



Company: International Ocean Discovery Program

Well: Expedition 396, Site U1570D

Field: Mid-Norwegian Cont. Margin Magmatism

Rig: JOIDES Resolution Country: Iceland

Dipole Sonic Imagr (DSI)
Formation Microscanner (FMS)

Latitude: N 65.8312	Elev.: K.B. 0.00 m
Longitude: E 1.9862	G.L. -2219.00 m
	D.F. 0.00 m
Permanent Datum: Sea Floor	Elev.: -2219.00 m
Log Measured From: Rig Floor	2219.00 m above Perm. Datum
Drilling Measured From: Rig Floor	

Ocean: Atlantic	Max. Well Deviation 5 deg	Longitude E 1.9862	Latitude N 65.8312
-----------------	---------------------------	--------------------	--------------------

JOIDES Resolution
Mid-Norwegian Cont. Margin Ma
Location: N 65.8312
Expedition 396, Site U1570D
Company: International Ocean Discovery Pr

LOCATION

Logging Date	5-Sep-2021		
Run Number	2		
Depth Driller	2419 m		
Schlumberger Depth	2418.3 m		
Bottom Log Interval	2418 m		
Top Log Interval	2221.5 m		
Casing Driller Size @ Depth	5.500 in @ 2295 m		@
Casing Schlumberger	2294 m		
Bit Size	9.875 in		
Type Fluid In Hole	Barite Weighted 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	5-Sep-2021	5:00
Logger On Bottom	Time	5-Sep-2021	15:25
Unit Number	Location	627314	Larose, LA
Recorded By	C. Furman		
Witnessed By	S. Midgley		

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 1

Run 2

R

DISCLAIMER

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

OTHER SERVICES1
 OS1: HNGS/HLDS
 OS2: HRLA/MSS

REMARKS: RUN NUMBER 1

Hole drilled with RCB bottom hole assembly (BHA) at 9.875" BS

Drill pipe set at 2295mbrf (76mbsf)





Fluid type was water-based mud, weighted with barite, 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 used from TD then switched off to facilitate pipe entry.
 Caliper closed prior to shutting off compensator and entering pipe or casing.
 DSI run with UD=Std., LD=LowFreq., and Monopole=Std.
 Caliper Closed and EMEX Disabled (FMS measurement power) at 2310m to facilitate pipe entry.

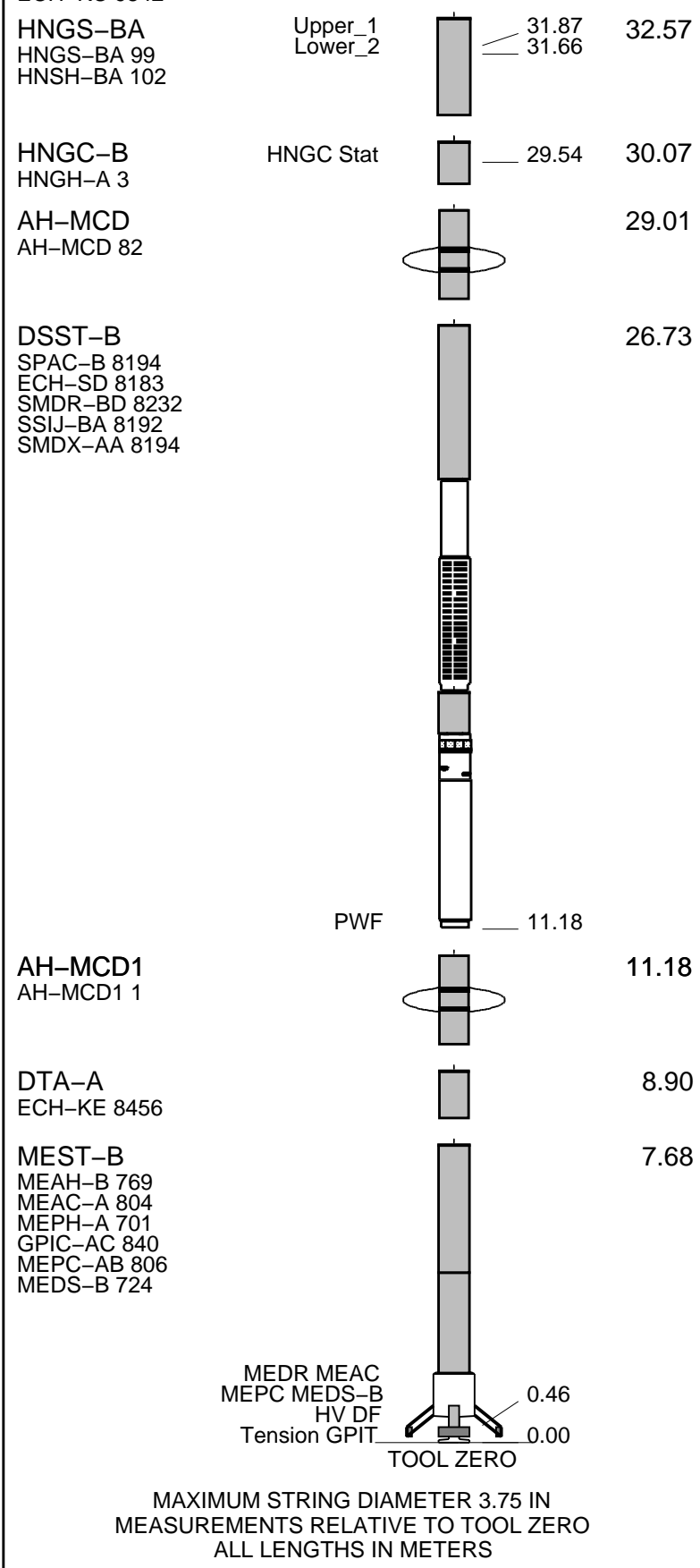
Downlog flipped and note the caliper closed logging down.

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 (DTS)-A	

RUN 1	RUN 2
DOWNHOLE EQUIPMENT	
LEH-QT  34.81	
LEH-QT 301	
AH-369  33.92	
DTC-H  33.49	
ECH-KC 9842  32.57	
CTEM TelStatus ToolStatu	



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

Kelly Bushing Elevation

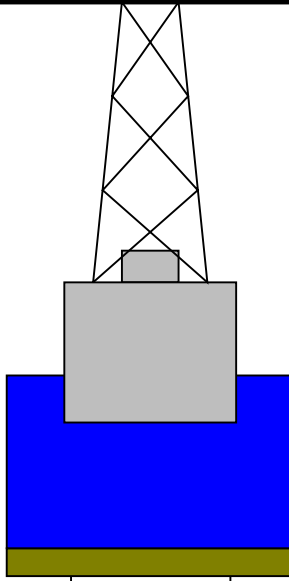
Derrick Floor Elevation

Mean Sea Level

0.0

0.0

11.1



0.0

5.500

4.125



2219.0

9.875

2295.0

5.500

4.125

2419.0

9.875

Driller's Sea Floor

Pipe Depth

Driller's TD

Schlumberger

Downlog

MAXIS Field Log

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_032LUP	PRODUCER	05-Sep-2021 16:03	2418.3 M	2178.6 M
---------	-------------------------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_033PUP	FN:28	PRODUCER	05-Sep-2021 16:05	2418.3 M	2178.6 M
RTB	FMS_DSI_NGS_033PUP	FN:29	PRODUCER	05-Sep-2021 16:05	2418.3 M	2178.6 M

OP System Version: 19C0-187

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

PIP SUMMARY

Time Mark Every 60 S

HNGS Spectroscopy Gamma Ray (HSGR)
0 (GAPI) 50

Area1
From HCGR to HSGR

HNGS Computed Gamma Ray (HCGR)
0 (GAPI) 50

Caliper 2 (C2)
6 (IN) 16

Caliper 1 (C1)
6 (IN) 16

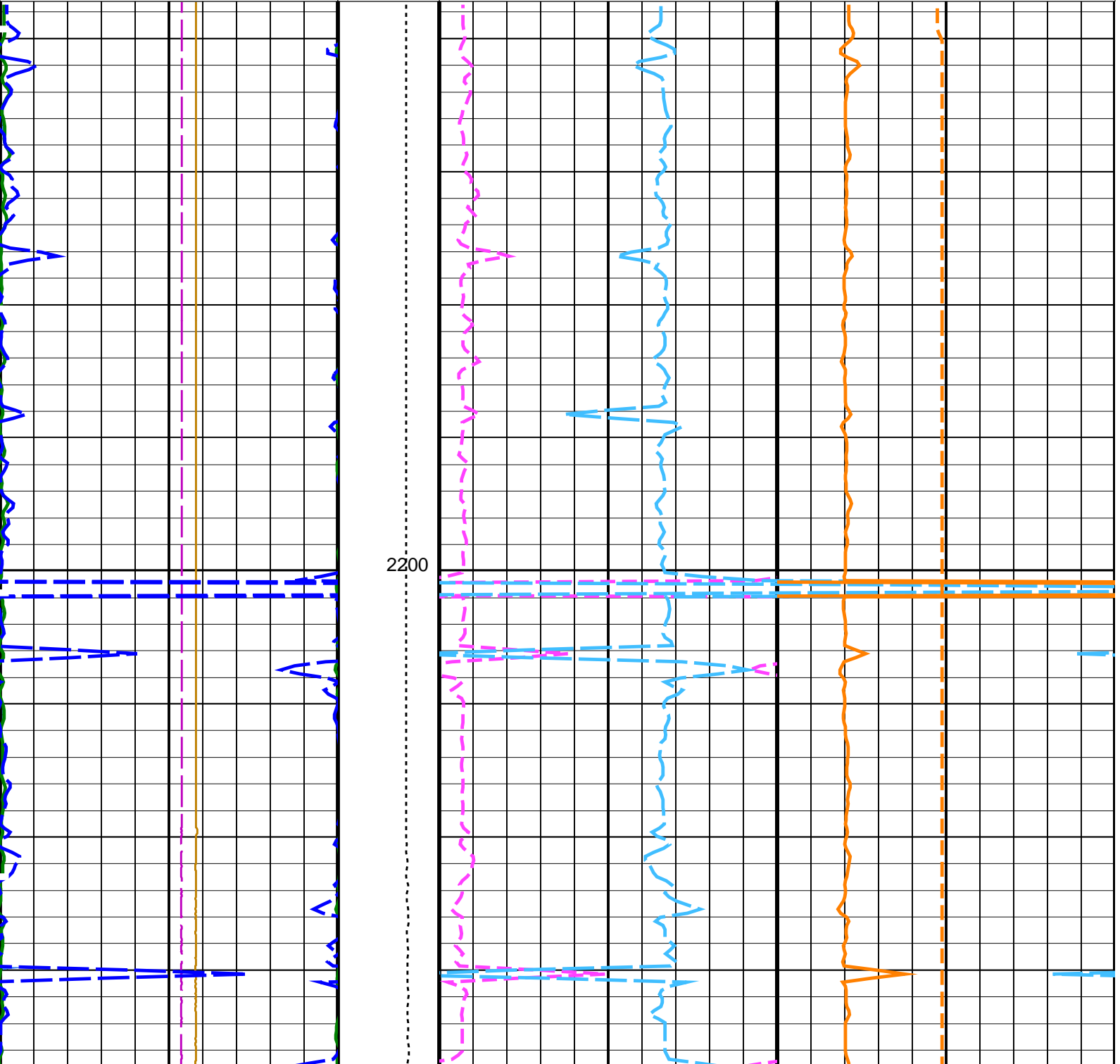
Tension (TENS) (LBF)
10000 0

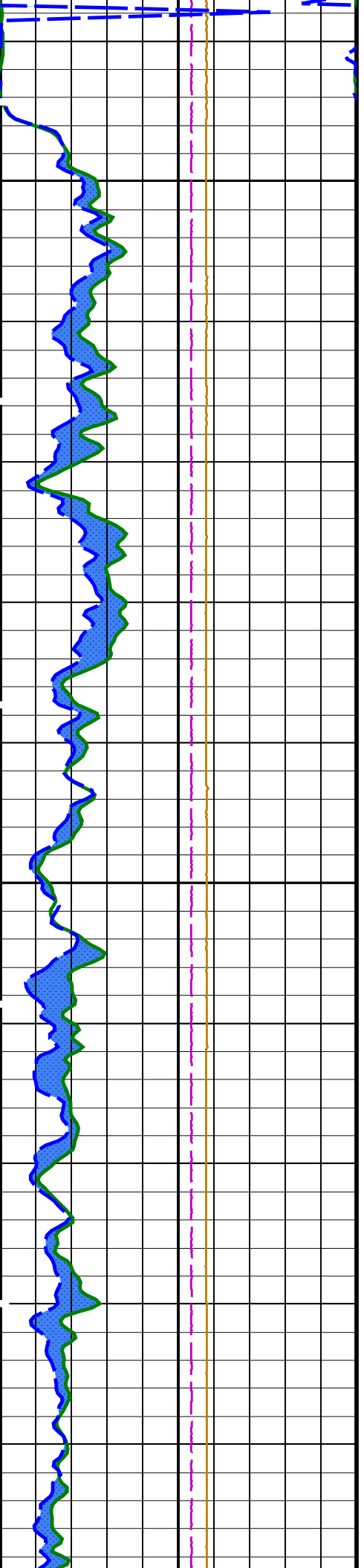
HNGS Borehole Potassium (HBHK)
-0.05 (----) 0.05

HNGS Uranium (HURA)
-5 (PPM) 10

HNGS Thorium (HTHO)
-1 (PPM) 14

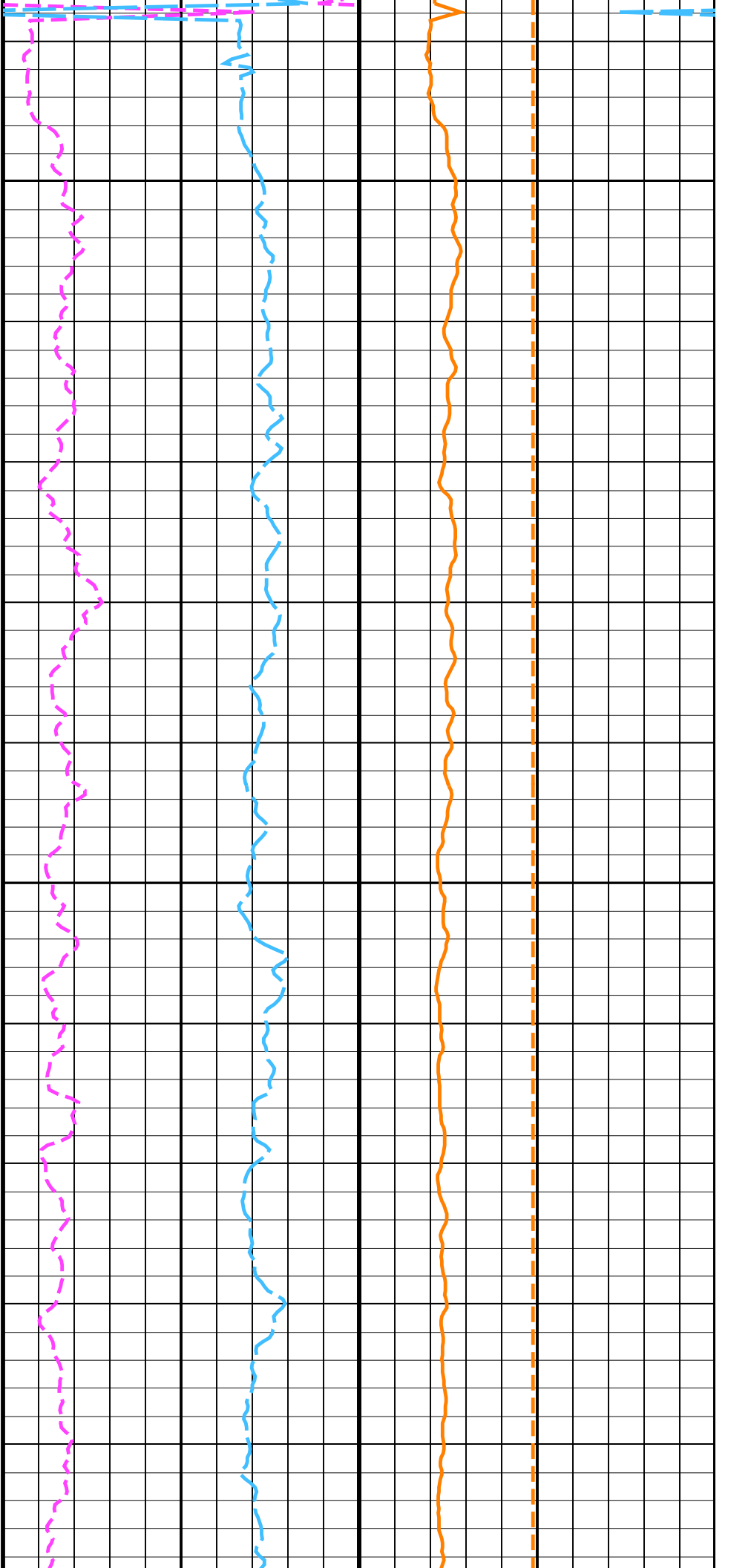
HNGS Potassium (HFK)
-0.01 (----) 0.04

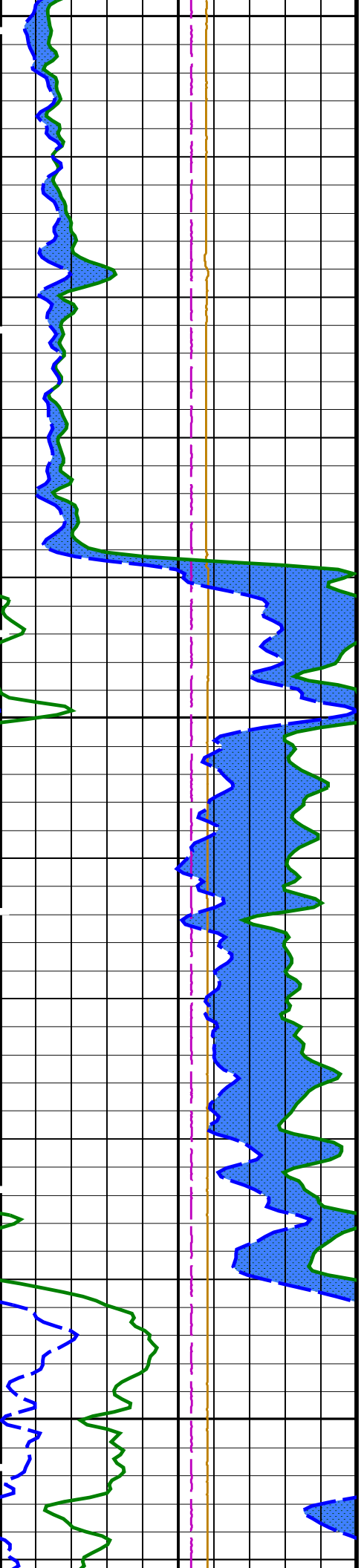




2225

2250

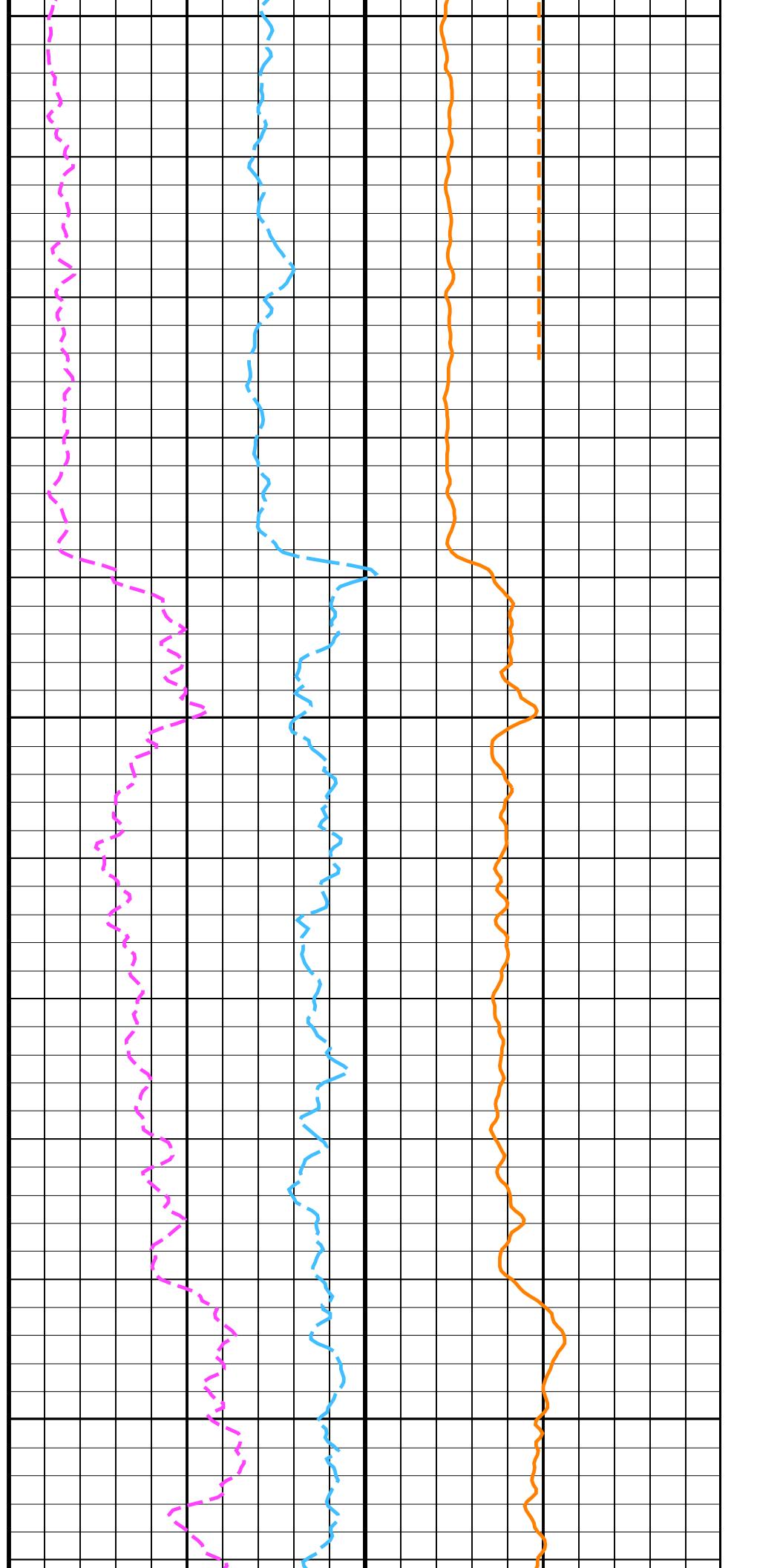


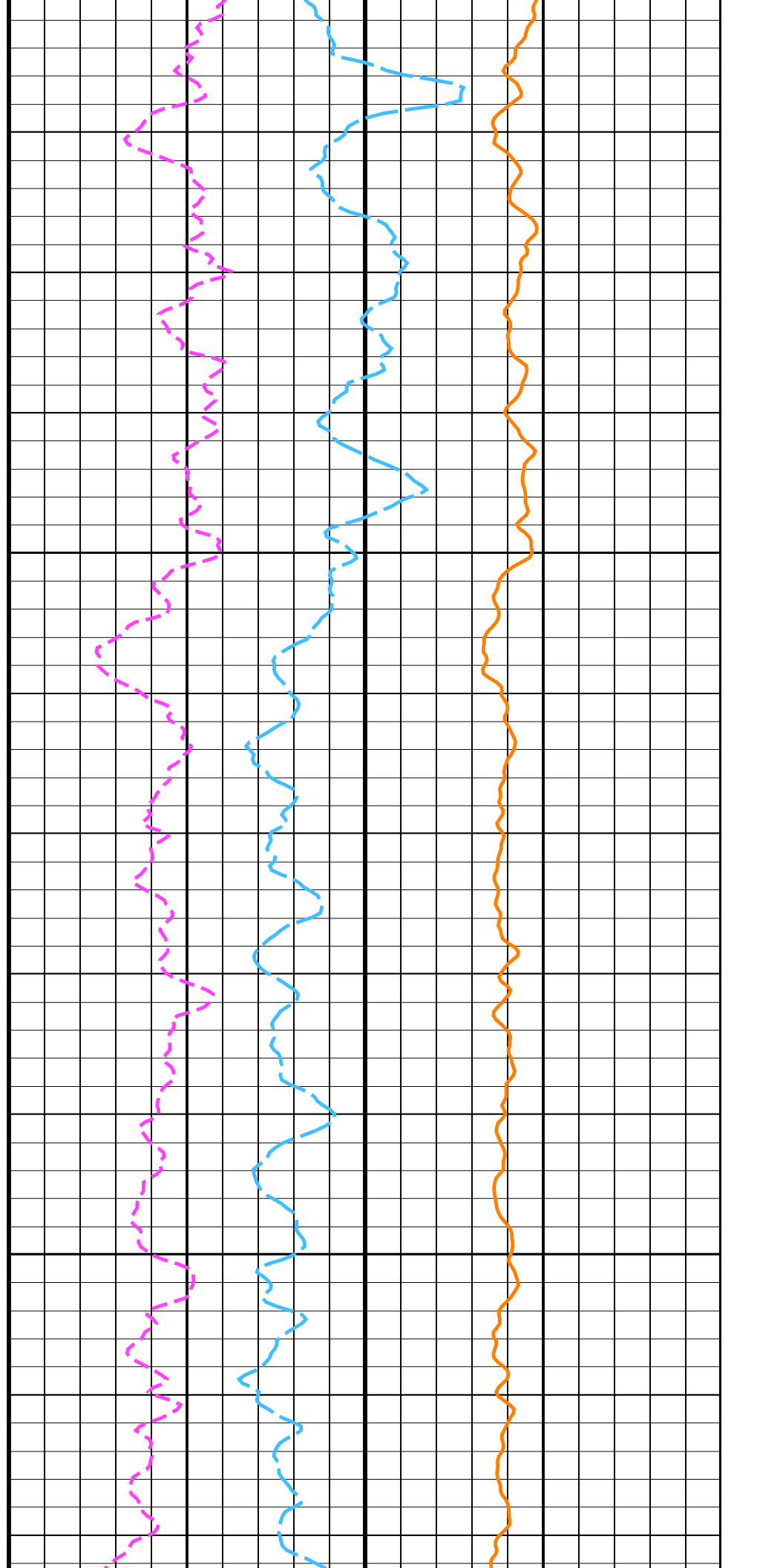
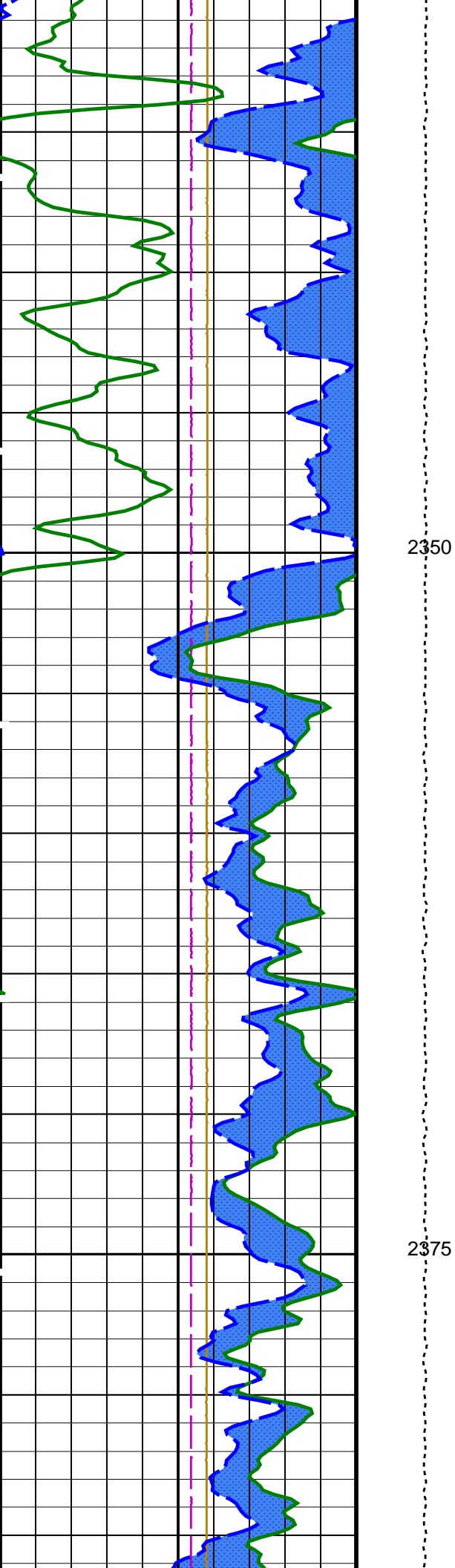


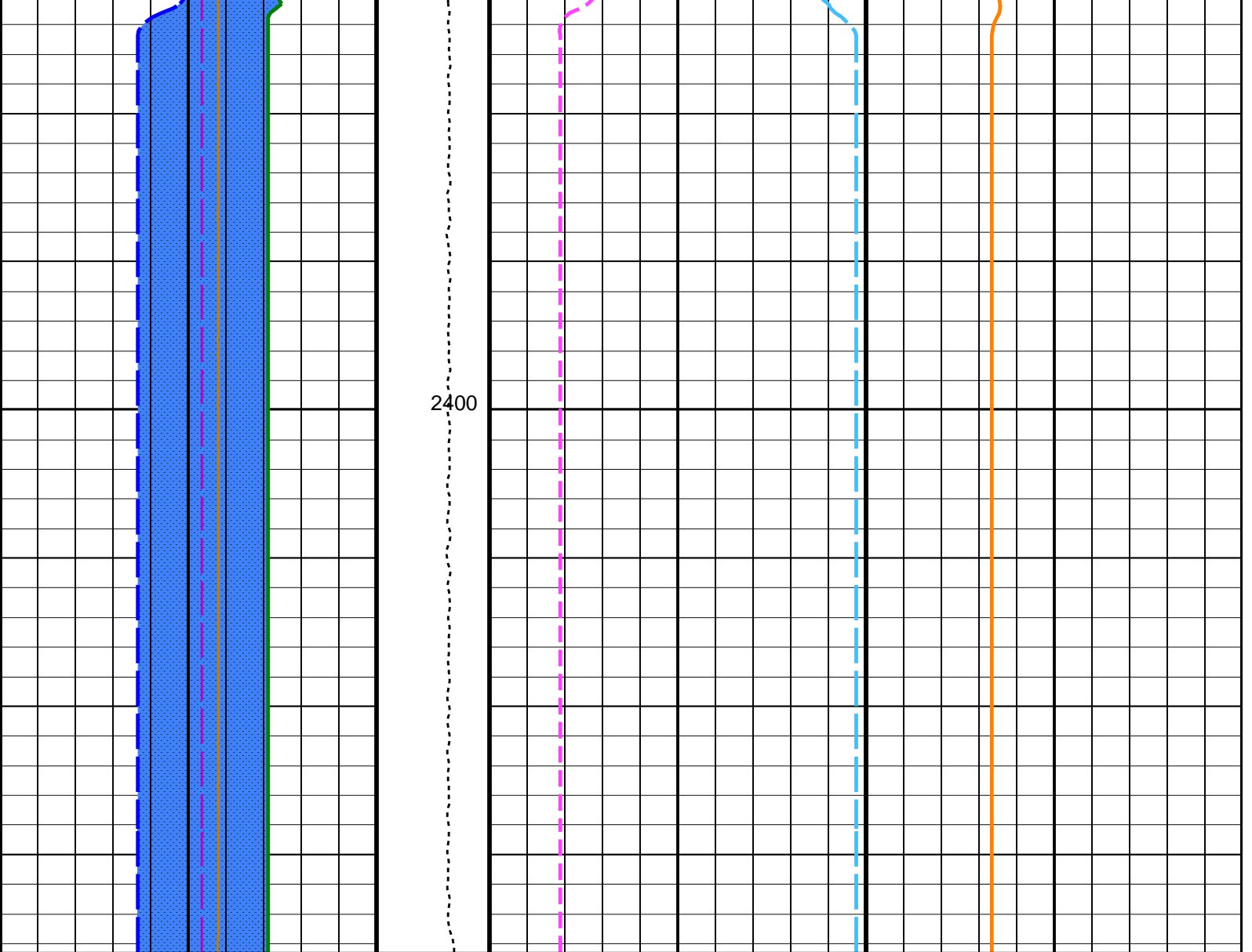
2275

2300

2325







<p>Caliper 1 (C1) (IN) 6 16</p>	<p>Tension (TENS) (LBF) 10000 0</p>	<p>HNGS Thorium (HTHO) (PPM) -1 14</p>	<p>HNGS Potassium (HFK) (-----) -0.01 0.04</p>
<p>Caliper 2 (C2) (IN) 6 16</p>		<p>HNGS Uranium (HURA) (PPM) -5 10</p>	
<p>HNGS Computed Gamma Ray (HCGR) (GAPI) 0 50</p>			<p>HNGS Borehole Potassium (HBHK) (-----) -0.05 0.05</p>
<p>Area1 From HCGR to HSGR</p>			
<p>HNGS Spectroscopy Gamma Ray (HSGR) (GAPI) 0 50</p>			

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
BHS	DSST-B: Dipole Shear Imager - B	
GCSE	Borehole Status	OPEN
	Generalized Caliper Selection	BS
BAR1	HNGS-BA: Hostile Natural Gamma Ray Sonde	
BAR2	HNGS Detector 1 Barite Constant	1
	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	BS	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.00605195	
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	0.959641	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.986813	
System and Miscellaneous			
BS	Bit Size	9.875	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: 05-Sep-2021 16:05

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_032LUP	PRODUCER	05-Sep-2021 16:03	2418.3 M	2178.6 M
---------	-------------------------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_033PUP	FN:28	PRODUCER	05-Sep-2021 16:05	
RTB	FMS_DSI_NGS_033PUP	FN:29	PRODUCER	05-Sep-2021 16:05	

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_032LUP	PRODUCER	05-Sep-2021 16:03	2418.3 M	2178.6 M
---------	-------------------------	----------	-------------------	----------	----------

Output DLIS Files

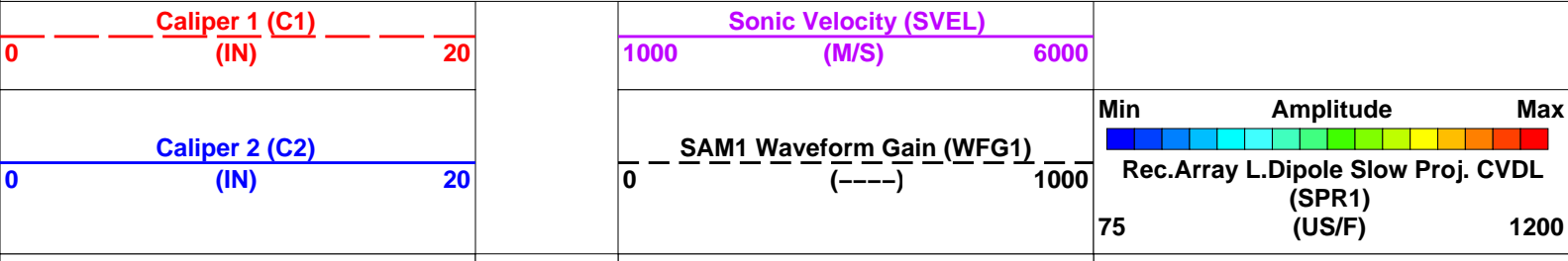
DEFAULT	FMS_DSI_NGS_033PUP	FN:28	PRODUCER	05-Sep-2021 16:05	2418.3 M	2178.6 M
RTB	FMS_DSI_NGS_033PUP	FN:29	PRODUCER	05-Sep-2021 16:05	2418.3 M	2178.6 M

