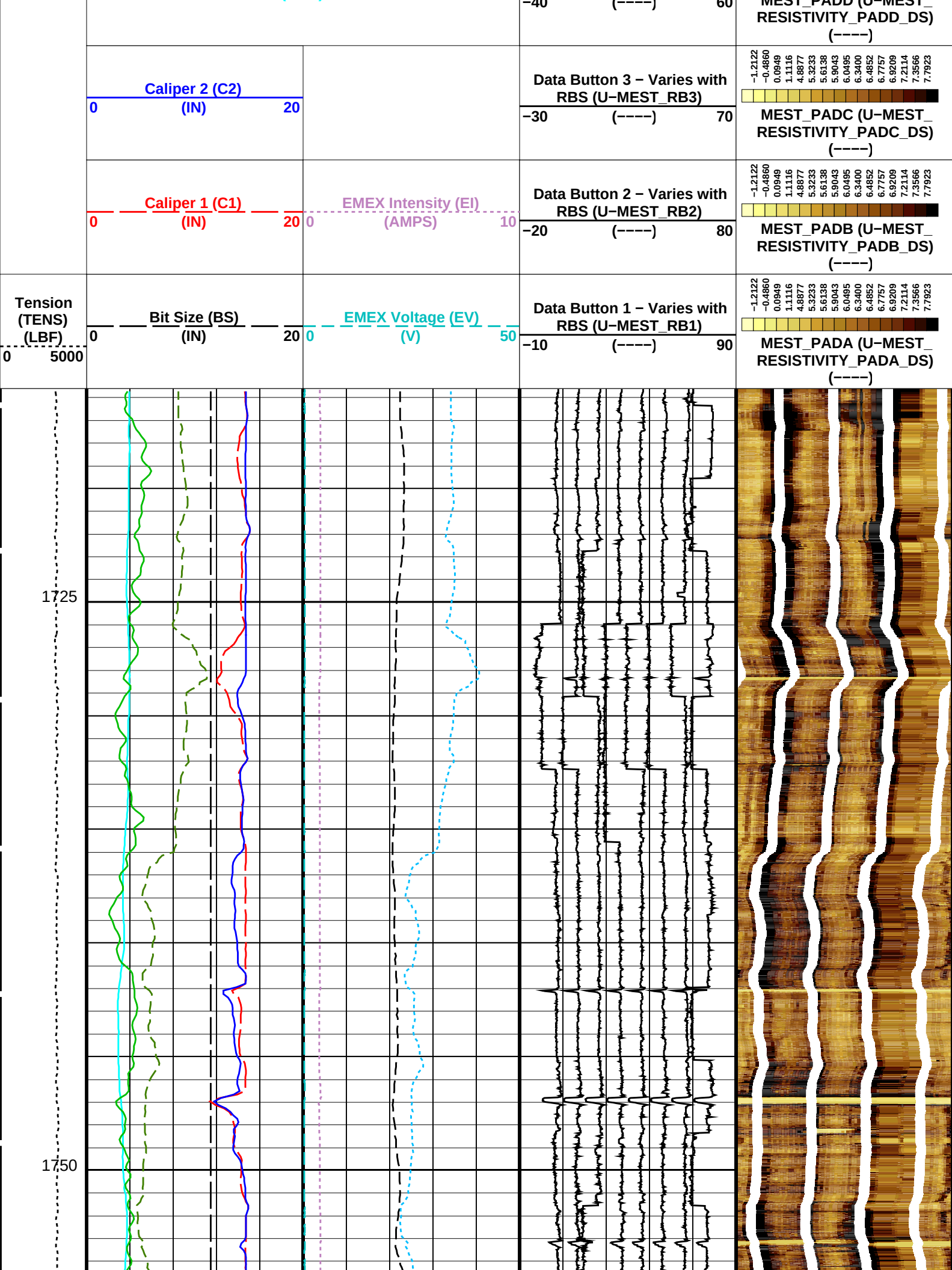
Format: DSST_STONELEY_VDL_COLOR		Vertical Scale: 1:200		Graphics File Created: 04-Oct-2019 06:27		
OP System Version: 19C0-187						
MEST-B	19C0-187	DTA-A	19C0-187			
DSST-B	19C0-187	HNGC-B	19C0-187			
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB			
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_037PUP	FN:42	PRODUCER	03-Oct-2019 20:50	2078.0 M	1715.6 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_043PUP	FN:48	PRODUCER	04-Oct-2019 06:27		

Company: International Ocean Discovery Program				Well: Expedition 385, Site U1545A		
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_037PUP	FN:42	PRODUCER	03-Oct-2019 20:50	2078.0 M	1715.6 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_043PUP	FN:48	PRODUCER	04-Oct-2019 06:27	2078.0 M	1715.6 M
OP System Version: 19C0-187						
MEST-B	19C0-187	DTA-A	19C0-187			
DSST-B	19C0-187	HNGC-B	19C0-187			
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB			

