Schlumberger

Company: **International Ocean Discovery Program**

Well: **Expedition 385, Site U1546C**
Field: **Guaymas Basin Techtonics and Biosphere**
Rig: **JOIDES Resolution** Country: **Mexico**

Dipole Sonic Imager (DSI)
Formation Microresistivity Sonde (FMS)

Rig: JOIDES Resolution
Field: Guaymas Basin Techtonics and B
Location: Latitude: N 27* 37.8732'
Well: Expedition 385, Site U1546C
Company: International Ocean Discovery Pr

LOCATION

Latitude: N 27* 37.8732'
Longitude: W 111* 52.7575'

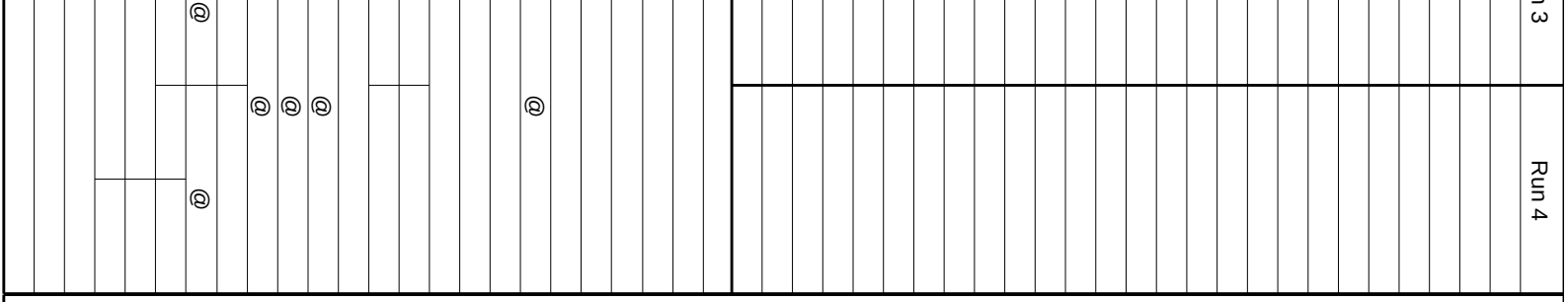
Elev.: K.B. 0.00 m
G.L. −1596.60 m
D.F. 0.00 m

Permanent Datum: Sea Floor — Elev.: −1596.60 m
Log Measured From: Rig Floor — 1596.60 m above Perm. Datum
Drilling Measured From: Rig Floor

Ocean: Pacific	Max. Well Deviation 0 deg	Longitude W 111.8792917	Latitude N 27.63122

	Run 1	Run 2	Run
Logging Date	12−Oct−2019		
Run Number	2		
Depth Driller	2136.8 m		
Schlumberger Depth	2121.6 m		
Bottom Log Interval	2121.6 m		
Top Log Interval	1596.6 m		
Casing Driller Size @ Depth	5.500 in @ 1677 m	@	
Casing Schlumberger	1677 m		
Bit Size	11.438 in		
Type Fluid In Hole	Sea Watar		
MUD Density / Viscosity	1.05 g/cm3		
MUD Fluid Loss / PH	8.07		
MUD 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	13−Oct−2019 / 0:00		
Logger On Bottom / Time	14−Oct−2019 / 9:05		
Unit Number / Location	626501 / Larose, LA		
Recorded By	C. Furman		
Witnessed By	F. Neumann		

	Run 1	Run 2	Run
Logging Date			
Run Number			
Depth Driller			
Schlumberger Depth			
Bottom Log Interval			
Top Log Interval			
Casing Driller Size @ Depth	@		
Casing Schlumberger			
Bit Size			
Type Fluid In Hole			
MUD Density / Viscosity			
MUD Fluid Loss / PH			
MUD Source Of Sample			
RM @ Measured Temperature	@		
RMF @ Measured Temperature	@		
RMC @ Measured Temperature	@		
Source RMF / RMC			
RM @ MRT / RMF @ MRT	@ / @		
Maximum Recorded Temperatures			
Circulation Stopped / Time			
Logger On Bottom / Time			
Unit Number / Location			
Recorded By			
Witnessed By			



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 RCB BHA at 9−7/8" BS	
Bit dropped using MBR before logging	
Drilled TD was 2136.8mbrf; this run could not descend below 2121.6mbrf due to hole conditions	
Drill Piipe set at 1677mbrf for logging.	
Tools centralized with 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; closed 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−enting pipe.	
Mud Temperature recorded using LEH−MT for qualitative analysis of borehole fluid temperature.	
DSI run with the following modes active:	
Lower Dipole in Low Frequency	
Upper Dipole in Standard Frequency	
Stoneley in Standard Frequency	
P&S Monopole in Standard Frequency	

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

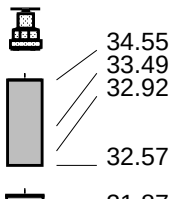
EQUIPMENT DESCRIPTION

RUN 1 RUN 2

SURFACE EQUIPMENT

GSR−U 6098
WITM (EDTS)−A

DOWNHOLE EQUIPMENT



LEH−MT	MDSB_EDTC		35.51
LEH−MT 301	Mud Tempe	34.55	
	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	

HNGS−BA
HNGS−BA 99
HNSH−BA 102

Upper_1 31.87
Lower_2 31.66

32.57

HNGC−B
HNGH−A 3

HNGC Stat 29.54

30.07

AH−MCD2
AH−MCD2 1663

29.01

DSST−B
SPAC−B 8194
ECH−SD 8183
SMDR−BD 8232
SSIJ−BA 8192
SMDX−AA 8131

26.73

PWF 11.18

AH−MCD
AH−MCD 82

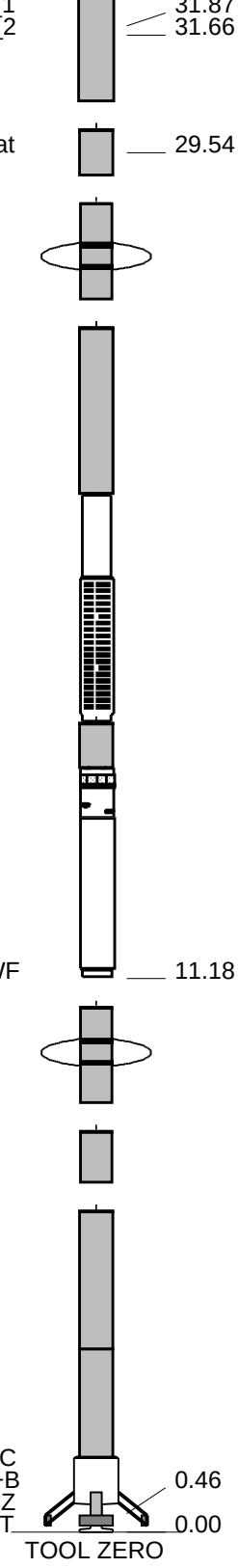
11.18

DTA−A
ECH−KE 8451

8.90

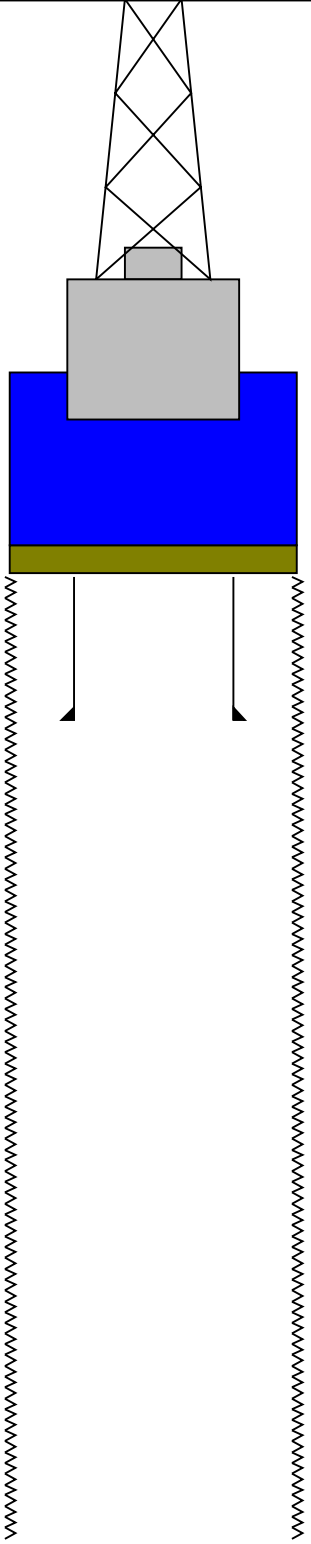
MEST−B
MEAH−B 769
MEAC−A 804
MEPH−A 702
GPIC−AC 719
MEPC−AB 807
MEDS−B 724

7.68



MAXIMUM STRING DIAMETER 3.75 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

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

Kelly Bushing Elevation			0.0					
Derrick Floor Elevation			0.0					
Mean Sea Level			11.0					
					1596.6	9.875	4.000	Sea Floor
					1677.0	5.500	4.000	Bit
					2136.8	9.875		TD – Driller

Schlumberger

Main Pass
1:200 Scale

MAXIS Field Log

Input DLIS Files

DEFAULT	FMS_DSI_NGS_028LUP	FN:37	PRODUCER	14−Oct−2019 14:12	2121.4 M	1586.3 M

Output DLIS Files

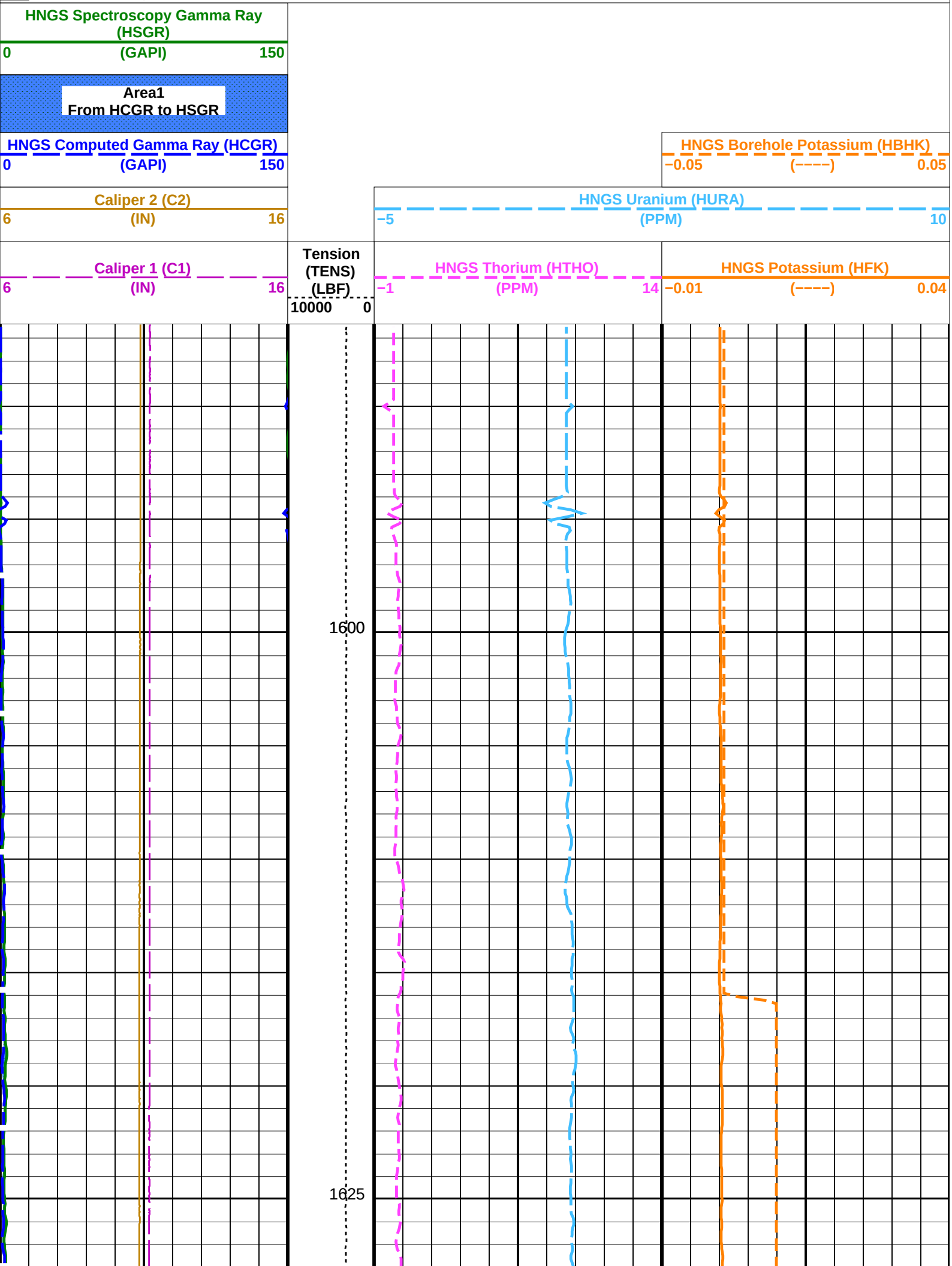
DEFAULT	FMS_DSI_NGS_043PUP	FN:52	PRODUCER	15−Oct−2019 18:09	2121.4 M	1586.3 M

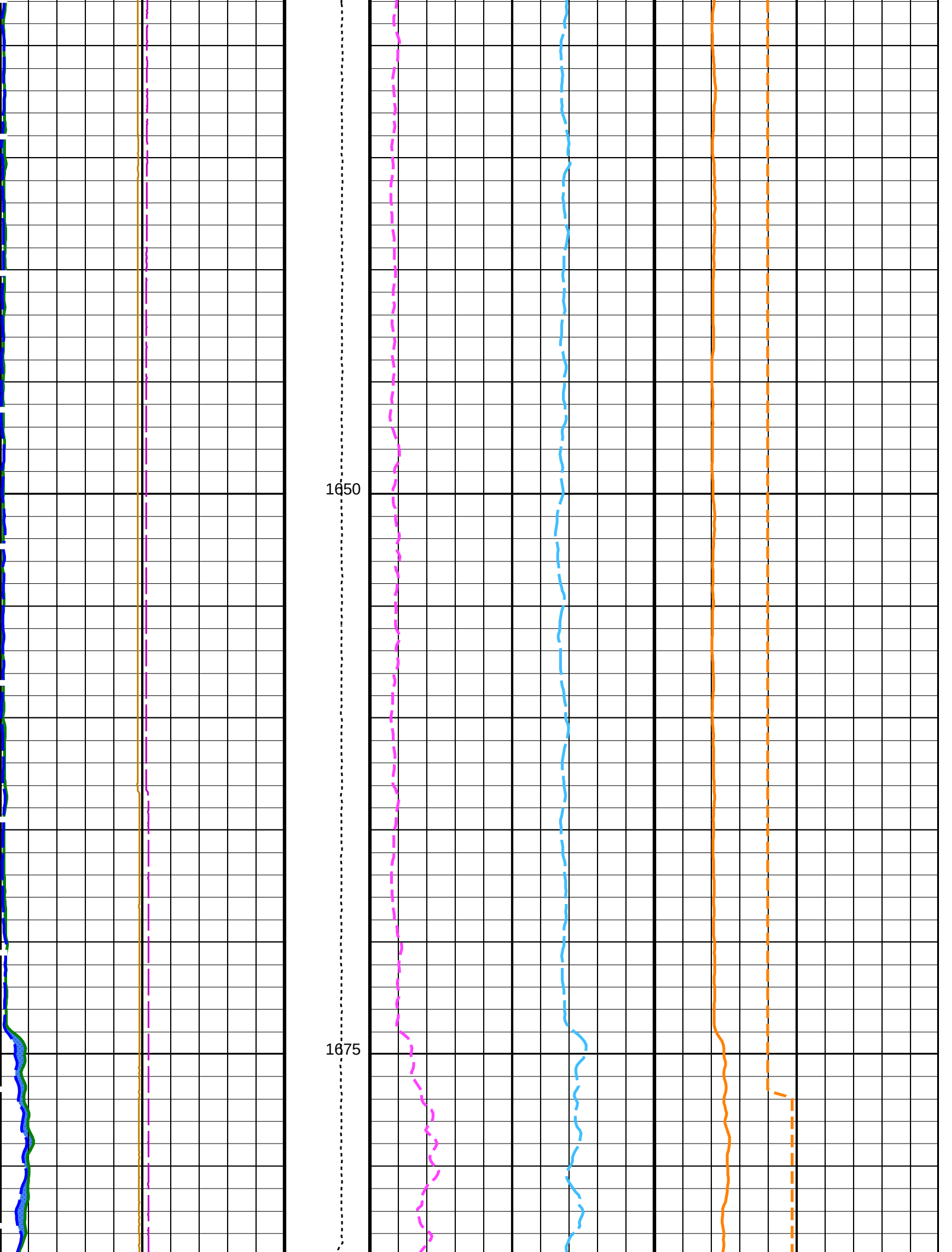
OP System Version: 19C0−187

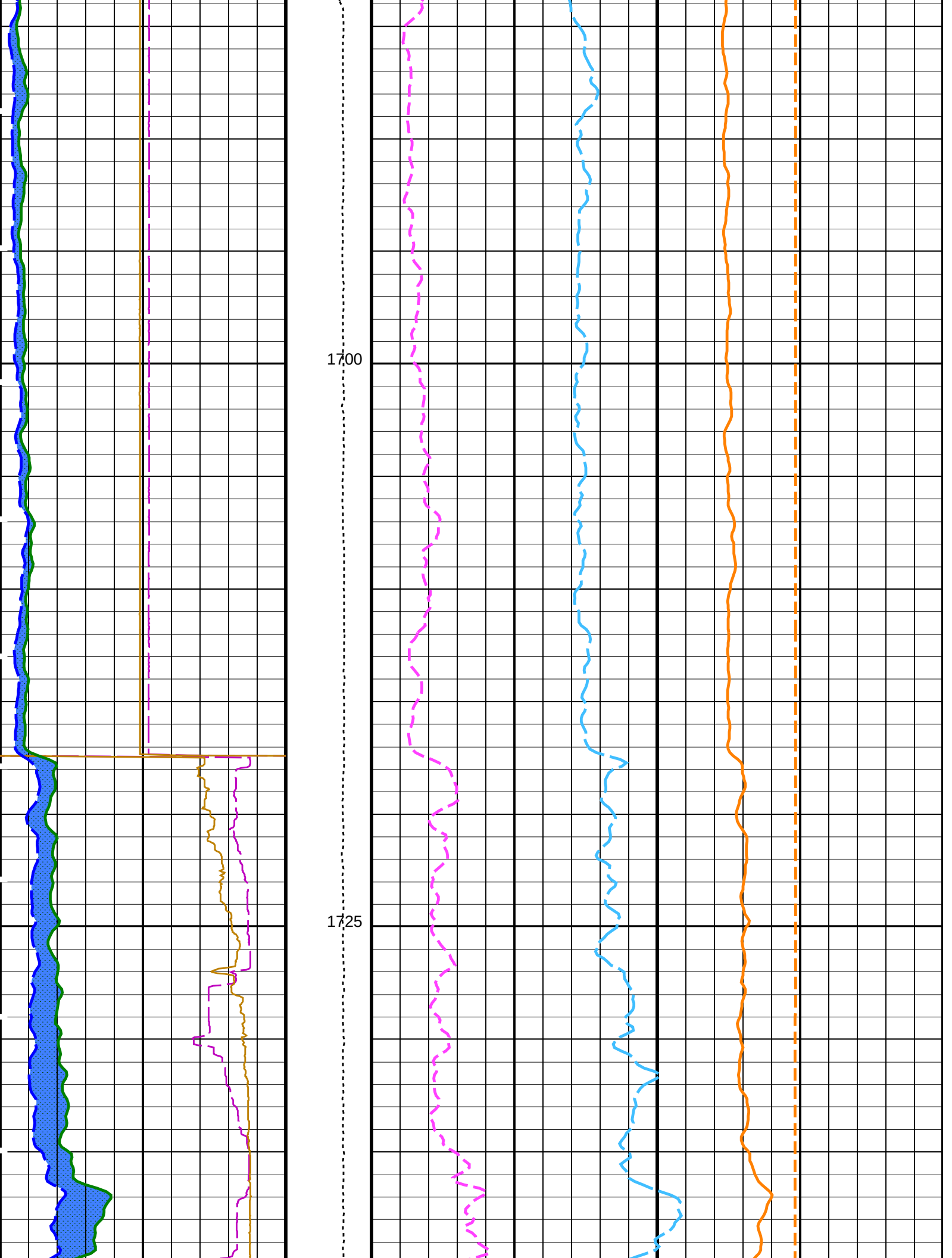
MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	HNGC−B	19C0−187
HNGS−BA	19C0−187	EDTC−B	SKK−5169−EDTCB

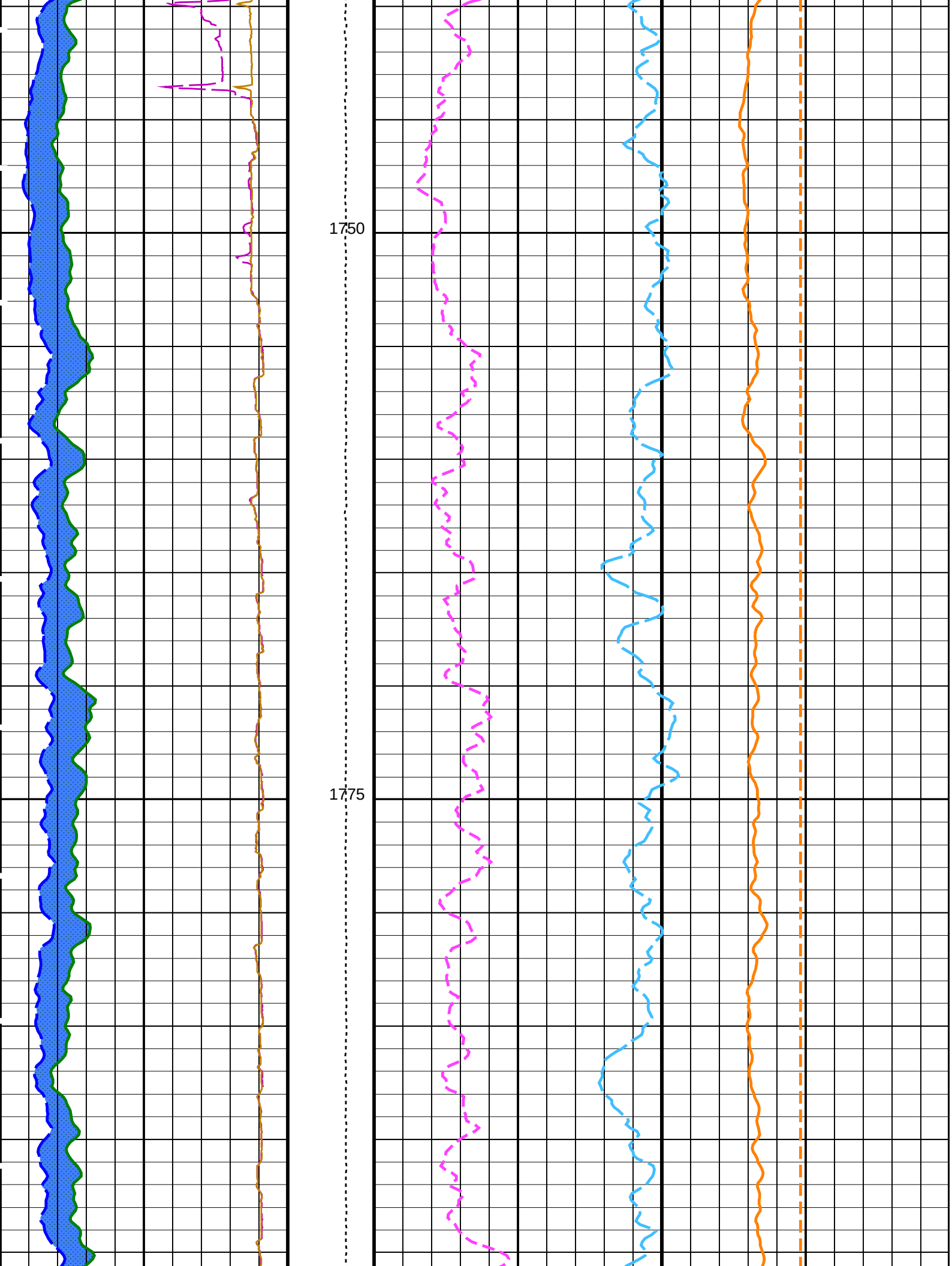
PIP SUMMARY

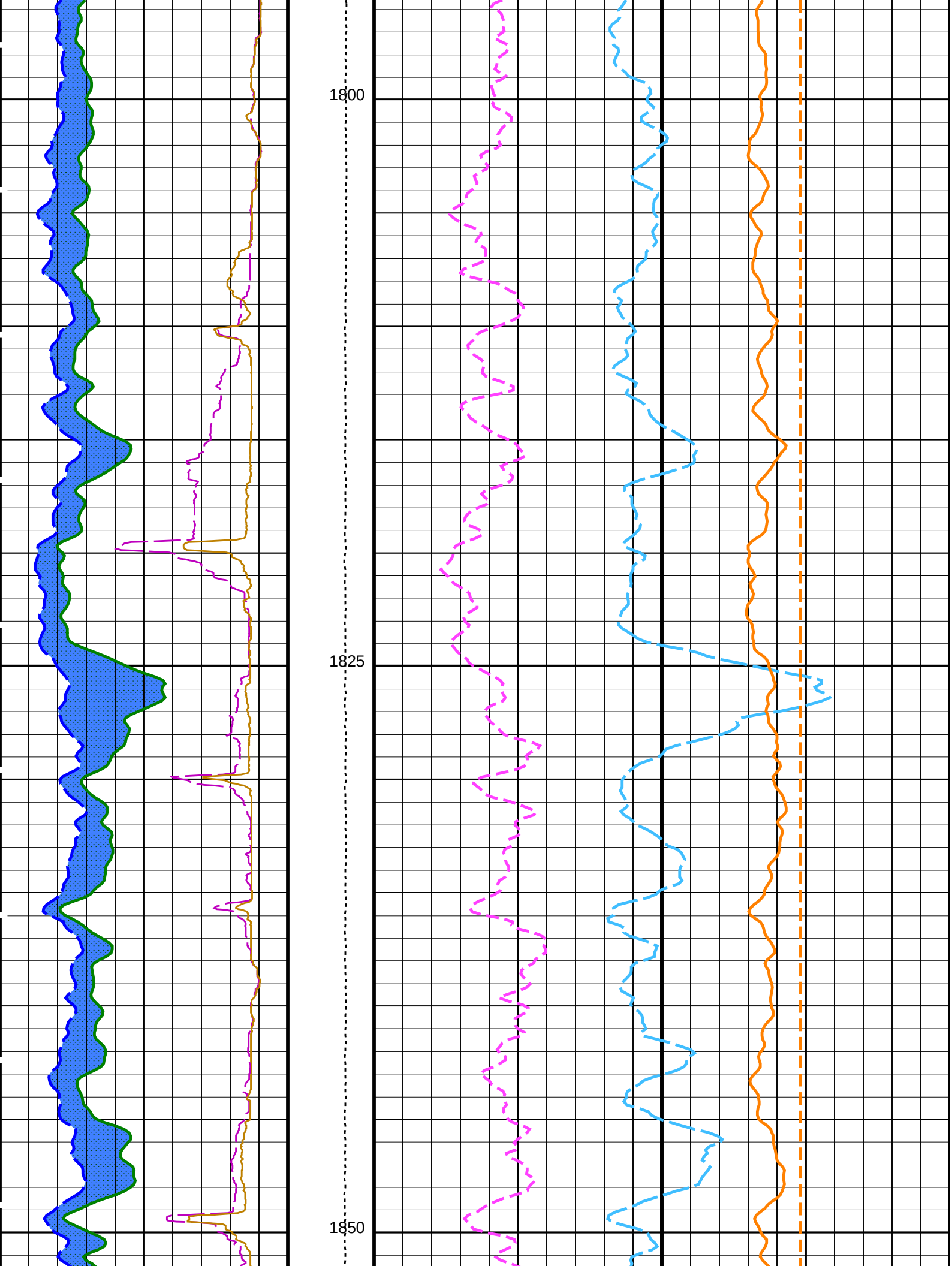
Time Mark Every 60 S

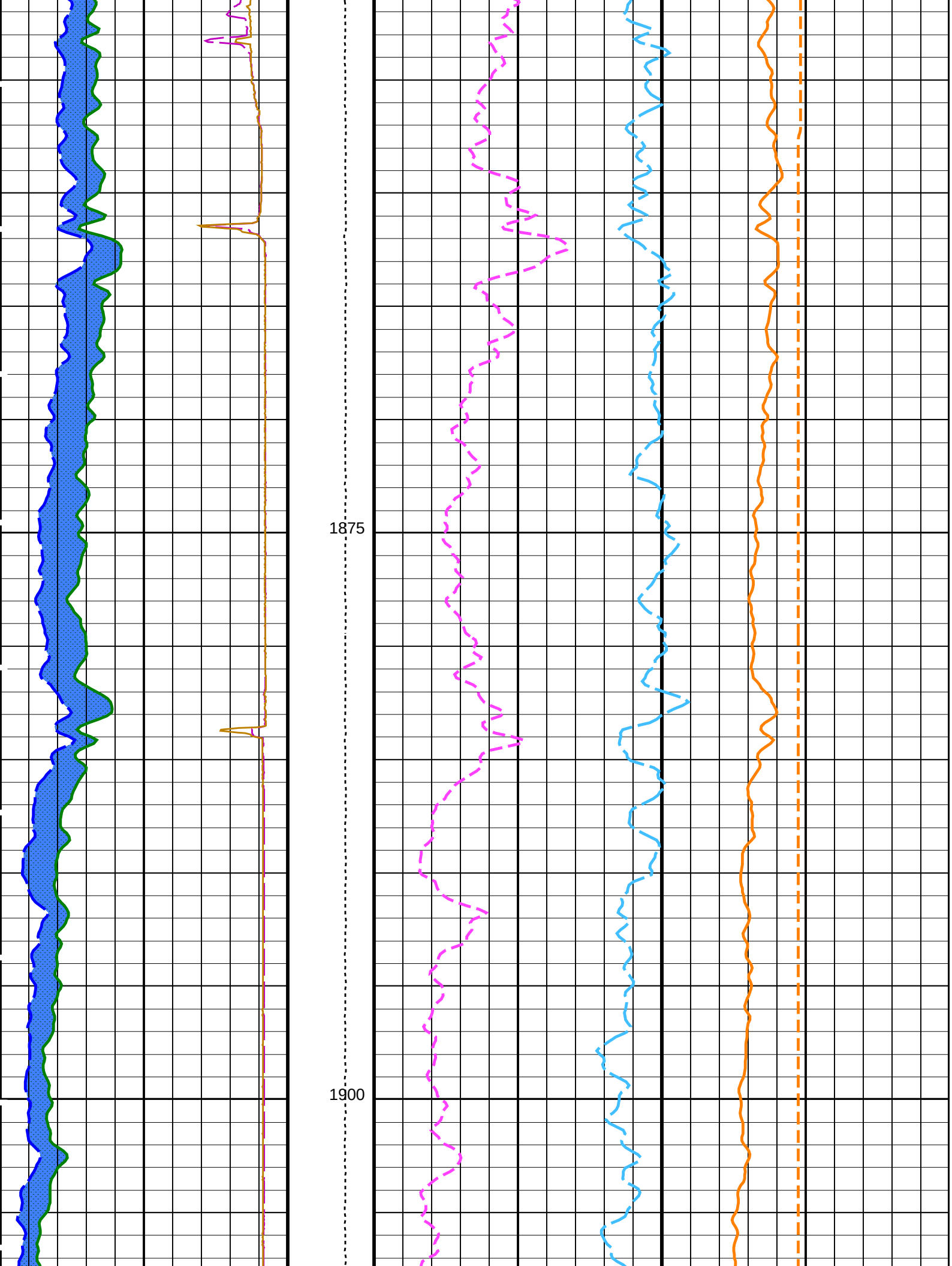

HNGS Spectroscopy Gamma Ray (HSGR)
0
(GAPI)
150
Area1
From HCGR to HSGR
HNGS Computed Gamma Ray (HCGR)
0
(GAPI)
150
HNGS Borehole Potassium (HBHK)
−0.05
(−−−−)
0.05
Caliper 2 (C2)
6
(IN)
16
HNGS Uranium (HURA)
−5
(PPM)
10
Caliper 1 (C1)
6
(IN)
16
Tension (TENS) (LBF)
10000
0
HNGS Thorium (HTHO)
−1
(PPM)
14
HNGS Potassium (HFK)
−0.01
(−−−−)
0.04
1600
1625