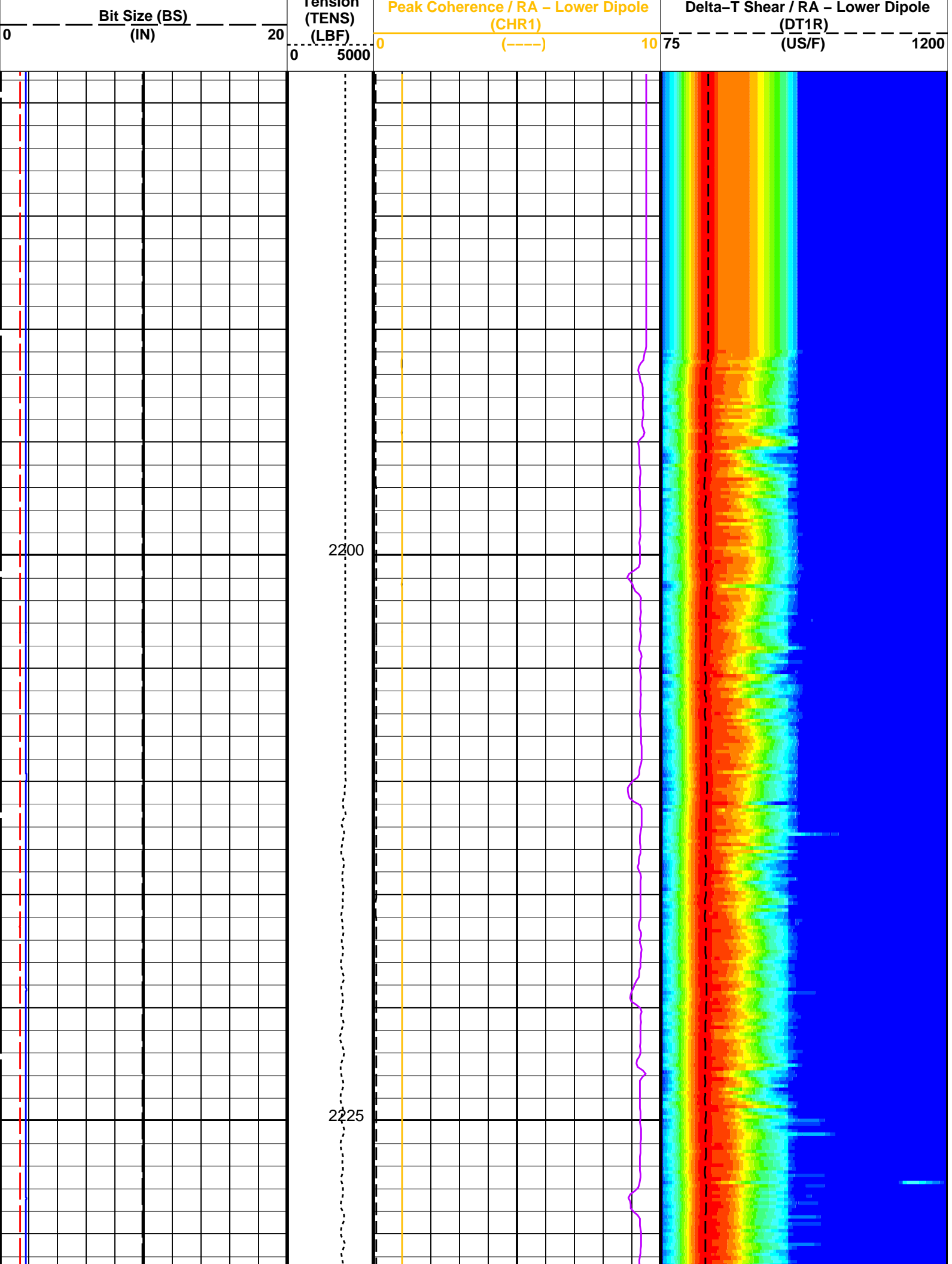
OP System Version: 19C0-187

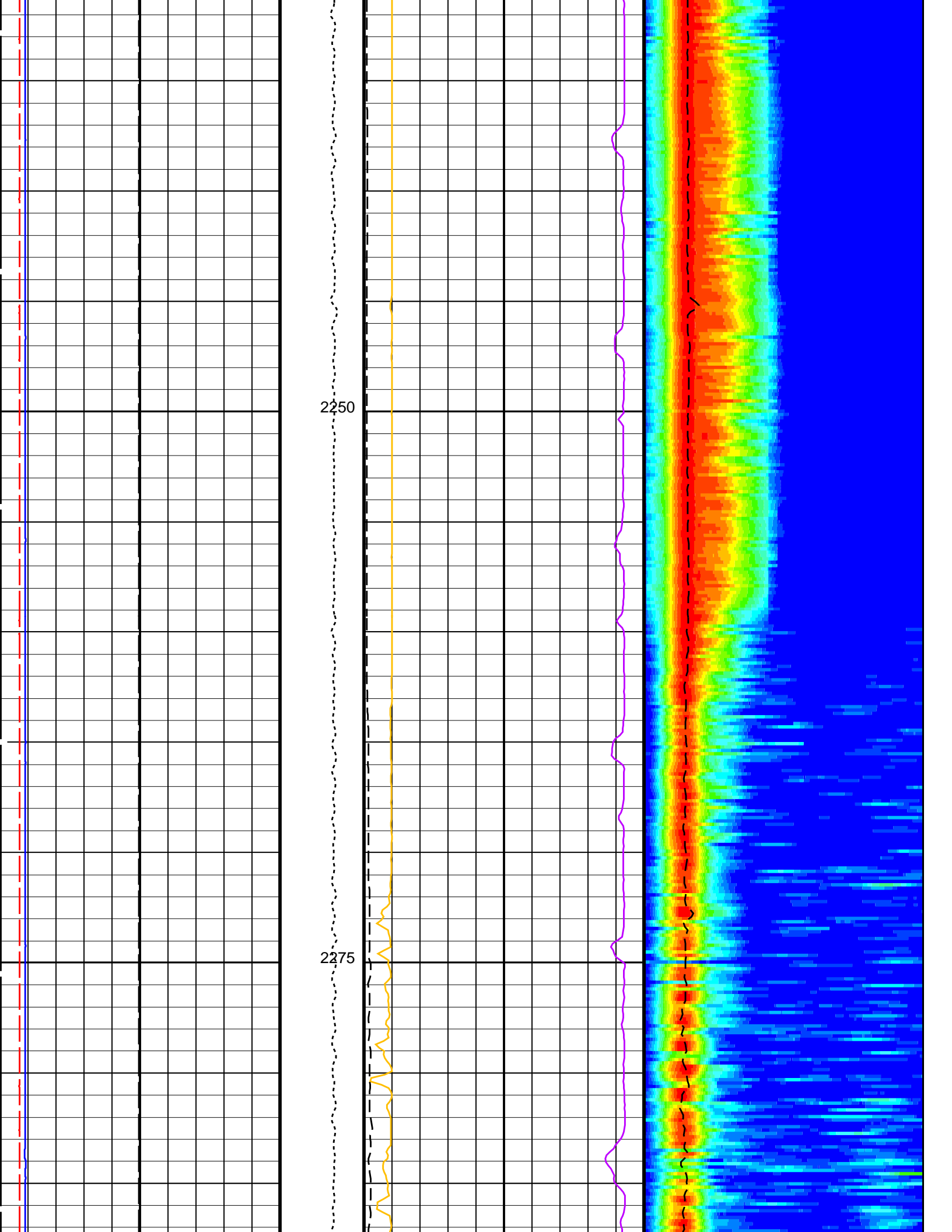
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

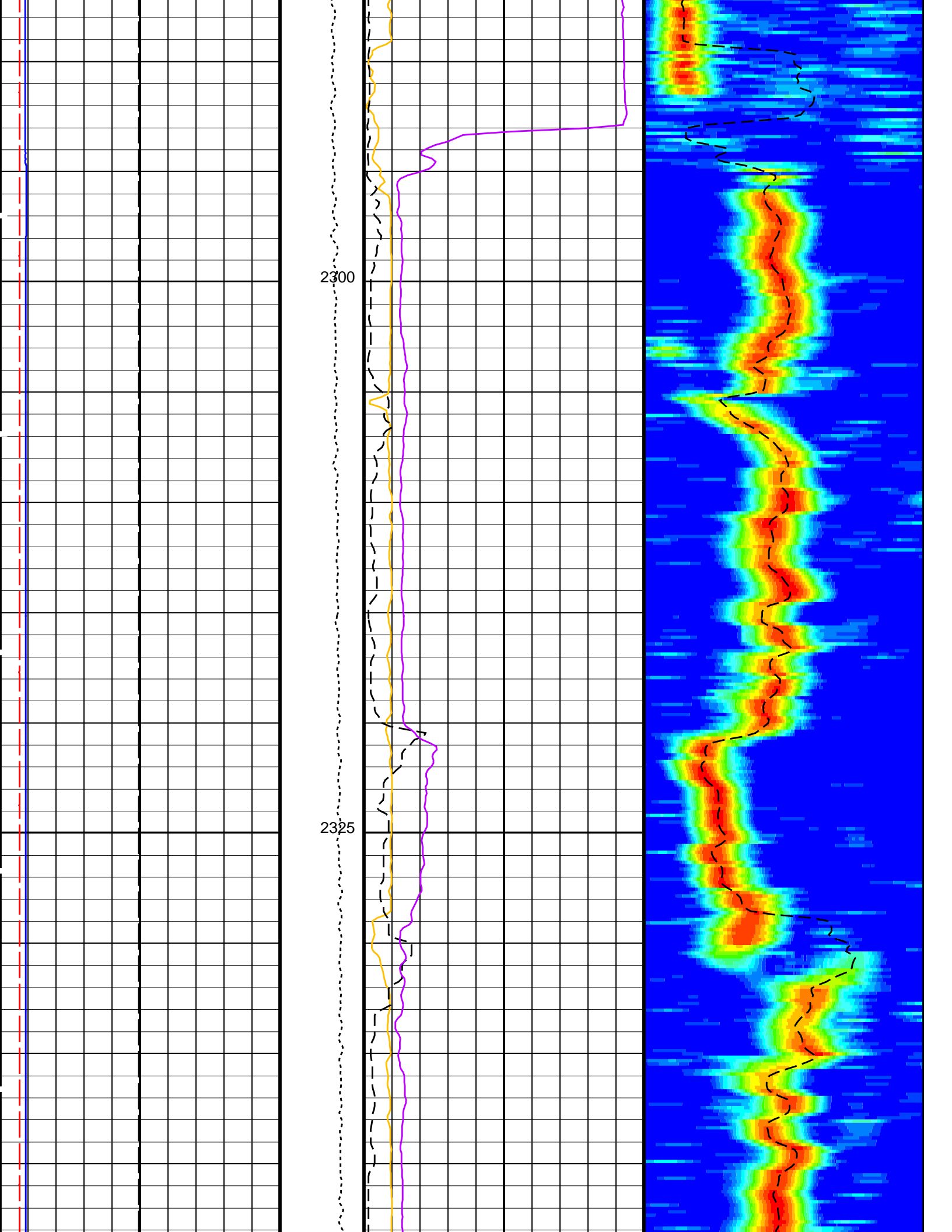
PIP SUMMARY

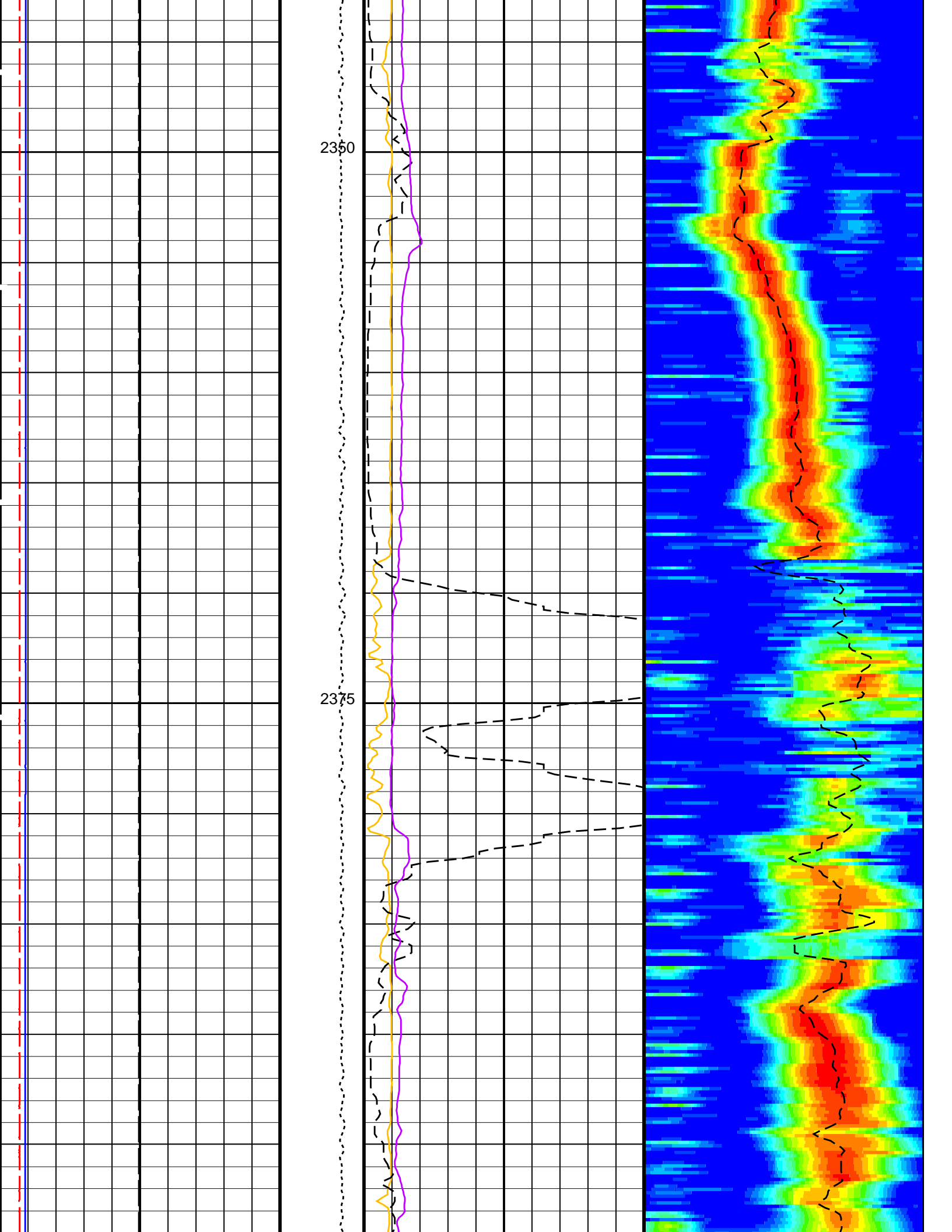
Time Mark Every 60 S

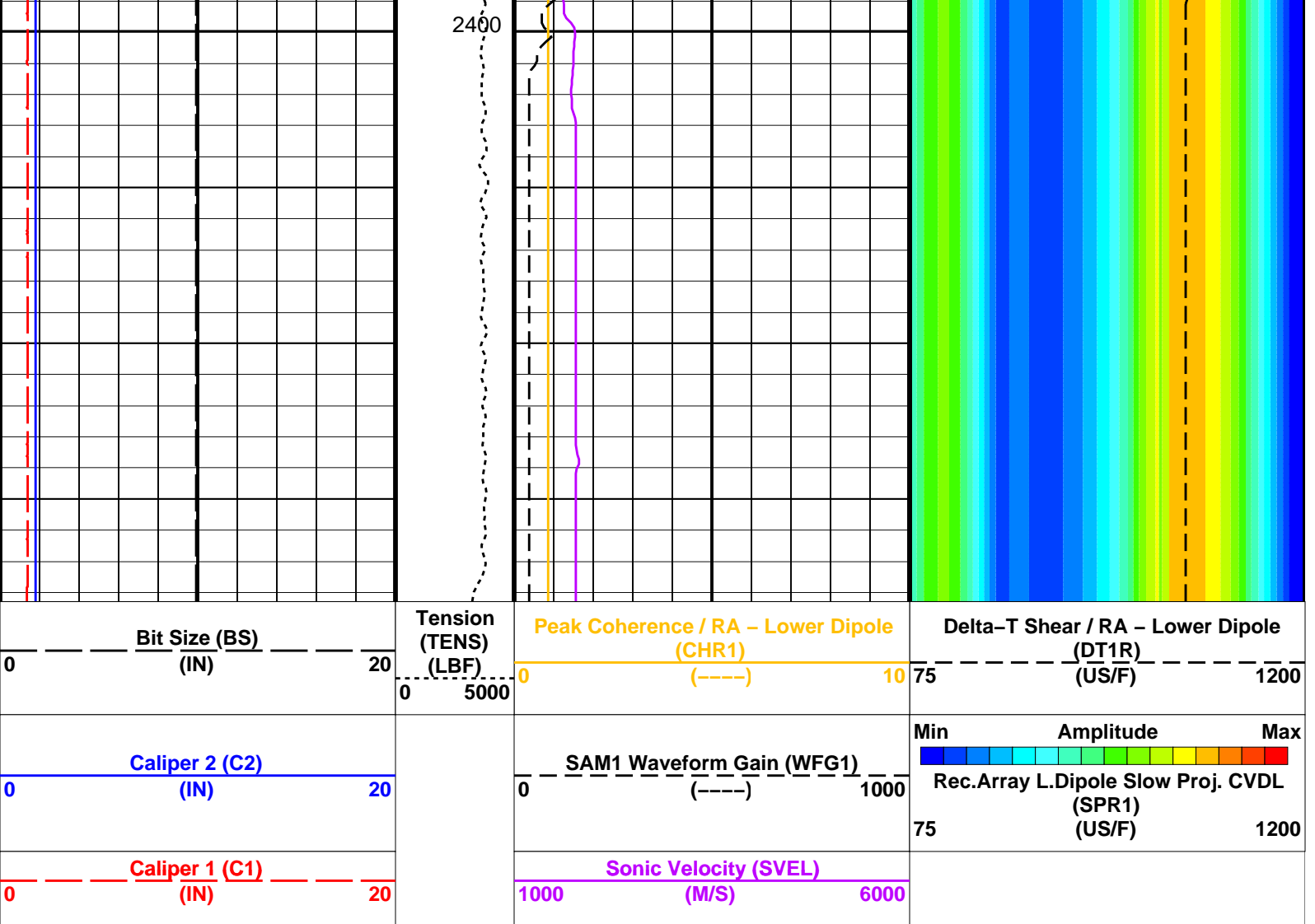












PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DSST-B: Dipole Shear Imager - B		
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	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: 05-Sep-2021 16:05

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_032LUP	PRODUCER	05-Sep-2021 16:03	2418.3 M	2178.6 M
---------	-------------------------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_033PUP	FN:28	PRODUCER	05-Sep-2021 16:05	
RTB	FMS_DSI_NGS_033PUP	FN:29	PRODUCER	05-Sep-2021 16:05	

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_032LUP	PRODUCER	05-Sep-2021 16:03	2418.3 M	2178.6 M
---------	-------------------------	----------	-------------------	----------	----------

Output DLIS Files

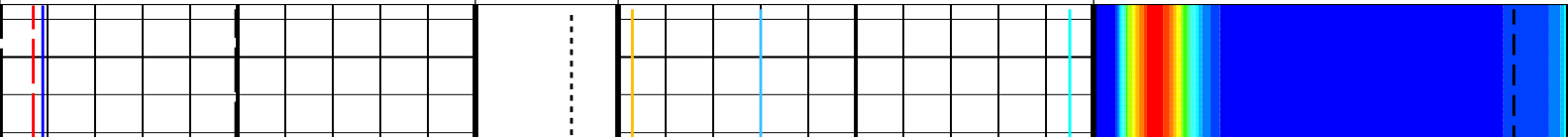
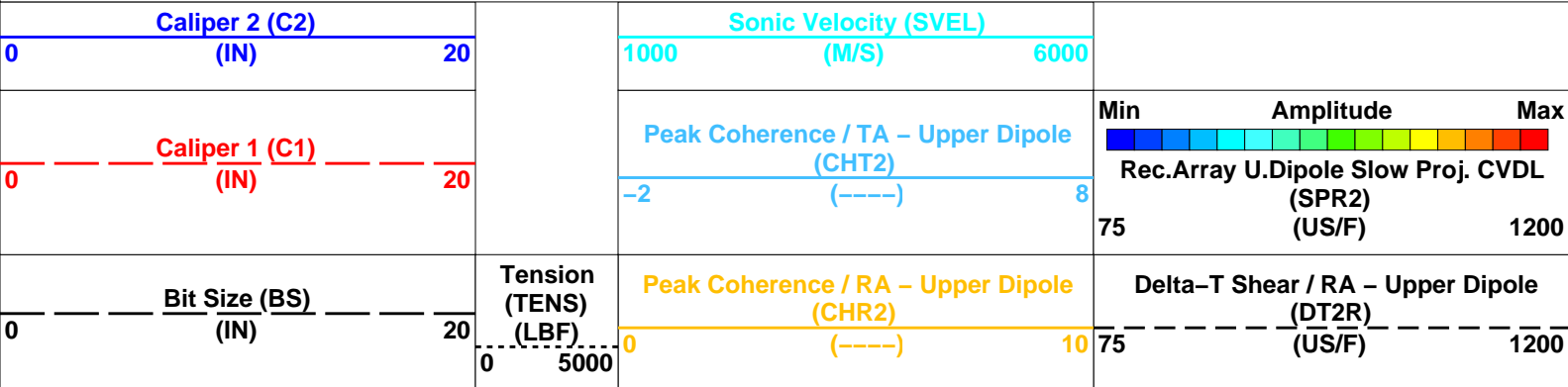
DEFAULT	FMS_DSI_NGS_033PUP	FN:28	PRODUCER	05-Sep-2021 16:05	2418.3 M	2178.6 M
RTB	FMS_DSI_NGS_033PUP	FN:29	PRODUCER	05-Sep-2021 16:05	2418.3 M	2178.6 M

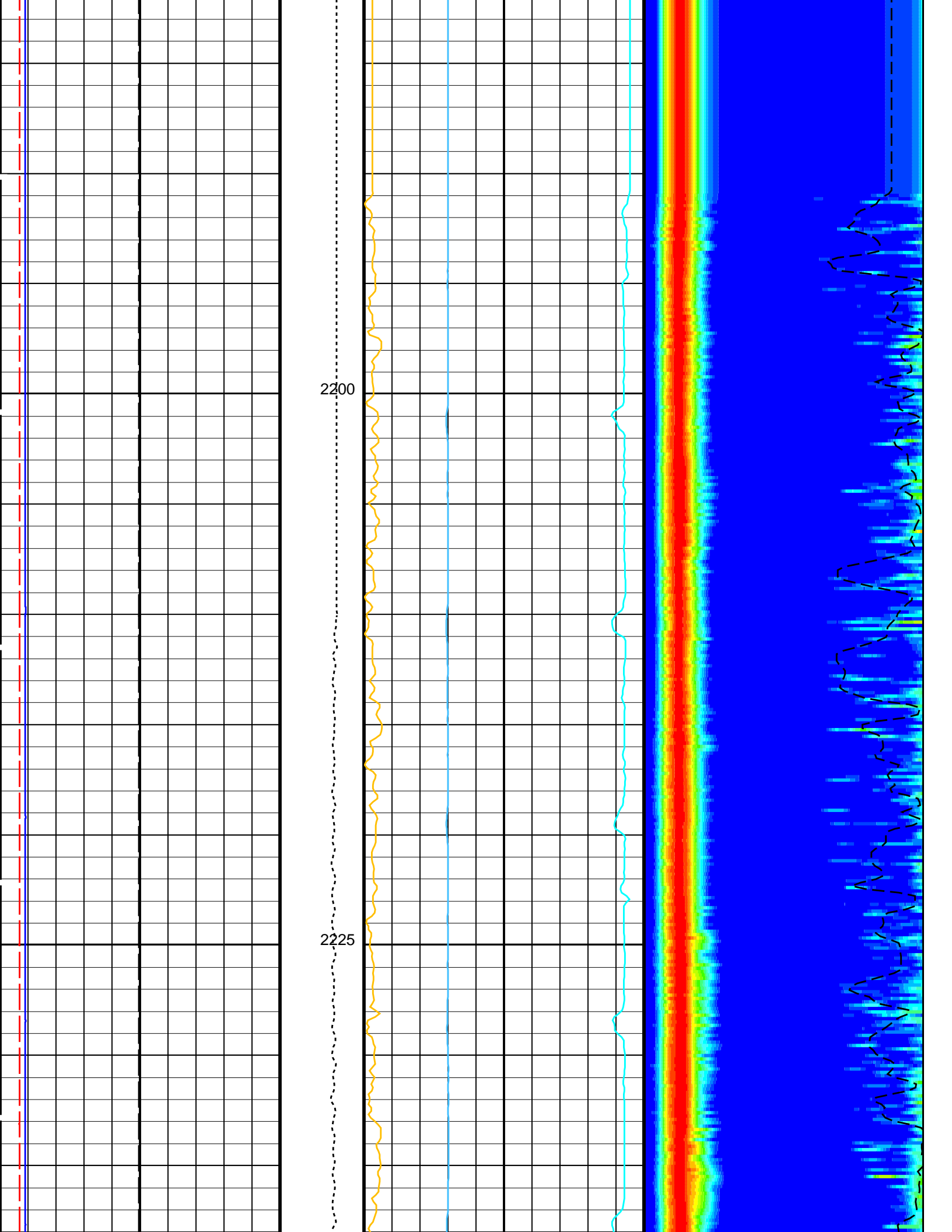
OP System Version: 19C0-187

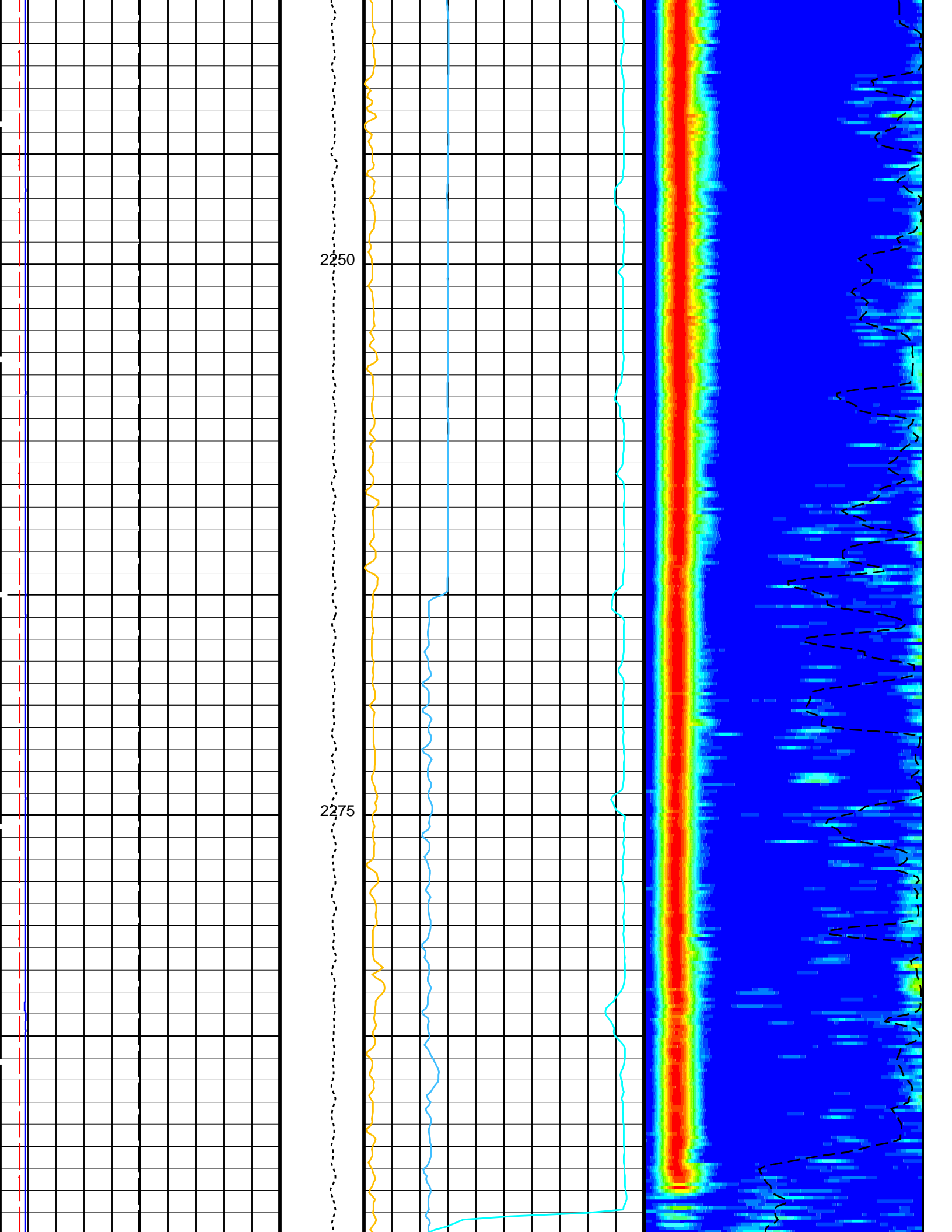
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

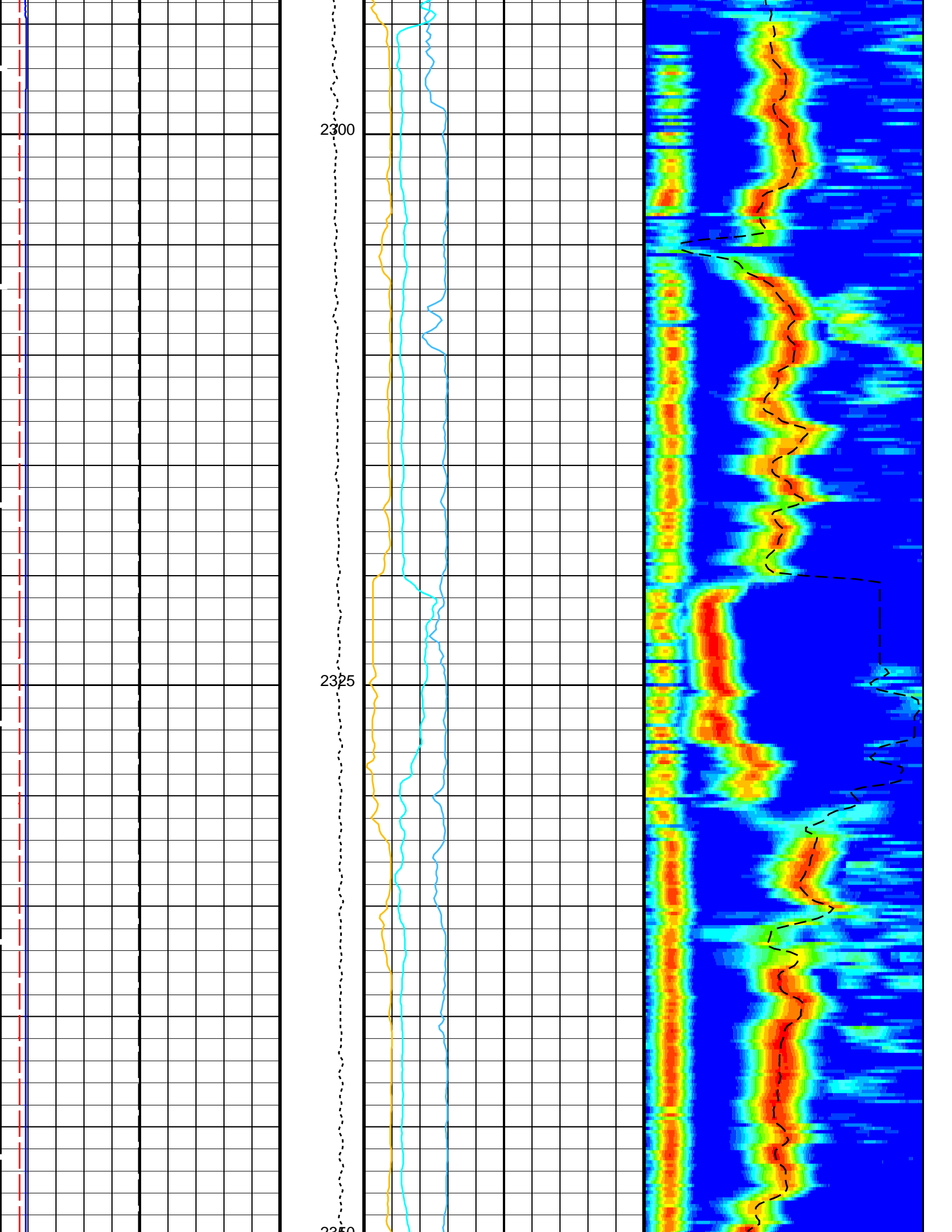
PIP SUMMARY

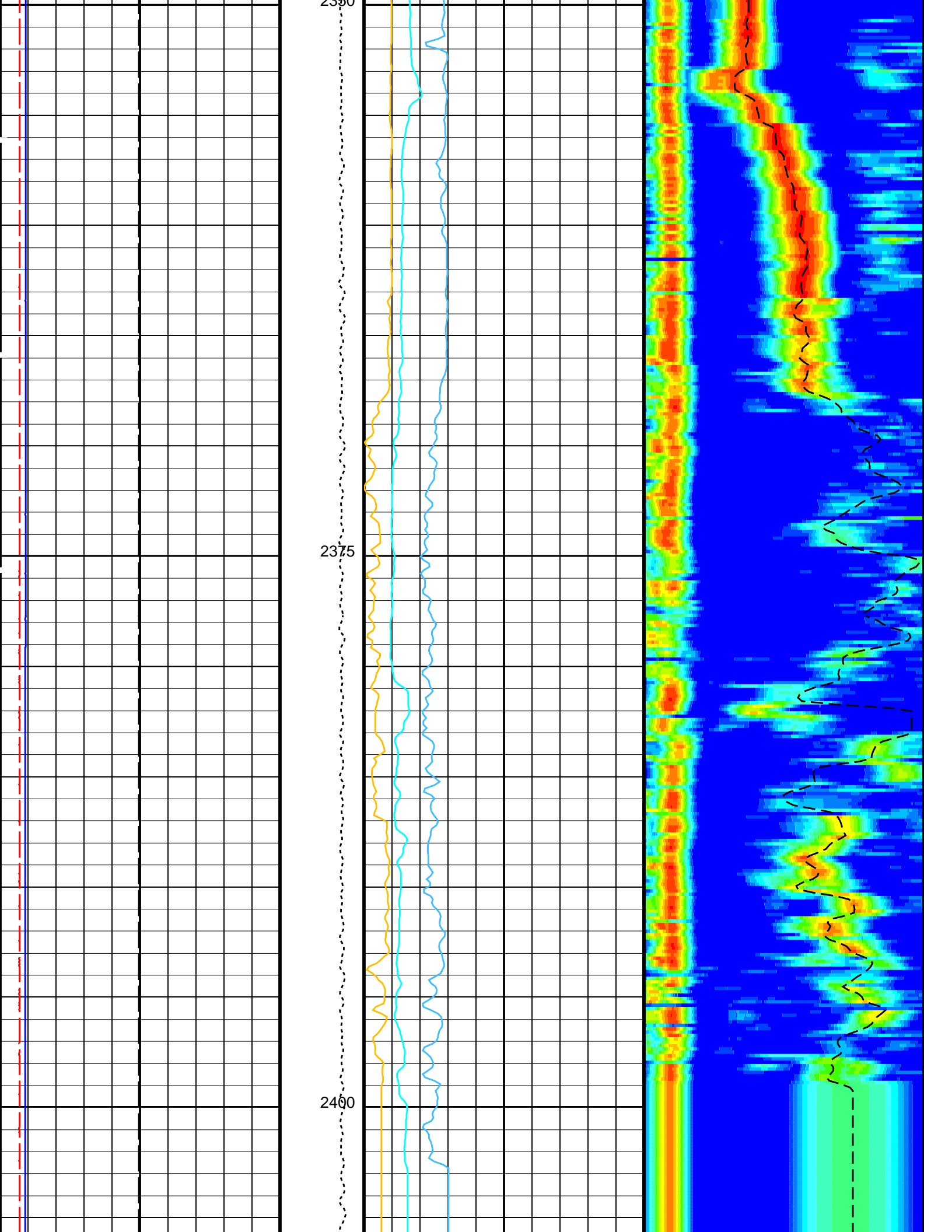
Time Mark Every 60 S

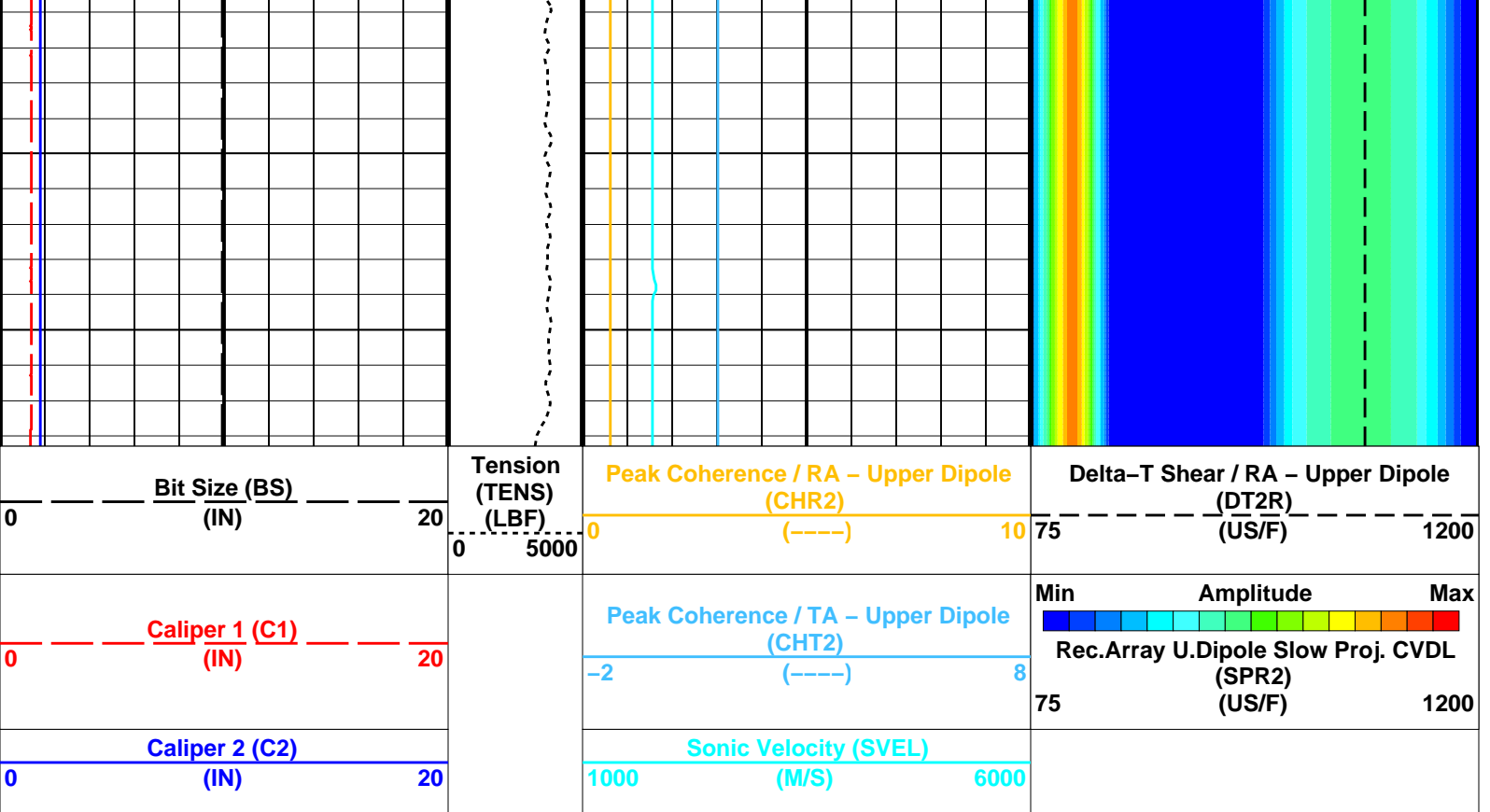












PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DSST-B: Dipole Shear Imager - B		
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
SSL2	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	System and Miscellaneous	Upper Dipole Transmitter Geometry	162	IN
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: 05-Sep-2021 16:05