PIP SUMMARY

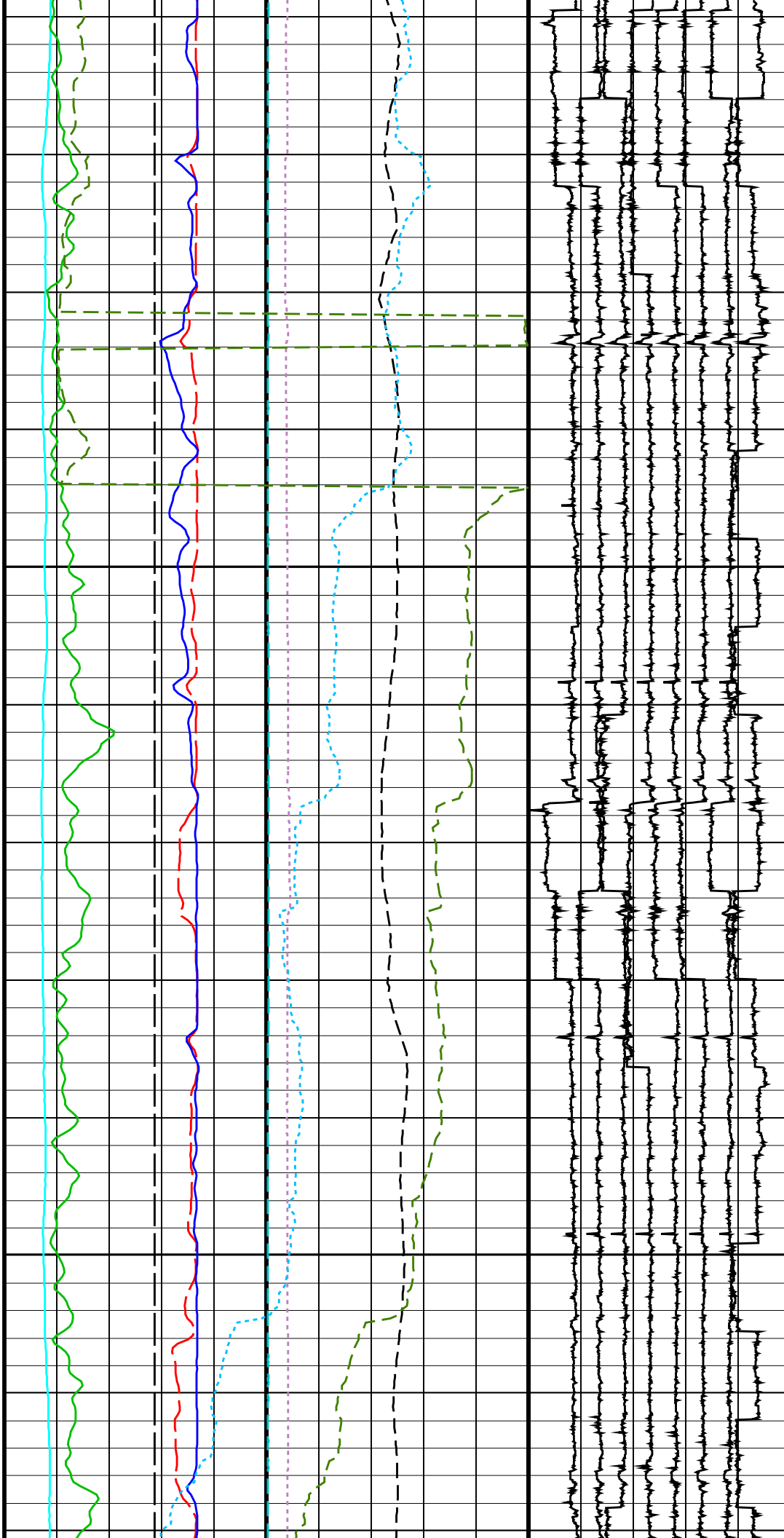
Time Mark Every 60 S

Relative Bearing (RB_MEST) -40 (DEG) 360		Data Button 8 – Varies with RBS (U-MEST_RB8) -80 (----) 20		
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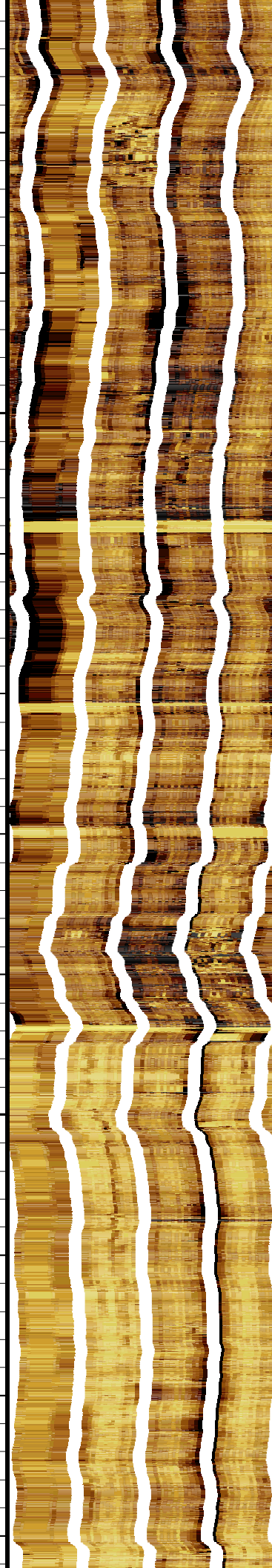
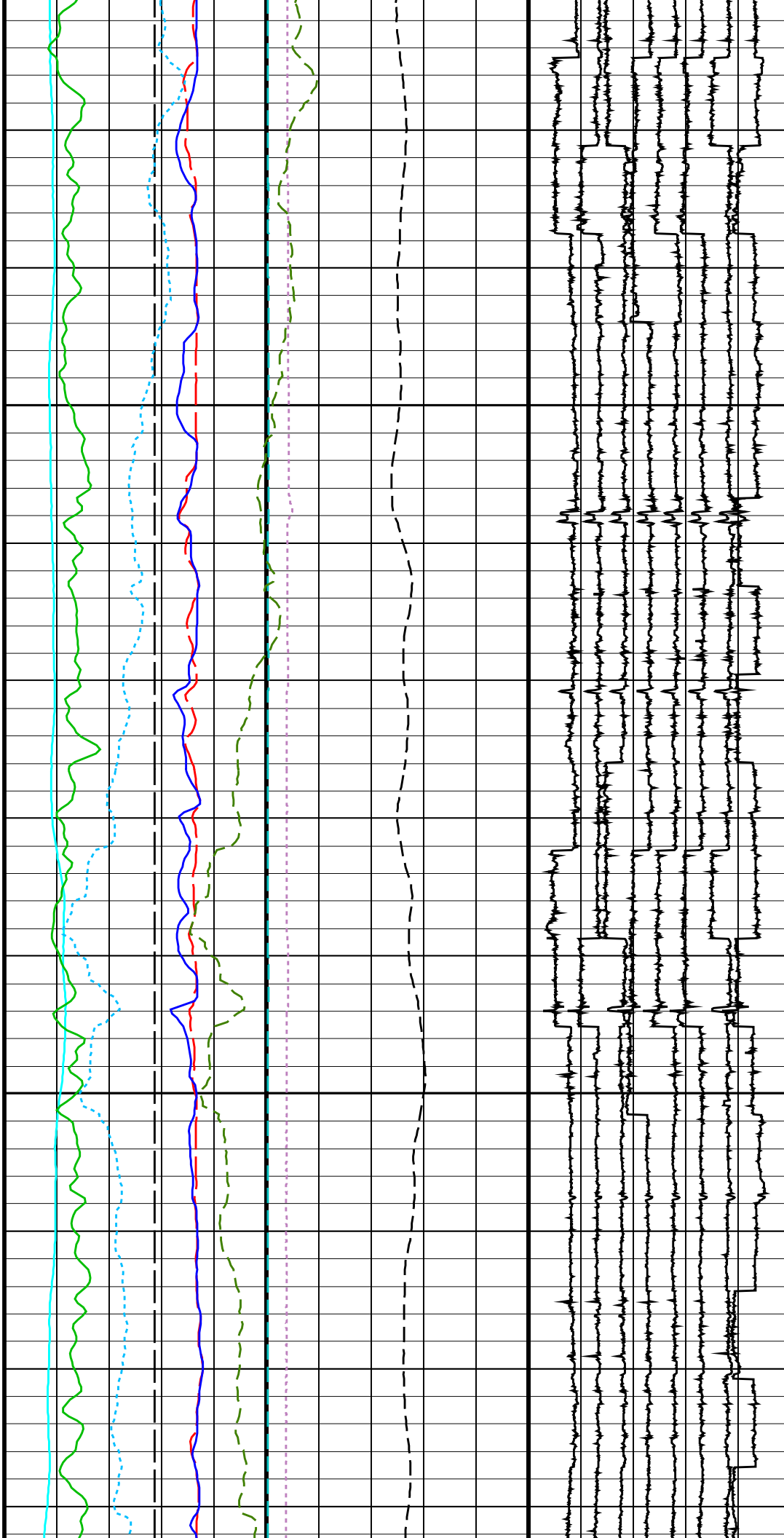
1775

1800



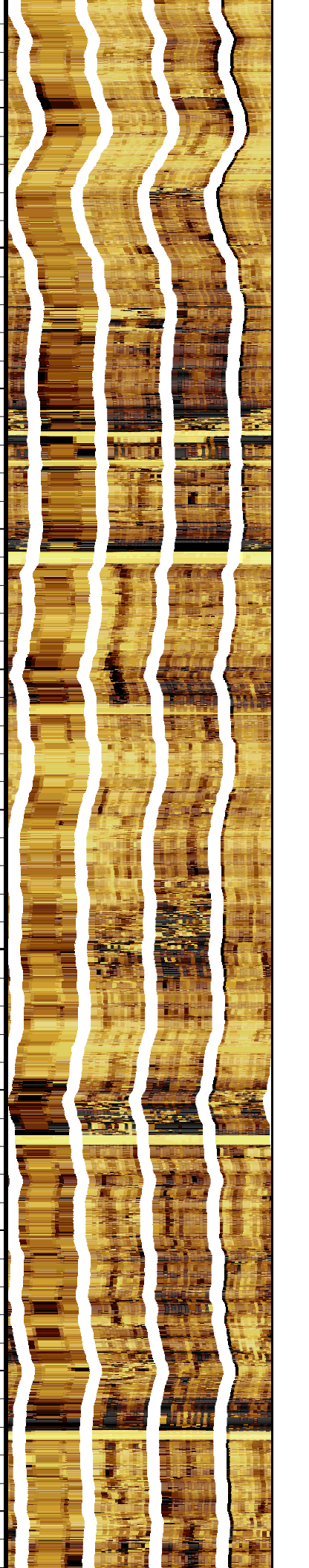
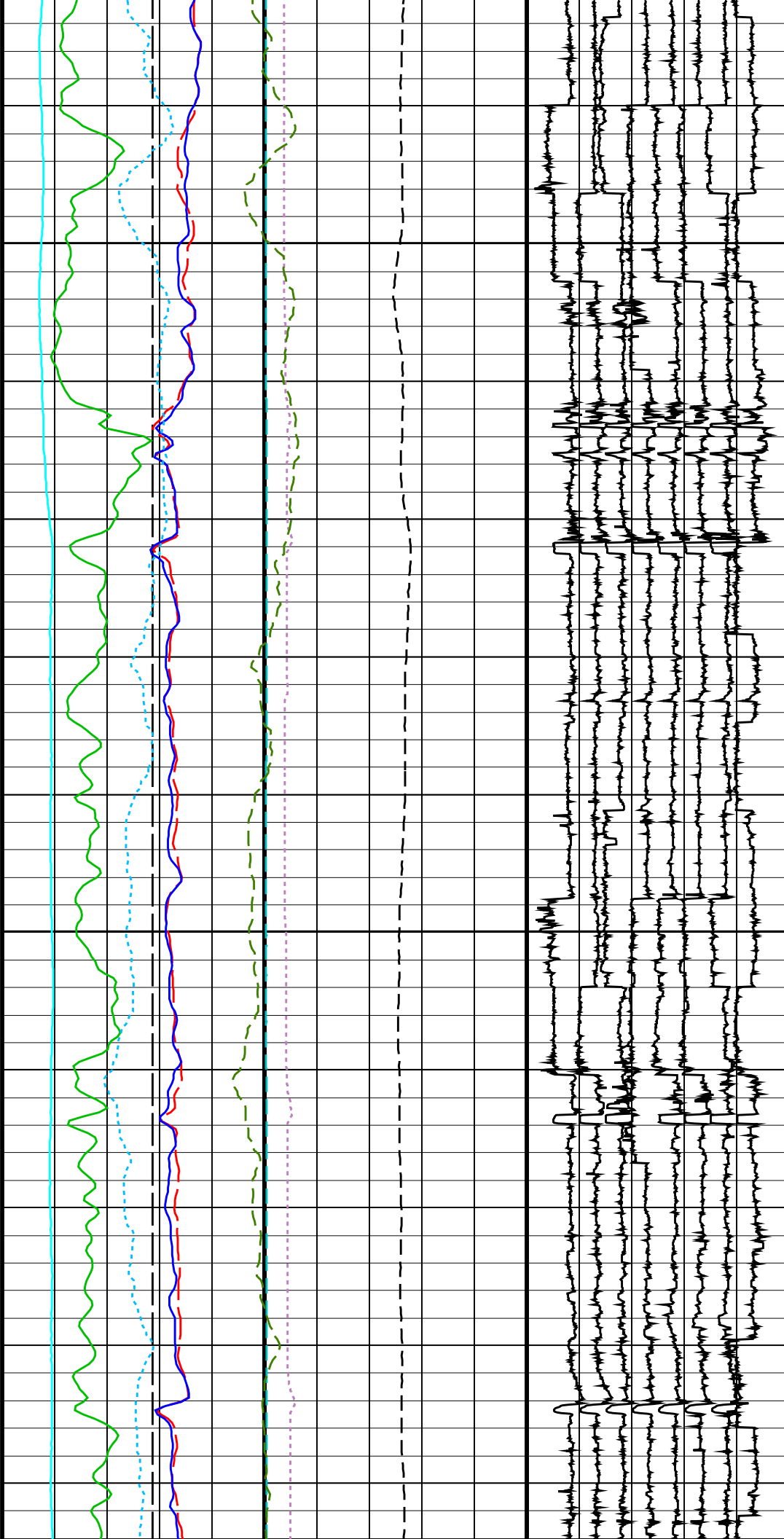
1825