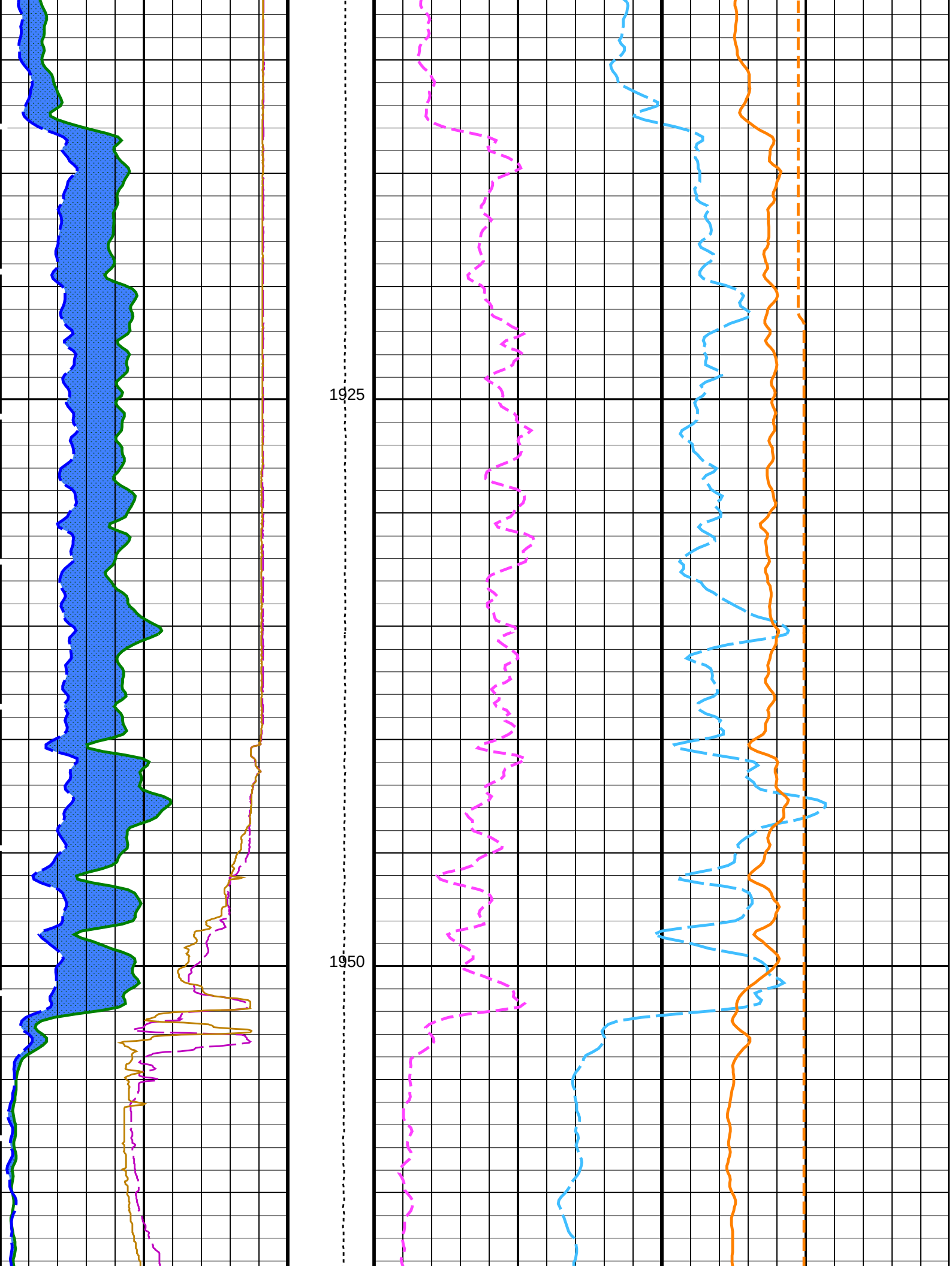

1650
1675

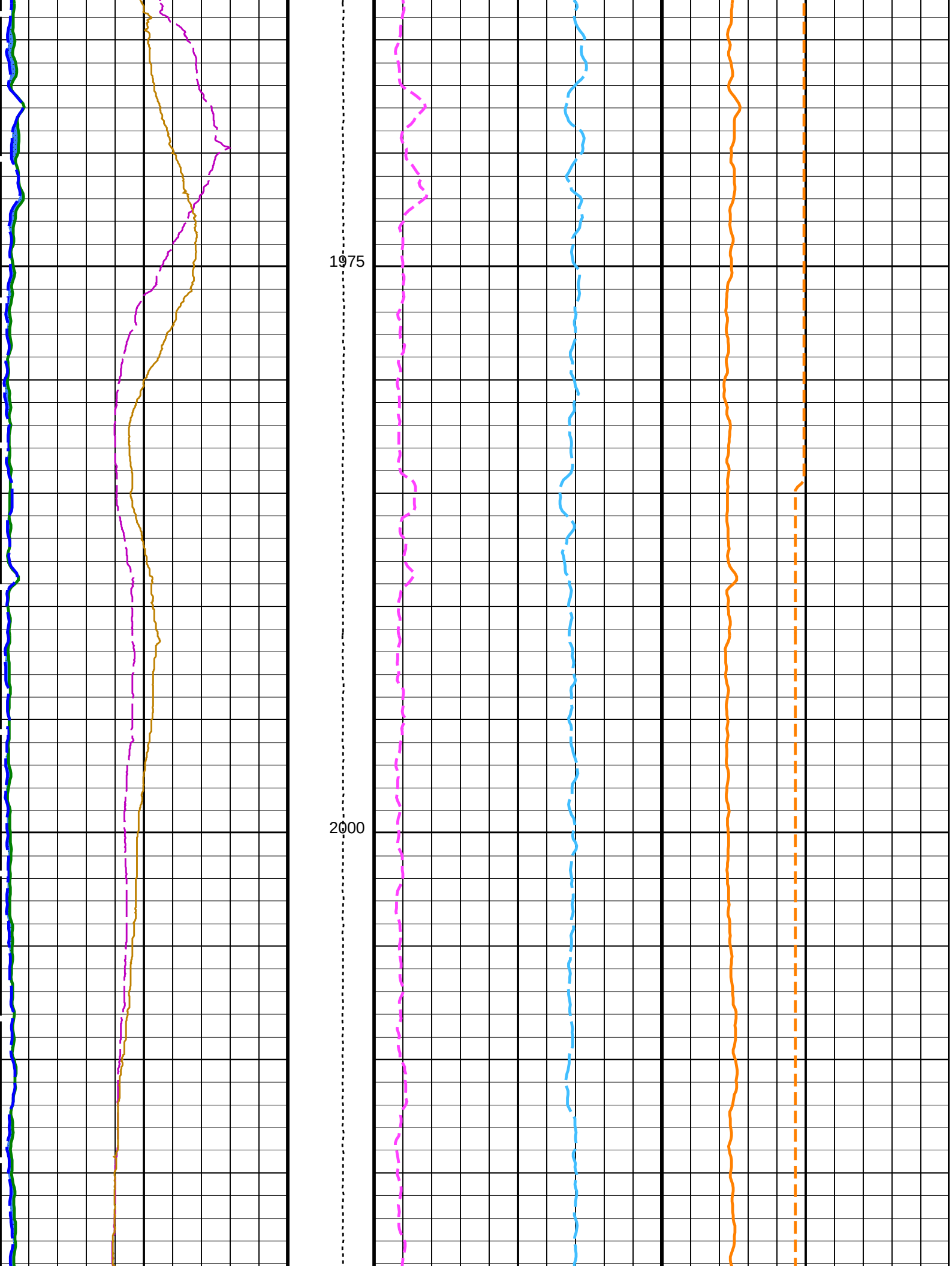

1700
1725

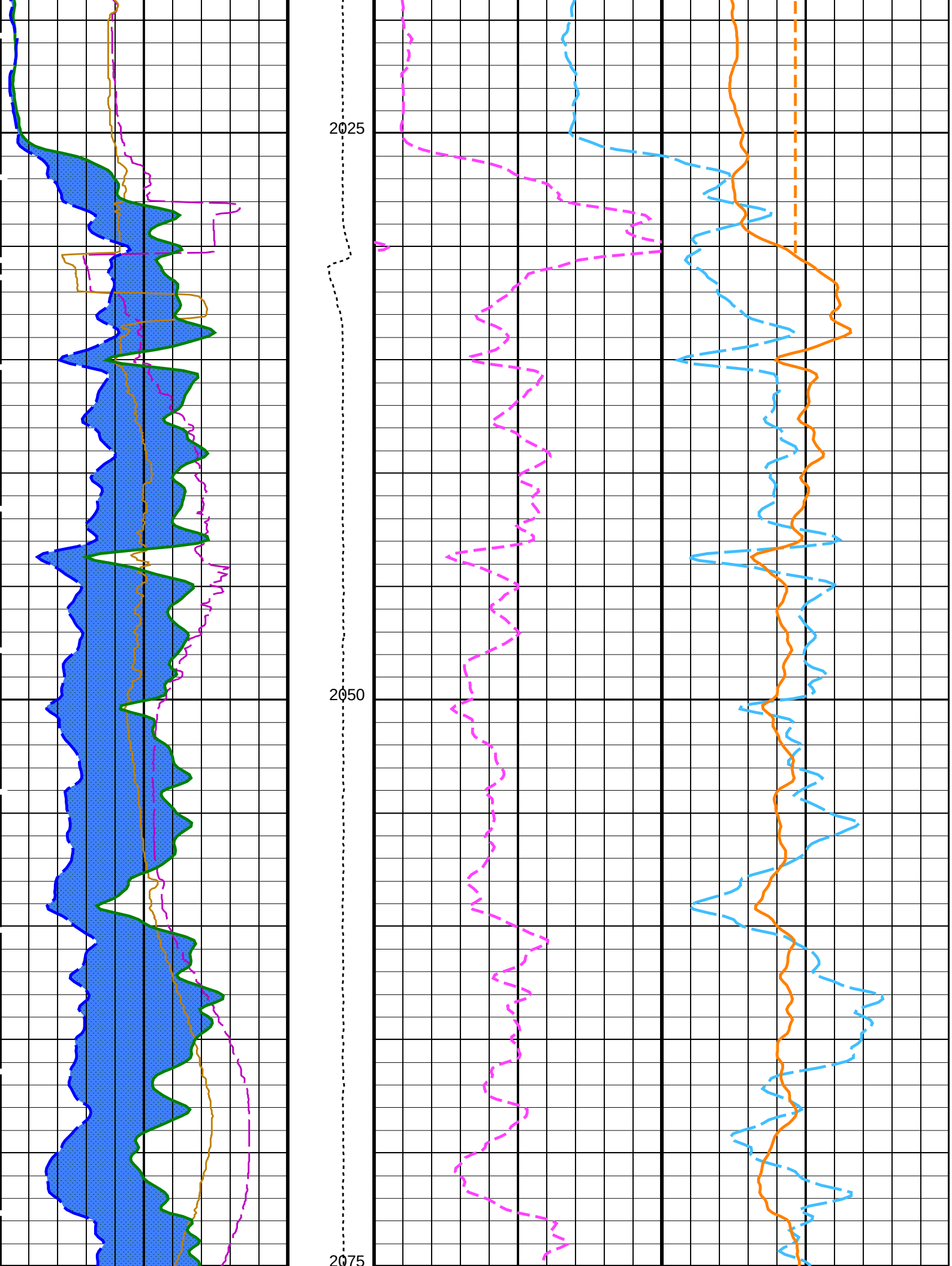

1750
1775

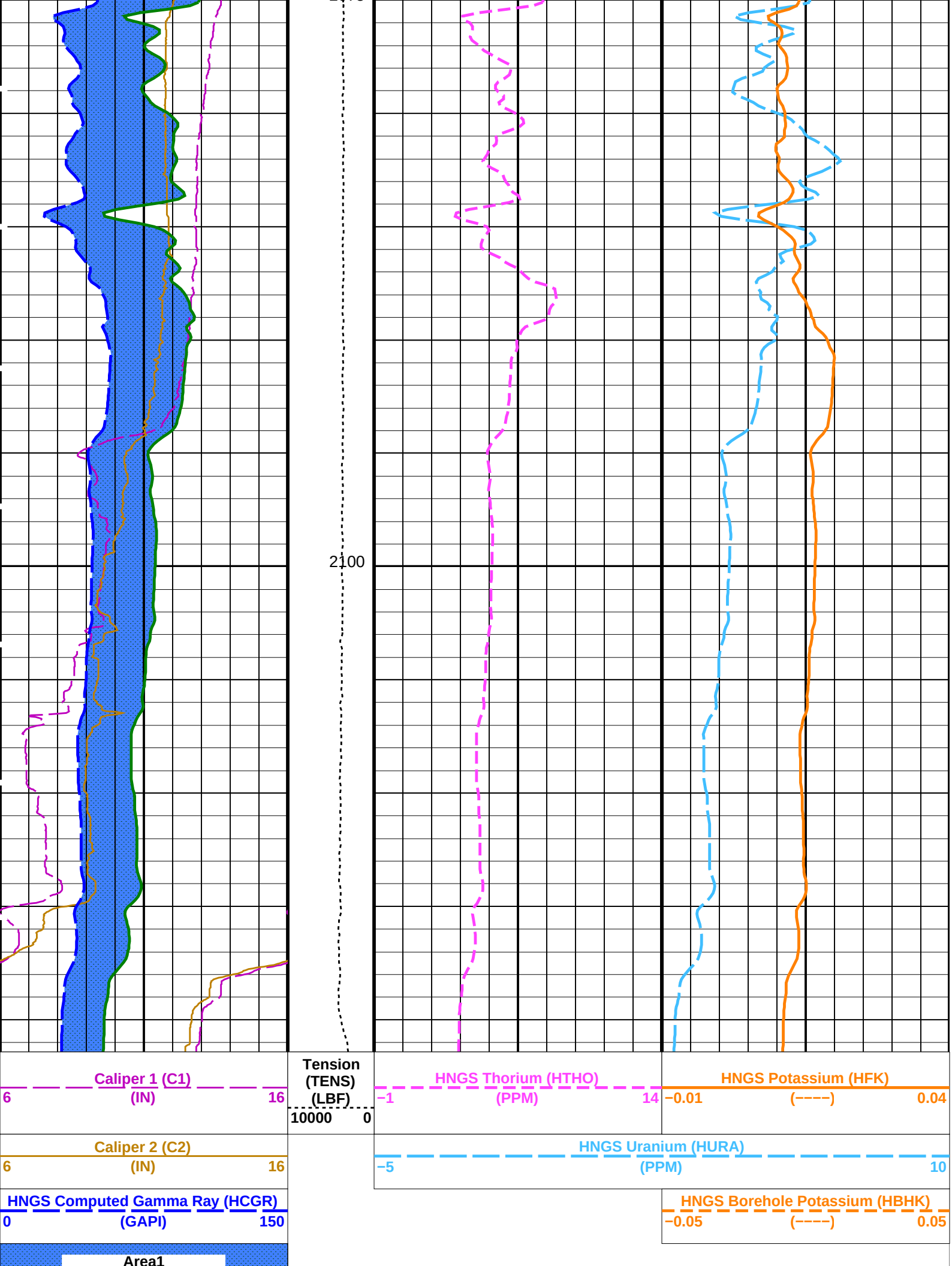

1800
1825
1850


1875
1900


1925
1950


1975
2000


2025
2050
2075


2100
Caliper 1 (C1)
6
(IN)
16
Caliper 2 (C2)
6
(IN)
16
HNGS Computed Gamma Ray (HCGR)
0
(GAPI)
150
Area1
Tension
(TENS)
(LBF)
10000
0
HNGS Thorium (HTHO)
−1
(PPM)
14
HNGS Uranium (HURA)
−5
(PPM)
10
HNGS Potassium (HFK)
−0.01
(−−−−)
0.04
HNGS Borehole Potassium (HBHK)
−0.05
(−−−−)
0.05

From HCGR to HSGR

HNGS Spectroscopy Gamma Ray (HSGR)

0 (GAPI) 150

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	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	−0.00656957	
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	CENT	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.00641	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.03269	
	EDTC−B: Enhanced DTS Cartridge		
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	C1	
	System and Miscellaneous		
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.05	G/C3
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 15−Oct−2019 18:10

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_028LUP	FN:37	PRODUCER	14−Oct−2019 14:12	2121.4 M	1586.3 M

Output DLIS Files

DEFAULT	FMS_DSI_NGS_043PUP	FN:52	PRODUCER	15−Oct−2019 18:09		

Company: International Ocean Discovery Program Well: Expedition 385, Site U1546C

Input DLIS Files

DEFAULT	FMS_DSI_NGS_028LUP	FN:37	PRODUCER	14−Oct−2019 14:12	2121.4 M	1586.3 M

Output DLIS Files

DEFAULT	FMS_DSI_NGS_043PUP	FN:52	PRODUCER	15−Oct−2019 18:09	2121.4 M	1586.3 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

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
COLL	40 US/F	40 US/F	2121.4 18:10:03
	120 US/F	40 US/F	1951.9 18:10:26
	40 US/F	120 US/F	1672.9 18:11:06

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 / 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

Gamma Ray (GR_EDTC)
0 (GAPI) 150

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

Caliper 2 (C2)
0 (IN) 20

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

Min Amplitude Max

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

Caliper 1 (C1)
0 (IN) 20

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

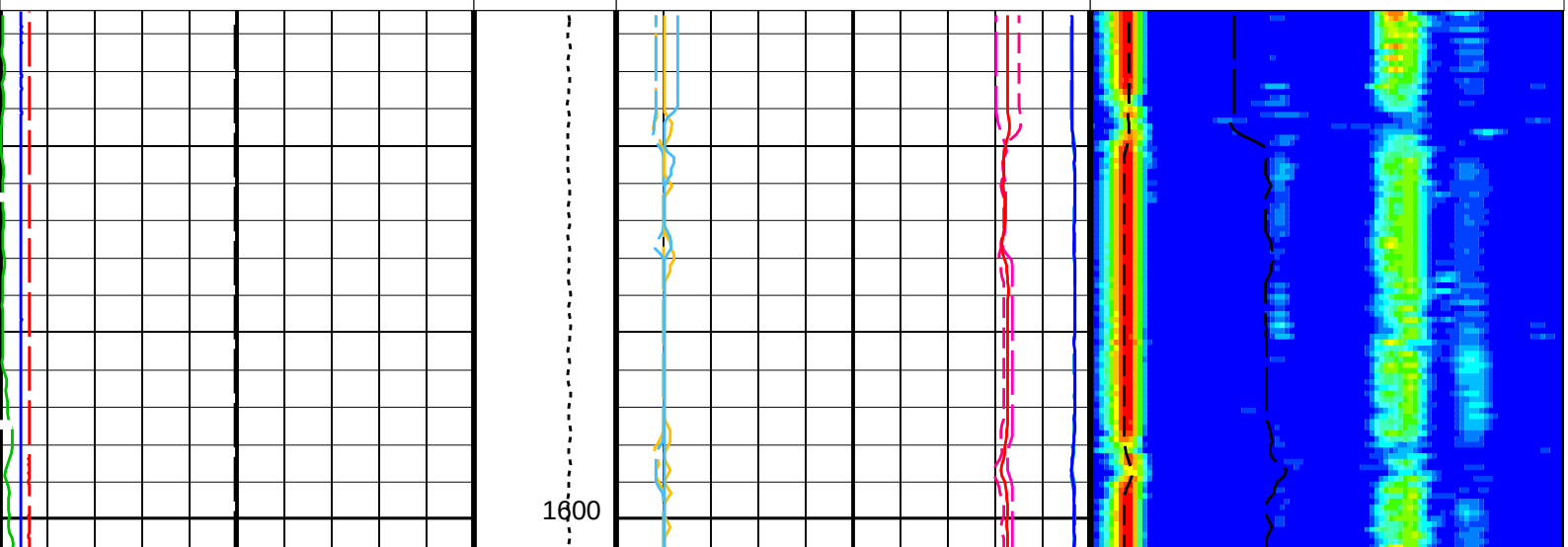
Delta−T Shear / RA − P & S (DTRS)
40 (US/F) 240

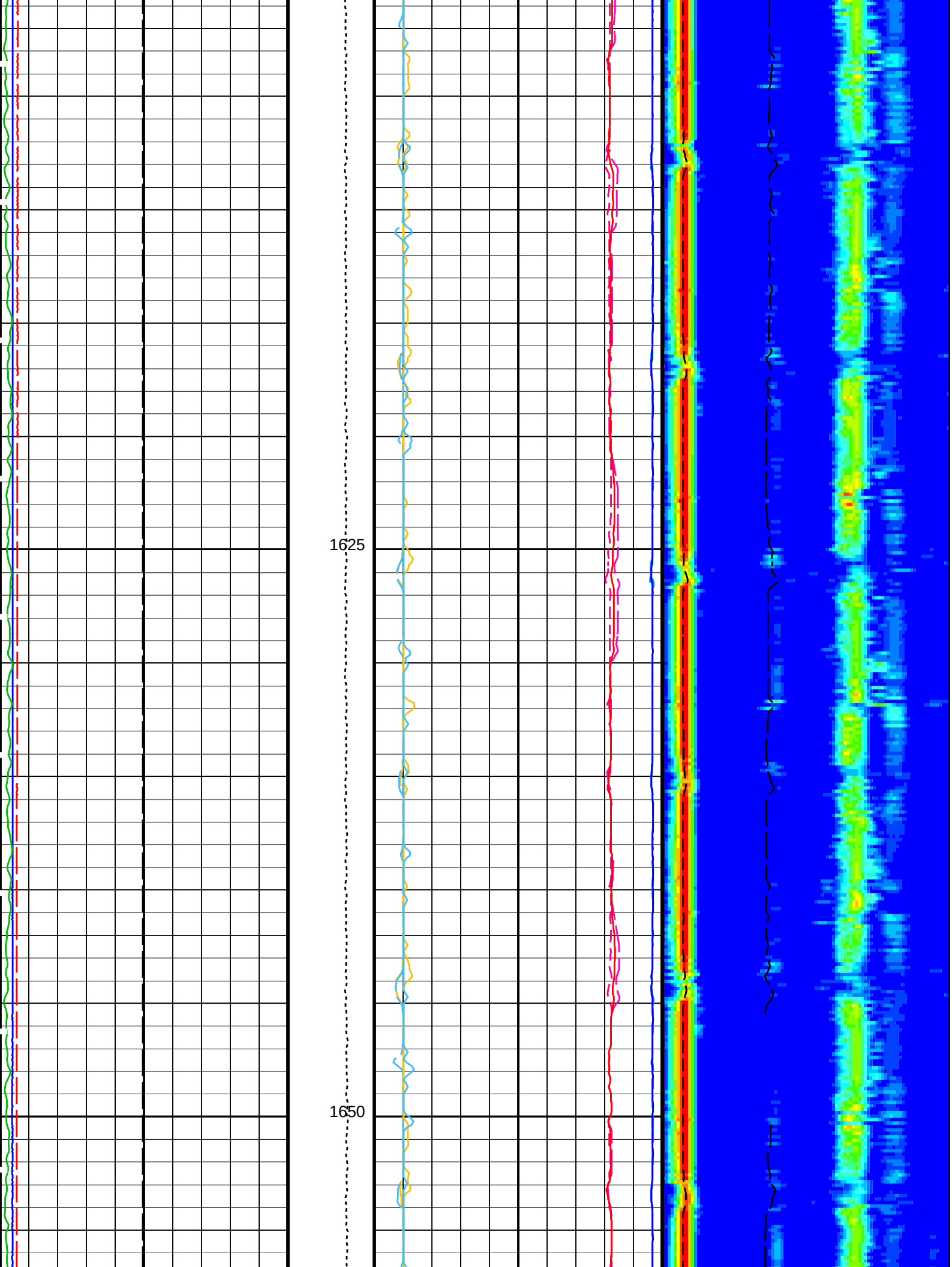
Bit Size (BS)
0 (IN) 20

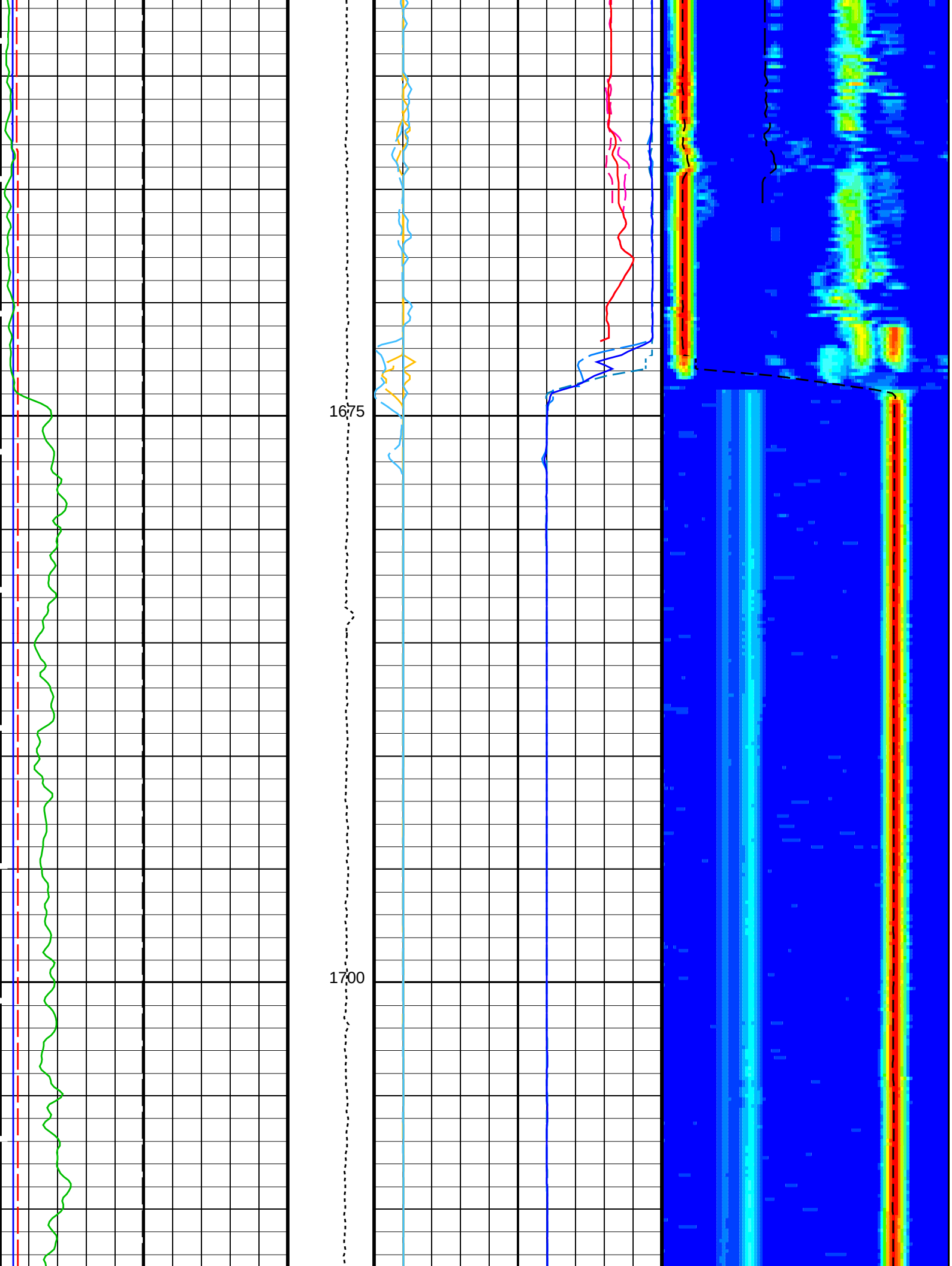
Tension (TENS) (LBF)
0 5000

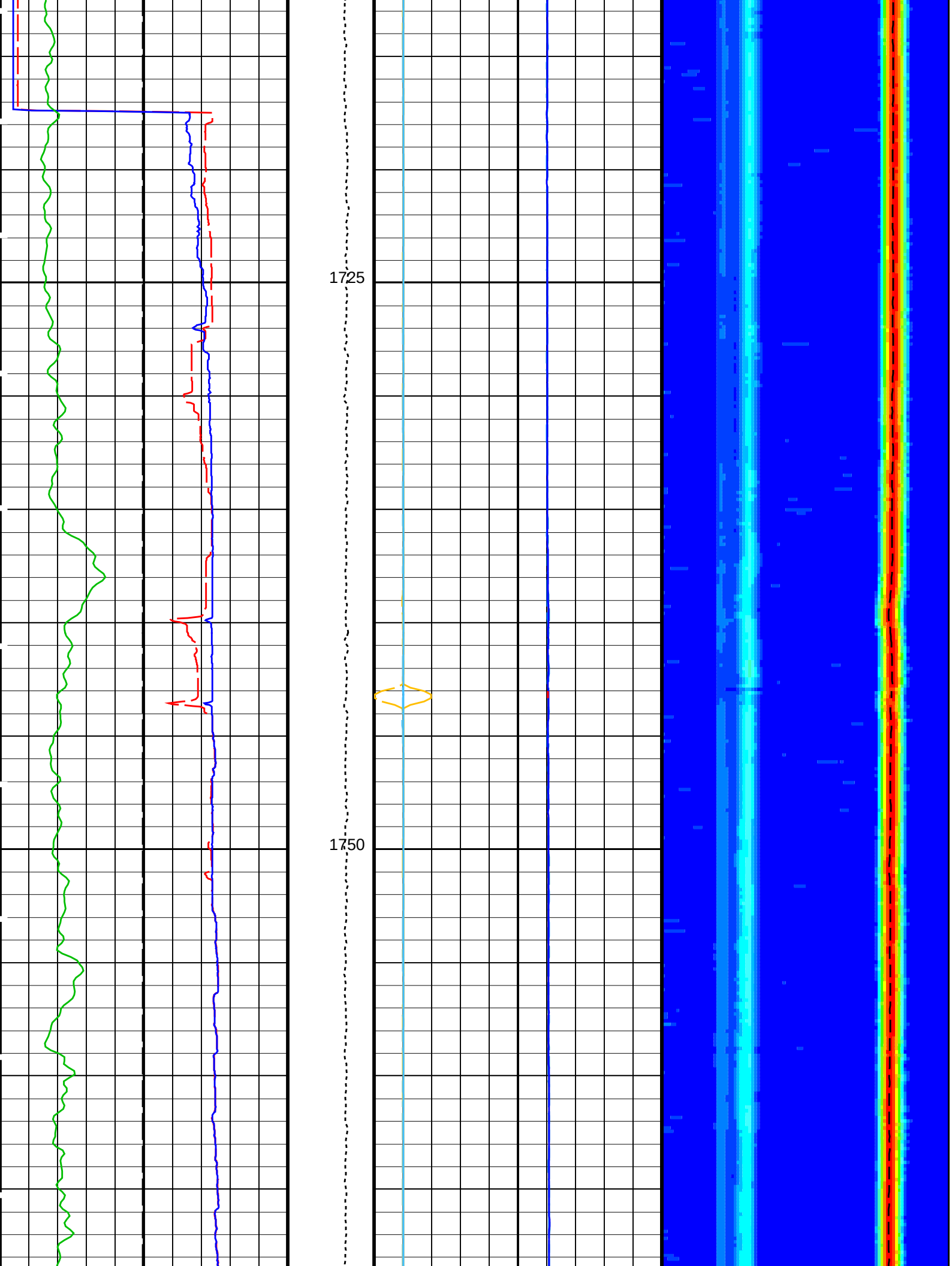
Peak Coherence / RA − P & S Comp (CHRP)
0 (−−−−) 10