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_032LUP	PRODUCER	05-Sep-2021 16:03	2418.3 M	2178.6 M
---------	-------------------------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_033PUP	FN:28	PRODUCER	05-Sep-2021 16:05	
RTB	FMS_DSI_NGS_033PUP	FN:29	PRODUCER	05-Sep-2021 16:05	

Company: International Ocean Discovery Program Well: Expedition 396, Site U1570D

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_032LUP	PRODUCER	05-Sep-2021 16:03	2418.3 M	2178.6 M
---------	-------------------------	----------	-------------------	----------	----------

Output DLIS Files

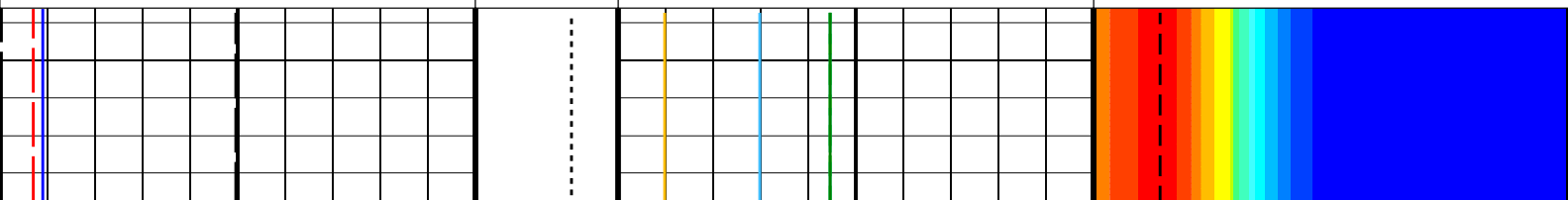
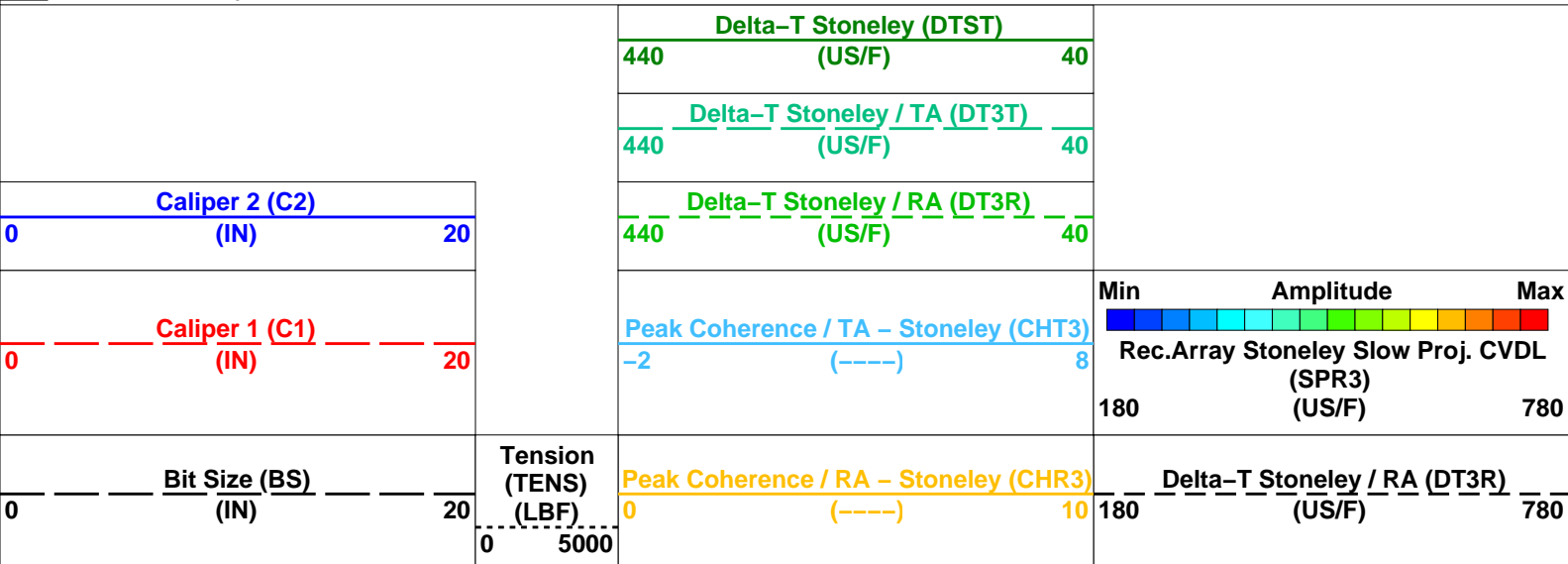
DEFAULT	FMS_DSI_NGS_033PUP	FN:28	PRODUCER	05-Sep-2021 16:05	2418.3 M	2178.6 M
RTB	FMS_DSI_NGS_033PUP	FN:29	PRODUCER	05-Sep-2021 16:05	2418.3 M	2178.6 M

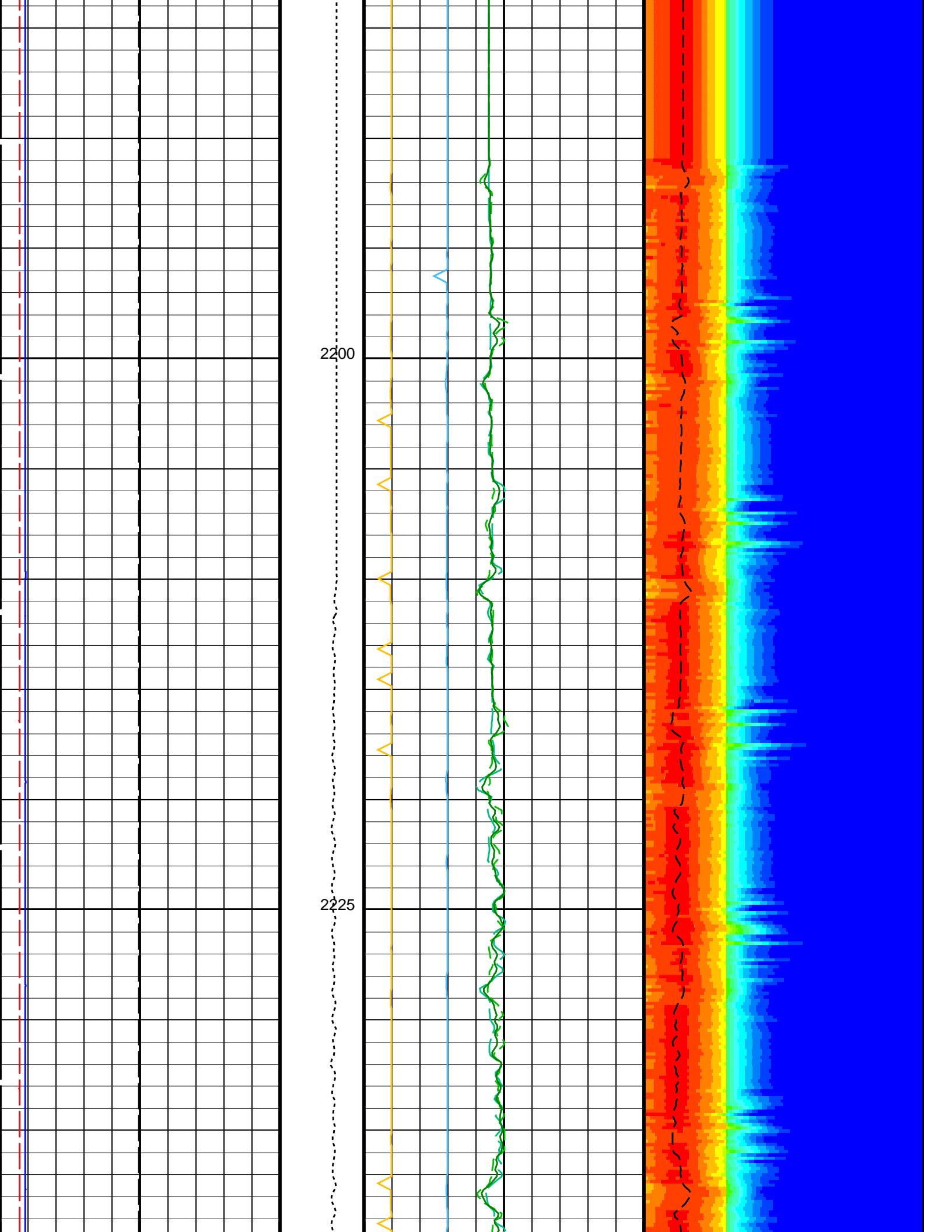
OP System Version: 19C0-187

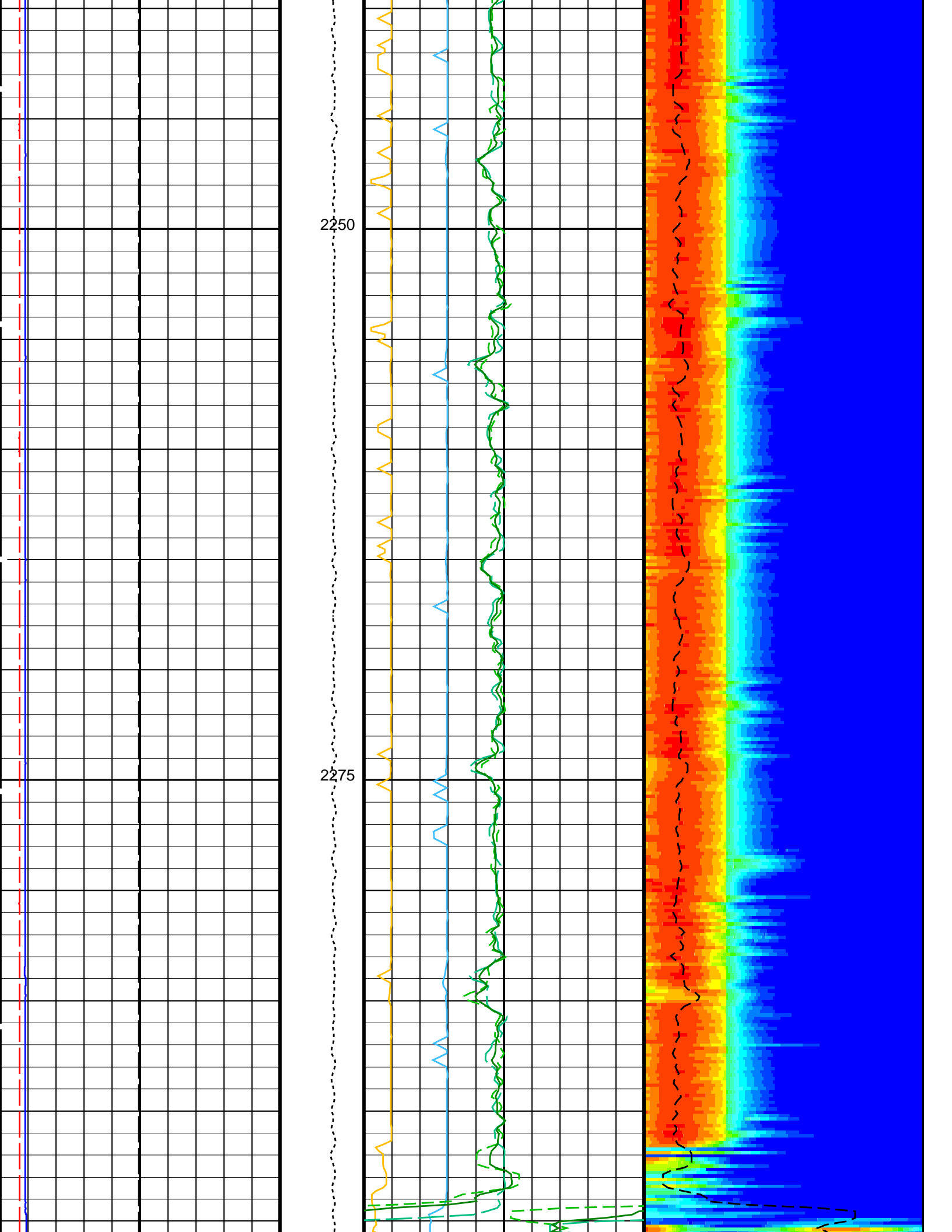
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

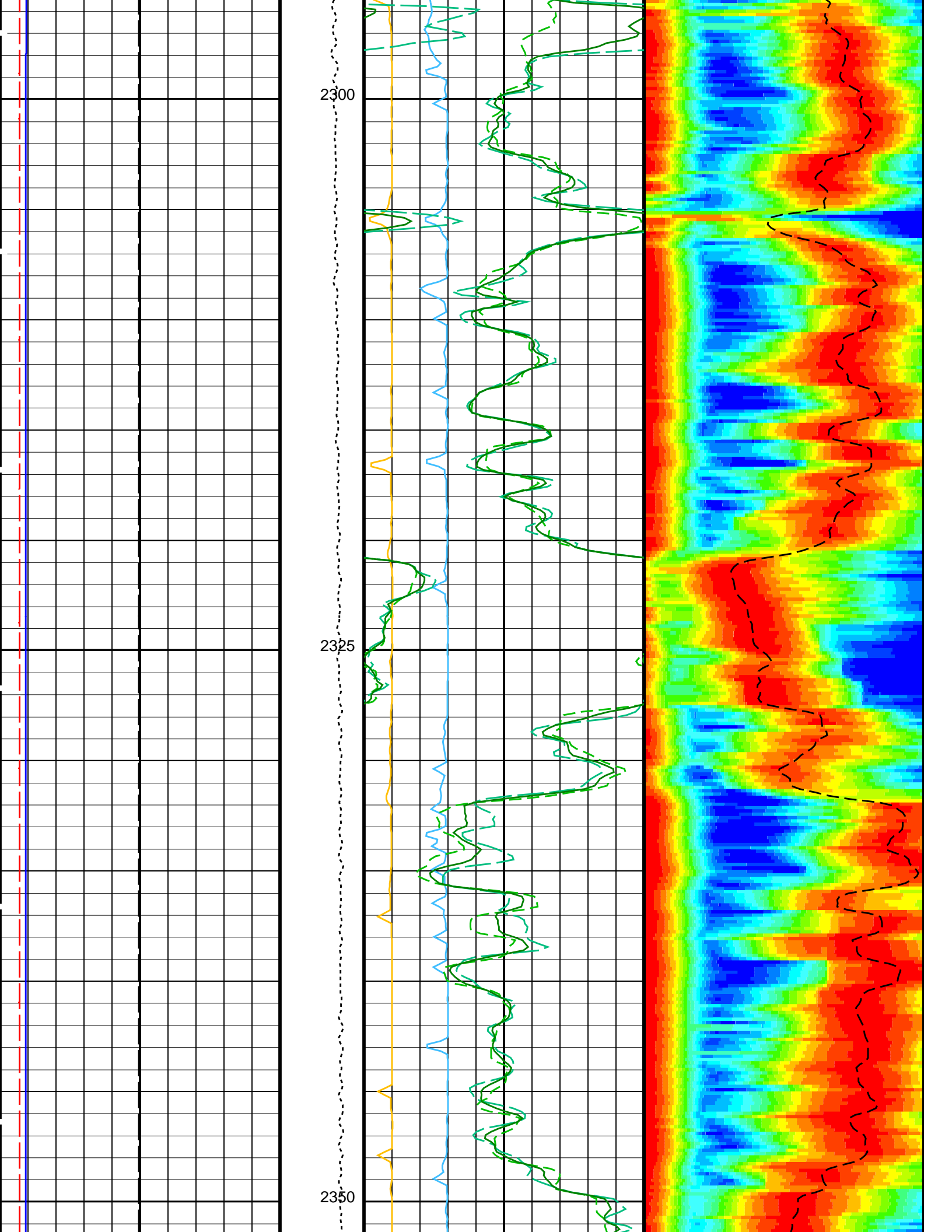
PIP SUMMARY

Time Mark Every 60 S





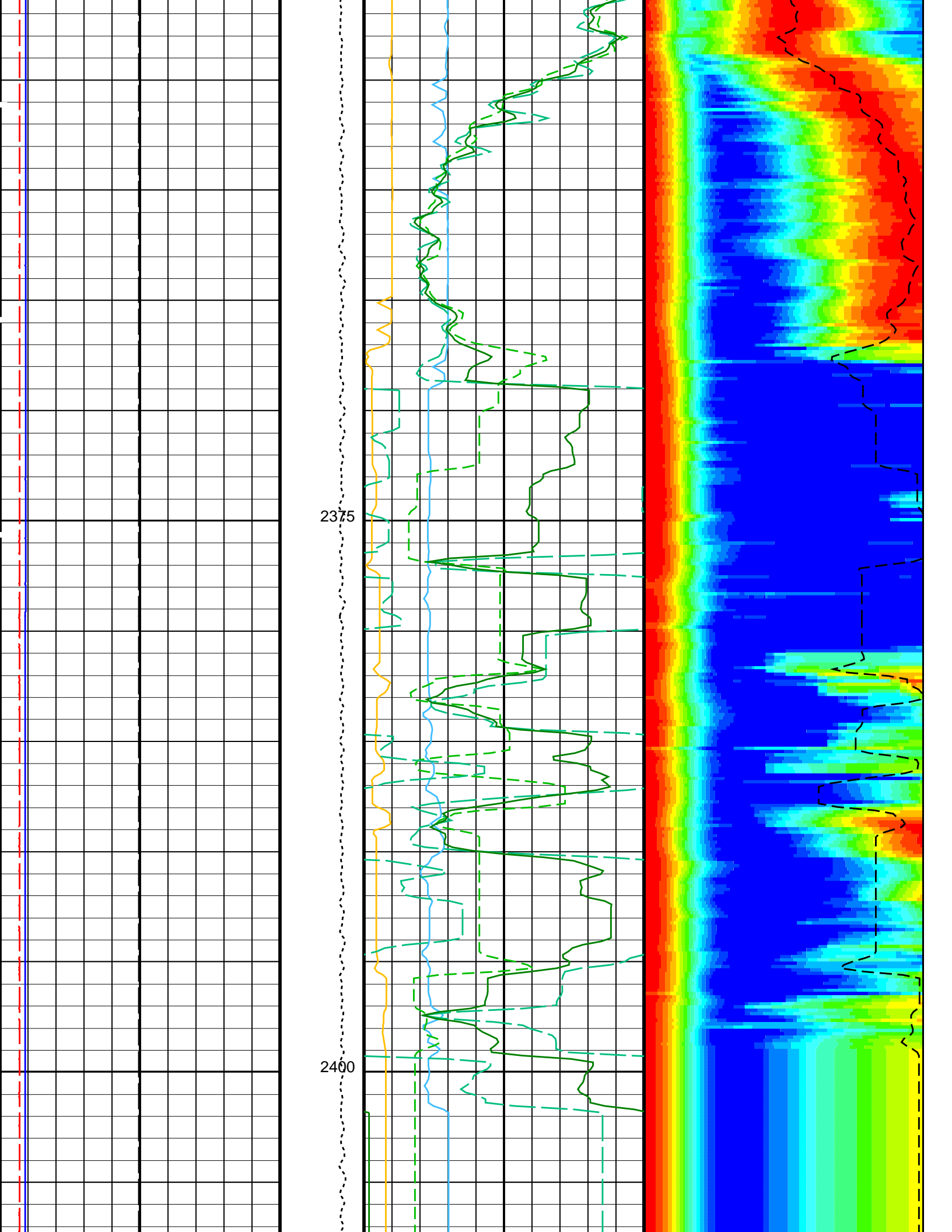


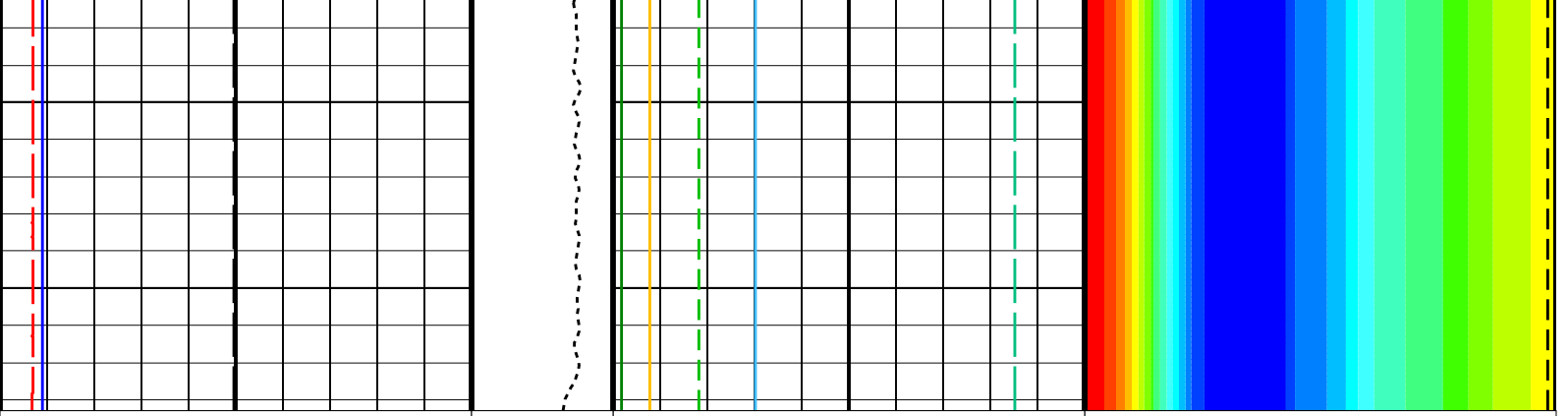


2300

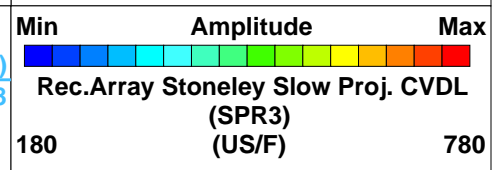
2325

2350





0	Bit Size (BS) (IN)	20	Tension (TENS) (LBF)	0	Peak Coherence / RA - Stoneley (CHR3) (-----)	10	Delta-T Stoneley / RA (DT3R) (US/F)	180	780
0	Caliper 1 (C1) (IN)	20	0	5000	Peak Coherence / TA - Stoneley (CHT3) (-----)	8	Delta-T Stoneley / RA (DT3R) (US/F)	440	40
0	Caliper 2 (C2) (IN)	20			Delta-T Stoneley / TA (DT3T) (US/F)	40	Delta-T Stoneley (DTST) (US/F)	440	40



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	210 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

TS13	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: 05-Sep-2021 16:05

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_032LUP	PRODUCER	05-Sep-2021 16:03	2418.3 M	2178.6 M	
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_033PUP	FN:28	PRODUCER	05-Sep-2021 16:05		
RTB	FMS_DSI_NGS_033PUP	FN:29	PRODUCER	05-Sep-2021 16:05		

Company: International Ocean Discovery Program Well: Expedition 396, Site U1570D

Input DLIS Files						
DEFAULT	Flip_FMS_DSI_NGS_032LUP	PRODUCER	05-Sep-2021 16:03	2418.3 M	2178.6 M	
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_033PUP	FN:28	PRODUCER	05-Sep-2021 16:05	2418.3 M	2178.6 M
RTB	FMS_DSI_NGS_033PUP	FN:29	PRODUCER	05-Sep-2021 16:05	2418.3 M	2178.6 M


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

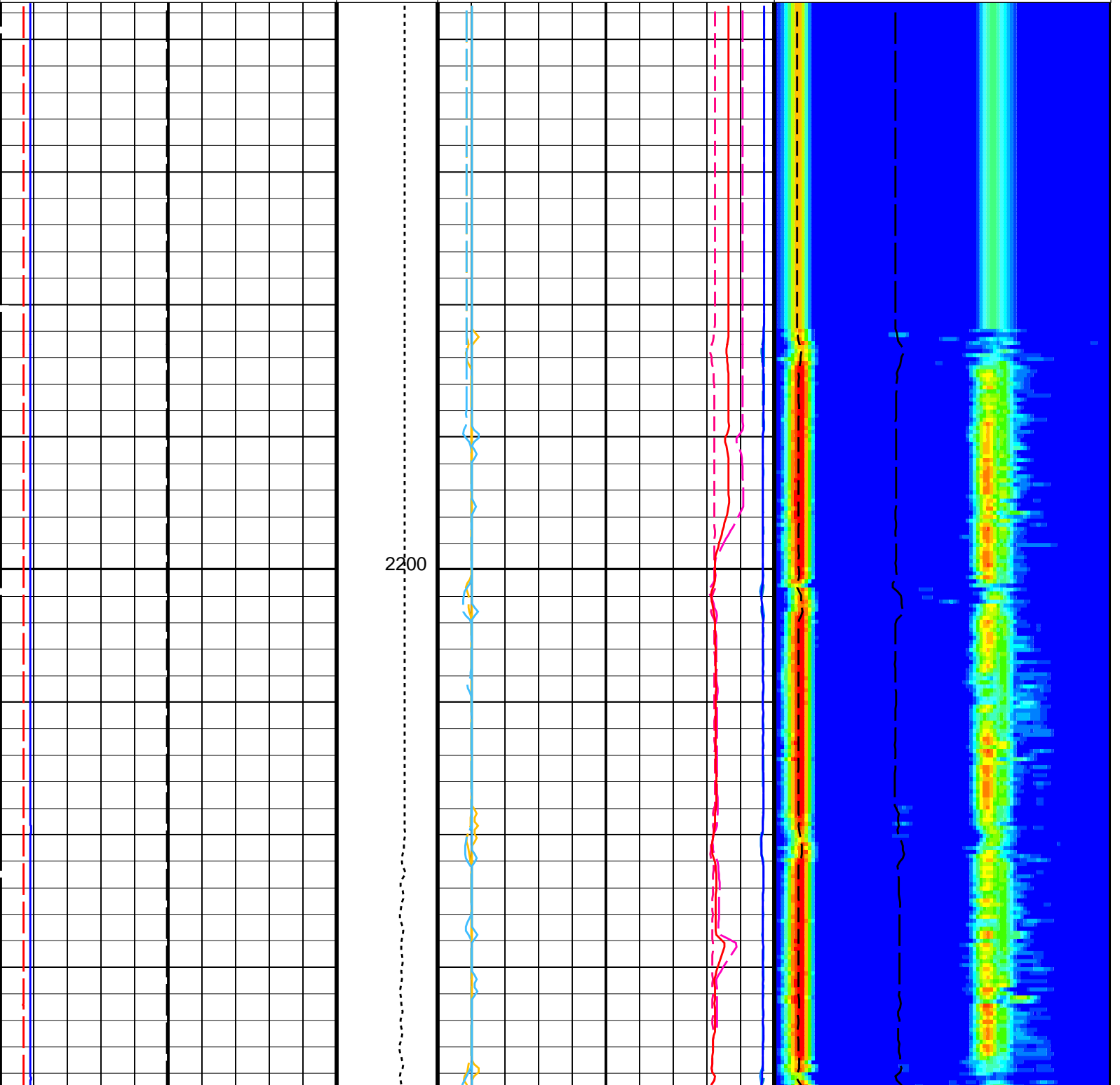
Changed Parameter Summary				
DLIS Name	New Value	Previous Value	Depth & Time	
COLL	90 US/F 40 US/F	40 US/F 90 US/F	2418.3 16:05:43 2295.0 16:06:03	