1850



1875

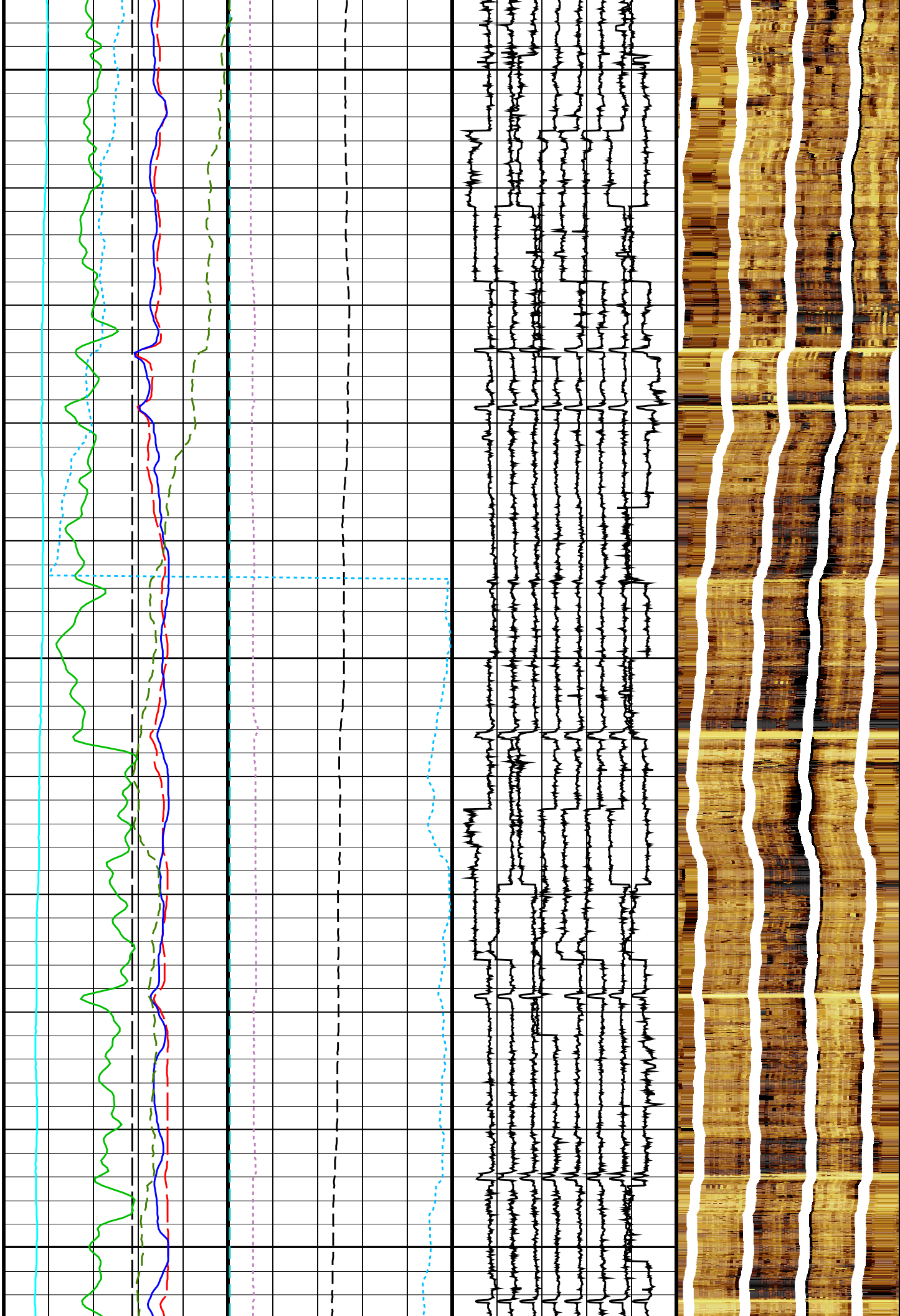
1900

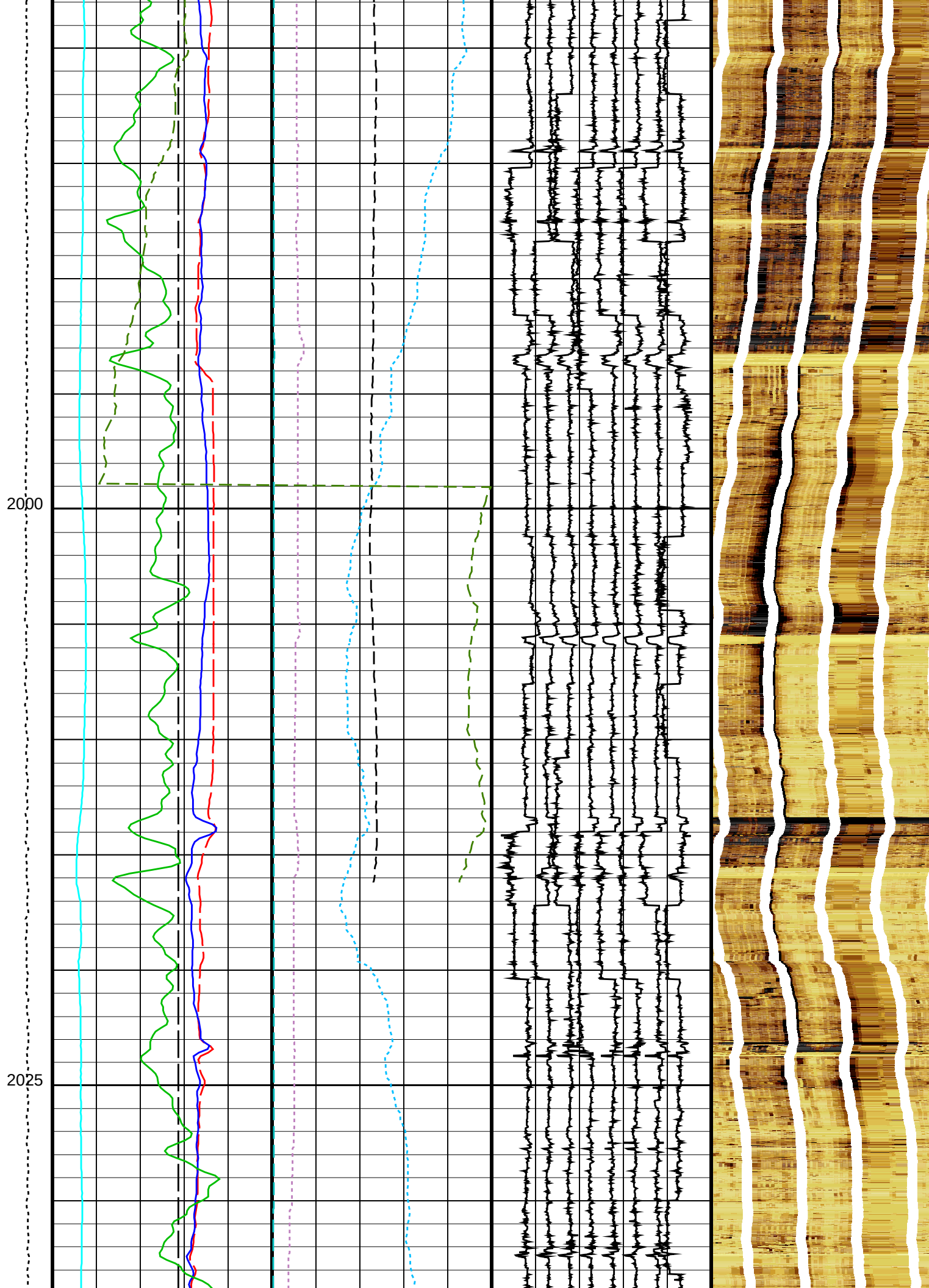


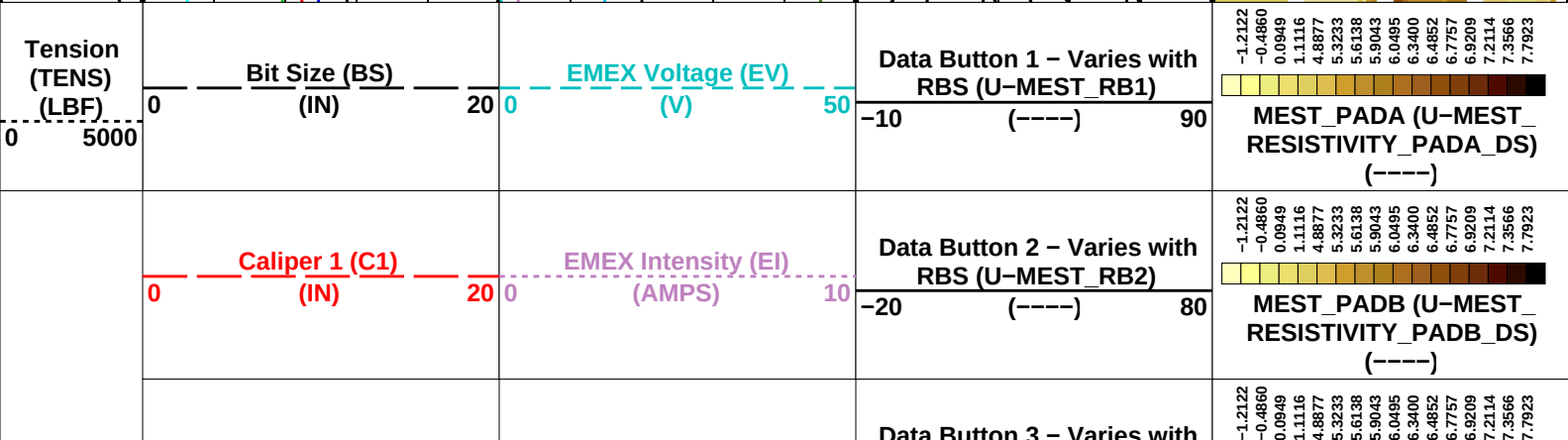
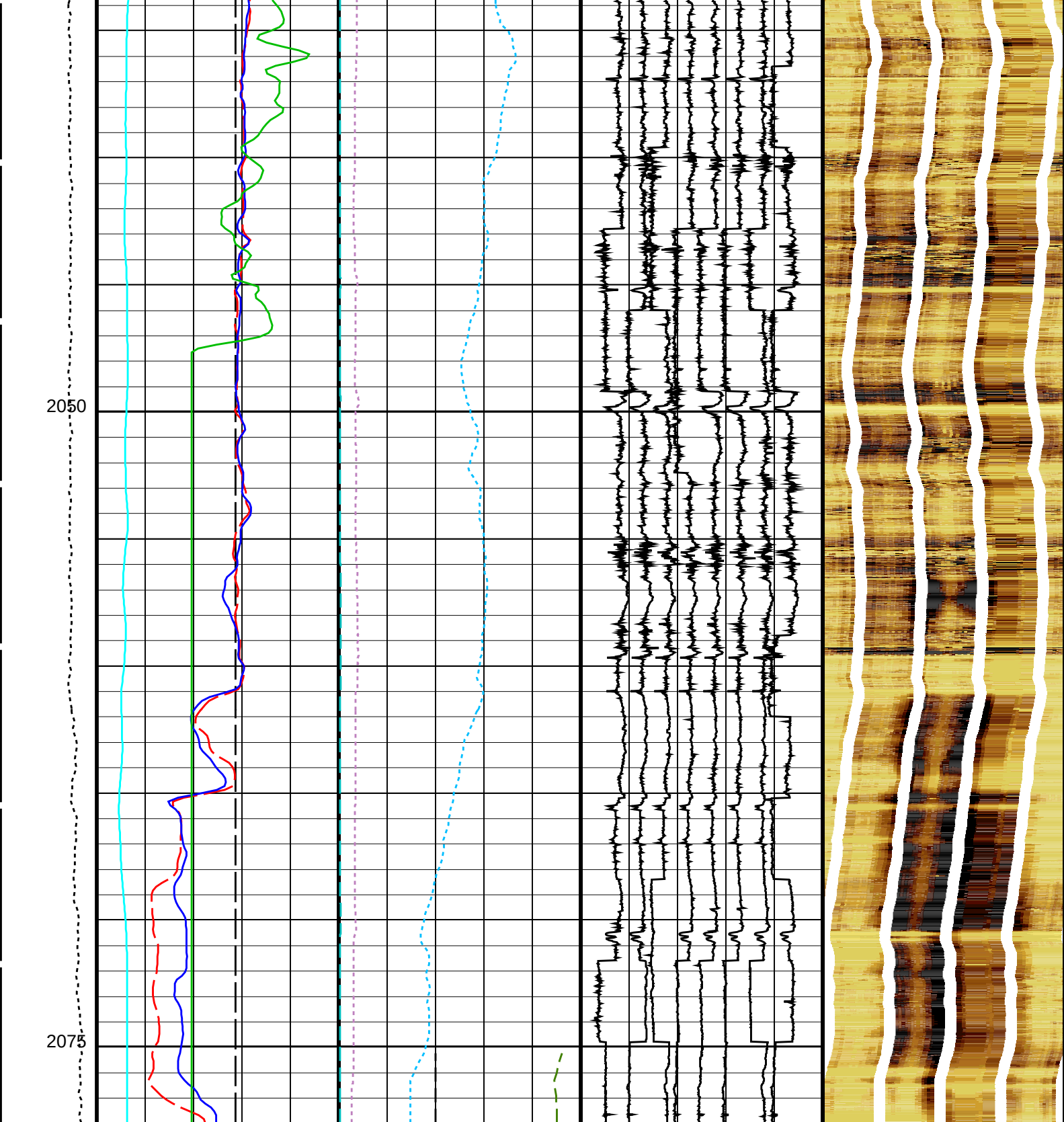
1925

1950

1975







Caliper 2 (C2)		Data Button 3 - Varies with RBS (U-MEST_RB3)		<
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PIP SUMMARY	
Time Mark Every 60 S	

Parameters		
DLIS Name	Description	Value
MEST-B:	Micro Electrical Scanner – B (Slim)	
AFMO	Accelerometer Filtering Mode	MOVING_AVERAGE
ICMO	Inclinometry Computation Mode	AUTOMATIC_SELECTION
MDEC	Magnetic Field Declination	9.09756 DEG
MLM	MEST Logging Mode	SCAN1800
RBS	Resistivity Button Selection	AUTO
XGAI	Gain	GAIN_2
XOFF	Offset	OFFSET_0
System and Miscellaneous		
BS	Bit Size	11.438 IN
DO	Depth Offset for Playback	0.0 M
PP	Playback Processing	RECOMPUTE

Format: MEST_C_WRAP_BY_P1AZ	Vertical Scale: 1:200	Graphics File Created: 04-Oct-2019 06:27
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OP System Version: 19C0-187			
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

Input DLIS Files						
DEFAULT	FMS_DSI_NGS_037PUP	FN:42	PRODUCER	03-Oct-2019 20:50	2078.0 M	1715.6 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_043PUP	FN:48	PRODUCER	04-Oct-2019 06:27		