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




1625
1650


1675
1700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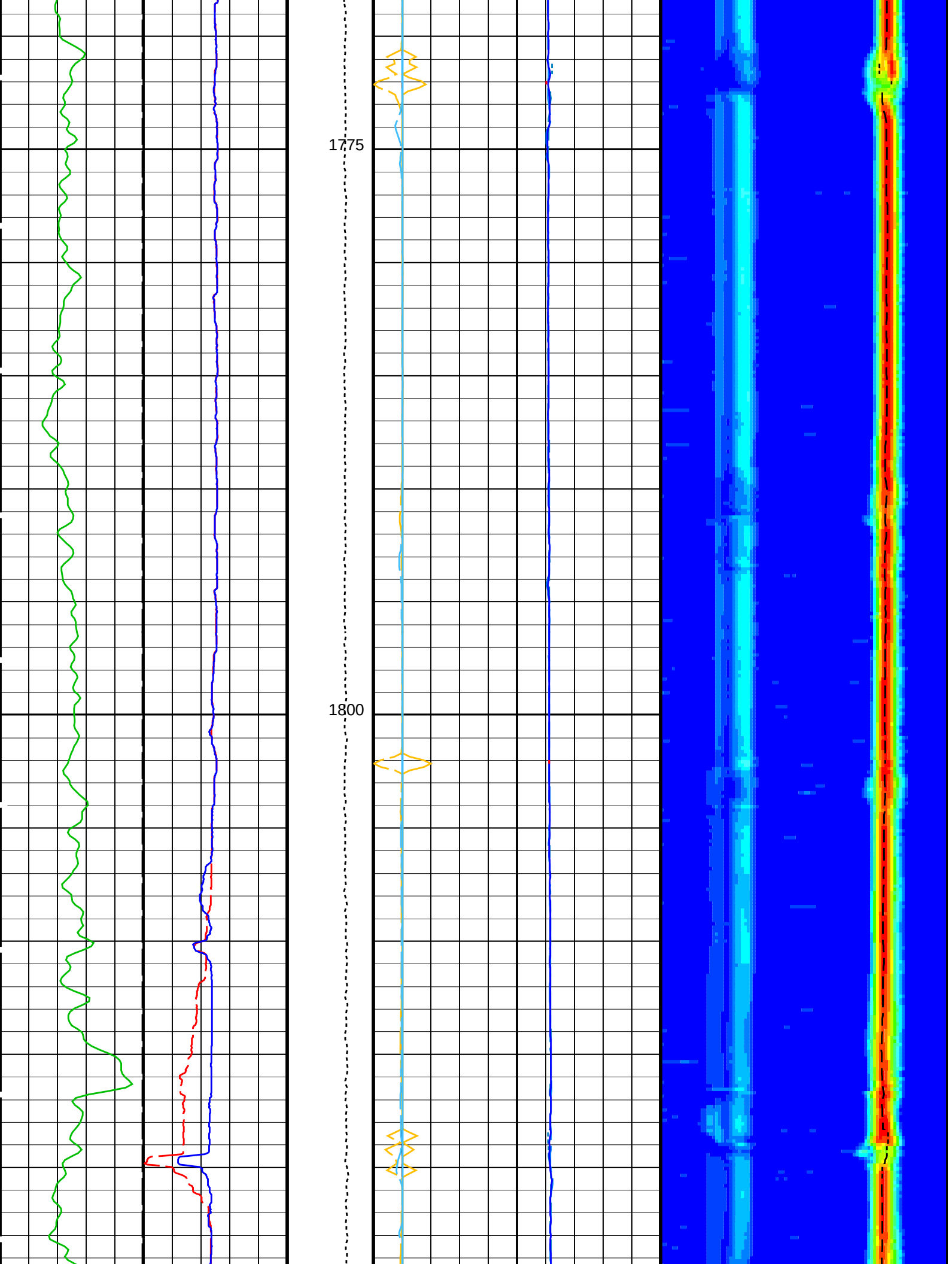
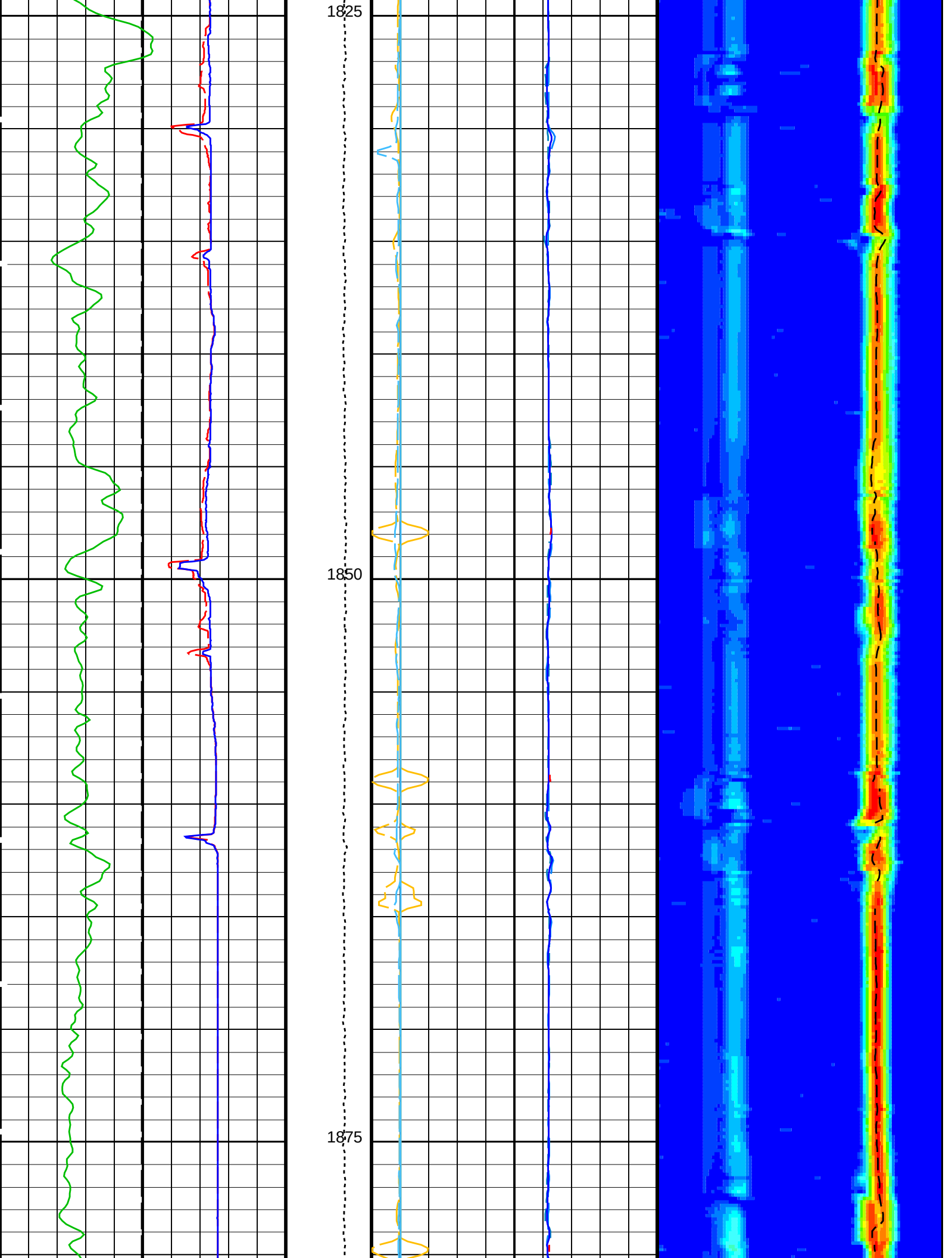
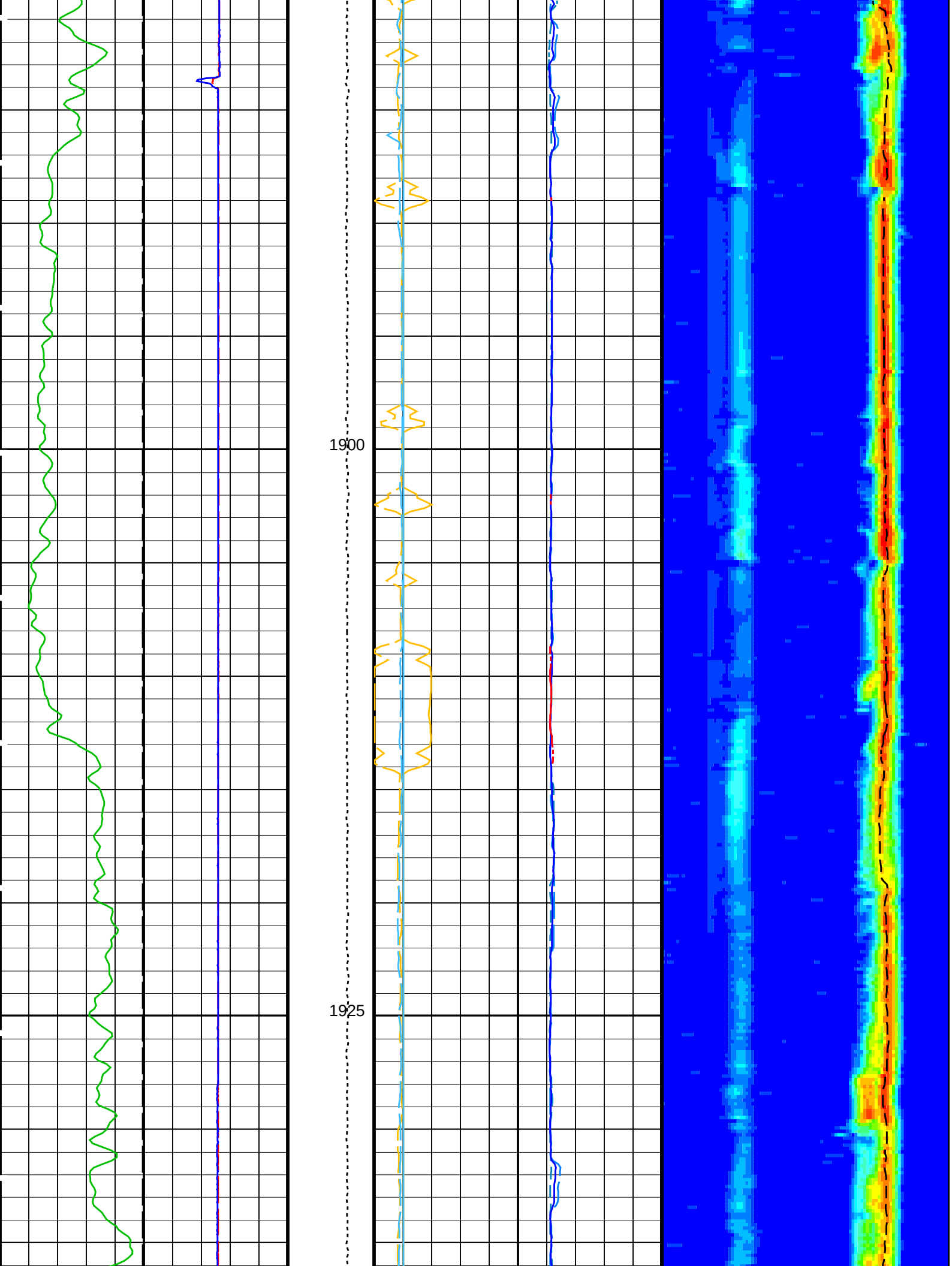
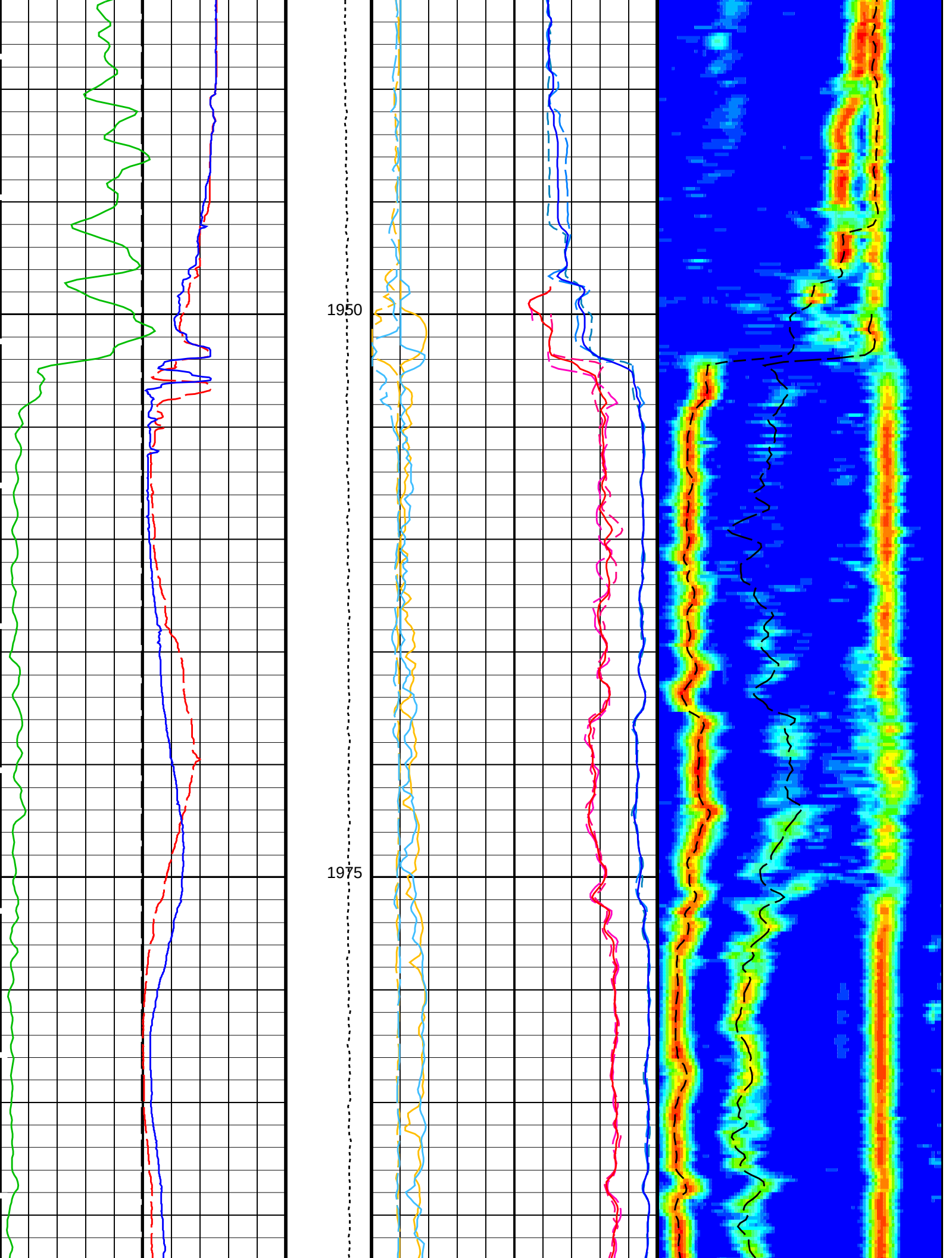
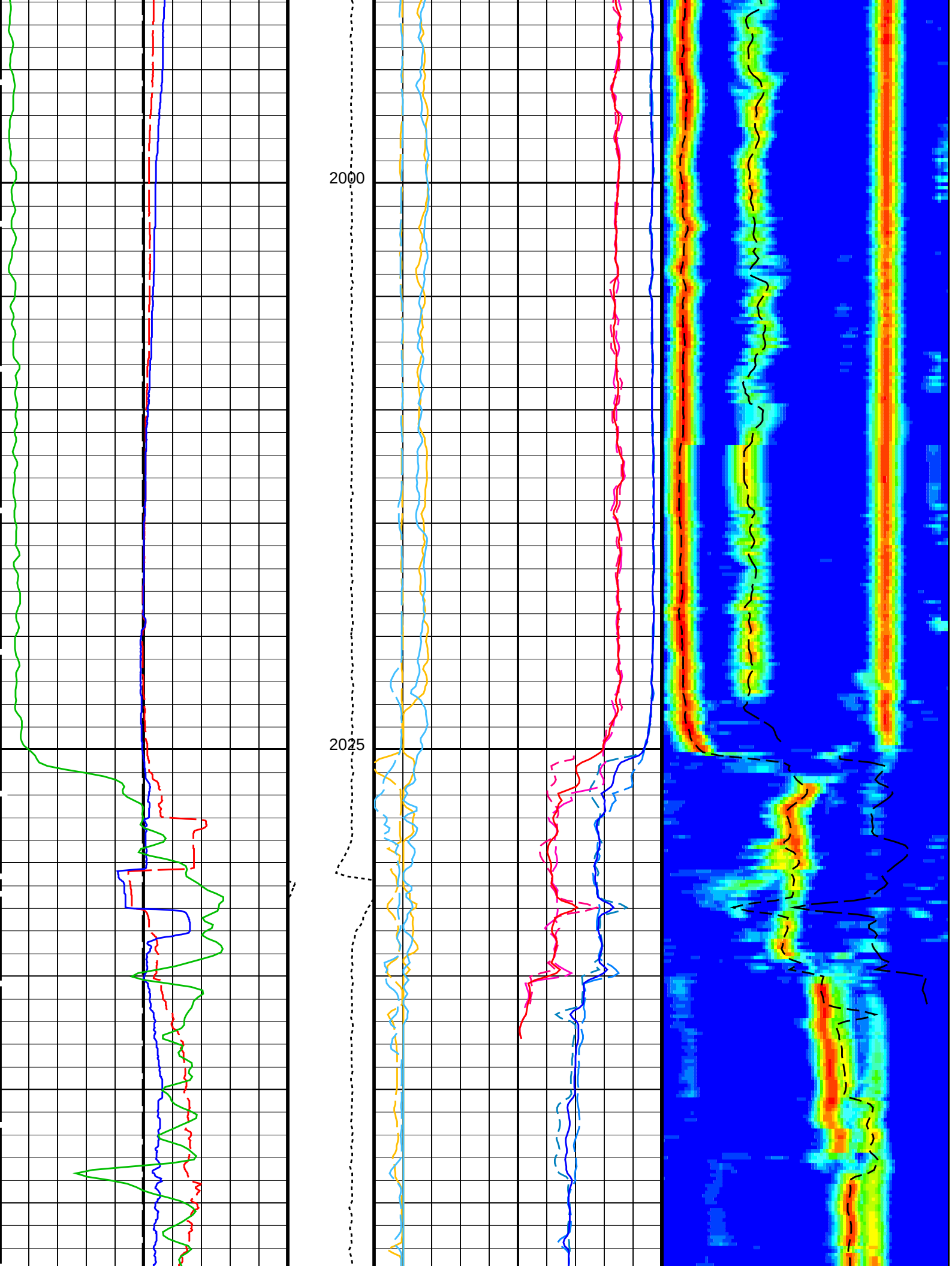
1750

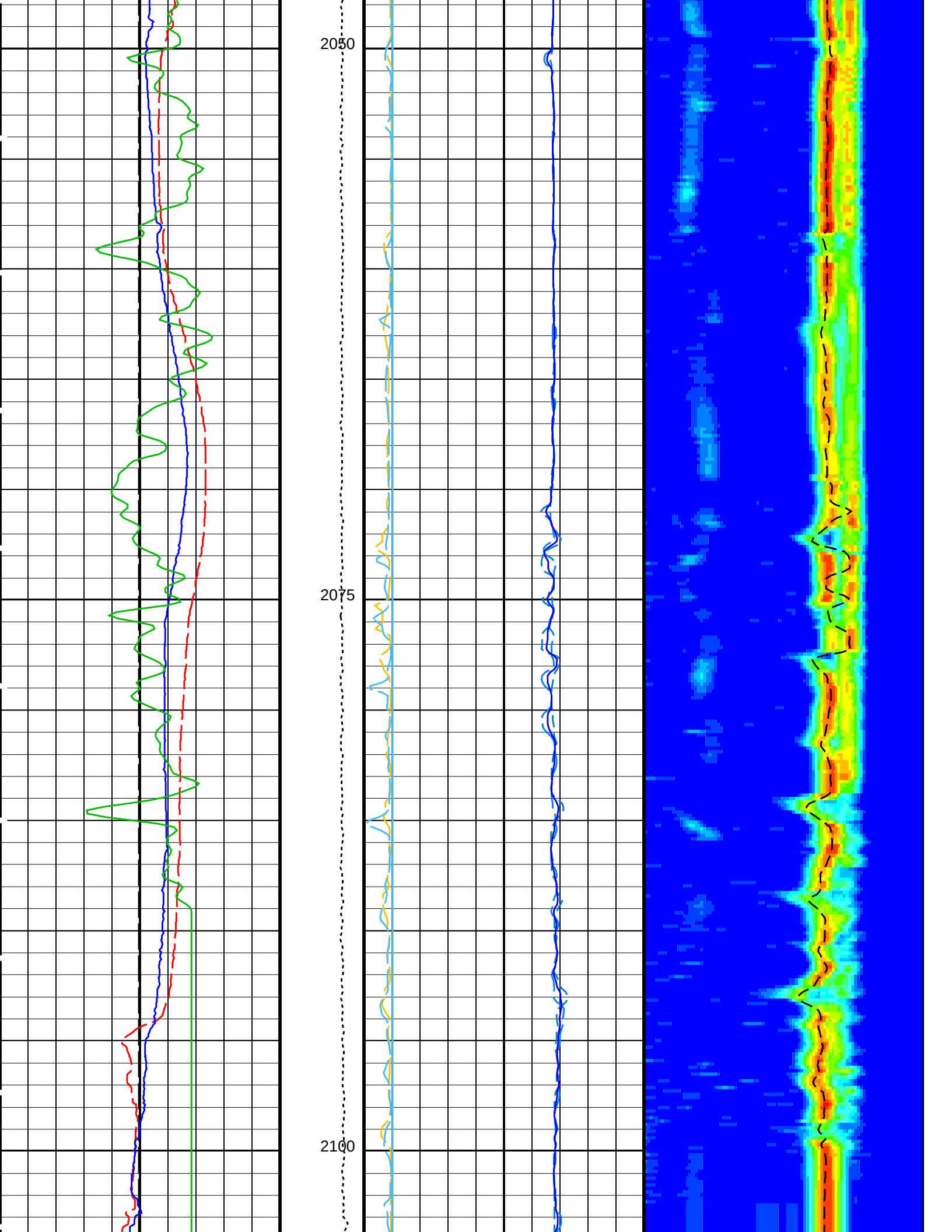

1775
1800

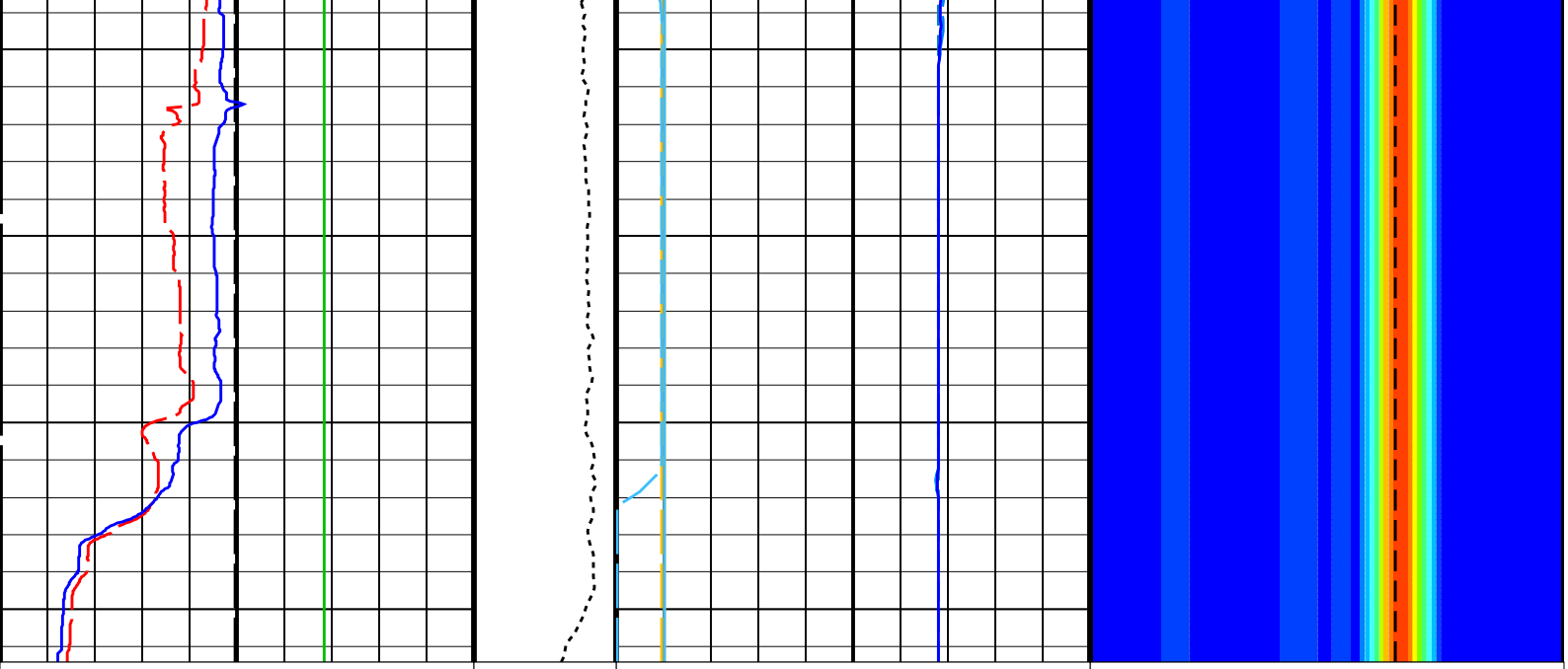

1825
1850
1875


1900
1925


1950
1975


2000
2025


2050
2075
2100



Bit Size (BS) 0 (IN) 20

Caliper 1 (C1) 0 (IN) 20

Caliper 2 (C2) 0 (IN) 20

Gamma Ray (GR_EDTC) 0 (GAPI) 150

Tension (TENS) (LBF) 0 5000

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) 440 (US/F) 40

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

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

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

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

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

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

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

Min Amplitude Max

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

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	40	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	75	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	9.875	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: 15−Oct−2019 18:10**

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_028LUP	FN:37	PRODUCER	14−Oct−2019 14:12	2121.4 M	1586.3 M

Output DLIS Files

DEFAULT	FMS_DSI_NGS_043PUP	FN:52	PRODUCER	15−Oct−2019 18:09		

Input DLIS Files

DEFAULT	FMS_DSI_NGS_028LUP	FN:37	PRODUCER	14−Oct−2019 14:12	2121.4 M	1586.3 M

Output DLIS Files

DEFAULT	FMS_DSI_NGS_043PUP	FN:52	PRODUCER	15−Oct−2019 18:09	2121.4 M	1586.3 M

OP System Version: 19C0−187

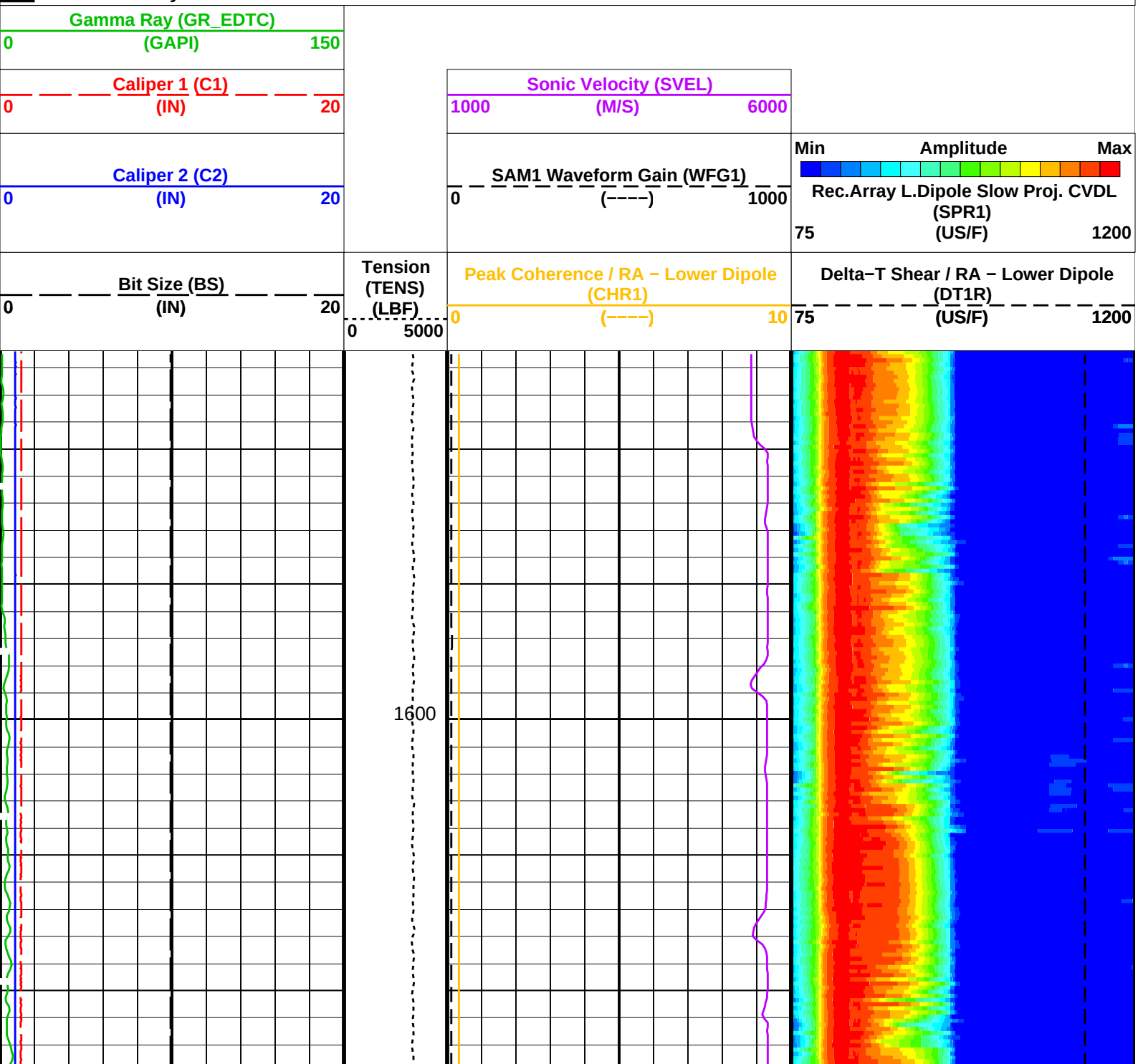
MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	HNGC−B	19C0−187
HNGS−BA	19C0−187	EDTC−B	SKK−5169−EDTCB

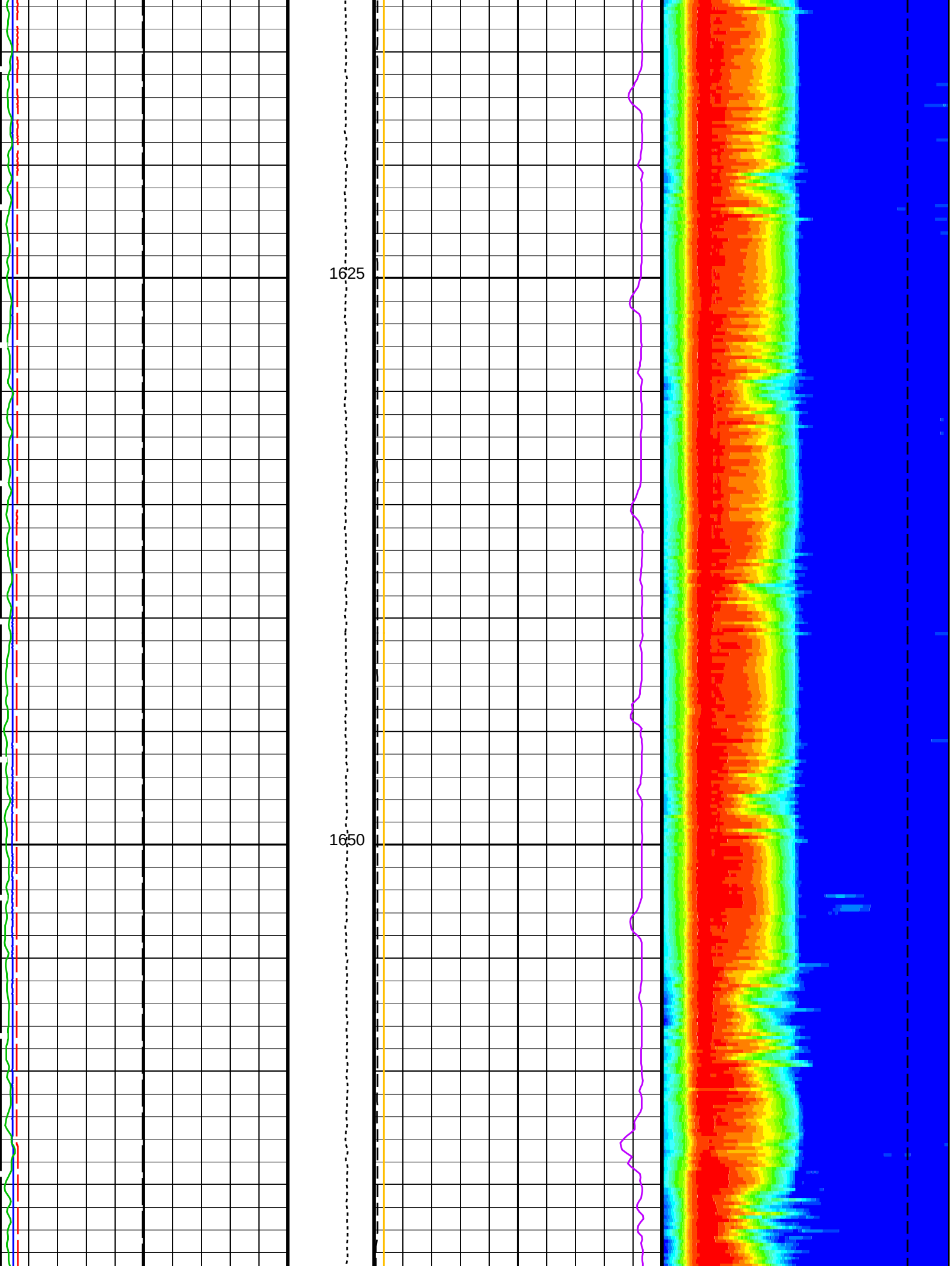
Changed Parameter Summary

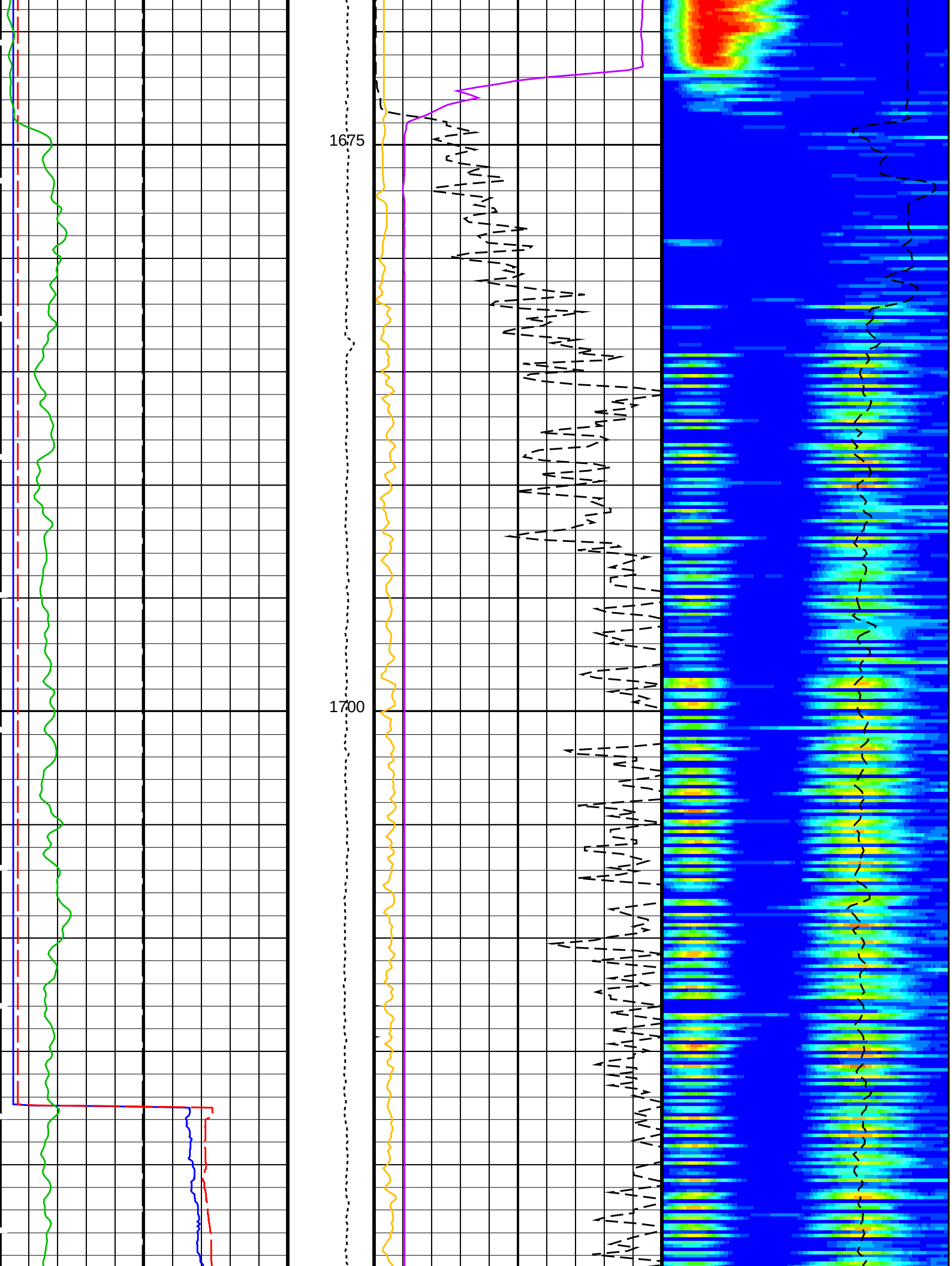
DLIS Name	New Value	Previous Value	Depth & Time
DSHL	75 US/F	75 US/F	2121.4 18:10:03
	300 US/F	75 US/F	1951.9 18:10:26
	75 US/F	300 US/F	1672.9 18:11:06
DSHU	1200 US/F	600 US/F	2121.4 18:10:03
	1200 US/F	1200 US/F	1951.9 18:10:26
	600 US/F	1200 US/F	1672.9 18:11:06