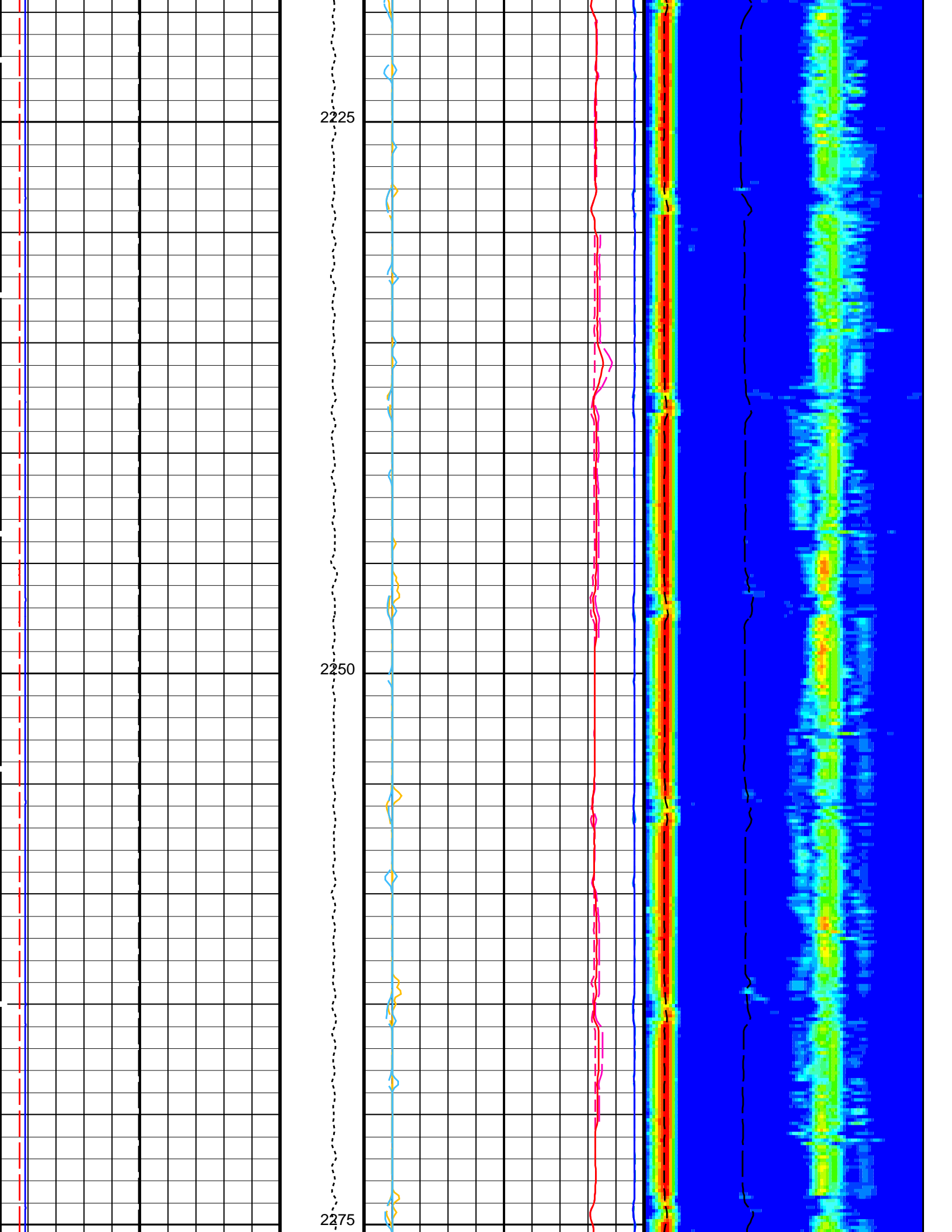
PIP SUMMARY

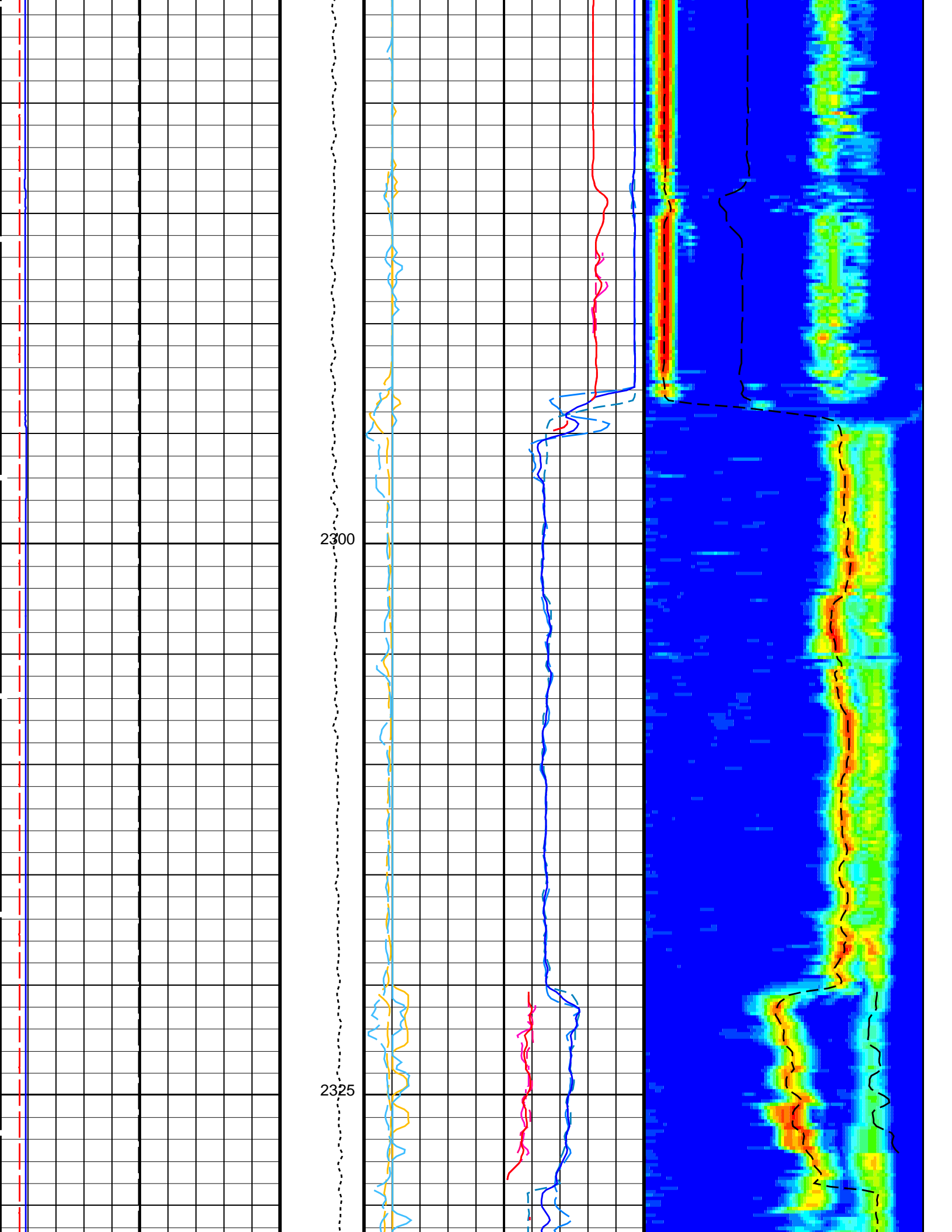
Time Mark Every 60 S

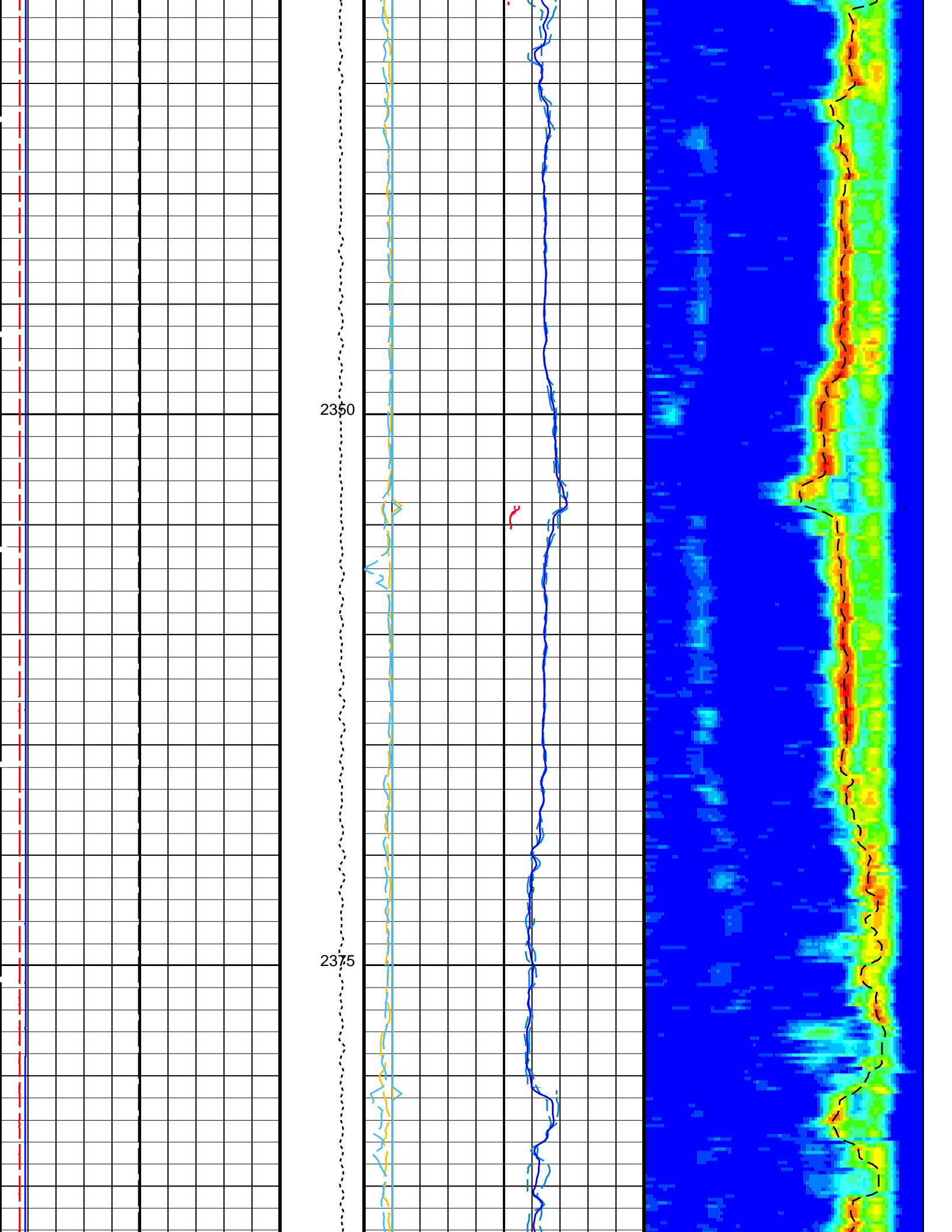
Peak Coherence / TA - P & S Shear (CHTS)	-1	(----)	9
Delta-T Shear - P & S (DT4S)	440	(US/F)	40
Delta-T Shear / TA - P & S (DTTS)	440	(US/F)	40
Delta-T Shear / RA - P & S (DTRS)	440	(US/F)	40
Delta-T Comp - P & S (DT4P)	440	(US/F)	40

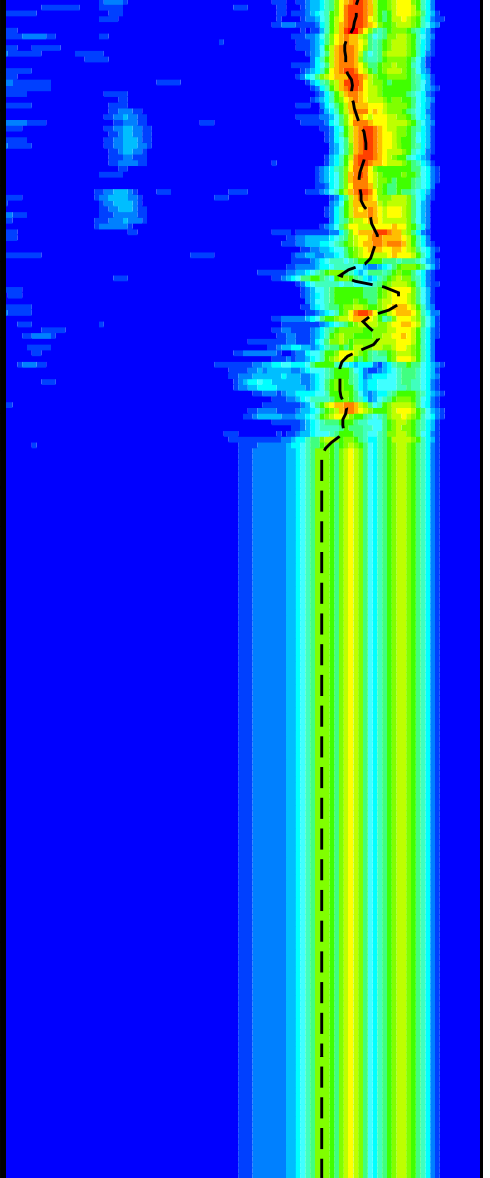
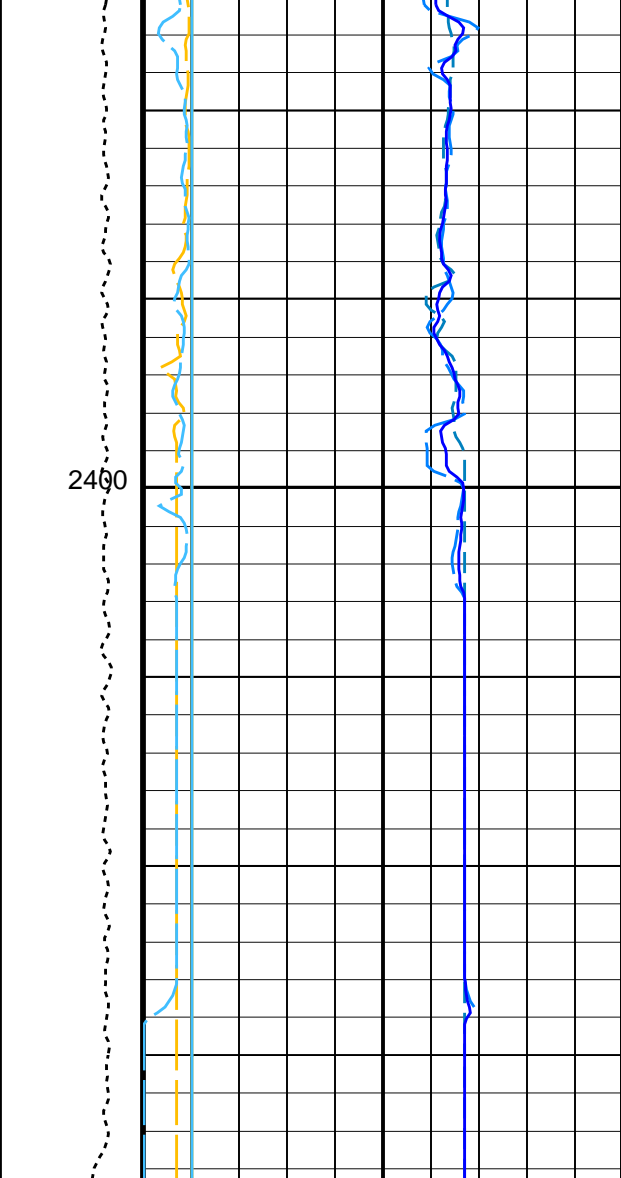
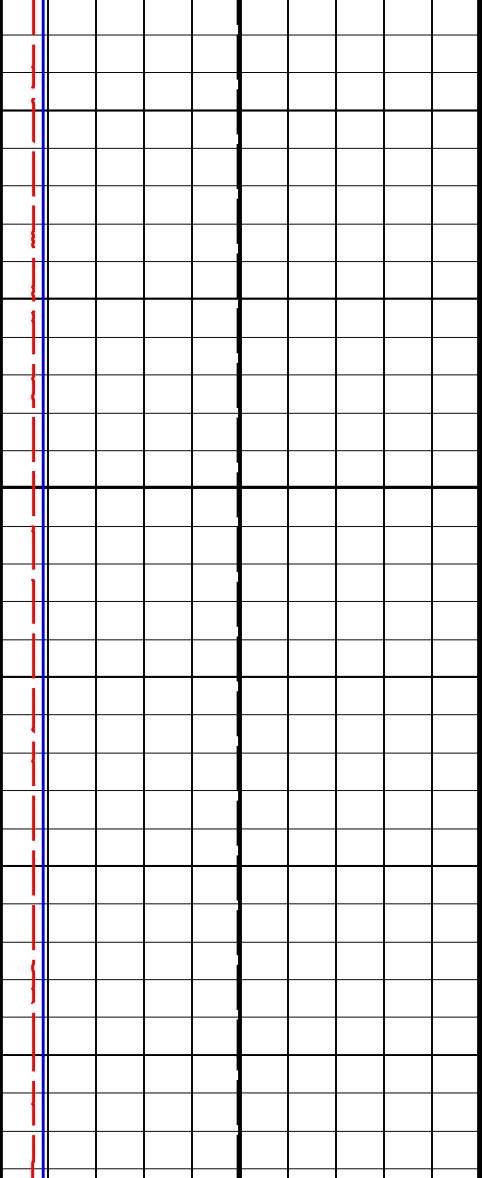
		<u>Delta-T Comp / TA - P & S (DTRP)</u> 440 (US/F) 40			
		<u>Delta-T Comp / RA - P & S (DTRP)</u> 440 (US/F) 40			
<u>Caliper 2 (C2)</u> 0 (IN) 20		<u>Peak Coherence / RA - P & S Shear (CHRS)</u> -1 (-----) 9		Min Amplitude Max  Rec.Array P&S Slow Proj. CVDL (SPR4) 40 (US/F) 240	
<u>Caliper 1 (C1)</u>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











Bit Size (BS)
(IN) 0 20

Caliper 1 (C1)
(IN) 0 20

Caliper 2 (C2)
(IN) 0 20

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

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

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

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

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

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

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

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

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

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

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	210	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	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: 05-Sep-2021 16:05

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_032LUP PRODUCER 05-Sep-2021 16:03 2418.3 M 2178.6 M

Output DLIS Files

DEFAULT FMS_DSI_NGS_033PUP FN:28 PRODUCER 05-Sep-2021 16:05
 RTB FMS_DSI_NGS_033PUP FN:29 PRODUCER 05-Sep-2021 16:05



First Pass

MAXIS Field Log

Input DLIS Files

DEFAULT FMS_DSI_NGS_030LUP FN:24 PRODUCER 05-Sep-2021 15:05 2416.3 M 2335.5 M

Output DLIS Files

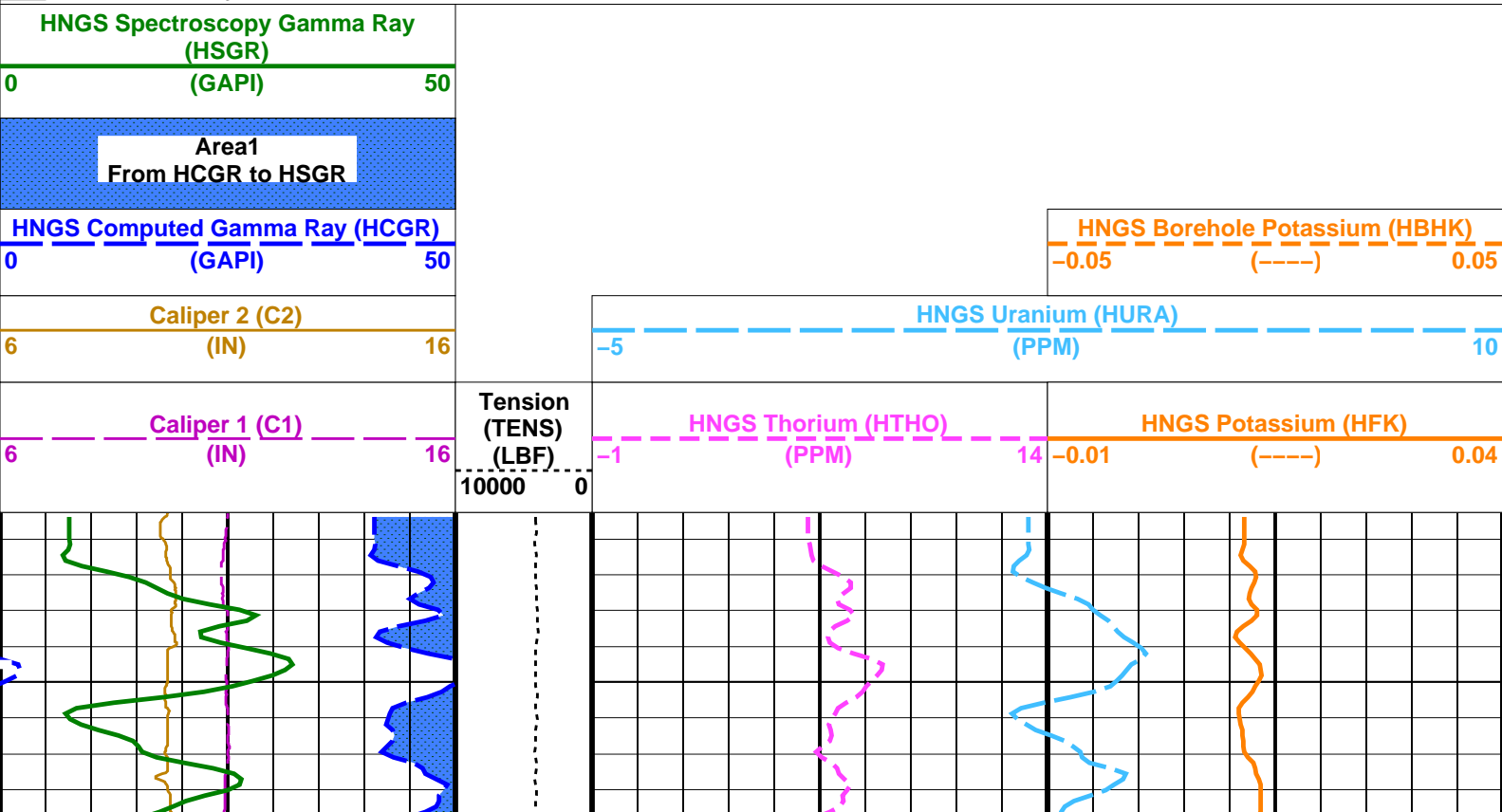
DEFAULT FMS_DSI_NGS_034PUP FN:30 PRODUCER 05-Sep-2021 16:07 2416.3 M 2335.2 M
 RTB FMS_DSI_NGS_034PUP FN:31 PRODUCER 05-Sep-2021 16:07 2416.3 M 2335.2 M

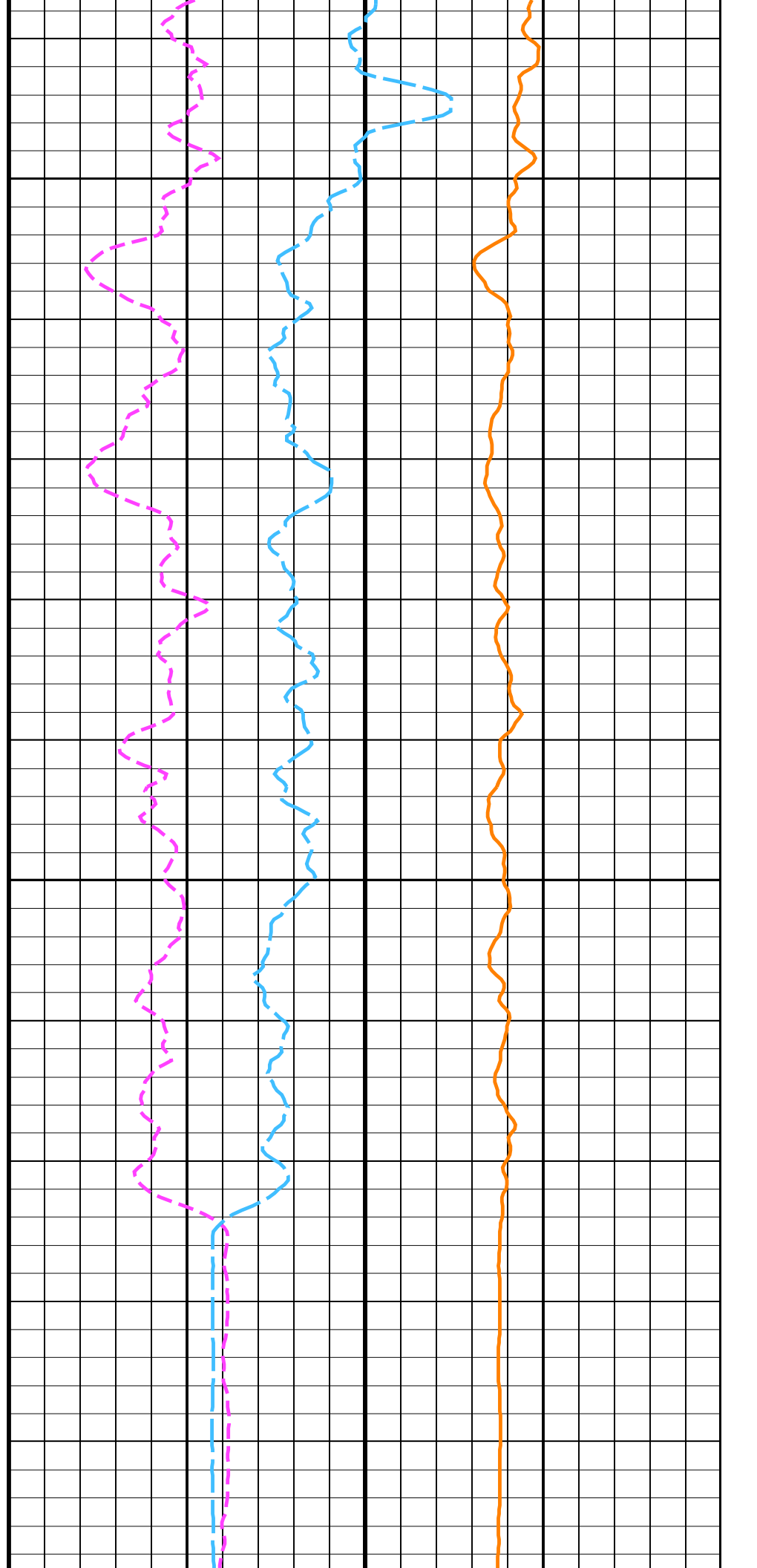
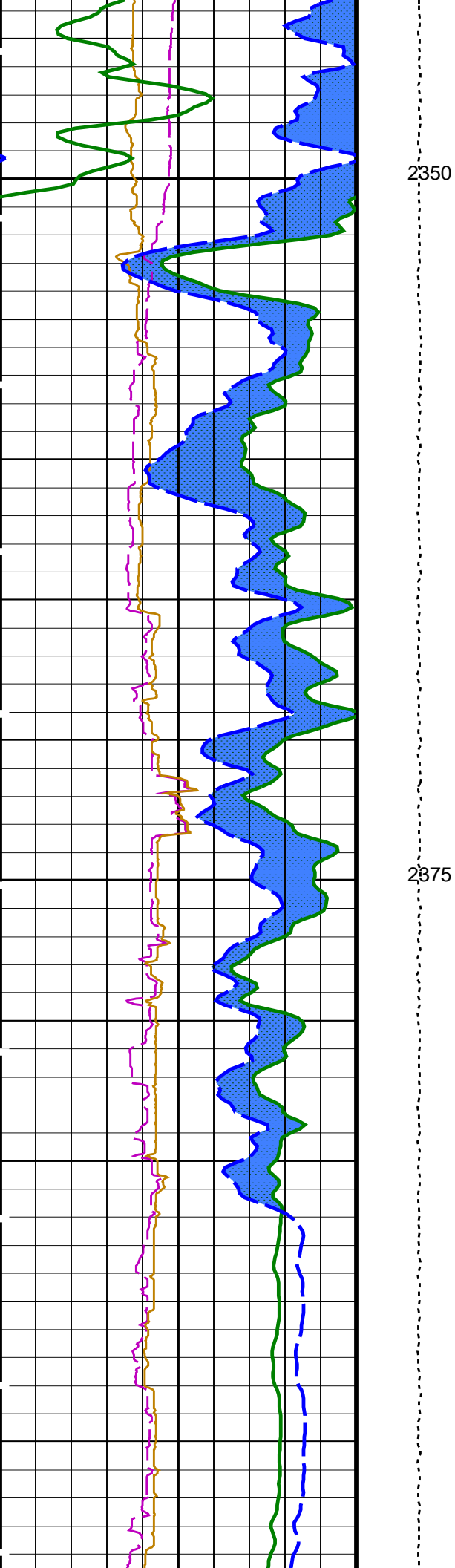
OP System Version: 19C0-187

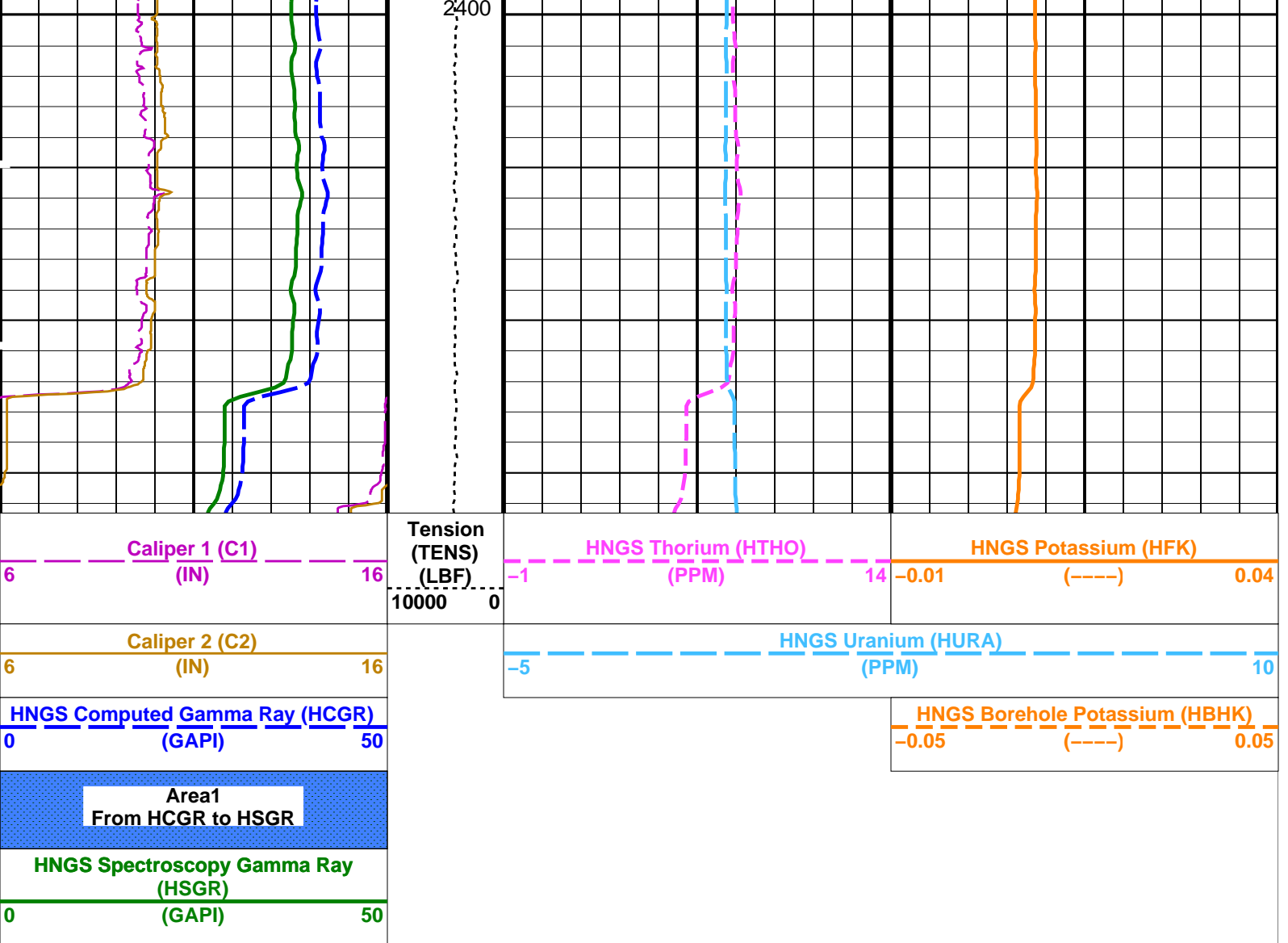
MEST-B 19C0-187 DTA-A 19C0-187
 DSST-B 19C0-187 HNGC-B 19C0-187
 HNGS-BA 19C0-187 DTC-H 19C0-187

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	-0.00209213
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	0.924203
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.954204
System and Miscellaneous		
BS	Bit Size	9.875 IN

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_030LUP	FN:24	PRODUCER	05-Sep-2021 15:05	2416.3 M	2335.5 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_034PUP	FN:30	PRODUCER	05-Sep-2021 16:07		
RTB	FMS_DSI_NGS_034PUP	FN:31	PRODUCER	05-Sep-2021 16:07		

Input DLIS Files

DEFAULT	FMS_DSI_NGS_030LUP	FN:24	PRODUCER	05-Sep-2021 15:05	2416.3 M	2335.5 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

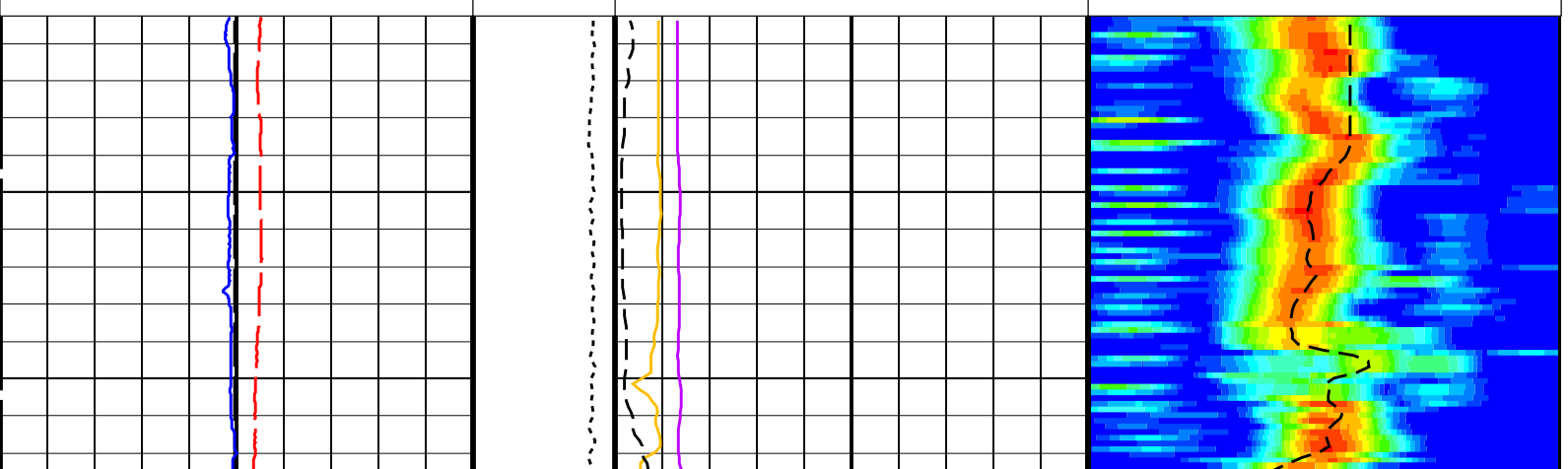
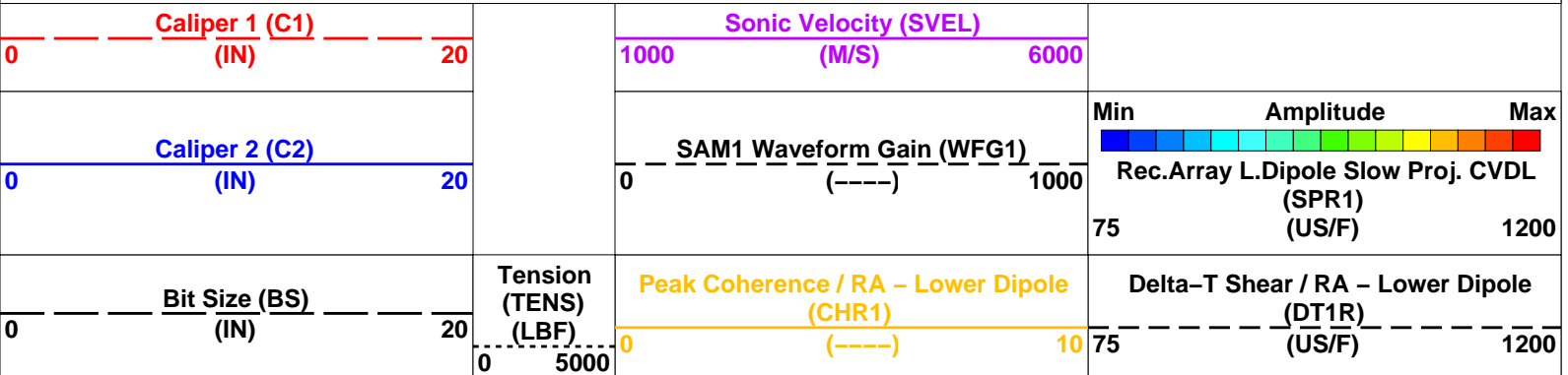
DEFAULT	FMS_DSI_NGS_034PUP	FN:30	PRODUCER	05-Sep-2021 16:07	2416.3 M	2335.2 M
RTB	FMS_DSI_NGS_034PUP	FN:31	PRODUCER	05-Sep-2021 16:07	2416.3 M	2335.2 M

