



Well: **Expedition 396, Site U1568A**
Field: **Mid-Norwegian Cont. Margin Magmatism**
Rig: **JOIDES Resolution** Country: **Iceland**

Rig:	JOIDES Resolution	Dipole Sonic Imager (DSI) Formation Micro-Scanner(FMS)			
Field:	Mid-Norwegian Cont. Margin Ma				
Location:	Latitude: N 65.3599	LOCATION	Latitude: N 65.3599 Longitude: E 3.051818		Elev.: K.B. 0.00 m G.L. -1715.60 m D.F. 0.00 m
Well:	Expedition 396, Site U1568A		Permanent Datum: <u>Sea Floor</u> Log Measured From: <u>Rig Floor</u> Drilling Measured From: <u>Rig Floor</u>		Elev.: <u>1715.60 m</u> -1715.60 m above Perm. Datum
Company:	International Ocean Discovery Pr	Ocean: Atlantic	Max. Well Deviation 5 deg	Longitude E 3.051818	Latitude N 65.3599

Logging Date			25–Aug–2021					
Run Number			3					
Depth Driller			1915.6 m					
Schlumberger Depth			1900 m					
Bottom Log Interval			1900 m					
Top Log Interval			1713.5 m					
Casing Driller Size @ Depth			5.500 in @ 1798 m			@		
Casing Schlumberger			1798 m					
Bit Size			11.438 in					
Type Fluid In Hole			Sepeolite WBM					
MUD	Density	Viscosity	1.26 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	0.369 @ 5	@ 5	@	@		@	
Maximum Recorded Temperatures		5 degC						
Circulation Stopped		Time	25–Aug–2021		1:00			
Logger On Bottom		Time	25–Aug–2021		13:30			
Unit Number	Location	627314 Larose, LA						
Recorded By		C. Furman						
Witnessed By		S. Midgley						

[illegible]

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

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.

OS1:	HNGS
OS2:	HLDS
OS3:	HRLA
OS4:	MSS

Hole drilled with APC/XCB bottom hole assembly (BHA) at 11.4375" BS

Drill pipe set at 1797mbrf (80mbsf) for logging.

Fluid type was weighted mud, displaced in the hole prior to logging.

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).

Caliper opened during upward passes; closed inside pipe and while logging down.

Hole size corrections made using caliper measurements for upward passes bit size

used for downlog corrections.

AHC off and caliper closed at 1835mbrf.

DSI run with UD=Std. Freq., LD=Low Freq., and monopole in Std. Freq.

Downlog flipped and note the caliper closed logging down.

STOP

RUN 2

GSR-U 6098
WITM (DTS)-A

LEH-QT
LEH-QT 301



34.81

AH-369



33.92

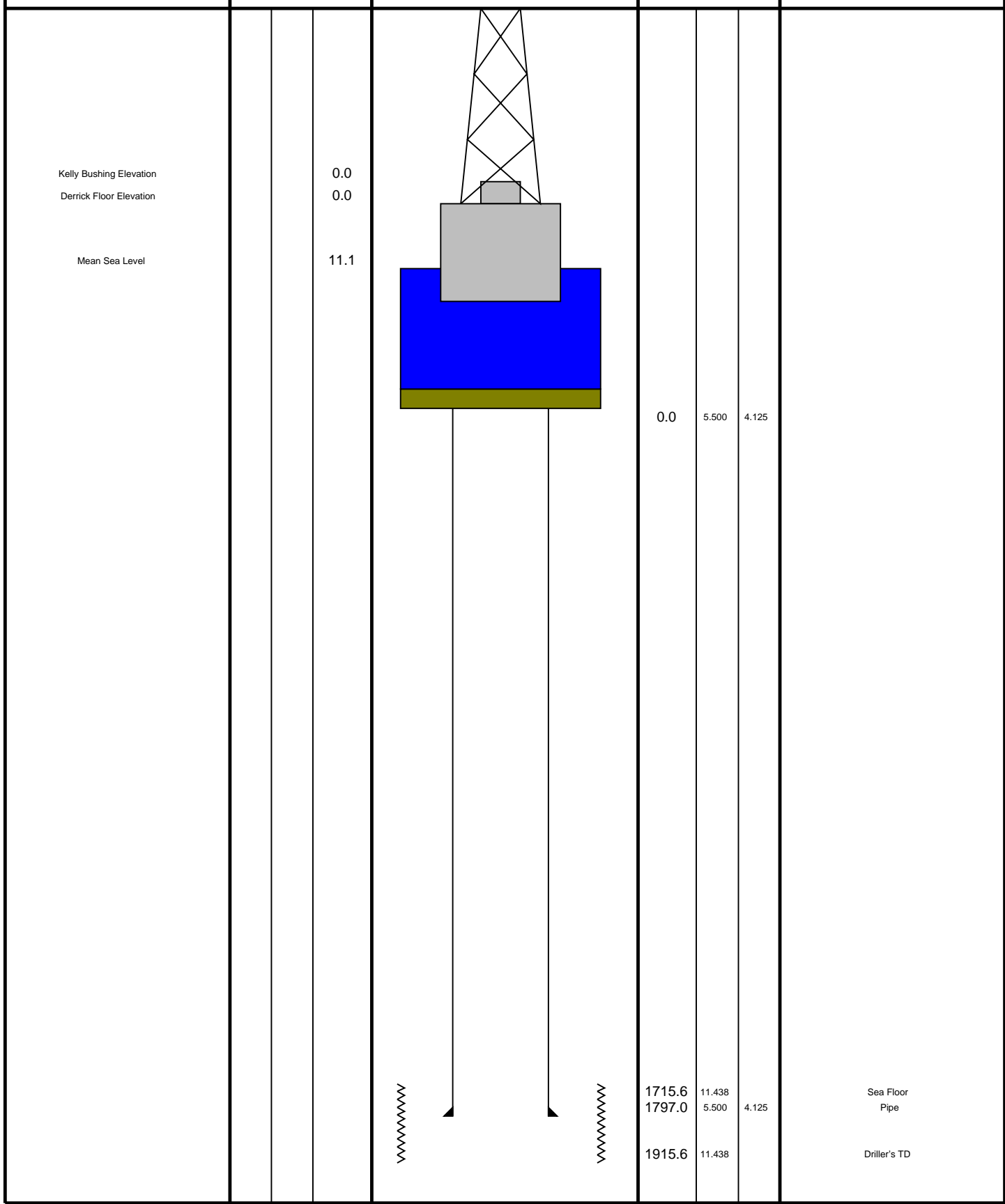
DTC-H

CTEM
TelStatus
ToolStatu

33.21

32 57

ECH-KC 9842





Downlog

MAXIS Field Log

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_030LUP	PRODUCER	25-Aug-2021 18:53	1900.9 M	1673.4 M
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Output DLIS Files

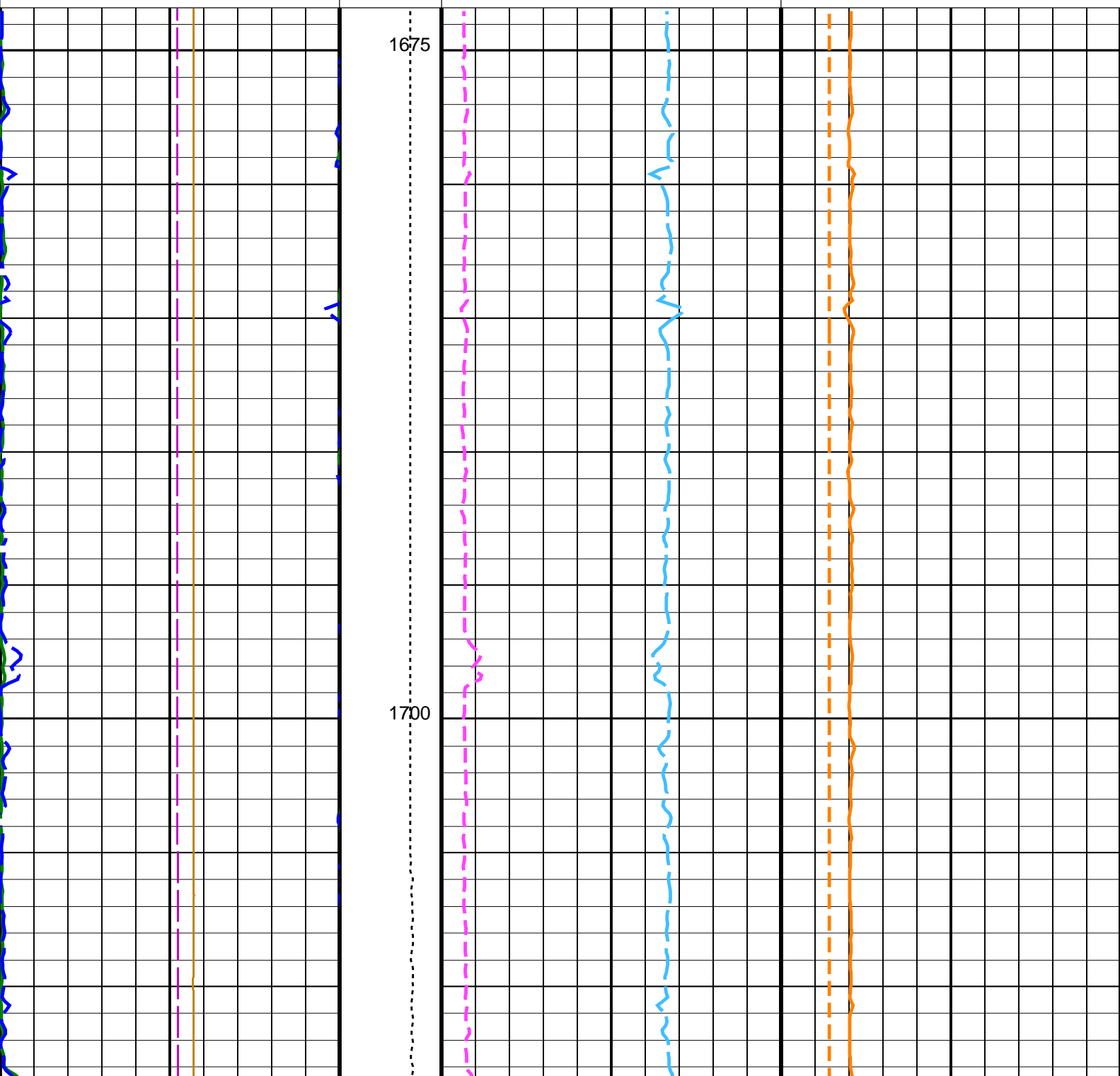
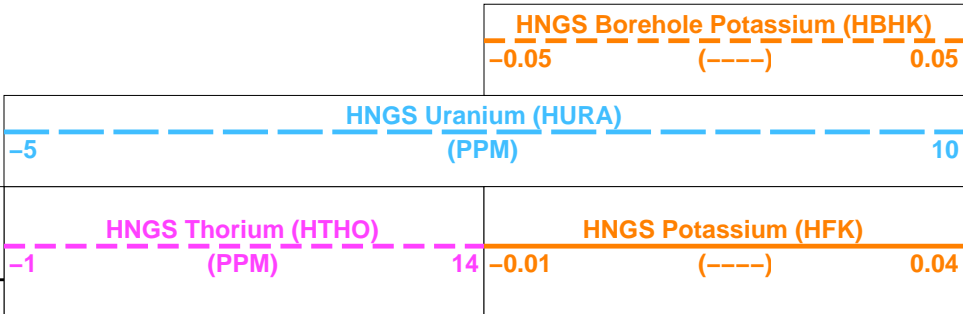
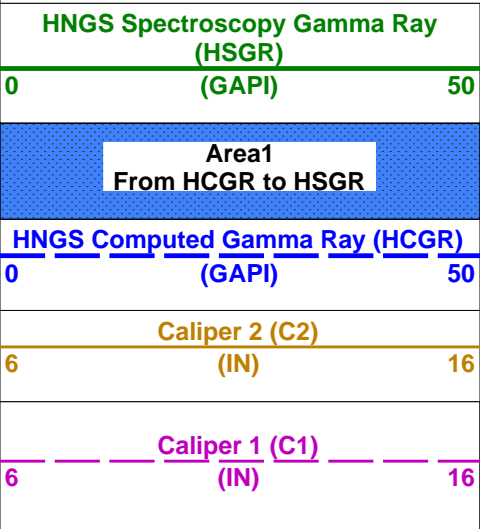
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RTB	FMS_DSI_NGS_033PUP	FN:41	PRODUCER	25-Aug-2021 18:56	1900.9 M	1673.4 M

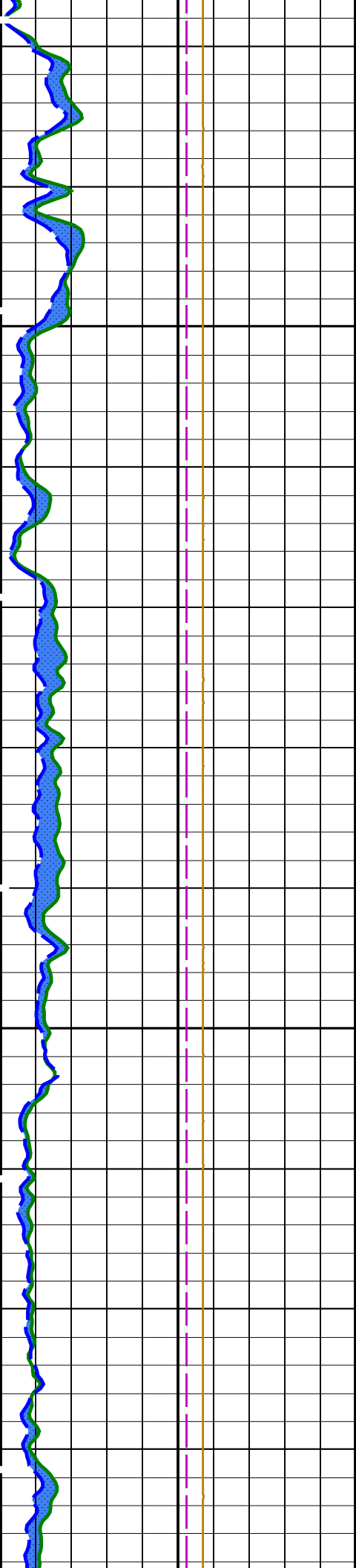
OP System Version: 19C0-187

MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

PIP SUMMARY

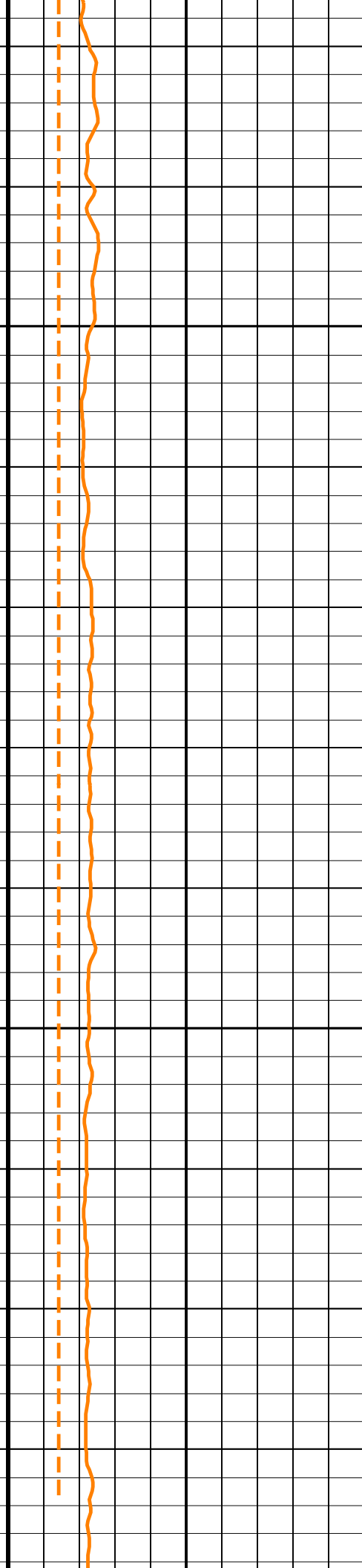
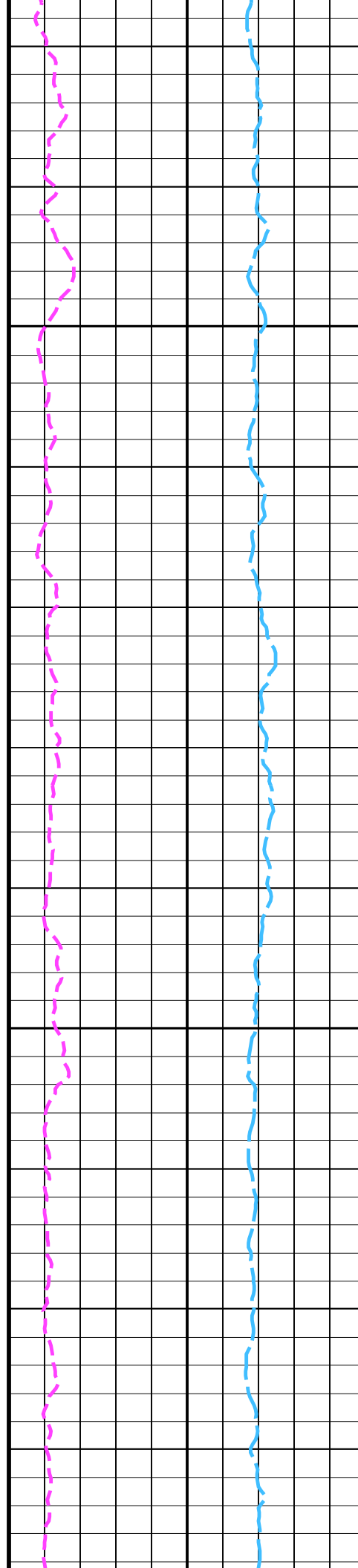
Time Mark Every 60 S

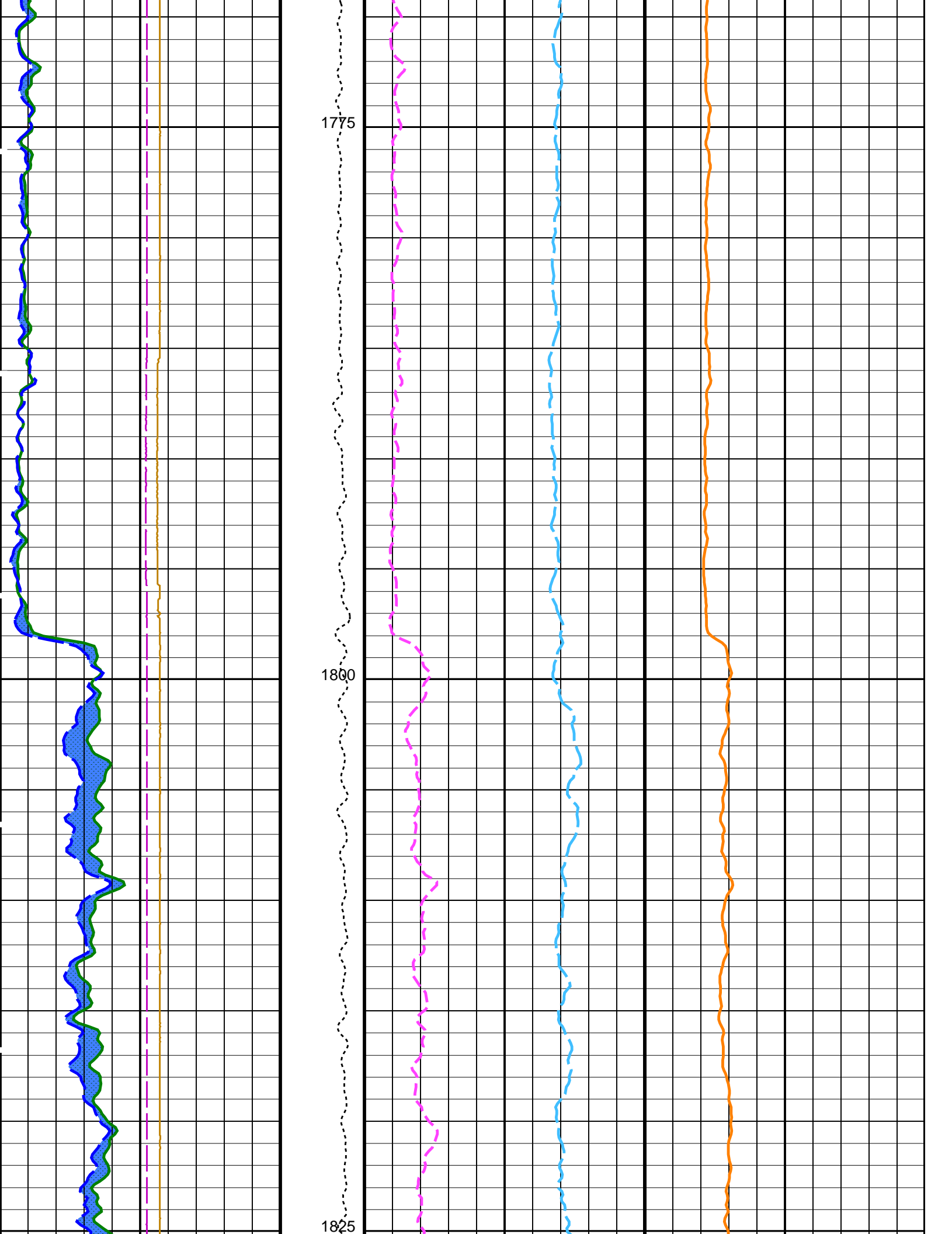


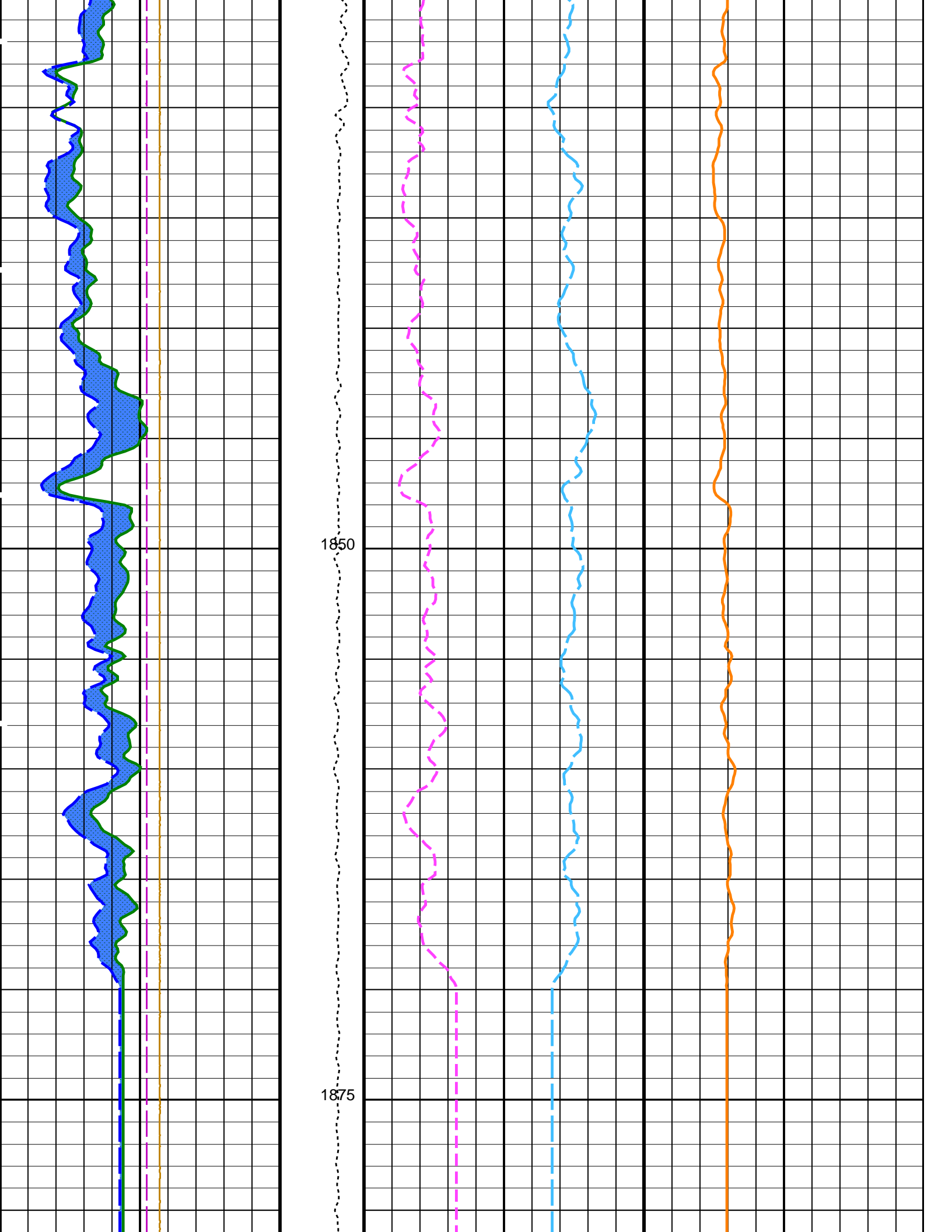


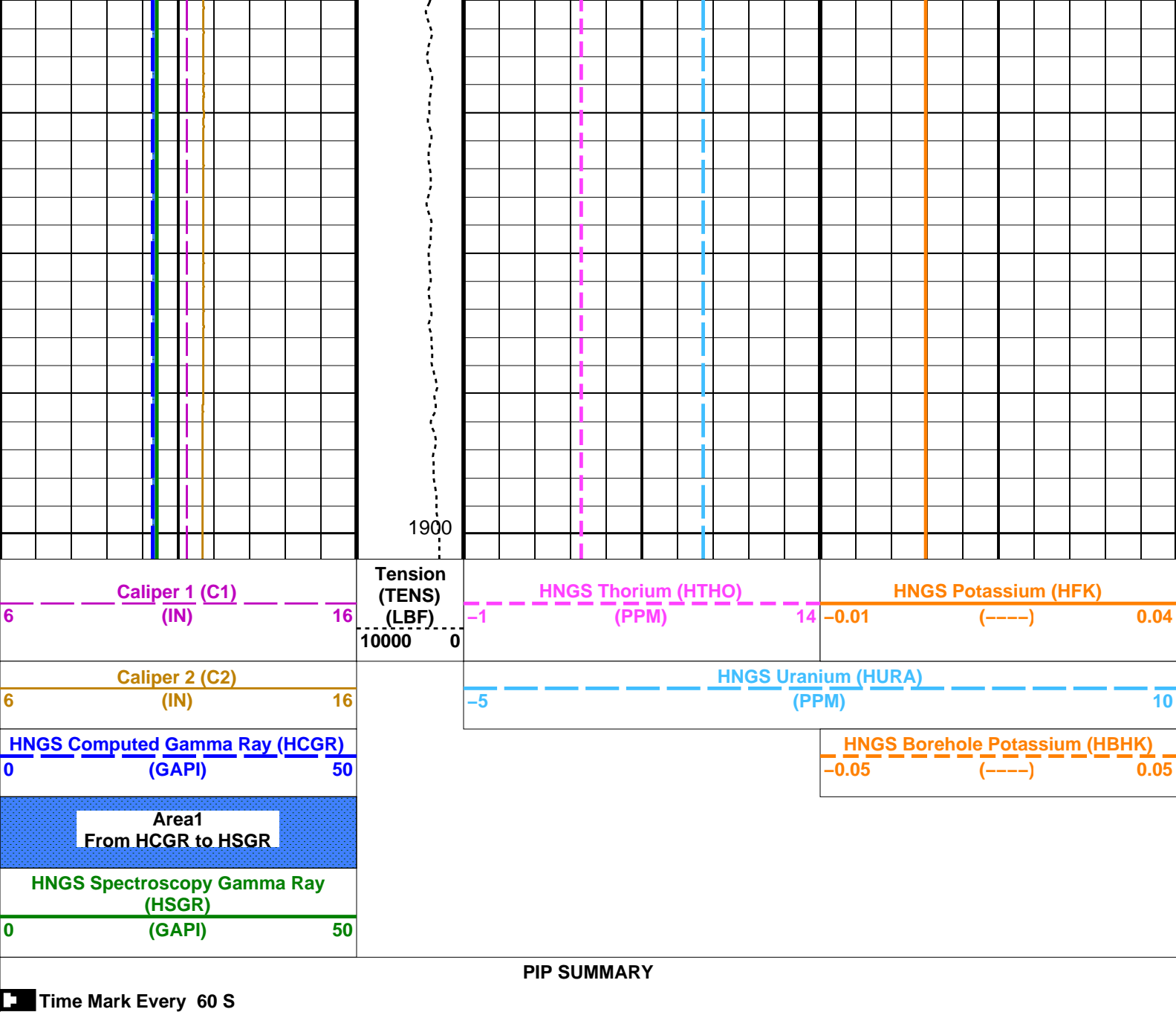
1725

1750









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	-0.0268539
HALF	HNGS Alpha Filter Length	60 IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE
HMWM	Mud Weighting Material	NATU
HNPE	HNGS Processing Enable	YES
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3 CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3 CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES

IPOS	Tool Position	CENT
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.946537
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.95143
System and Miscellaneous		
BS	Bit Size	11.438 IN
DFD	Drilling Fluid Density	1.26 G/C3
DO	Depth Offset for Playback	0.0 M
PP	Playback Processing	RECOMPUTE

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 25-Aug-2021 18:56

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	DTC-H	19C0-187

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_030LUP	PRODUCER	25-Aug-2021 18:53	1900.9 M	1673.4 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_033PUP	FN:40	PRODUCER	25-Aug-2021 18:56
RTB	FMS_DSI_NGS_033PUP	FN:41	PRODUCER	25-Aug-2021 18:56

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_030LUP	PRODUCER	25-Aug-2021 18:53	1900.9 M	1673.4 M
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Output DLIS Files

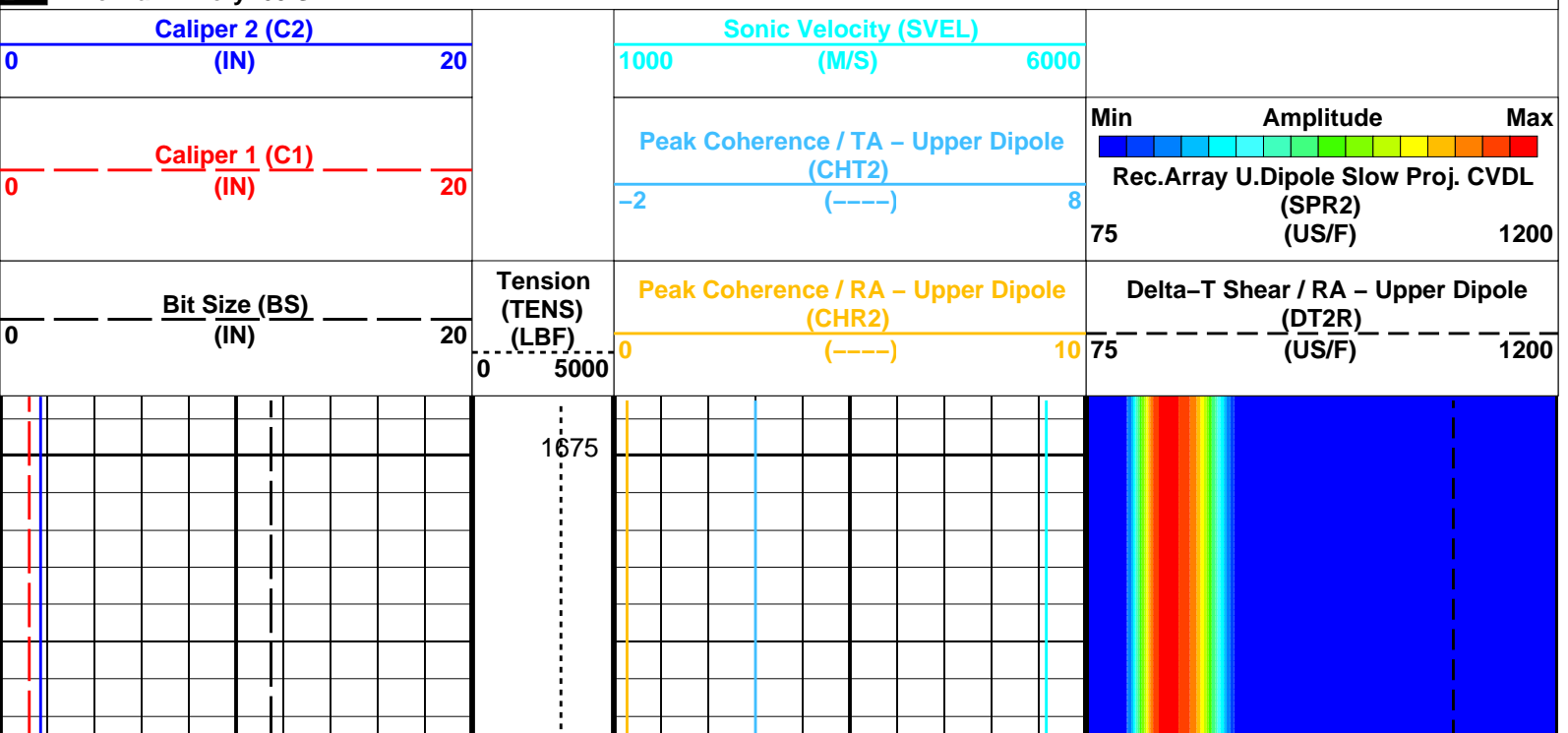
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RTB	FMS_DSI_NGS_033PUP	FN:41	PRODUCER	25-Aug-2021 18:56	1900.9 M	1673.4 M

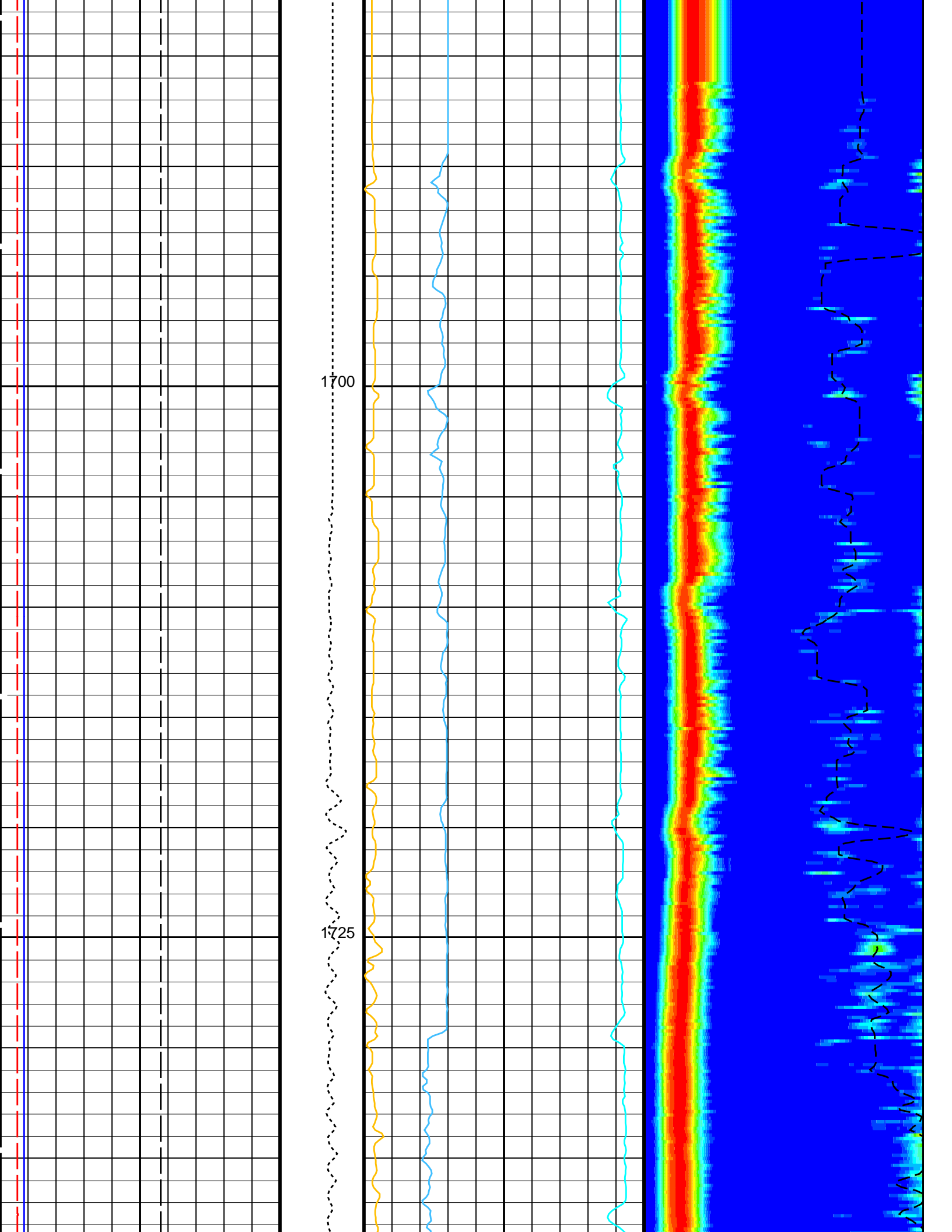
OP System Version: 19C0-187

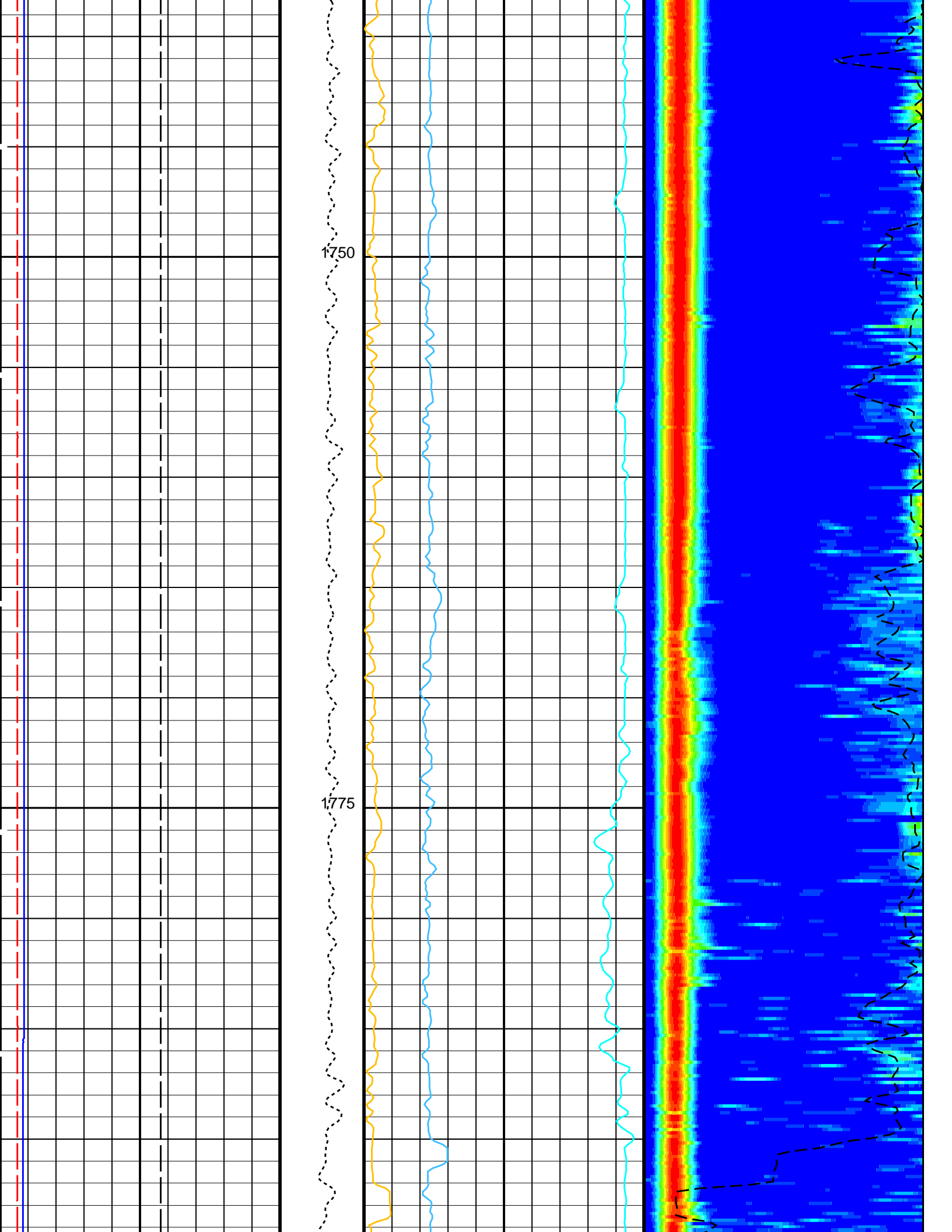
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