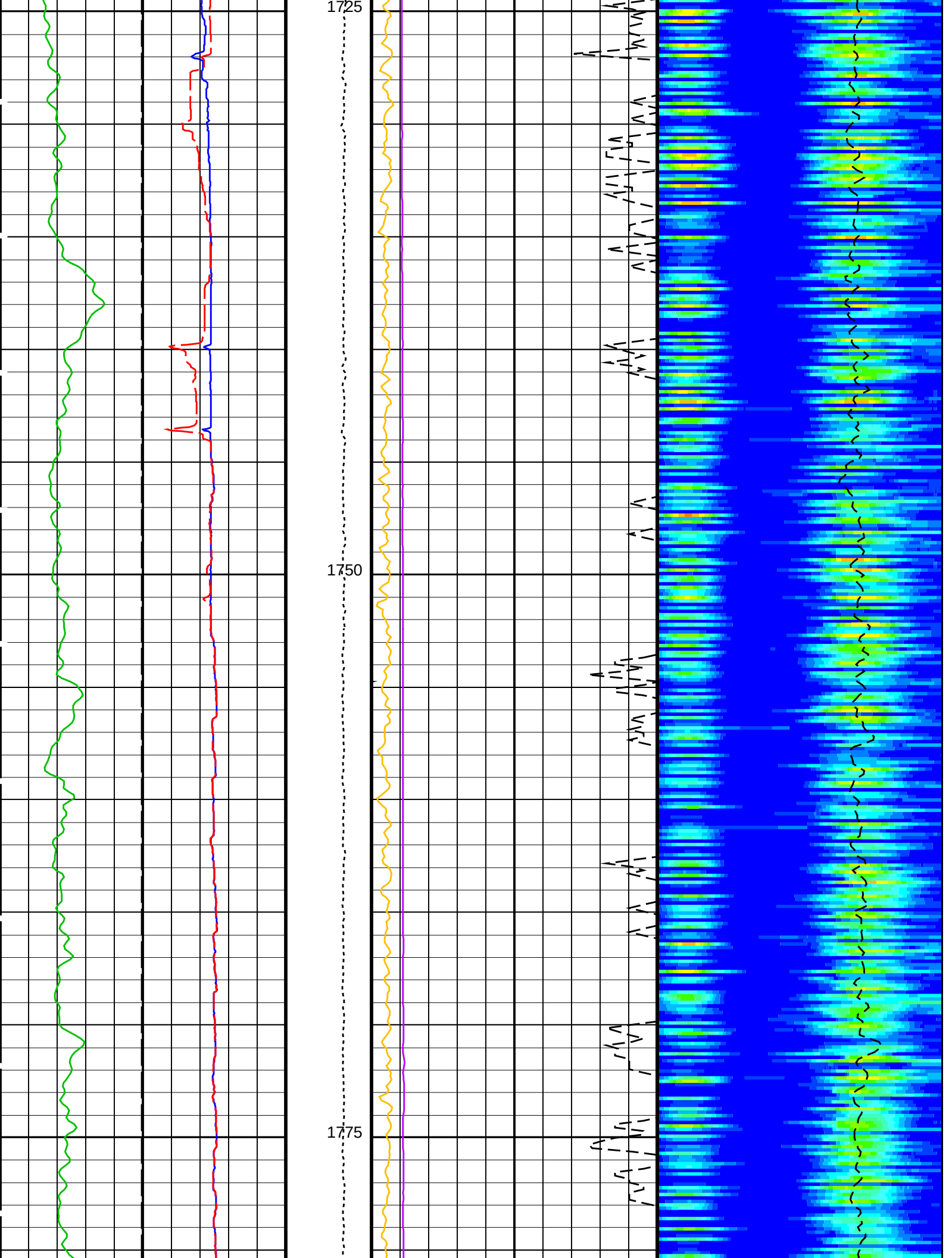
PIP SUMMARY

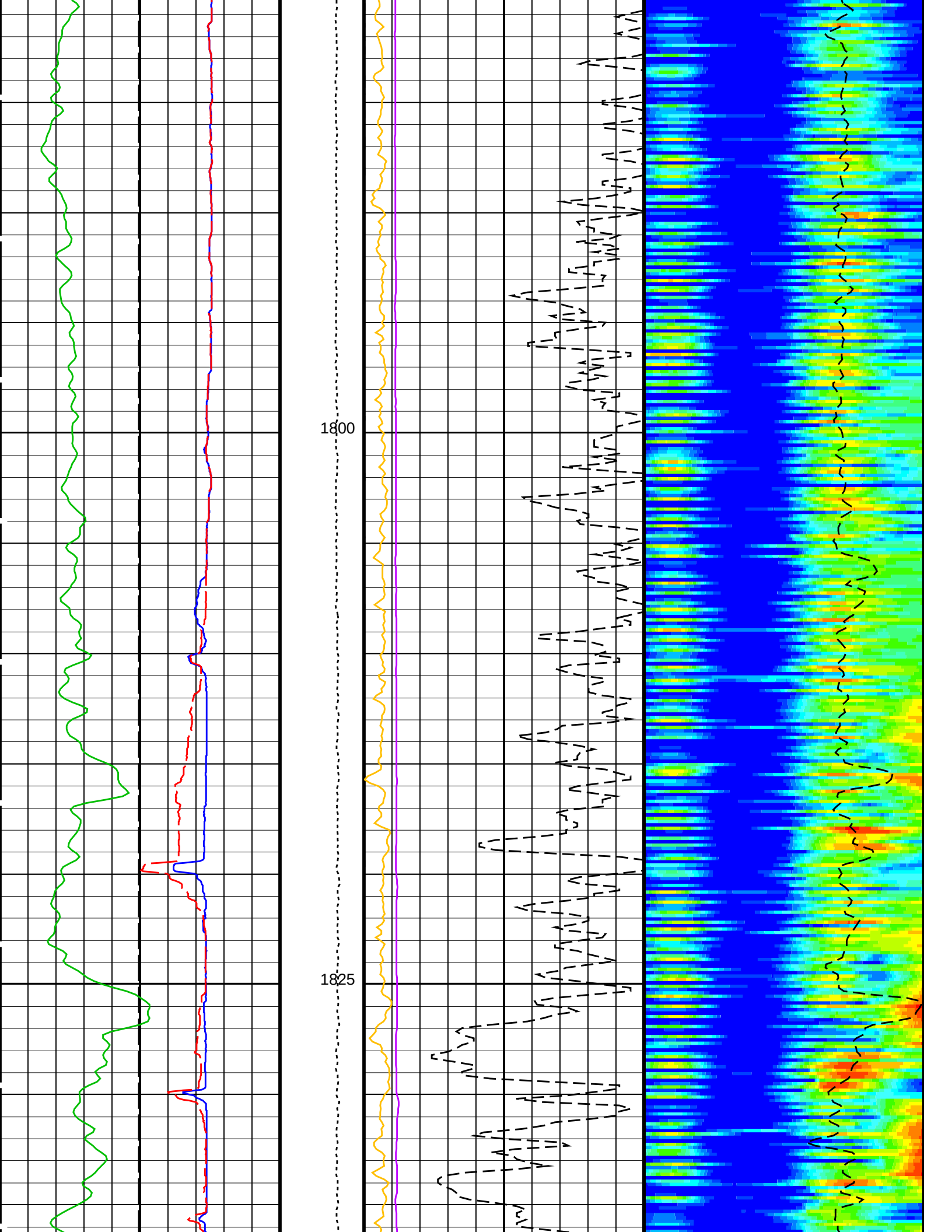
Time Mark Every 60 S

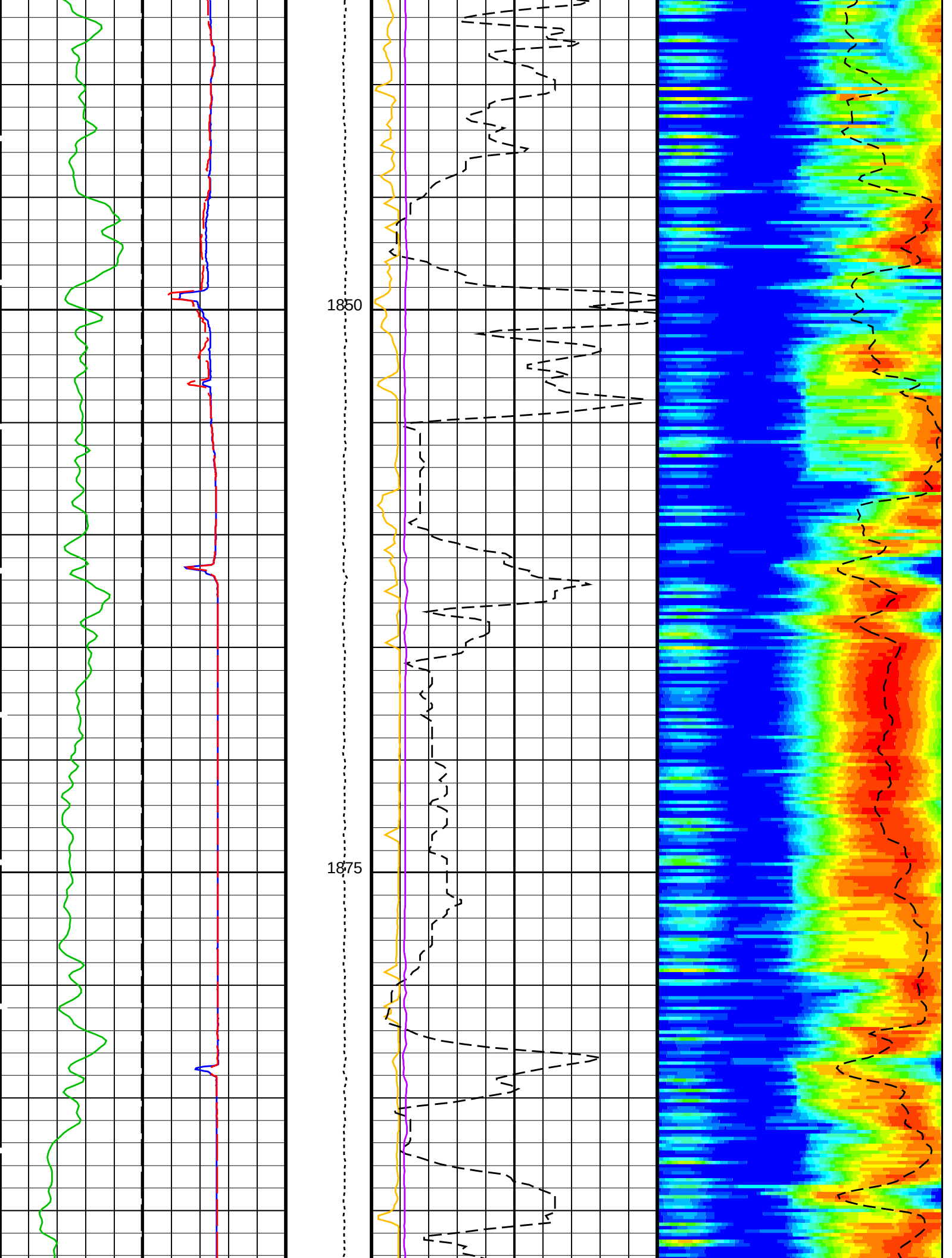


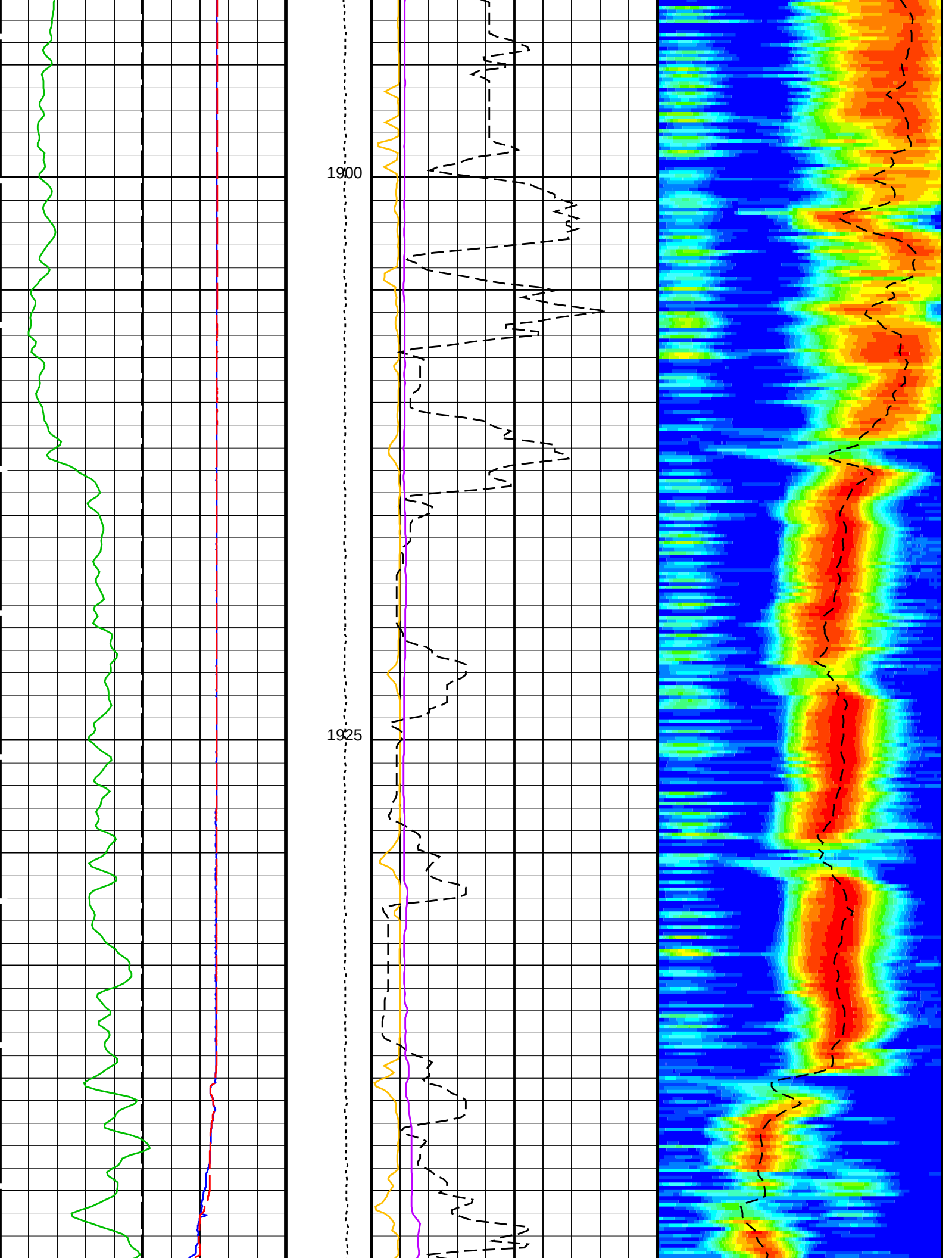

1625
1650

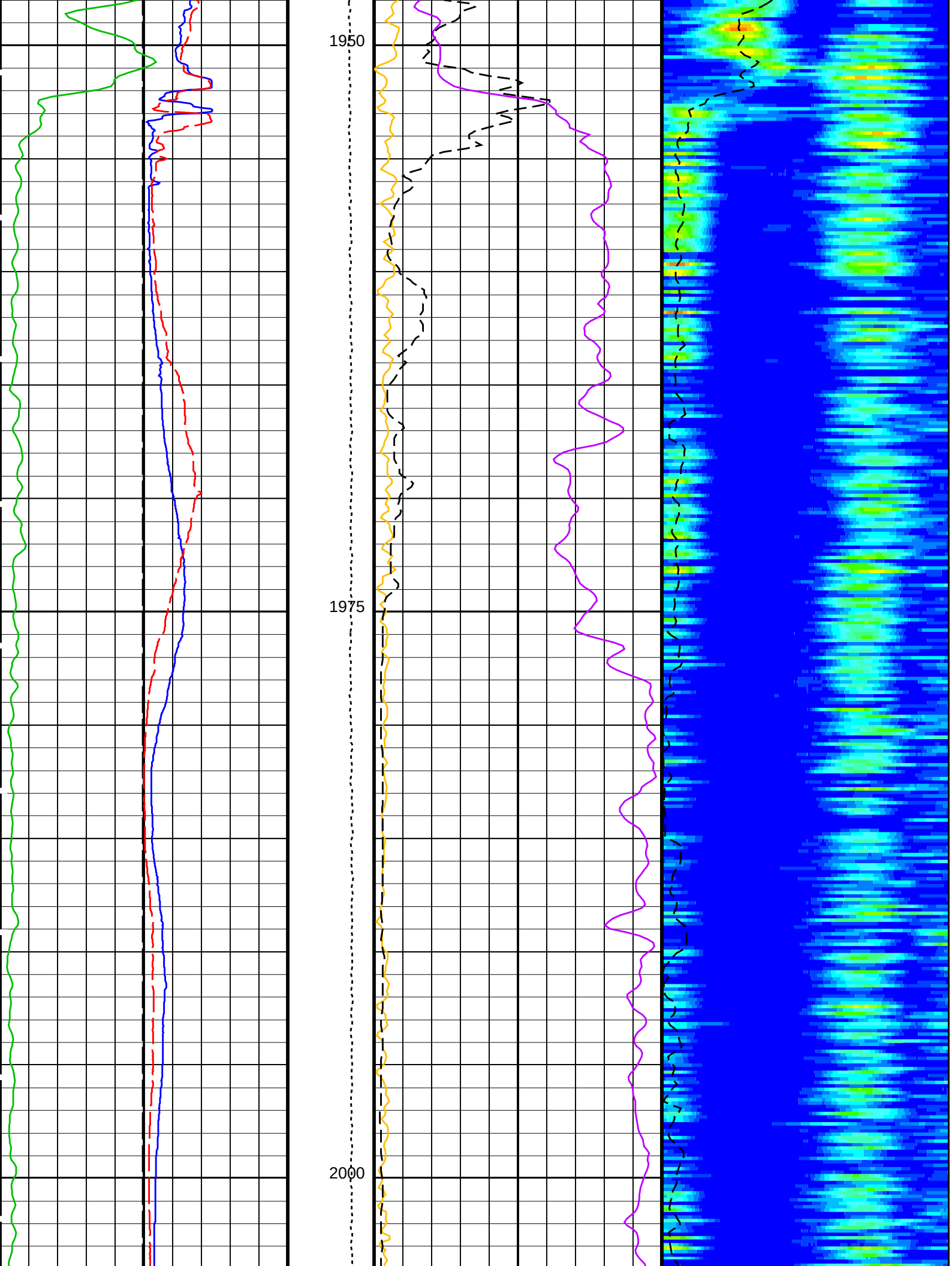

1675
1700

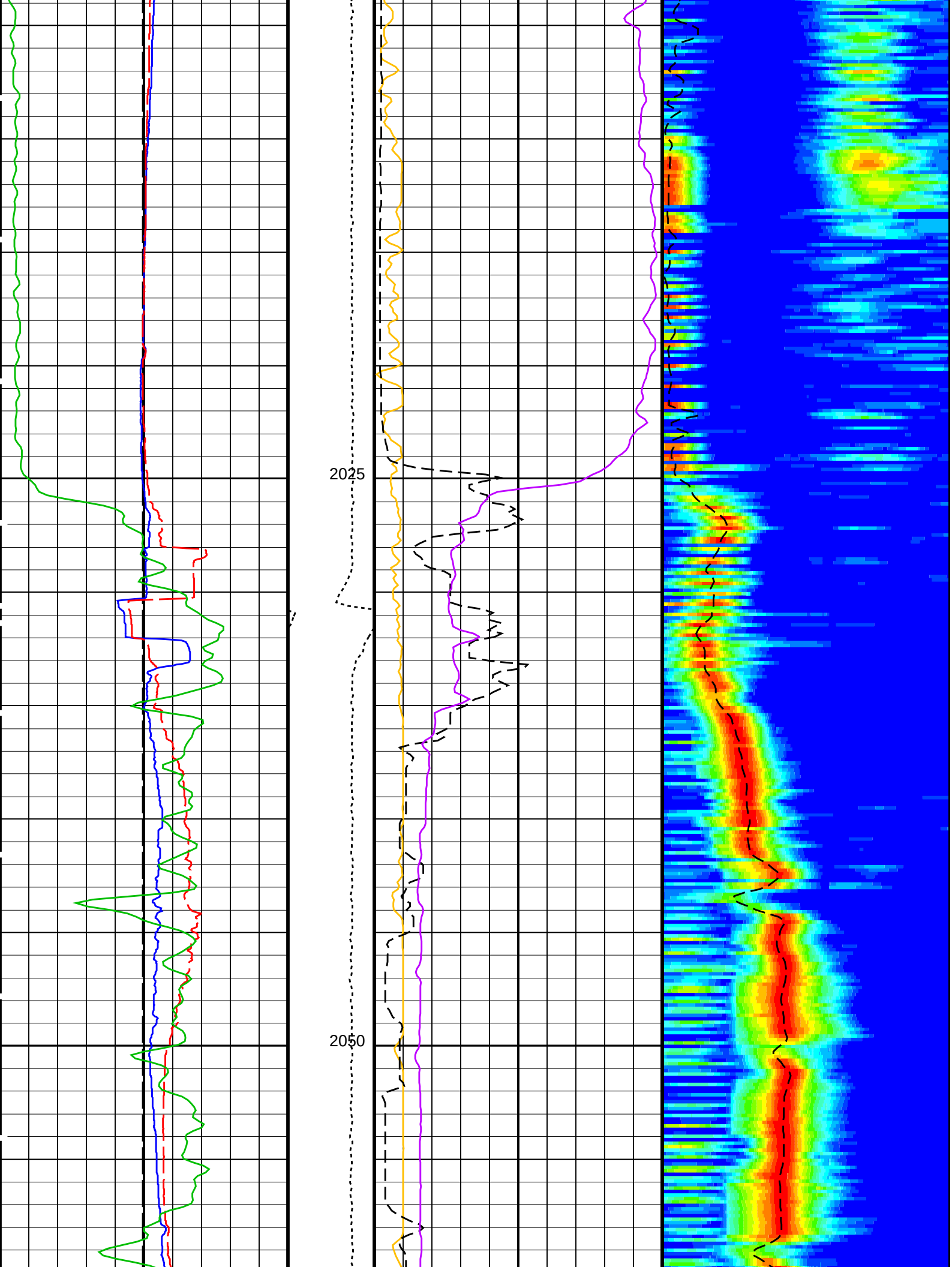

1725
1750
1775

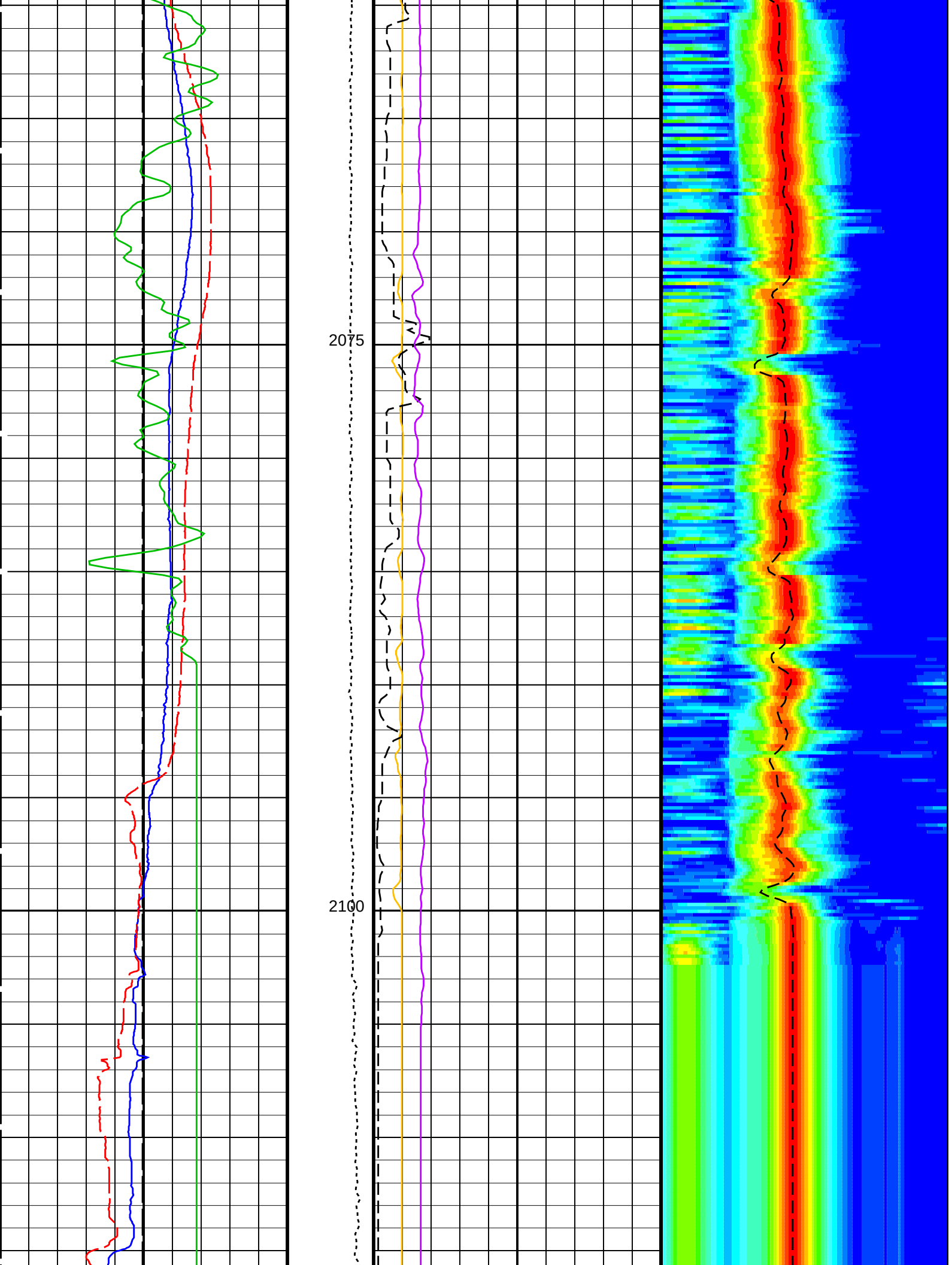

1800
1825

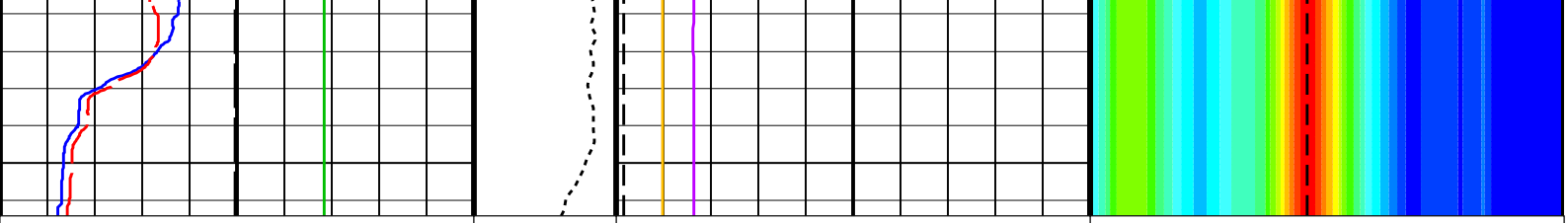

1850
1875


1900
1925


1950
1975
2000


2025
2050


2075
2100



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	75	US/F
DSHU	Label Slowness Upper Limit − Dipole Shear	600	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	9.875	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: 15-Oct-2019 18:10

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_028LUP	FN:37	PRODUCER	14-Oct-2019 14:12	2121.4 M	1586.3 M

Output DLIS Files

DEFAULT	FMS_DSI_NGS_043PUP	FN:52	PRODUCER	15-Oct-2019 18:09		

Input DLIS Files

DEFAULT	FMS_DSI_NGS_028LUP	FN:37	PRODUCER	14-Oct-2019 14:12	2121.4 M	1586.3 M

Output DLIS Files

DEFAULT	FMS_DSI_NGS_043PUP	FN:52	PRODUCER	15-Oct-2019 18:09	2121.4 M	1586.3 M

OP System Version: 19C0-187

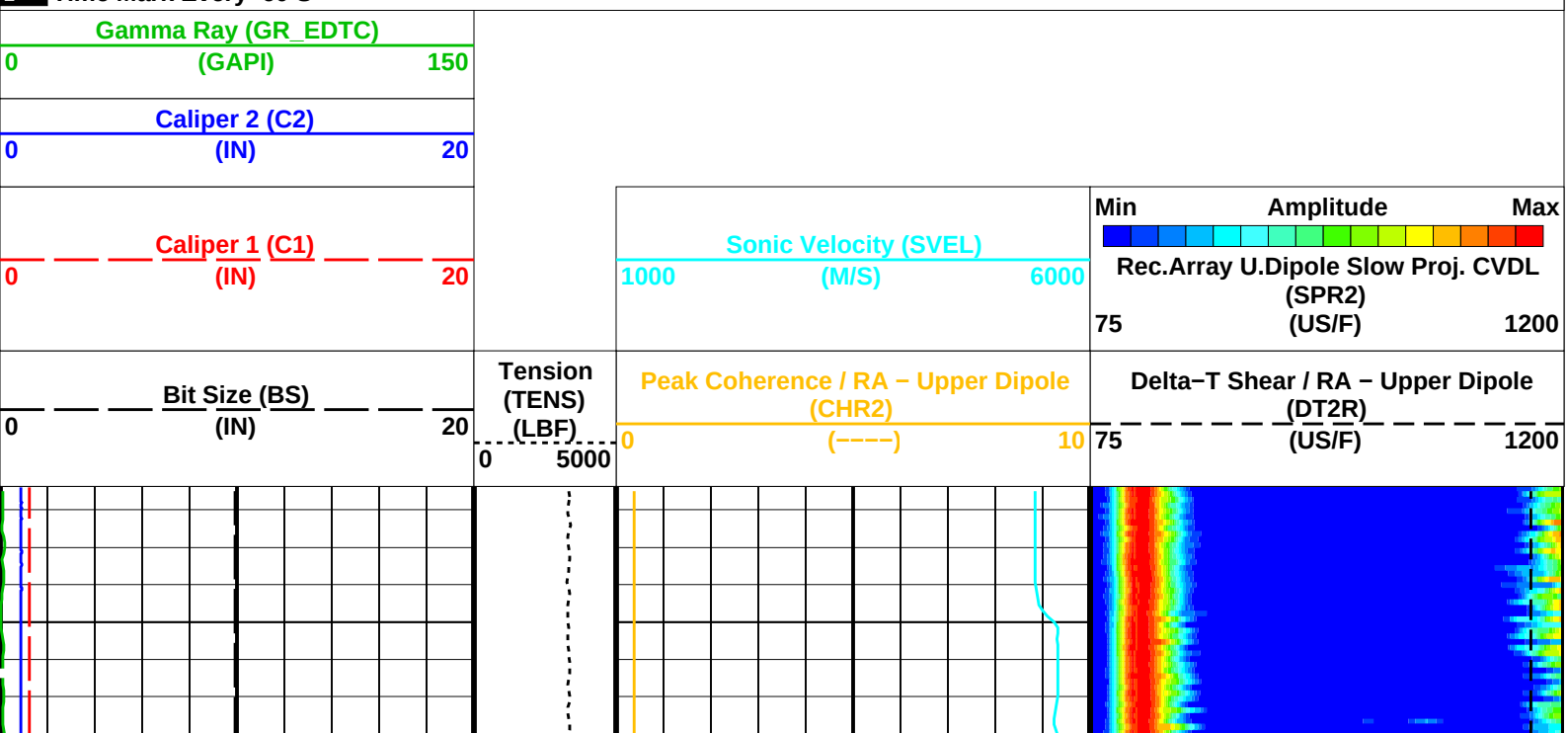
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