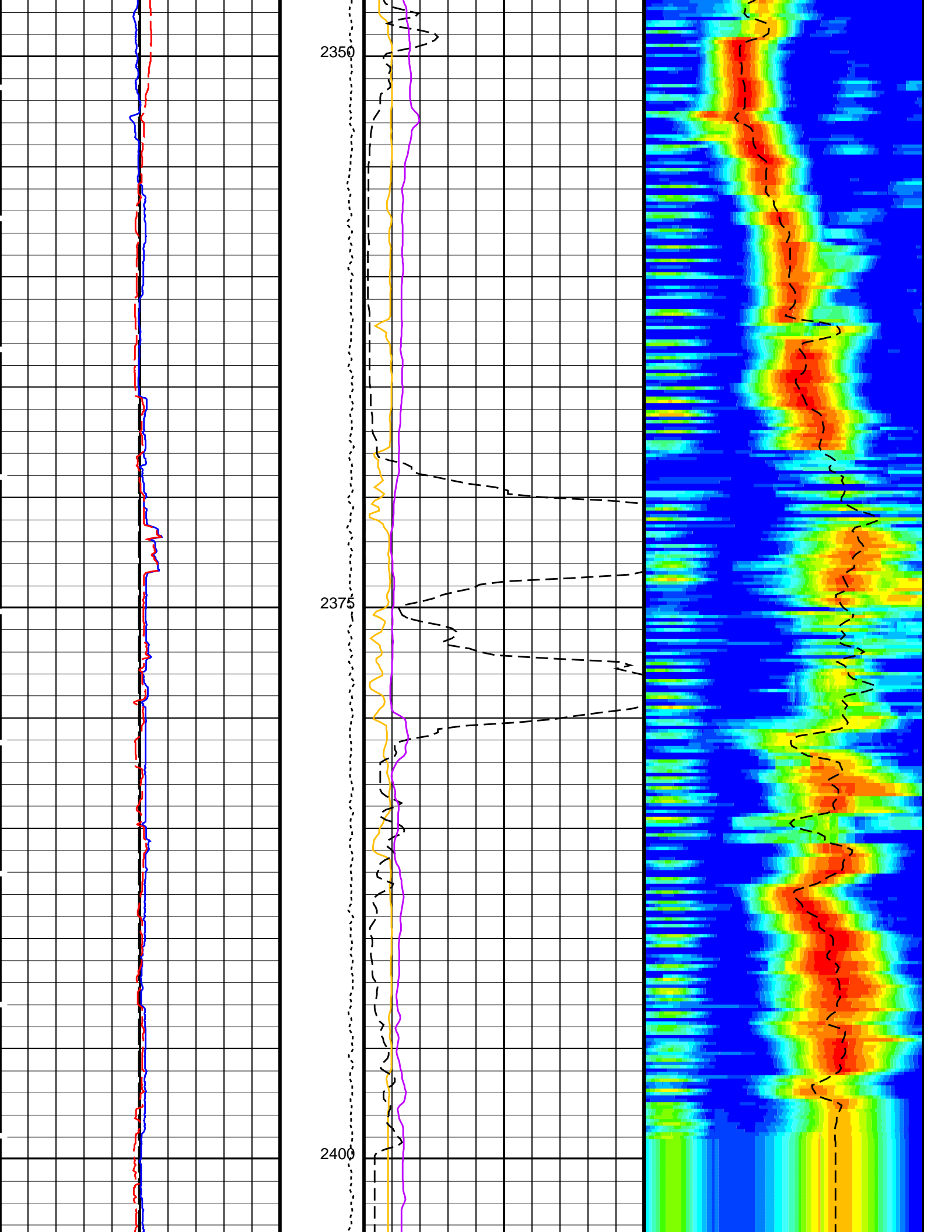
OP System Version: 19C0-187

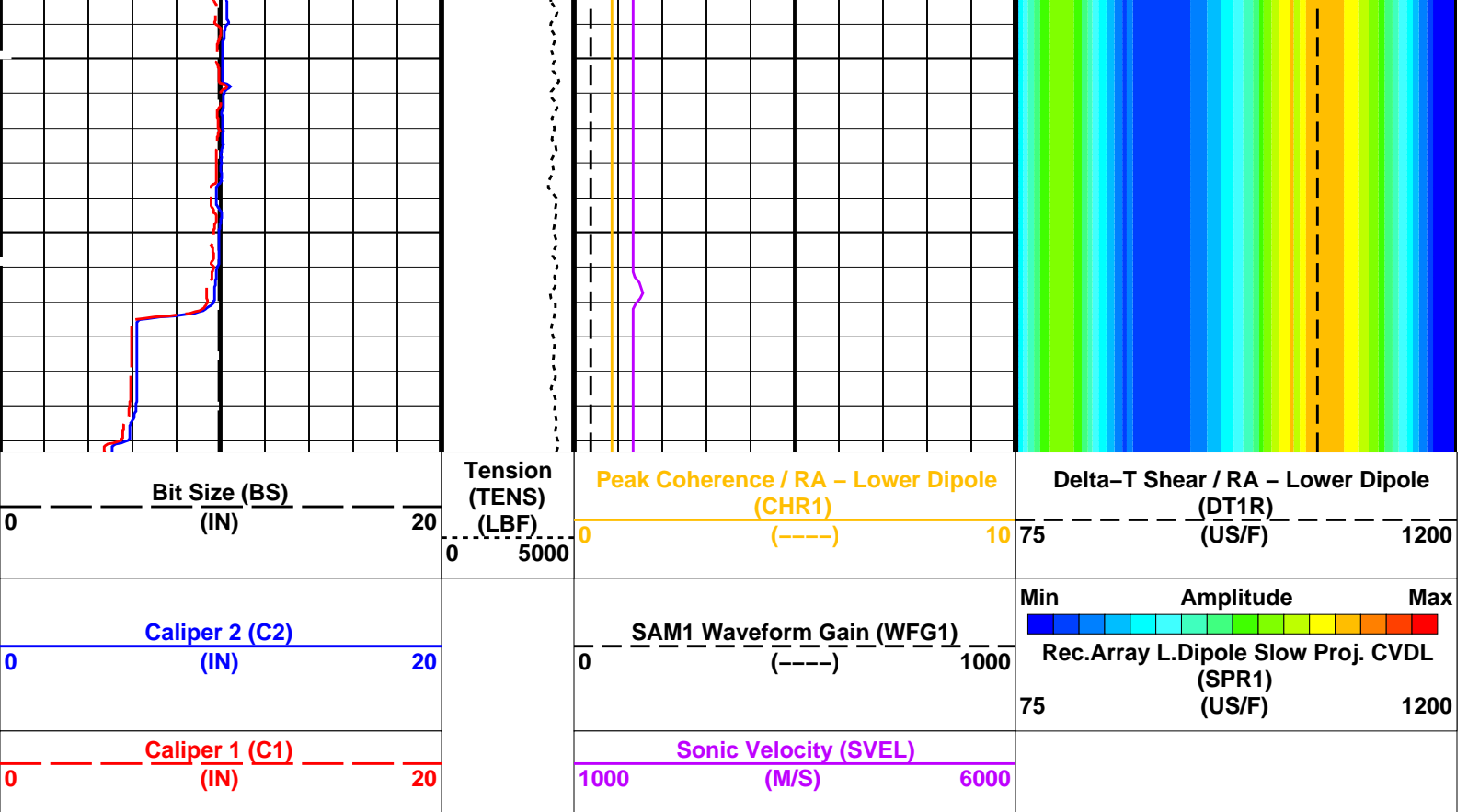
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

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		
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
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
TWL1	STC Integration Time Window - Lower Dipole	4000 US

TWR	SIC 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: 05-Sep-2021 16:07

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_030LUP	FN:24	PRODUCER	05-Sep-2021 15:05	2416.3 M	2335.5 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_034PUP	FN:30	PRODUCER	05-Sep-2021 16:07		
RTB	FMS_DSI_NGS_034PUP	FN:31	PRODUCER	05-Sep-2021 16:07		

Input DLIS Files

DEFAULT	FMS_DSI_NGS_030LUP	FN:24	PRODUCER	05-Sep-2021 15:05	2416.3 M	2335.5 M
---------	--------------------	-------	----------	-------------------	----------	----------


Output DLIS Files

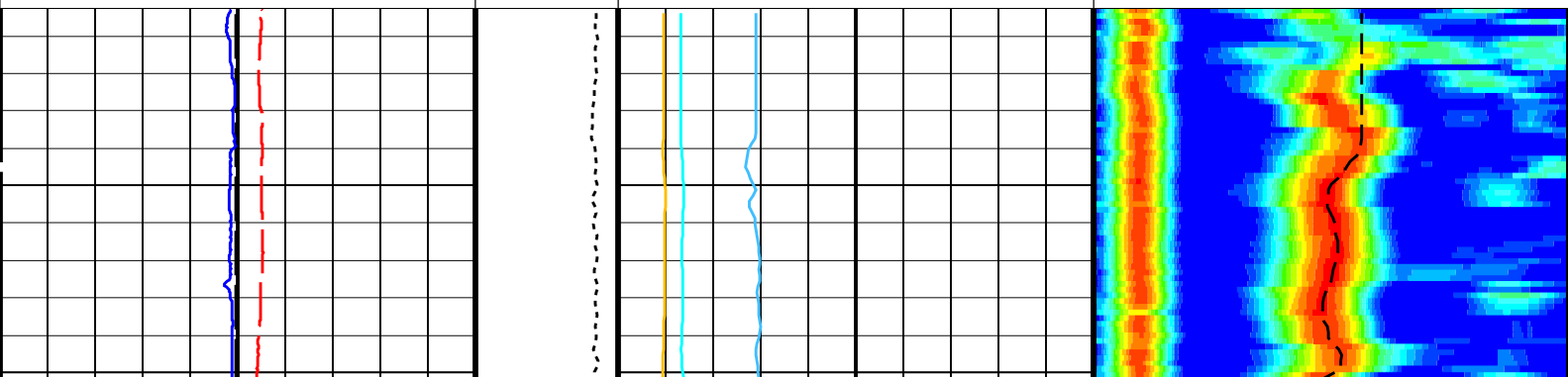
DEFAULT	FMS_DSI_NGS_034PUP	FN:30	PRODUCER	05-Sep-2021 16:07	2416.3 M	2335.2 M
RTB	FMS_DSI_NGS_034PUP	FN:31	PRODUCER	05-Sep-2021 16:07	2416.3 M	2335.2 M

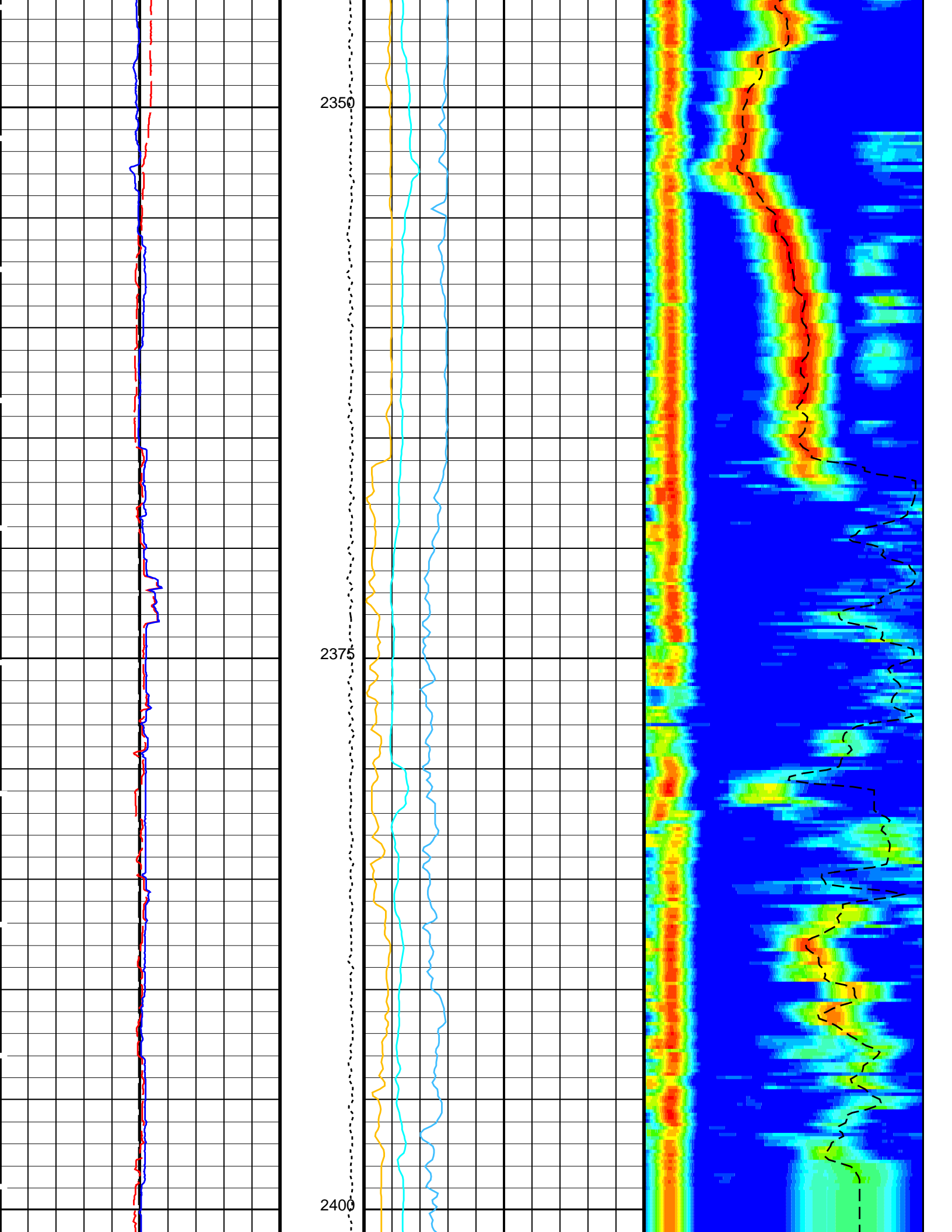
OP System Version: 19C0-187

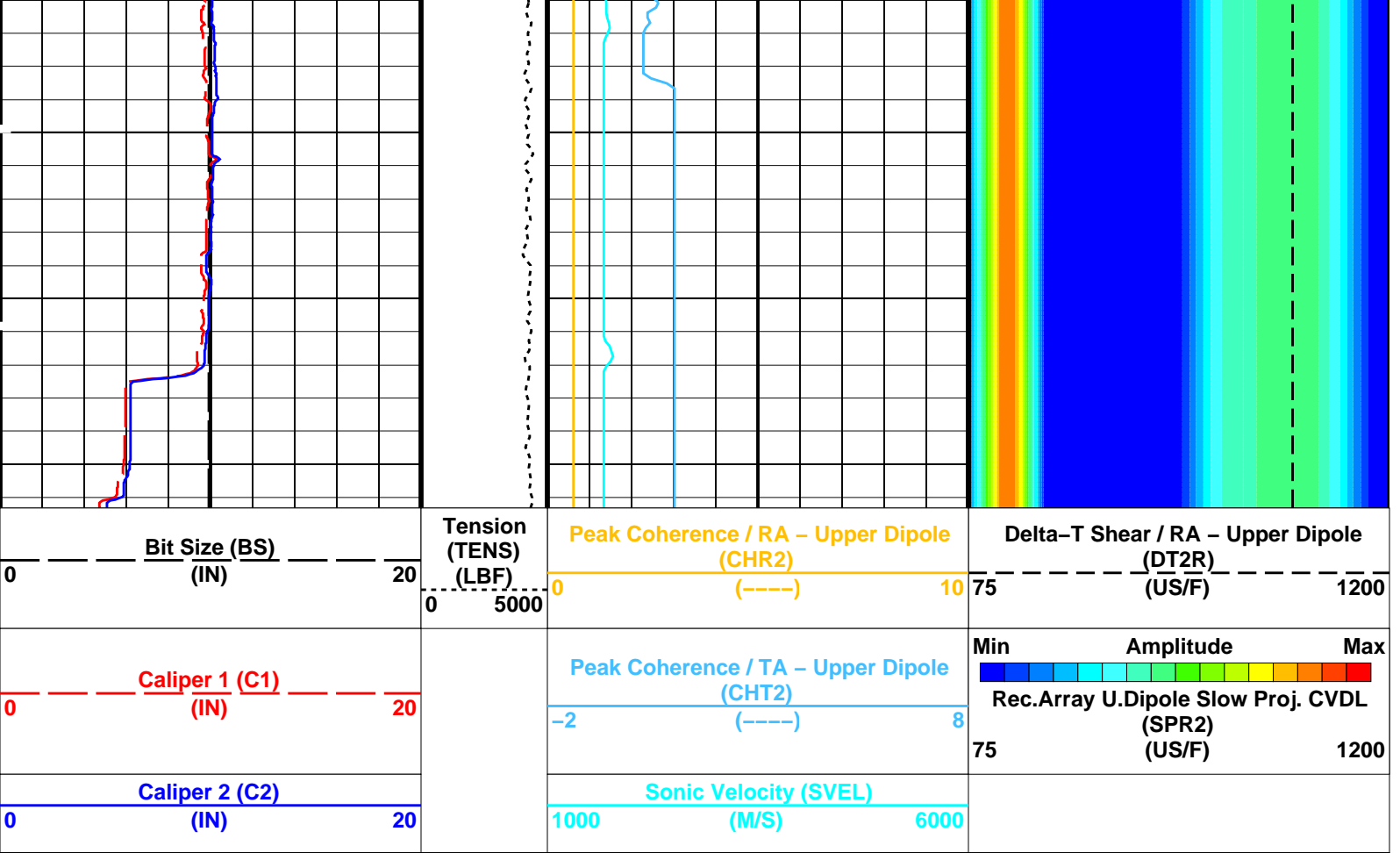
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

PIP SUMMARY

<input type="checkbox"/> Time Mark Every 60 S			
Caliper 2 (C2) 0 (IN) 20		Sonic Velocity (SVEL) 1000 (M/S) 6000	
Caliper 1 (C1) 0 (IN) 20		Peak Coherence / TA - Upper Dipole (CHT2) -2 (----) 8	Min  Max Rec.Array U.Dipole Slow Proj. CVDL (SPR2) (US/F) 1200
Bit Size (BS) 0 (IN) 20	Tension (TENS) (LBF) 0 5000	Peak Coherence / RA - Upper Dipole (CHR2) 0 (----) 10	







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	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: 05-Sep-2021 16:07

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_030LUP	FN:24	PRODUCER	05-Sep-2021 15:05	2416.3 M	2335.5 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_034PUP	FN:30	PRODUCER	05-Sep-2021 16:07		
RTB	FMS_DSI_NGS_034PUP	FN:31	PRODUCER	05-Sep-2021 16:07		

Company: International Ocean Discovery Program Well: Expedition 396, Site U1570D

Input DLIS Files

DEFAULT	FMS_DSI_NGS_030LUP	FN:24	PRODUCER	05-Sep-2021 15:05	2416.3 M	2335.5 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

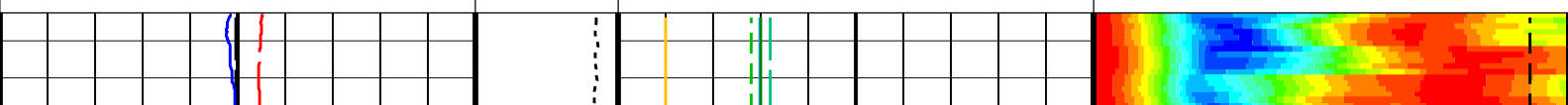
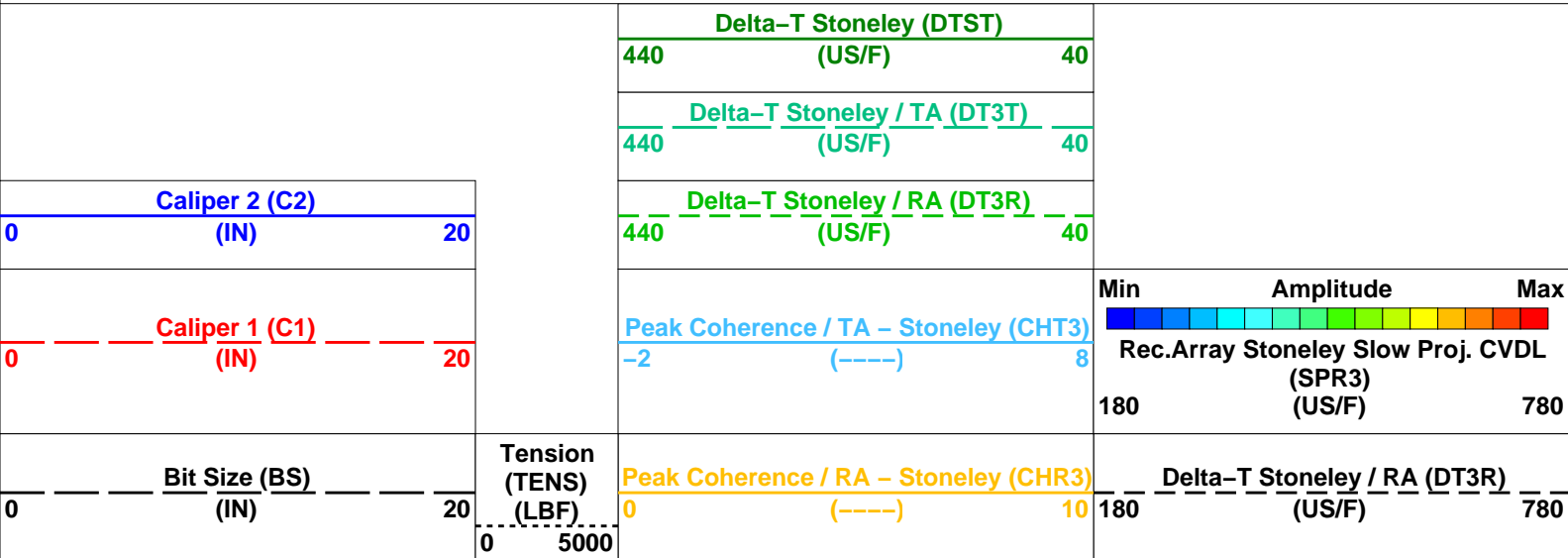
DEFAULT	FMS_DSI_NGS_034PUP	FN:30	PRODUCER	05-Sep-2021 16:07	2416.3 M	2335.2 M
RTB	FMS_DSI_NGS_034PUP	FN:31	PRODUCER	05-Sep-2021 16:07	2416.3 M	2335.2 M

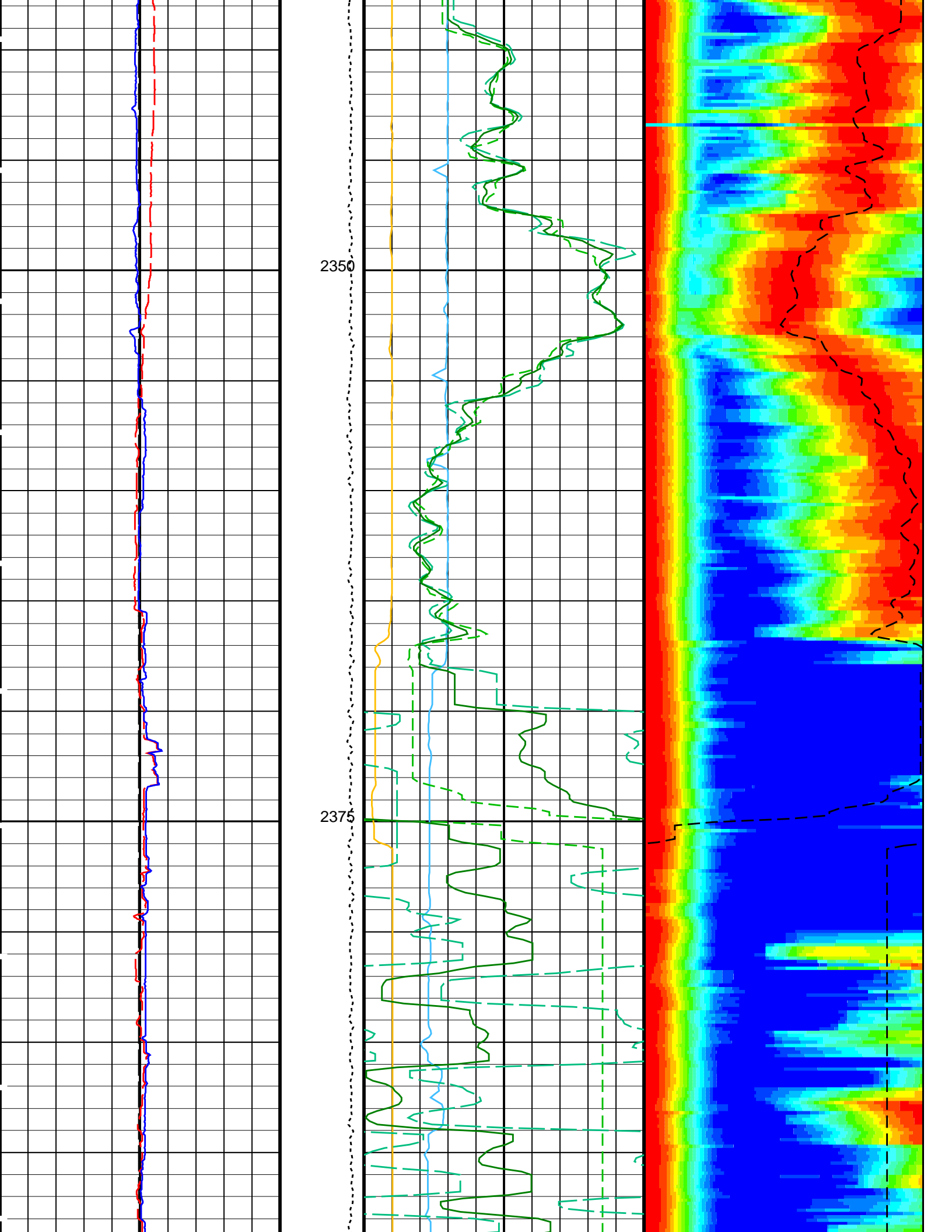
OP System Version: 19C0-187

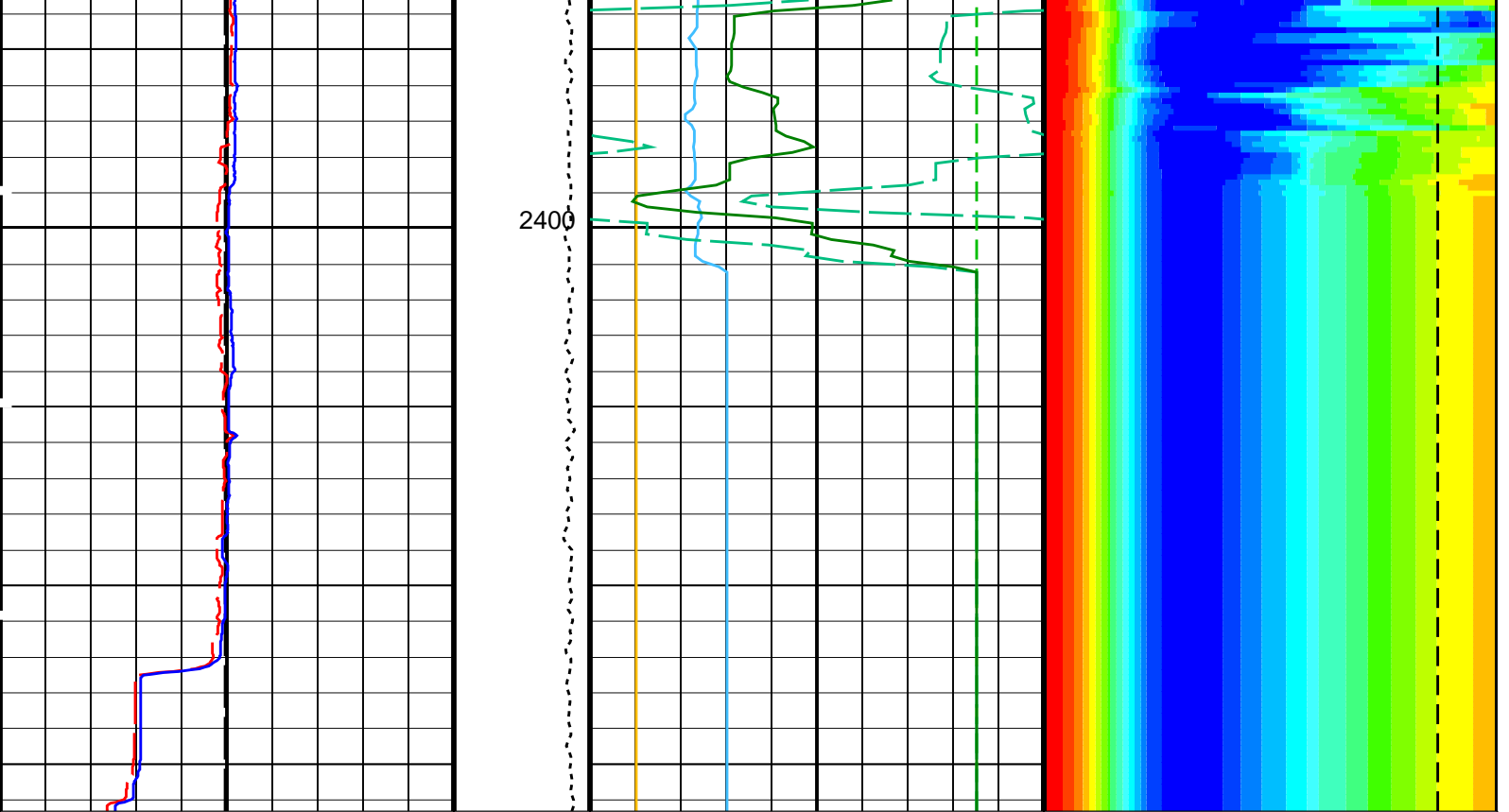
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

PIP SUMMARY

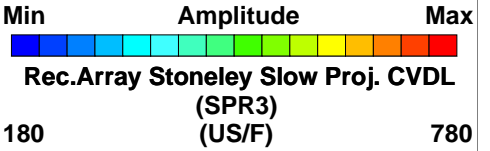
Time Mark Every 60 S







0	Bit Size (BS) (IN)	20	Tension (TENS) (LBF)	0	5000	0	Peak Coherence / RA – Stoneley (CHR3) (----)	10	180	Delta-T Stoneley / RA (DT3R) (US/F)	780
0	Caliper 1 (C1) (IN)	20				-2	Peak Coherence / TA – Stoneley (CHT3) (----)	8	180	Rec.Array Stoneley Slow Proj. CVDL (SPR3) (US/F)	780
0	Caliper 2 (C2) (IN)	20				440	Delta-T Stoneley / RA (DT3R) (US/F)	40			
						440	Delta-T Stoneley / TA (DT3T) (US/F)	40			
						440	Delta-T Stoneley (DTST) (US/F)	40			



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

RX00	Receiver Geometry	330	IN
SAM3	DSST Sonic Acquisition Mode 3 – Monopole 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	210	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: 05-Sep-2021 16:07

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_030LUP	FN:24	PRODUCER	05-Sep-2021 15:05	2416.3 M	2335.5 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_034PUP	FN:30	PRODUCER	05-Sep-2021 16:07		
RTB	FMS_DSI_NGS_034PUP	FN:31	PRODUCER	05-Sep-2021 16:07		

Company: International Ocean Discovery Program Well: Expedition 396, Site U1570D

Input DLIS Files

DEFAULT	FMS_DSI_NGS_030LUP	FN:24	PRODUCER	05-Sep-2021 15:05	2416.3 M	2335.5 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_034PUP	FN:30	PRODUCER	05-Sep-2021 16:07	2416.3 M	2335.2 M
RTB	FMS_DSI_NGS_034PUP	FN:31	PRODUCER	05-Sep-2021 16:07	2416.3 M	2335.2 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

Changed Parameter Summary

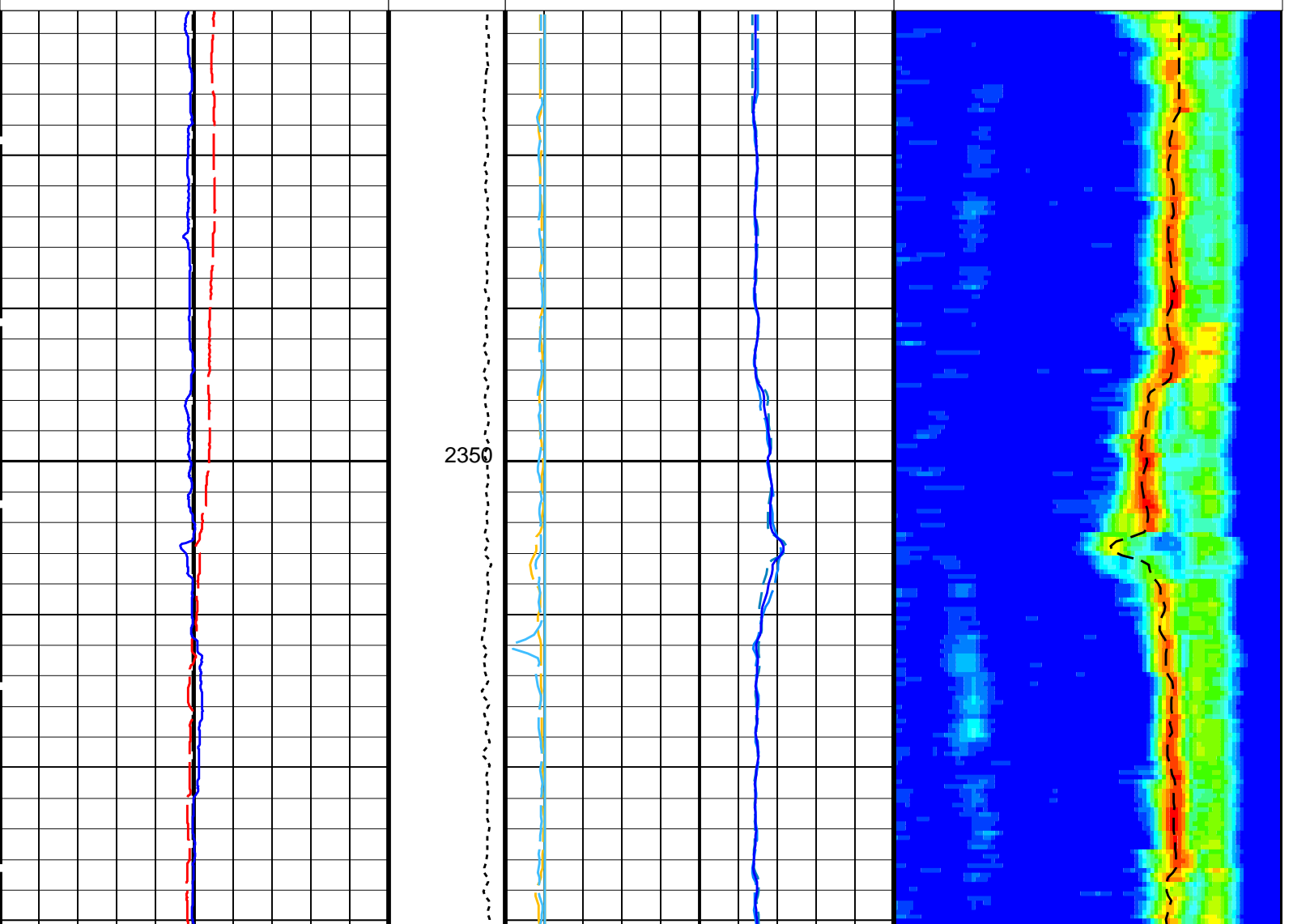
DLIS Name	New Value	Previous Value	Depth & Time
COLL	90 US/F	40 US/F	2416.3 16:07:50