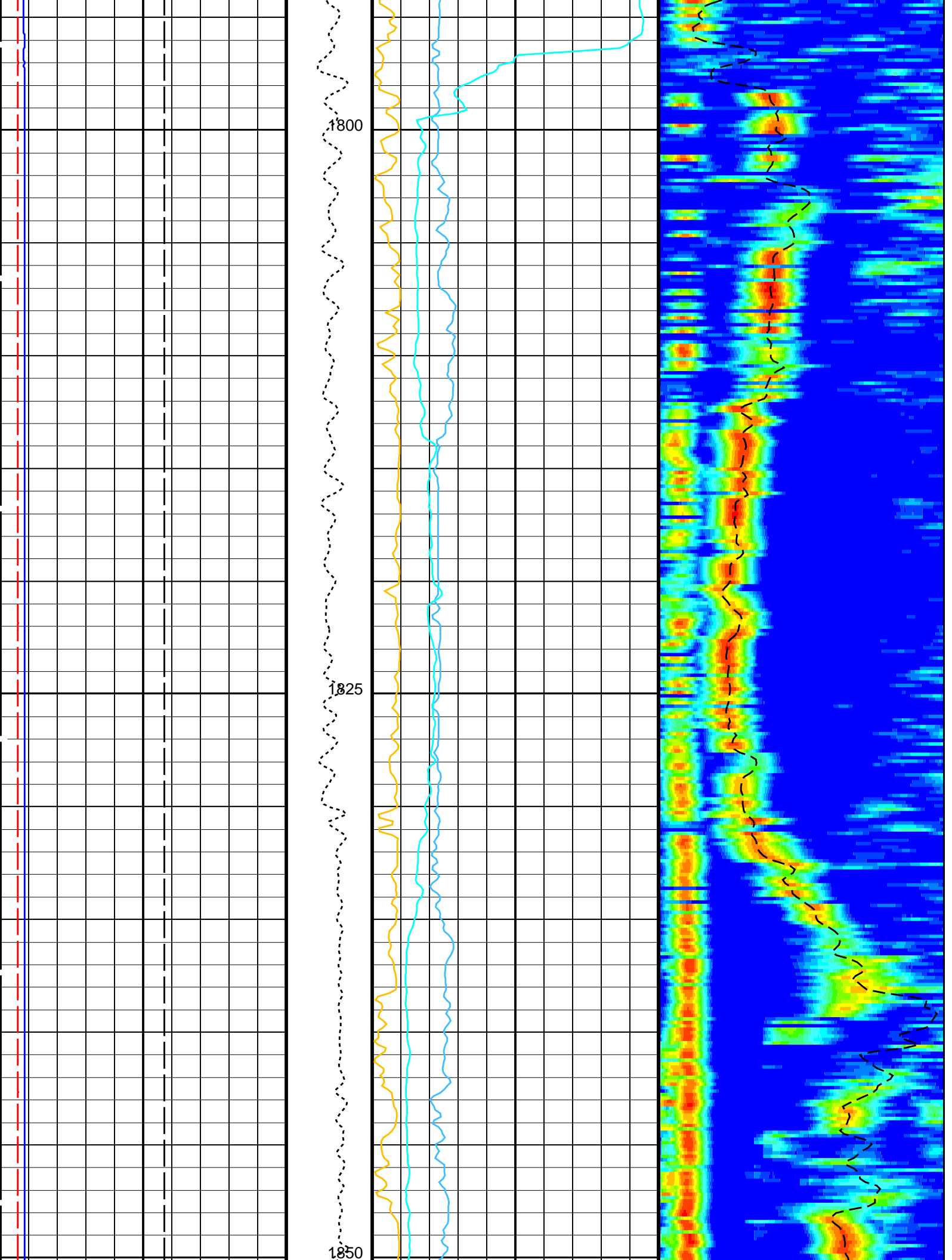
PIP SUMMARY

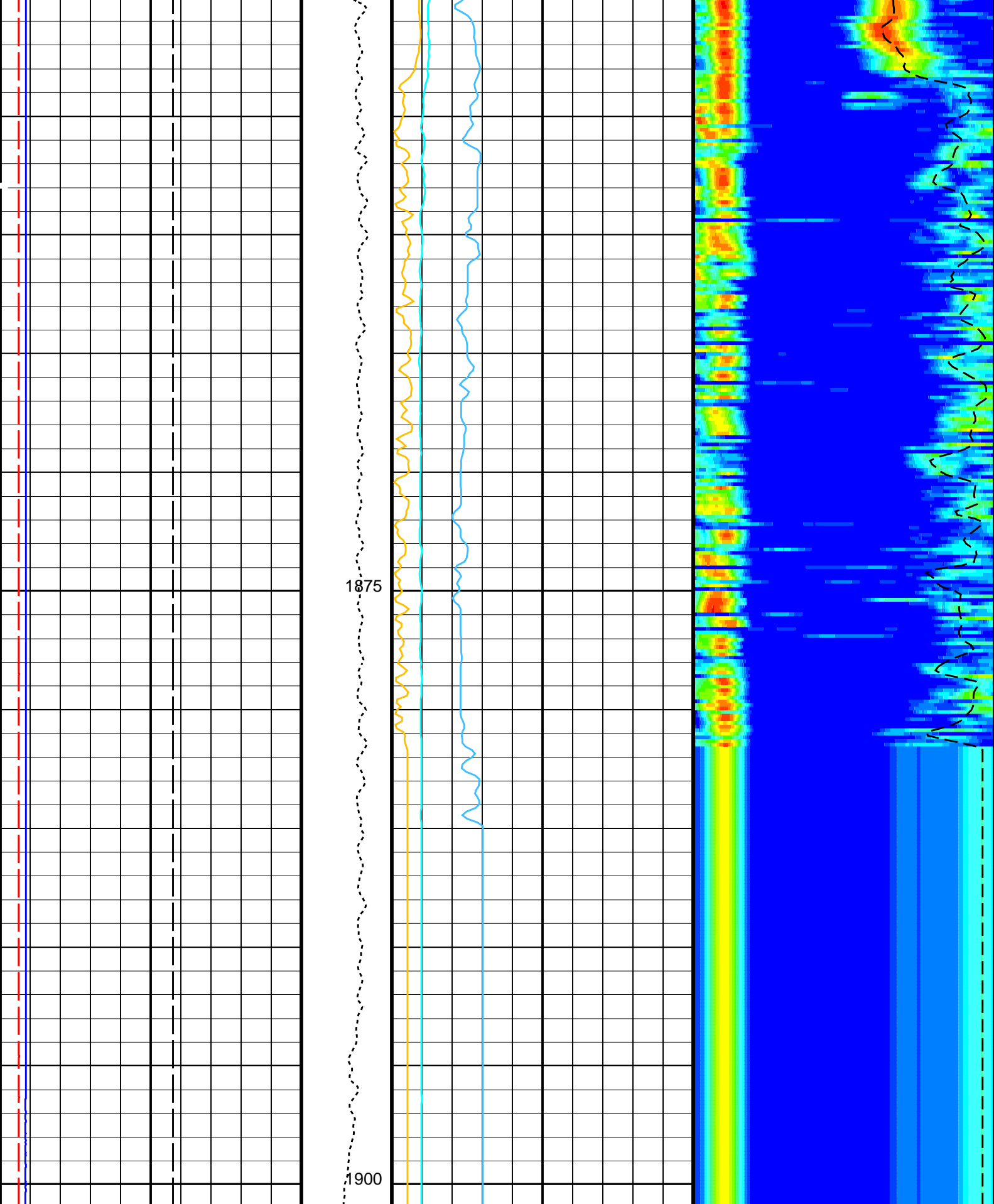
Time Mark Every 60 S











0	Bit Size (BS) (IN)	20	0	Tension (TENS) (LBF)	5000	0	Peak Coherence / RA - Upper Dipole (CHR2) (-----)	10	75	Delta-T Shear / RA - Upper Dipole (DT2R) (US/F)	1200
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0	Caliper 1 (C1) (IN)	20	-2	(CHT2) (----	8	75	Rec.Array U.Dipole Slow Proj. CVDL (SPR2) (US/F)	1200
0	Caliper 2 (C2) (IN)	20	1000	Sonic Velocity (SVEL) (M/S)	6000			

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	200	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	B1–2K	
SLL2	STC Slowness Lower Limit – Upper Dipole	40	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	1400	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	20440	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	11.438	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: 25-Aug-2021 18:56
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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	DTC–H	19C0–187

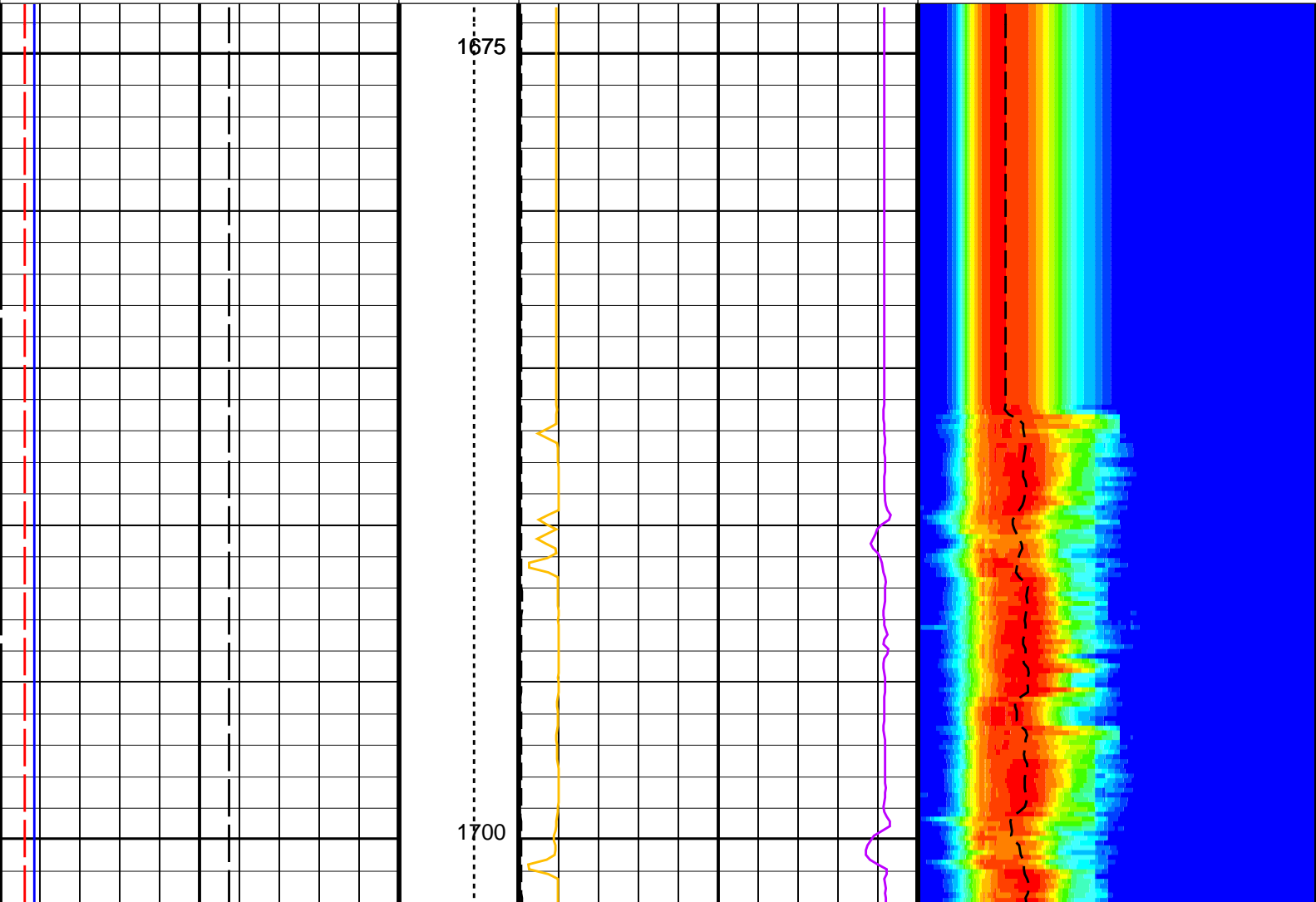
Input DLIS Files						
DEFAULT	Flip_FMS_DSI_NGS_030LUP	PRODUCER	25-Aug-2021 18:53	1900.9 M	1673.4 M	
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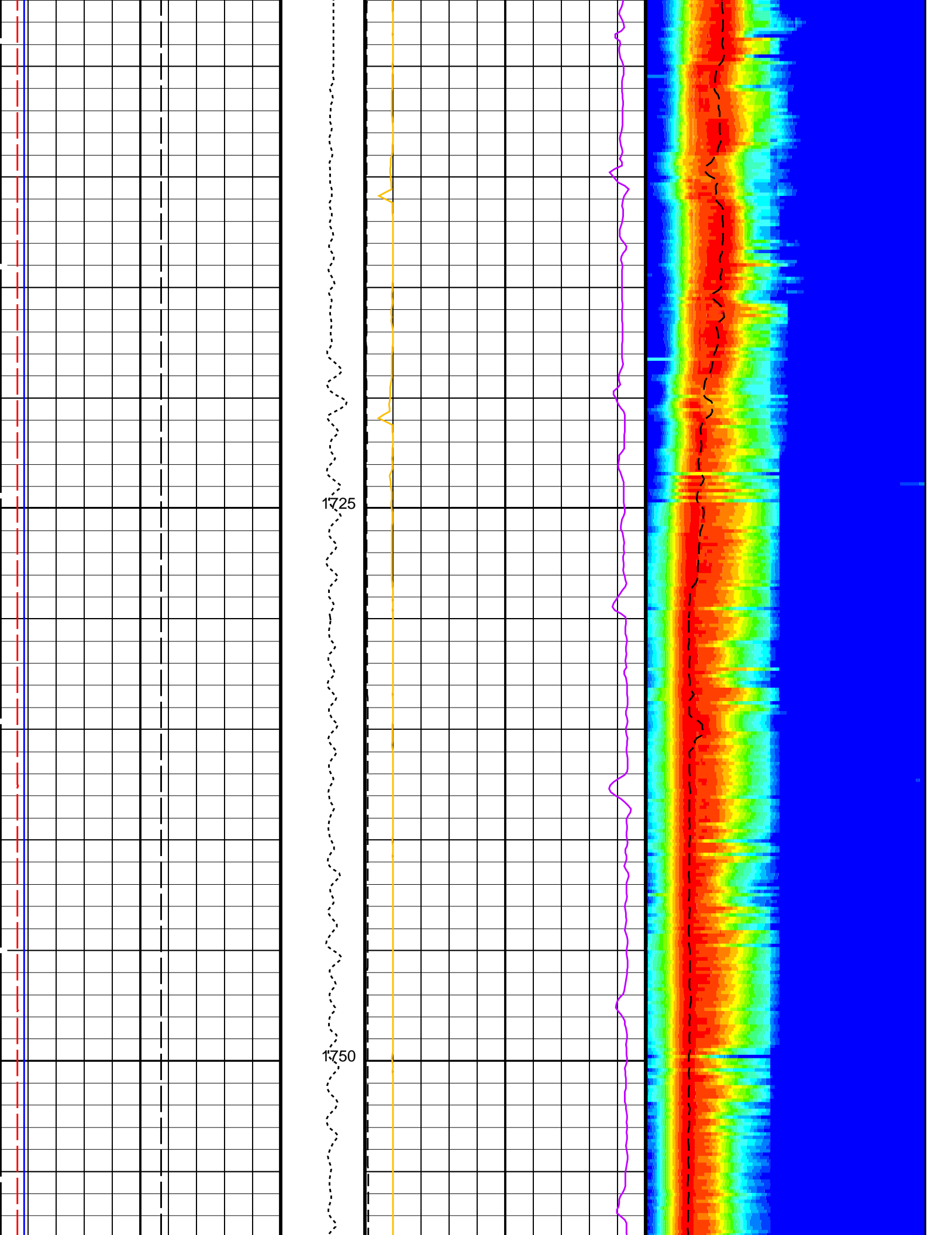
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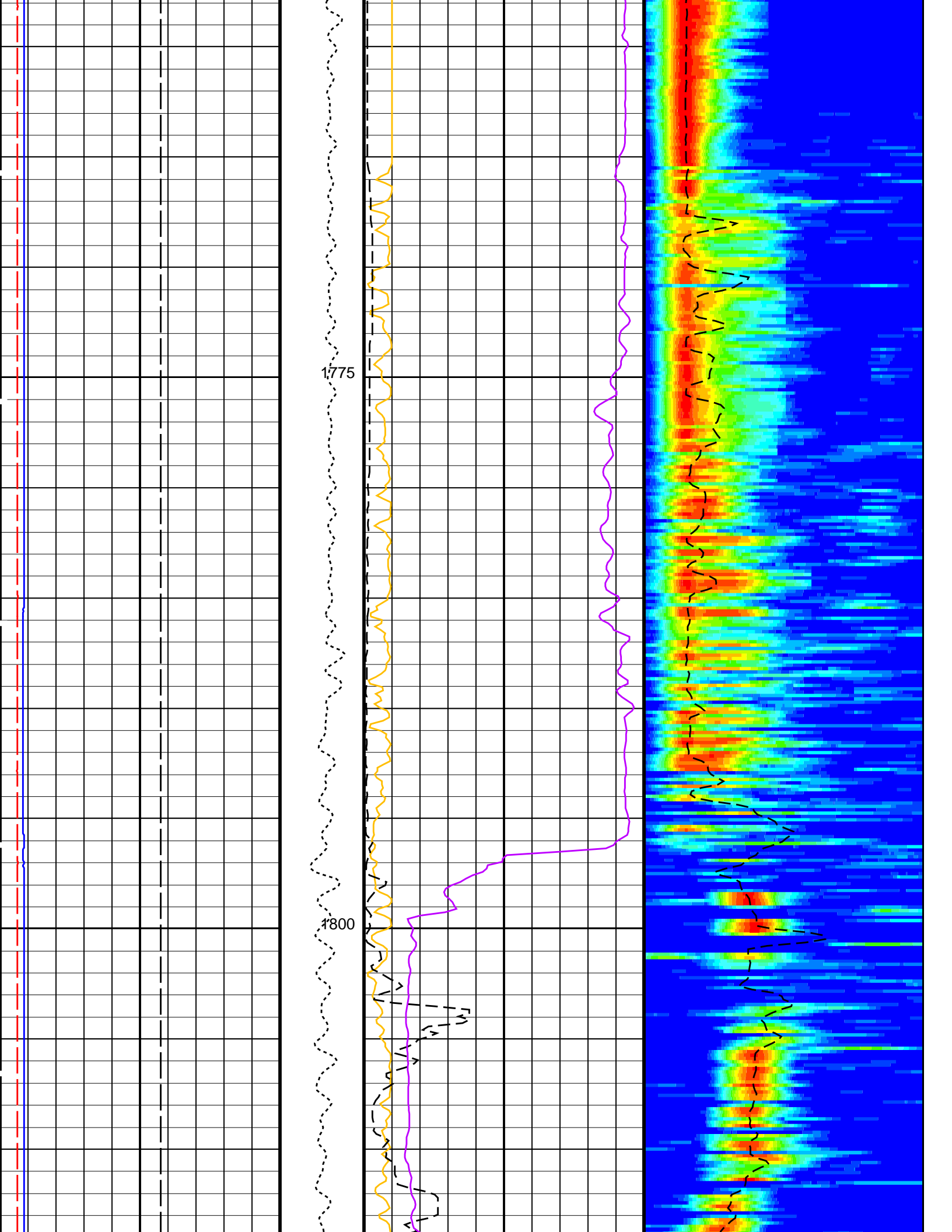
OP System Version: 19C0-187						
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HNGS-BA	19C0-187	DTC-H	19C0-187			

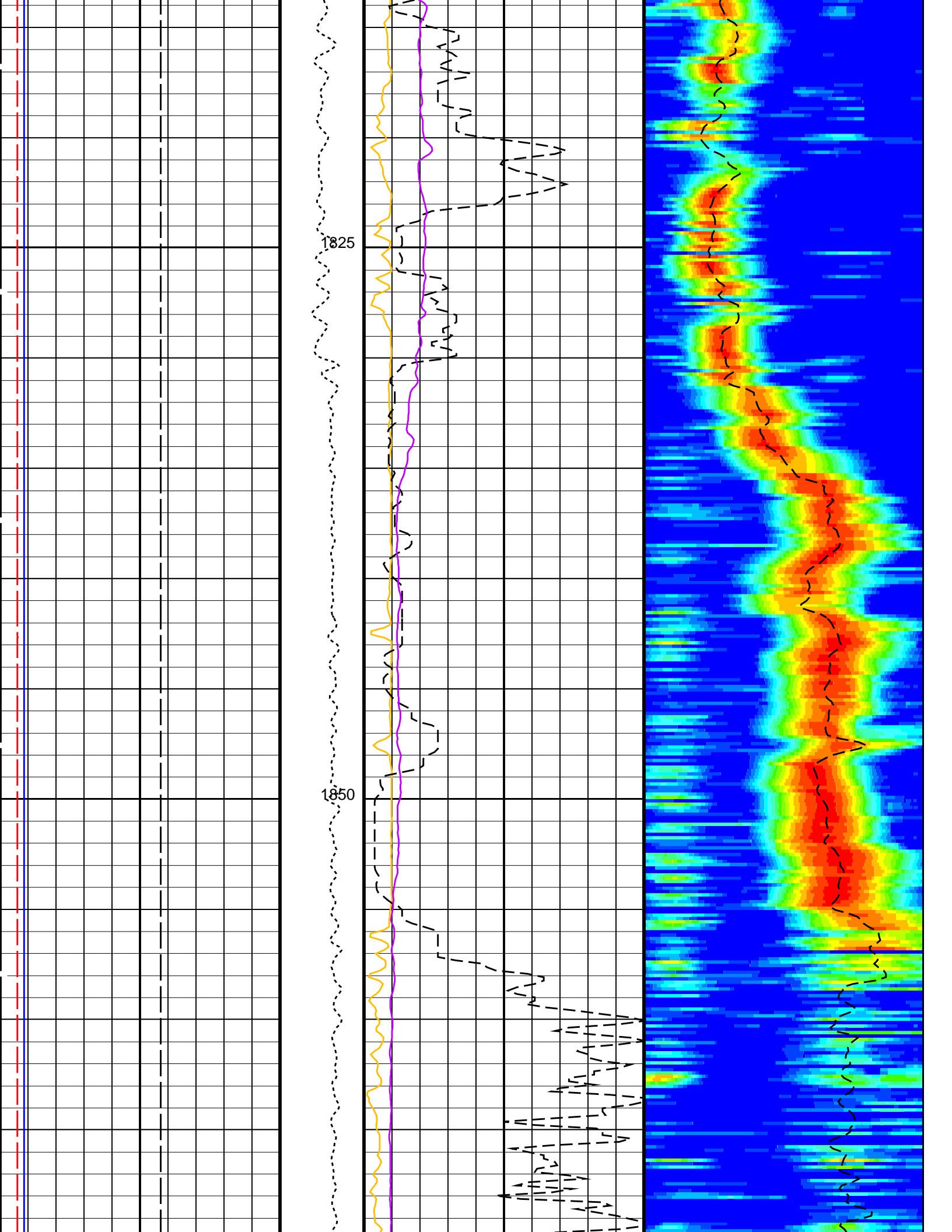
PIP SUMMARY						
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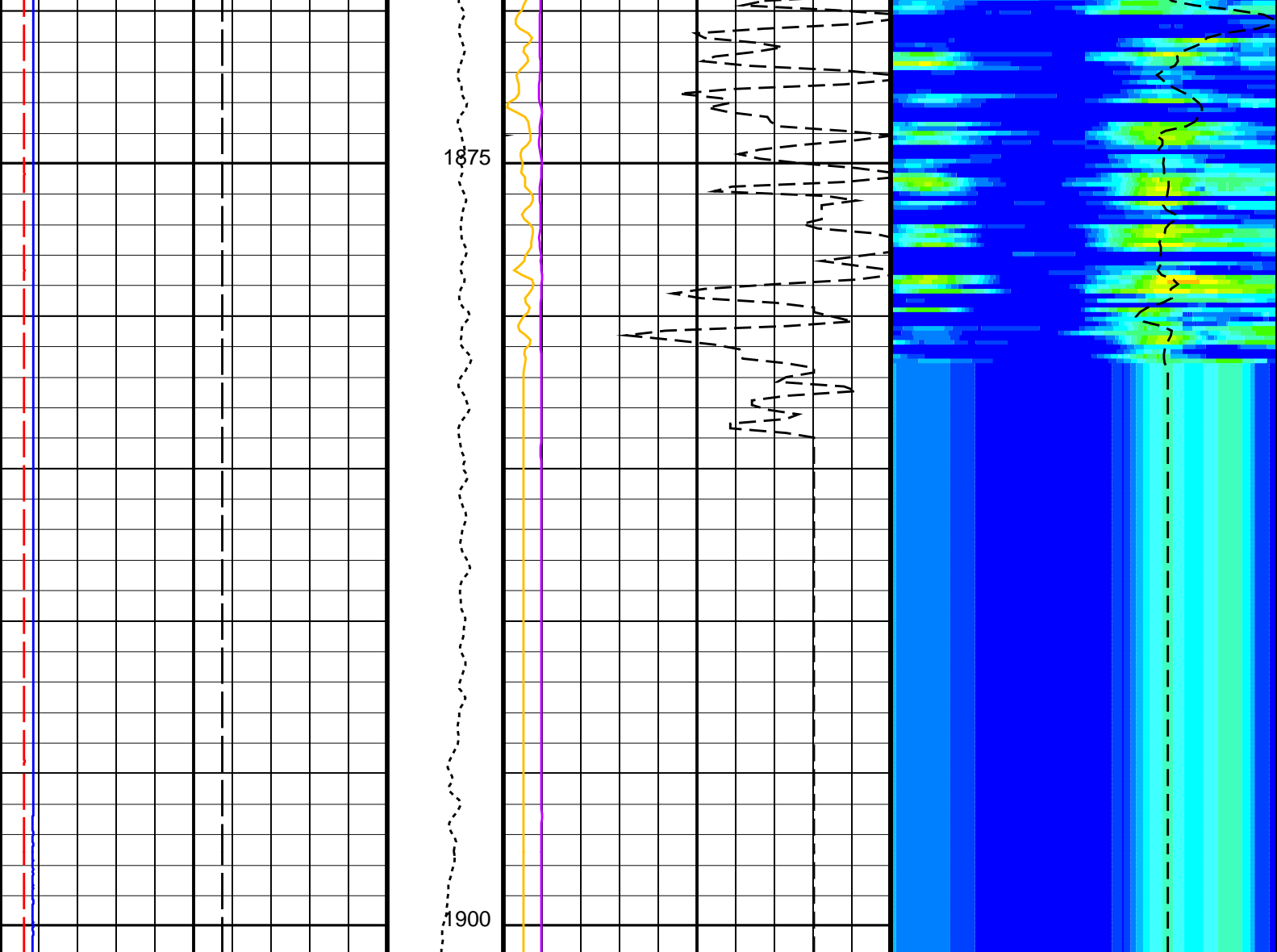
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<div>0<div>Caliper 1 (C1)</div><div>(IN)</div>20</div>		<div>1000<div>Sonic Velocity (SVEL)</div><div>(M/S)</div>6000</div>	<div>Min<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></di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<div>Bit Size (BS) (IN)</div> <div>020</div>		<div>Tension (TENS) (LBF)</div> <div>05000</div>	<div>Peak Coherence / RA – Lower Dipole (CHR1)</div> <div>010</div>	<div>Delta-T Shear / RA – Lower Dipole (DT1R) (US/F)</div> <div>751200</div>
<div>Caliper 2 (C2) (IN)</div> <div>020</div>			<div>SAM1 Waveform Gain (WFG1) (-----)</div> <div>01000</div>	<div>MinAmplitudeMax</div> <div>Rec.Array L.Dipole Slow Proj. CVDL (SPR1) (US/F)</div> <div>751200</div>
<div>Caliper 1 (C1) (IN)</div> <div>020</div>			<div>Sonic Velocity (SVEL) (M/S)</div> <div>10006000</div>	

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	200	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	40	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	1400	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: 25–Aug–2021 18:56

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	DTC–H	19C0–187

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_030LUP	PRODUCER	25–Aug–2021 18:53	1900.9 M	1673.4 M
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Output DLIS Files

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RTB	FMS_DSI_NGS_033PUP	FN:41	PRODUCER	25–Aug–2021 18:56

Company: International Ocean Discovery Program Well: Expedition 396, Site U1568A

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_030LUP	PRODUCER	25–Aug–2021 18:53	1900.9 M	1673.4 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_033PUP	FN:40	PRODUCER	25–Aug–2021 18:56	1900.9 M	1673.4 M
RTB	FMS_DSI_NGS_033PUP	FN:41	PRODUCER	25–Aug–2021 18:56	1900.9 M	1673.4 M

OP System Version: 19C0–187

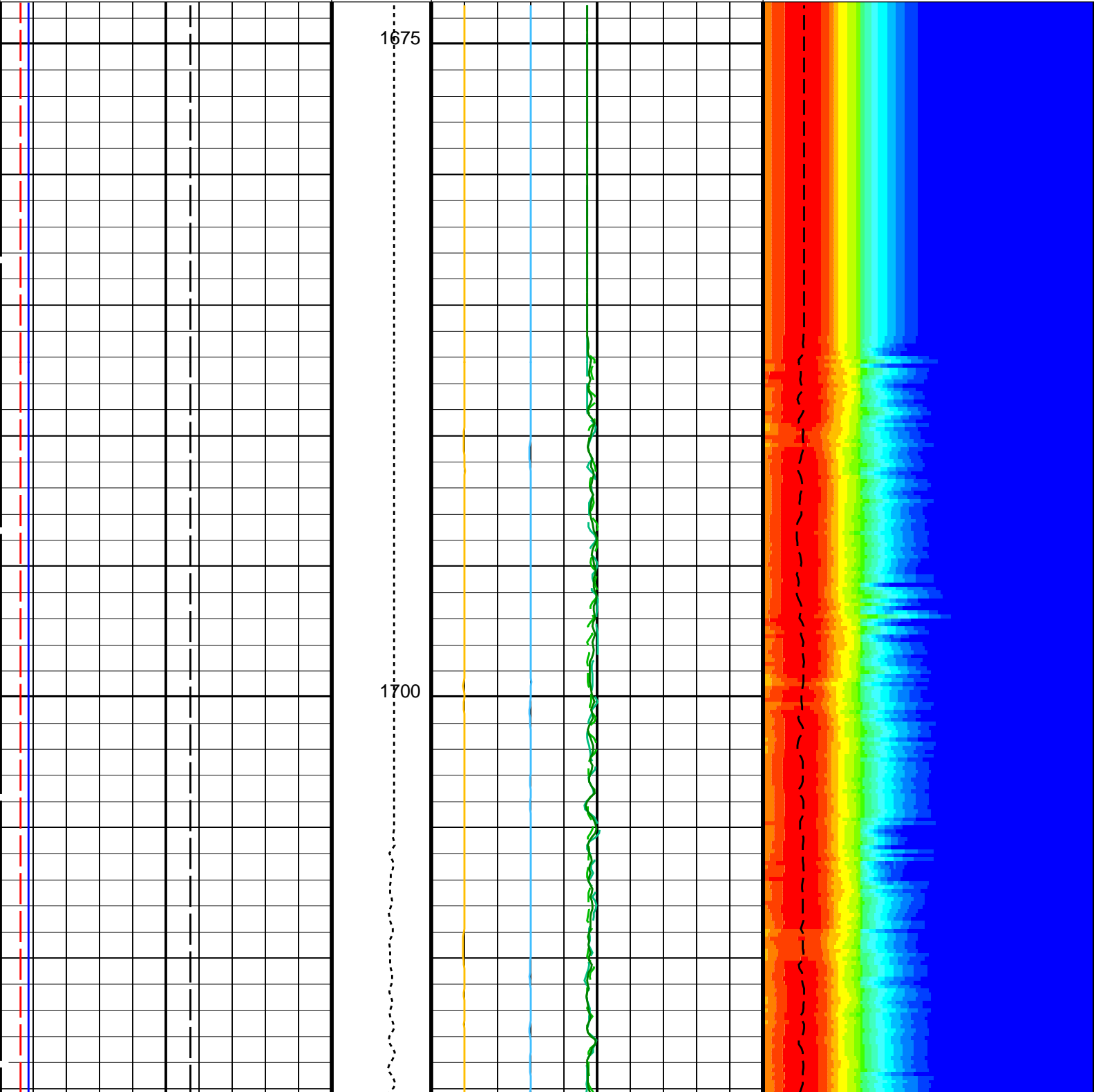
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DSST–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	DTC–H	19C0–187