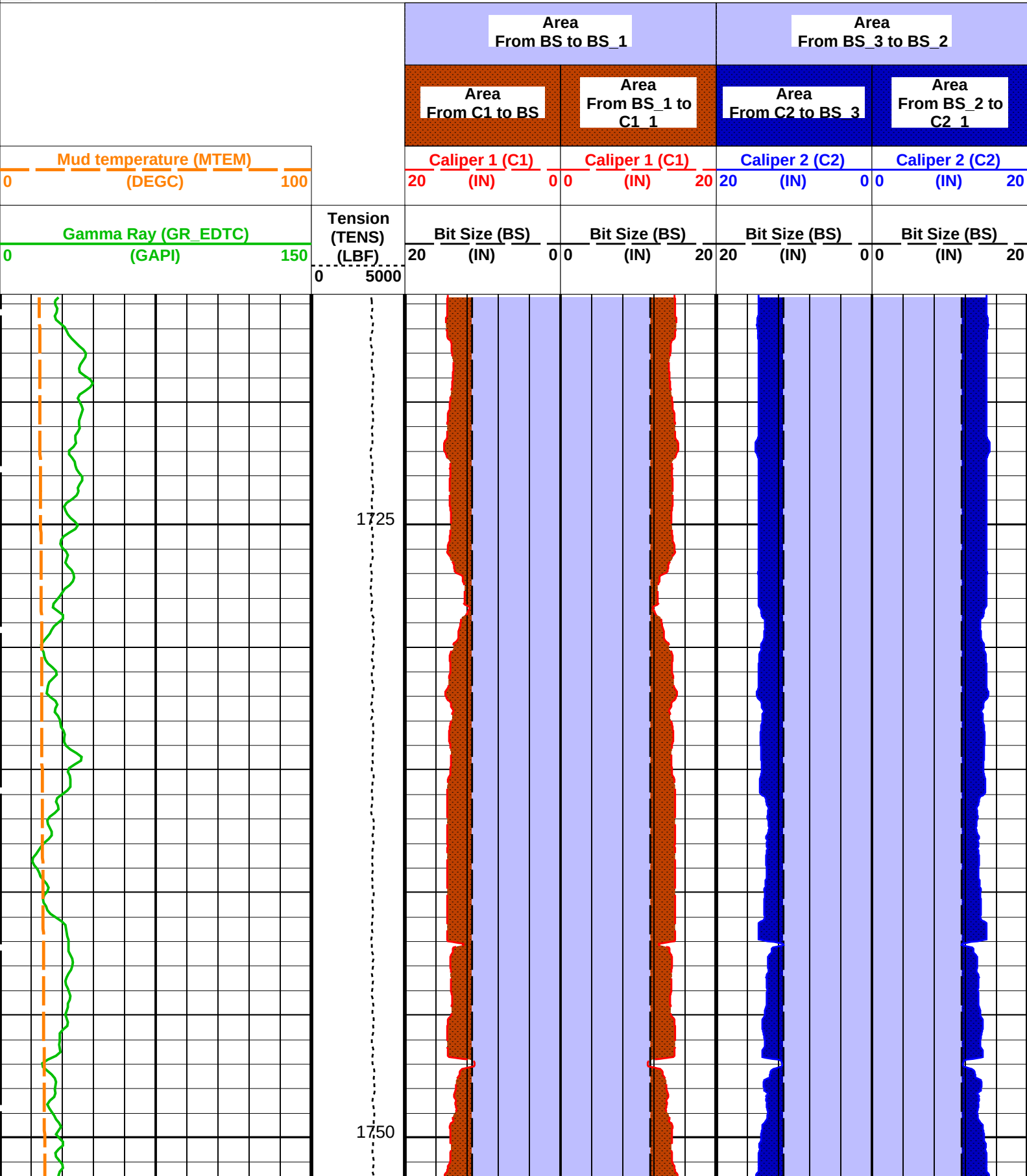
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_037PUP	FN:42	PRODUCER	03-Oct-2019 20:50	2078.0 M	1715.6 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_043PUP	FN:48	PRODUCER	04-Oct-2019 06:27	2078.0 M	1715.6 M