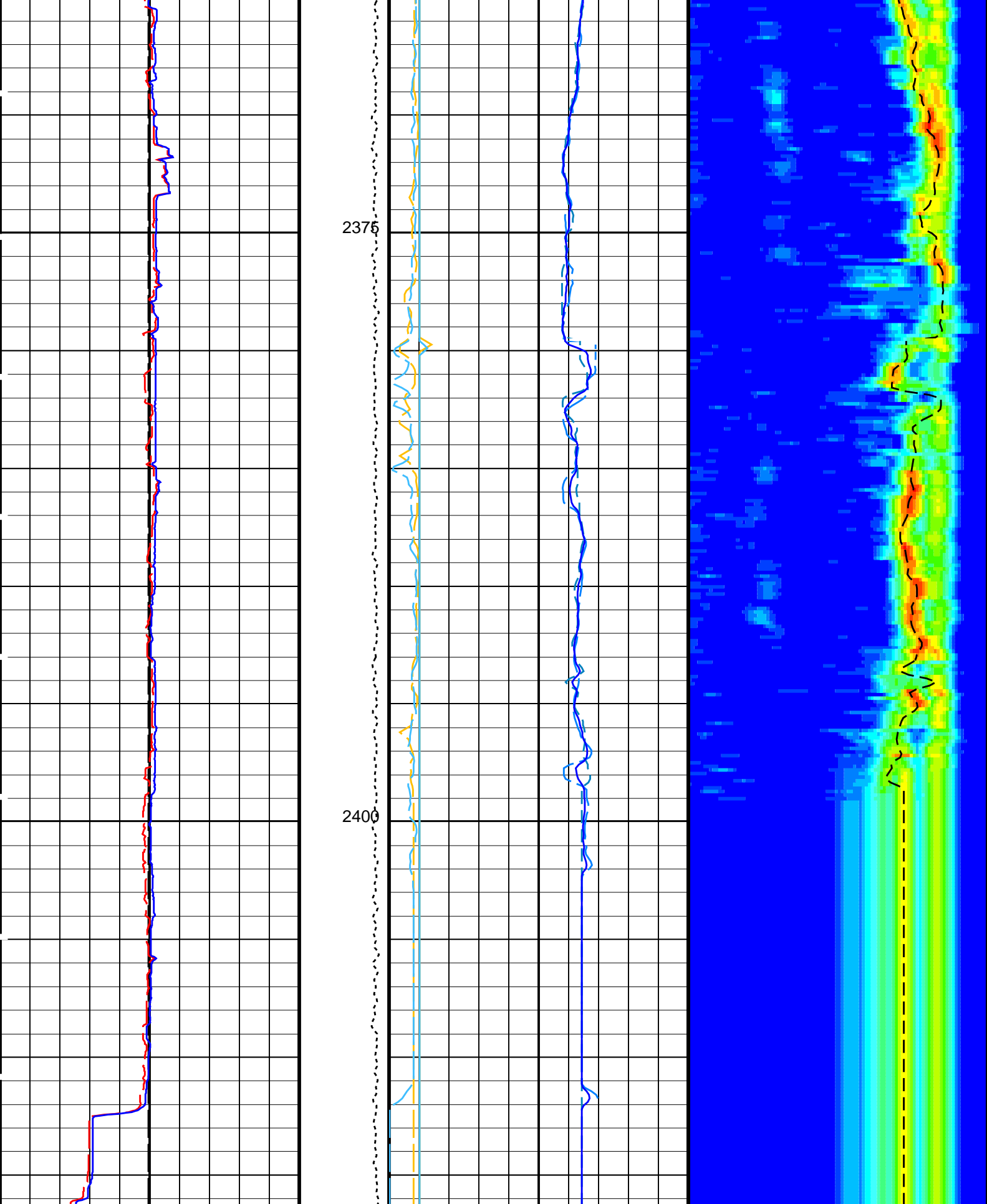
PIP SUMMARY

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





0 **Bit Size (BS)** (IN) 20

0 **Tension (TENS)** (LBF) 5000

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

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

Caliner 1 (C1)

Delta-T Shear / RA - P & S (DTRS)

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

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 P&S	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
SHL4	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	210	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	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: 05-Sep-2021 16:07

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_030LUP	FN:24	PRODUCER	05-Sep-2021 15:05	2416.3 M	2335.5 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_034PUP	FN:30	PRODUCER	05-Sep-2021 16:07		
RTB	FMS_DSI_NGS_034PUP	FN:31	PRODUCER	05-Sep-2021 16:07		

Company: International Ocean Discovery Program Well: Expedition 396, Site U1570D

Input DLIS Files

DEFAULT	FMS_DSI_NGS_030LUP	FN:24	PRODUCER	05-Sep-2021 15:05	2416.3 M	2335.5 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_034PUP	FN:30	PRODUCER	05-Sep-2021 16:07	2416.3 M	2335.2 M
RTB	FMS_DSI_NGS_034PUP	FN:31	PRODUCER	05-Sep-2021 16:07	2416.3 M	2335.2 M

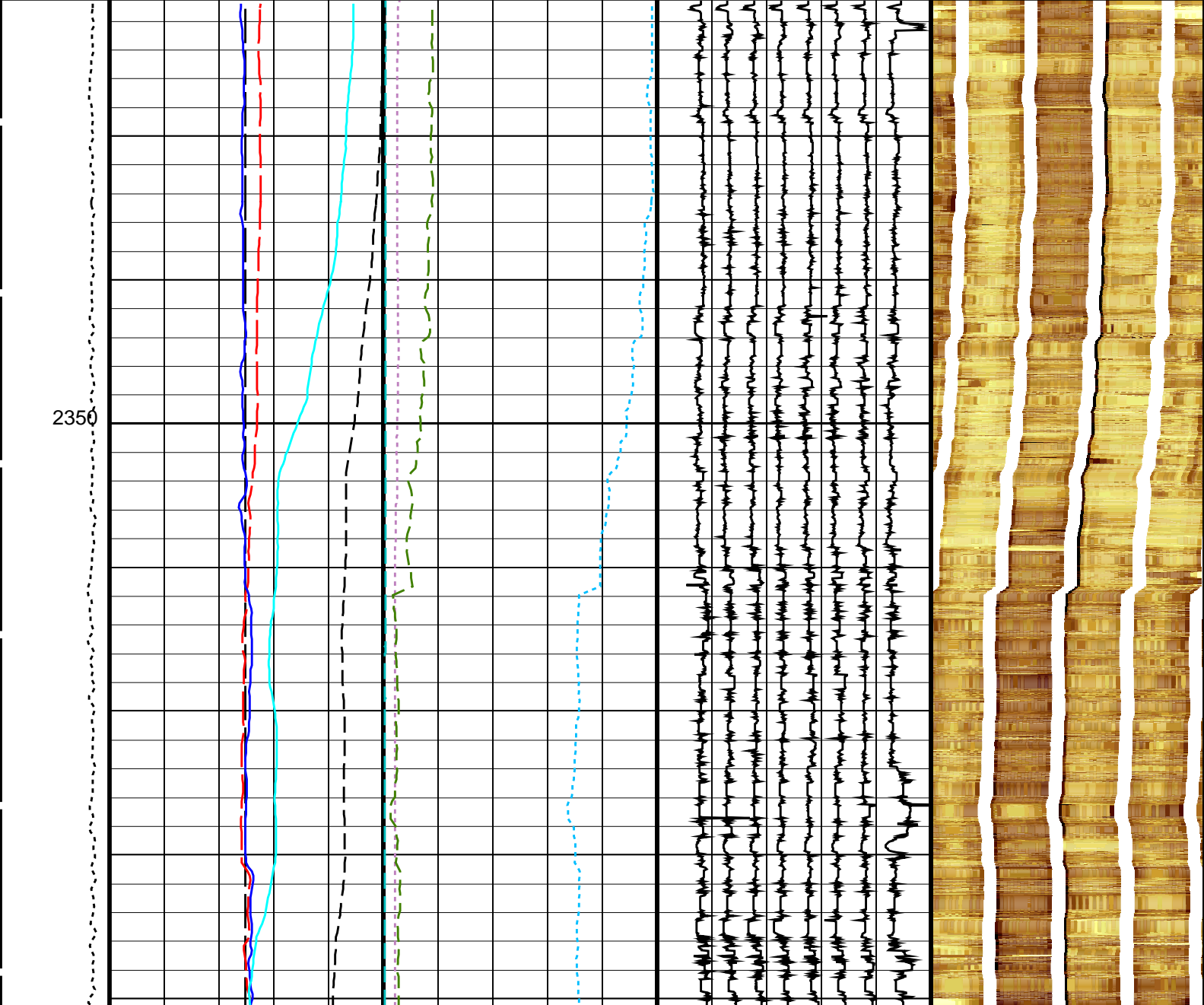
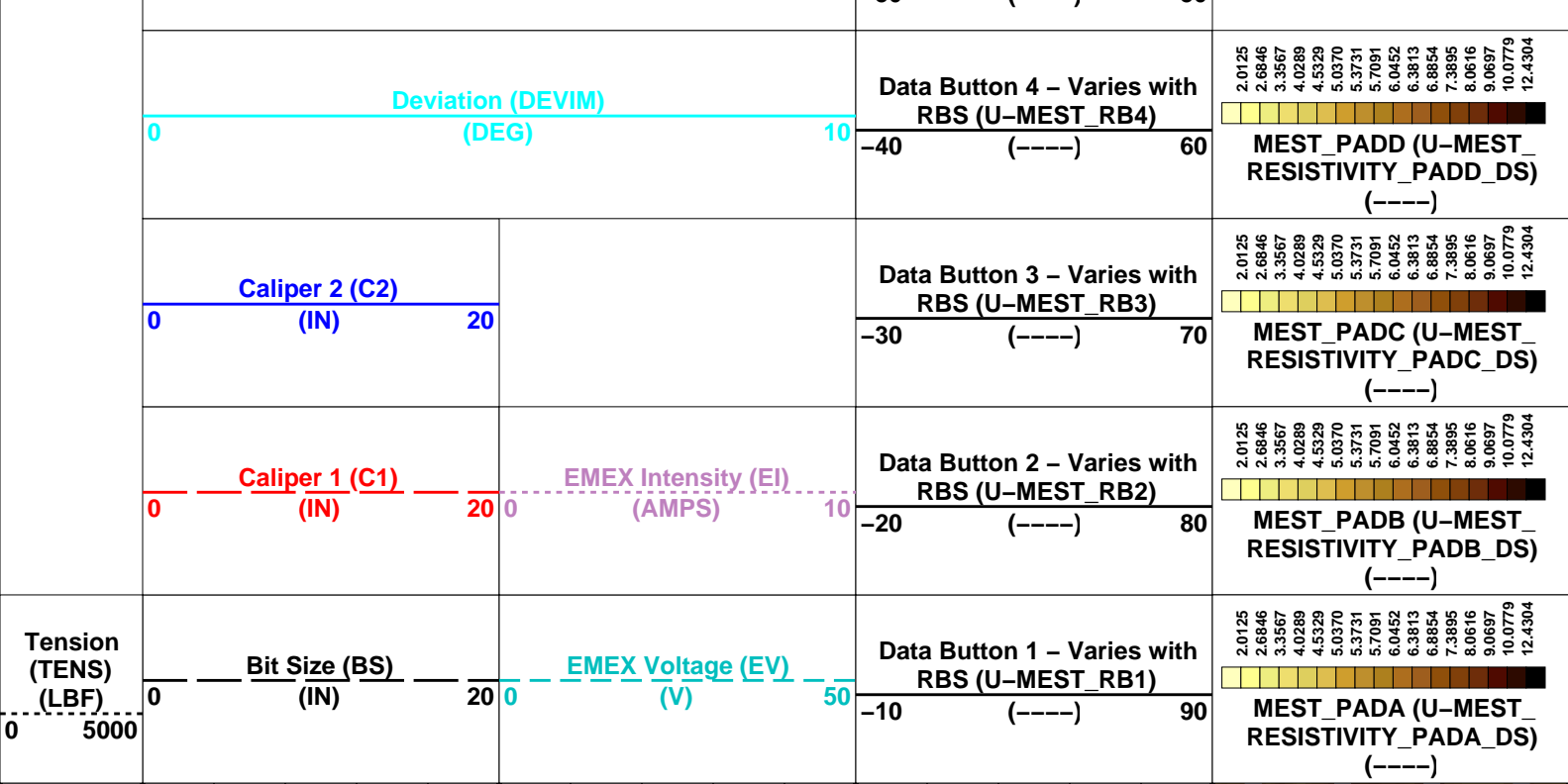
OP System Version: 19C0-187

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

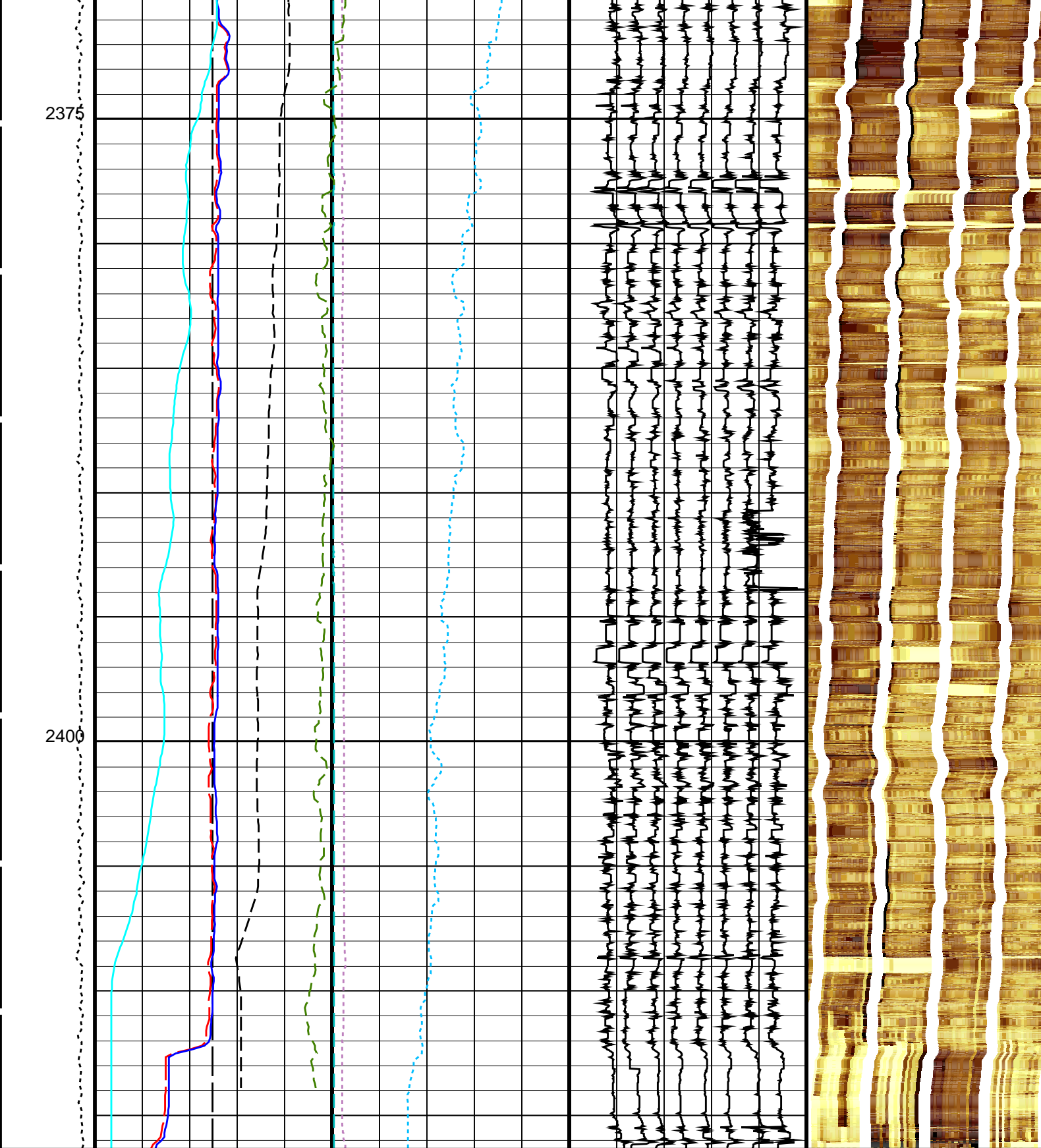
Time Mark Every 60 S

	Data Button 8 – Varies with RBS (U-MEST_RB8)	
	-80 (----) 20	
-40	Relative Bearing (RB_MEST) (DEG)	360
	Data Button 7 – Varies with RBS (U-MEST_RB7)	
	-70 (----) 30	
-40	Pad One Azimuth (P1AZ_MEST) (DEG)	360
	Data Button 6 – Varies with RBS (U-MEST_RB6)	
	-60 (----) 40	
-40	Hole Azimuth (HAZIM) (DEG)	360
	Data Button 5 – Varies with RBS (U-MEST_RB5)	
	-50 (----) 50	



2375

2400



Tension
(TENS)
(LBF)

0 5000

Bit Size (BS)
(IN)

0 20

EMEX Voltage (EV)
(V)

0 50

Data Button 1 - Varies with
RBS (U-MEST_RB1)

-10 (----) 90

2.0125
2.6846
3.3567
4.0289
4.5329
5.0370
5.3731
5.7091
6.0452
6.3813
6.8854
7.3895
8.0616
9.0697
10.0779
12.4304

MEST_PADA (U-MEST-
RESISTIVITY_PADA_DS)
(----)

Caliper 1 (C1)
(IN)

0 20

EMEX Intensity (EI)
(AMPS)


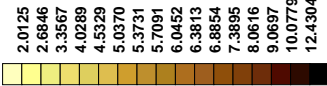
0 10

Data Button 2 - Varies with
RBS (U-MEST_RB2)

-20 (----) 80

2.0125
2.6846
3.3567
4.0289
4.5329
5.0370
5.3731
5.7091
6.0452
6.3813
6.8854
7.3895
8.0616
9.0697
10.0779
12.4304

MEST_PADB (U-MEST-
RESISTIVITY_PADB_DS)
(----)

Caliper 2 (C2) 0 (IN) 20	Data Button 3 – Varies with RBS (U-MEST_RB3) -30 (----) 70	 MEST_PADC (U-MEST_RESISTIVITY_PADC_DS) (----)
Deviation (DEVIM) 0 (DEG) 10	Data Button 4 – Varies with RBS (U-MEST_RB4) -40 (----) 60	 MEST_PADD (U-MEST_RESISTIVITY_PADD_DS) (----)
-40 Hole Azimuth (HAZIM) (DEG) 360	Data Button 5 – Varies with RBS (U-MEST_RB5) -50 (----) 50	
-40 Pad One Azimuth (P1AZ_MEST) (DEG) 360	Data Button 6 – Varies with RBS (U-MEST_RB6) -60 (----) 40	
-40 Relative Bearing (RB_MEST) (DEG) 360	Data Button 7 – Varies with RBS (U-MEST_RB7) -70 (----) 30	
	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	0.133238 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: 05-Sep-2021 16:07

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_030LUP	FN:24	PRODUCER	05-Sep-2021 15:05	2416.3 M	2335.5 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_034PUP	FN:30	PRODUCER	05-Sep-2021 16:07
RTB	FMS_DSI_NGS_034PUP	FN:31	PRODUCER	05-Sep-2021 16:07

MAXIS Field Log

Input DLIS Files

DEFAULT FMS_DSI_NGS_031LUP FN:26 PRODUCER 05-Sep-2021 15:27 2416.3 M 2210.0 M

Output DLIS Files

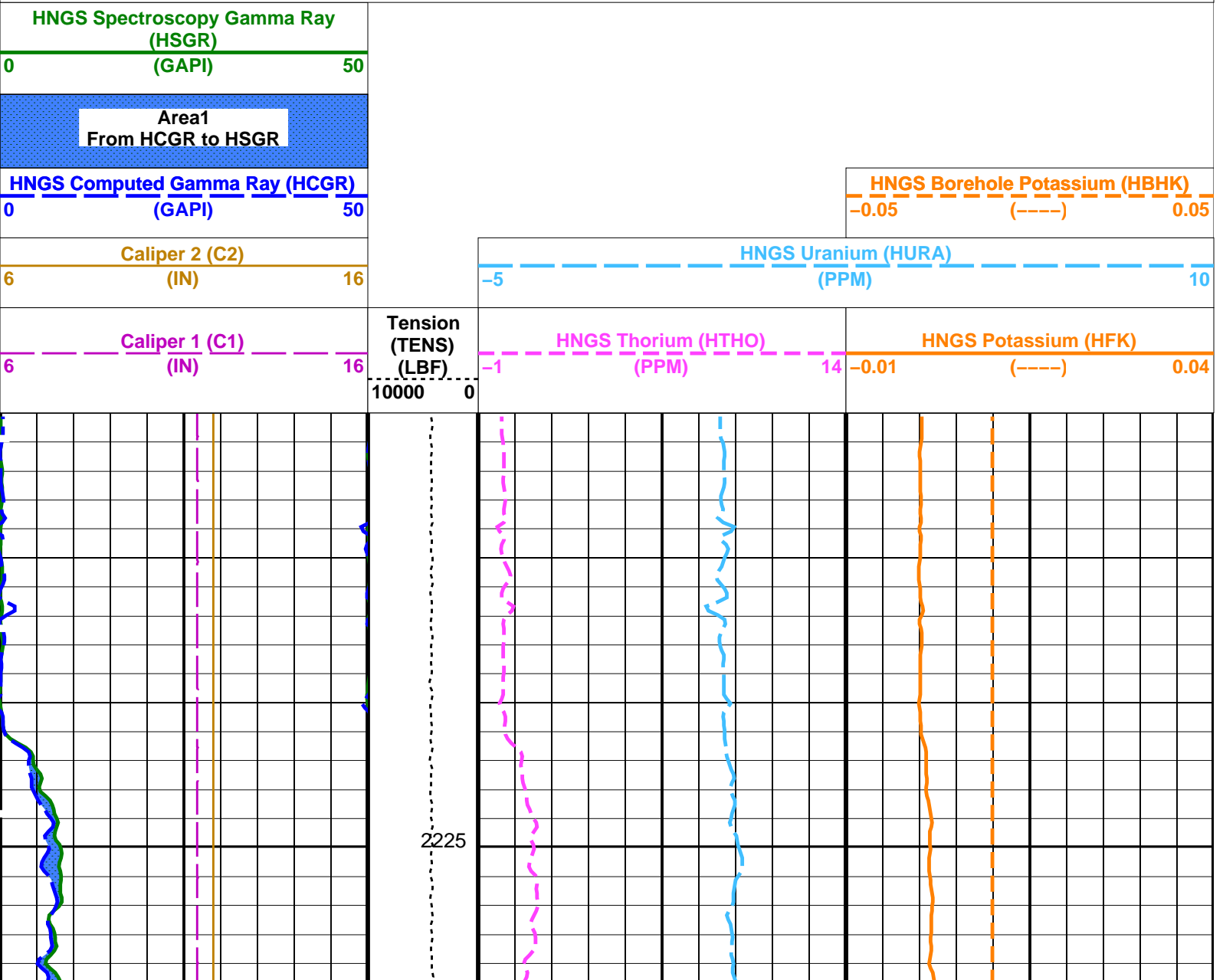
DEFAULT FMS_DSI_NGS_035PUP FN:32 PRODUCER 05-Sep-2021 16:08 2416.3 M 2210.0 M
 RTB FMS_DSI_NGS_035PUP FN:33 PRODUCER 05-Sep-2021 16:08 2416.3 M 2210.0 M

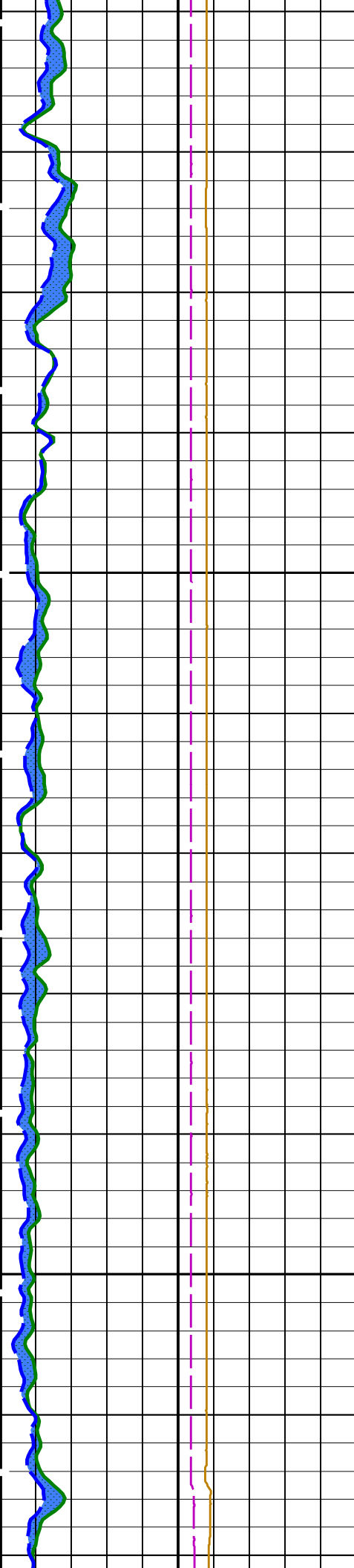
OP System Version: 19C0-187

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

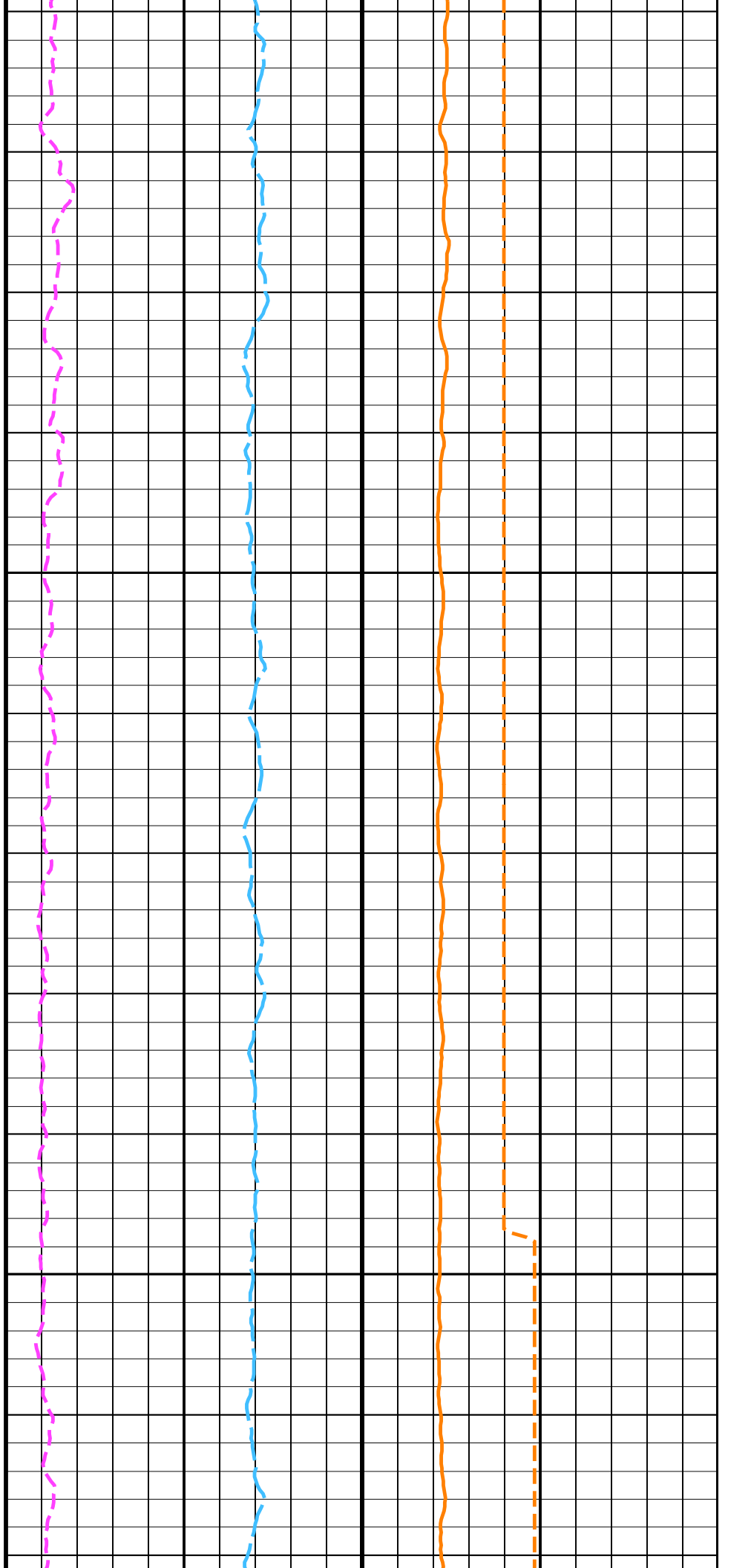
Time Mark Every 60 S

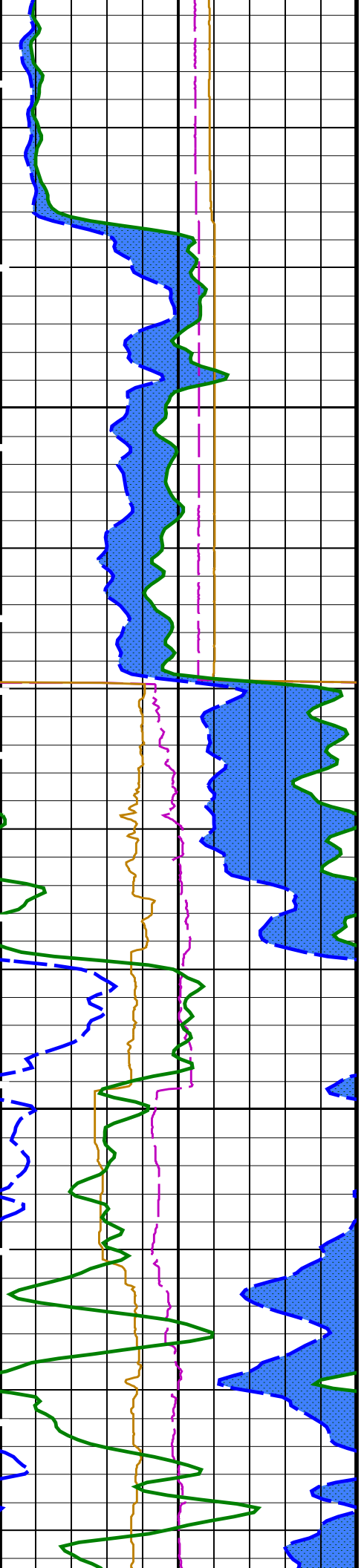




2250

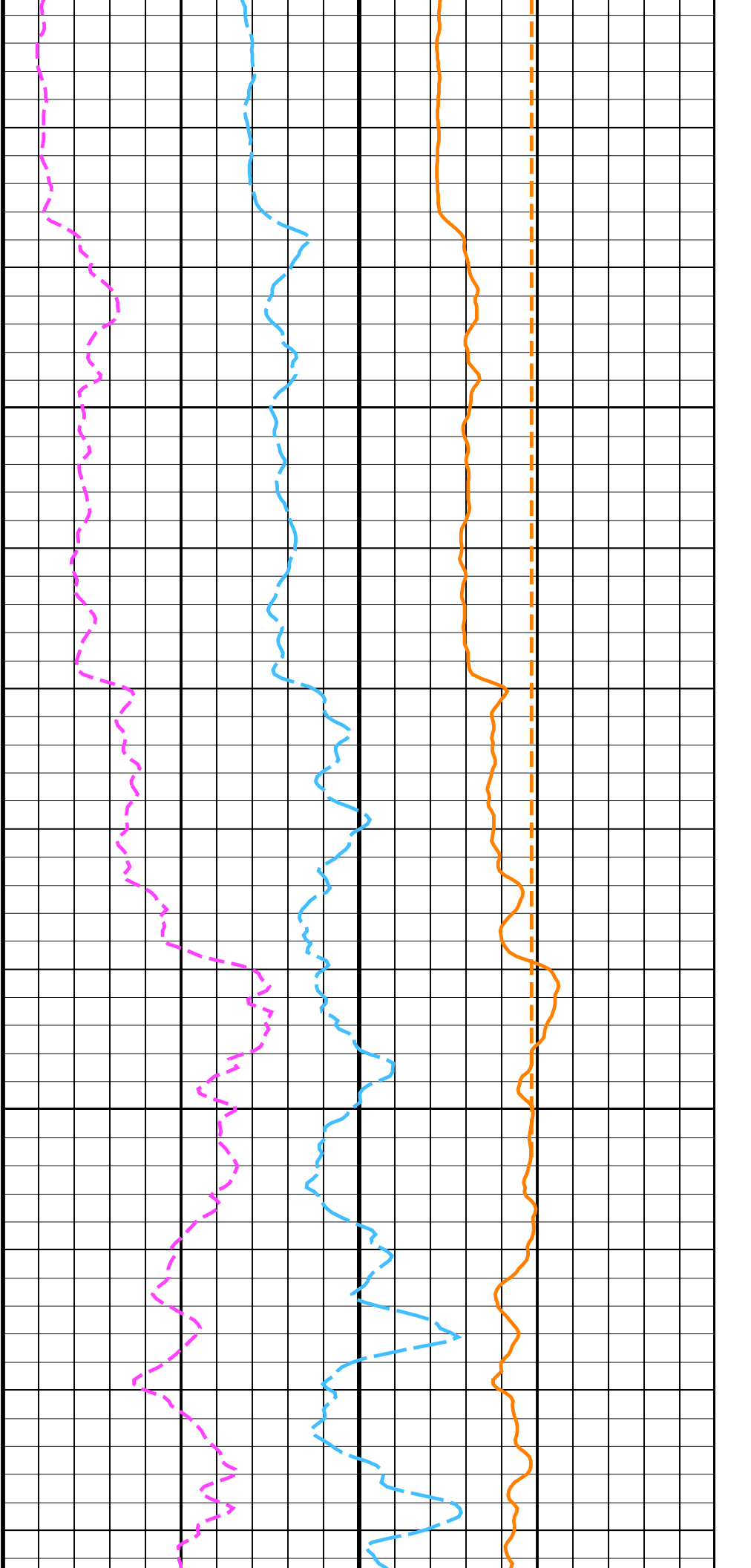
2275

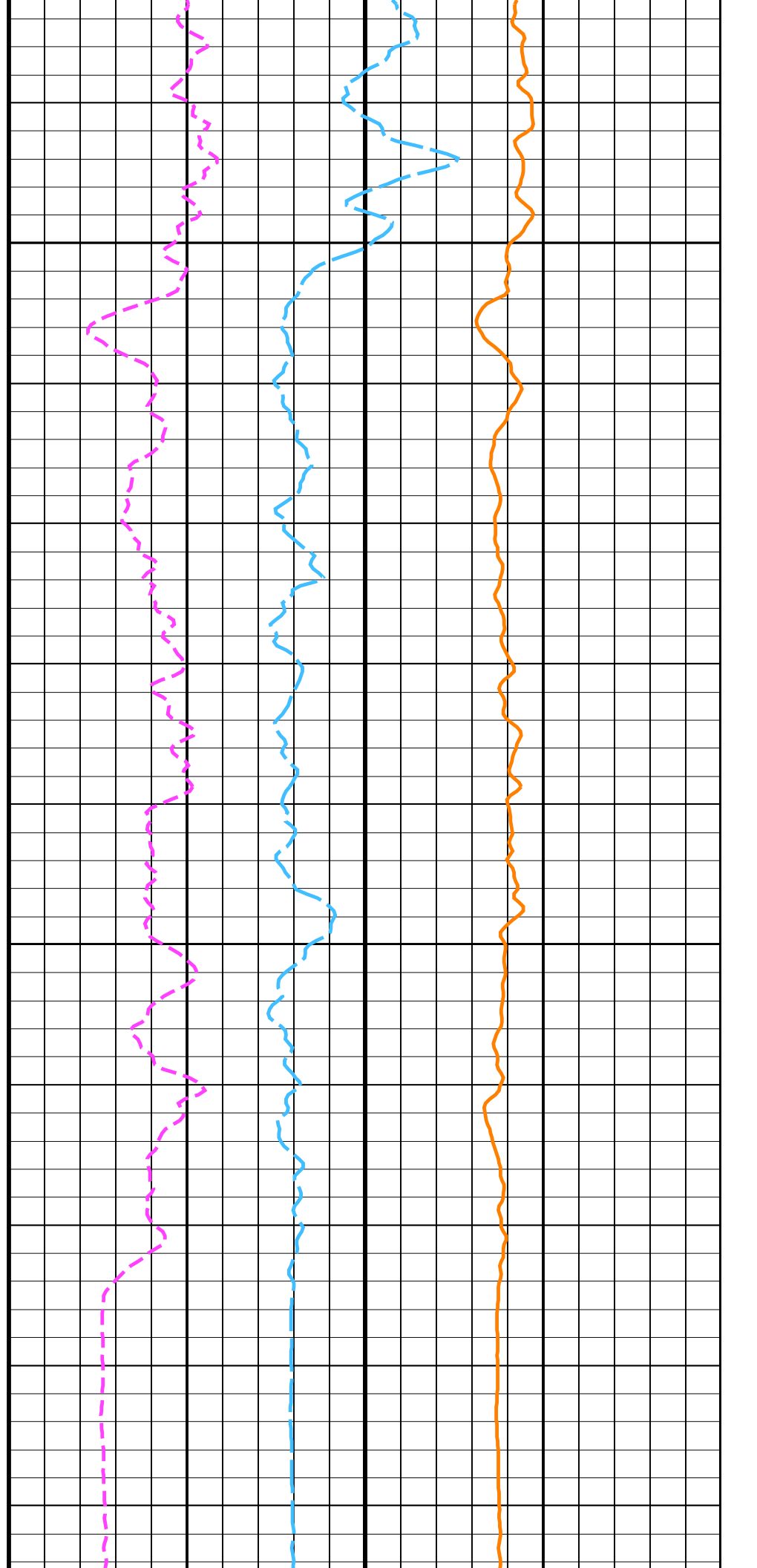
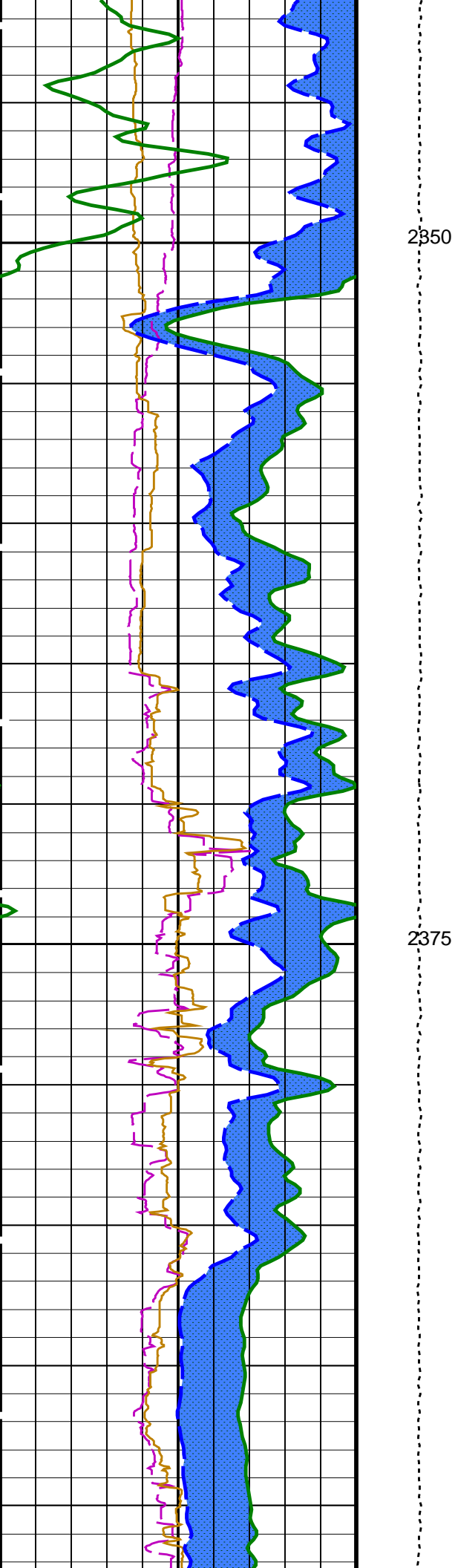