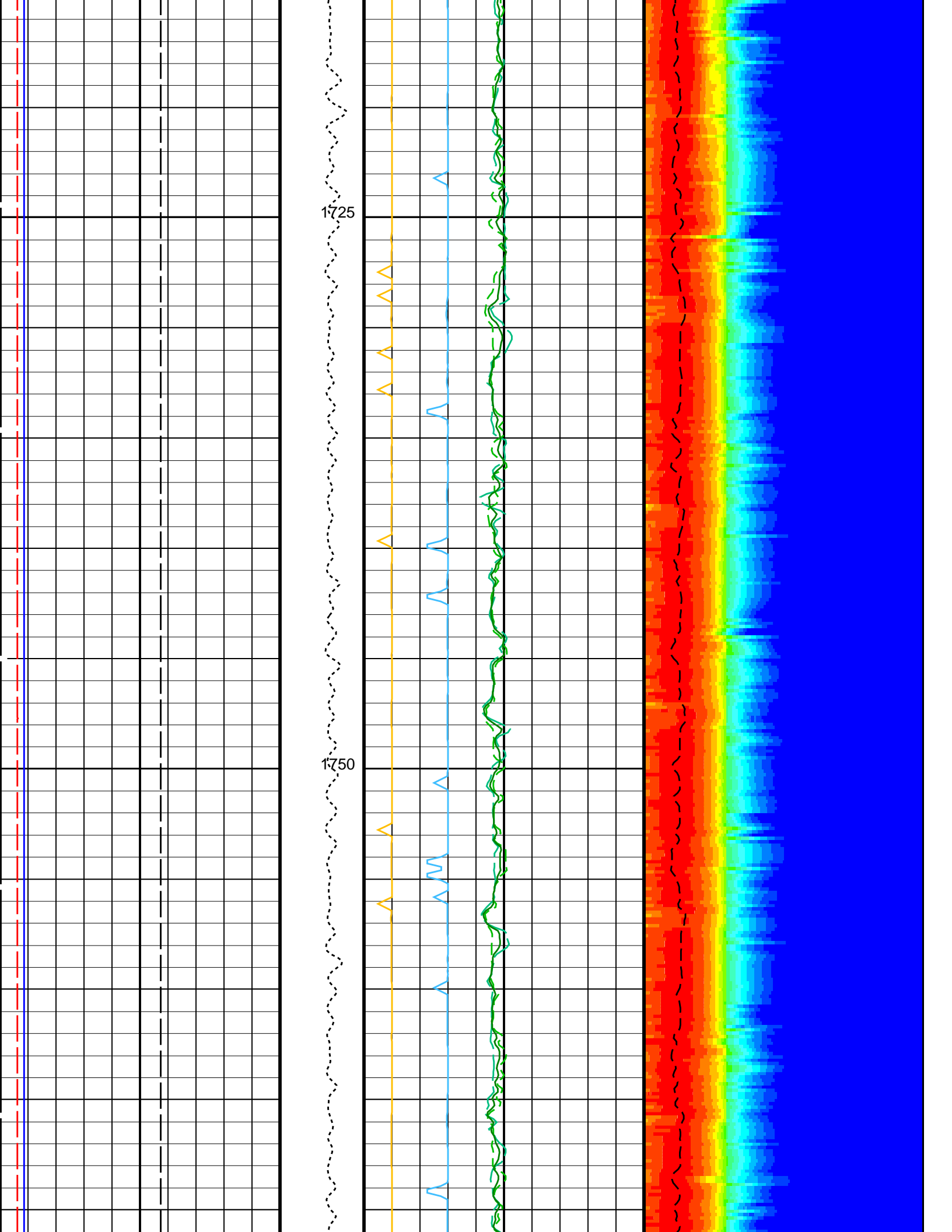
PIP SUMMARY

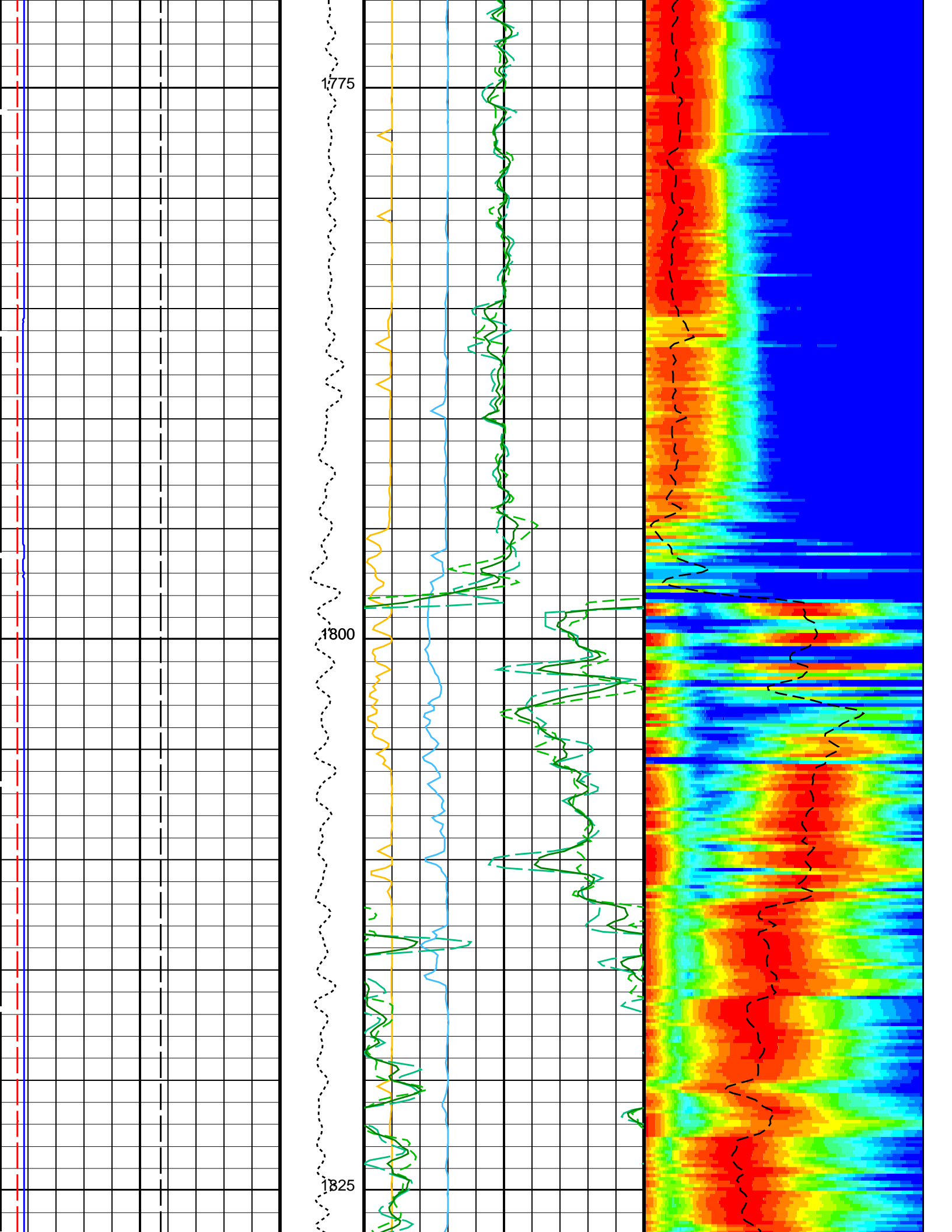
 Time Mark Every 60 S

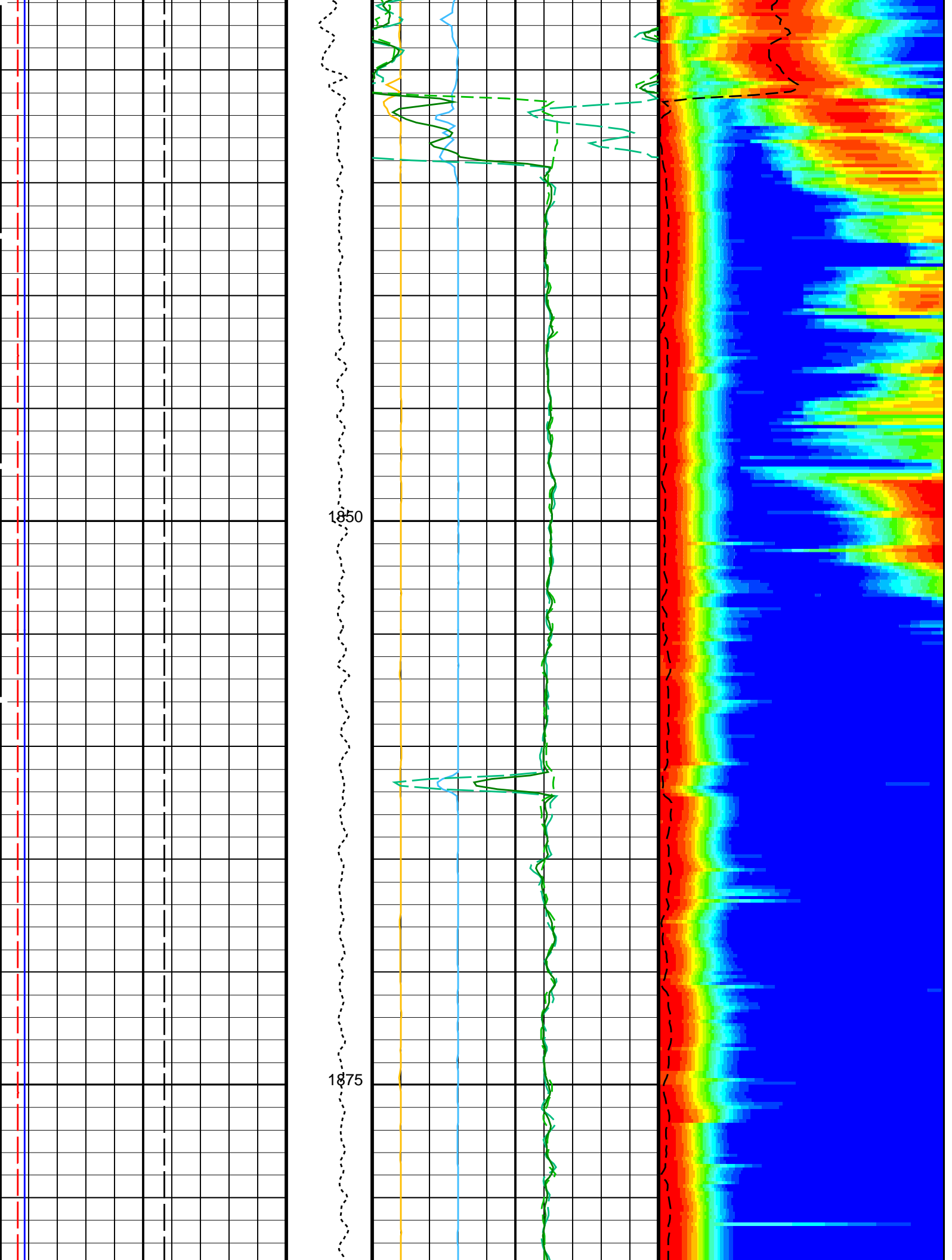
Delta–T Stoneley (DTST)

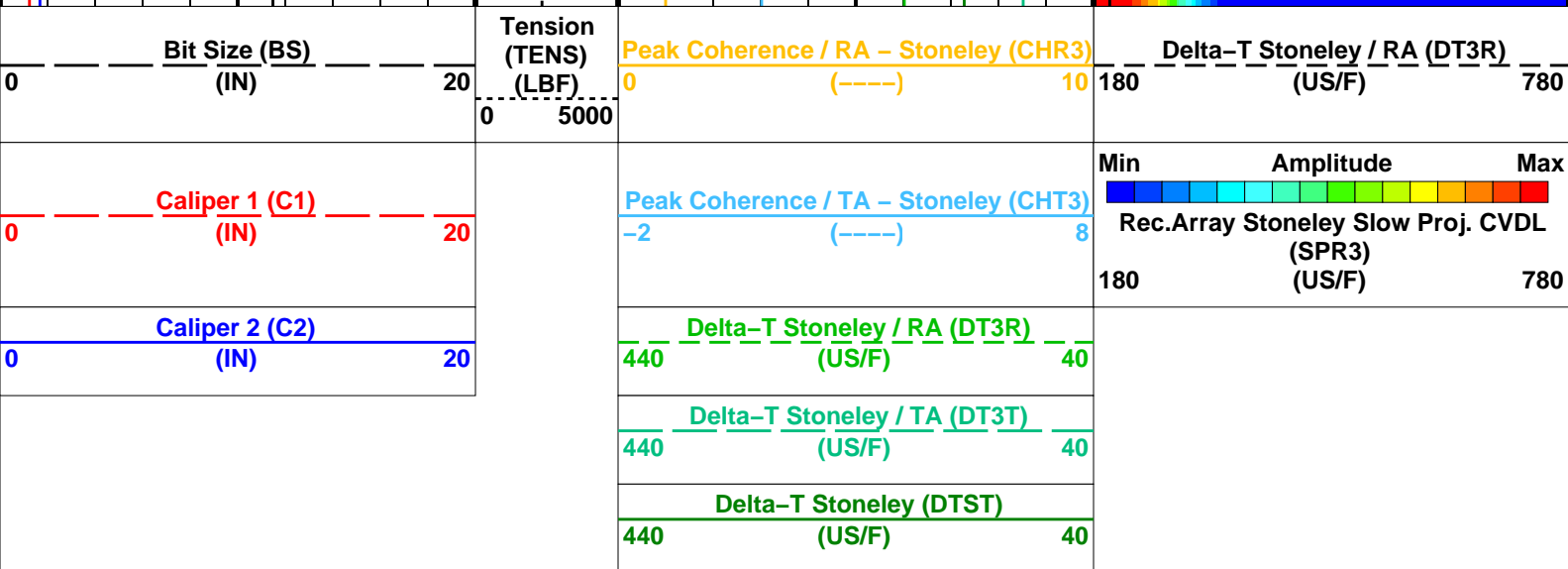
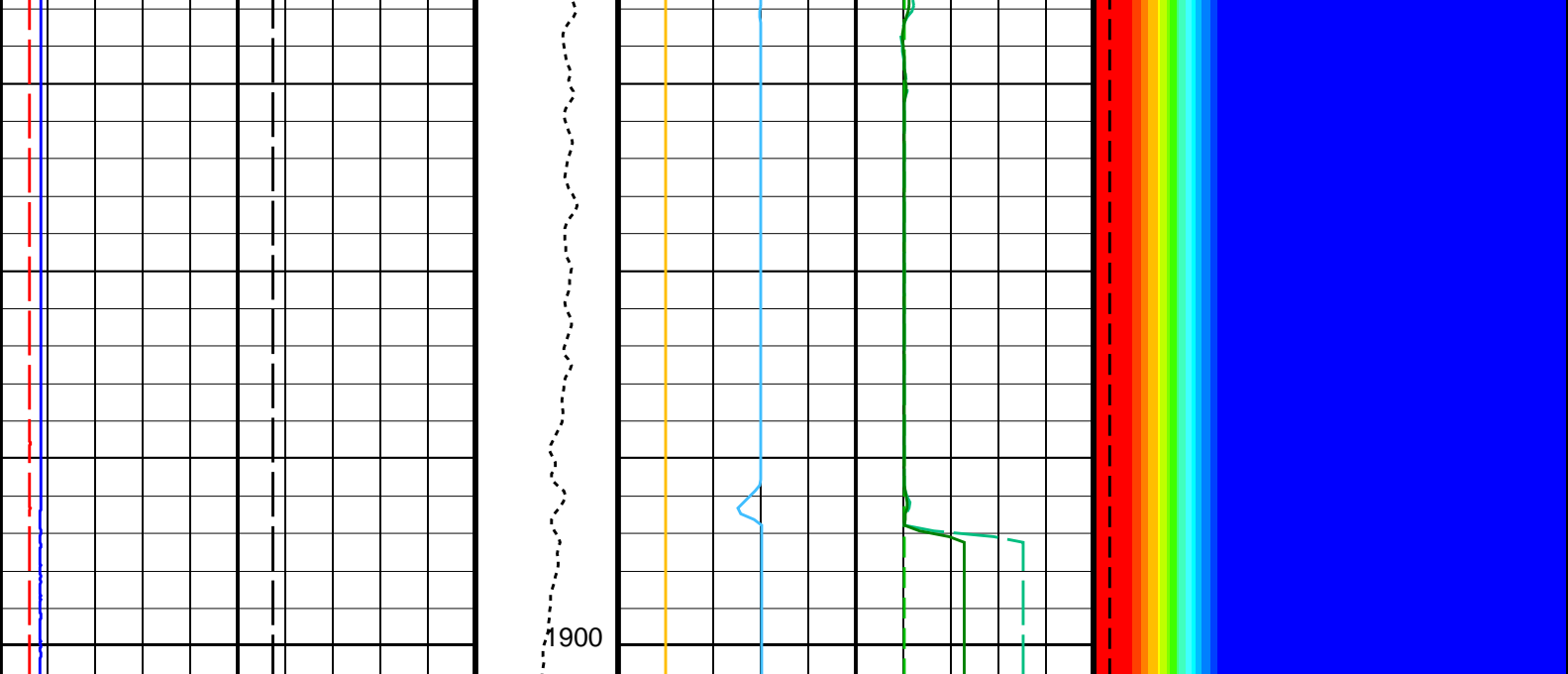
		440 (US/F) 40	
		440 $\frac{\text{Delta-T Stoneley / TA (DT3T)}}{(\text{US/F})}$ 40	
		440 $\frac{\text{Delta-T Stoneley / RA (DT3R)}}{(\text{US/F})}$ 40	
Caliper 2 (C2) 0 (IN) 20		Peak Coherence / TA – Stoneley (CHT3) -2 (----) 8	<div>Min Amplitude Max</div> <div>Rec.Array Stoneley Slow Proj. CVDL (SPR3) (US/F) 180 780</div>
Caliper 1 (C1) 0 (IN) 20		Peak Coherence / RA – Stoneley (CHR3) 0 (-----) 10	
Bit Size (BS) 0 (IN) 20		Delta-T Stoneley / RA (DT3R) 180 (US/F) 780	
Tension (TENS) (LBF) 0 5000			











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	ODD	
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
SEC2	STC Formation Character – Monopole Stoneley	SELECTABLE	

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	180	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: 25–Aug–2021 18:56

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	DTC–H	19C0–187		


Input DLIS Files					
DEFAULT	Flip_FMS_DSI_NGS_030LUP	PRODUCER	25–Aug–2021 18:53	1900.9 M	1673.4 M
Output DLIS Files					
DEFAULT	FMS_DSI_NGS_033PUP	FN:40	PRODUCER	25–Aug–2021 18:56	
RTB	FMS_DSI_NGS_033PUP	FN:41	PRODUCER	25–Aug–2021 18:56	

Company: International Ocean Discovery Program Well: Expedition 396, Site U1568A

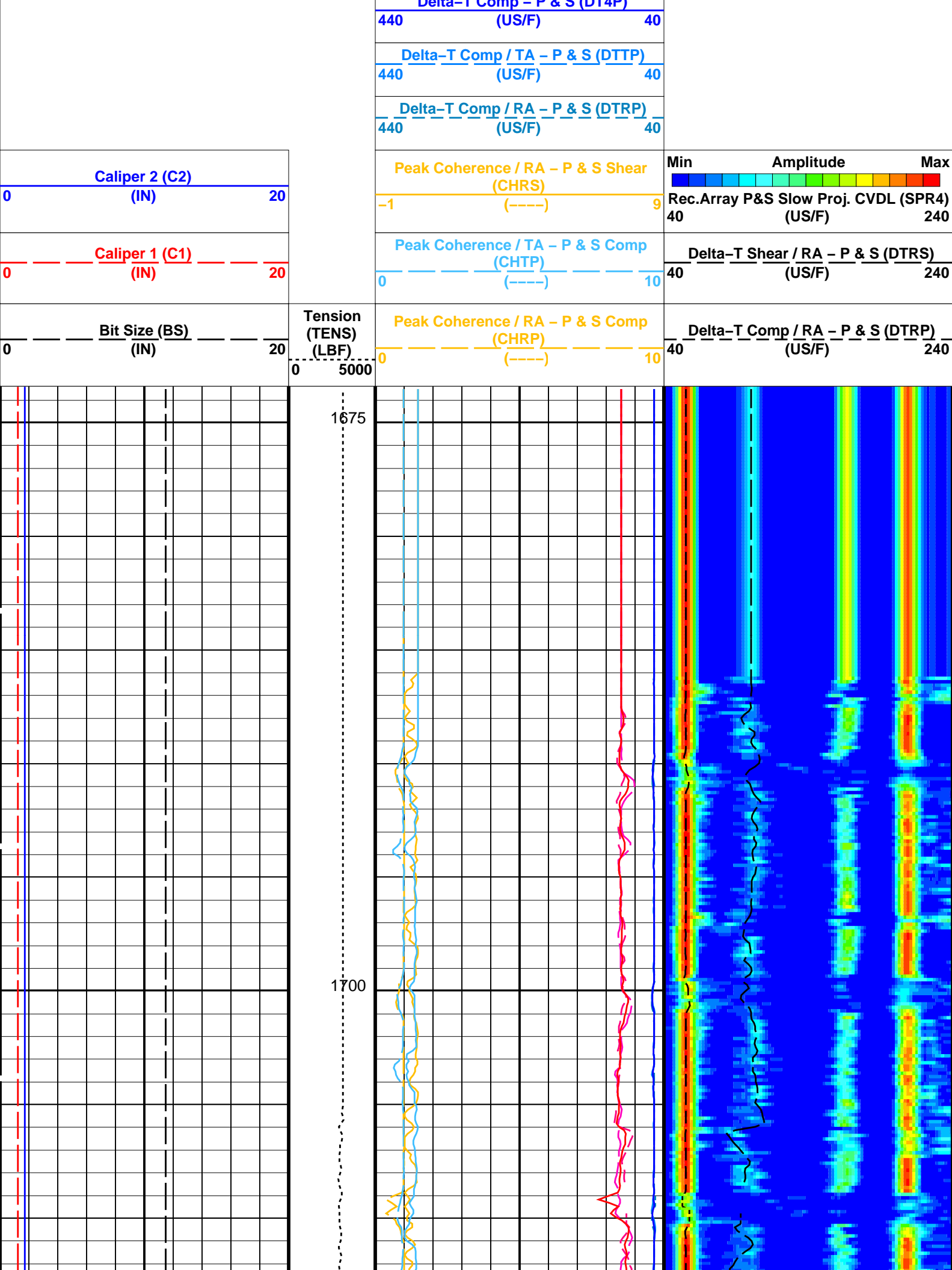
Input DLIS Files					
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Output DLIS Files					
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RTB	FMS_DSI_NGS_033PUP	FN:41	PRODUCER	25–Aug–2021 18:56	1900.9 M 1673.4 M

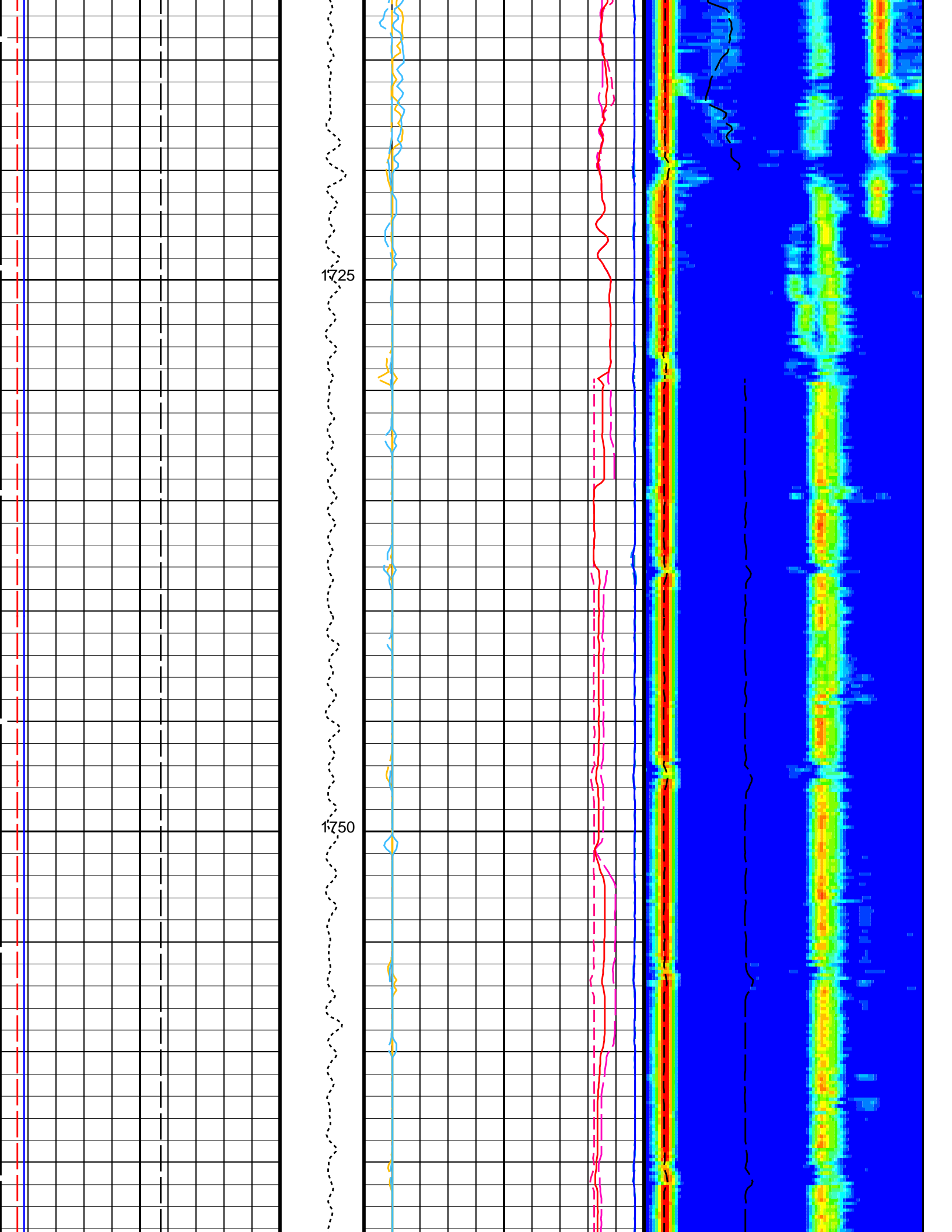
OP System Version: 19C0–187					
MEST–B	19C0–187	DTA–A	19C0–187		
DSST–B	19C0–187	HNGC–B	19C0–187		
HNGS–BA	19C0–187	DTC–H	19C0–187		

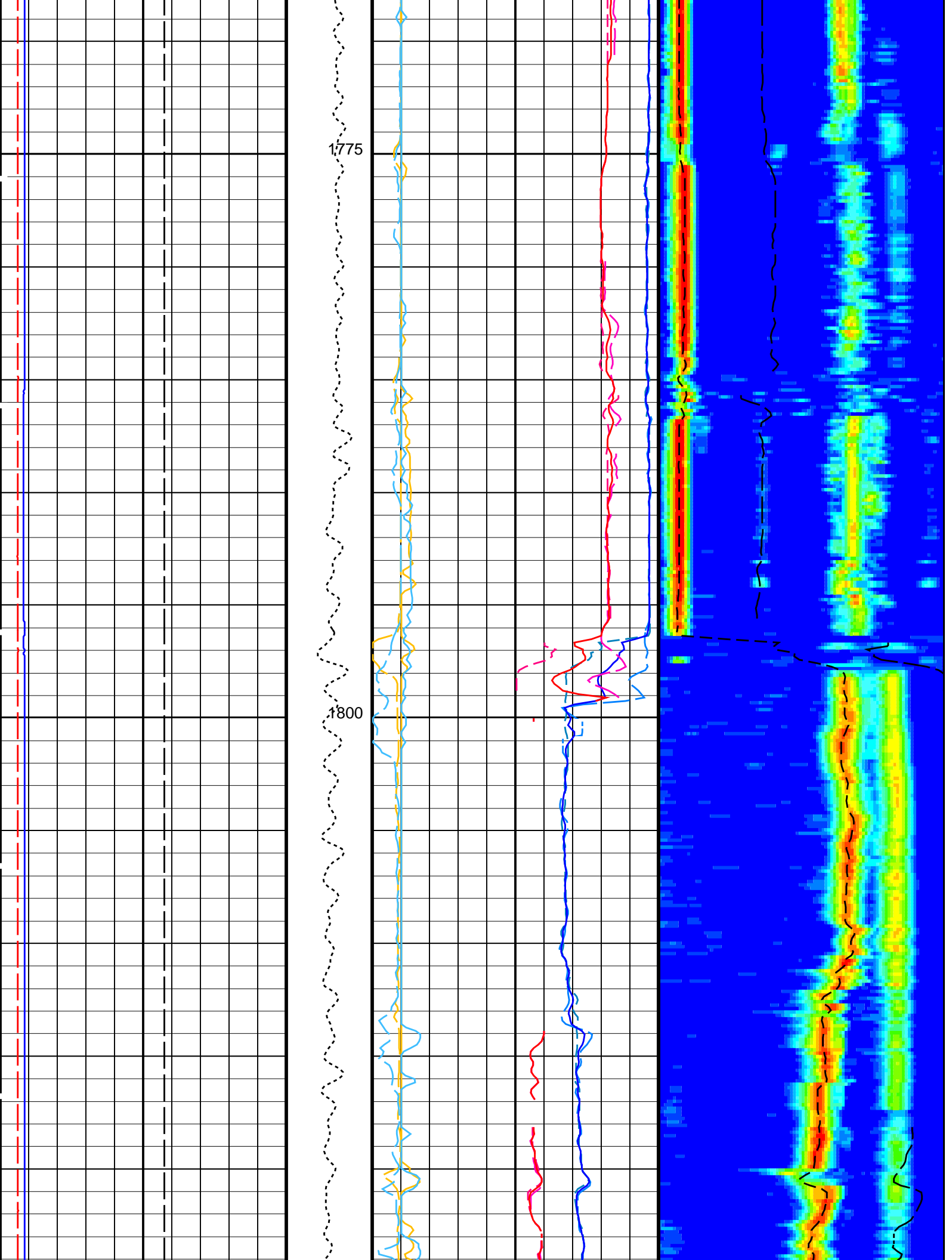
PIP SUMMARY

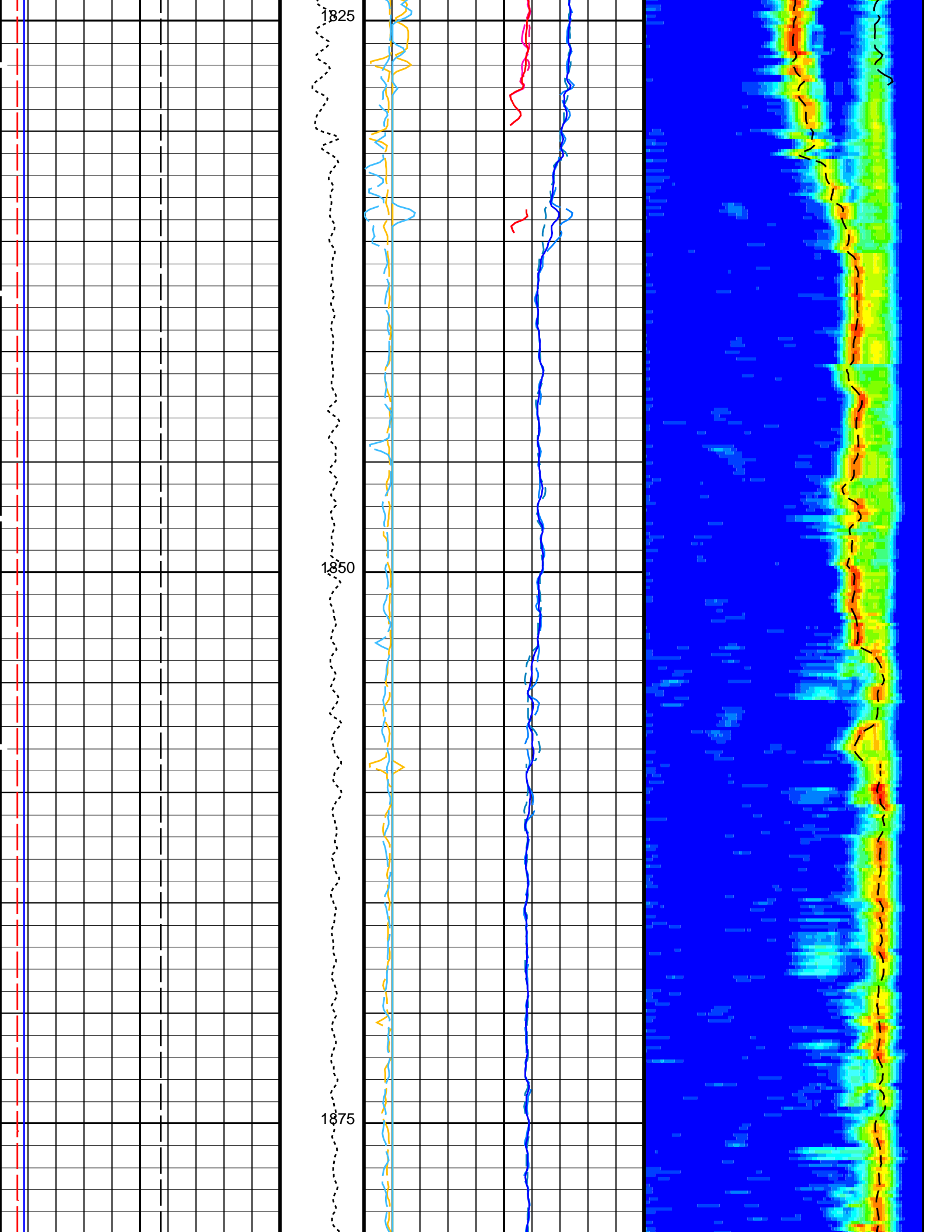
 Time Mark Every 60 S

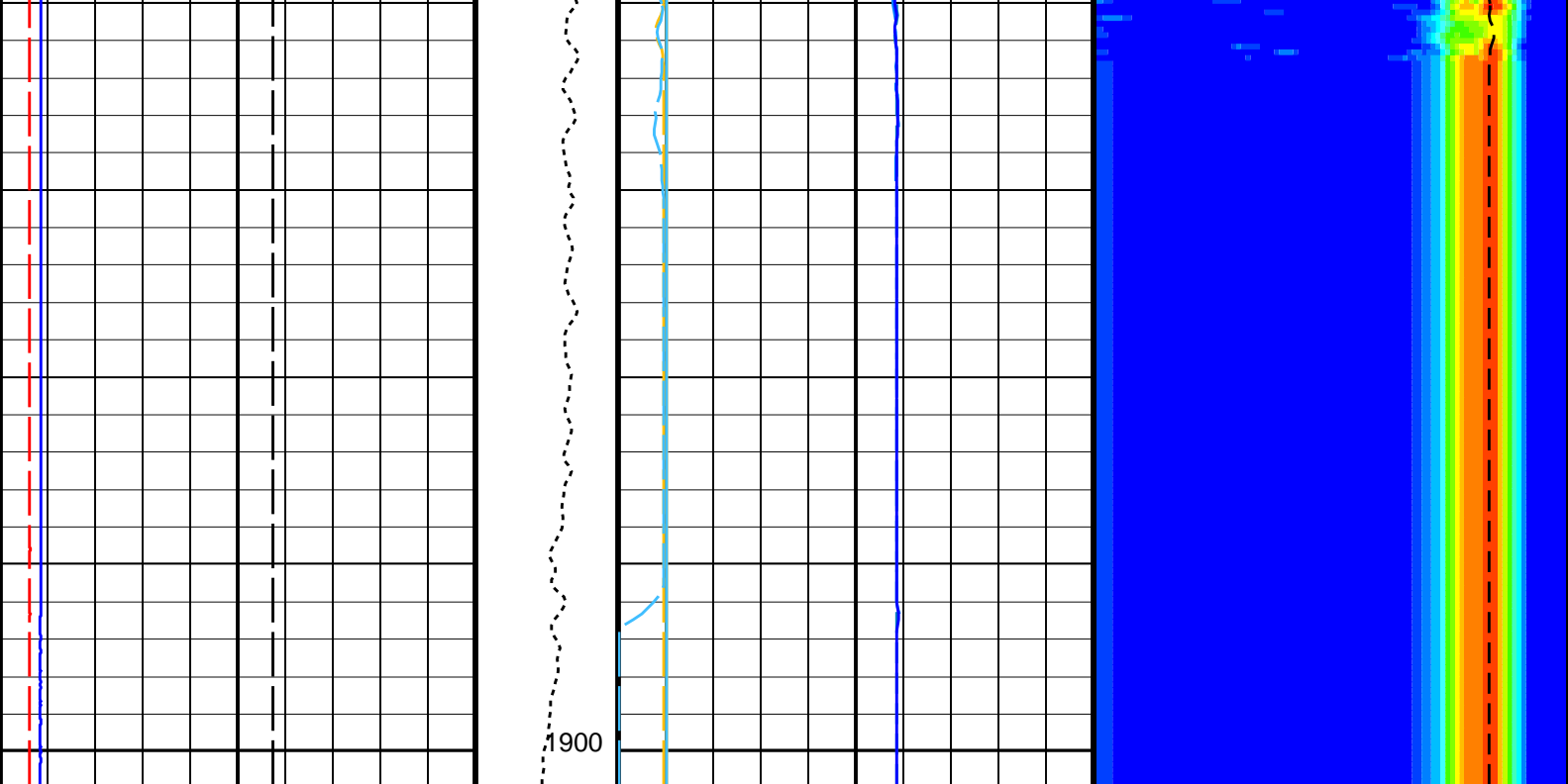
Peak Coherence / TA – P & S Shear (CHTS)		
–1	(----	9
Delta–T Shear – P & S (DT4S)		
440	(US/F)	40
Delta–T Shear / TA – P & S (DTTS)		
440	(US/F)	40
Delta–T Shear / RA – P & S (DTRS)		
440	(US/F)	40
Delta–T Comp – P & S (DT4P)		











<div>Bit Size (BS) (IN)</div> <div>020</div>	<div>Tension (TENS) (LBF)</div> <div>05000</div>	<div>Peak Coherence / RA – P & S Comp (CHRP)</div> <div>010</div>	<div>Delta–T Comp / RA – P & S (DTRP)</div> <div>40240</div>
<div>Caliper 1 (C1) (IN)</div> <div>020</div>		<div>Peak Coherence / TA – P & S Comp (CHTP)</div> <div>010</div>	<div>Delta–T Shear / RA – P & S (DTRS)</div> <div>40240</div>
<div>Caliper 2 (C2) (IN)</div> <div>020</div>		<div>Peak Coherence / RA – P & S Shear (CHRS)</div> <div>–19</div>	<div>MinAmplitudeMax</div> <div>Rec.Array P&S Slow Proj. CVDL (SPR4) (US/F)</div> <div>40240</div>
		<div>Delta–T Comp / RA – P & S (DTRP)</div> <div>44040</div>	
		<div>Delta–T Comp / TA – P & S (DTTP)</div> <div>44040</div>	
		<div>Delta–T Comp – P & S (DT4P)</div> <div>44040</div>	
		<div>Delta–T Shear / RA – P & S (DTRS)</div> <div>44040</div>	
		<div>Delta–T Shear / TA – P & S (DTTS)</div> <div>44040</div>	
		<div>Delta–T Shear – P & S (DT4S)</div> <div>44040</div>	
		<div>Peak Coherence / TA – P & S Shear (CHTS)</div> <div>–19</div>	