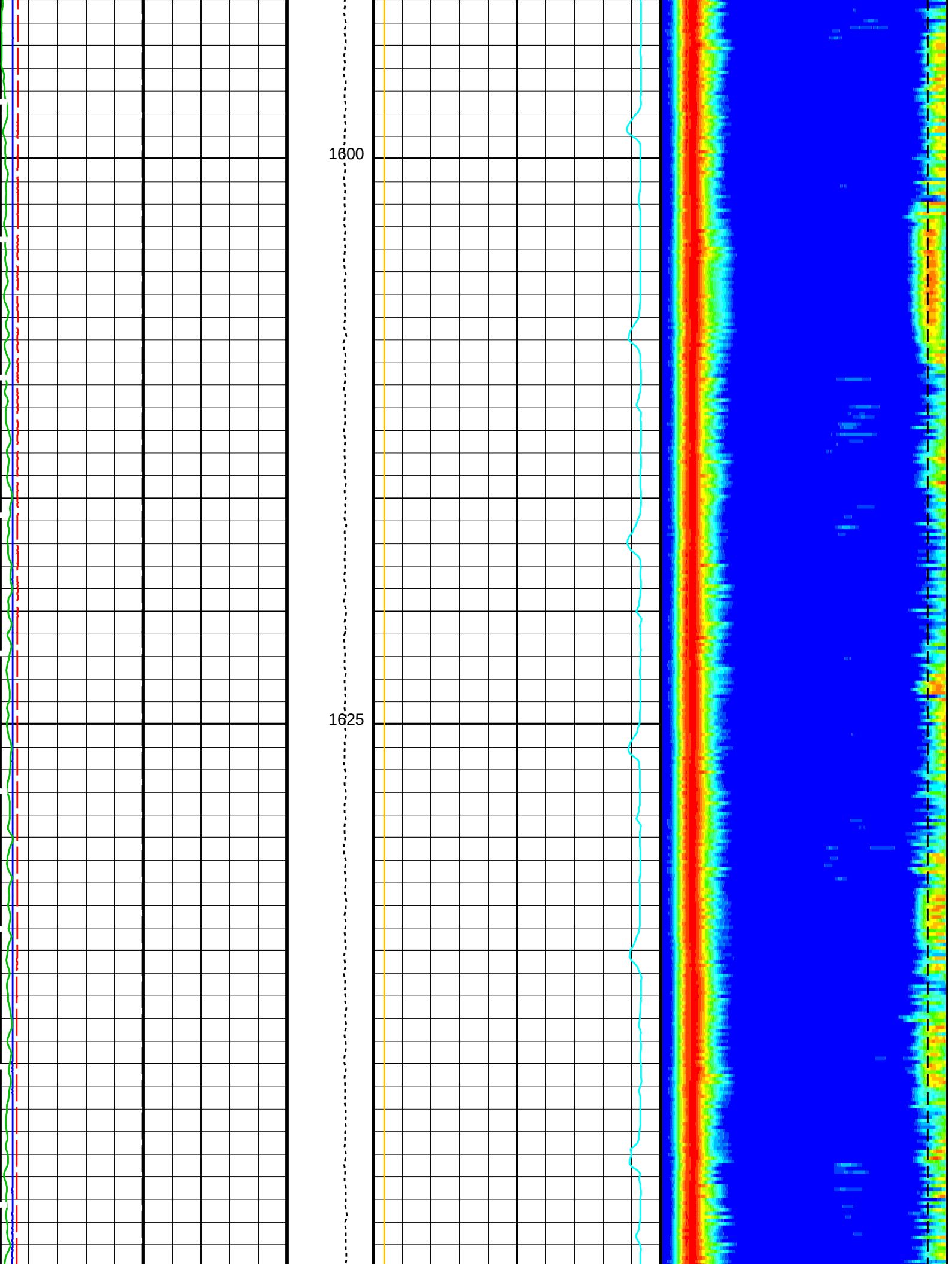
Changed Parameter Summary

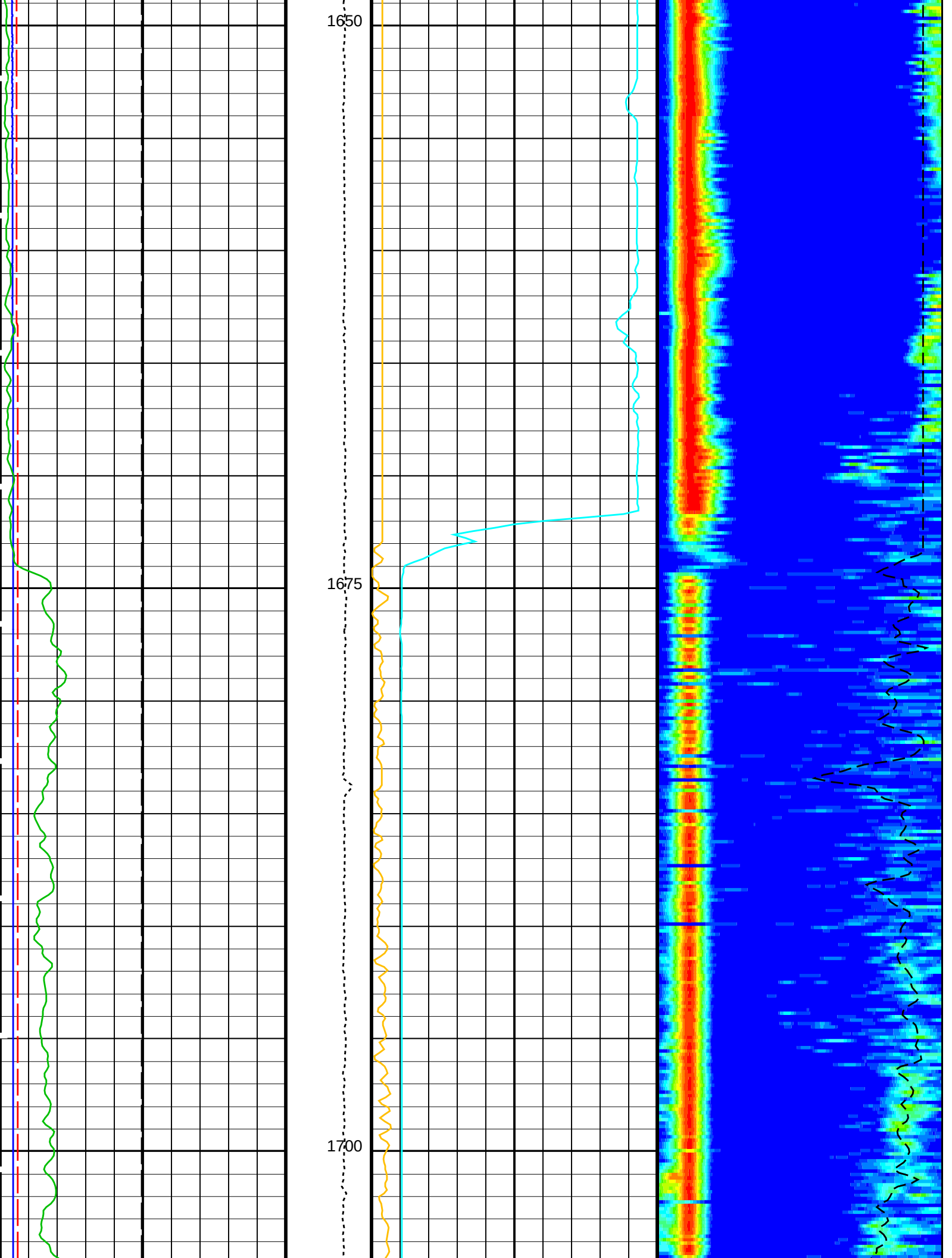
DLIS Name	New Value	Previous Value	Depth & Time
DSHL	75 US/F	75 US/F	2121.4 18:10:03
	300 US/F	75 US/F	1951.9 18:10:26
	75 US/F	300 US/F	1672.9 18:11:06
DSHU	1200 US/F	600 US/F	2121.4 18:10:03
	1200 US/F	1200 US/F	1951.9 18:10:26
	600 US/F	1200 US/F	1672.9 18:11:06

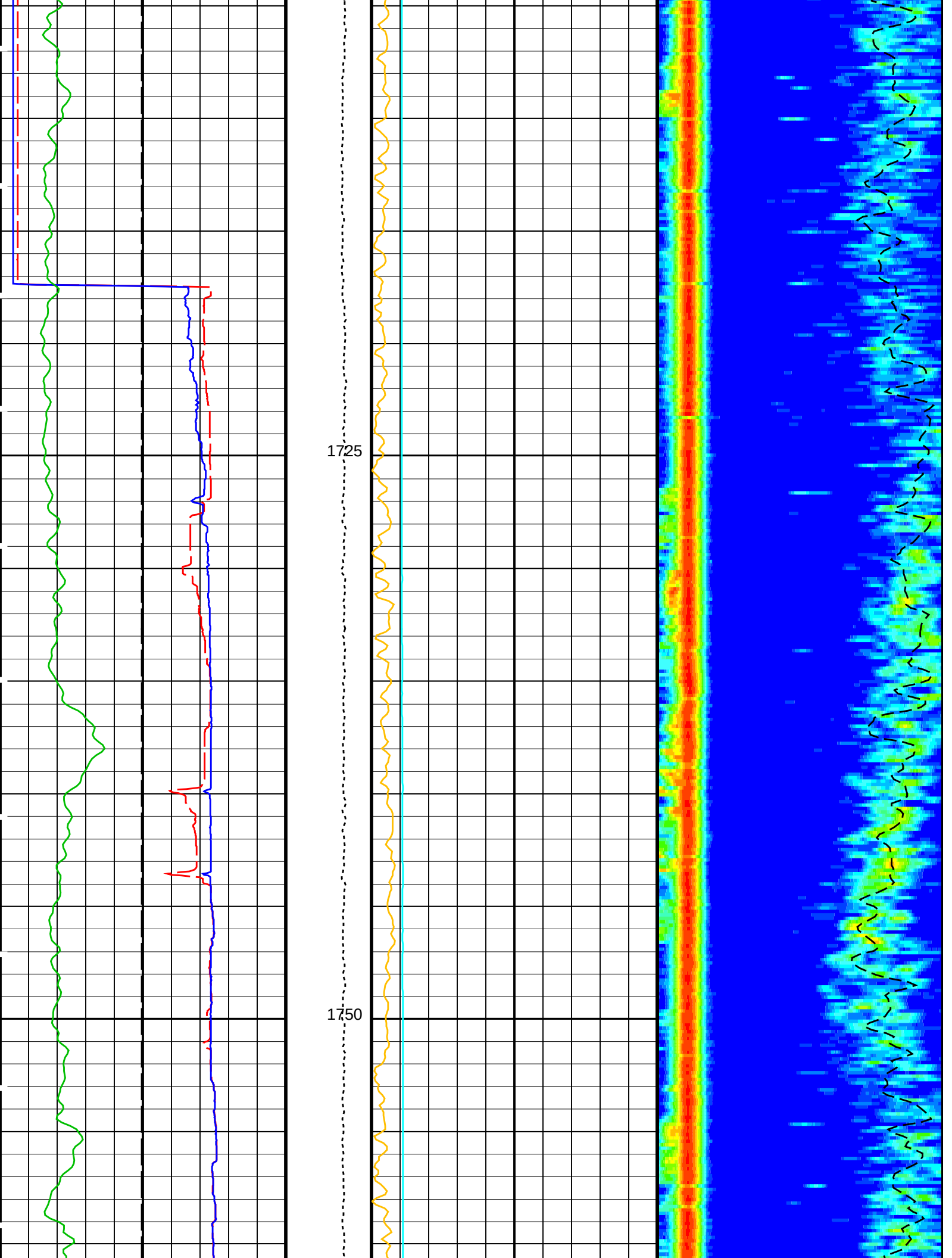
PIP SUMMARY

Time Mark Every 60 S




1600
1625


1650
1675
1700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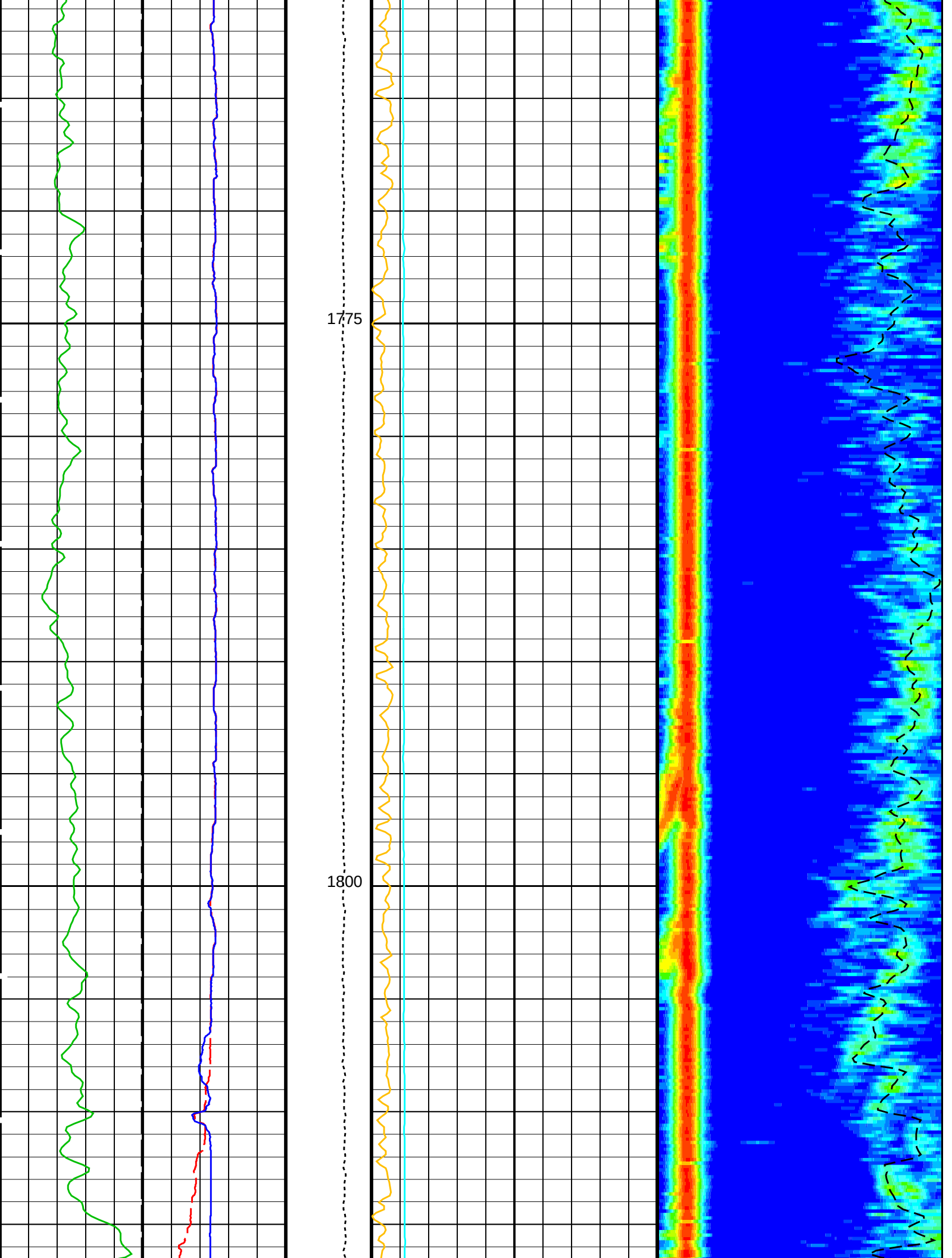
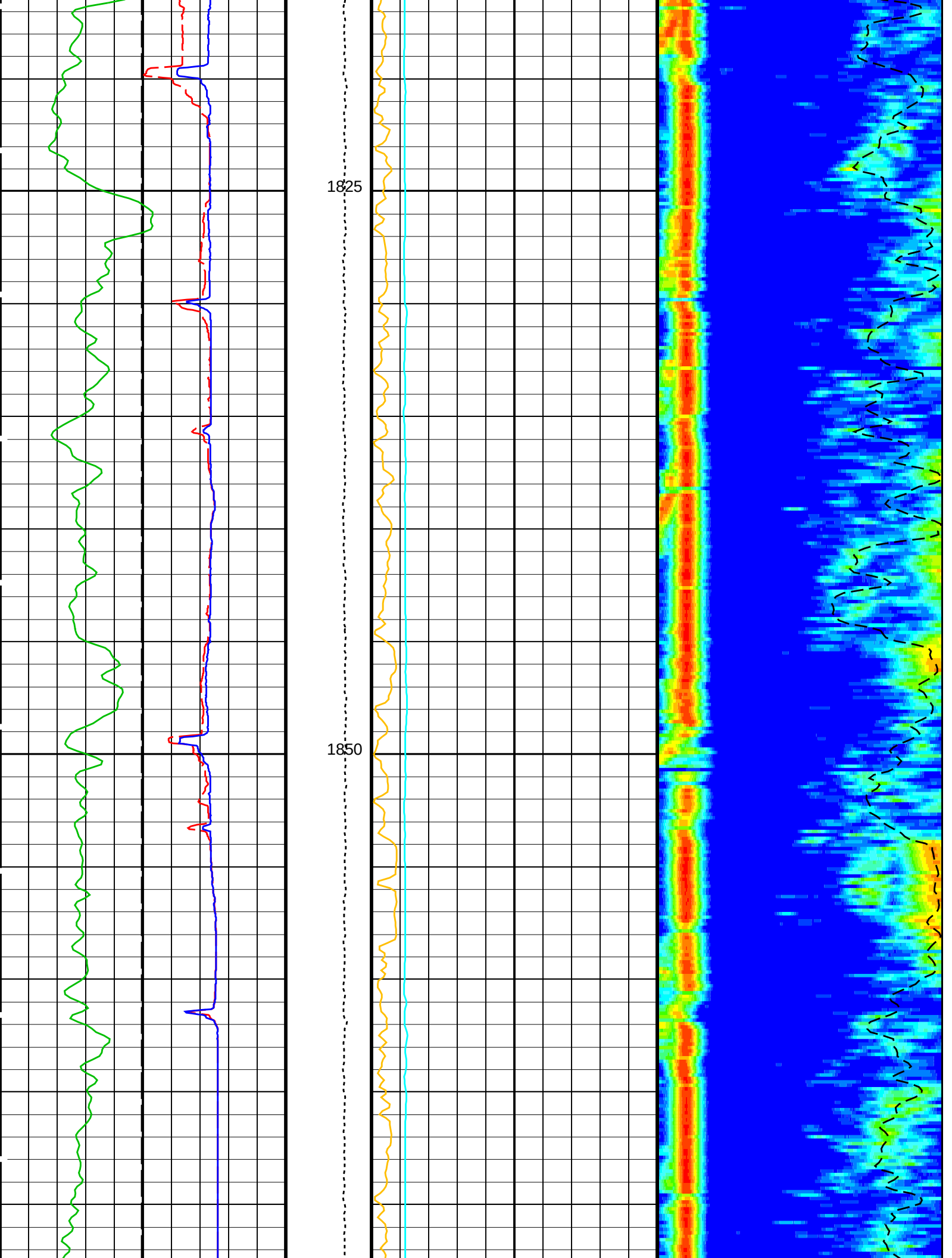
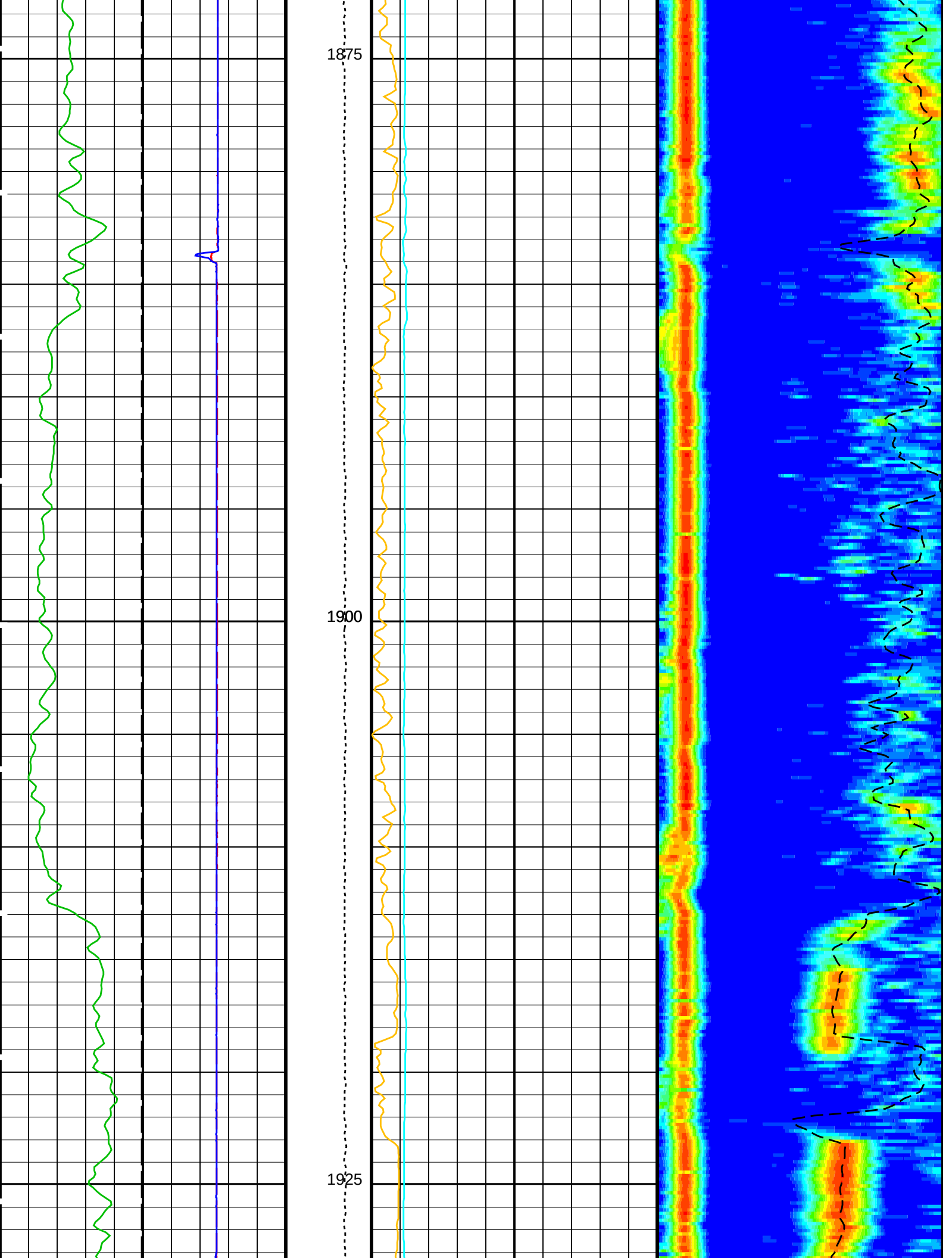
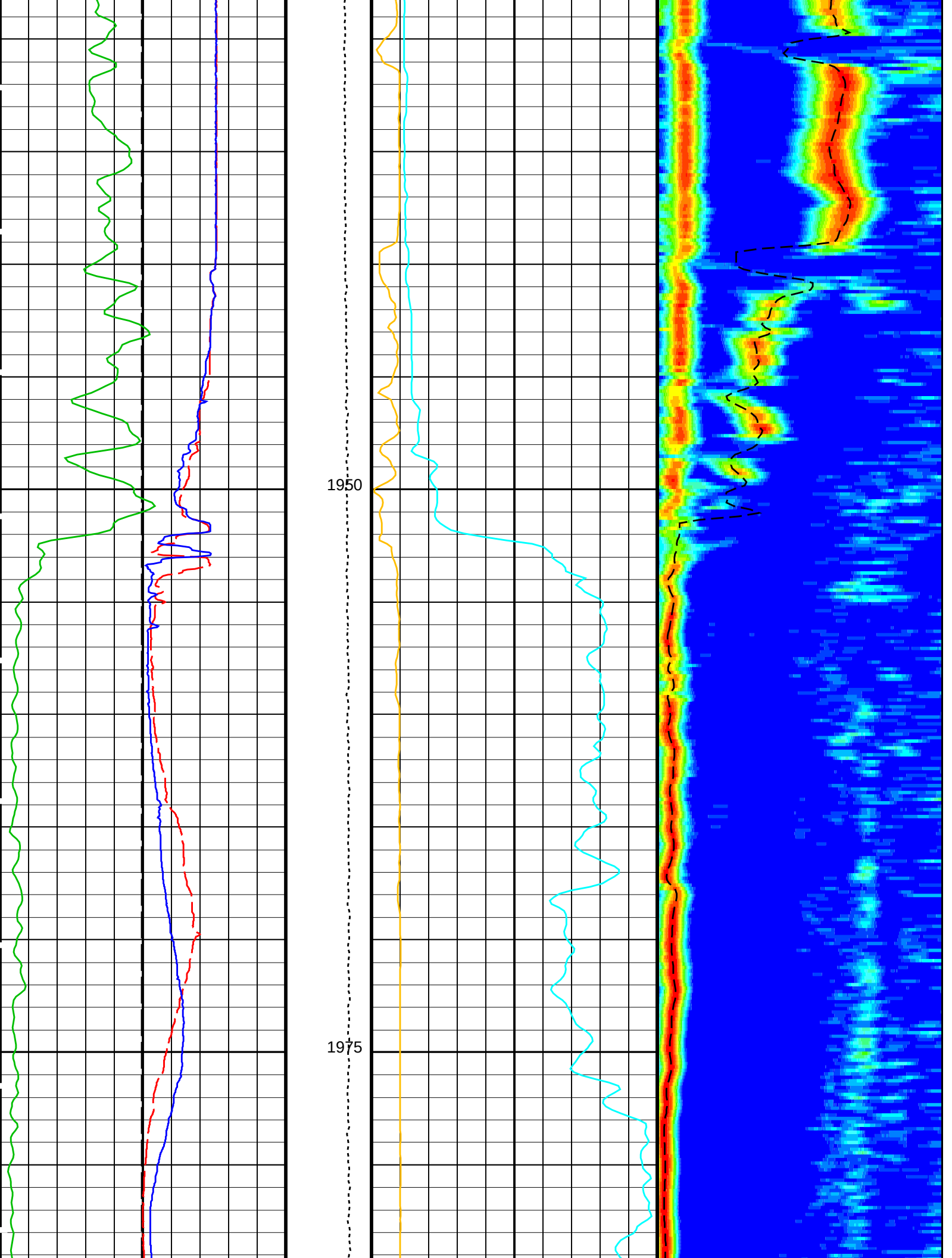
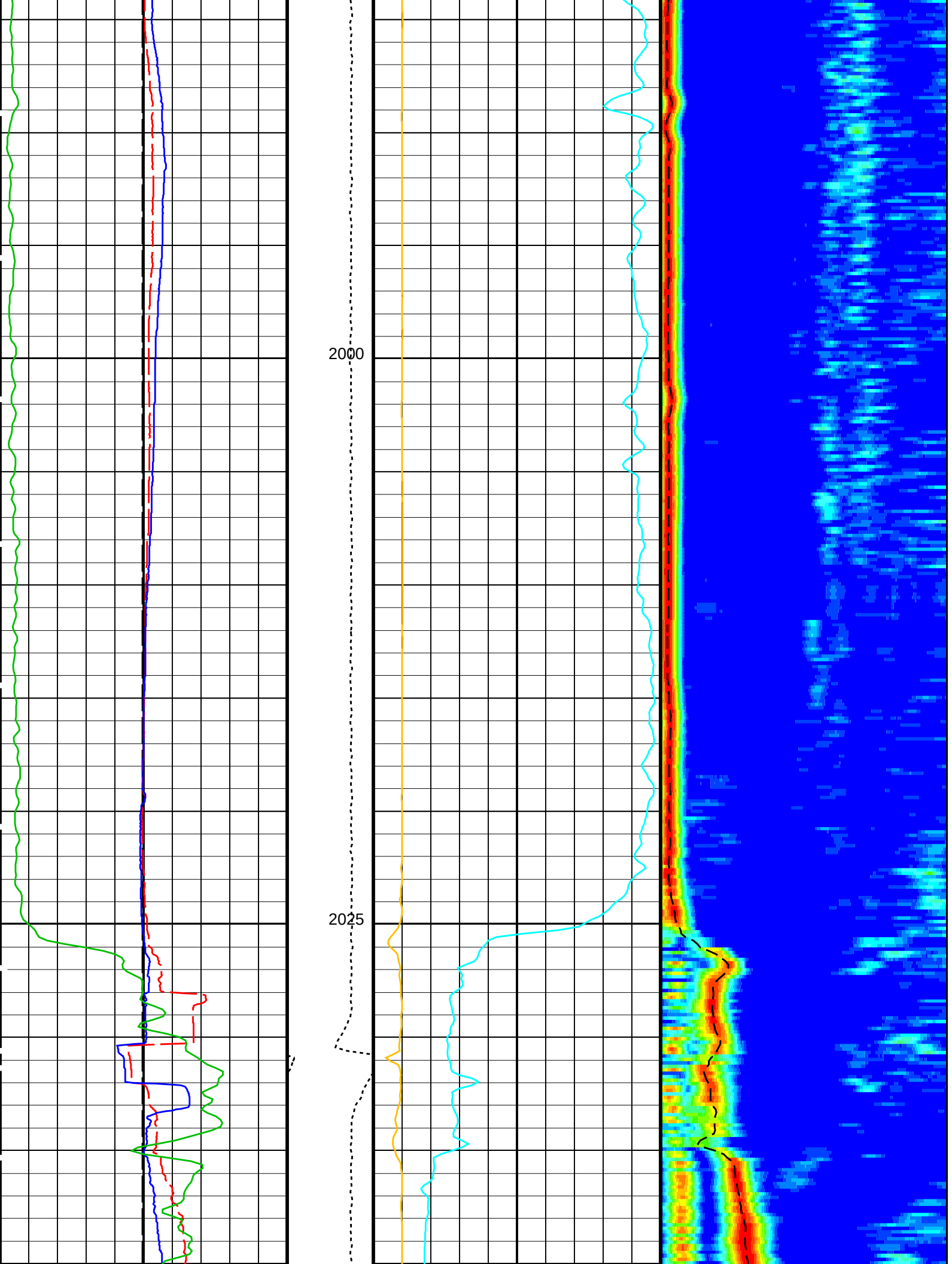
1750