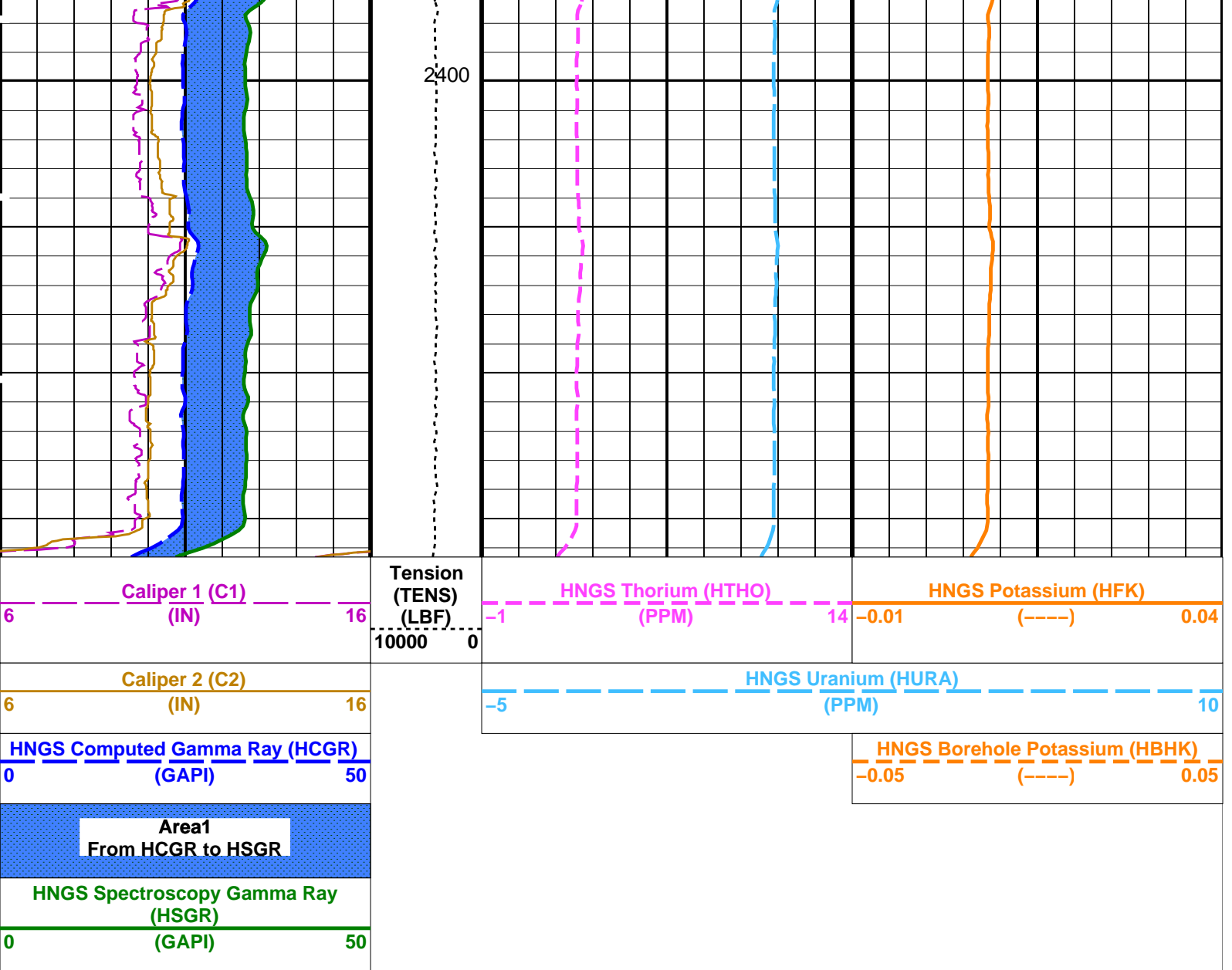


2300

2325







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	-0.00209213
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
VPA1	HNGS Detector 1 Variable Barite Factor Running Average	0.034203

VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.924203	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.954204	
System and Miscellaneous			
BS	Bit Size	9.875	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: 05-Sep-2021 16:08

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_031LUP	FN:26	PRODUCER	05-Sep-2021 15:27	2416.3 M	2210.0 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_035PUP	FN:32	PRODUCER	05-Sep-2021 16:08		
RTB	FMS_DSI_NGS_035PUP	FN:33	PRODUCER	05-Sep-2021 16:08		

Input DLIS Files

DEFAULT	FMS_DSI_NGS_031LUP	FN:26	PRODUCER	05-Sep-2021 15:27	2416.3 M	2210.0 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

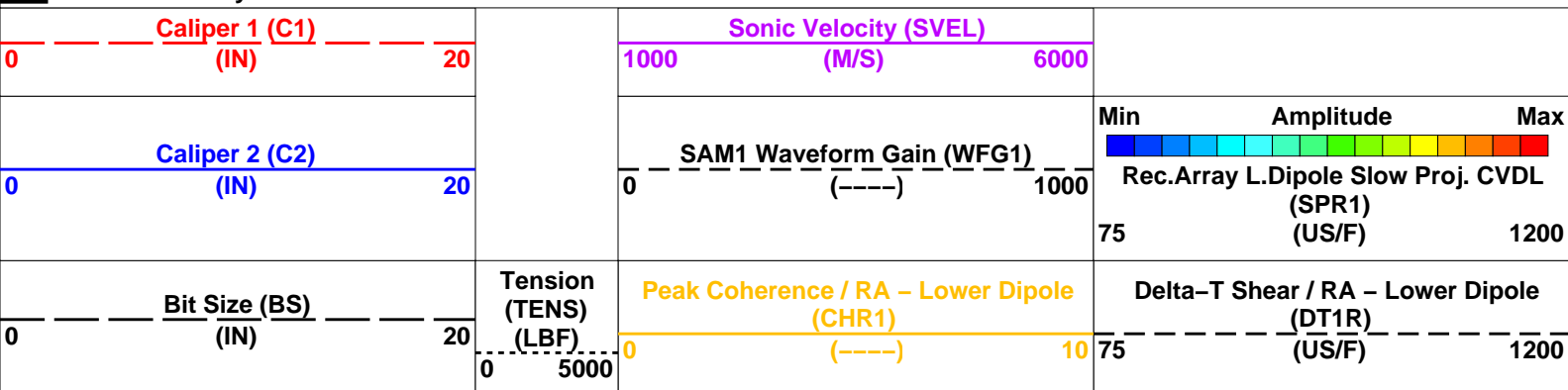
DEFAULT	FMS_DSI_NGS_035PUP	FN:32	PRODUCER	05-Sep-2021 16:08	2416.3 M	2210.0 M
RTB	FMS_DSI_NGS_035PUP	FN:33	PRODUCER	05-Sep-2021 16:08	2416.3 M	2210.0 M

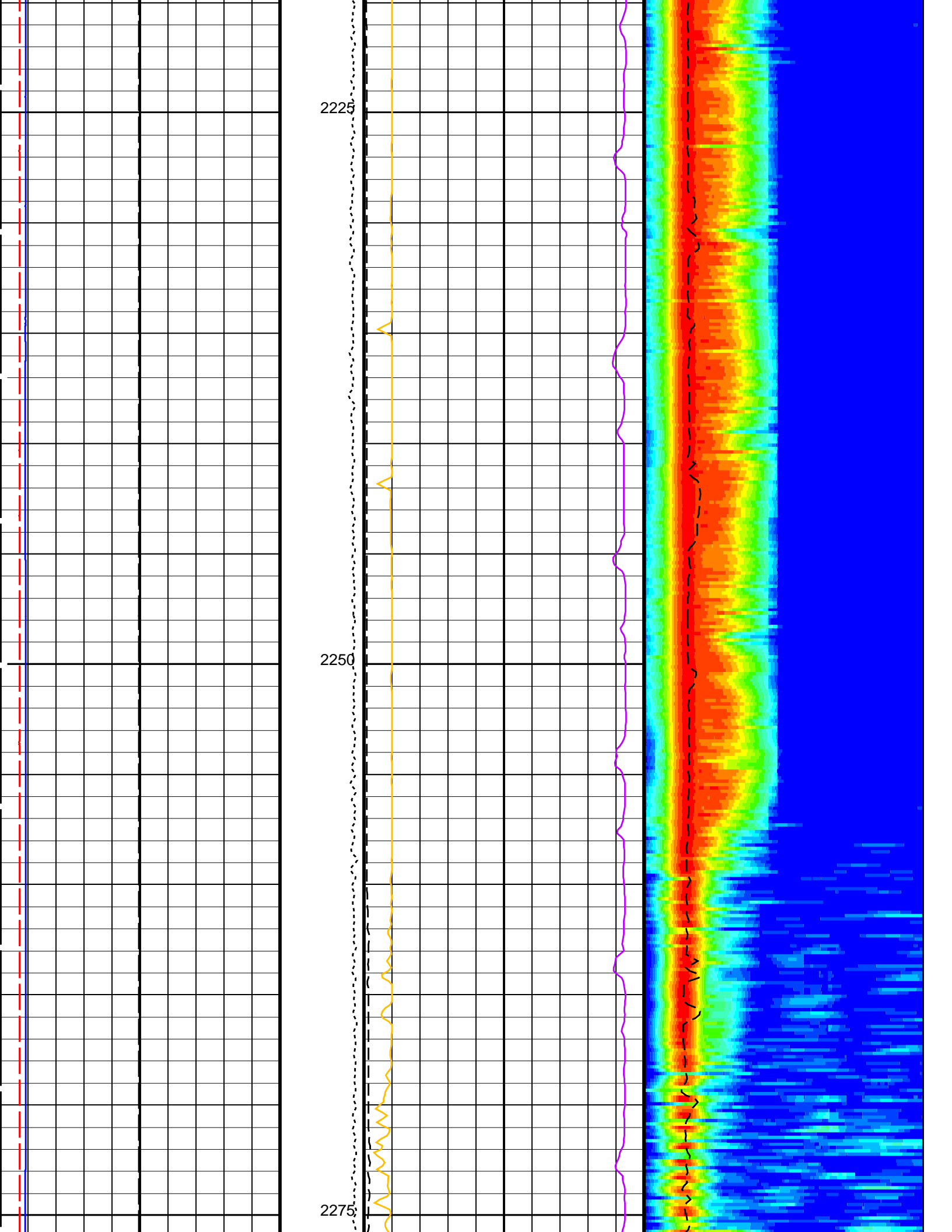
OP System Version: 19C0-187

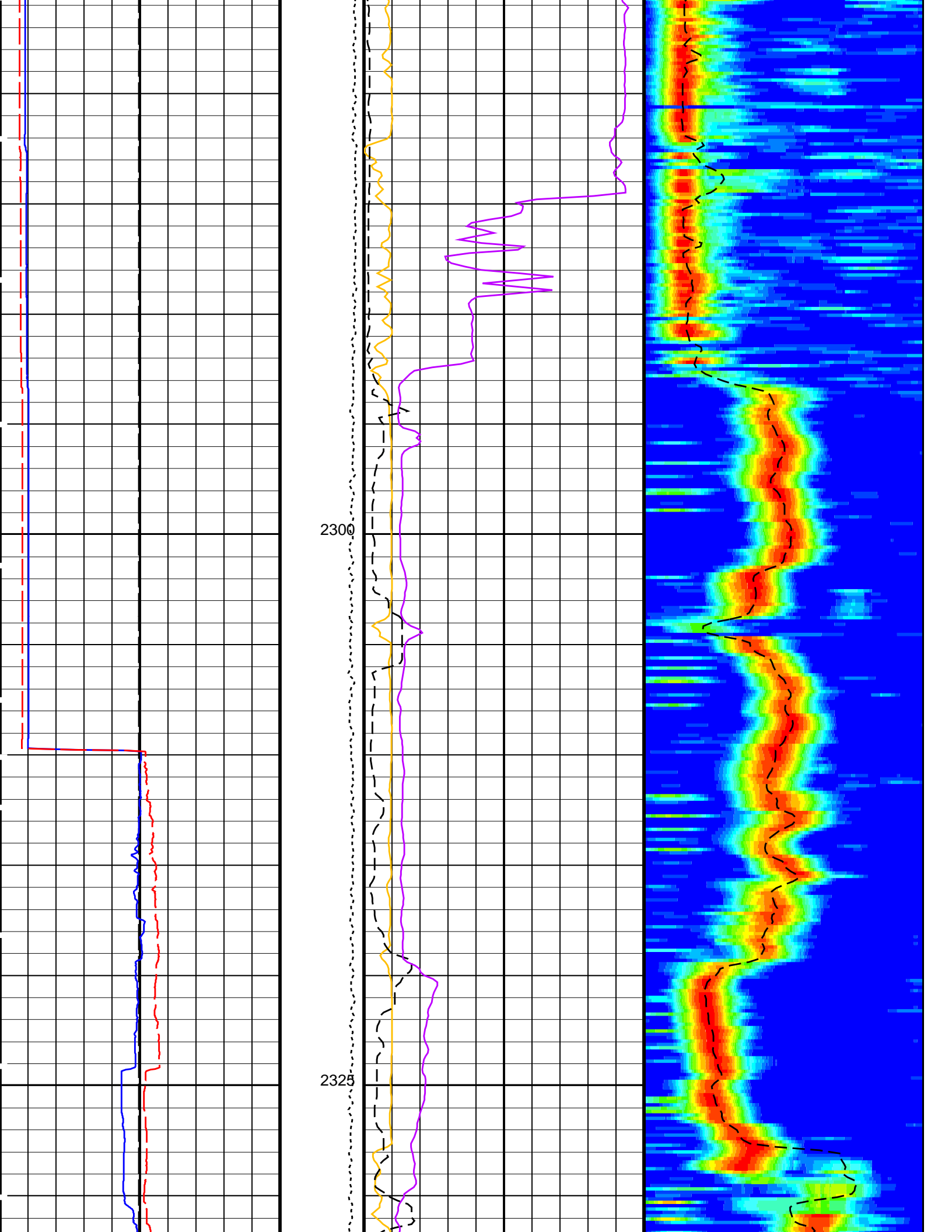
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

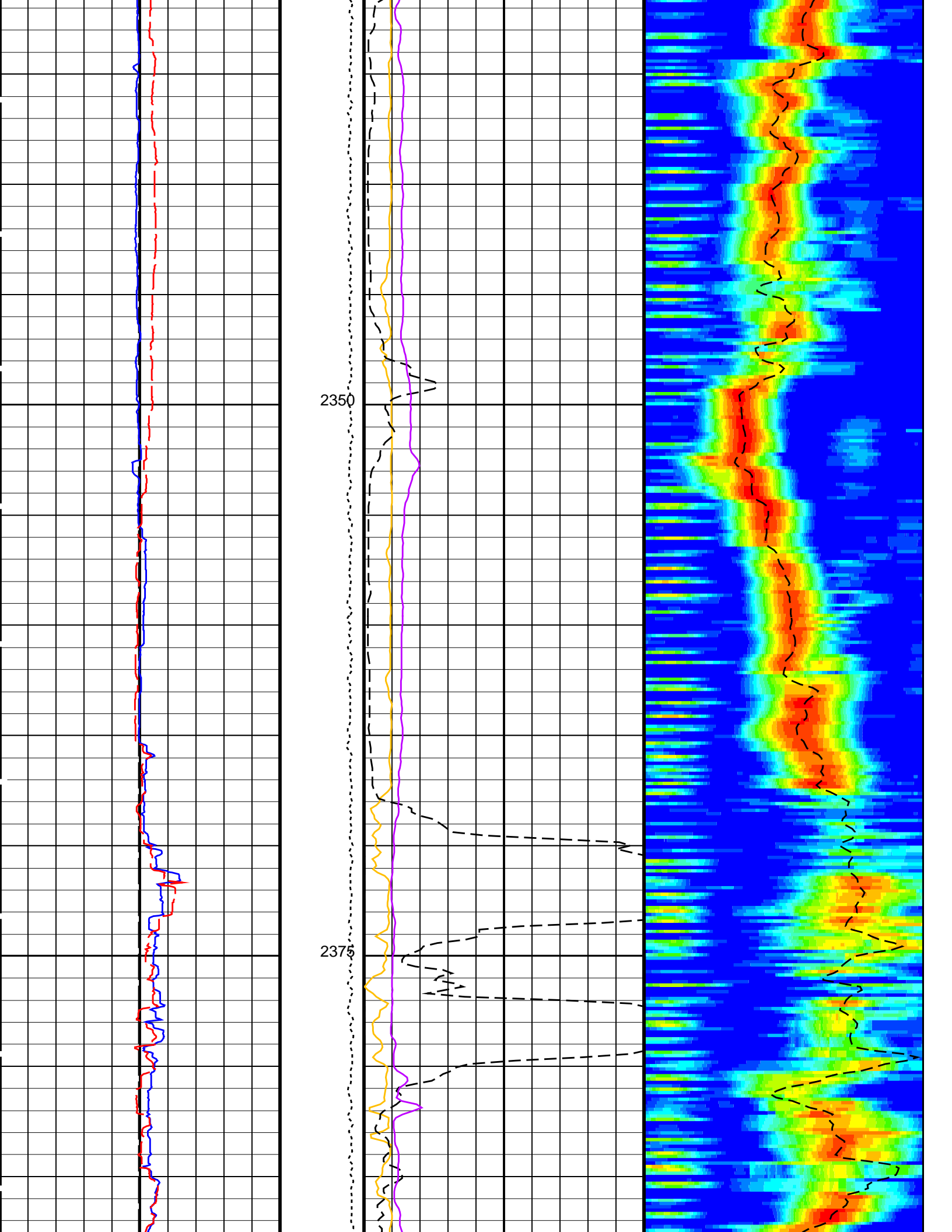
PIP SUMMARY

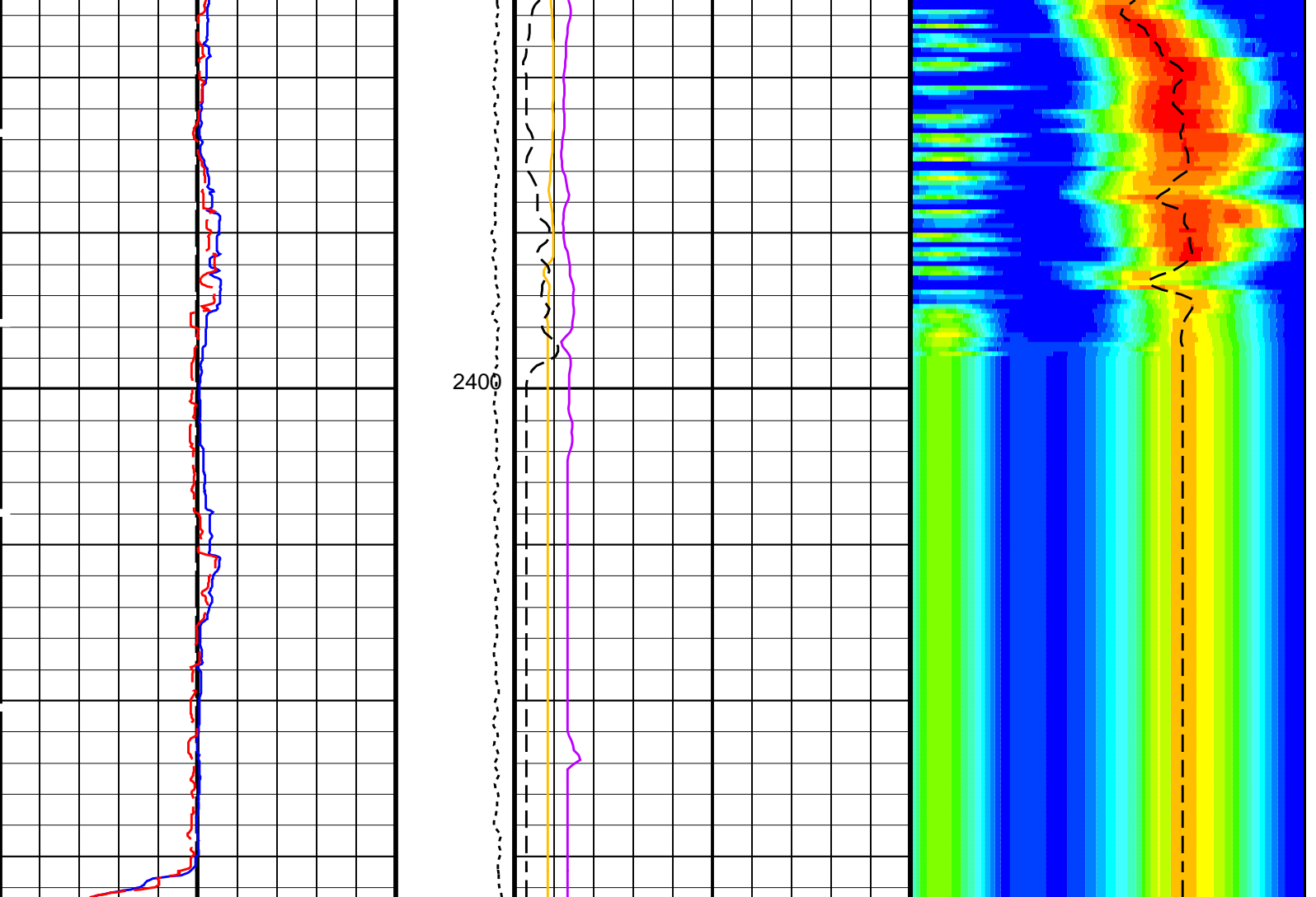
Time Mark Every 60 S











<p>Bit Size (BS) (IN)</p> <p>0 20</p>	<p>Tension (TENS) (LBF)</p> <p>0 5000</p>	<p>Peak Coherence / RA - Lower Dipole (CHR1) (-----)</p> <p>0 10</p>	<p>Delta-T Shear / RA - Lower Dipole (DT1R) (US/F)</p> <p>75 1200</p>
<p>Caliper 2 (C2) (IN)</p> <p>0 20</p>	<p>SAM1 Waveform Gain (WFG1) (-----)</p> <p>0 1000</p>	<p>Sonic Velocity (SVEL) (M/S)</p> <p>1000 6000</p>	<p>Min Amplitude Max</p> <p>Rec.Array L.Dipole Slow Proj. CVDL (SPR1) (US/F)</p> <p>75 1200</p>
<p>Caliper 1 (C1) (IN)</p> <p>0 20</p>			

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
D LCS	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
RX2C	Receiver 3 Geometry	206 IN

RX3G	Receiver 3 Geometry	300	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	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: 05-Sep-2021 16:08

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_031LUP	FN:26	PRODUCER	05-Sep-2021 15:27	2416.3 M	2210.0 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_035PUP	FN:32	PRODUCER	05-Sep-2021 16:08		
RTB	FMS_DSI_NGS_035PUP	FN:33	PRODUCER	05-Sep-2021 16:08		

Input DLIS Files

DEFAULT	FMS_DSI_NGS_031LUP	FN:26	PRODUCER	05-Sep-2021 15:27	2416.3 M	2210.0 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

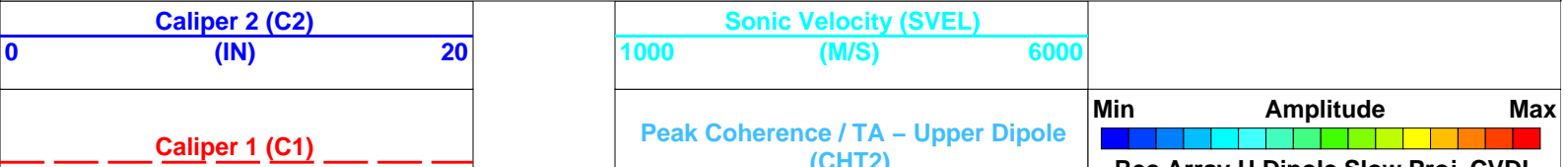
DEFAULT	FMS_DSI_NGS_035PUP	FN:32	PRODUCER	05-Sep-2021 16:08	2416.3 M	2210.0 M
RTB	FMS_DSI_NGS_035PUP	FN:33	PRODUCER	05-Sep-2021 16:08	2416.3 M	2210.0 M

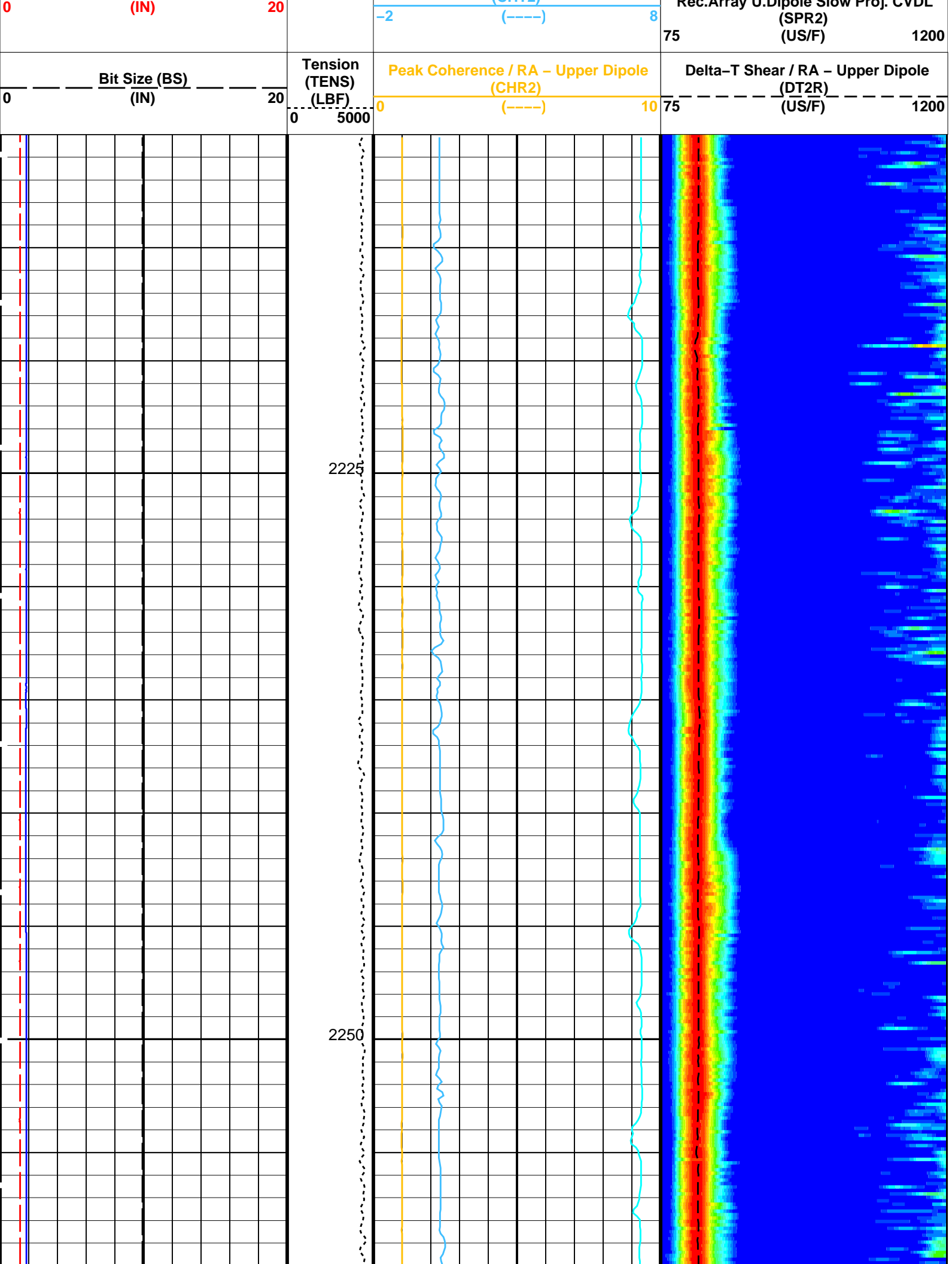
OP System Version: 19C0-187

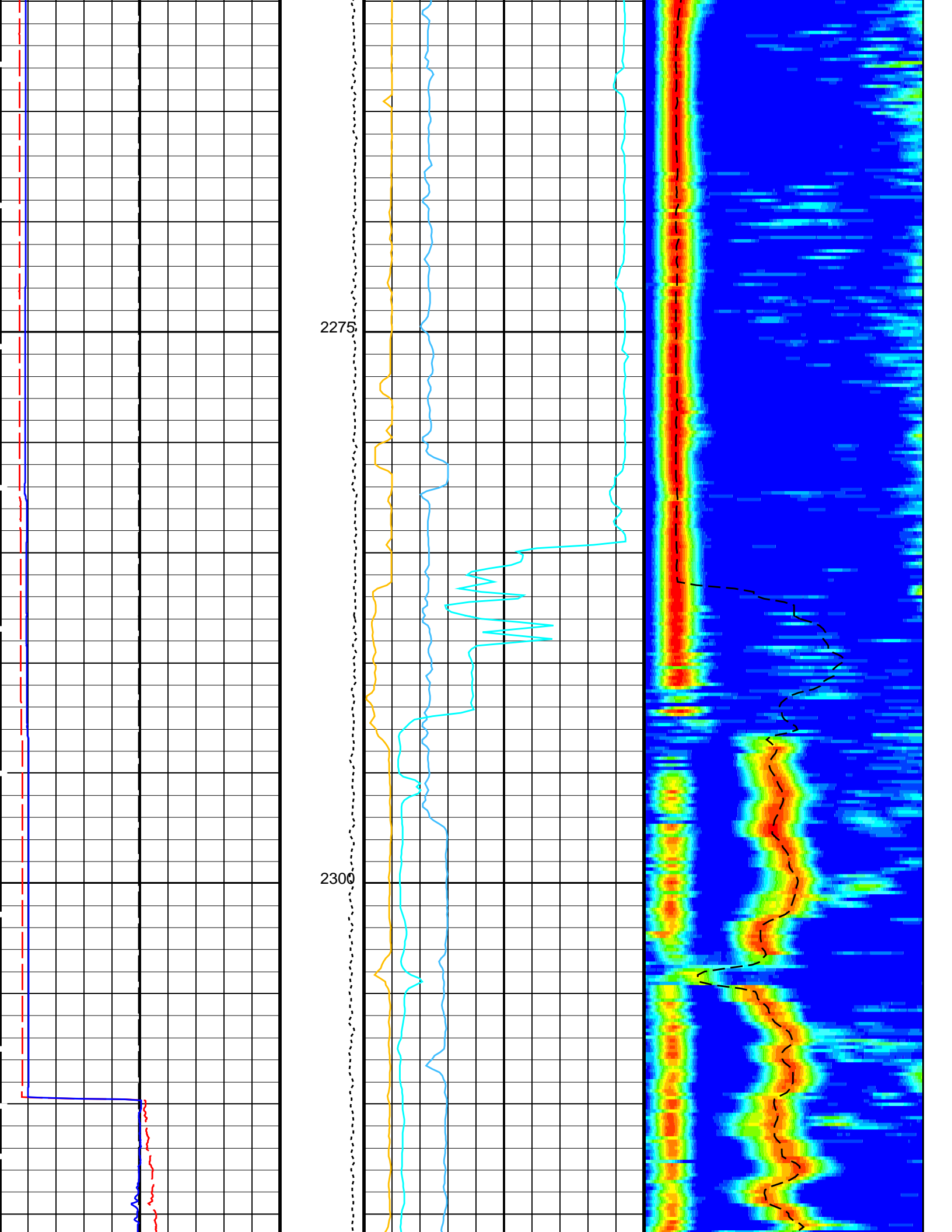
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