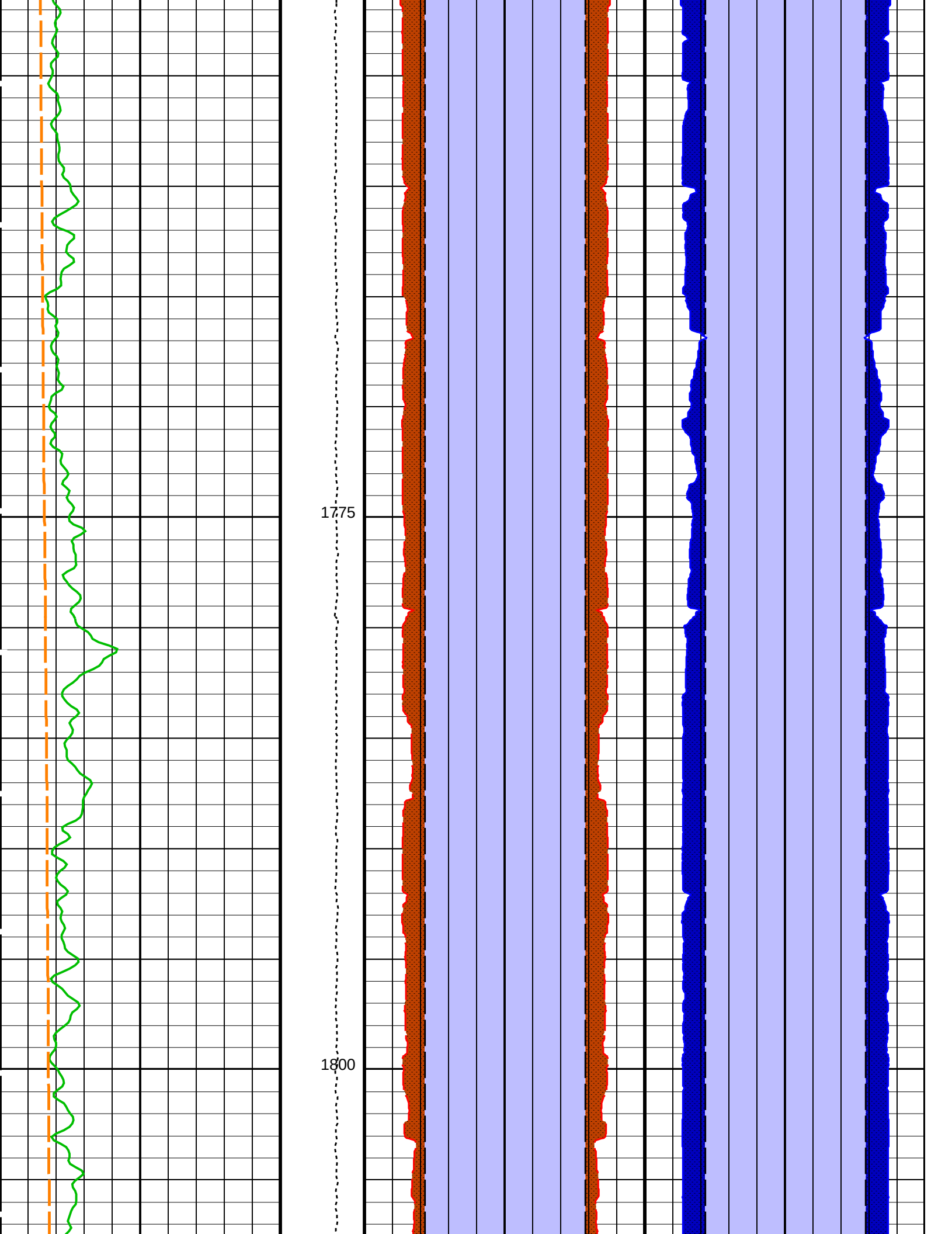
OP System Version: 19C0-187

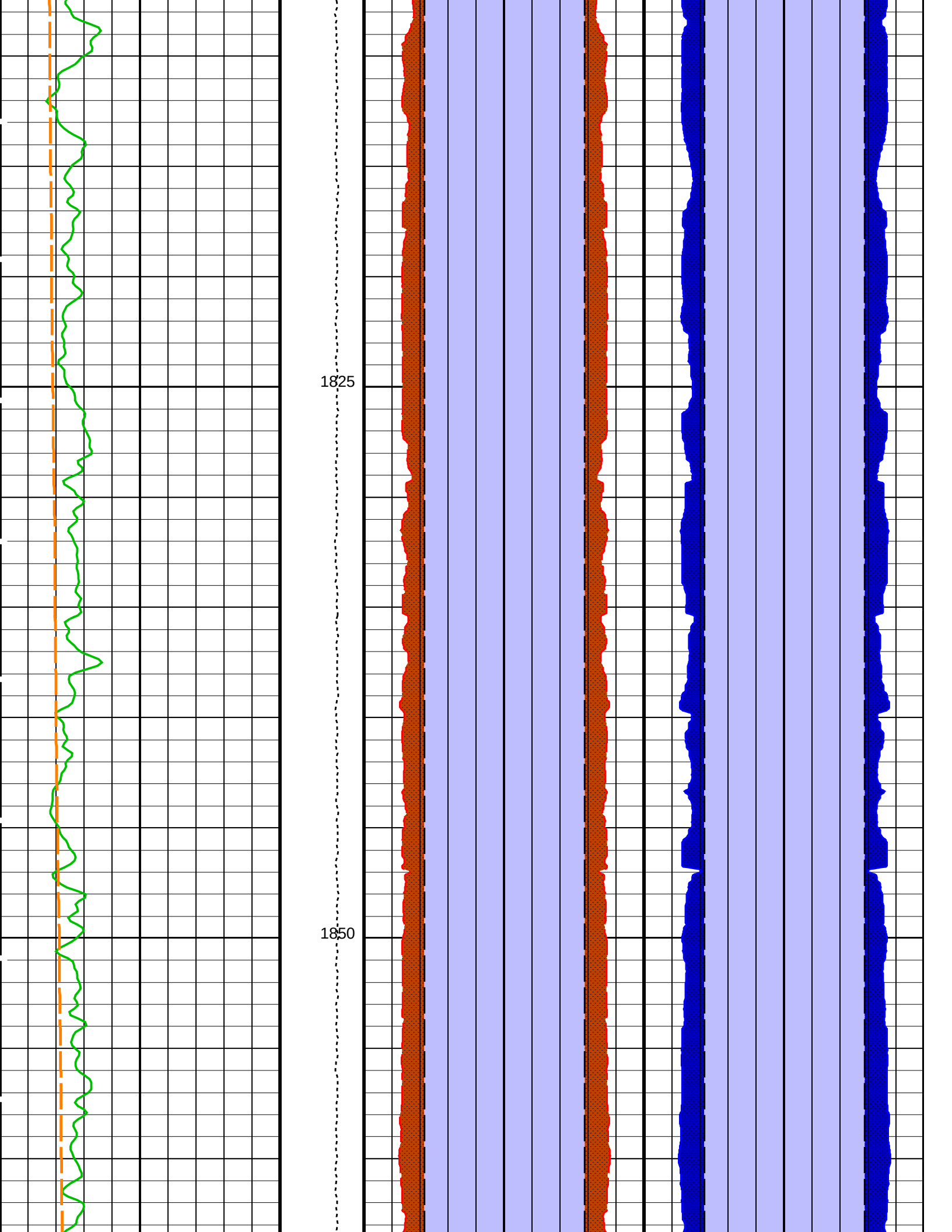
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