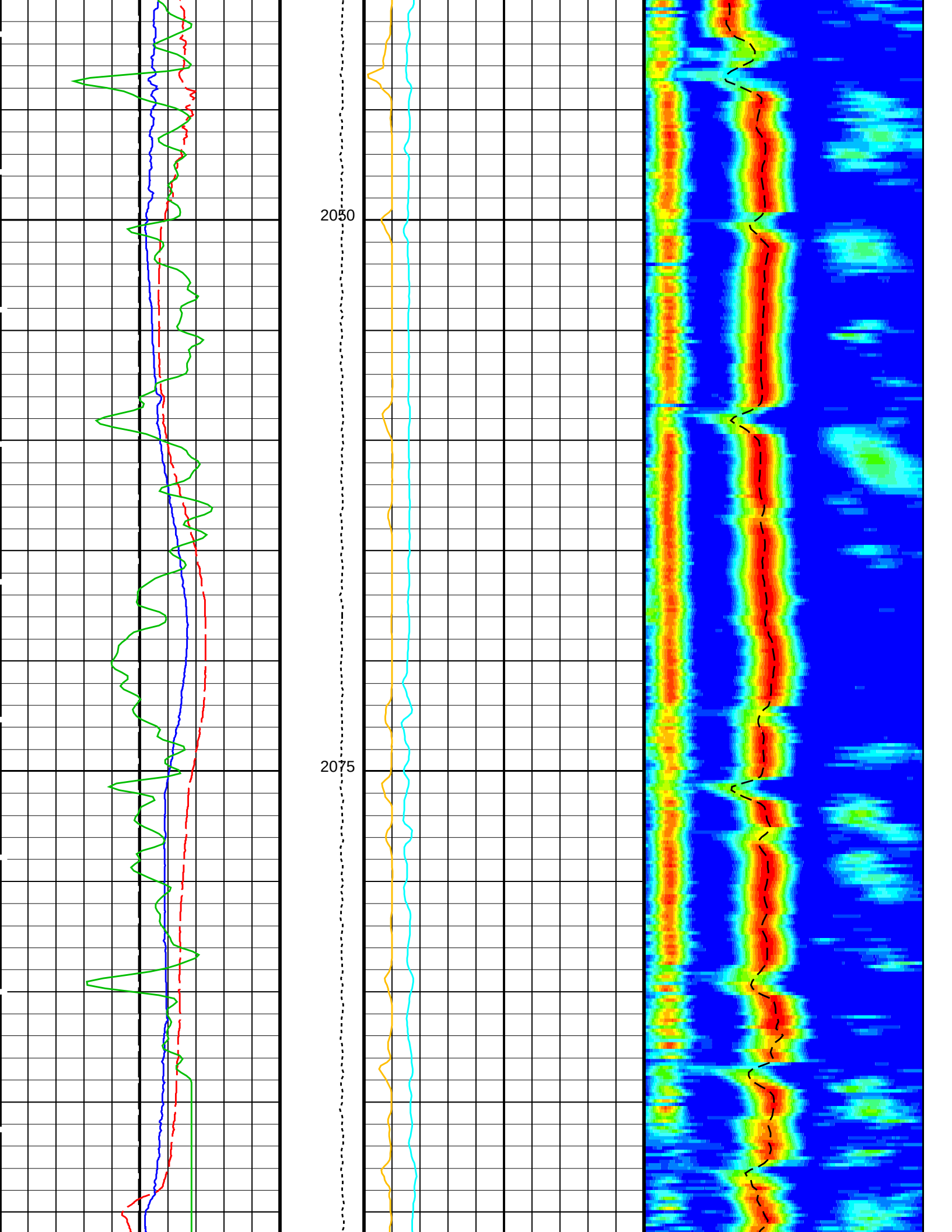

1775
1800

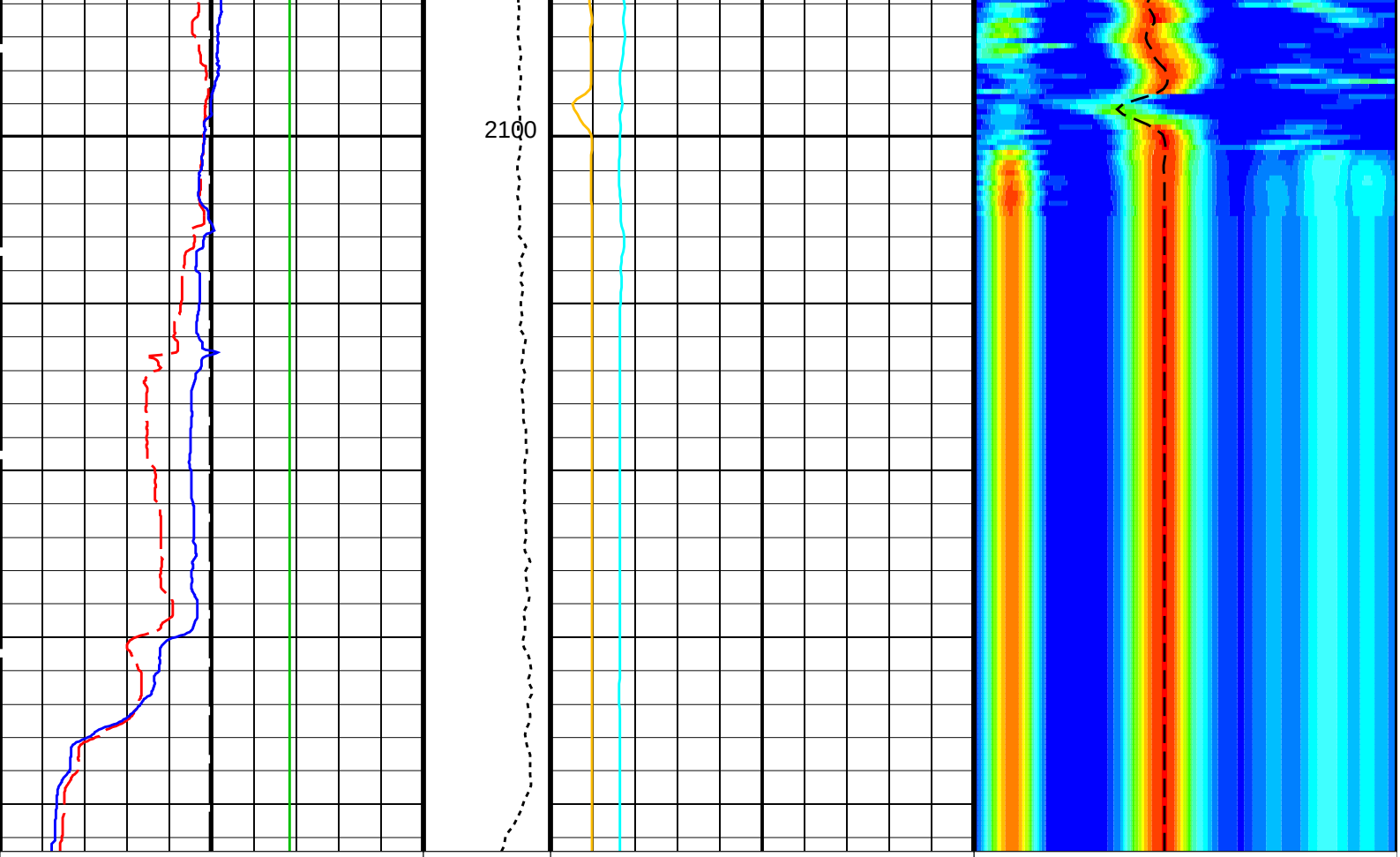

1825
1850


1875
1900
1925


1950
1975


2000
2025


2050
2075



Bit Size (BS)
0 (IN) 20

Caliper 1 (C1)
0 (IN) 20

Caliper 2 (C2)
0 (IN) 20

Gamma Ray (GR_EDTC)
0 (GAPI) 150

Tension (TENS) (LBF)
0 5000

Peak Coherence / RA − Upper Dipole (CHR2)
0 (−−−−) 10

Sonic Velocity (SVEL)
1000 (M/S) 6000

Delta−T Shear / RA − Upper Dipole (DT2R)
75 (US/F) 1200

Min Amplitude Max

Rec.Array U.Dipole Slow Proj. CVDL (SPR2)
75 (US/F) 1200

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	75	US/F
DSHU	Label Slowness Upper Limit − Dipole Shear	600	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		
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	

Format: DSST_UPPER_DIPOLE_VDL_COLOR **Vertical Scale: 1:200** **Graphics File Created: 15−Oct−2019 18:10**

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_028LUP	FN:37	PRODUCER	14−Oct−2019 14:12	2121.4 M	1586.3 M

Output DLIS Files

DEFAULT	FMS_DSI_NGS_043PUP	FN:52	PRODUCER	15−Oct−2019 18:09		

Company: International Ocean Discovery Program **Well: Expedition 385, Site U1546C**

Input DLIS Files

DEFAULT	FMS_DSI_NGS_028LUP	FN:37	PRODUCER	14−Oct−2019 14:12	2121.4 M	1586.3 M

Output DLIS Files

DEFAULT	FMS_DSI_NGS_043PUP	FN:52	PRODUCER	15−Oct−2019 18:09	2121.4 M	1586.3 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

Gamma Ray (GR_EDTC)
0 (GAPI) 150

Caliper 2 (C2)
0 (IN) 20

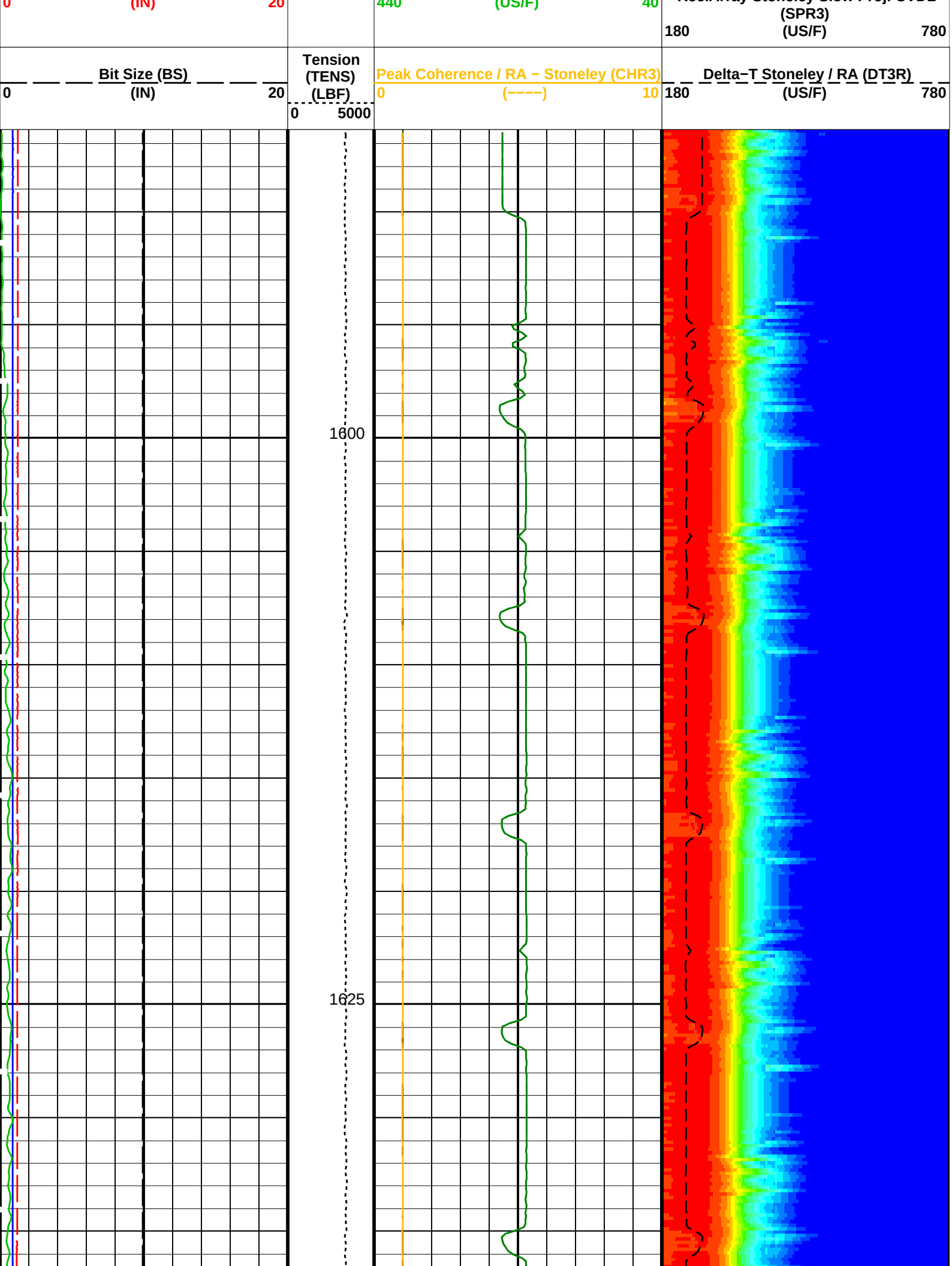
Caliper 1 (C1)

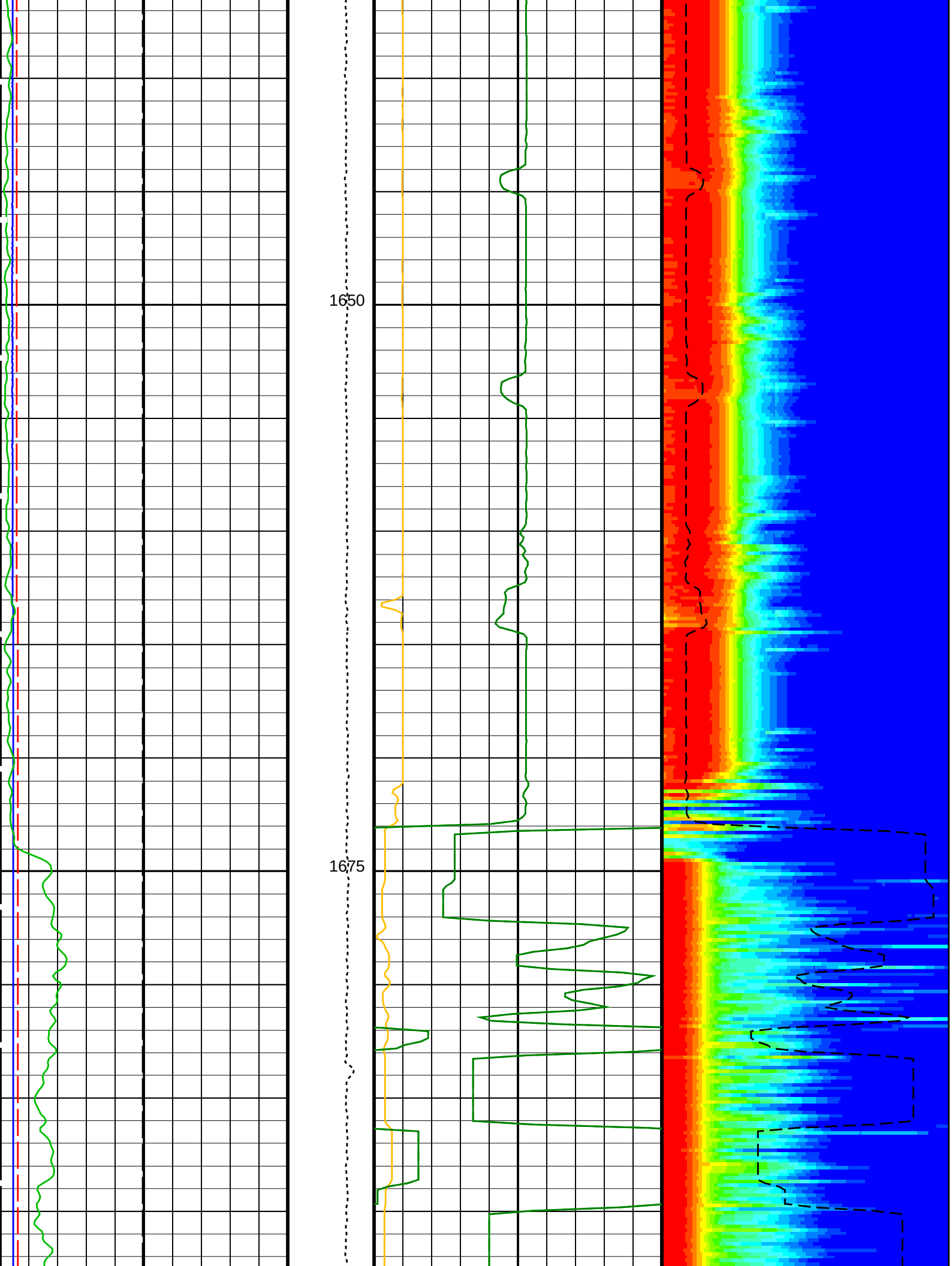
Delta−T Stoneley (DTST)
440 (US/F) 40

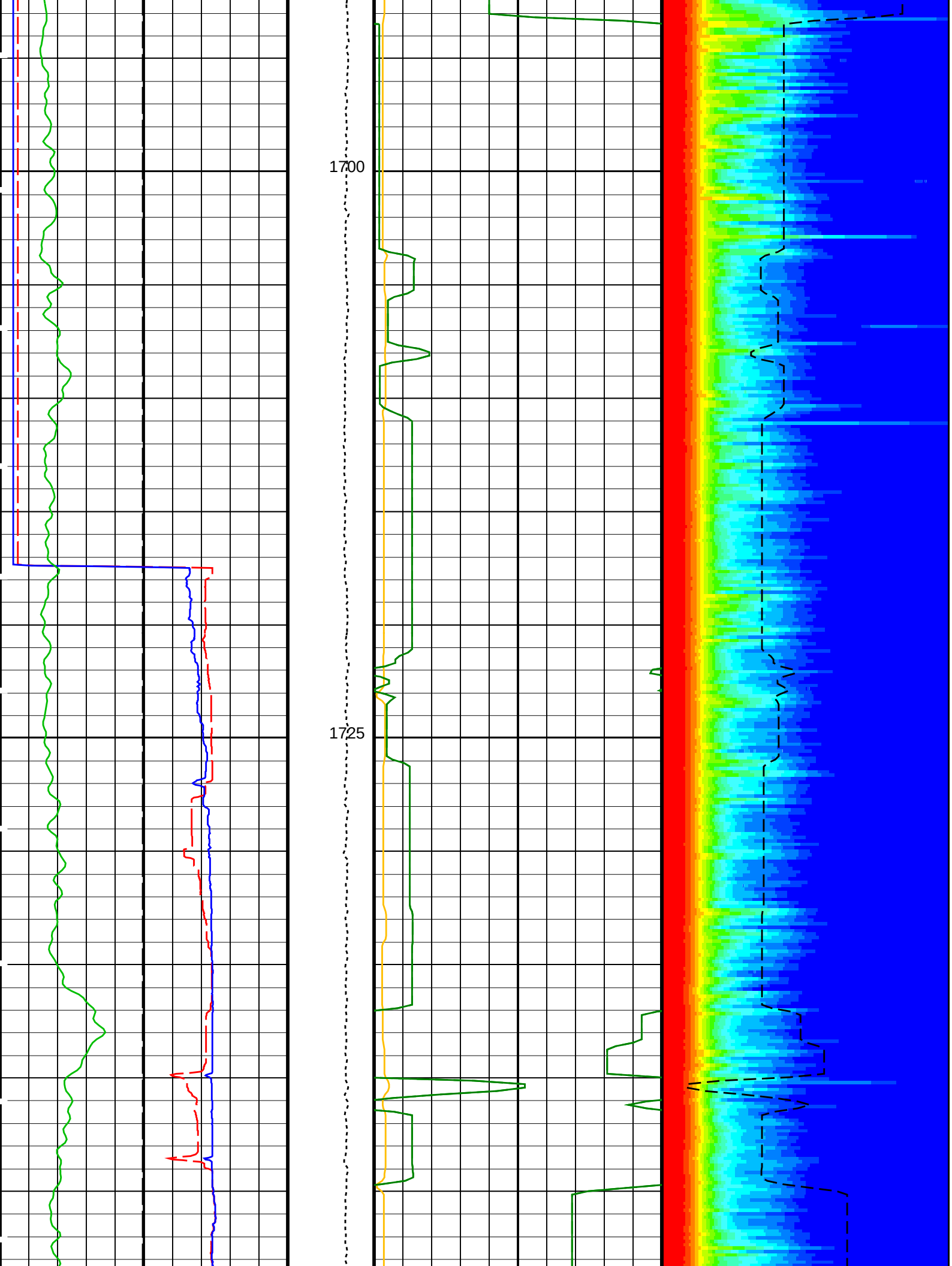
Delta−T Stoneley / RA (DT3R)

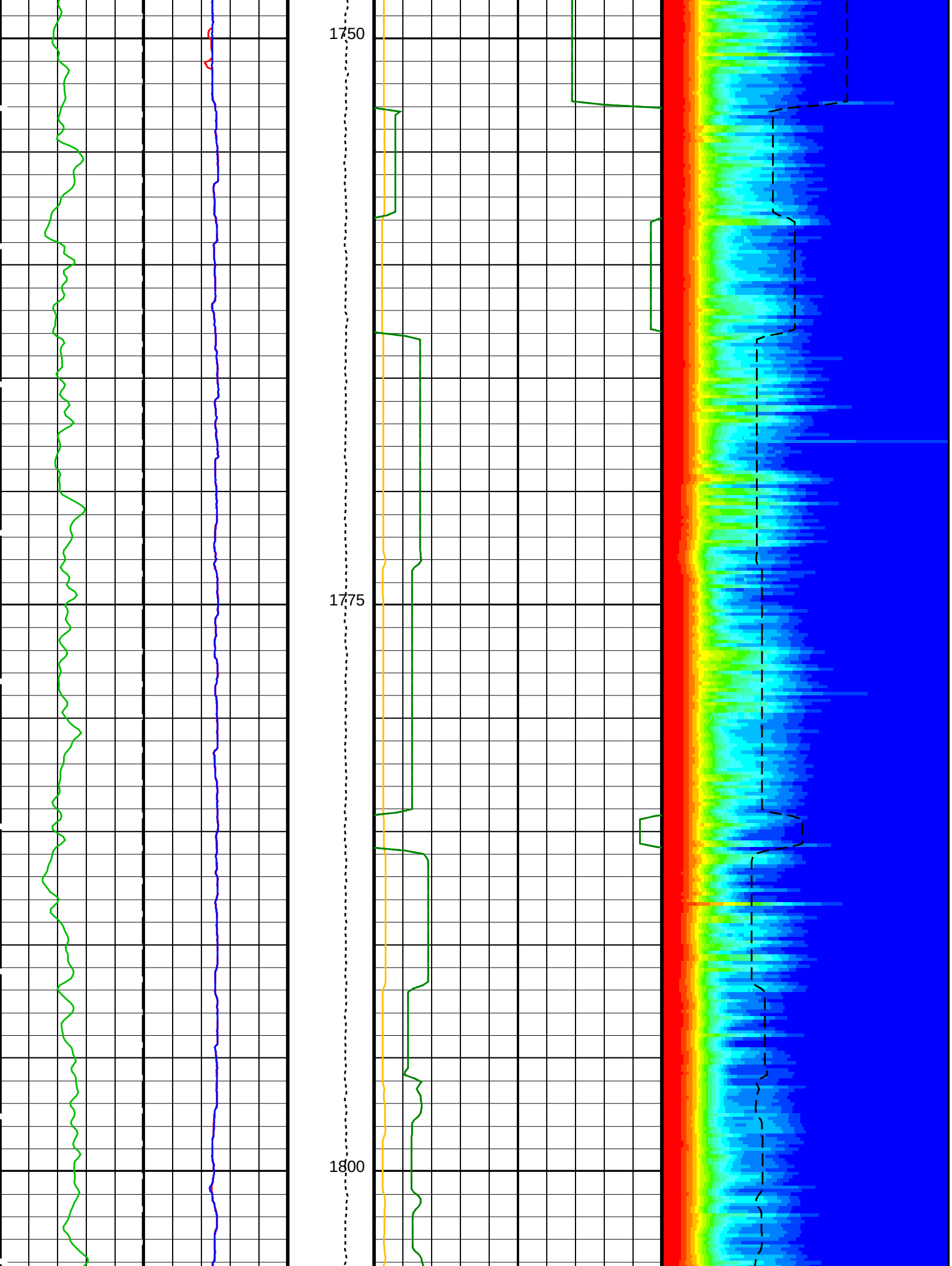
Min Amplitude Max

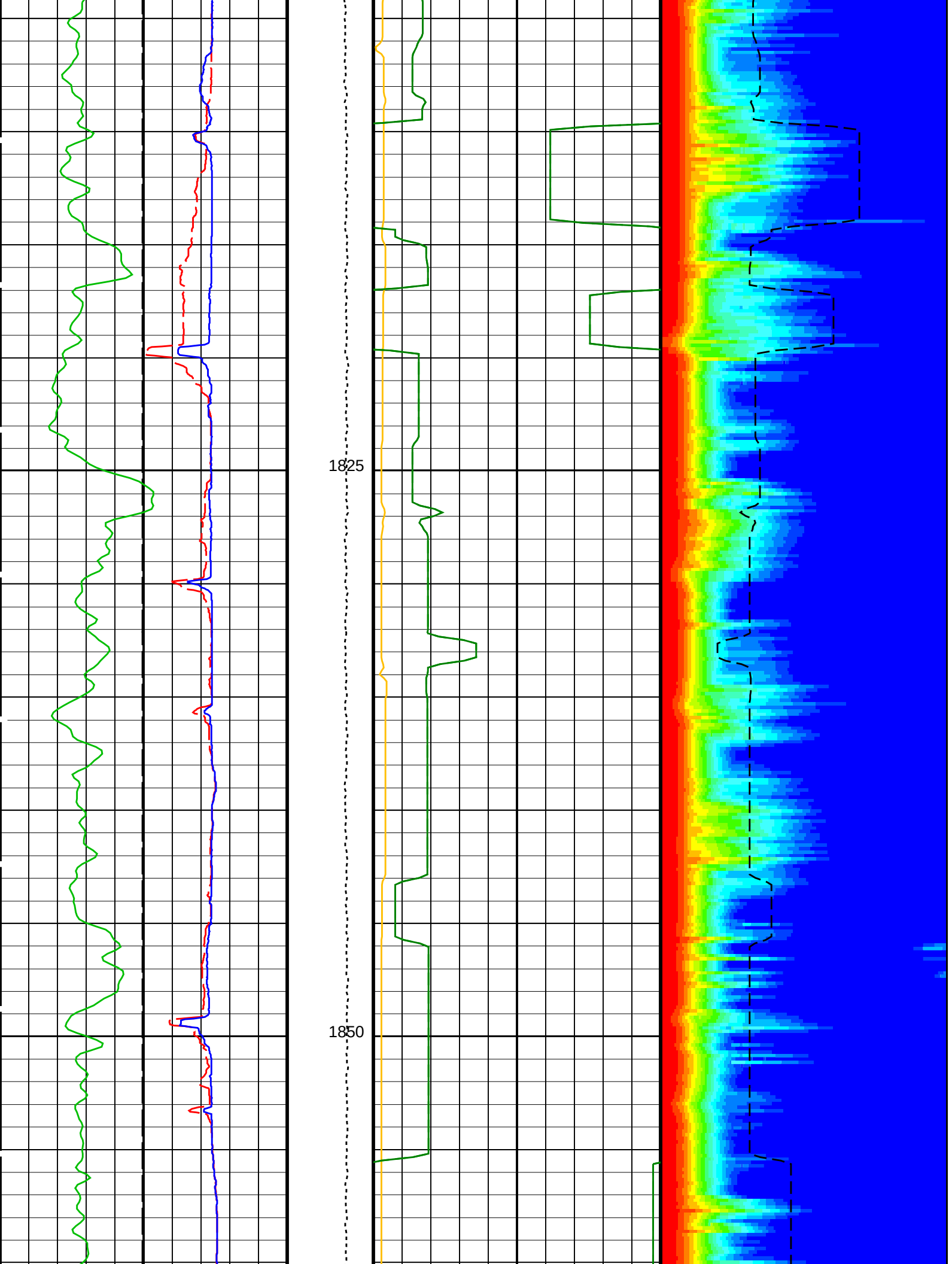
Rec.Array Stoneley Slow Proj. CVDL

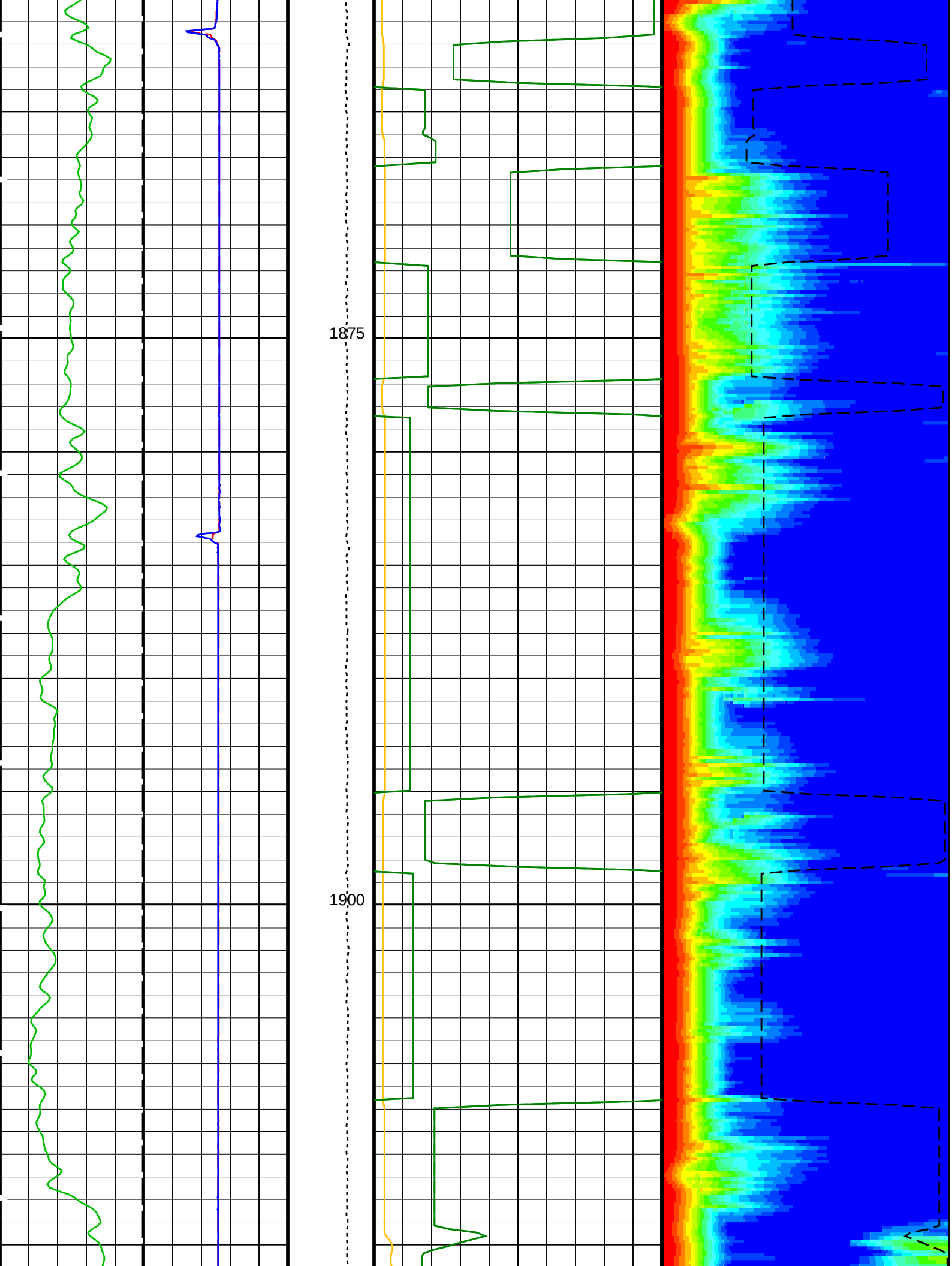

0
(IN)
20
440
(US/F)
40
(SPR3)
180
(US/F)
780
Bit Size (BS)
0
(IN)
20
Tension
(TENS)
(LBF)
0
5000
Peak Coherence / RA − Stoneley (CHR3)
0
(−−−−)
10
Delta−T Stoneley / RA (DT3R)
180
(US/F)
780
1600
1625