PIP SUMMARY

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
BHS	DSST–B: Dipole Shear Imager – B 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	220	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	212	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	COMP_FIRST	
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	EVEN	
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	70	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	180	US/F
STUL	Label Slowness Upper Limit – Monopole Stoneley	780	US/F
SUL4	STC Slowness Upper Limit – Monopole P&S	240	US/F
SWD4	STC Slowness Width – Monopole P&S	10	US/F
TBF4	STC Time for Baseline Fill – Monopole P&S	300	US
TLL4	STC Time Lower Limit – Monopole P&S	150	US
TST4	STC Time Step – Monopole P&S	50	US
TUL4	STC Time Upper Limit – Monopole P&S	3660	US
TWD4	STC Time Width – Monopole P&S	1000	US
TWI4	STC Integration Time Window – Monopole P&S	500	US
TWSX	Transmitter Waveform Select X	0	
BHS	HNGS–BA: Hostile Natural Gamma Ray Sonde Borehole Status	OPEN	
BS	System and Miscellaneous 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: 25–Aug–2021 18:56

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	DTC–H	19C0–187

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_030LUP	PRODUCER	25–Aug–2021 18:53	1900.9 M	1673.4 M
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Output DLIS Files

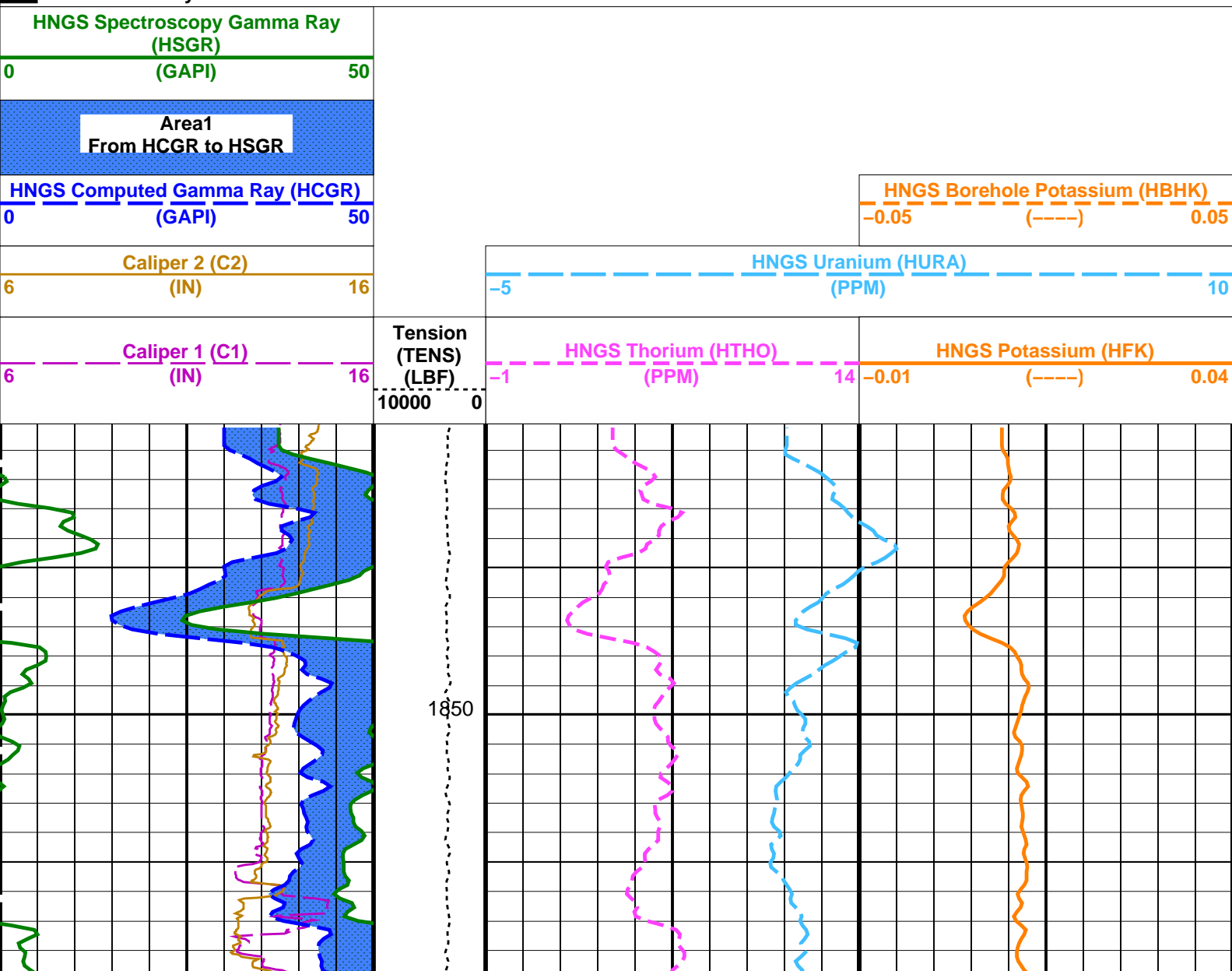
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RTB	FMS_DSI_NGS_033PUP	FN:41	PRODUCER	25–Aug–2021 18:56

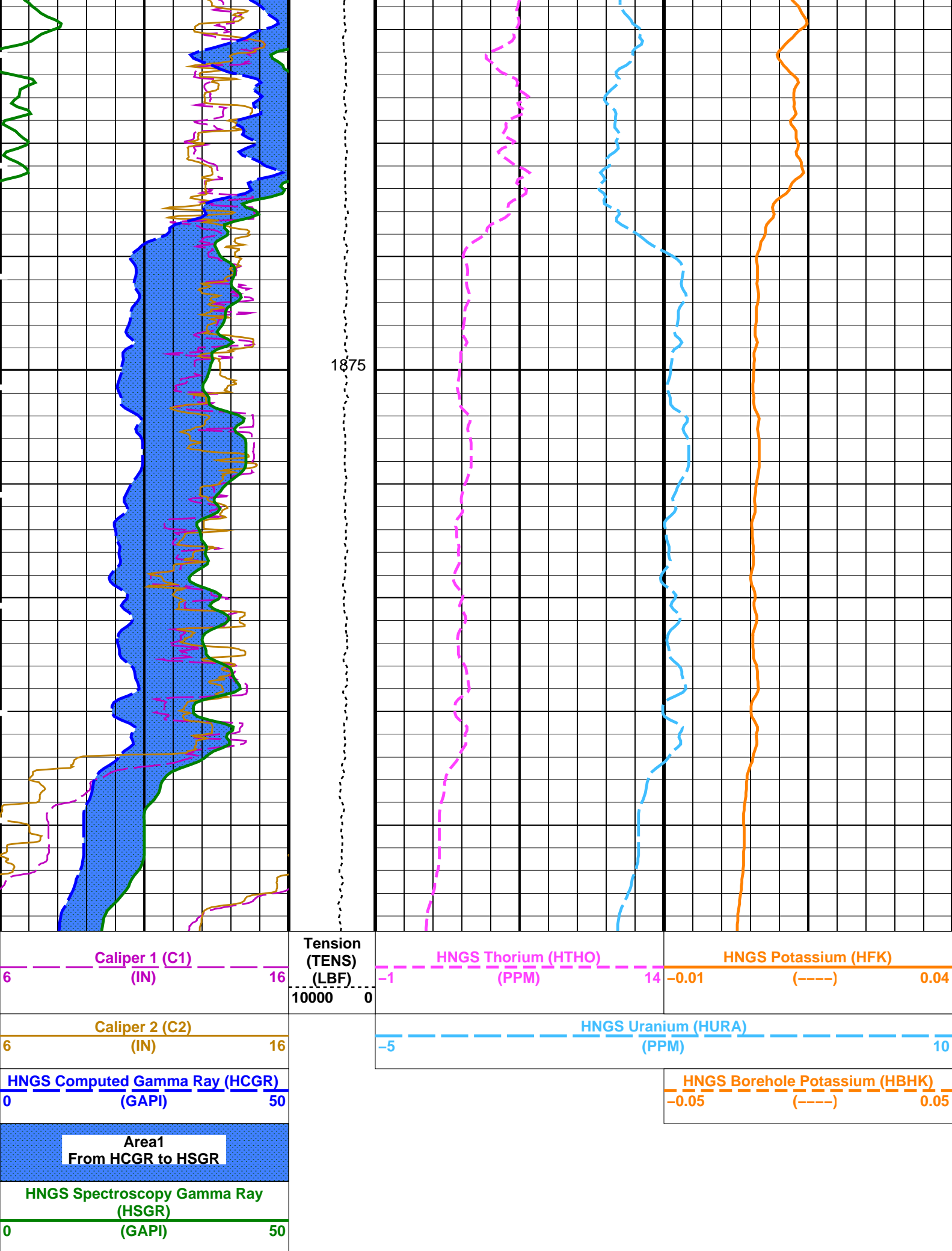
Input DLIS Files

Output DLIS Files

OP System Version: 19C0-187

PIP SUMMARY





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	-0.0359246		
HALF	HNGS Alpha Filter Length	60	IN	
HCRB	HNGS Apply Borehole Potassium Correction	NONE		
HMWM	Mud Weighting Material	NATU		
HNPE	HNGS Processing Enable	YES		
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS	
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS	
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES		
TPOS	Tool Position	CENT		
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.960363		
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.997935		
System and Miscellaneous				
BS	Bit Size	11.438	IN	
DFD	Drilling Fluid Density	1.26	G/C3	
DO	Depth Offset for Playback	0.0	M	
PP	Playback Processing	RECOMPUTE		

Format: HNGSYields
Vertical Scale: 1:200
Graphics File Created: 25–Aug–2021 18:57

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	DTC–H	19C0–187	

Input DLIS Files						
DEFAULT	FMS_DSI_NGS_027LUP	FN:33	PRODUCER	25–Aug–2021 17:42	1899.7 M	1840.1 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_034PUP	FN:42	PRODUCER	25–Aug–2021 18:57		
RTB	FMS_DSI_NGS_034PUP	FN:43	PRODUCER	25–Aug–2021 18:57		

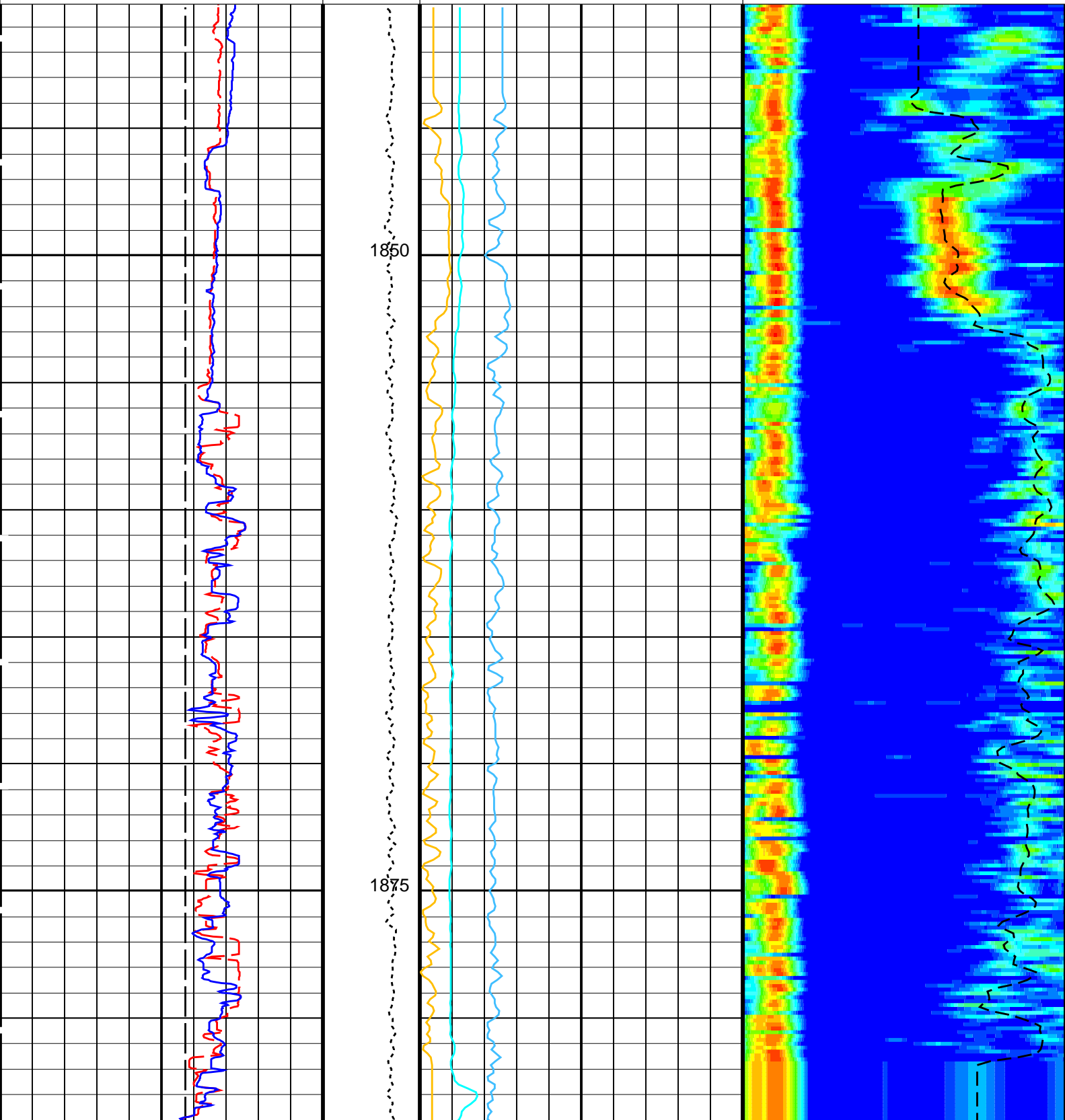
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Output DLIS Files						
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RTB	FMS_DSI_NGS_034PUP	FN:43	PRODUCER	25–Aug–2021 18:57	1899.7 M	1840.1 M

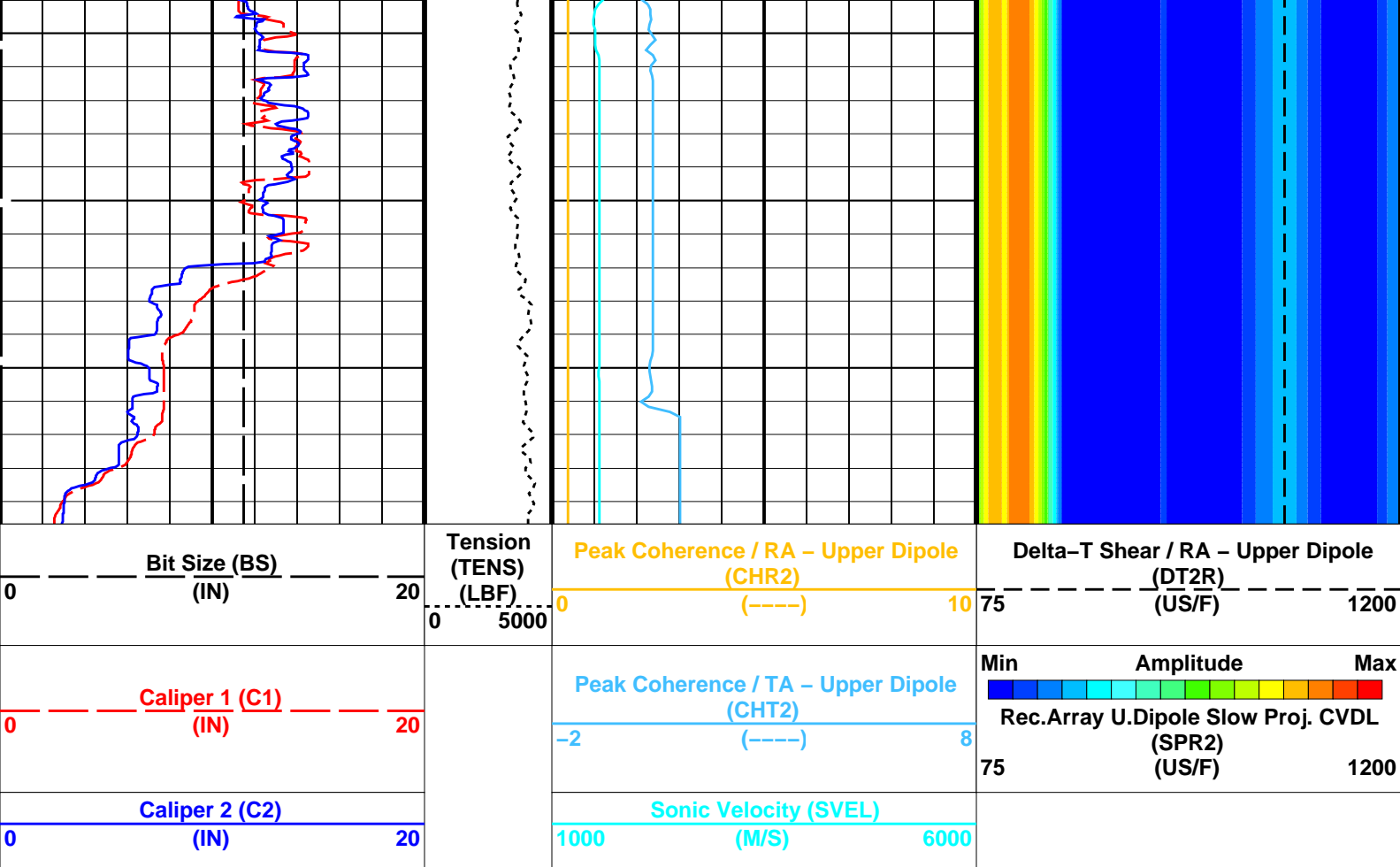
OP System Version: 19C0–187				
MEST–B	19C0–187	DTA–A	19C0–187	
DSST–B	19C0–187	HNGC–B	19C0–187	
HNGS–BA	19C0–187	DTC–H	19C0–187	

PIP SUMMARY

Time Mark Every 60 S

<div>Caliper 2 (C2)</div> <div>0 (IN) 20</div>		<div>Sonic Velocity (SVEL)</div> <div>1000 (M/S) 6000</div>	
<div>Caliper 1 (C1)</div> <div>0 (IN) 20</div>		<div>Peak Coherence / TA – Upper Dipole (CHT2)</div> <div>-2 (----) 8</div>	<div>Min Amplitude Max</div> <div>Rec.Array U.Dipole Slow Proj. CVDL (SPR2) (US/F) 1200</div>
<div>Bit Size (BS)</div> <div>0 (IN) 20</div>	<div>Tension (TENS) (LBF)</div> <div>0 5000</div>	<div>Peak Coherence / RA – Upper Dipole (CHR2)</div> <div>0 (----) 10</div>	<div>Delta-T Shear / RA – Upper Dipole (DT2R) (US/F) 1200</div>



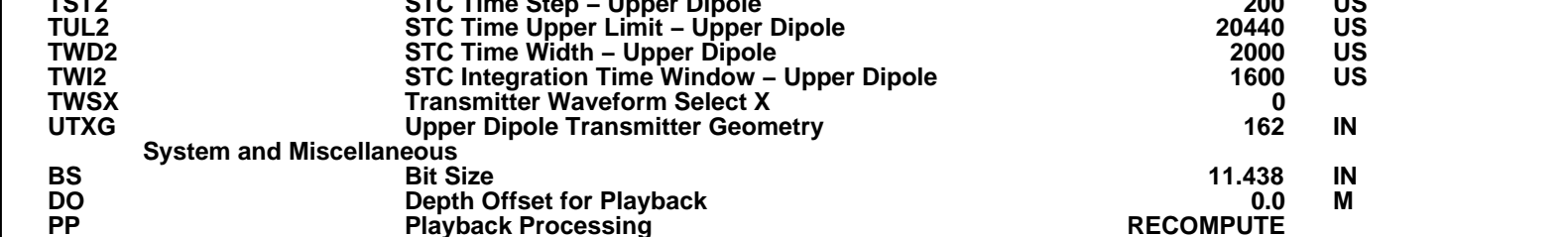


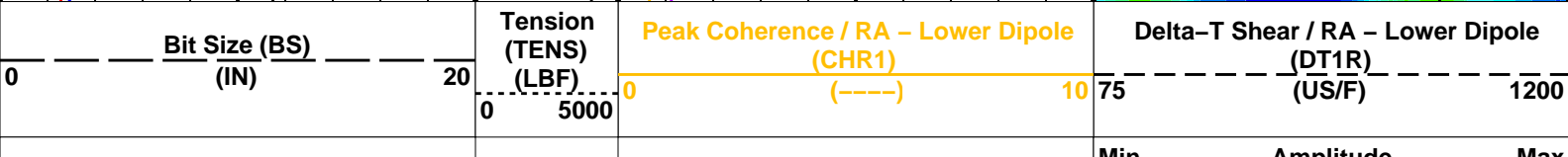
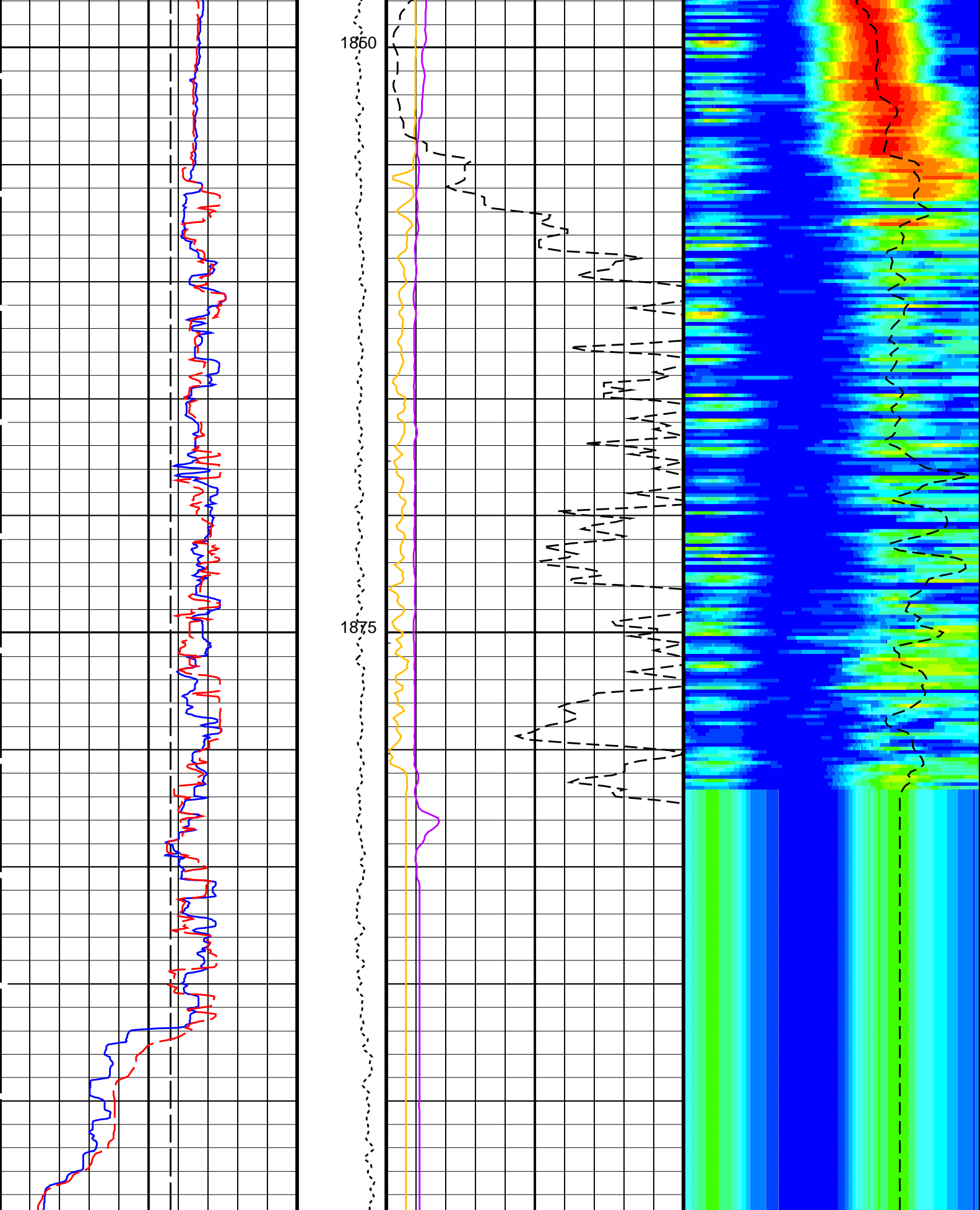
PIP SUMMARY

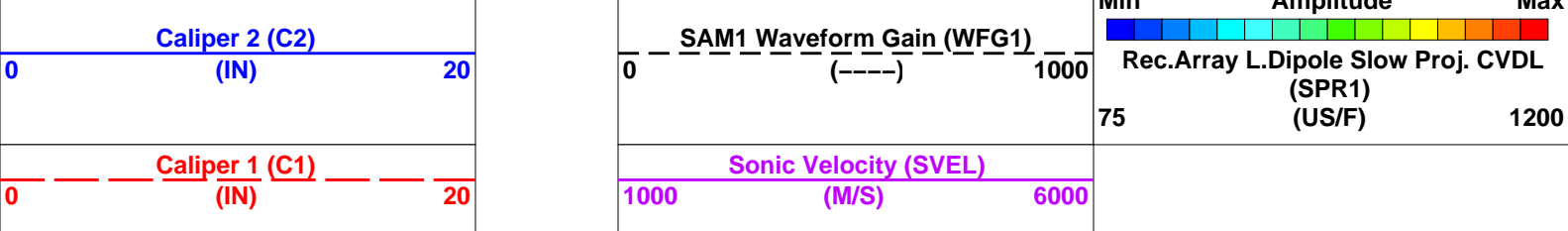
Time Mark Every 60 S

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	200 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	B1-2K
SLL2	STC Slowness Lower Limit - Upper Dipole	40 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	1400 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







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	200	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
DTC5	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
NW11	Number Waveform Items 1	8	
NW1X	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	40	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	1400	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
TW11	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: 25-Aug-2021 18:57

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	DTC-H	19C0–187

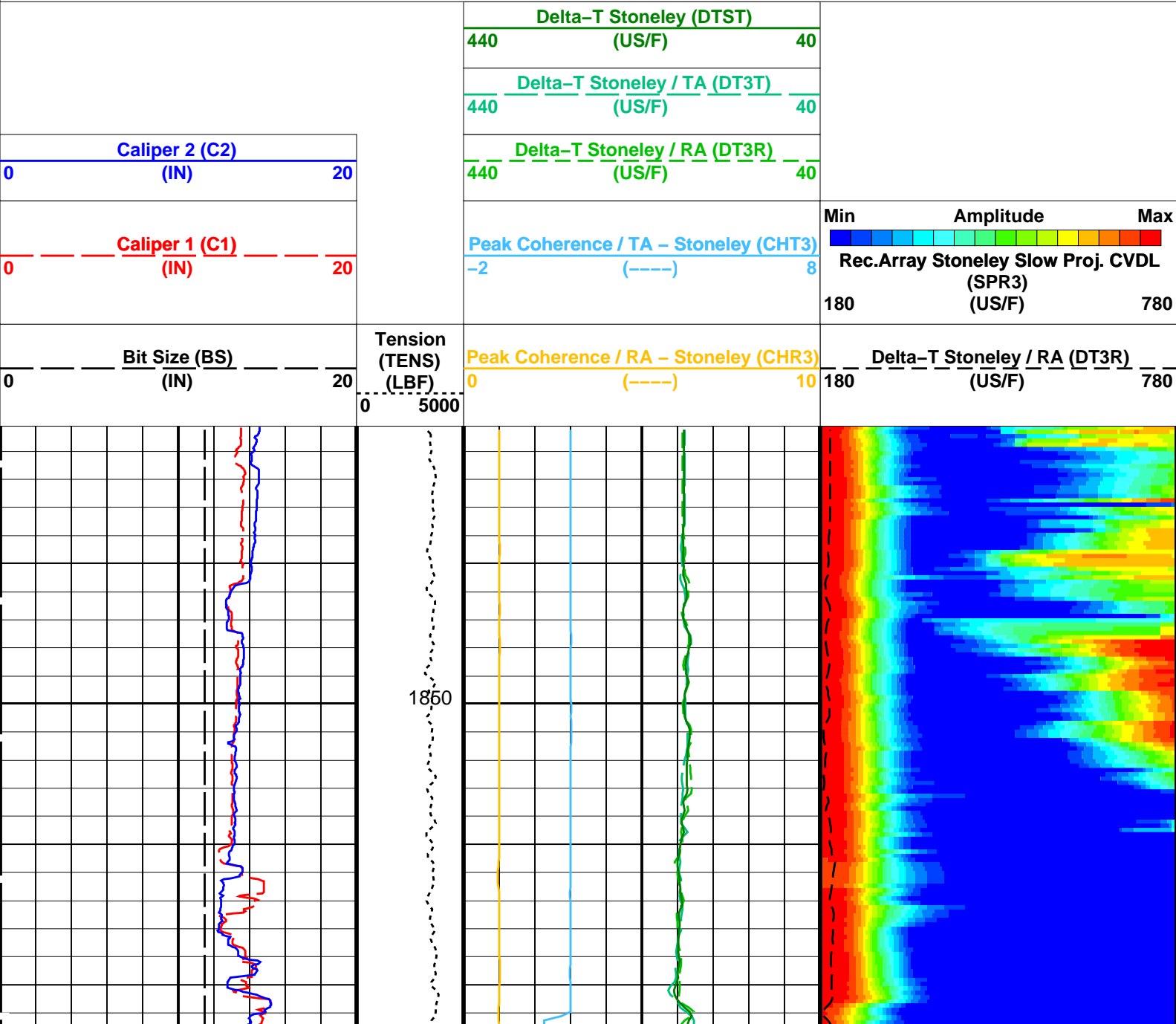
Input DLIS Files						
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Output DLIS Files						
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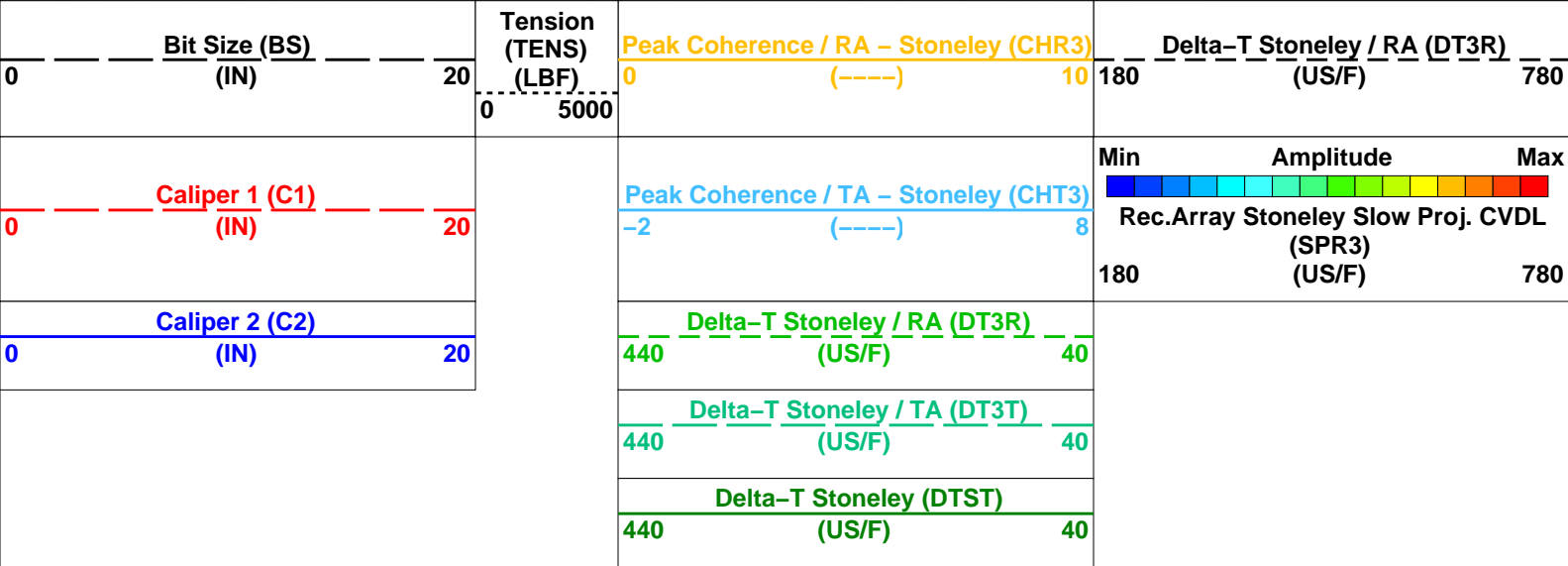
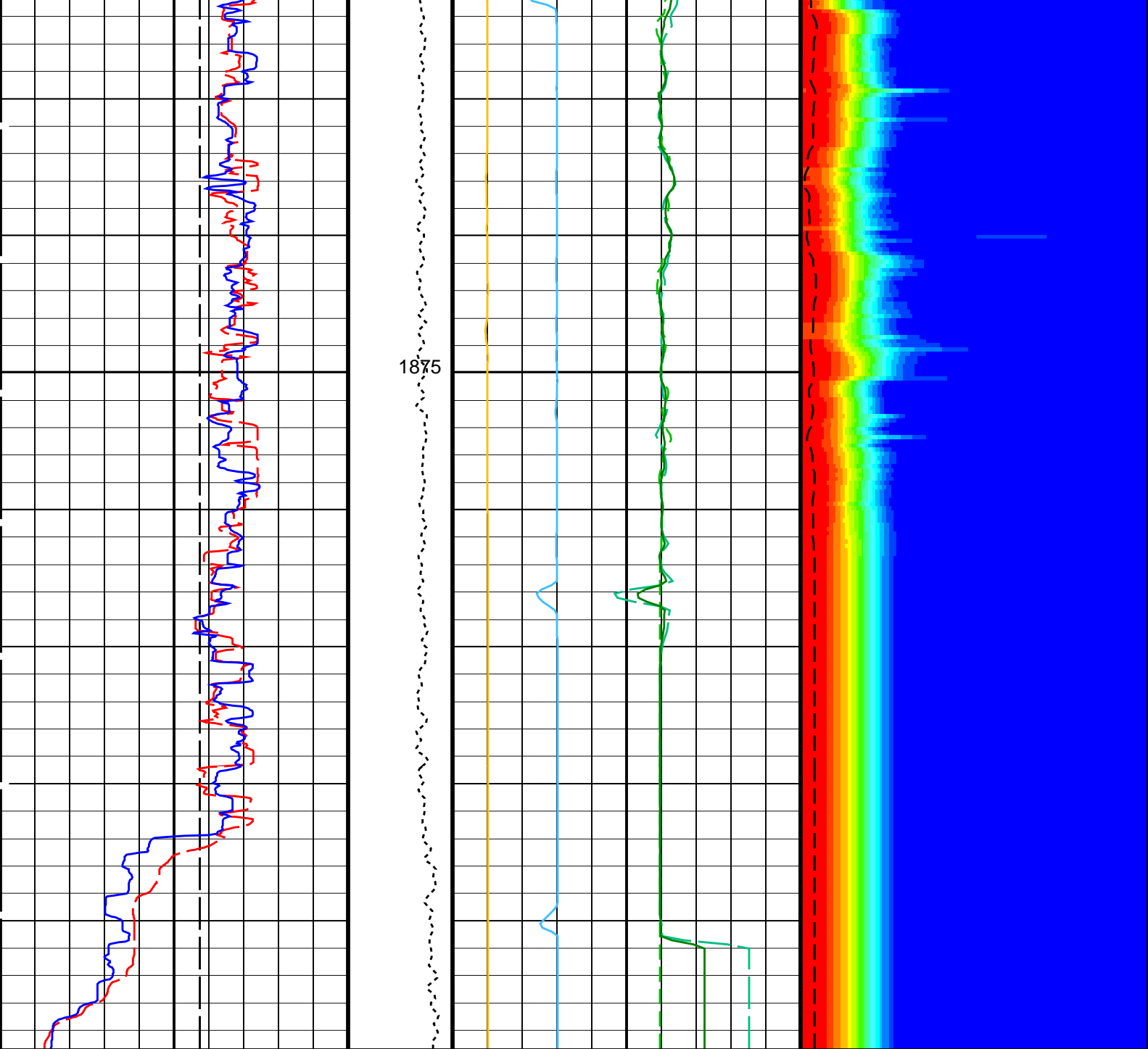
Company: International Ocean Discovery Program	Well: Expedition 396, Site U1568A
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Input DLIS Files						
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Output DLIS Files						
DEFAULT	FMS_DSI_NGS_034PUP	FN:42	PRODUCER	25-Aug-2021 18:57	1899.7 M	1840.1 M
RTB	FMS_DSI_NGS_034PUP	FN:43	PRODUCER	25-Aug-2021 18:57	1899.7 M	1840.1 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	DTC-H	19C0-187			