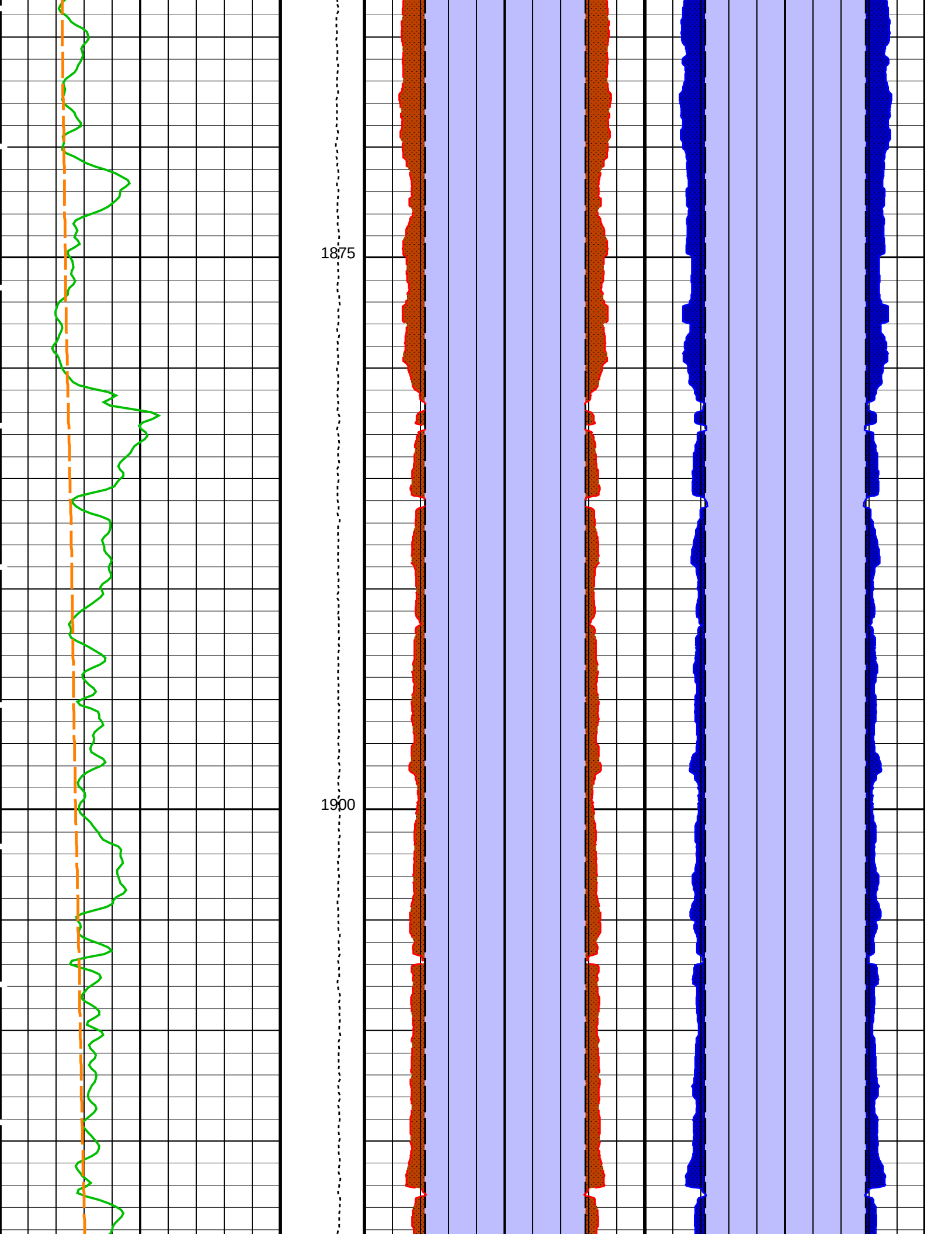
PIP SUMMARY

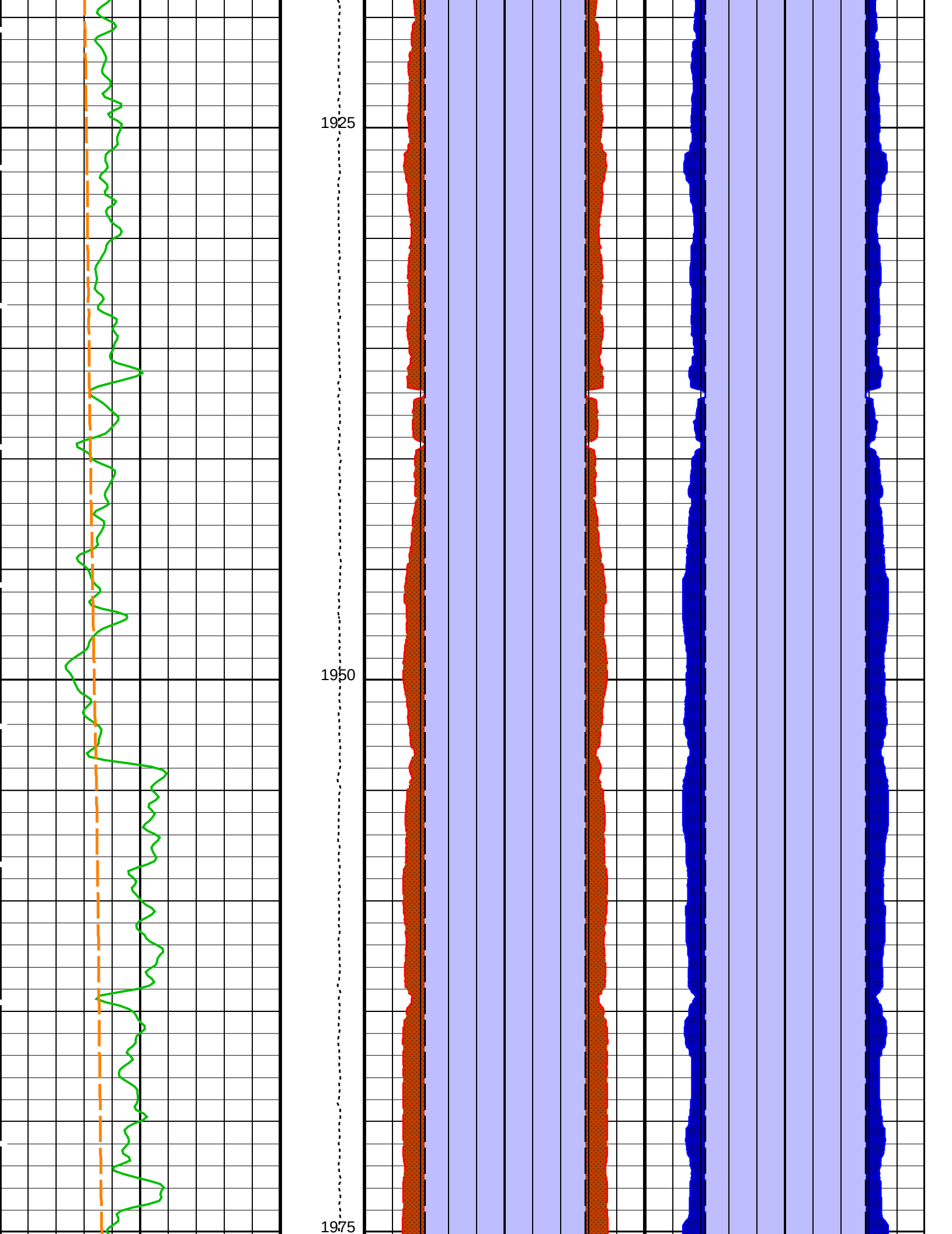
Time Mark Every 60 S

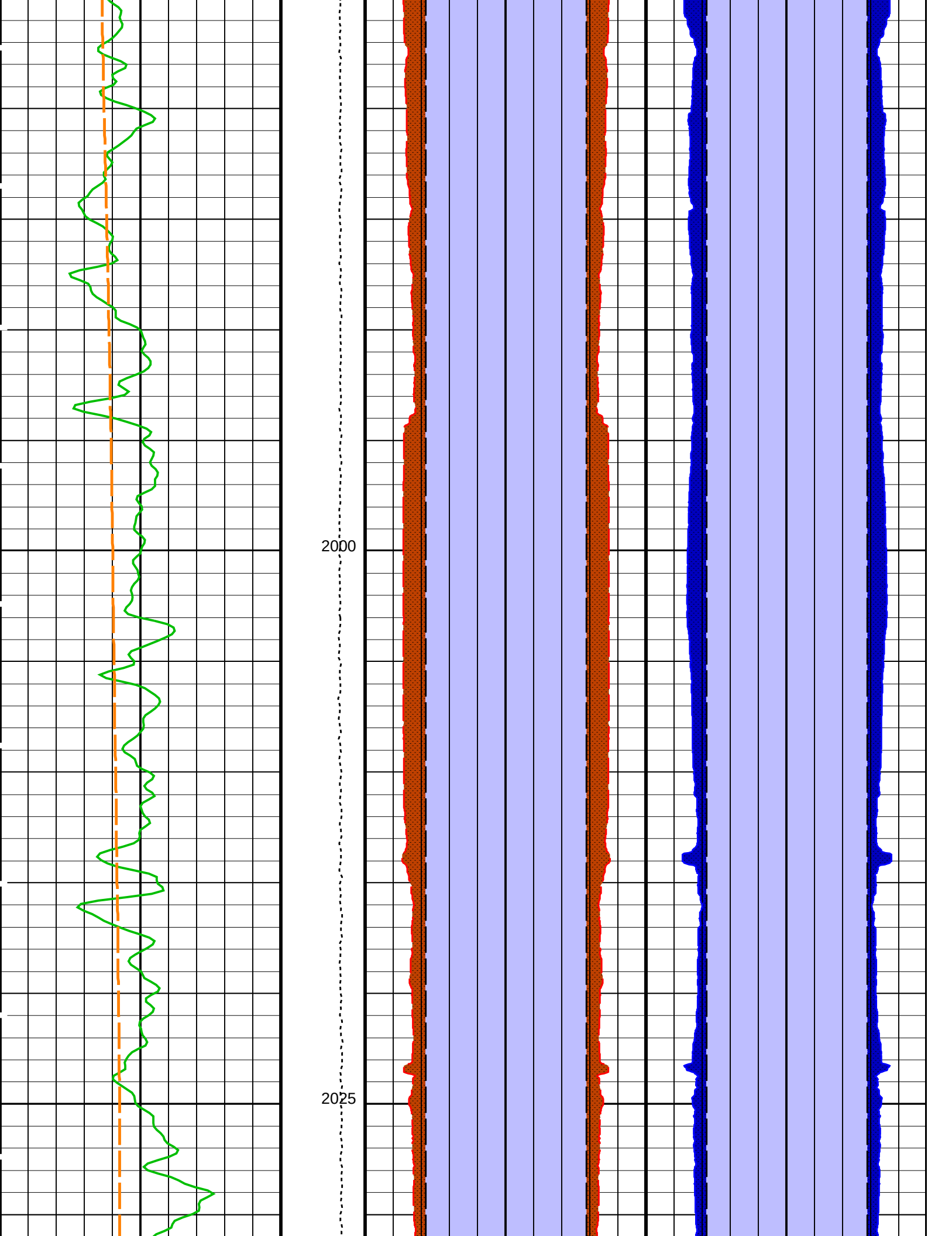


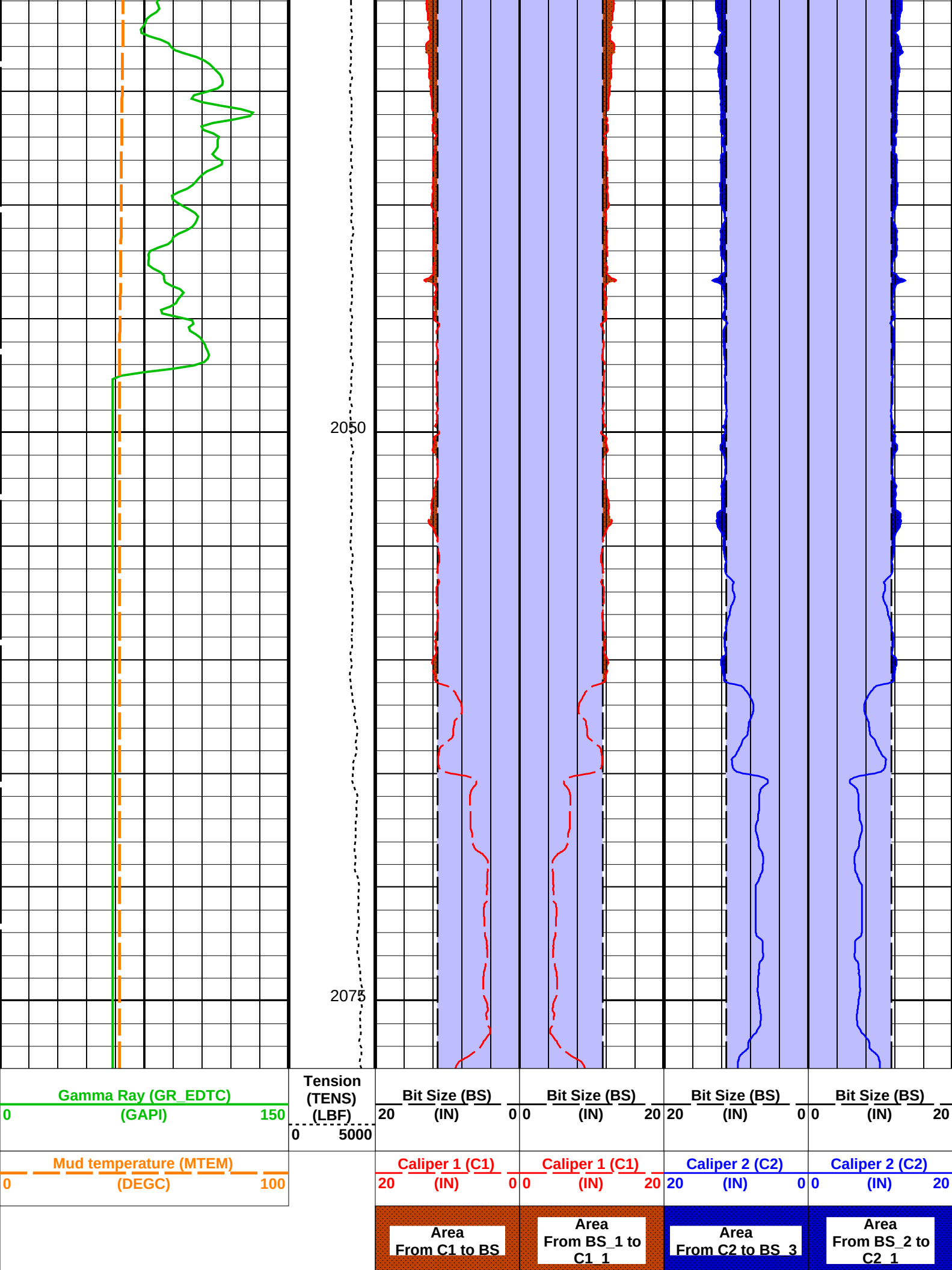












		Area From BS to BS_1		Area From BS_3 to BS_2	
PIP SUMMARY					
Time Mark Every 60 S					
Parameters					
DLIS Name		Description		Value	
System and Miscellaneous					
BS		Bit Size		11.438	IN
DO		Depth Offset for Playback		0.0	M
PP		Playback Processing		RECOMPUTE	
Format: BHP		Vertical Scale: 1:200		Graphics File Created: 04-Oct-2019 06:27	
OP System Version: 19C0-187					
MEST-B	19C0-187	DTA-A	19C0-187		
DSST-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB		
Input DLIS Files					
DEFAULT	FMS_DSI_NGS_037PUP	FN:42	PRODUCER	03-Oct-2019 20:50	2078.0 M 1715.6 M
Output DLIS Files					
DEFAULT	FMS_DSI_NGS_043PUP	FN:48	PRODUCER	04-Oct-2019 06:27	
Schlumberger					
Calibrations					
MAXIS Field Log					