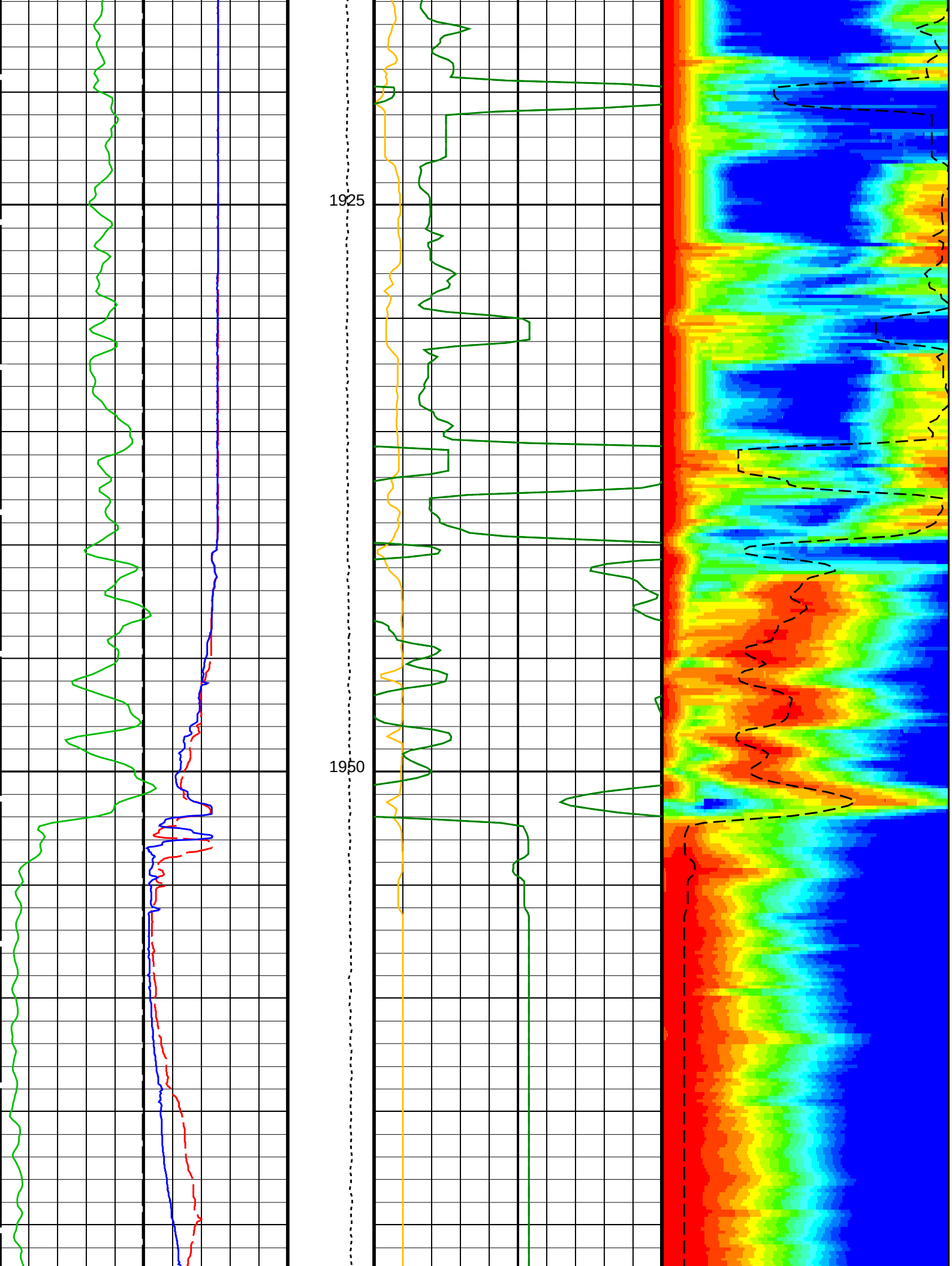

1650
1675

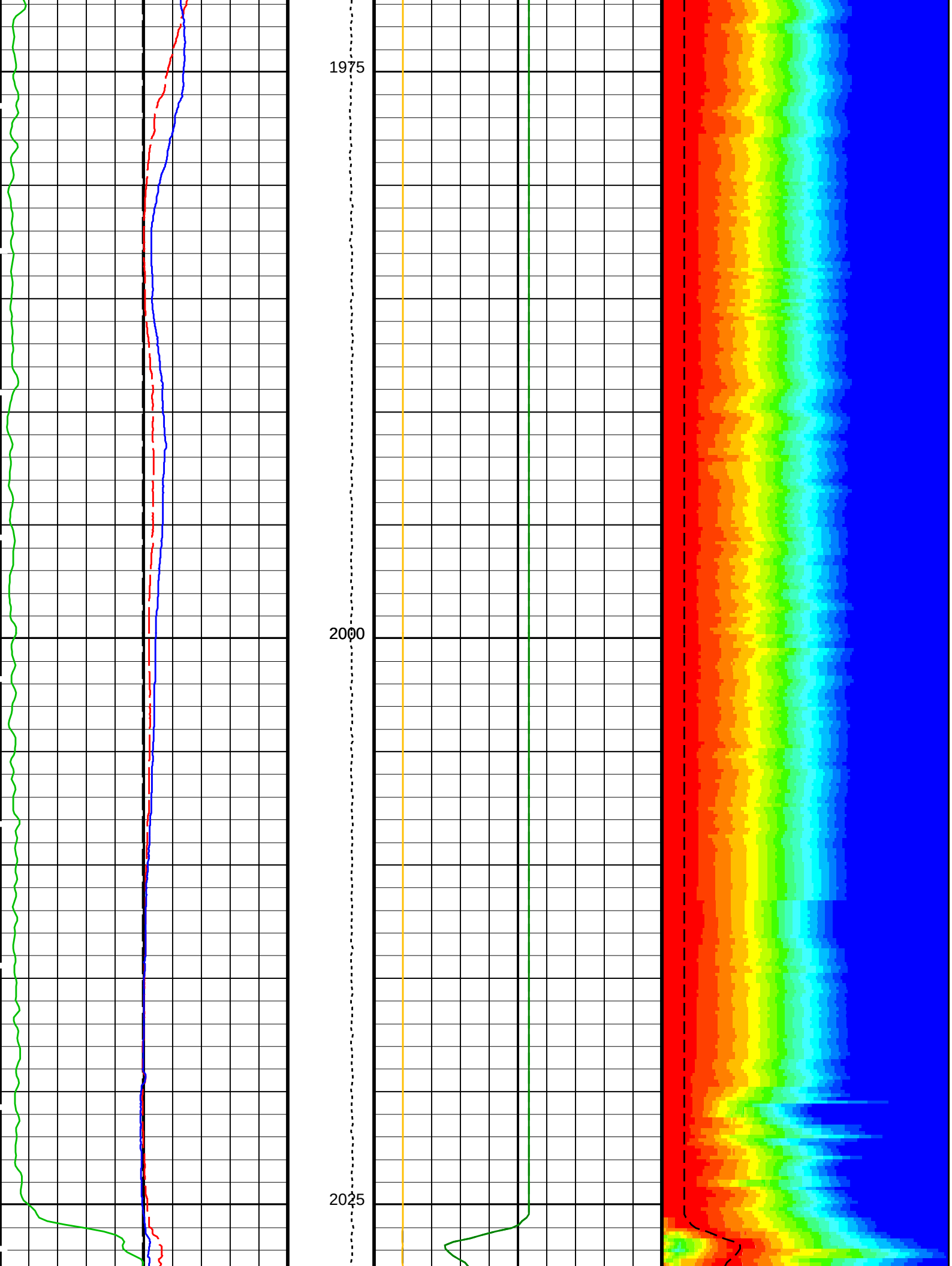

1700
1725

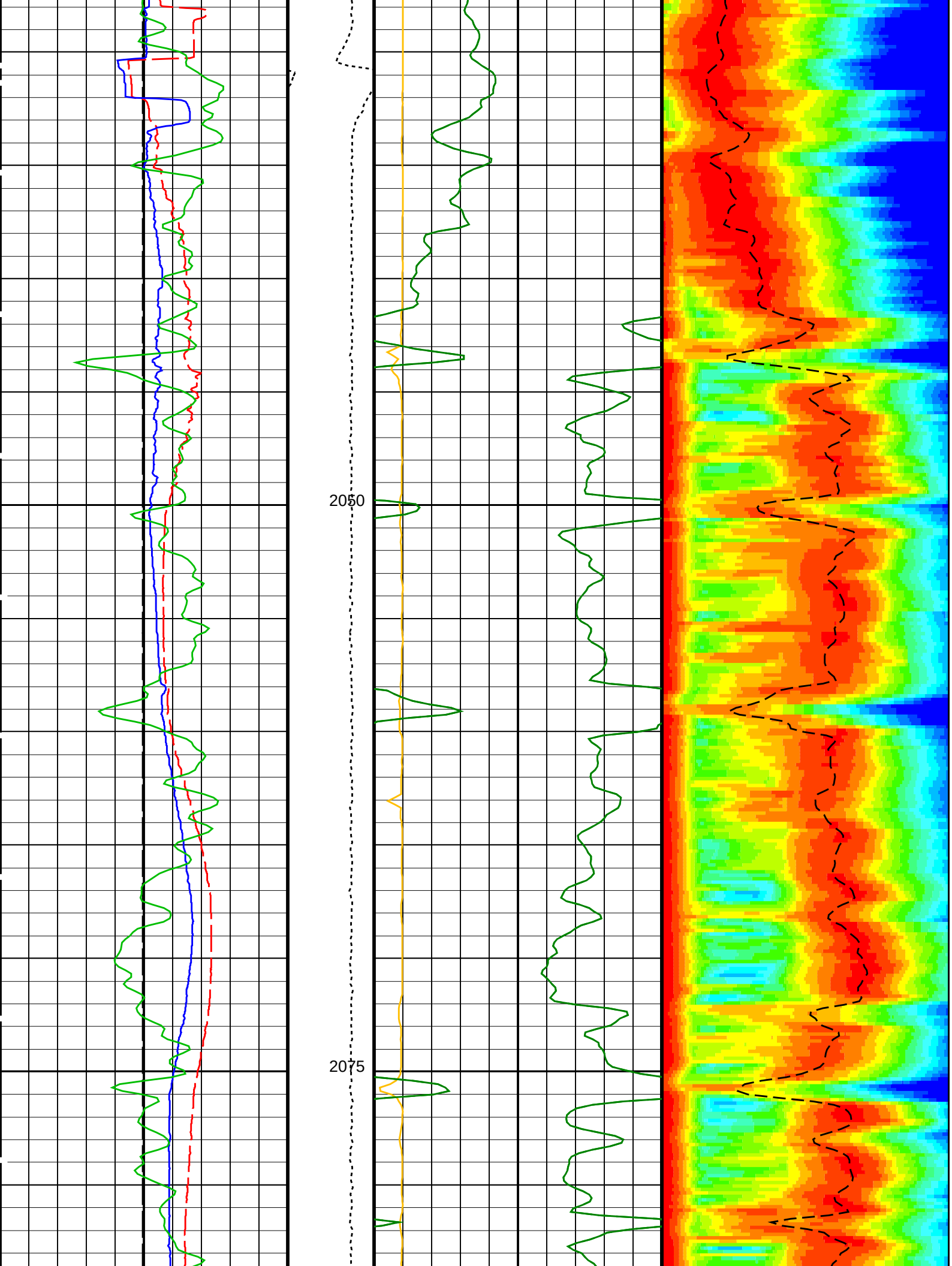

1750
1775
1800

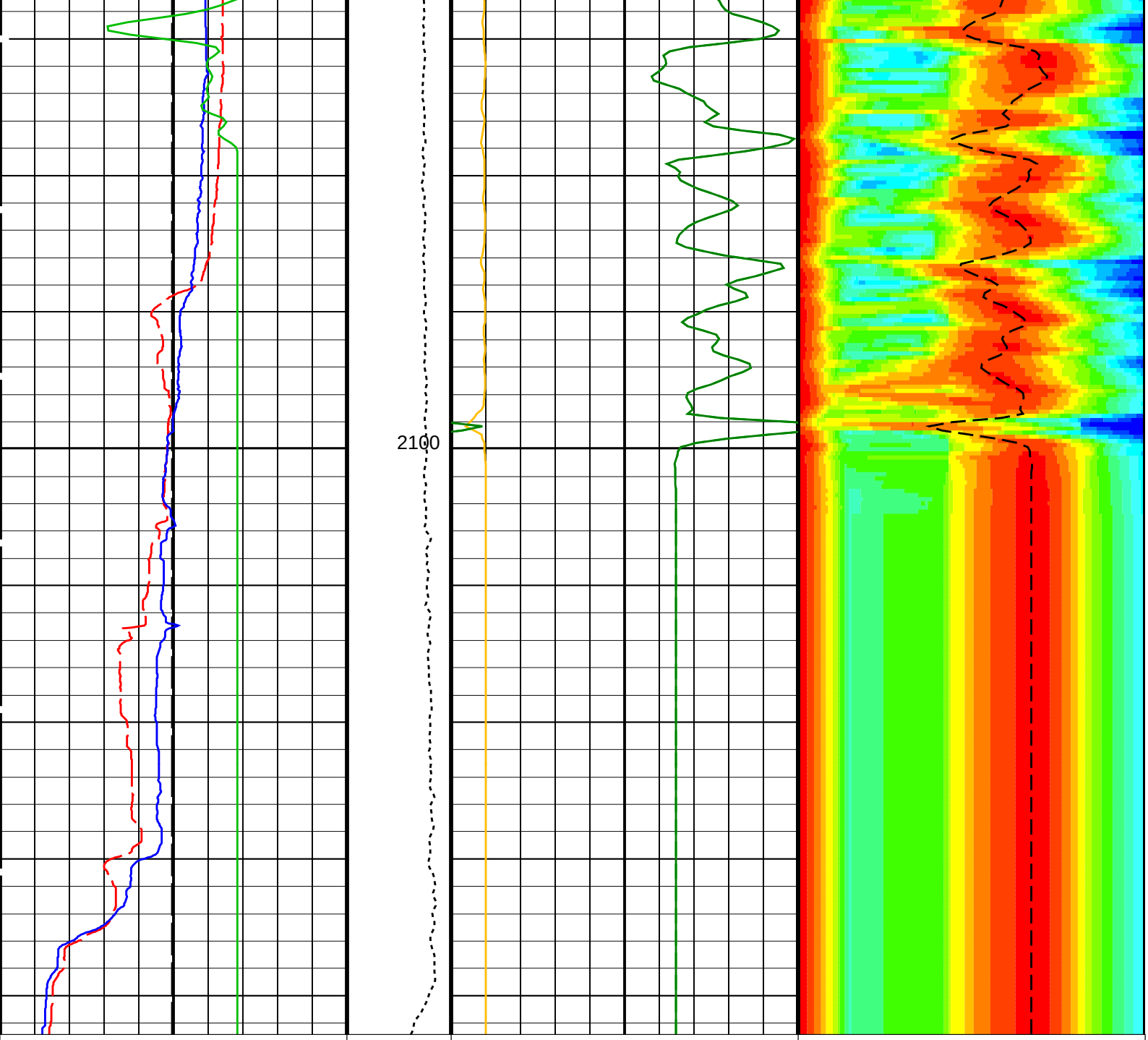

1825
1850


1875
1900


1925
1950


1975
2000
2025


2050
2075



Bit Size (BS)	Tension (TENS)	Peak Coherence / RA − Stoneley (CHR3)	Delta−T Stoneley / RA (DT3R)
0 (IN) 20	0 (LBF) 5000	0 (−−−−) 10	180 (US/F) 780

Caliper 1 (C1)		Delta−T Stoneley / RA (DT3R)	Min Amplitude Max Rec.Array Stoneley Slow Proj. CVDL (SPR3)
0 (IN) 20		440 (US/F) 40	180 (US/F) 780
Caliper 2 (C2)		**Delta−T Stoneley (DTST)**	
0 (IN) 20		440 (US/F) 40	
Gamma Ray (GR_EDTC)			
0 (GAPI) 150			

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	9.875	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: 15−Oct−2019 18:10

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_028LUP	FN:37	PRODUCER	14−Oct−2019 14:12	2121.4 M	1586.3 M

Output DLIS Files

DEFAULT	FMS_DSI_NGS_043PUP	FN:52	PRODUCER	15−Oct−2019 18:09

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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: 15−Oct−2019 23:36							
Caliper 1 Zero Measurement	12.00	N/A	12.79	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	12.00	N/A	12.67	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.19	N/A	15.73	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.19	N/A	15.55	N/A	N/A	N/A	IN
Micro Electrical Scanner − B (Slim) Wellsite Calibration − CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: 14−Oct−2019 12:13							
TEMPERATURE REFERENCE :	N/A	N/A	20	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	99	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	743	N/A	N/A	N/A	
Micro Electrical Scanner − B (Slim) Wellsite Calibration − CROUZET MAGNETOMETER PROM HAS BEEN READ CORRECTLY							
Before: 14−Oct−2019 12:13							
TEMPERATURE REFERENCE :	N/A	N/A	23	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	9	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	507	N/A	N/A	N/A	
Hostile Natural Gamma Ray Sonde Wellsite Calibration − Detector 1 Check							
Master: 18−Aug−2019 12:27 Before: 14−Oct−2019 4:09 After: 14−Oct−2019 11:08							
Na 511 Peak Loc	40.00	39.62	39.44	39.87	0.4304	1.000	
Na 511 Peak Res	15.50	14.85	15.41	16.31	0.8974	2.000	%
High Voltage	1150	1182	1214	1219	4.309	N/A	V
Na 1785 Peak Loc	142.6	142.6	140.7	142.2	1.453	7.000	
Na 1785 Peak Res	8.500	8.521	9.554	8.221	−1.333	2.000	%
Temperature	15.50	18.29	33.91	33.06	−0.8420	N/A	DEGC
Na Count Rate	45.00	17.57	15.87	16.08	0.2172	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration − Detector 2 Check							
Master: 18−Aug−2019 12:27 Before: 14−Oct−2019 4:09 After: 14−Oct−2019 11:08							
Na 511 Peak Loc	40.00	39.65	39.53	39.61	0.08519	1.000	
Na 511 Peak Res	15.50	15.15	16.25	16.64	0.3948	2.000	%
High Voltage	1150	1105	1144	1143	−1.032	N/A	V
Na 1785 Peak Loc	142.6	141.6	141.1	141.8	0.6726	7.000	
Na 1785 Peak Res	8.500	8.425	9.065	8.396	−0.6699	2.000	%
Temperature	15.50	18.67	34.60	34.87	0.2688	N/A	DEGC
Na Count Rate	45.00	17.43	15.86	15.91	0.05081	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration − Ratio Of Detector 1 To Detector 2							
Master: 18−Aug−2019 12:27 Before: 14−Oct−2019 4:09 After: 14−Oct−2019 11:08							
Coincidence Count Rate Ratio	1.000	1.008	0.9984	1.013	0.01424	0.05000	
Enhanced DTS Cartridge Wellsite Calibration − EDTC Accelerometer Calibration							
Before: 14−Oct−2019 4:18							
EDTC Z−Axis Acceleration	9.810	N/A	9.744	N/A	N/A	N/A	M/S2
Enhanced DTS Cartridge Wellsite Calibration − Detector Calibration							
Before: 14−Oct−2019 4:07 After: 14−Oct−2019 11:04							
Gamma Ray (Jig − Bkg)	134.6	N/A	134.6	128.0	−6.692	12.24	GAPI
Gamma Ray (Calibrated)	165.0	N/A	165.0	156.8	−8.200	15.00	GAPI

Micro Electrical Scanner − B (Slim) / Equipment Identification

Primary Equipment:		
MEST Sonde − B	MEDS − B	724
MEST Preamplifier Cartridge − AB	MEPC − AB	807
GPIT Cartridge − AC	GPIC − AC	719
MEST Acquisition Cartridge − A	MEAC − A	804
Auxiliary Equipment:		
MEST−B Preamplifier Cartridge Housing	MEPH − A	702
MEST Acquisition Cartridge Housing (Slim	MEAH − B	769

Hostile Natural Gamma Ray Cartridge − B / Equipment Identification

Primary Equipment:		
HNGC Cartridge	HNGC − B	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
Master		39.62
Before		39.44
After		39.87
	37.50 (Minimum) 40.00 (Nominal) 43.50 (Maximum)	

Phase	Na 511 Peak Res %	Value
Master		14.85
Before		15.41
After		16.31
	12.00 (Minimum) 15.50 (Nominal) 19.00 (Maximum)	

Phase	High Voltage V	Value
Master		1182
Before		1214
After		1219
	900.0 (Minimum) 1150 (Nominal) 1600 (Maximum)	

Phase	Na 1785 Peak Loc	Value
Master		142.6
Before		140.7
After		142.2
	135.0 (Minimum) 142.6 (Nominal) 150.3 (Maximum)	

Phase	Na 1785 Peak Res %	Value
Master		8.521
Before		9.554
After		8.221
	7.000 (Minimum) 8.500 (Nominal) 11.00 (Maximum)	

Phase	Temperature DEGC	Value
Master		18.29
Before		33.91
After		33.06
	−28.89 (Minimum) 15.50 (Nominal) 60.00 (Maximum)	

Phase	Na Count Rate CPS	Value
Master		17.57
Before		15.87
After		16.08
	10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)	

Master: 18−Aug−2019 12:27 Before: 14−Oct−2019 4:09 After: 14−Oct−2019 11:08

Hostile Natural Gamma Ray Sonde Wellsite Calibration

Detector 2 Check

Phase	Na 511 Peak Loc	Value
Master		39.65
Before		39.53
After		39.61
	37.50 (Minimum) 40.00 (Nominal) 43.50 (Maximum)	

Phase	Na 511 Peak Res %	Value
Master		15.15
Before		16.25
After		16.64
	12.00 (Minimum) 15.50 (Nominal) 19.00 (Maximum)	

Phase	High Voltage V	Value
Master		1105
Before		1144
After		1143
	900.0 (Minimum) 1150 (Nominal) 1600 (Maximum)	

Phase	Na 1785 Peak Loc	Value
Master		141.6
Before		141.1
After		141.8
	135.0 (Minimum) 142.6 (Nominal) 150.3 (Maximum)	

Phase	Na 1785 Peak Res %	Value
Master		8.425
Before		9.065
After		8.396
	7.000 (Minimum) 8.500 (Nominal) 11.00 (Maximum)	

Phase	Temperature DEGC	Value
Master		18.67
Before		34.60
After		34.87
	−28.89 (Minimum) 15.50 (Nominal) 60.00 (Maximum)	

Phase	Na Count Rate CPS	Value
Master		17.43
Before		15.86
After		15.91
	10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)	

Master: 18−Aug−2019 12:27 Before: 14−Oct−2019 4:09 After: 14−Oct−2019 11:08

Hostile Natural Gamma Ray Sonde Wellsite Calibration		
Ratio Of Detector 1 To Detector 2		
Phase	Coincidence Count Rate Ratio	Value
Master		1.008
Before		0.9984
After		1.013
0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)
Master: 18−Aug−2019 12:27		
Before: 14−Oct−2019 4:09		
After: 14−Oct−2019 11:08		

Enhanced DTS Cartridge / Equipment Identification

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

Enhanced DTS Cartridge Wellsite Calibration		
EDTC Accelerometer Calibration		
Phase	EDTC Z−Axis Acceleration M/S2	Value
Before		9.744
9.610 (Minimum)	9.810 (Nominal)	10.01 (Maximum)
Before: 14−Oct−2019 4:18		

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		1.923	Before		134.6	Before		165.0
After		7.694	After		128.0	After		156.8
0 (Minimum)	30.00 (Nominal)	120.0 (Maximum)	122.4 (Minimum)	134.6 (Nominal)	146.9 (Maximum)	150.0 (Minimum)	165.0 (Nominal)	180.0 (Maximum)
Before: 14−Oct−2019 4:07			After: 14−Oct−2019 11:04					

Company: **International Ocean Discovery Program**

Schlumberger

Well: **Expedition 385, Site U1546C**
Field: **Guaymas Basin Techtonics and Biosphere**
Rig: **JOIDES Resolution**
Country: **Mexico**

Dipole Sonic Imager (DSI)
Formation Microresistivity Sonde (FMS)

Input DLIS Files

Input DLIS Files

DEFAULT	FMS_DSI_NGS_028LUP	FN:37	PRODUCER	14−Oct−2019 14:12	2121.4 M	1586.3 M

Output DLIS Files

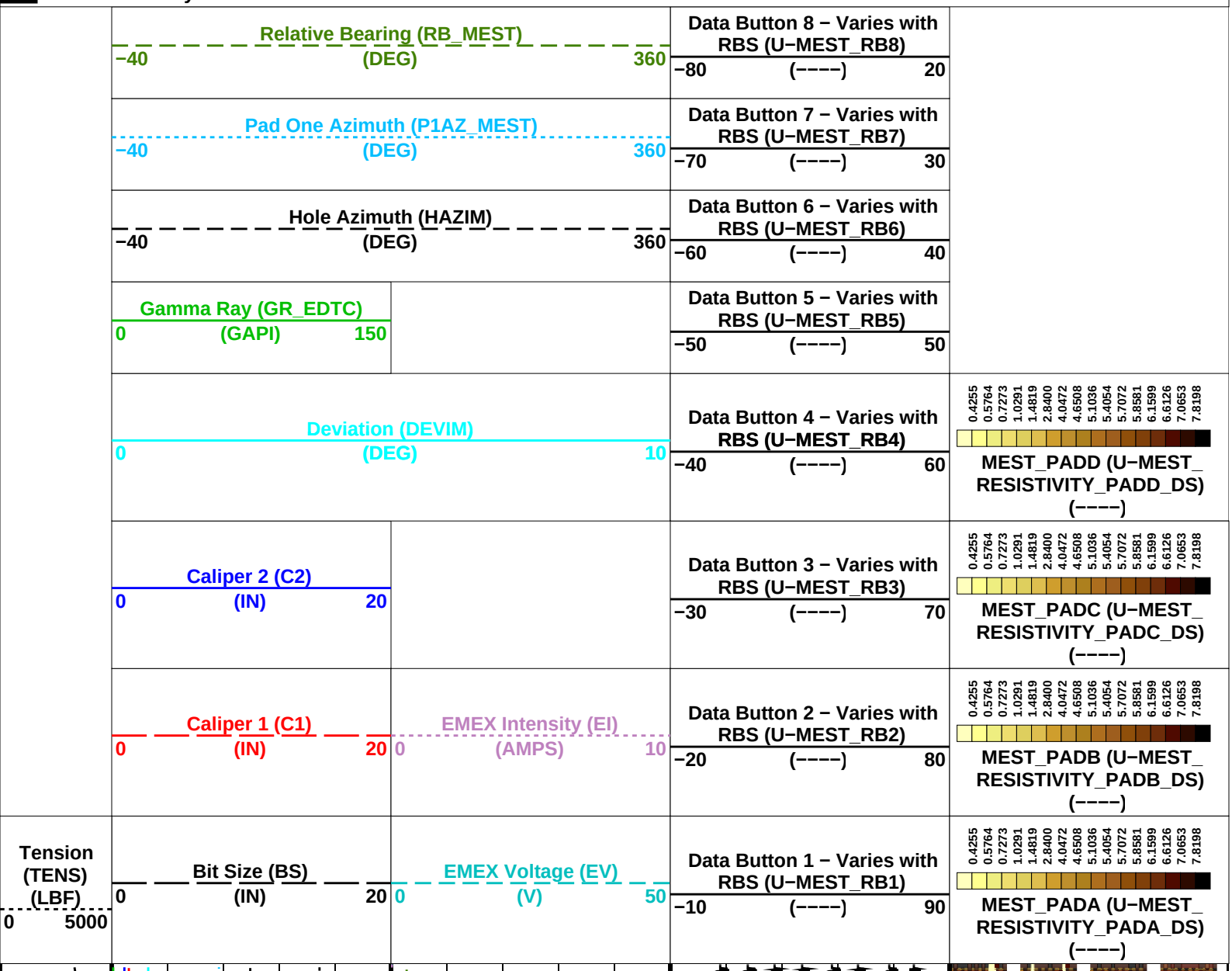
DEFAULT	FMS_DSI_NGS_043PUP	FN:52	PRODUCER	15−Oct−2019 18:09	2121.4 M	1586.3 M

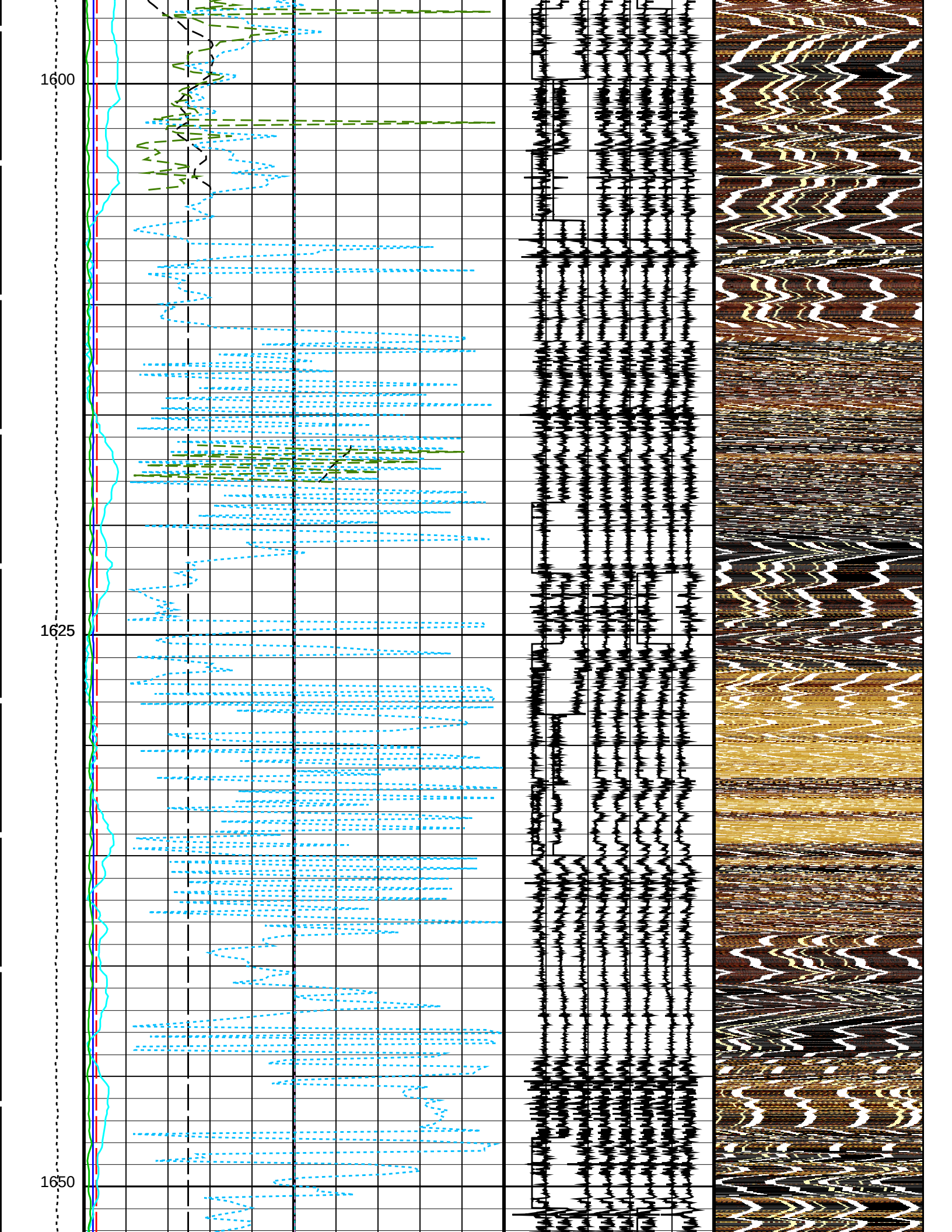
OP System Version: 19C0−187

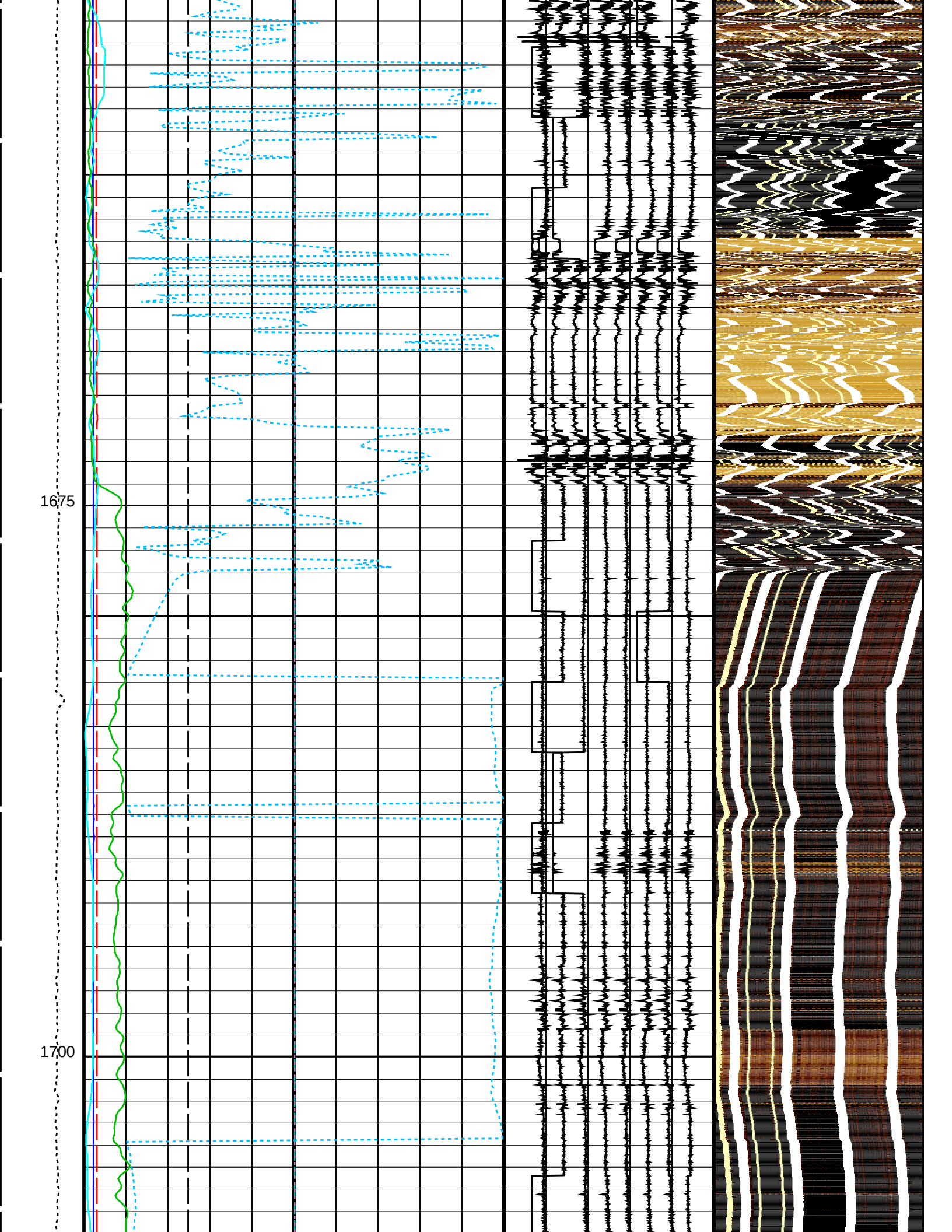
MEST−B	19C0−187	DTA−A	19C0−187
DSST−B	19C0−187	HNGC−B	19C0−187
HNGS−BA	19C0−187	EDTC−B	SKK−5169−EDTCB