PIP SUMMARY	
<input type="checkbox"/> Time Mark Every 60 S	





PIP SUMMARY

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	ODD	
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	180	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: 25-Aug-2021 18:57

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	DTC-H	19C0–187

Input DLIS Files

DEFAULT	FMS_DSI_NGS_027LUP	FN:33	PRODUCER	25-Aug-2021 17:42	1899.7 M	1840.1 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_034PUP	FN:42	PRODUCER	25-Aug-2021 18:57
RTB	FMS_DSI_NGS_034PUP	FN:43	PRODUCER	25-Aug-2021 18:57

Company: International Ocean Discovery Program Well: Expedition 396, Site U1568A

Input DLIS Files

DEFAULT	FMS_DSI_NGS_027LUP	FN:33	PRODUCER	25-Aug-2021 17:42	1899.7 M	1840.1 M
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Output DLIS Files

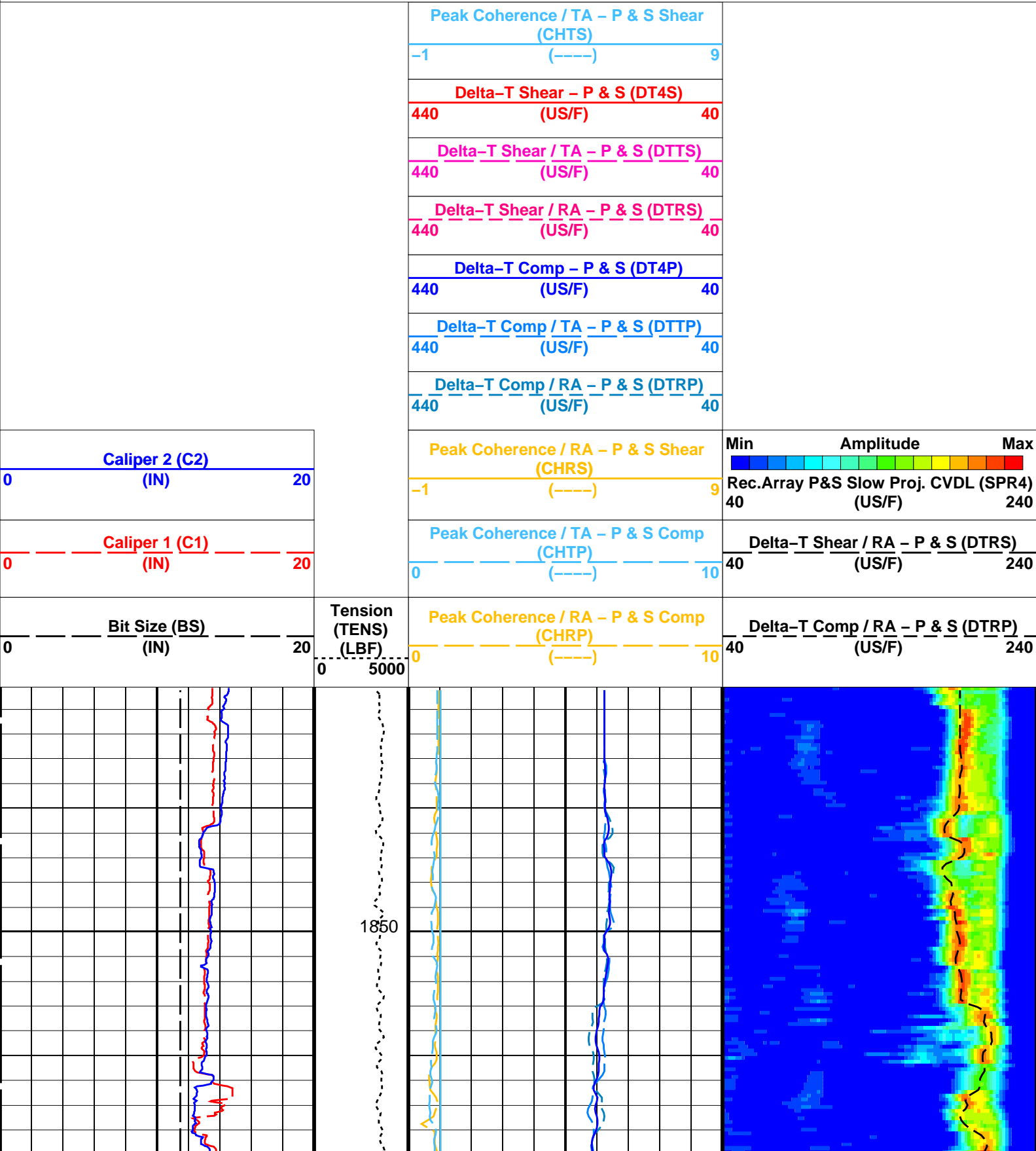
DEFAULT	FMS_DSI_NGS_034PUP	FN:42	PRODUCER	25-Aug-2021 18:57	1899.7 M	1840.1 M
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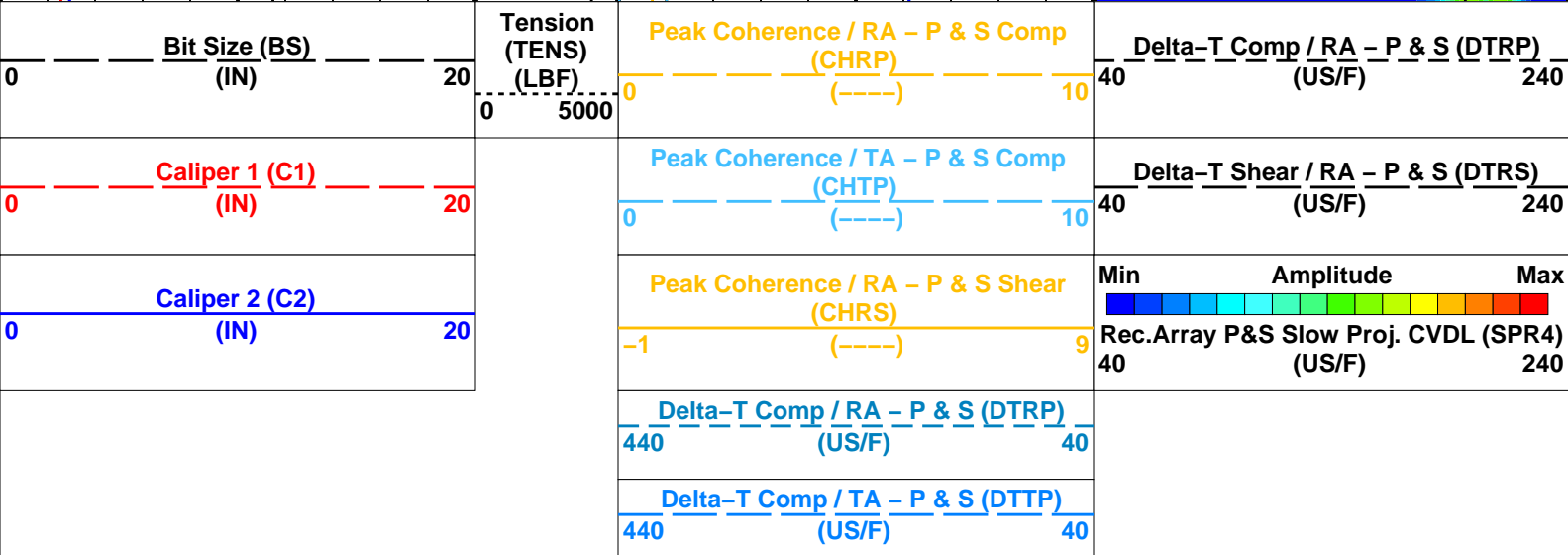
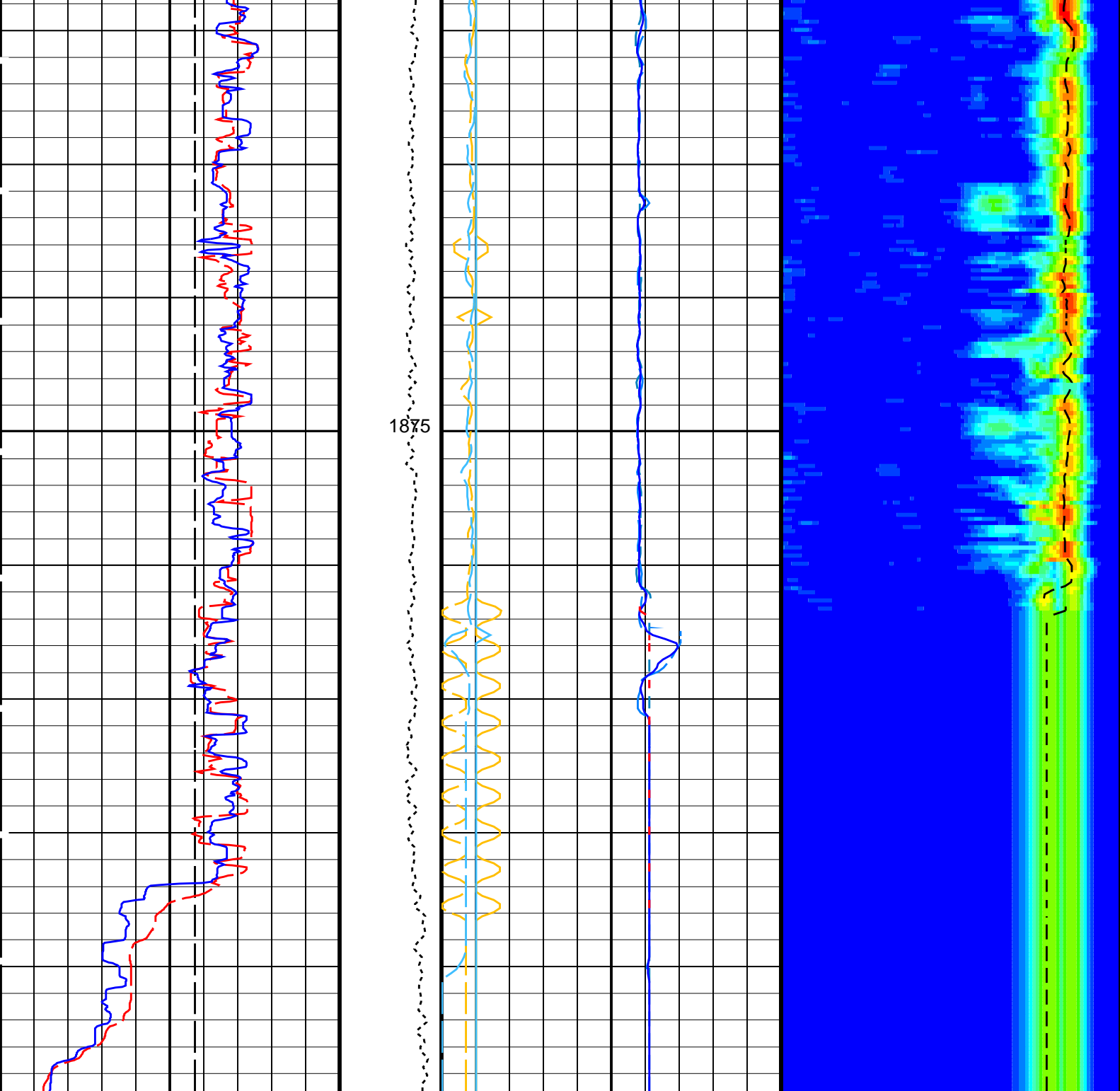
OP System Version: 19C0-187

MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

PIP SUMMARY

Time Mark Every 60 S





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

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	220	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	212	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	COMP_FIRST	
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	EVEN	
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	70	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	180	US/F
STUL	Label Slowness Upper Limit – Monopole Stoneley	780	US/F
SUL4	STC Slowness Upper Limit – Monopole P&S	240	US/F
SWD4	STC Slowness Width – Monopole P&S	10	US/F
TBF4	STC Time for Baseline Fill – Monopole P&S	300	US
TLL4	STC Time Lower Limit – Monopole P&S	150	US
TST4	STC Time Step – Monopole P&S	50	US
TUL4	STC Time Upper Limit – Monopole P&S	3660	US
TWD4	STC Time Width – Monopole P&S	1000	US
TWI4	STC Integration Time Window – Monopole P&S	500	US
TWSX	Transmitter Waveform Select X	0	

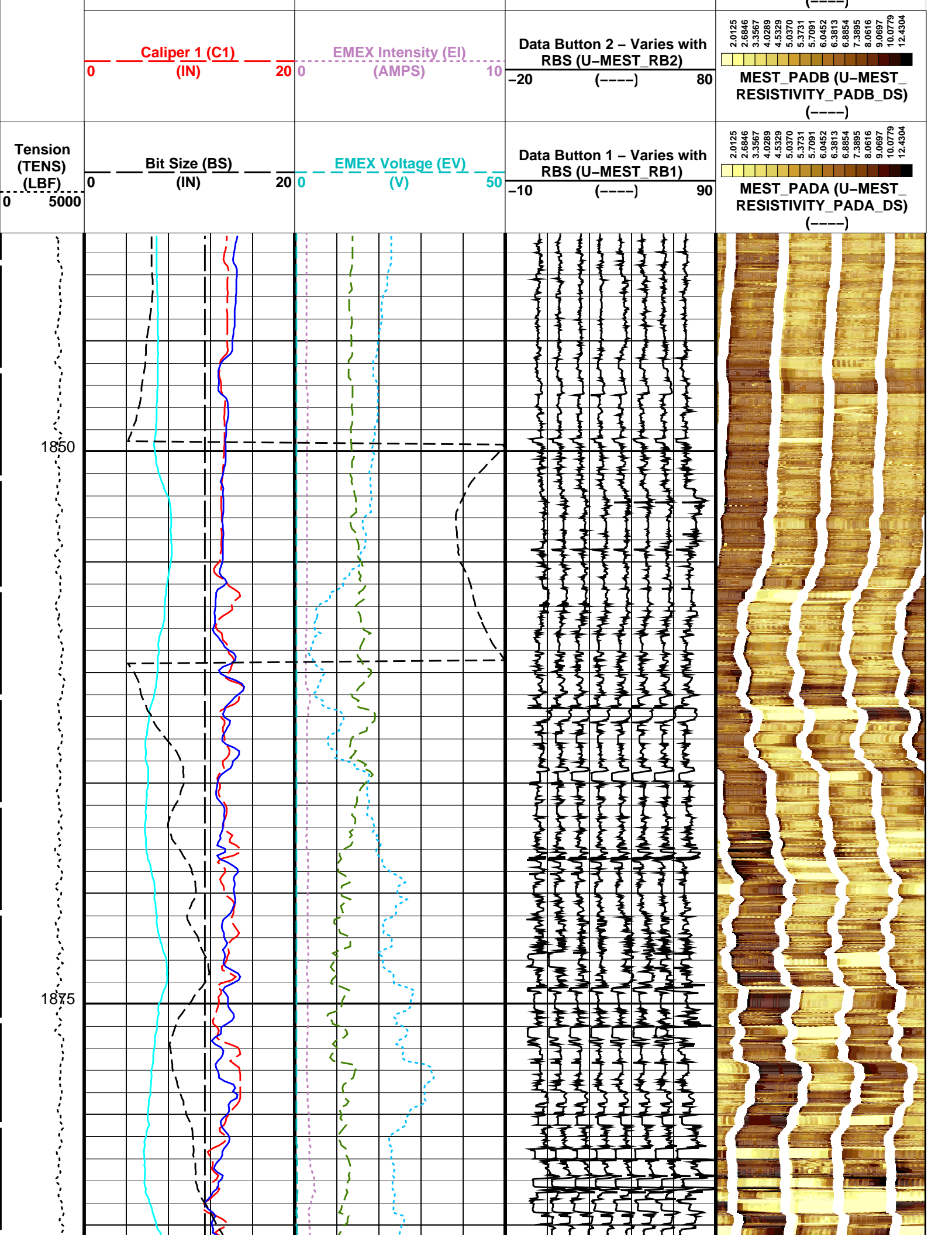
HNGB-BA: Hostile Natural Gamma Ray Sonde

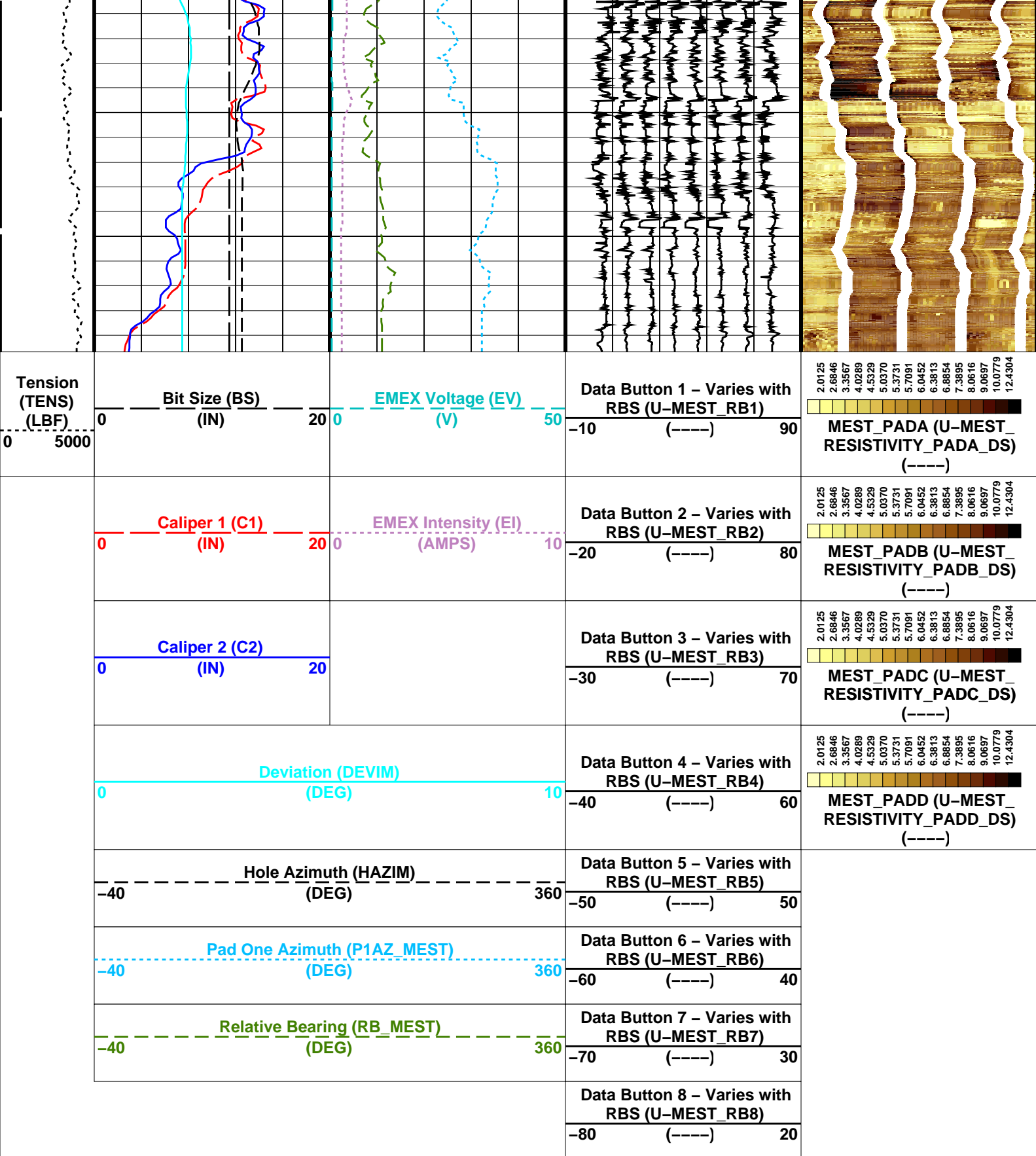
BHS	Borehole Status	OPEN	
System and Miscellaneous			
BS	Bit Size	11.438	IN

DO PP	Depth Offset for Playback Playback Processing			RECOMPUTE		0.0	M
Format: DSST_P_S_VDL_COLOR		Vertical Scale: 1:200		Graphics File Created: 25-Aug-2021 18:57			
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		DTC-H	19C0-187			
Input DLIS Files							
DEFAULT	FMS_DSI_NGS_027LUP	FN:33	PRODUCER	25-Aug-2021 17:42	1899.7 M	1840.1 M	
Output DLIS Files							
DEFAULT	FMS_DSI_NGS_034PUP	FN:42	PRODUCER	25-Aug-2021 18:57			
RTB	FMS_DSI_NGS_034PUP	FN:43	PRODUCER	25-Aug-2021 18:57			

Company: International Ocean Discovery Program				Well: Expedition 396, Site U1568A		
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_027LUP	FN:33	PRODUCER	25-Aug-2021 17:42	1899.7 M	1840.1 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_034PUP	FN:42	PRODUCER	25-Aug-2021 18:57	1899.7 M	1840.1 M
RTB	FMS_DSI_NGS_034PUP	FN:43	PRODUCER	25-Aug-2021 18:57	1899.7 M	1840.1 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	DTC-H	19C0-187			

PIP SUMMARY					
Time Mark Every 60 S					
		Data Button 8 – Varies with RBS (U-MEST_RB8)			
		-80 (----) 20			
<div> <div>Relative Bearing (RB_MEST)</div> <div>-40 (DEG) 360</div> </div>		Data Button 7 – Varies with RBS (U-MEST_RB7)			
		-70 (----) 30			
<div> <div>Pad One Azimuth (P1AZ_MEST)</div> <div>-40 (DEG) 360</div> </div>		Data Button 6 – Varies with RBS (U-MEST_RB6)			
		-60 (----) 40			
<div> <div>Hole Azimuth (HAZIM)</div> <div>-40 (DEG) 360</div> </div>		Data Button 5 – Varies with RBS (U-MEST_RB5)			
		-50 (----) 50			
<div> <div>Deviation (DEVIM)</div> <div>0 (DEG) 10</div> </div>		Data Button 4 – Varies with RBS (U-MEST_RB4)		<div> <div> <div>2.0125</div> <div>2.6846</div> <div>3.3567</div> <div>4.0289</div> <div>4.5329</div> <div>5.0370</div> <div>5.3731</div> <div>5.7091</div> <div>6.0452</div> <div>6.3813</div> <div>6.8854</div> <div>7.3895</div> <div>8.0616</div> <div>9.0697</div> <div>10.0779</div> <div>12.4304</div> </div> <div>MEST_PADD (U-MEST_RESISTIVITY_PADD_DS)</div> <div>(----)</div> </div>	
<div> <div>Caliper 2 (C2)</div> <div>0 (IN) 20</div> </div>		Data Button 3 – Varies with RBS (U-MEST_RB3)		<div> <div> <div>2.0125</div> <div>2.6846</div> <div>3.3567</div> <div>4.0289</div> <div>4.5329</div> <div>5.0370</div> <div>5.3731</div> <div>5.7091</div> <div>6.0452</div> <div>6.3813</div> <div>6.8854</div> <div>7.3895</div> <div>8.0616</div> <div>9.0697</div> <div>10.0779</div> <div>12.4304</div> </div> <div>MEST_PADC (U-MEST_RESISTIVITY_PADC_DS)</div> <div>(----)</div> </div>	
		-30 (----) 70			





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	0.767261 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
DO	Depth Offset for Playback	0.0
PP	Playback Processing	RECOMPUTE

Format: MEST_C_WRAP_BY_P1AZ

Vertical Scale: 1:200

Graphics File Created: 25-Aug-2021 18:57

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	DTC-H	19C0-187		

Input DLIS Files						
DEFAULT	FMS_DSI_NGS_027LUP	FN:33	PRODUCER	25-Aug-2021 17:42	1899.7 M	1840.1 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_034PUP	FN:42	PRODUCER	25-Aug-2021 18:57		
RTB	FMS_DSI_NGS_034PUP	FN:43	PRODUCER	25-Aug-2021 18:57		

Schlumberger

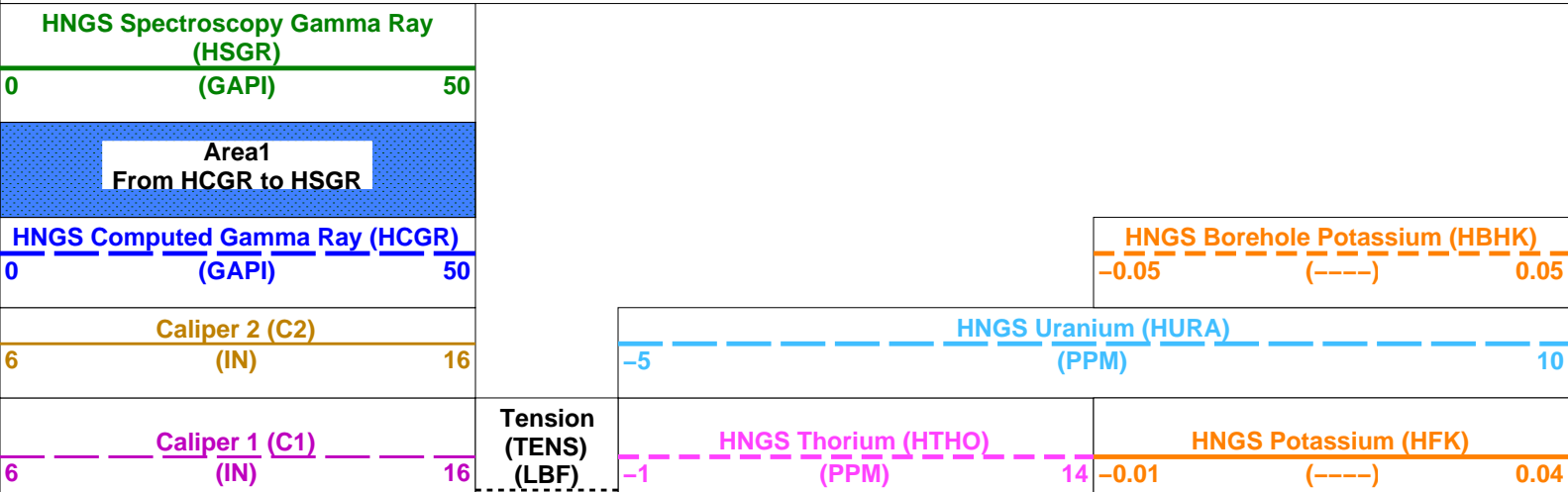
Second Pass

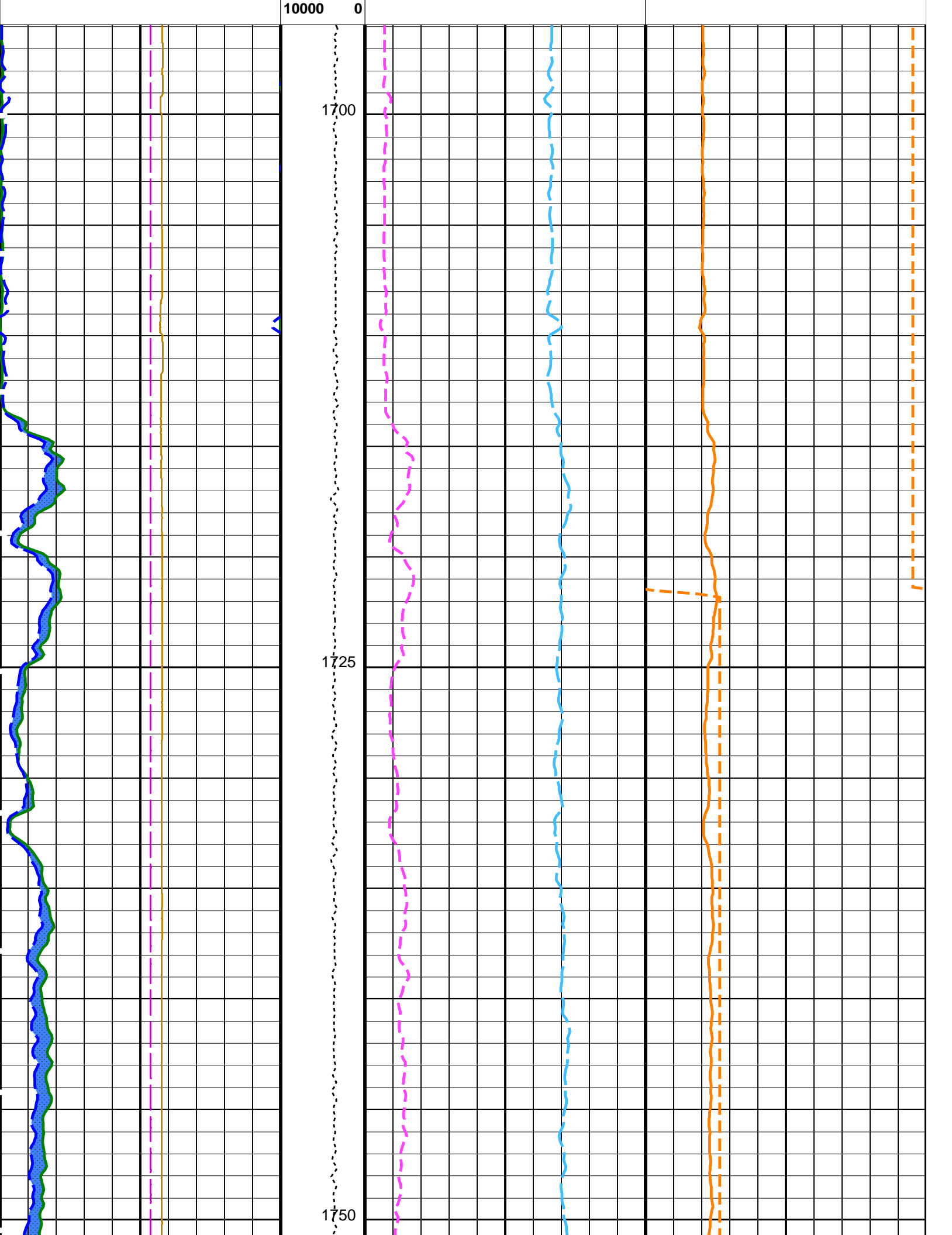
MAXIS Field Log

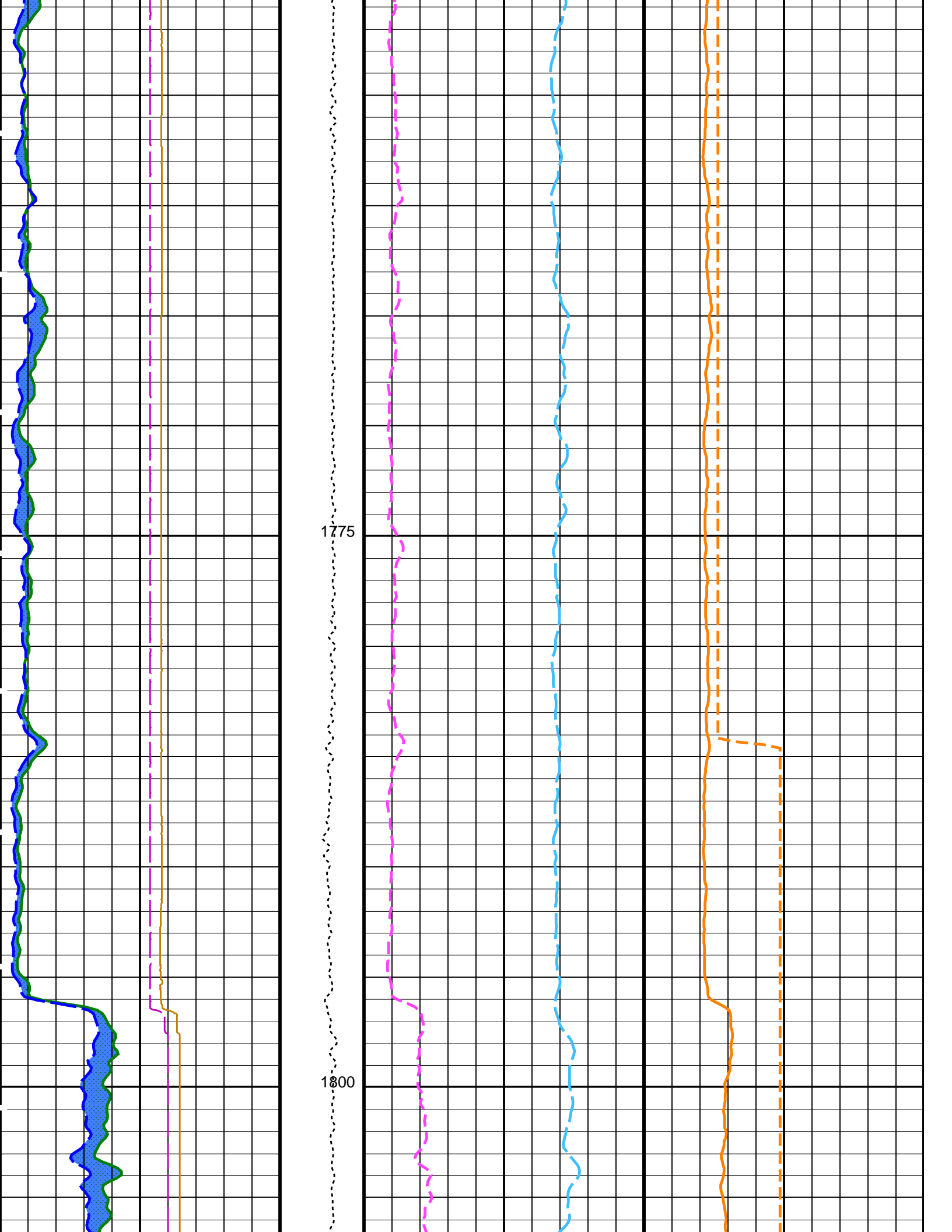
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_028LUP	FN:35	PRODUCER	25-Aug-2021 18:02	1899.7 M	1696.2 M
RTB	FMS_DSI_NGS_028LUP	FN:36	PRODUCER	25-Aug-2021 18:02	1899.7 M	1696.2 M

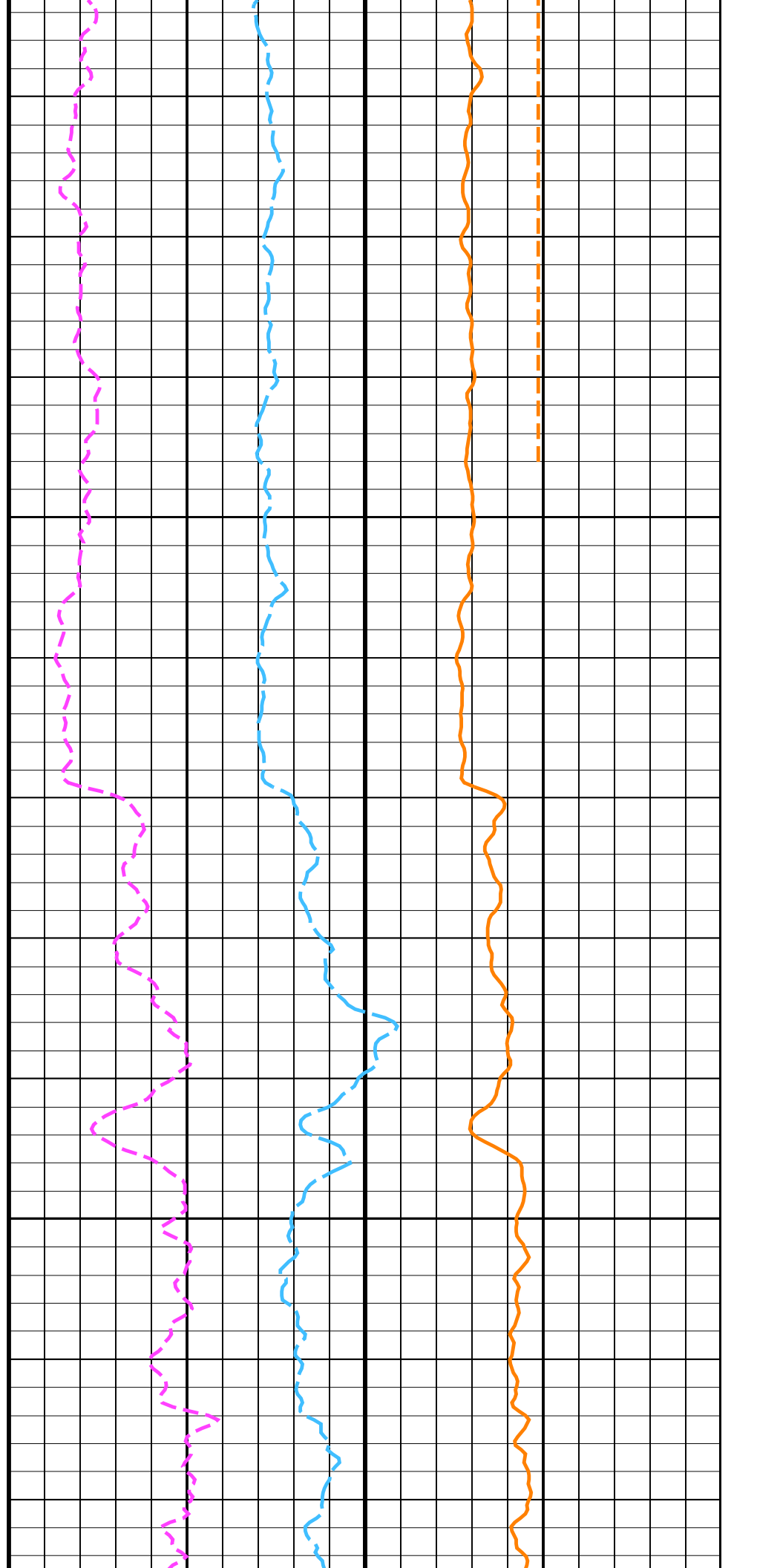
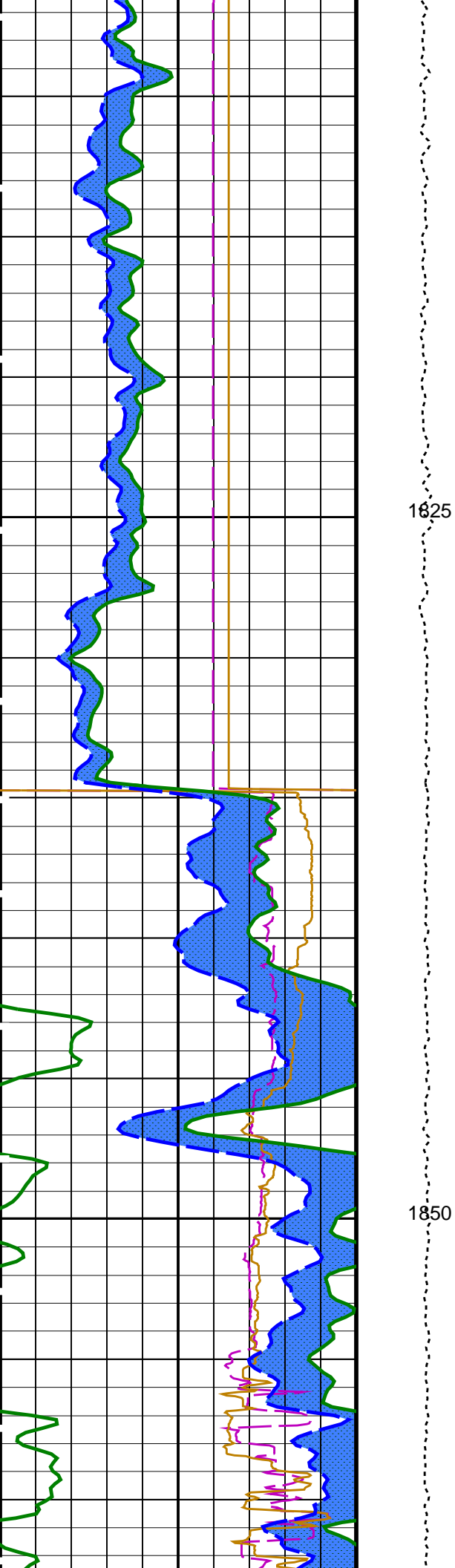
OP System Version: 19C0-187					
MEST-B	19C0-187	DTA-A	19C0-187		
DSST-B	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	DTC-H	19C0-187		