Calibration and Check Summary							
Measurement	Nominal	Master	Before	After	Change	Limit	Units
Micro Electrical Scanner – B (Slim) Wellsite Calibration – Caliper Calibration							
Before: Calibration out of date 19-Aug-2019 15:14							
Caliper 1 Zero Measurement	12.00	N/A	12.82	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	12.00	N/A	12.61	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.19	N/A	15.79	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.19	N/A	15.60	N/A	N/A	N/A	IN
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: 30-Sep-2019 23:10							
TEMPERATURE REFERENCE :	N/A	N/A	20	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	92	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	10	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	448	N/A	N/A	N/A	
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET MAGNETOMETER PROM HAS BEEN READ CORRECTLY							
Before: 30-Sep-2019 23:10							
TEMPERATURE REFERENCE :	N/A	N/A	19	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	99	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	12	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	428	N/A	N/A	N/A	

Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 1 Check								
Master: 18–Aug–2019 15:27 Before: 30–Sep–2019 21:07 After: 1–Oct–2019 2:58								
Na 511 Peak Loc	40.00	39.62	37.49	37.42	–0.06720	1.000		
Na 511 Peak Res	15.50	14.85	16.83	17.08	0.2512	2.000	%	
High Voltage	1150	1182	1213	1215	2.230	N/A	V	
Na 1785 Peak Loc	142.6	142.6	135.3	136.0	0.6954	7.000		
Na 1785 Peak Res	8.500	8.521	8.638	9.068	0.4304	2.000	%	
Temperature	15.50	18.29	34.82	34.40	–0.4194	N/A	DEGC	
Na Count Rate	45.00	17.57	16.07	15.85	–0.2223	8.000	CPS	
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 2 Check								
Master: 18–Aug–2019 15:27 Before: 30–Sep–2019 21:07 After: 1–Oct–2019 2:58								
Na 511 Peak Loc	40.00	39.65	39.61	39.61	0.005054	1.000		
Na 511 Peak Res	15.50	15.15	16.30	16.64	0.3410	2.000	%	
High Voltage	1150	1105	1147	1148	0.7997	N/A	V	
Na 1785 Peak Loc	142.6	141.6	141.8	142.4	0.5772	7.000		
Na 1785 Peak Res	8.500	8.425	9.757	9.217	–0.5399	2.000	%	
Temperature	15.50	18.67	36.49	36.50	0.01271	N/A	DEGC	
Na Count Rate	45.00	17.43	15.90	16.02	0.1256	8.000	CPS	
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Ratio Of Detector 1 To Detector 2								
Master: 18–Aug–2019 15:27 Before: 30–Sep–2019 21:07 After: 1–Oct–2019 2:58								
Coincidence Count Rate Ratio	1.000	1.008	1.004	0.9776	–0.02686	0.05000		
Enhanced DTS Cartridge Wellsite Calibration – EDTC Accelerometer Calibration								
Before: 30–Sep–2019 21:02								
EDTC Z–Axis Acceleration	9.810	N/A	9.749	N/A	N/A	N/A	M/S2	
Enhanced DTS Cartridge Wellsite Calibration – Detector Calibration								
Before: Calibration out of date 18–Aug–2019 15:31 After: 1–Oct–2019 2:54								
Gamma Ray (Jig – Bkg)	129.5	N/A	129.5	124.6	–4.906	11.77	GAPI	
Gamma Ray (Calibrated)	164.0	N/A	164.0	157.8	–6.212	15.00	GAPI	

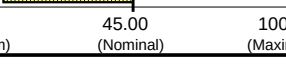
Micro Electrical Scanner – B (Slim) / Equipment Identification			
Primary Equipment:			
MEST Sonde – B	MEDS – B	724	
MEST Preamplifier Cartridge – AB	MEPC – AB	806	
GPIT Cartridge – AC	GPIC – AC	719	
MEST Acquisition Cartridge – A	MEAC – A	804	
Auxiliary Equipment:			
MEST–B Preamplifier Cartridge Housing	MEPH – A	701	
MEST Acquisition Cartridge Housing (Slim)	MEAH – B	769	

Hostile Natural Gamma Ray Cartridge – B / Equipment Identification			
Primary Equipment:			
HNGC Cartridge	HNGC – B	304	
Auxiliary Equipment:			
HNGC Housing	HNGH – A	3	

Hostile Natural Gamma Ray Sonde / Equipment Identification			
Primary Equipment:			
HNGS Sonde	HNGS – BA	99	
Auxiliary Equipment:			
HNGS Sonde Housing	HNSH – BA	102	
Gamma Source Radioactive	GSR – U	6098	

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		39.62	Master		14.85	Master		1182
Before	EXCEEDS LIMIT	37.49	Before		16.83	Before		1213

After	EXCEEDS LIMIT	37.42	After		17.08	After		1215
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	MASTER-BEFORE LIMIT	142.6	Master		8.521	Master		18.29
Before		135.3	Before		8.638	Before		34.82
After		136.0	After		9.068	After		34.40
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		17.57						
Before		16.07						
After		15.85						
10.00 (Minimum)	45.00 (Nominal)	100.0 (Maximum)						
Master: 18-Aug-2019 15:27			Before: 30-Sep-2019 21:07			After: 1-Oct-2019 2:58		

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		39.65	Master		15.15	Master		1105
Before		39.61	Before		16.30	Before		1147
After		39.61	After		16.64	After		1148
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		141.6	Master		8.425	Master		18.67
Before		141.8	Before		9.757	Before		36.49
After		142.4	After		9.217	After		36.50
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		17.43						
Before		15.90						
After		16.02						
10.00 (Minimum)	45.00 (Nominal)	100.0 (Maximum)						
Master: 18-Aug-2019 15:27			Before: 30-Sep-2019 21:07			After: 1-Oct-2019 2:58		

Hostile Natural Gamma Ray Sonde Wellsite Calibration		
Ratio Of Detector 1 To Detector 2		
Phase	Coincidence Count Rate Ratio	Value
Master		1.008
Before		1.004
After		0.9776
0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)
Master: 18-Aug-2019 15:27		
Before: 30-Sep-2019 21:07		
After: 1-Oct-2019 2:58		

Enhanced DTS Cartridge / Equipment Identification

Primary Equipment:

EDTC Gamma Ray Detector
Enhanced DTS Cartridge

EDTG - A/B
EDTC - B

8305
8317

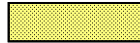
Auxiliary Equipment:

EDTC Housing

EDTH - B

8303

Enhanced DTS Cartridge Wellsite Calibration		
EDTC Accelerometer Calibration		
Phase	EDTC Z-Axis Acceleration M/S2	Value
Before		9.749
	9.610 (Minimum) 9.810 (Nominal) 10.01 (Maximum)	
Before: 30-Sep-2019 21:02		

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				9.896	Before				129.5	Before				164.0
After				4.253	After				124.6	After				157.8
0 (Minimum) 30.00 (Nominal) 120.0 (Maximum)					117.7 (Minimum) 129.5 (Nominal) 141.3 (Maximum)					149.0 (Minimum) 164.0 (Nominal) 179.0 (Maximum)				
Before: Calibration out of date 18-Aug-2019 15:31 After: 1-Oct-2019 2:54														

Company: **International Ocean Discovery Program**

Schlumberger

Well: **Expedition 385, Site U1545A**

Field: **Guaymas Basin Techtonics and Biosphere**

Rig: **JOIDES Resolution**

Country: **Mexico**

Dipole Shear Sonic (DSI)
Formation Micro-Imager (FMS)