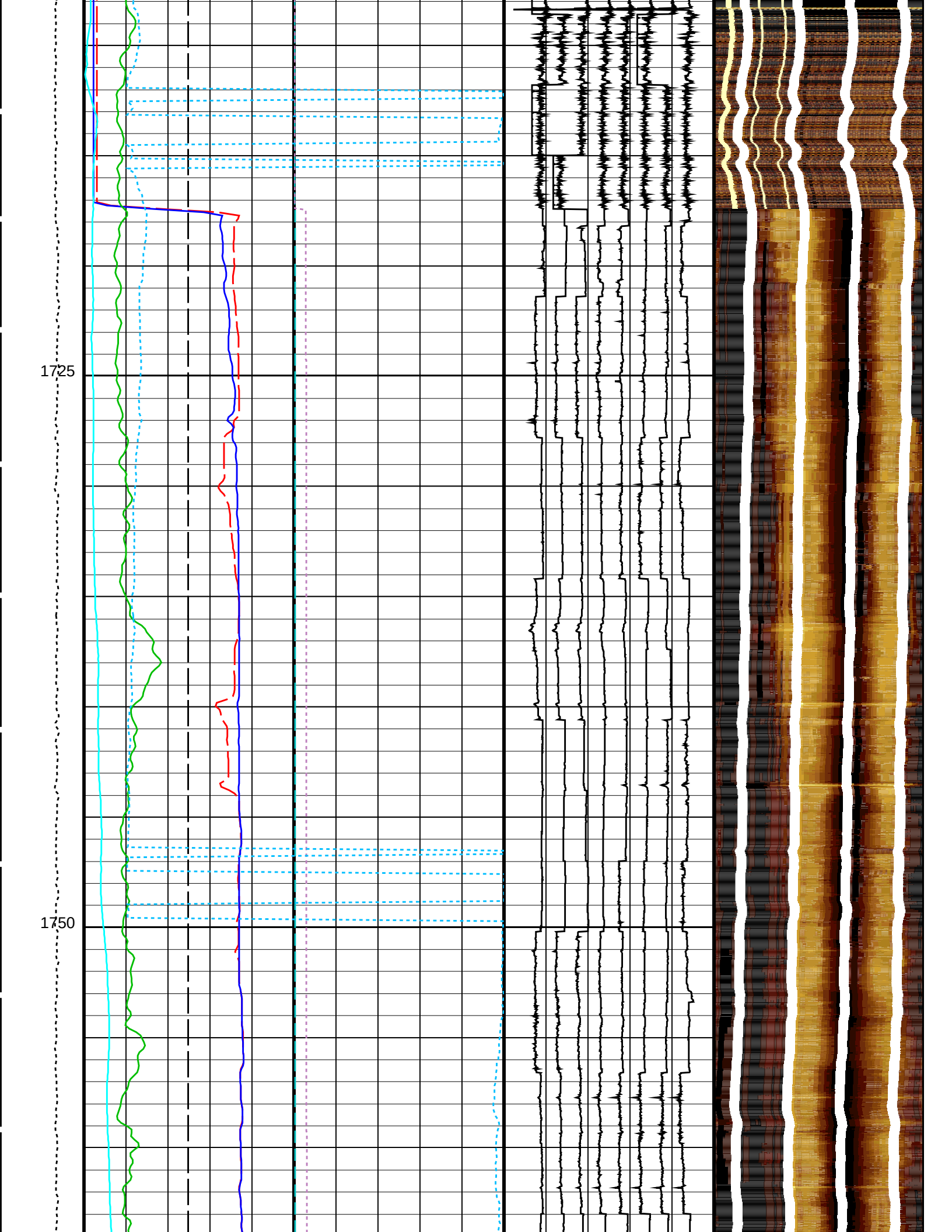
PIP SUMMARY

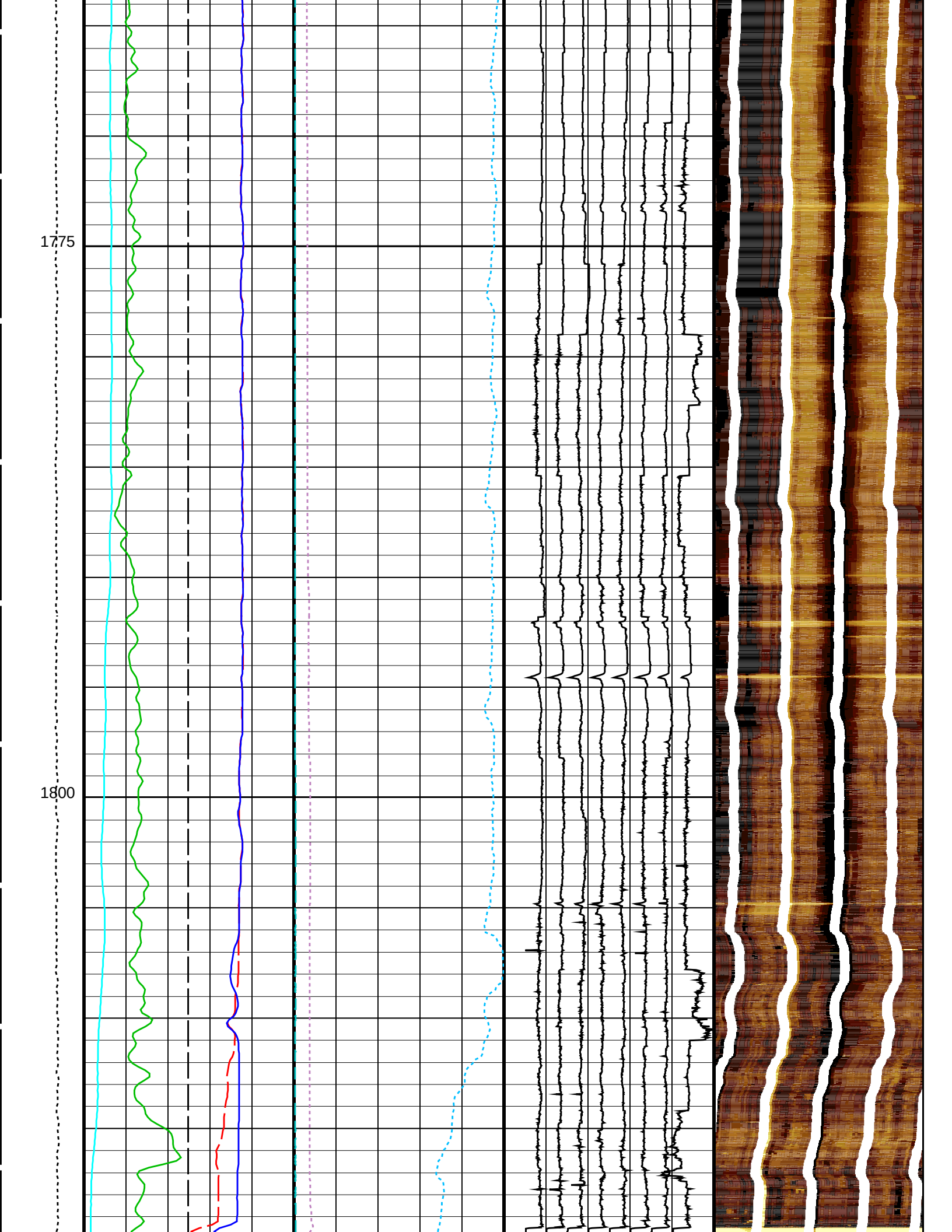
Time Mark Every 60 S

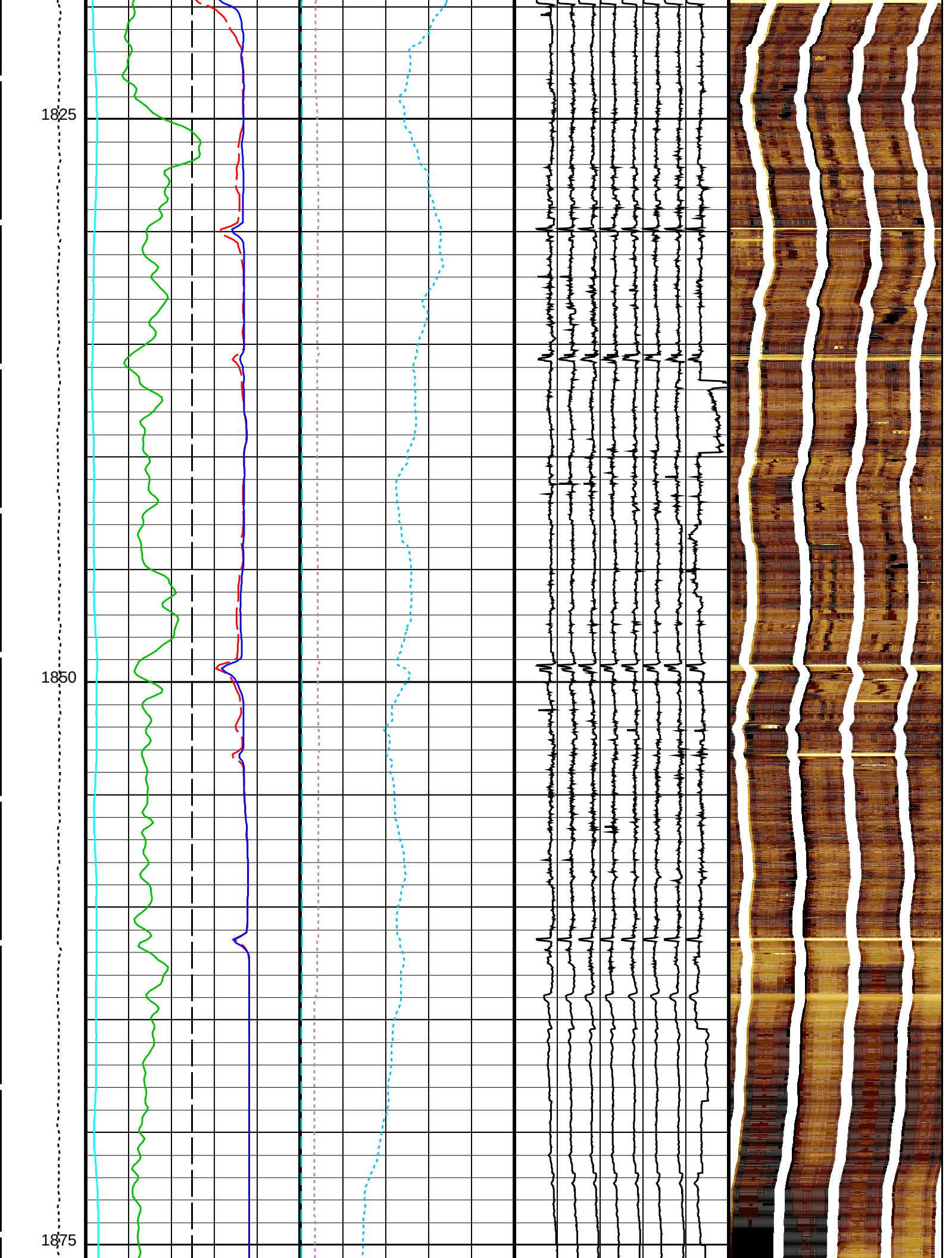


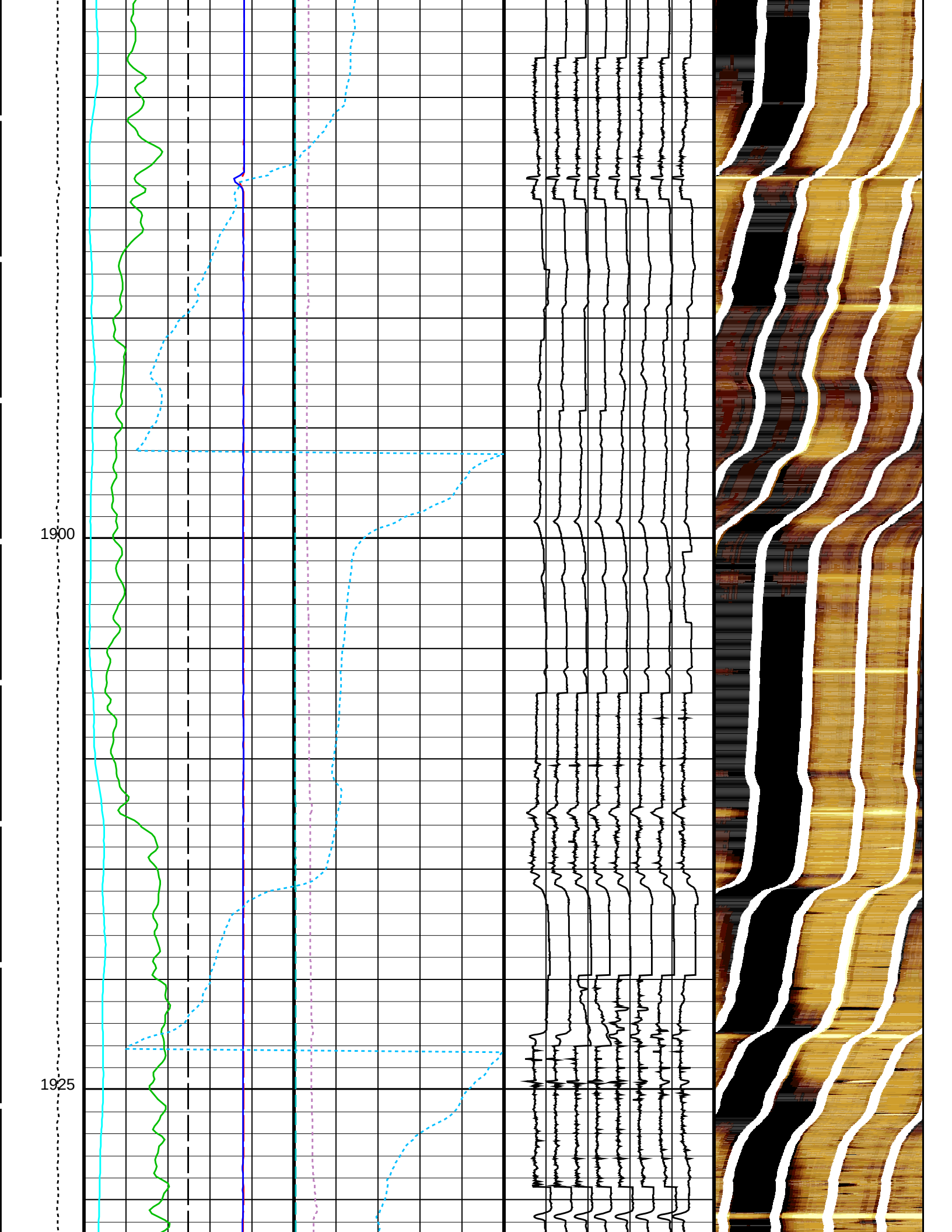

1600
1625
1650

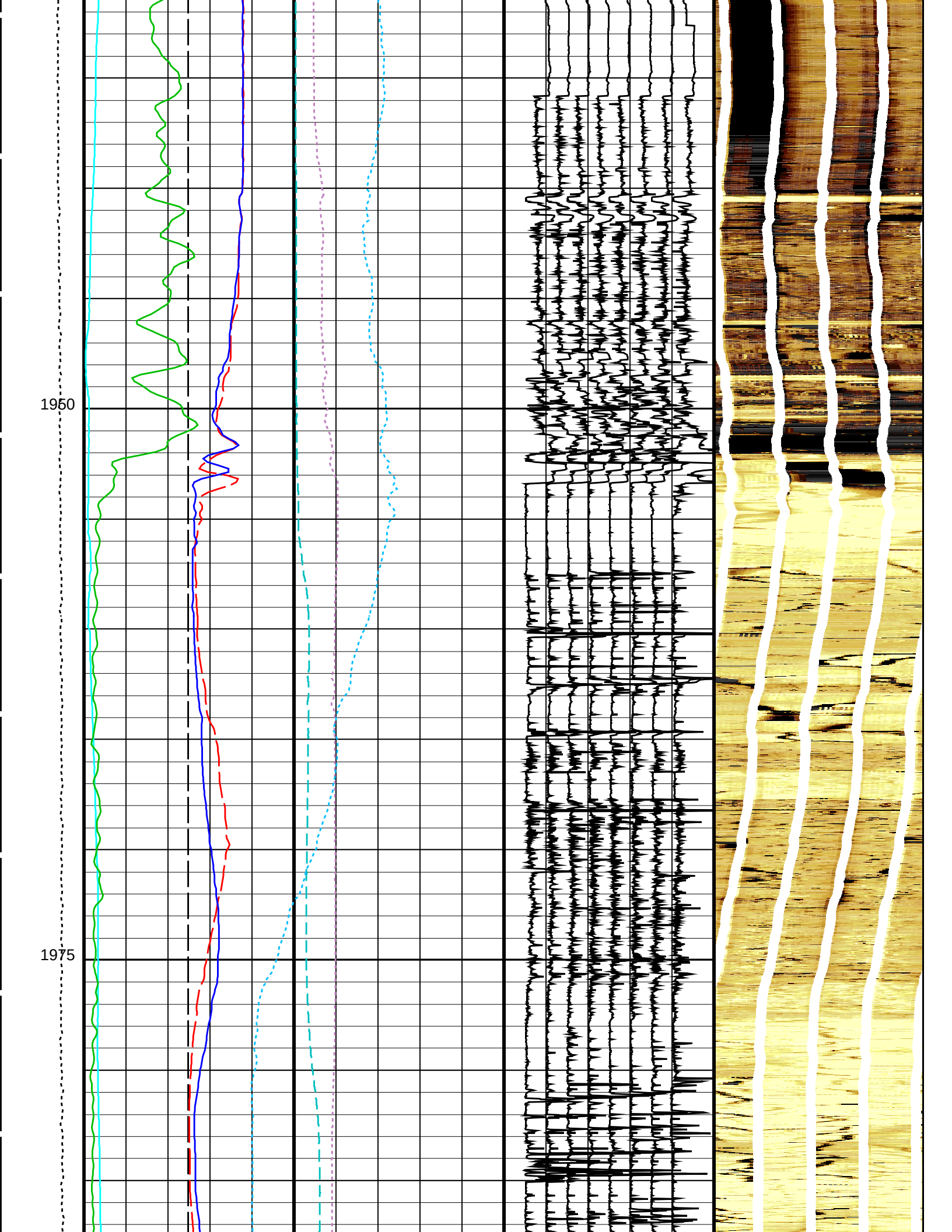

1675
1700

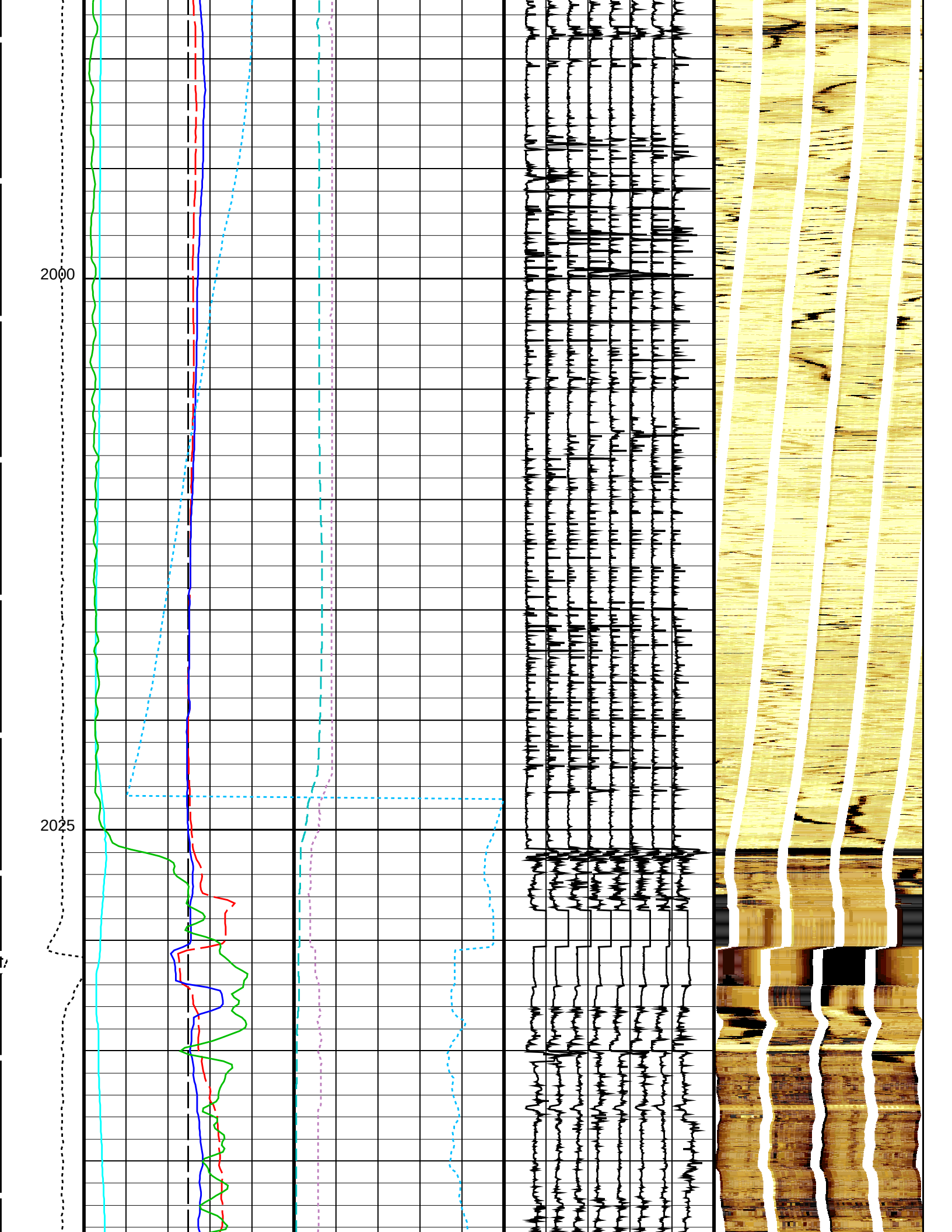

1725
1750

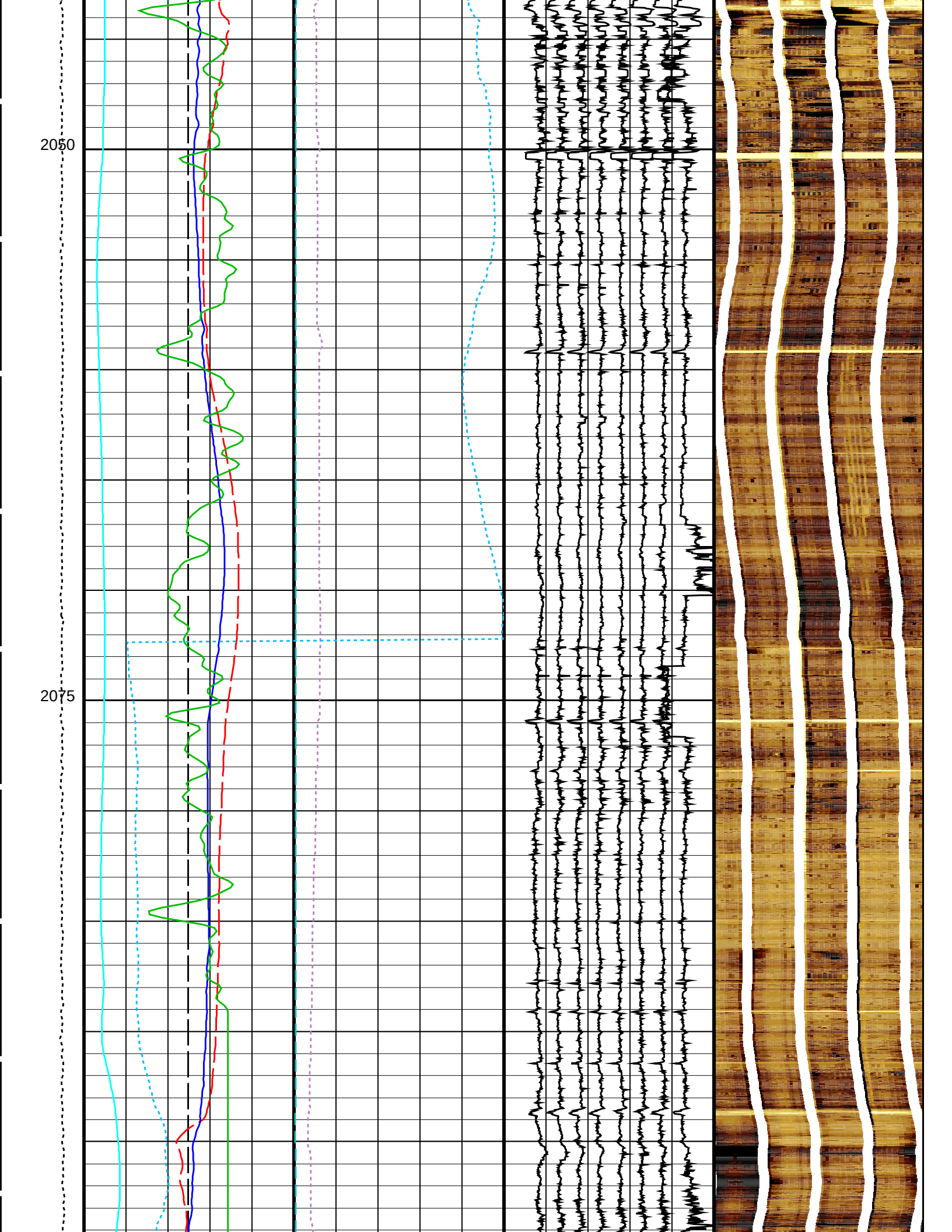

1775
1800

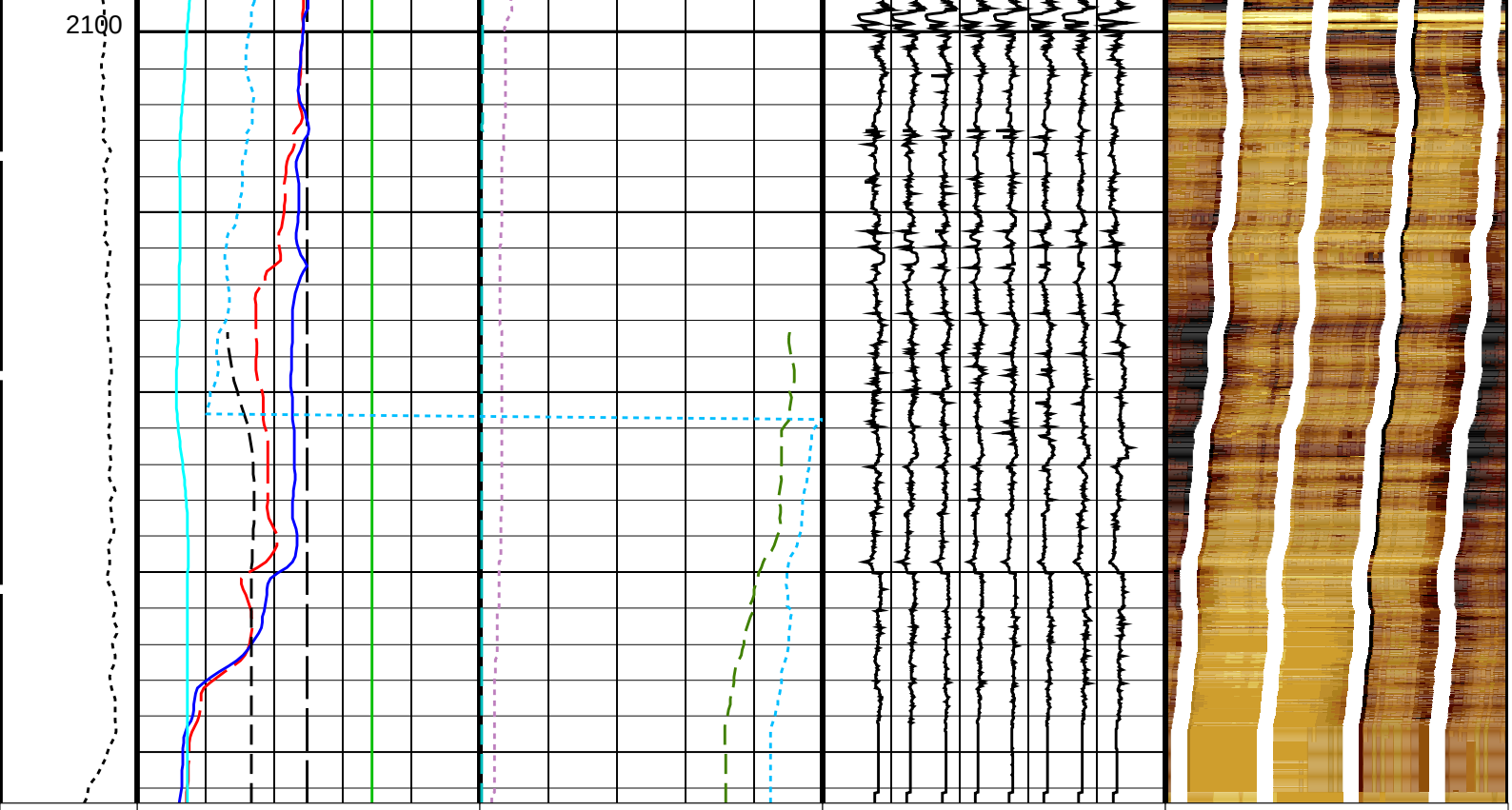

1825
1850
1875


1900
1925


1950
1975


2000
2025


2050
2075



Tension (TENS) (LBF) 0 5000	Bit Size (BS) 0 (IN) 20	EMEX Voltage (EV) 0 (V) 50	Data Button 1 − Varies with RBS (U−MEST_RB1) −10 (−−−−) 90	MEST_PADA (U−MEST_RESISTIVITY_PADA_DS) (−−−−) 0.4255 0.5764 0.7273 1.0291 1.4819 2.8400 4.0472 4.6508 5.1036 5.4054 5.7072 5.8581 6.1599 6.6126 7.0653 7.8198
	Caliper 1 (C1) 0 (IN) 20	EMEX Intensity (EI) 0 (AMPS) 10	Data Button 2 − Varies with RBS (U−MEST_RB2) −20 (−−−−) 80	MEST_PADB (U−MEST_RESISTIVITY_PADB_DS) (−−−−) 0.4255 0.5764 0.7273 1.0291 1.4819 2.8400 4.0472 4.6508 5.1036 5.4054 5.7072 5.8581 6.1599 6.6126 7.0653 7.8198
	Caliper 2 (C2) 0 (IN) 20		Data Button 3 − Varies with RBS (U−MEST_RB3) −30 (−−−−) 70	MEST_PADC (U−MEST_RESISTIVITY_PADC_DS) (−−−−) 0.4255 0.5764 0.7273 1.0291 1.4819 2.8400 4.0472 4.6508 5.1036 5.4054 5.7072 5.8581 6.1599 6.6126 7.0653 7.8198
	Deviation (DEVIM) 0 (DEG) 10		Data Button 4 − Varies with RBS (U−MEST_RB4) −40 (−−−−) 60	MEST_PADD (U−MEST_RESISTIVITY_PADD_DS) (−−−−) 0.4255 0.5764 0.7273 1.0291 1.4819 2.8400 4.0472 4.6508 5.1036 5.4054 5.7072 5.8581 6.1599 6.6126 7.0653 7.8198
	Gamma Ray (GR_EDTC) 0 (GAPI) 150		Data Button 5 − Varies with RBS (U−MEST_RB5) −50 (−−−−) 50	
	Hole Azimuth (HAZIM) −40 (DEG) 360		Data Button 6 − Varies with RBS (U−MEST_RB6) −60 (−−−−) 40	
	Pad One Azimuth (P1AZ_MEST) −40 (DEG) 360		Data Button 7 − Varies with RBS (U−MEST_RB7) −70 (−−−−) 30	
	Relative Bearing (RB_MEST) −40 (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	9.08783	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	9.875	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: 15−Oct−2019 18:10

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_028LUP	FN:37	PRODUCER	14−Oct−2019 14:12	2121.4 M	1586.3 M

Output DLIS Files

DEFAULT	FMS_DSI_NGS_043PUP	FN:52	PRODUCER	15−Oct−2019 18:09