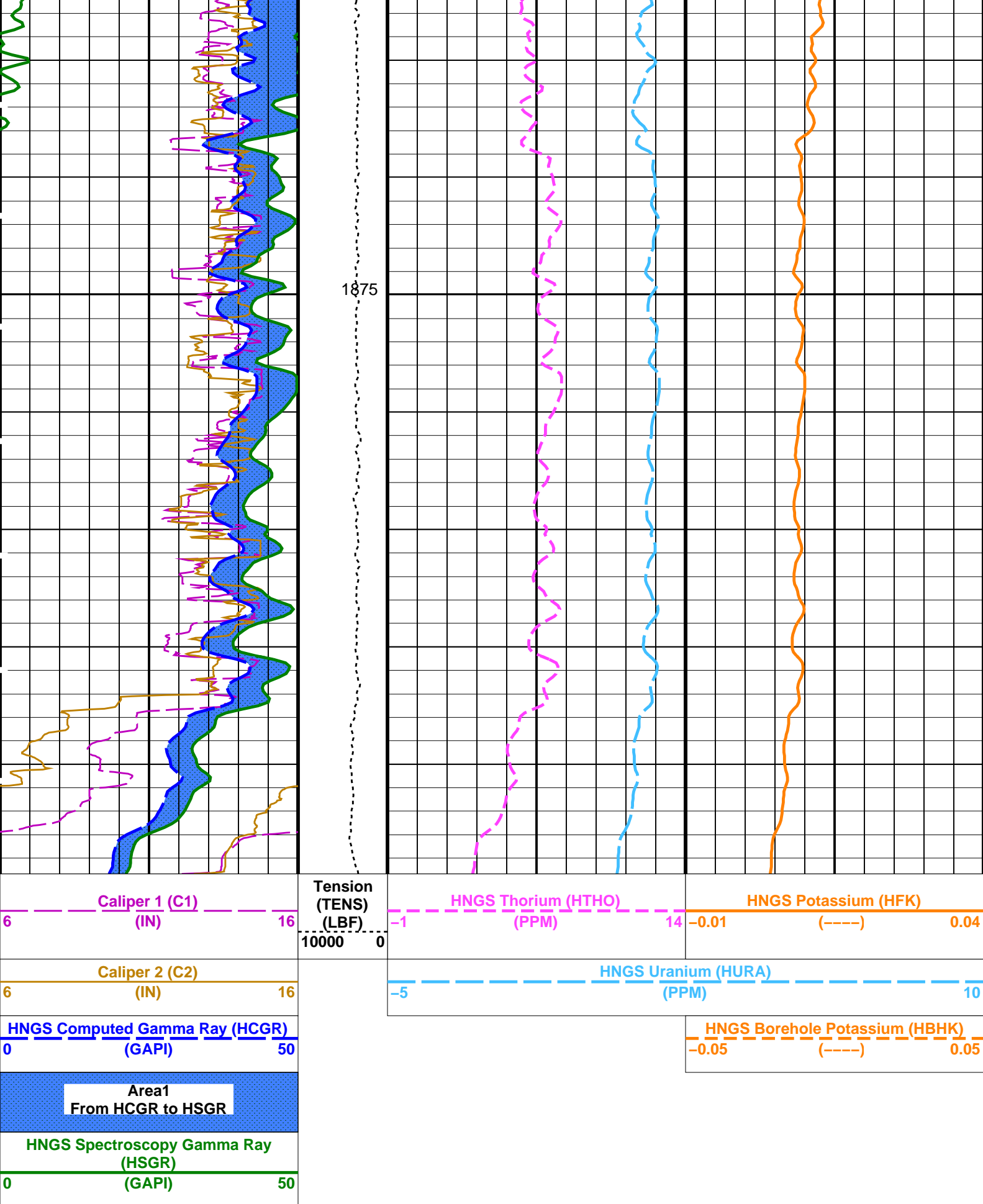
PIP SUMMARY	
	Time Mark Every 60 S











PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
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	-0.00323224	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	CENT	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.925686	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.04414	
System and Miscellaneous			
BS	Bit Size	11.438	IN
DFD	Drilling Fluid Density	1.26	G/C3

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 25-Aug-2021 18:02

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	DTC-H	19C0-187

Output DLIS Files

DEFAULT	FMS_DSI_NGS_028LUP	FN:35	PRODUCER	25-Aug-2021 18:02
RTB	FMS_DSI_NGS_028LUP	FN:36	PRODUCER	25-Aug-2021 18:02

Output DLIS Files

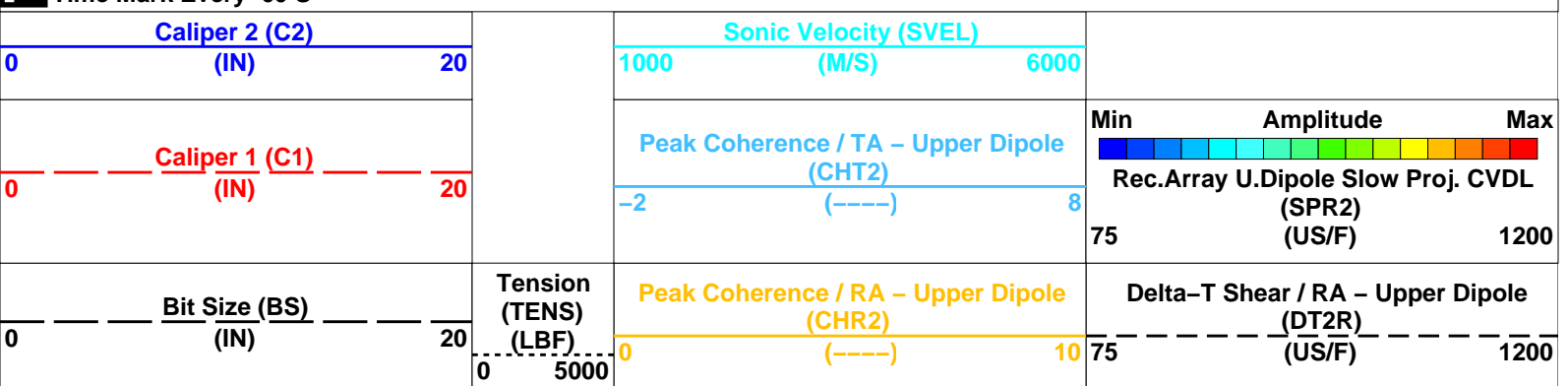
DEFAULT	FMS_DSI_NGS_028LUP	FN:35	PRODUCER	25-Aug-2021 18:02	1899.7 M	1696.2 M
RTB	FMS_DSI_NGS_028LUP	FN:36	PRODUCER	25-Aug-2021 18:02	1899.7 M	1696.2 M

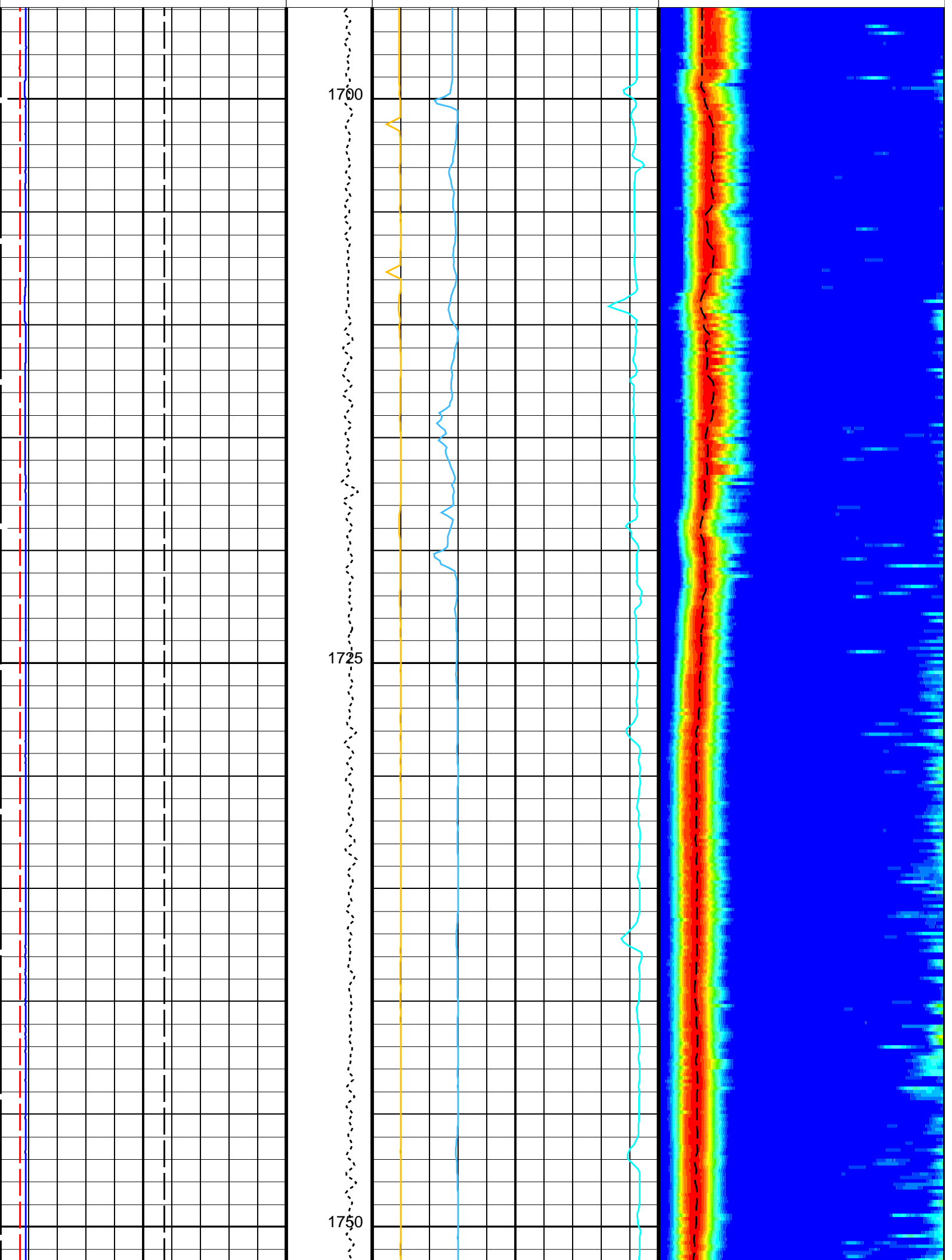
OP System Version: 19C0-187

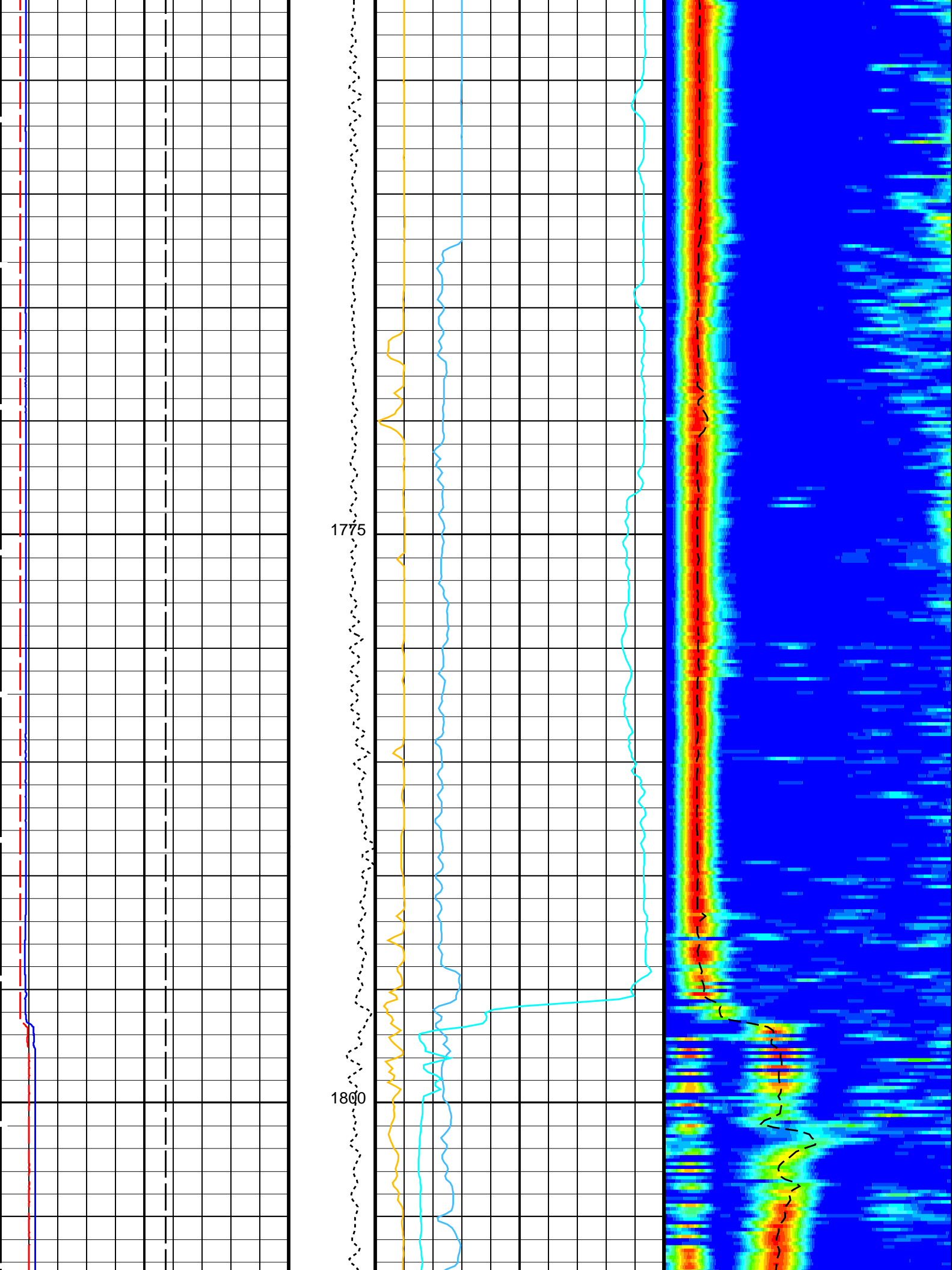
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

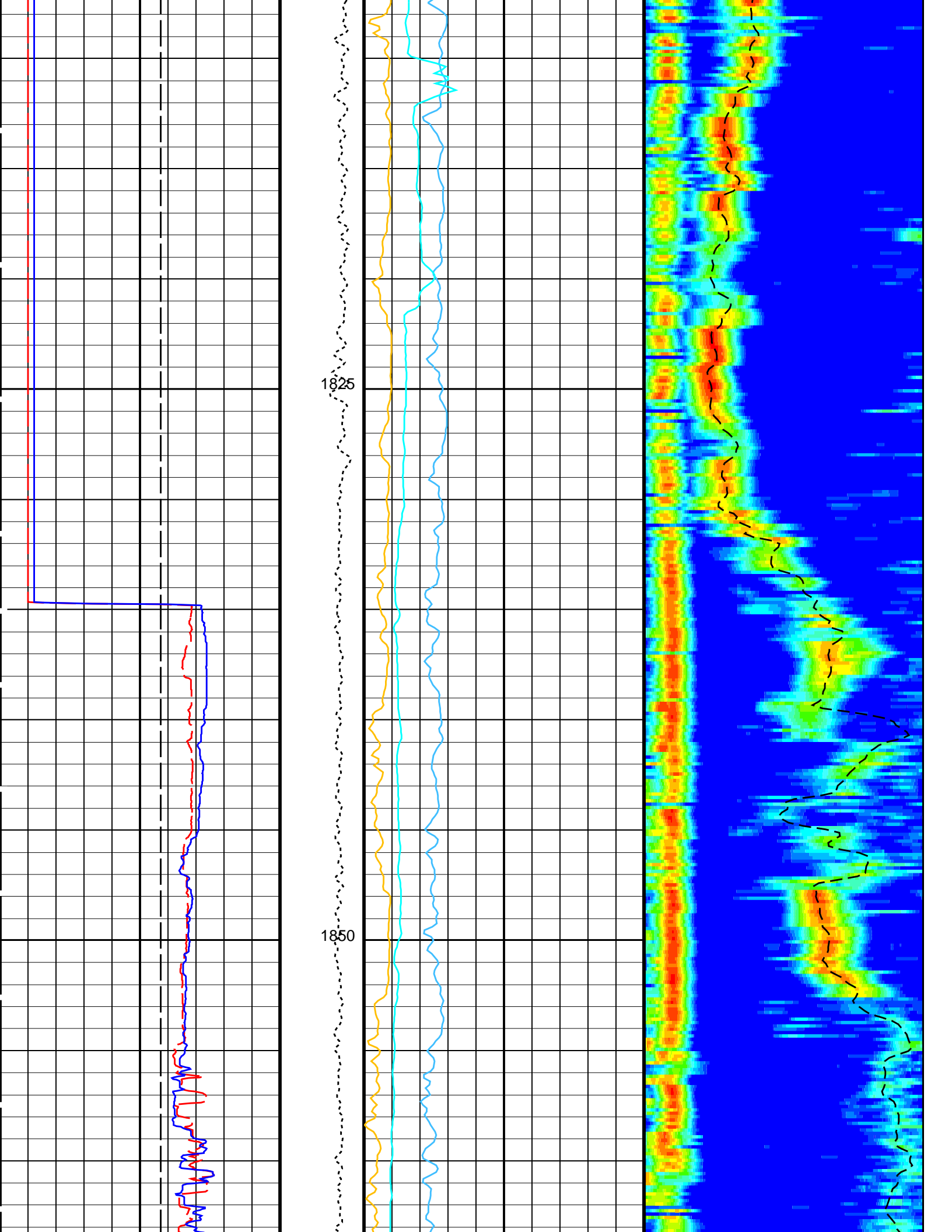
PIP SUMMARY

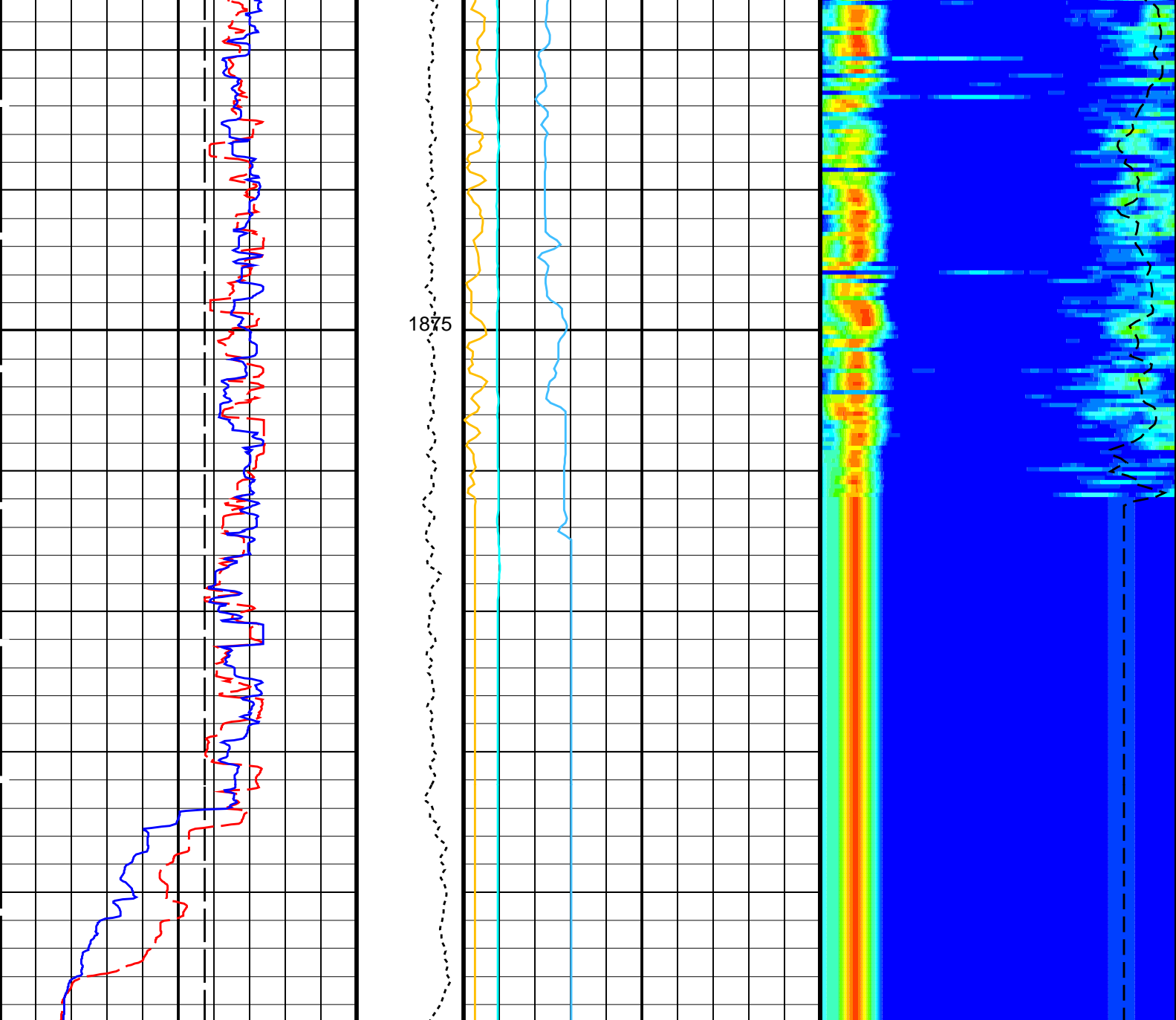
Time Mark Every 60 S











<div>Bit Size (BS)</div> <div>(IN)</div> <div>020</div>		<div>Tension (TENS)</div> <div>(LBF)</div> <div>05000</div>	<div>Peak Coherence / RA – Upper Dipole</div> <div>(CHR2)</div> <div>(-----)</div> <div>010</div>	<div>Delta-T Shear / RA – Upper Dipole</div> <div>(DT2R)</div> <div>(US/F)</div> <div>751200</div>
<div>Caliper 1 (C1)</div> <div>(IN)</div> <div>020</div>			<div>Peak Coherence / TA – Upper Dipole</div> <div>(CHT2)</div> <div>(-----)</div> <div>-28</div>	<div>MinAmplitudeMax</div> <div>Rec.Array U.Dipole Slow Proj. CVDL</div> <div>(SPR2)</div> <div>(US/F)</div> <div>751200</div>
<div>Caliper 2 (C2)</div> <div>(IN)</div> <div>020</div>			<div>Sonic Velocity (SVEL)</div> <div>(M/S)</div> <div>10006000</div>	

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	200	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
DTC5	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	B1–2K	
SLL2	STC Slowness Lower Limit – Upper Dipole	40	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	1400	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	20440	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	11.438	IN

Format: DSST_UPPER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25-Aug-2021 18:02

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	DTC–H	19C0–187

Output DLIS Files

DEFAULT	FMS_DSI_NGS_028LUP	FN:35	PRODUCER	25-Aug-2021 18:02
RTB	FMS_DSI_NGS_028LUP	FN:36	PRODUCER	25-Aug-2021 18:02

Output DLIS Files

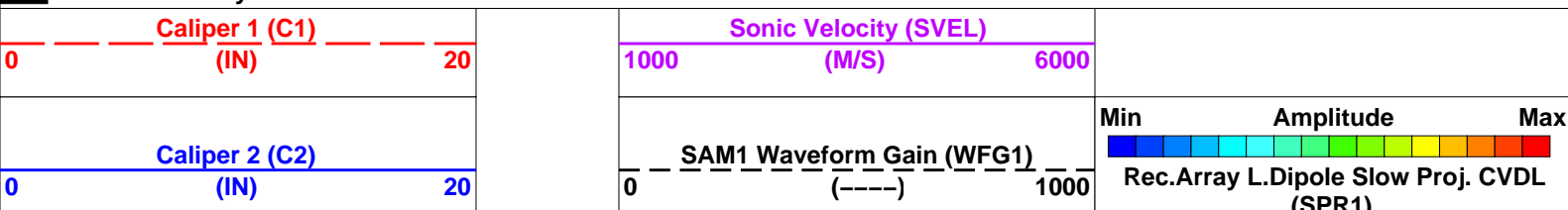
DEFAULT	FMS_DSI_NGS_028LUP	FN:35	PRODUCER	25-Aug-2021 18:02	1899.7 M	1696.2 M
RTB	FMS_DSI_NGS_028LUP	FN:36	PRODUCER	25-Aug-2021 18:02	1899.7 M	1696.2 M

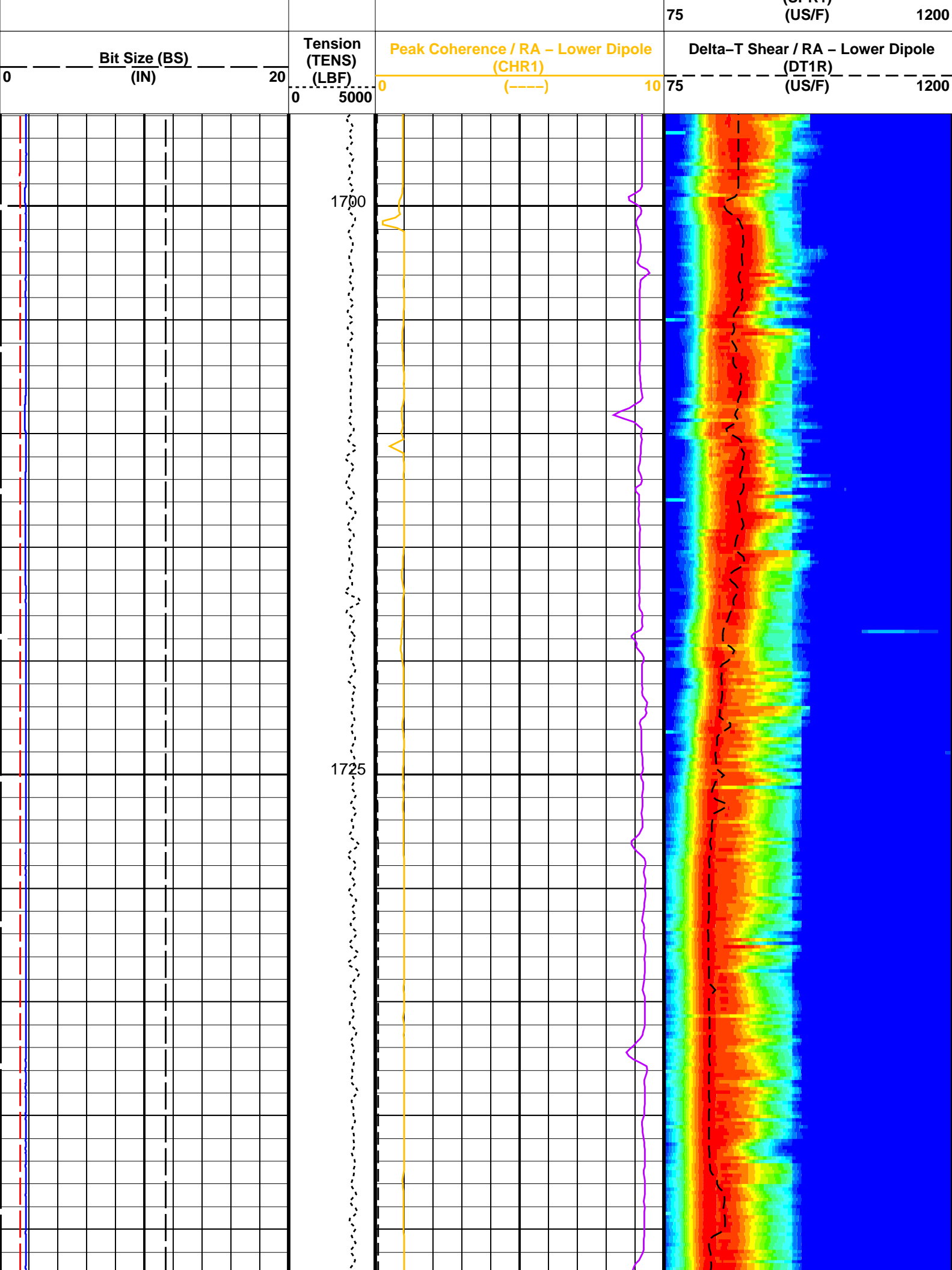
OP System Version: 19C0–187

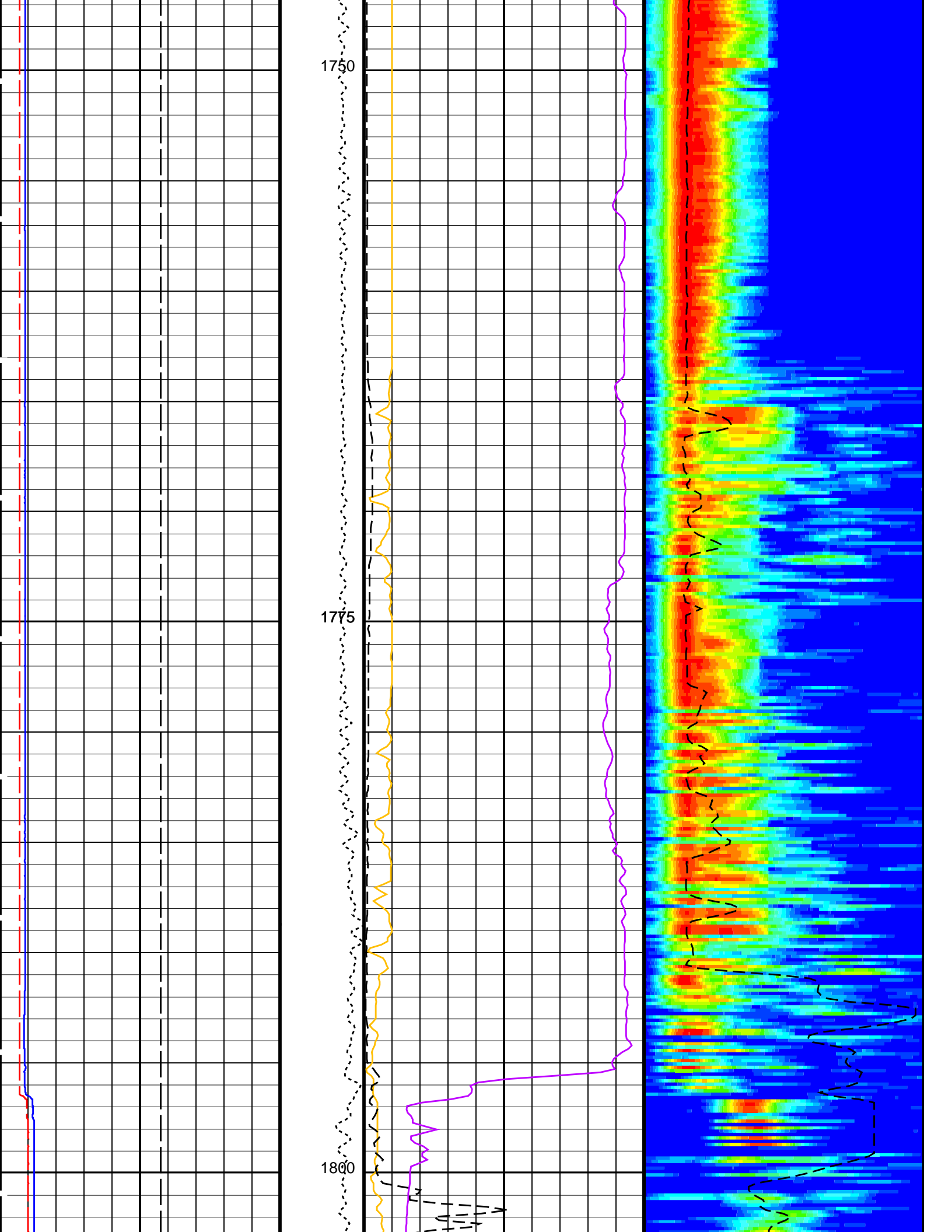
MEST–B	19C0–187	DTA–A	19C0–187
DSST–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	DTC–H	19C0–187

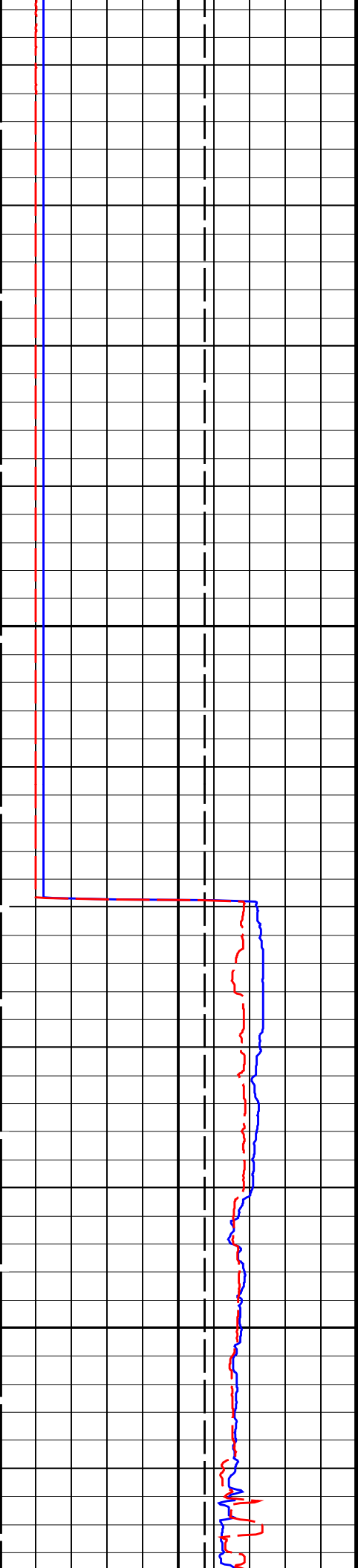
PIP SUMMARY

 Time Mark Every 60 S



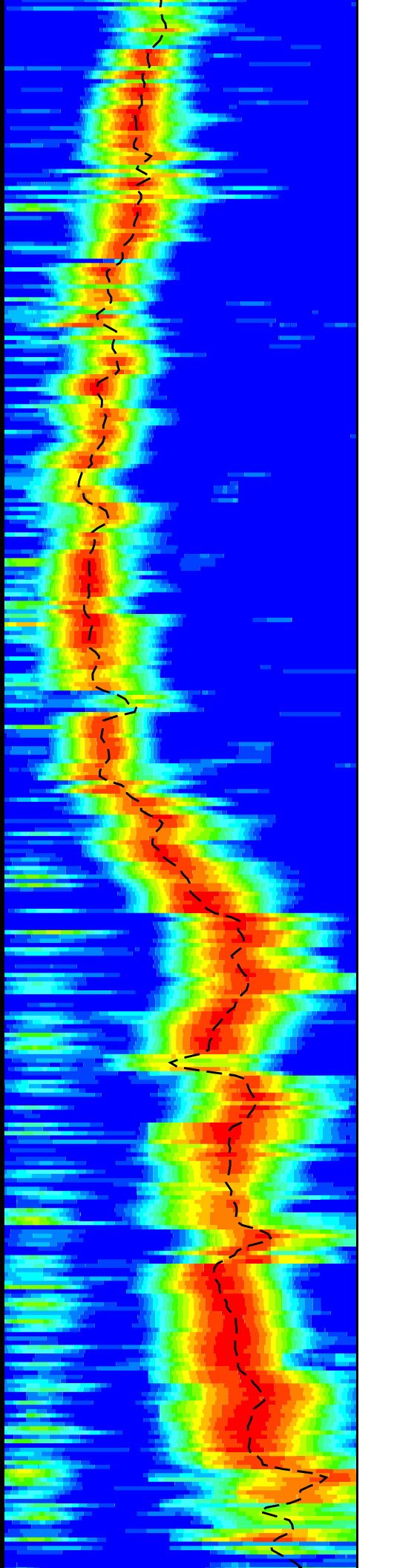
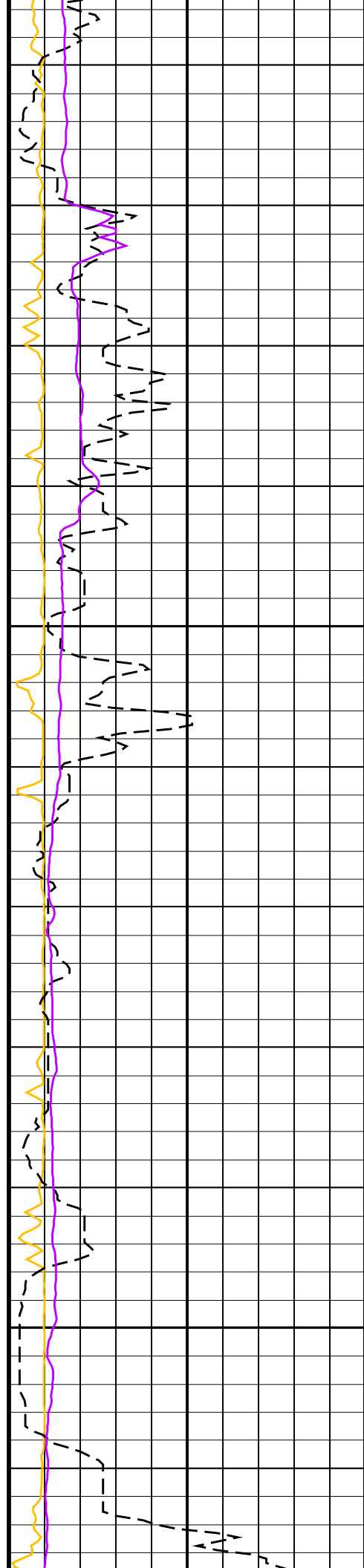


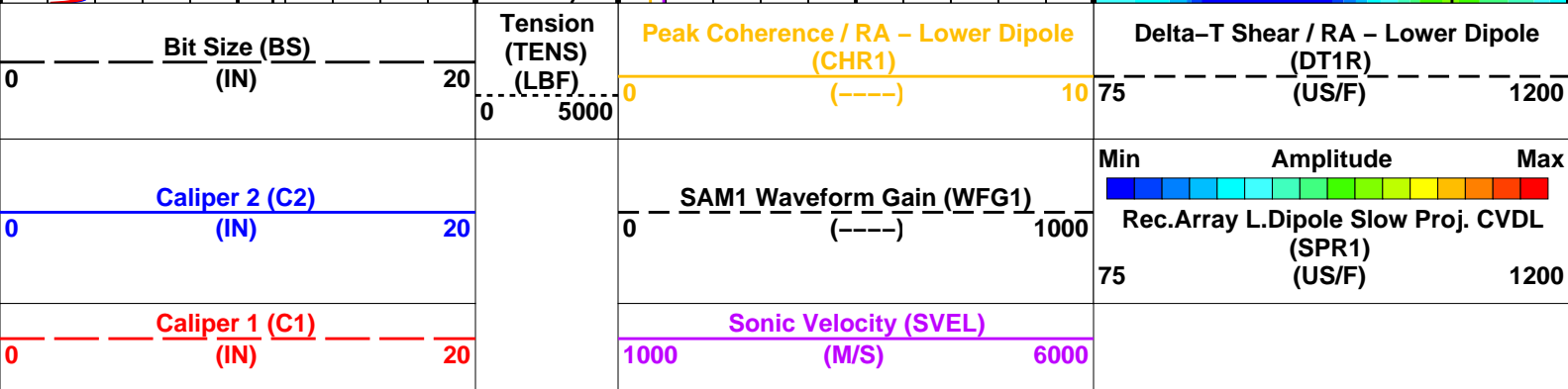
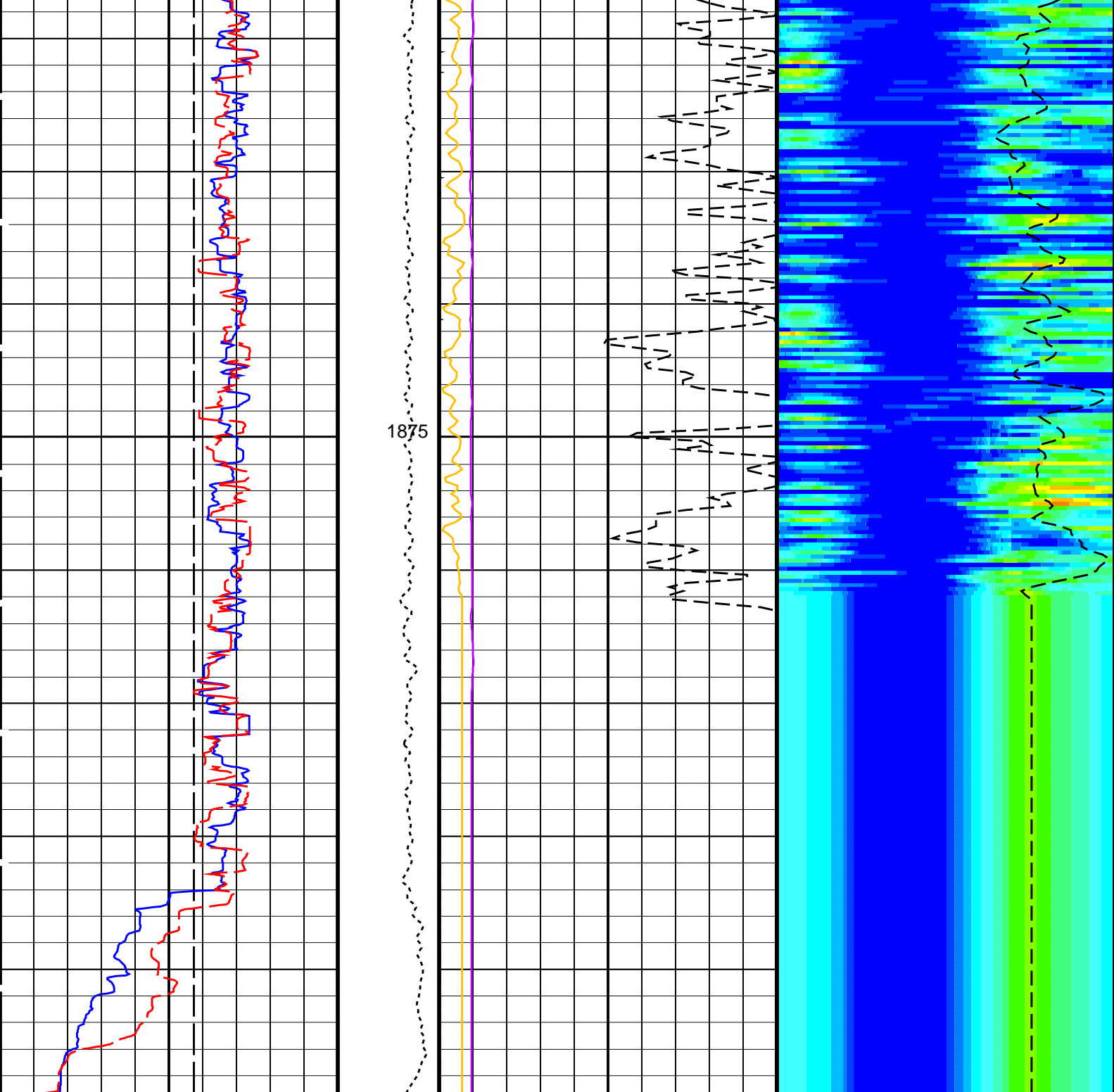




1825

1850





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	200	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
NW11	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	40	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	1400	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

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25–Aug–2021 18:02

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	DTC–H	19C0–187

Output DLIS Files

DEFAULT	FMS_DSI_NGS_028LUP	FN:35	PRODUCER	25–Aug–2021 18:02
RTB	FMS_DSI_NGS_028LUP	FN:36	PRODUCER	25–Aug–2021 18:02

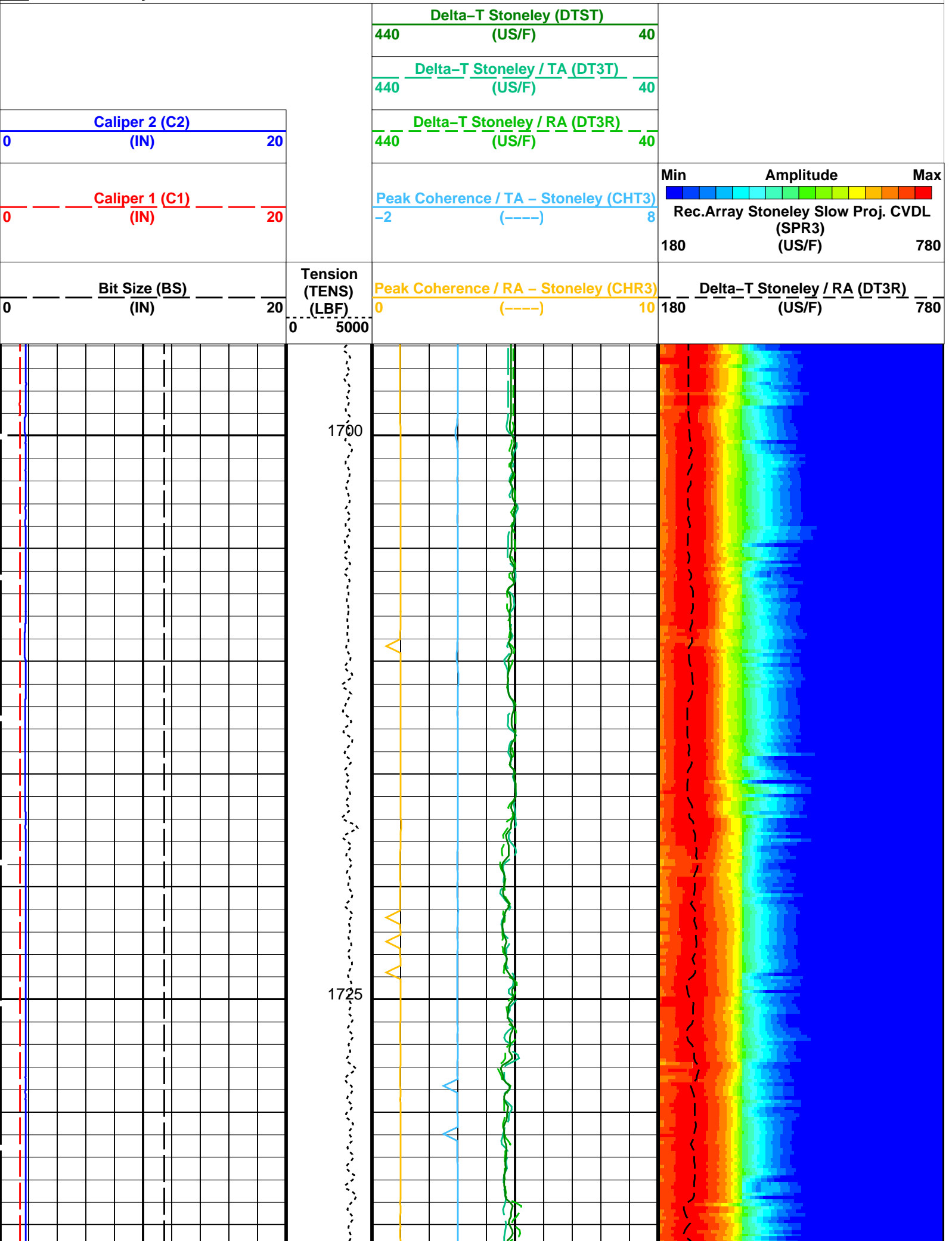
Company: International Ocean Discovery Program Well: Expedition 396, Site U1568A

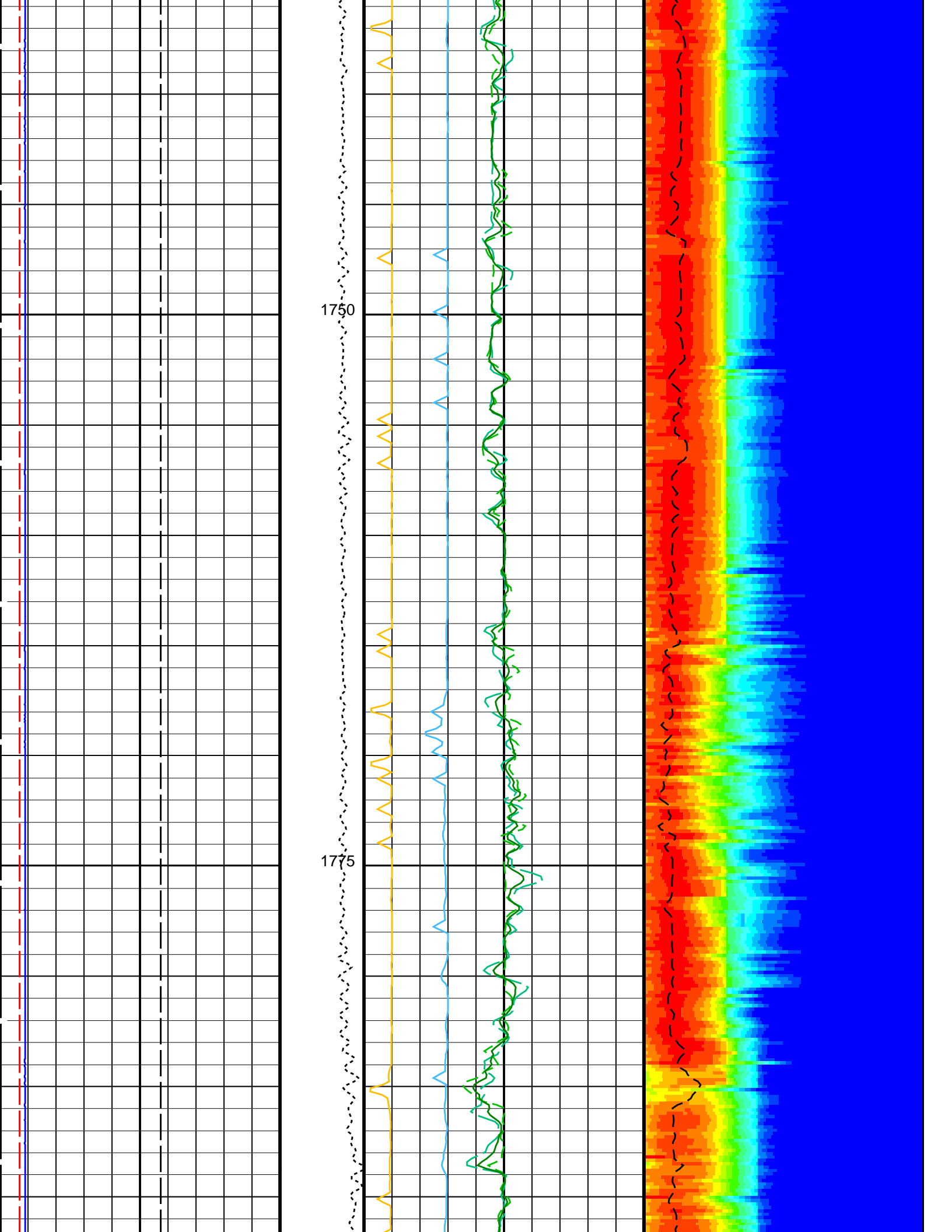
Output DLIS Files

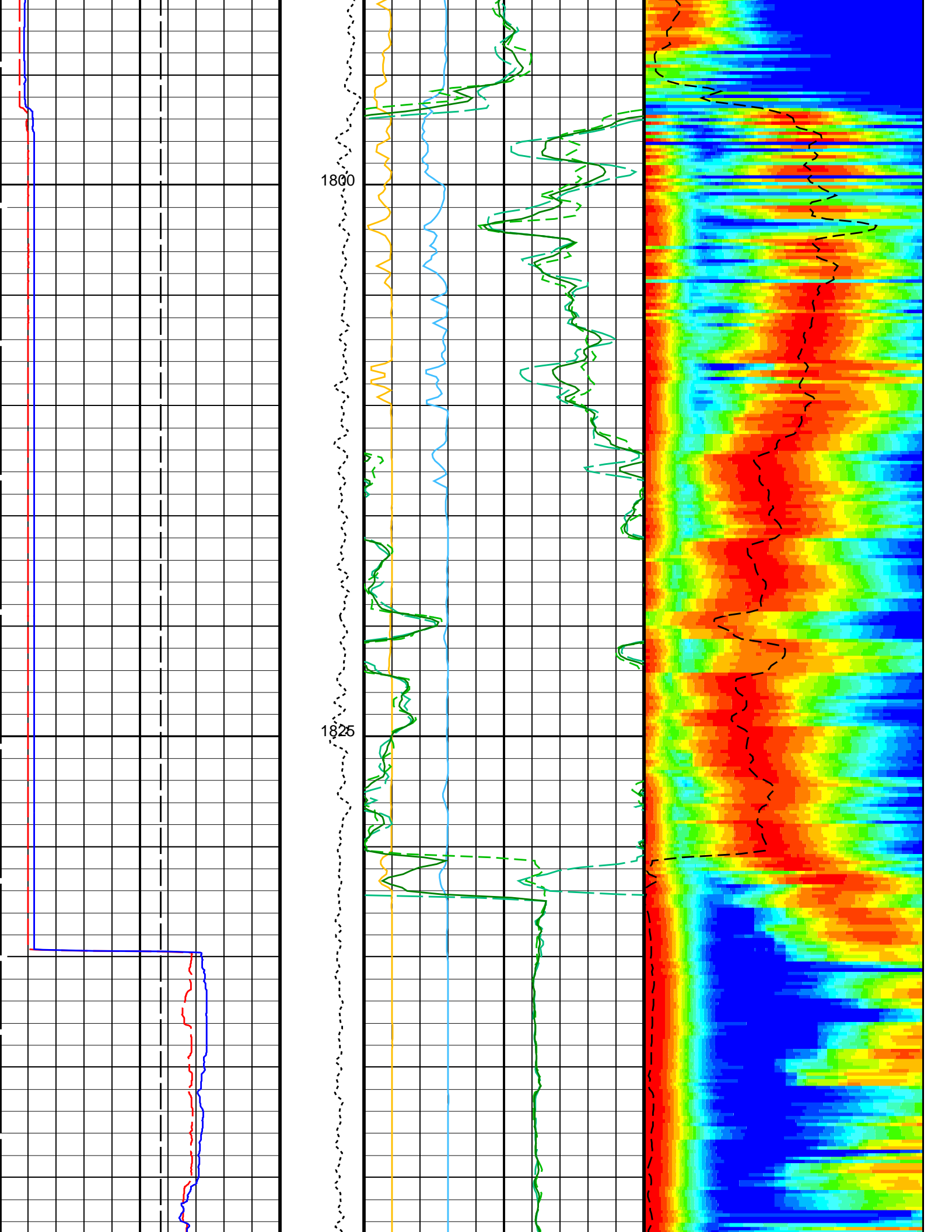
DEFAULT	FMS_DSI_NGS_028LUP	FN:35	PRODUCER	25–Aug–2021 18:02	1899.7 M	1696.2 M
RTB	FMS_DSI_NGS_028LUP	FN:36	PRODUCER	25–Aug–2021 18:02	1899.7 M	1696.2 M

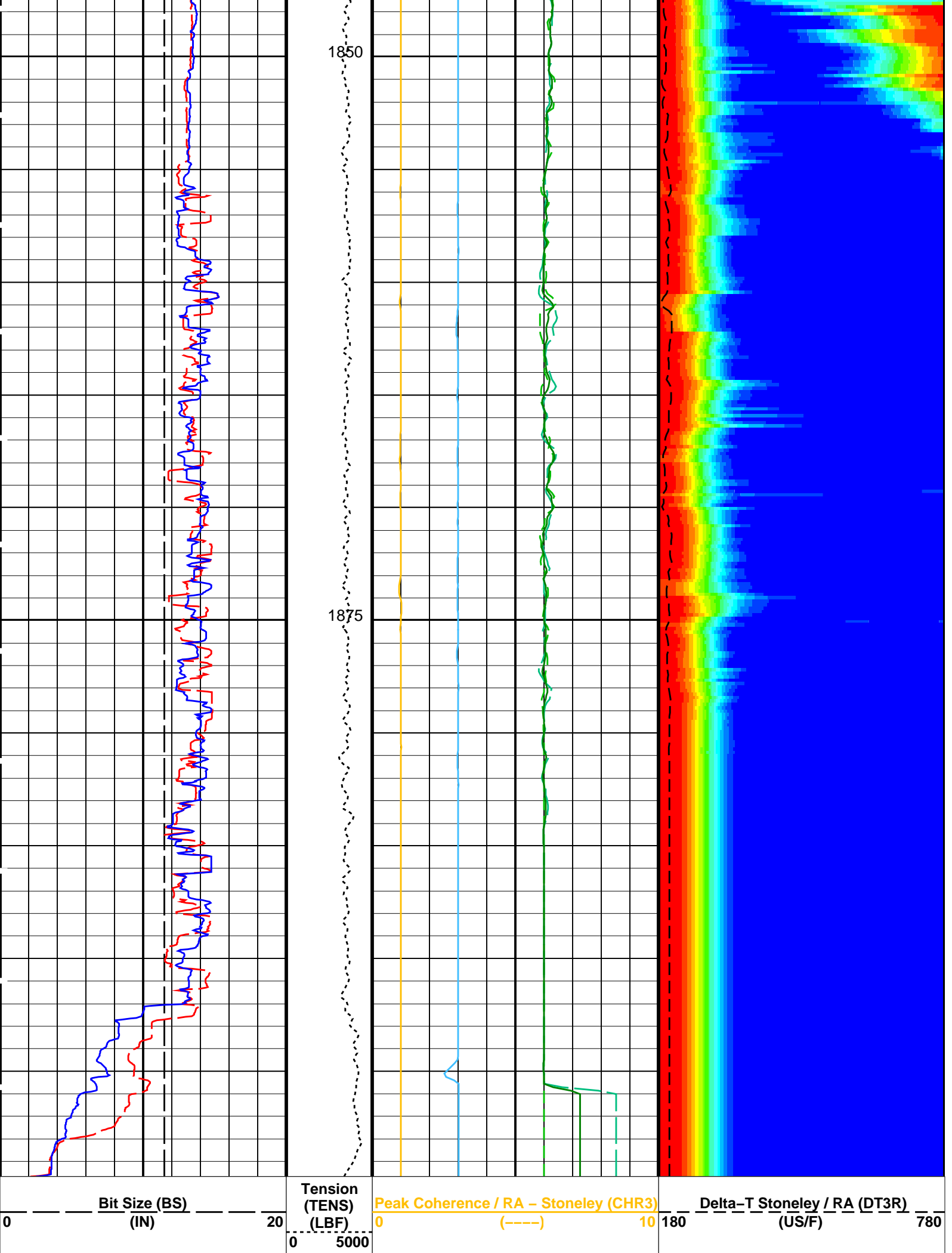
OP System Version: 19C0–187

MEST–B	19C0–187	DTA–A	19C0–187
DSST–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	DTC–H	19C0–187









<div> <div>Caliper 1 (C1)</div> <div>(IN)</div> <div>20</div> </div>		<div> <div>Peak Coherence / TA – Stoneley (CHT3)</div> <div>(----)</div> <div>8</div> </div>		<div> <div>Min</div> <div>Amplitude</div> <div>Max</div> </div>
<div> <div>Caliper 2 (C2)</div> <div>(IN)</div> <div>20</div> </div>		<div> <div>Delta-T Stoneley / RA (DT3R)</div> <div>(US/F)</div> <div>40</div> </div>		<div> <div>Rec.Array Stoneley Slow Proj. CVDL</div> <div>(SPR3)</div> <div>(US/F)</div> <div>180</div> <div>780</div> </div>
		<div> <div>Delta-T Stoneley / TA (DT3T)</div> <div>(US/F)</div> <div>40</div> </div>		
		<div> <div>Delta-T Stoneley (DTST)</div> <div>(US/F)</div> <div>40</div> </div>		

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	ODD	
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	180	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

Format: DSST_STONELEY_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25-Aug-2021 18:02

OP System Version: 19C0-187

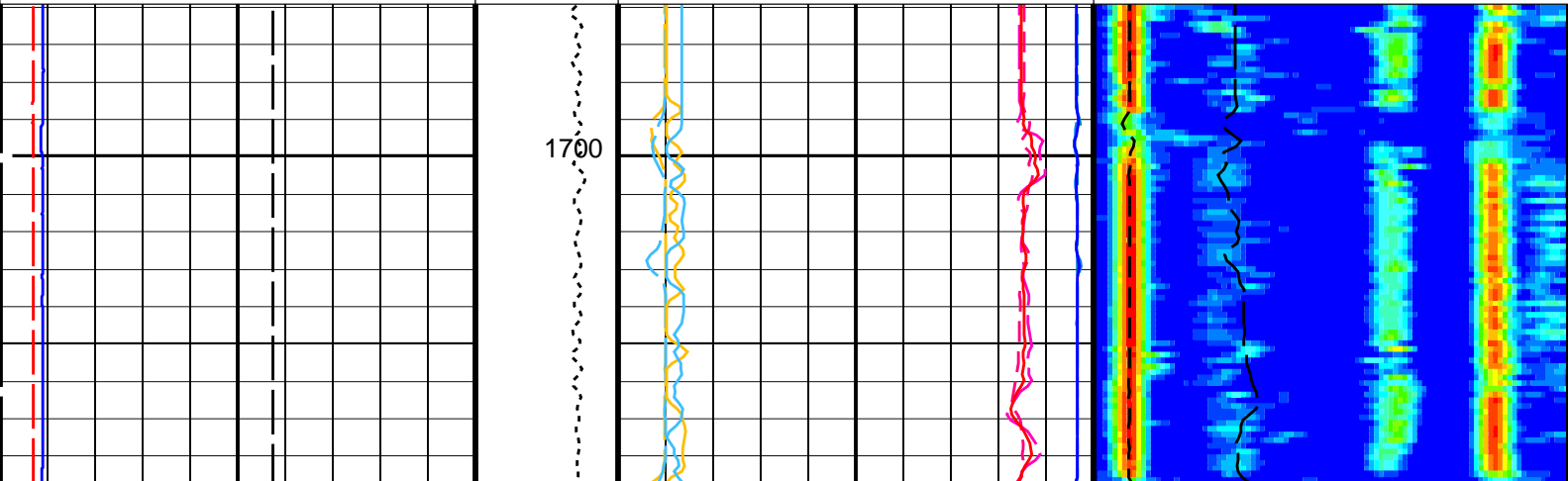
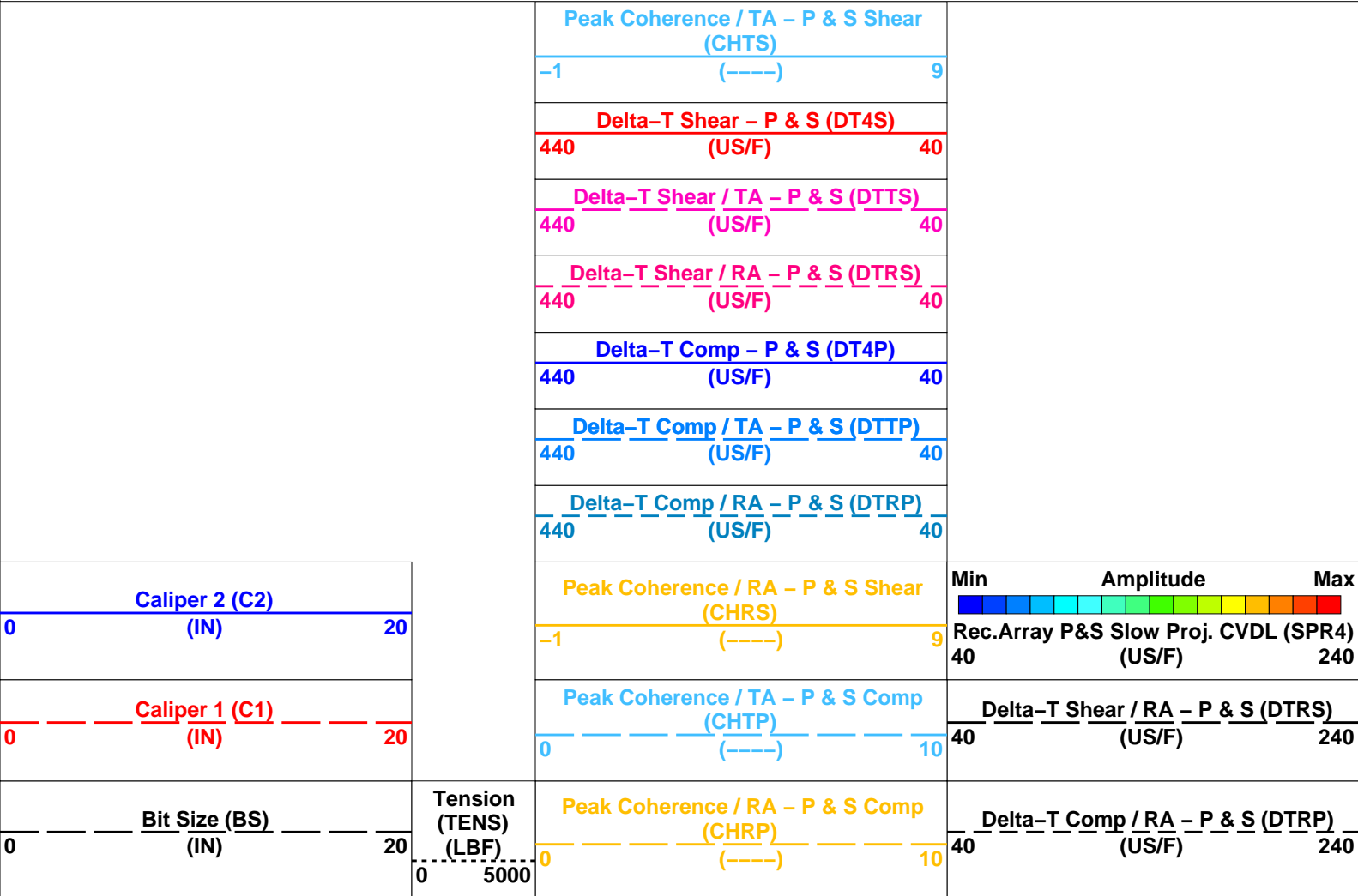
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

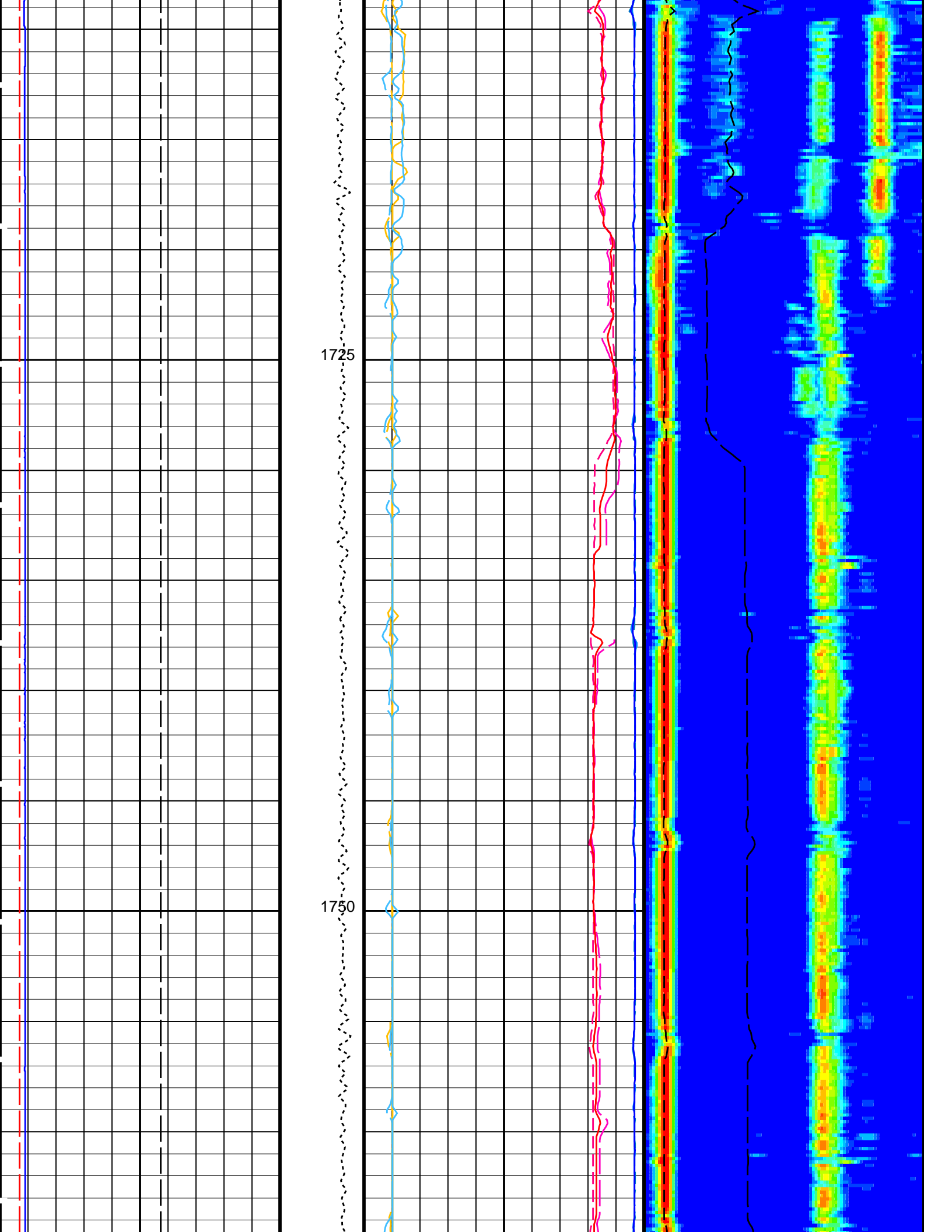
Output DLIS Files

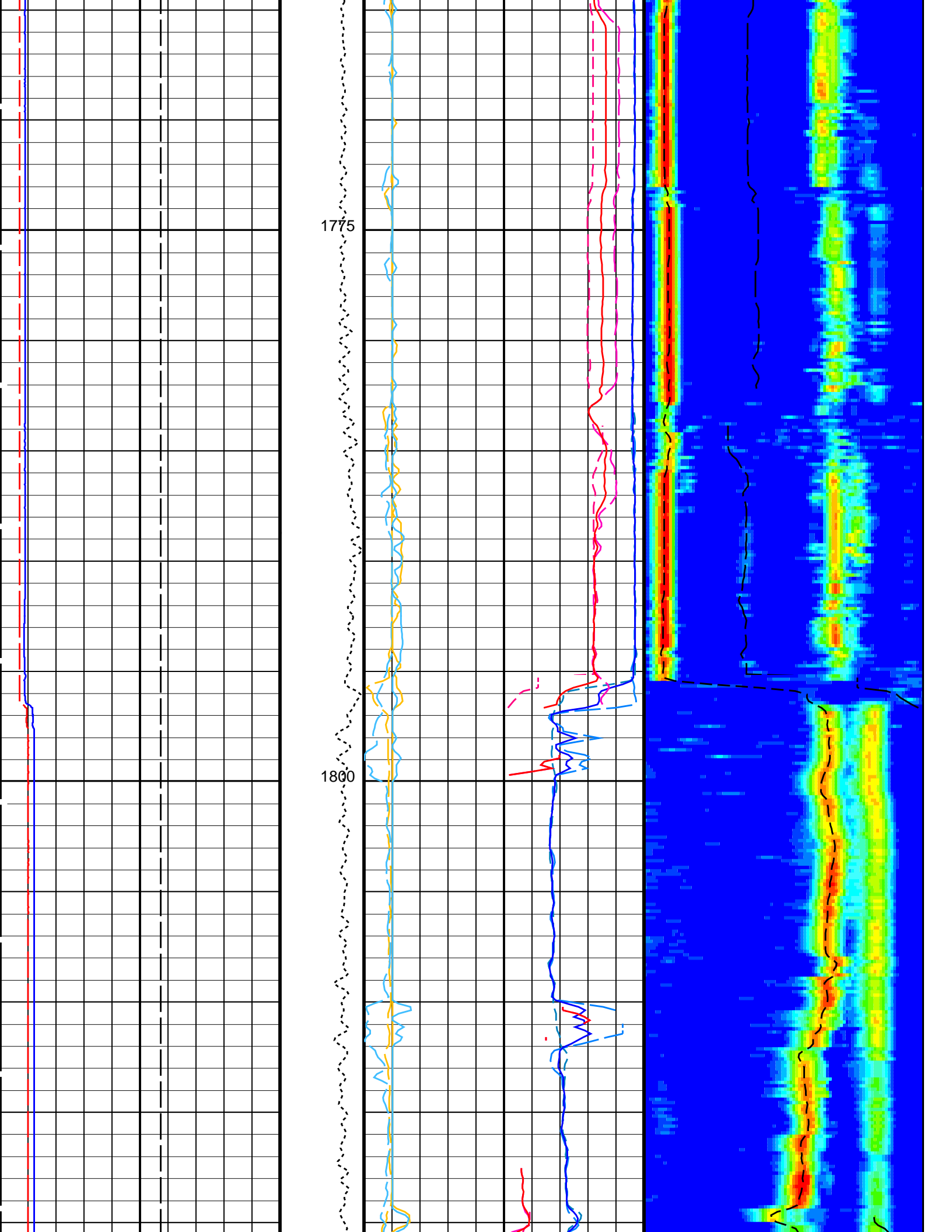
DEFAULT	FMS_DSI_NGS_028LUP	FN:35	PRODUCER	25-Aug-2021 18:02
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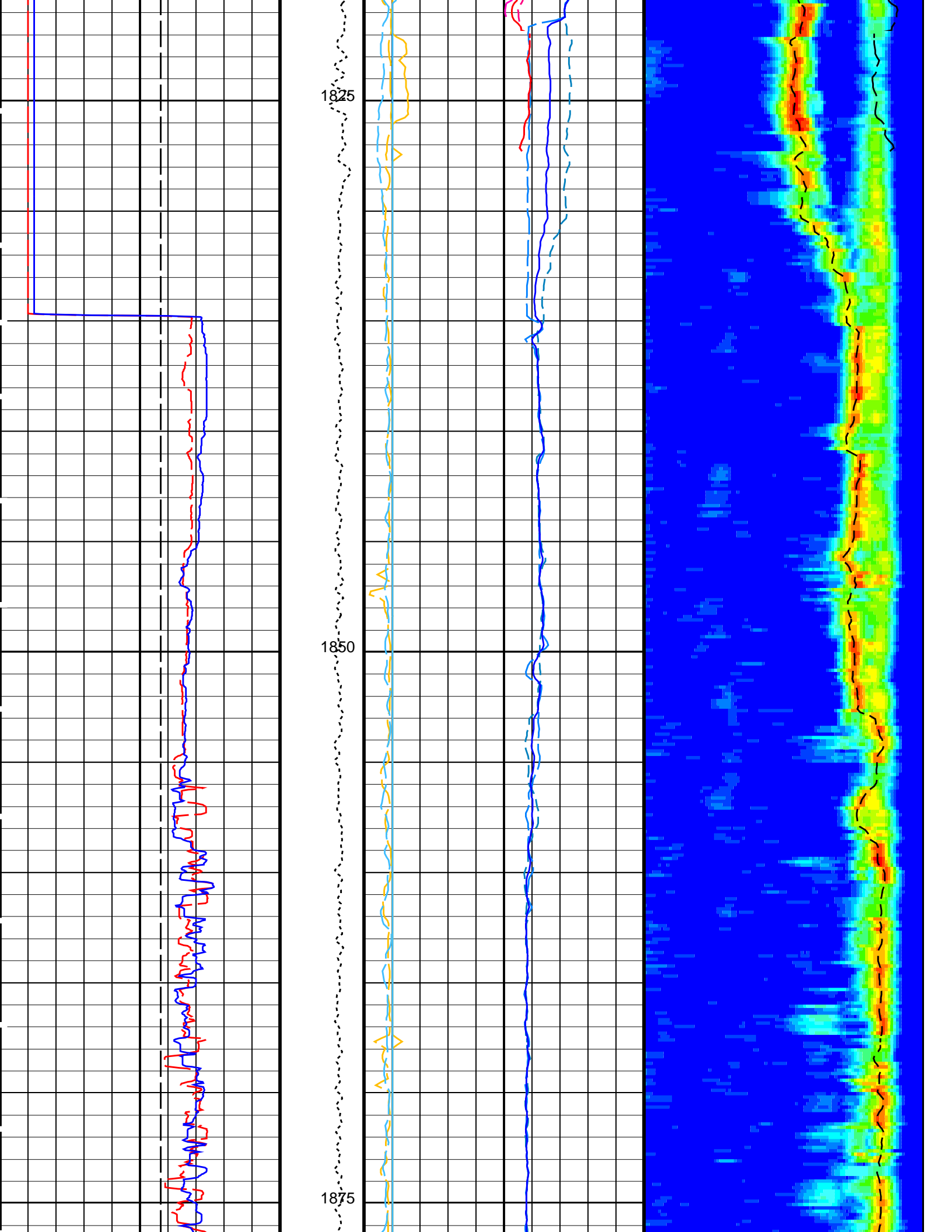
Company: International Ocean Discovery Program				Well: Expedition 396, Site U1568A			
Output DLIS Files							
DEFAULT	FMS_DSI_NGS_028LUP	FN:35	PRODUCER	25-Aug-2021 18:02	1899.7 M	1696.2 M	
RTB	FMS_DSI_NGS_028LUP	FN:36	PRODUCER	25-Aug-2021 18:02	1899.7 M	1696.2 M	
OP System Version: 19C0-187							
MEST-B	19C0-187	DTA-A		19C0-187			
DSST-B	19C0-187	HNGC-B		19C0-187			
HNGS-BA	19C0-187	DTC-H		19C0-187			

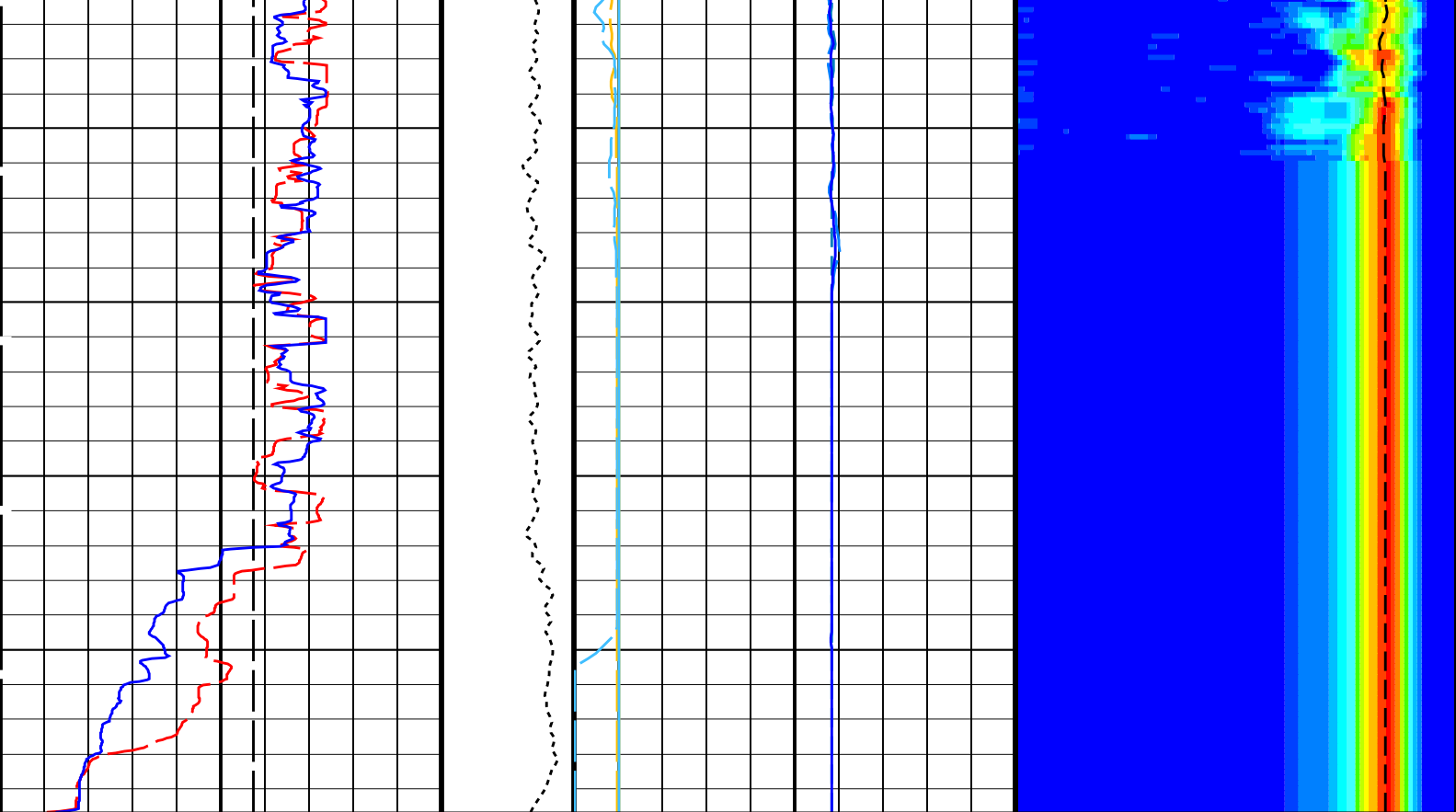
PIP SUMMARY	
Time Mark Every 60 S	











Bit Size (BS) (IN)		Tension (TENS) (LBF)		Peak Coherence / RA - P & S Comp (CHRP) (-----)		Delta-T Comp / RA - P & S (DTRP) (US/F)	
0		5000		0		40	
20				10		240	
Caliper 1 (C1) (IN)				Peak Coherence / TA - P & S Comp (CHTP) (-----)		Delta-T Shear / RA - P & S (DTRS) (US/F)	
0				0		40	
20				10		240	
Caliper 2 (C2) (IN)				Peak Coherence / RA - P & S Shear (CHRS) (-----)		Min	
0				-1		Amplitude	
20				9		Max	
				Delta-T Comp / RA - P & S (DTRP) (US/F)		Rec.Array P&S Slow Proj. CVDL (SPR4) (US/F)	
				440		40	
				Delta-T Comp / TA - P & S (DTTP) (US/F)			
				440			
				Delta-T Comp - P & S (DT4P) (US/F)			
				440			
				Delta-T Shear / RA - P & S (DTRS) (US/F)			
				440			
				Delta-T Shear / TA - P & S (DTTS) (US/F)			
				440			
				Delta-T Shear - P & S (DT4S) (US/F)			
				440			
				Peak Coherence / TA - P & S Shear (CHTS) (-----)			
				-1			
				9			

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name Description Value

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	220	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	212	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	COMP_FIRST	
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	EVEN	
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	70	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	180	US/F
STUL		Label Slowness Upper Limit - Monopole Stoneley	780	US/F
SUL4		STC Slowness Upper Limit - Monopole P&S	240	US/F
SWD4		STC Slowness Width - Monopole P&S	10	US/F
TBF4		STC Time for Baseline Fill - Monopole P&S	300	US
TLL4		STC Time Lower Limit - Monopole P&S	150	US
TST4		STC Time Step - Monopole P&S	50	US
TUL4		STC Time Upper Limit - Monopole P&S	3660	US
TWD4		STC Time Width - Monopole P&S	1000	US
TWI4		STC Integration Time Window - Monopole P&S	500	US
TWSX		Transmitter Waveform Select X	0	
HNGS-BA: Hostile Natural Gamma Ray Sonde				
BHS		Borehole Status	OPEN	
System and Miscellaneous				
BS		Bit Size	11.438	IN

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25-Aug-2021 18:02

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	DTC-H	19C0-187

Output DLIS Files

DEFAULT	FMS_DSI_NGS_028LUP	FN:35	PRODUCER	25-Aug-2021 18:02
RTB	FMS_DSI_NGS_028LUP	FN:36	PRODUCER	25-Aug-2021 18:02

Company: International Ocean Discovery Program Well: Expedition 396, Site U1568A

Output DLIS Files

DEFAULT	FMS_DSI_NGS_028LUP	FN:35	PRODUCER	25-Aug-2021 18:02	1899.7 M	1696.2 M
RTB	FMS_DSI_NGS_028LUP	FN:36	PRODUCER	25-Aug-2021 18:02	1899.7 M	1696.2 M

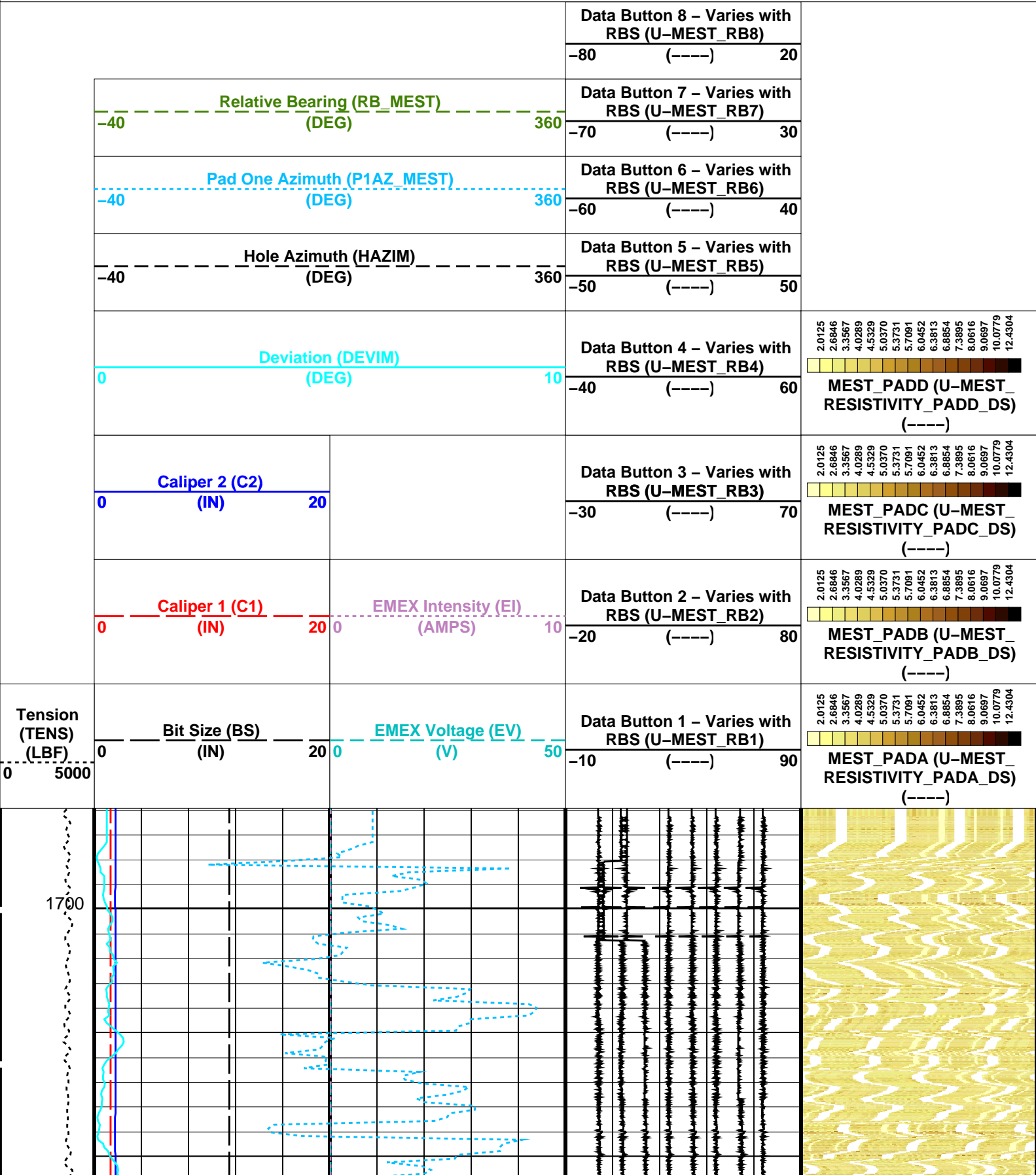
OP System Version: 19C0-187

MEST-B 19C0-187
DSST-B 19C0-187
HNGS-BA 19C0-187

DTA-A 19C0-187
HNGC-B 19C0-187
DTC-H 19C0-187

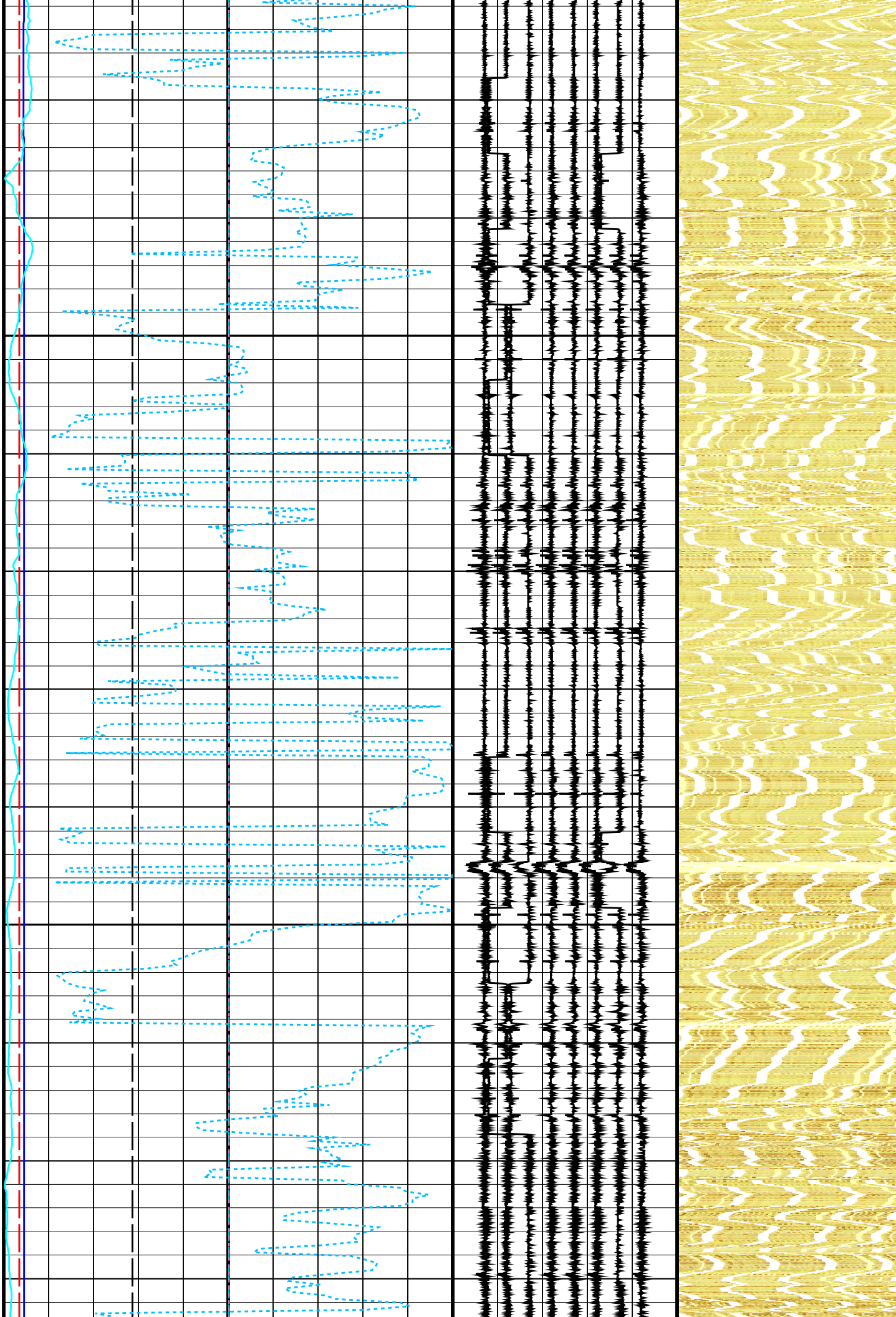
PIP SUMMARY

Time Mark Every 60 S



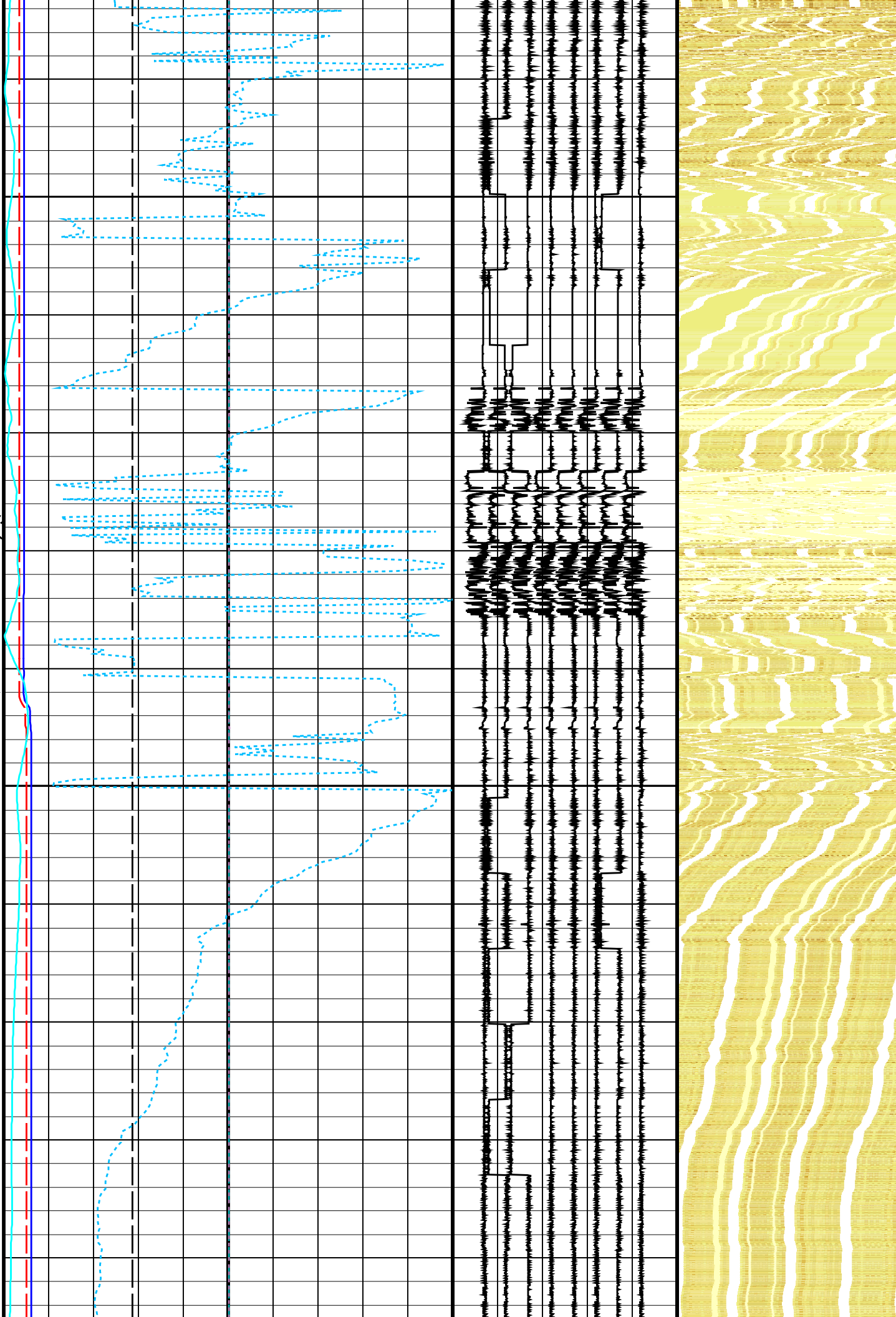
1725

1750



1775

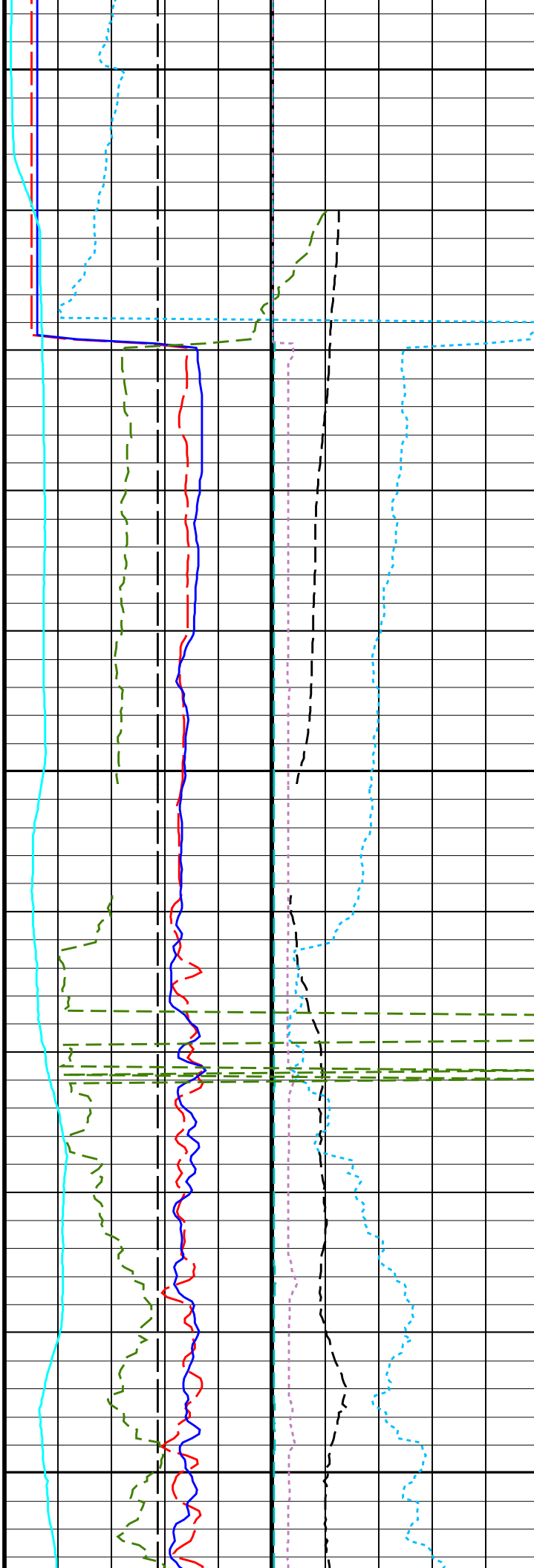
1800



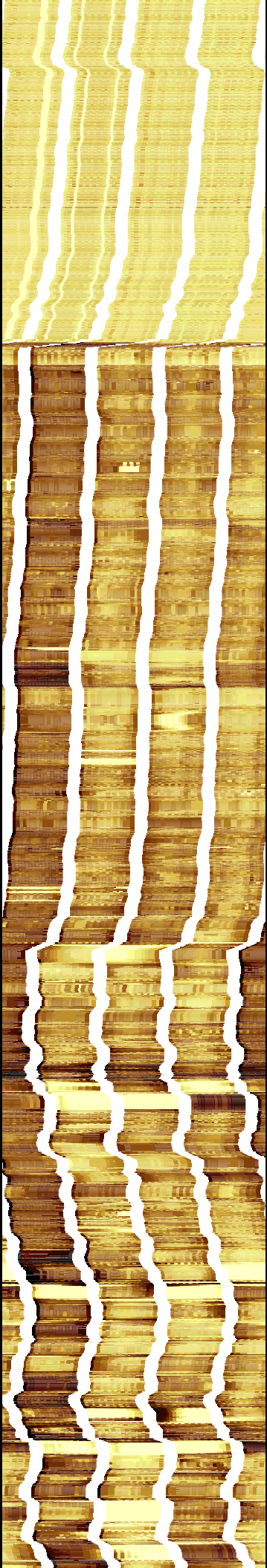
1825

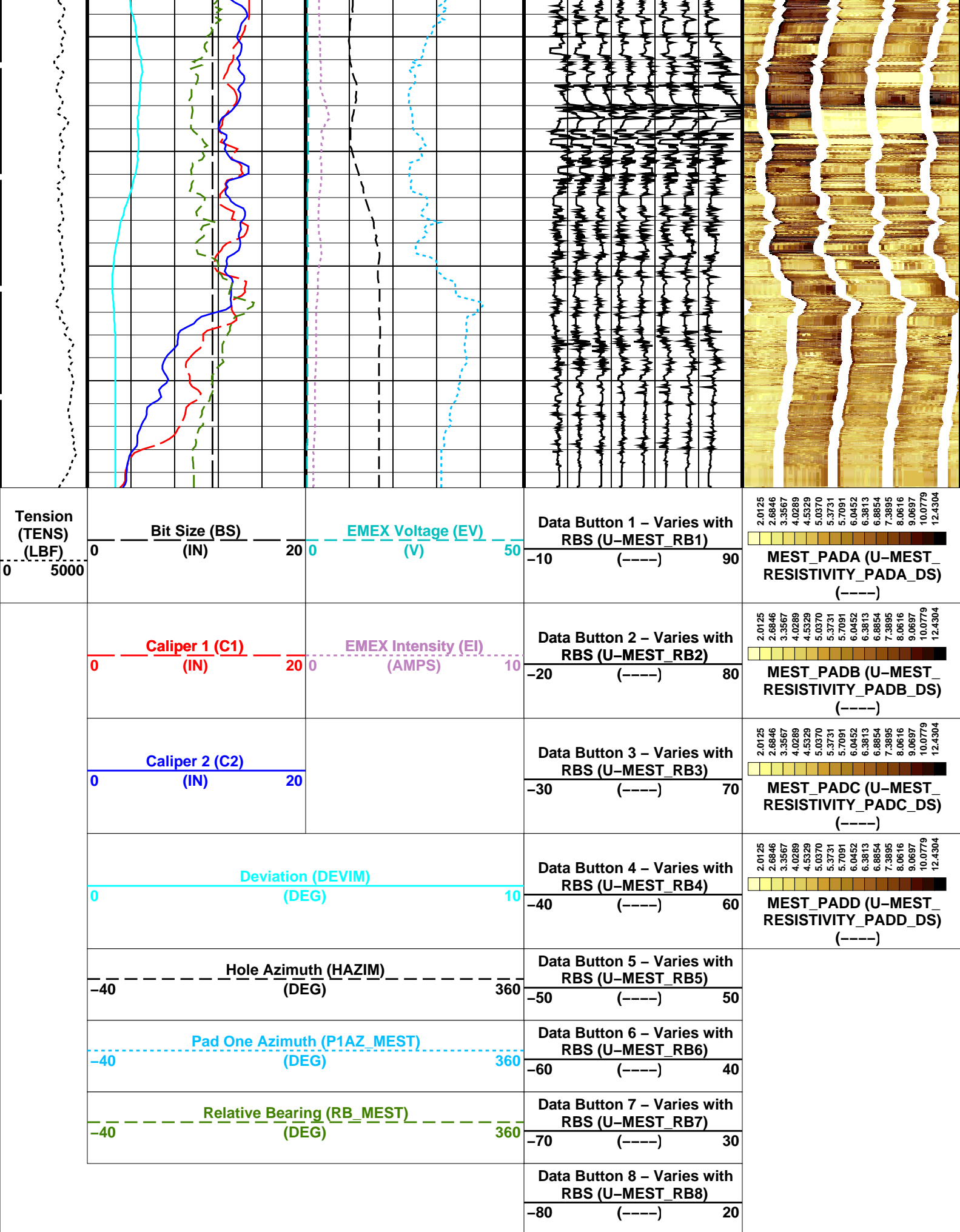
1850

1875



Handwritten text in a cursive script, likely a diary or journal entry, written in black ink. The text is organized into several paragraphs, with some lines indented. The handwriting is dense and fills the right side of the page.





PIP SUMMARY

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	0.767261	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
Format: MEST_C_WRAP_BY_P1AZ Vertical Scale: 1:200 Graphics File Created: 25-Aug-2021 18:02				
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	DTC-H	19C0-187	
Output DLIS Files				
DEFAULT	FMS_DSI_NGS_028LUP	FN:35	PRODUCER	25-Aug-2021 18:02
RTB	FMS_DSI_NGS_028LUP	FN:36	PRODUCER	25-Aug-2021 18:02

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 13-Jun-2021 22:51							
Caliper 1 Zero Measurement	12.00	N/A	12.76	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	12.00	N/A	12.49	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.19	N/A	15.69	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.19	N/A	15.53	N/A	N/A	N/A	IN
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: 25-Aug-2021 16:19							
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: 25-Aug-2021 16:19							
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: Calibration out of date 2-May-2021 10:04 Before: 25-Aug-2021 5:10 After: 25-Aug-2021 8:33							
Na 511 Peak Loc	40.00	39.25	39.71	39.55	-0.1544	1.000	
Na 511 Peak Res	15.50	16.53	14.17	16.04	1.871	2.000	%
Unit Voltage	1150	1107	1170	1170	1.150	N/A	V

High Voltage	1150	1197	1178	1179	1.459	N/A	V
Na 1785 Peak Loc	142.6	141.8	142.2	142.1	-0.1613	7.000	%
Na 1785 Peak Res	8.500	8.905	8.257	9.126	0.8688	2.000	%
Temperature	15.50	26.59	16.40	16.19	-0.2060	N/A	DEGC
Na Count Rate	45.00	12.01	10.27	10.33	0.05869	8.000	CPS

Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 2 Check

Master: Calibration out of date 2-May-2021 10:04 Before: 25-Aug-2021 5:10 After: 25-Aug-2021 8:33

Na 511 Peak Loc	40.00	39.88	39.49	39.62	0.1329	1.000	
Na 511 Peak Res	15.50	15.29	13.94	15.04	1.097	2.000	%
High Voltage	1150	1122	1104	1103	-0.8081	N/A	V
Na 1785 Peak Loc	142.6	142.6	141.1	139.5	-1.618	7.000	
Na 1785 Peak Res	8.500	8.040	8.122	11.87	3.753	2.000	%
Temperature	15.50	27.21	16.95	17.60	0.6487	N/A	DEGC
Na Count Rate	45.00	12.32	10.12	10.38	0.2575	8.000	CPS

Hostile Natural Gamma Ray Sonde Wellsite Calibration – Ratio Of Detector 1 To Detector 2

Master: Calibration out of date 2-May-2021 10:04 Before: 25-Aug-2021 5:10 After: 25-Aug-2021 8:33

Coincidence Count Rate Ratio	1.000	0.9728	1.014	1.002	-0.01209	0.05000	
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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	840
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
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Auxiliary Equipment:

HNGC Housing	HNGH – A	3
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Hostile Natural Gamma Ray Sonde / Equipment Identification

Primary Equipment:

HNGS Sonde	HNGS – BA	99
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Auxiliary Equipment:

HNGS Sonde Housing	HNSH – BA	102
Gamma Source Radioactive	GSR – U	6098










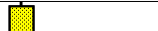
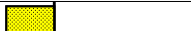
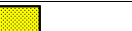



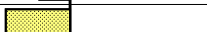
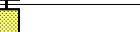


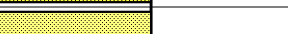
Hostile Natural Gamma Ray Sonde Wellsite Calibration

Detector 1 Check




Phase	Na 511 Peak Loc	Value	Phase	Na 511 Peak Res %	Value	Phase	High Voltage V	Value
Master		39.25	Master		16.53	Master		1197
Before		39.71	Before		14.17	Before		1178
After		39.55	After		16.04	After		1179
	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		141.8	Master		8.905	Master		26.59
Before		142.2	Before		8.257	Before		16.40
After		142.1	After		9.126	After		16.19
	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		12.01
Before		10.27
After		10.33
10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)		

Master: Calibration out of date 2-May-2021 10:04 Before: 25-Aug-2021 5:10 After: 25-Aug-2021 8:33

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			39.88	Master			15.29	Master			1122
Before			39.49	Before			13.94	Before			1104
After			39.62	After			15.04	After			1103
37.50 (Minimum) 40.00 (Nominal) 43.50 (Maximum)				12.00 (Minimum) 15.50 (Nominal) 19.00 (Maximum)				900.0 (Minimum) 1150 (Nominal) 1600 (Maximum)			
Phase	Na 1785 Peak Loc		Value	Phase	Na 1785 Peak Res %		Value	Phase	Temperature DEGC		Value
Master			142.6	Master			8.040	Master			27.21
Before			141.1	Before			8.122	Before			16.95
After			139.5	After	<div>EXCEEDS LIMIT</div>		11.87	After			17.60
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			12.32								
Before			10.12								
After			10.38								
10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)											
Master: Calibration out of date 2-May-2021 10:04				Before: 25-Aug-2021 5:10				After: 25-Aug-2021 8:33			

Master: Calibration out of date 2-May-2021 10:04 Before: 25-Aug-2021 5:10 After: 25-Aug-2021 8:33

Hostile Natural Gamma Ray Sonde Wellsite Calibration		
Ratio Of Detector 1 To Detector 2		
Phase	Coincidence Count Rate Ratio	Value
Master		0.9728
Before		1.014
After		1.002
0.9500 (Minimum) 1.000 (Nominal) 1.050 (Maximum)		
Master: Calibration out of date 2-May-2021 10:04		
Before: 25-Aug-2021 5:10		
After: 25-Aug-2021 8:33		

DTS Telemetry Tool / Equipment Identification

Primary Equipment:

DTC-H Auxiliary Cartridge
DTC-H Telemetry Cartridge

DTCH - A 8799
DTCH - A 8799

Auxiliary Equipment:

DTCH Telemetry Cartridge Housing

ECH - KC 9842

Well: Expedition 396, Site U1568A
Field: Mid–Norwegian Cont. Margin Magmatism
Rig: JOIDES Resolution
Country: Iceland

Dipole Sonic Imager (DSI)
Formation Micro–Scanner(FMS)