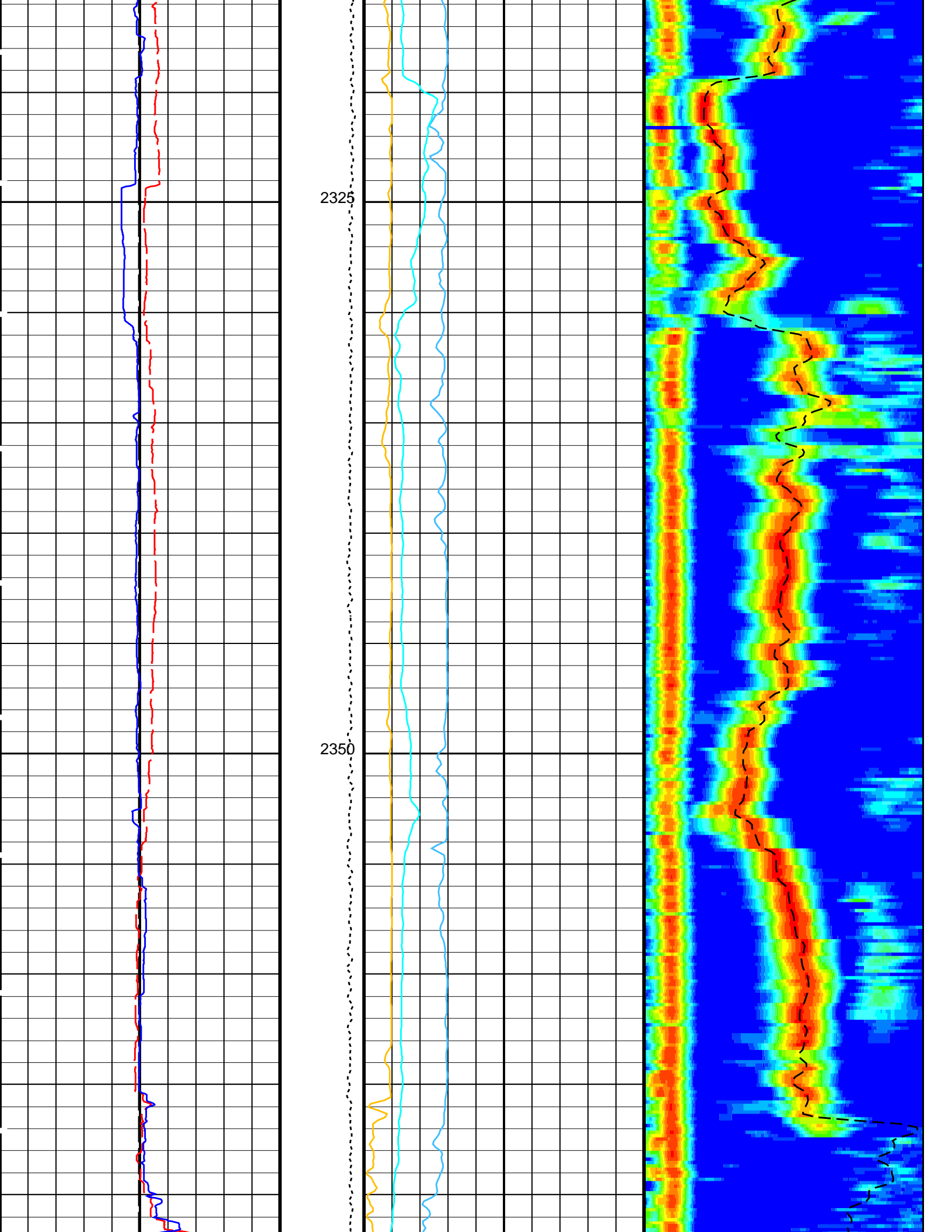
PIP SUMMARY

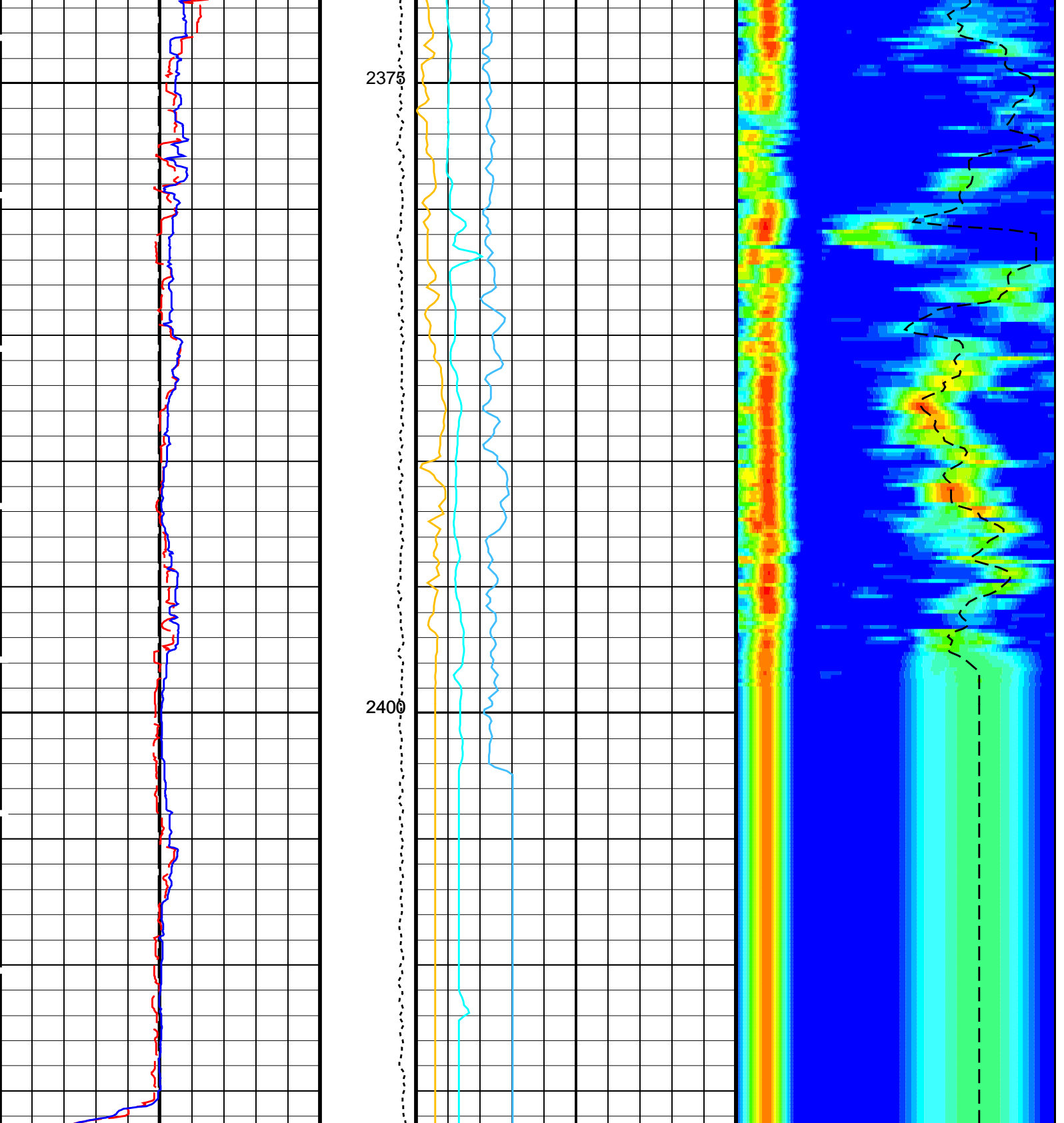
Time Mark Every 60 S



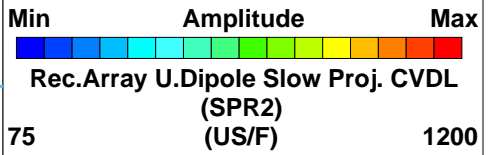








0	Bit Size (BS) (IN)	20	Tension (TENS) (LBF)	0	Peak Coherence / RA – Upper Dipole (CHR2) (-----)	10	Delta-T Shear / RA – Upper Dipole (DT2R) (US/F)	75	1200
0	Caliper 1 (C1) (IN)	20			Peak Coherence / TA – Upper Dipole (CHT2) (-----)	8			
0	Caliper 2 (C2) (IN)	20			Sonic Velocity (SVEL) (M/S)	1000			6000



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	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: 05-Sep-2021 16:08

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_031LUP	FN:26	PRODUCER	05-Sep-2021 15:27	2416.3 M	2210.0 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_035PUP	FN:32	PRODUCER	05-Sep-2021 16:08
RTB	FMS_DSI_NGS_035PUP	FN:33	PRODUCER	05-Sep-2021 16:08

Company: International Ocean Discovery Program Well: Expedition 396, Site U1570D

Input DLIS Files

DEFAULT	FMS_DSI_NGS_031LUP	FN:26	PRODUCER	05-Sep-2021 15:27	2416.3 M	2210.0 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	FMS_DSI_NGS_035PUP	FN:32	PRODUCER	05-Sep-2021 16:08	2416.3 M	2210.0 M
RTB	FMS_DSI_NGS_035PUP	FN:33	PRODUCER	05-Sep-2021 16:08	2416.3 M	2210.0 M

OP System Version: 19C0-187

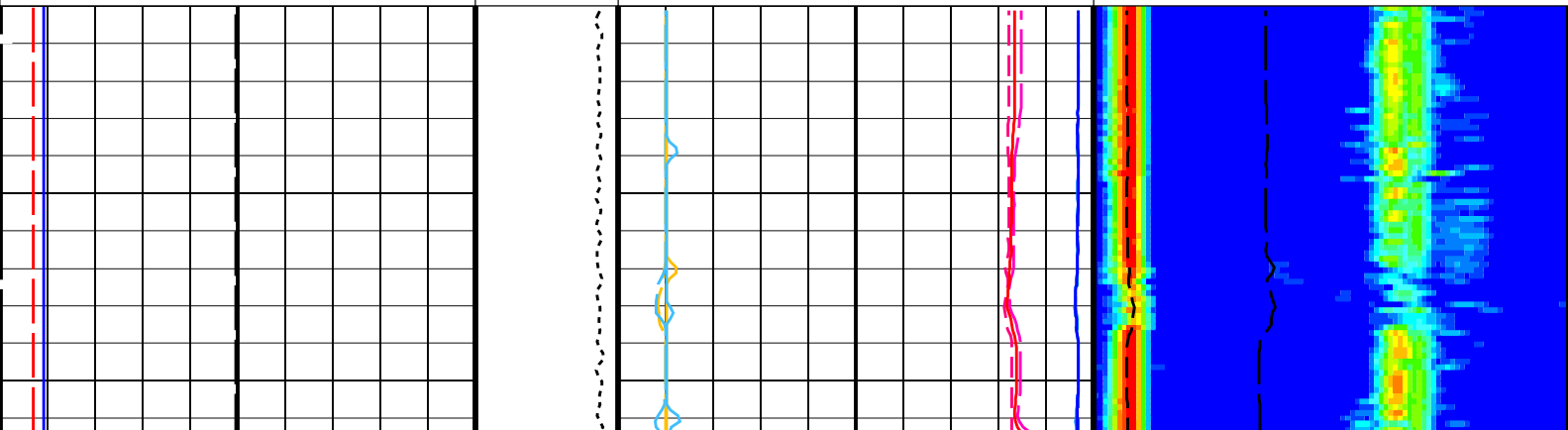
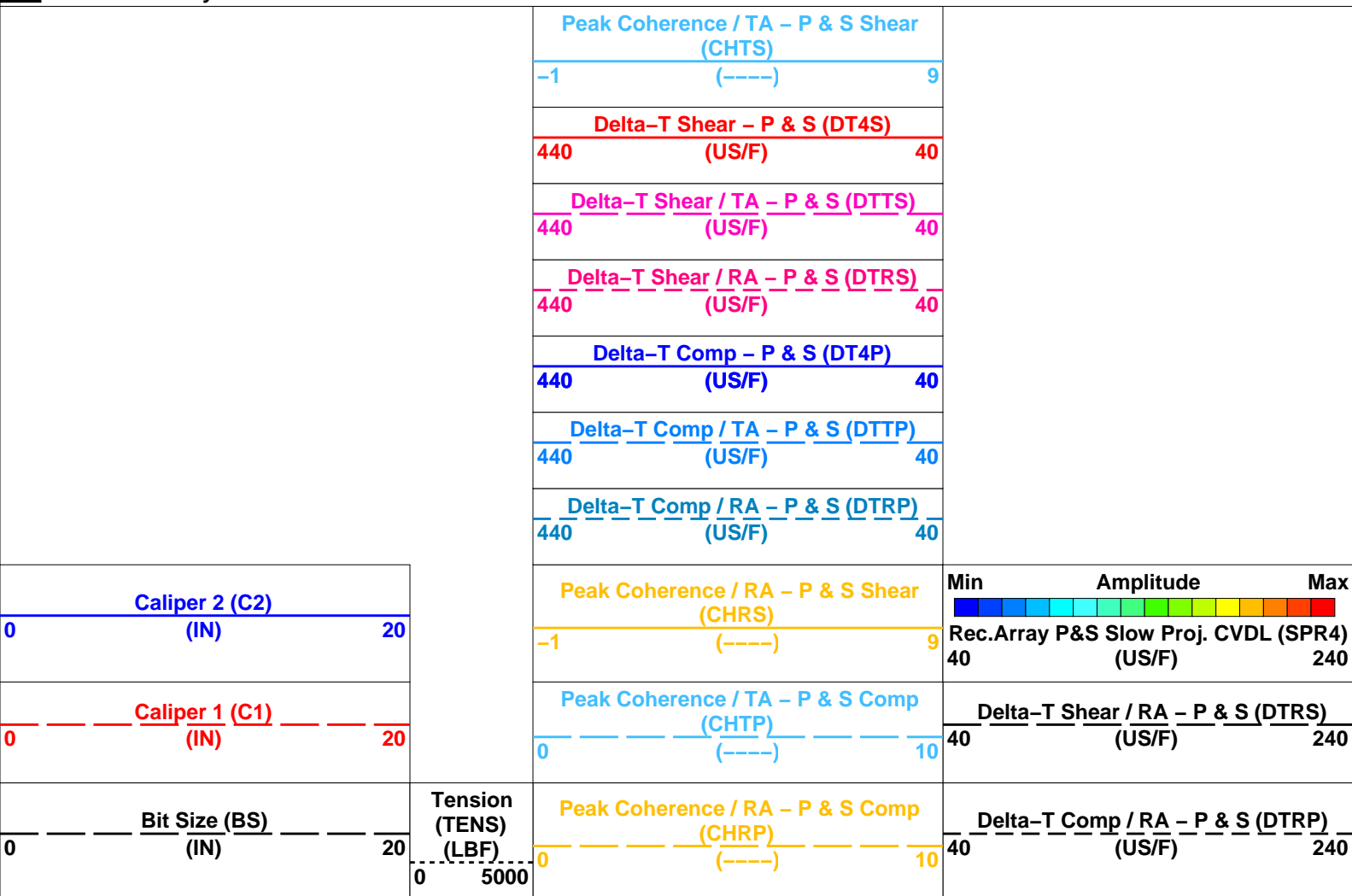
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

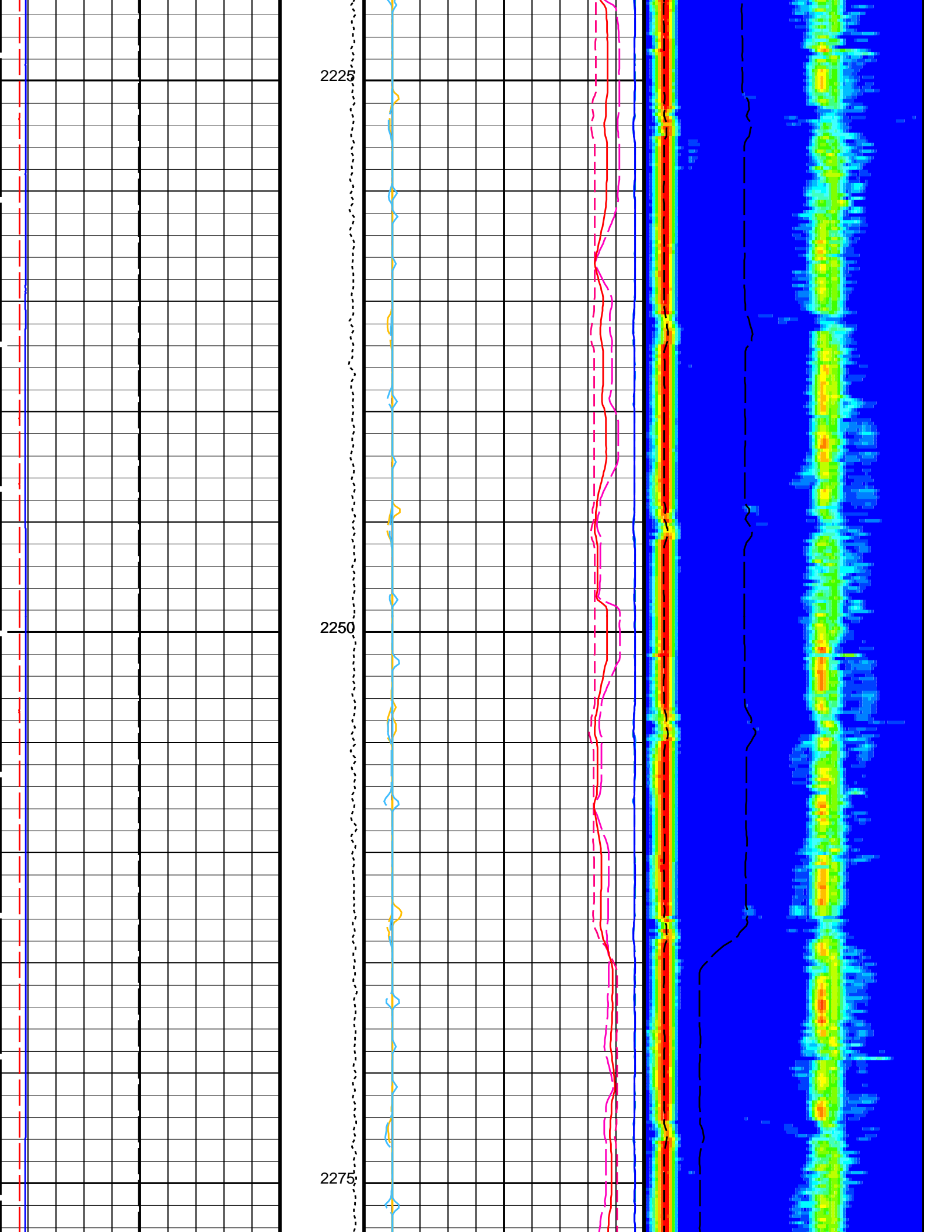
Changed Parameter Summary

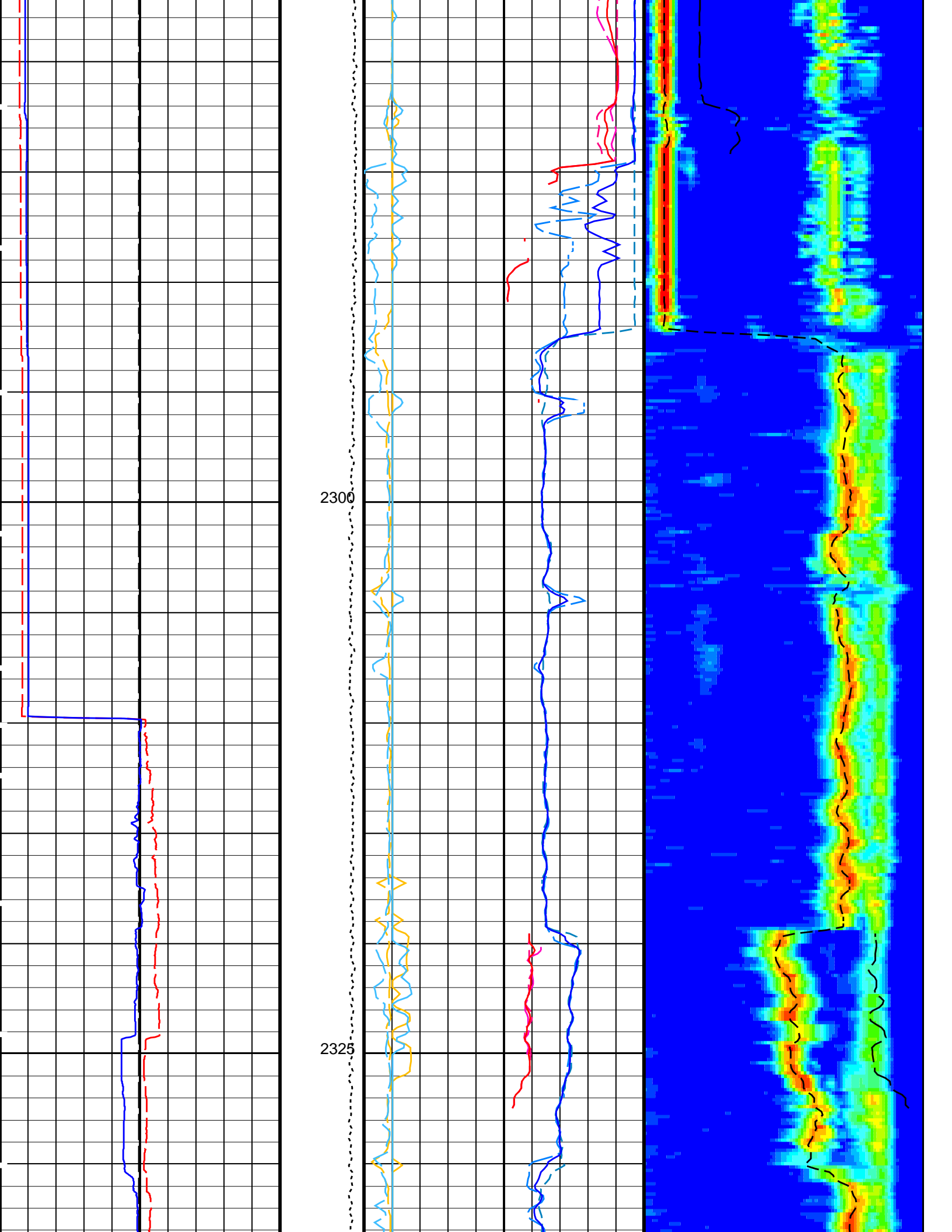
DLIS Name	New Value	Previous Value	Depth & Time
COLL	90 US/F 40 US/F	90 US/F 90 US/F	2416.3 16:08:32 2295.0 16:08:56

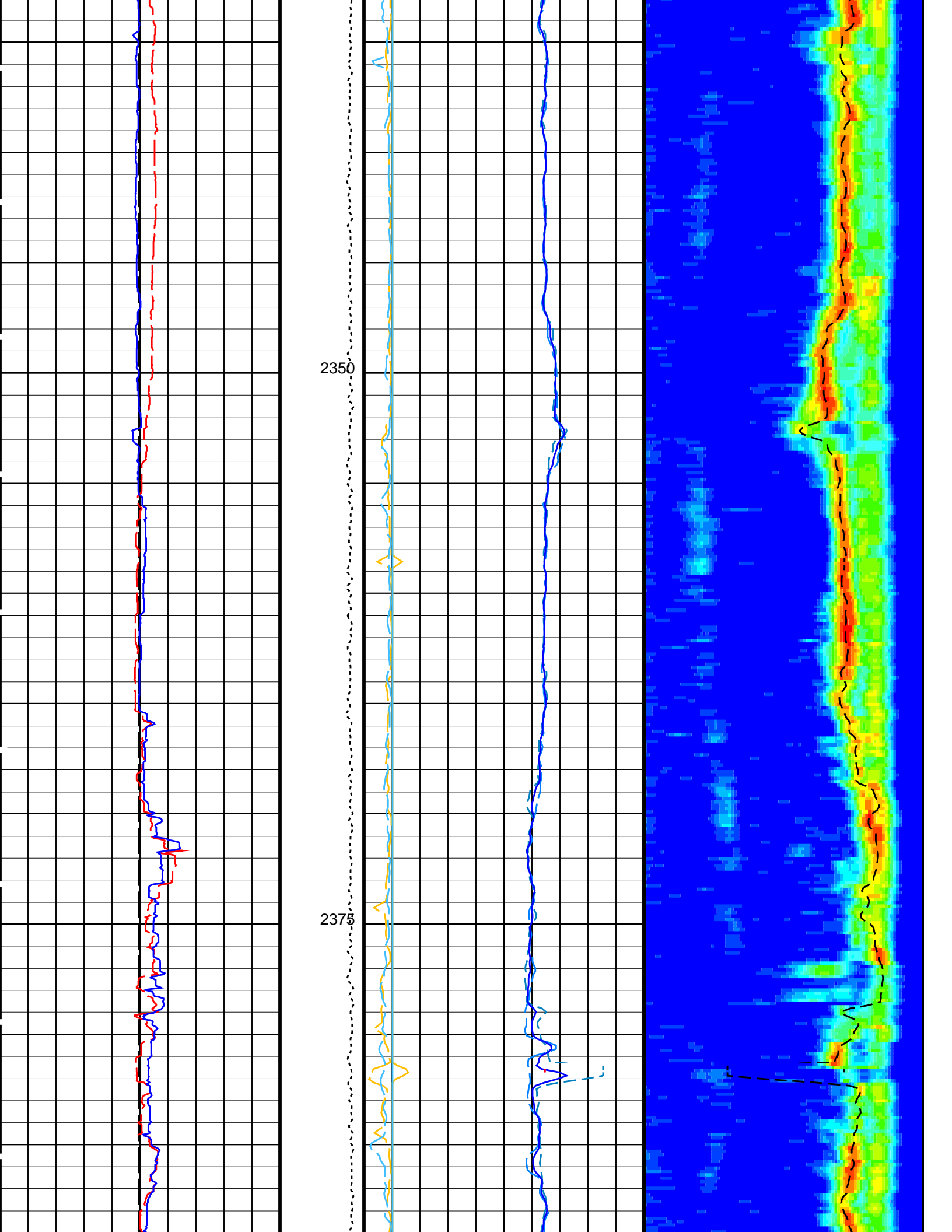
PIP SUMMARY

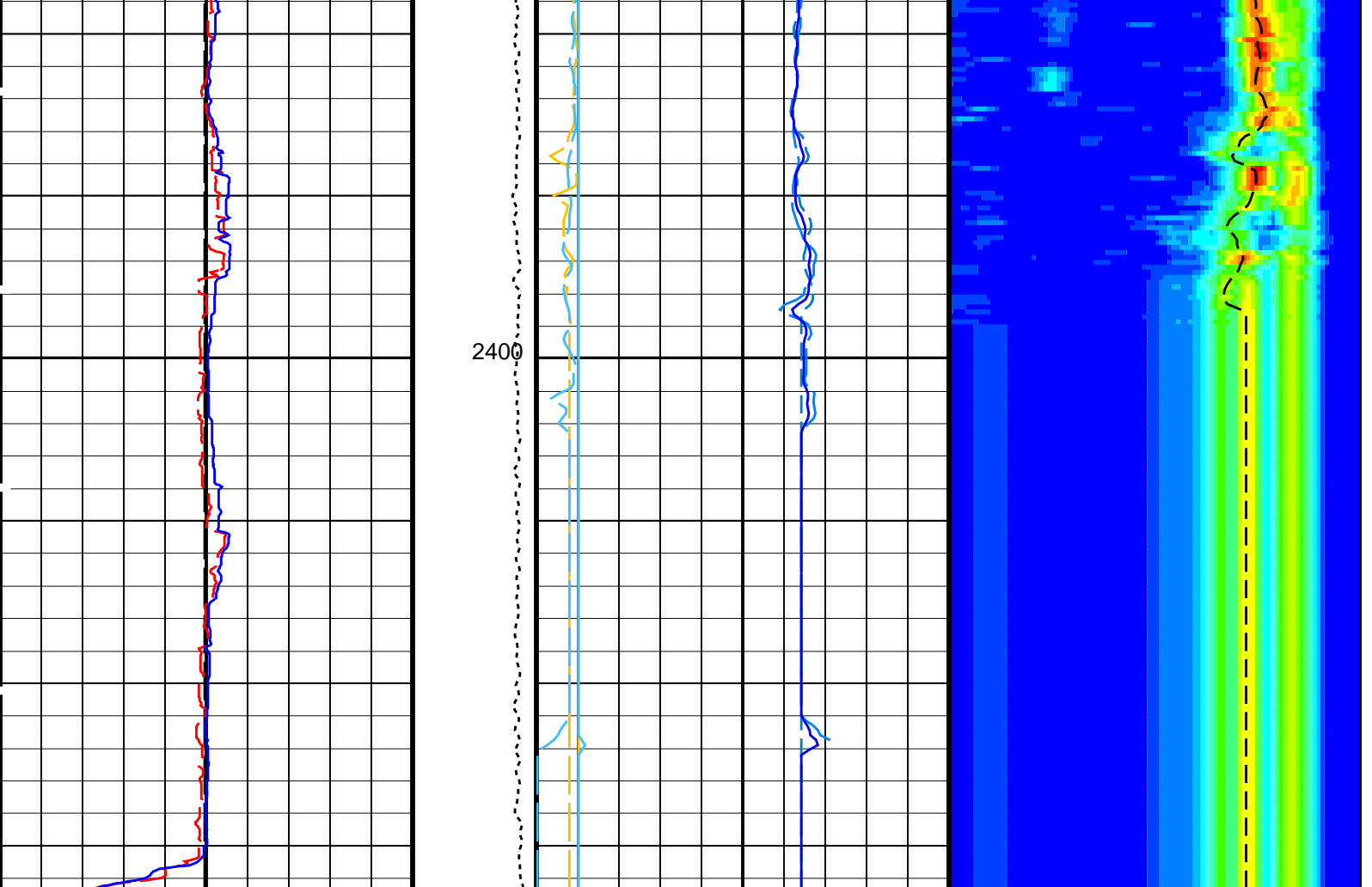
Time Mark Every 60 S











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

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

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	90	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	210	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	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: 05-Sep-2021 16:08

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_031LUP FN:26 PRODUCER 05-Sep-2021 15:27 2416.3 M 2210.0 M

Output DLIS Files

DEFAULT	FMS_DSI_NGS_035PUP	FN:32	PRODUCER	05-Sep-2021 16:08
RTB	FMS_DSI_NGS_035PUP	FN:33	PRODUCER	05-Sep-2021 16:08

Company: International Ocean Discovery Program Well: Expedition 396, Site U1570D

Input DLIS Files

DEFAULT	FMS_DSI_NGS_031LUP	FN:26	PRODUCER	05-Sep-2021 15:27	2416.3 M	2210.0 M
---------	--------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

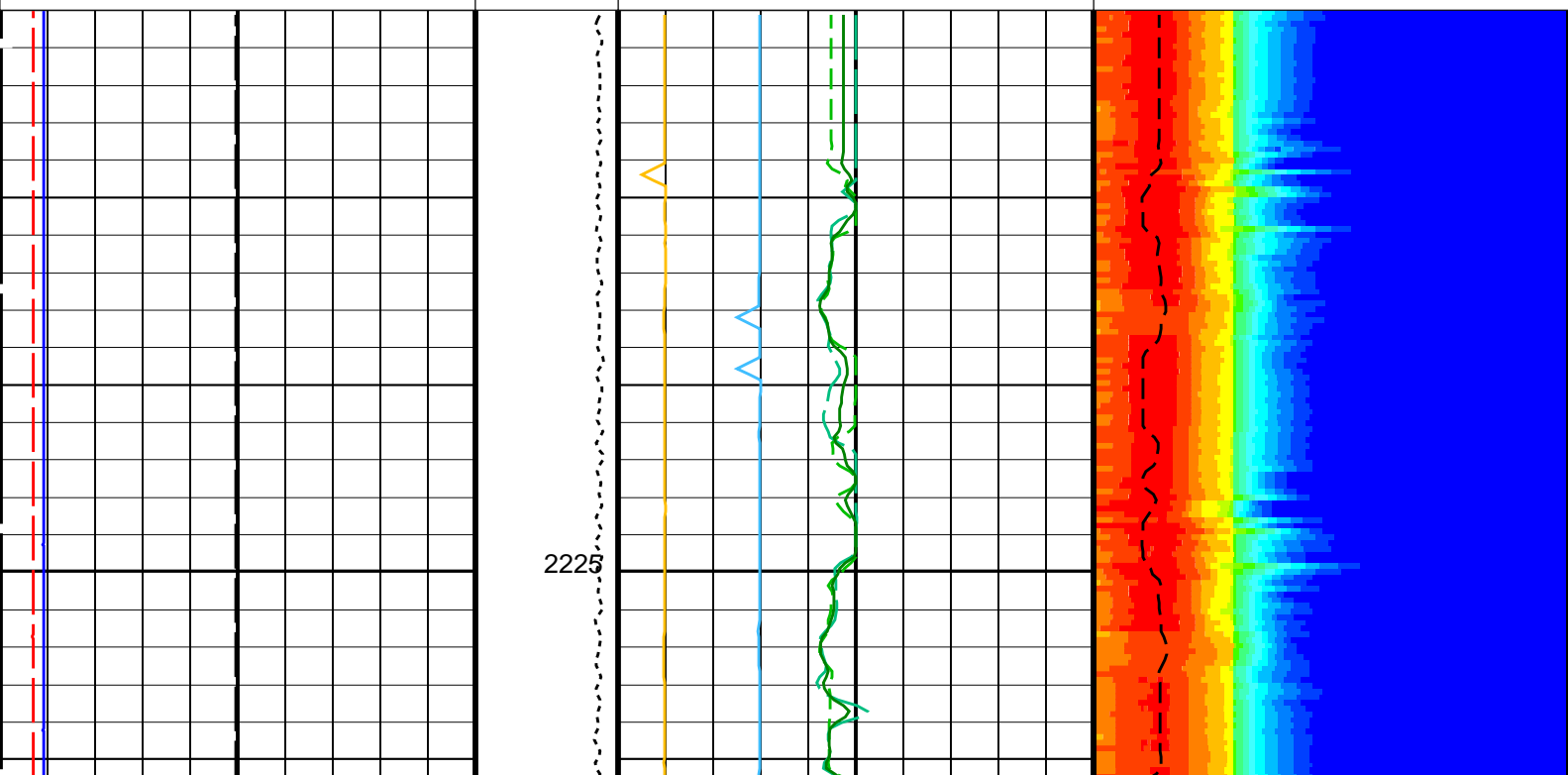
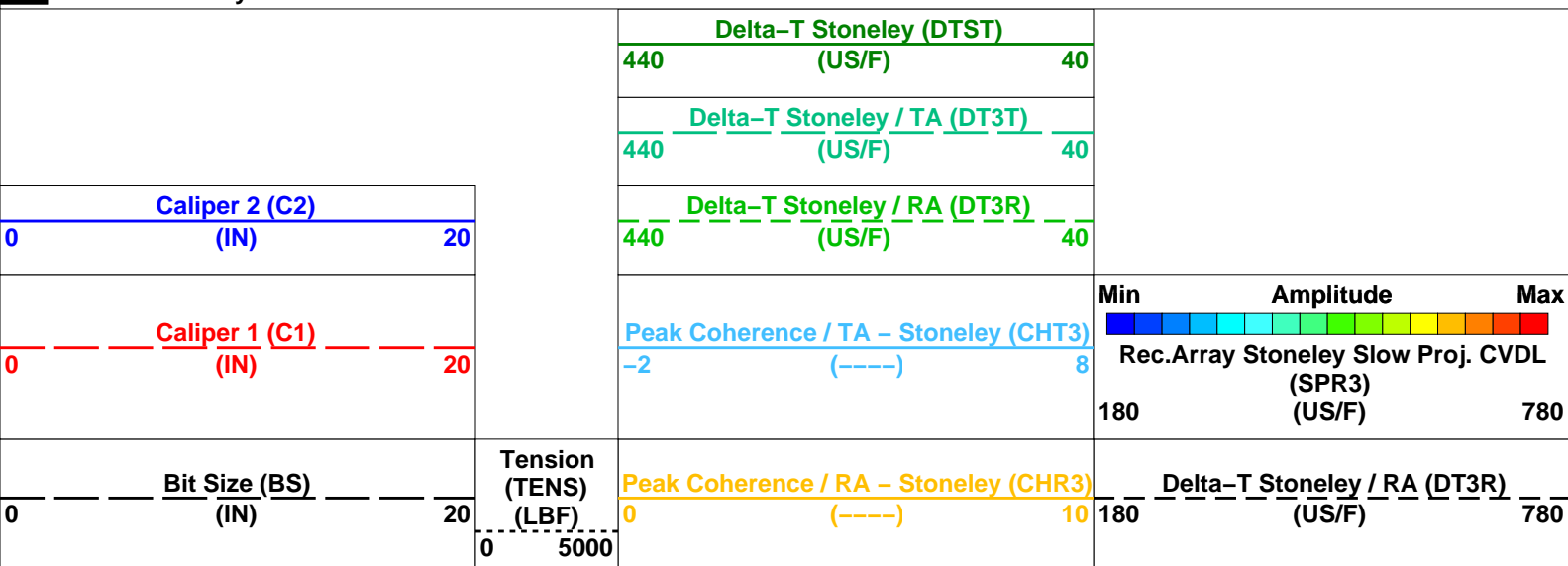
DEFAULT	FMS_DSI_NGS_035PUP	FN:32	PRODUCER	05-Sep-2021 16:08	2416.3 M	2210.0 M
RTB	FMS_DSI_NGS_035PUP	FN:33	PRODUCER	05-Sep-2021 16:08	2416.3 M	2210.0 M

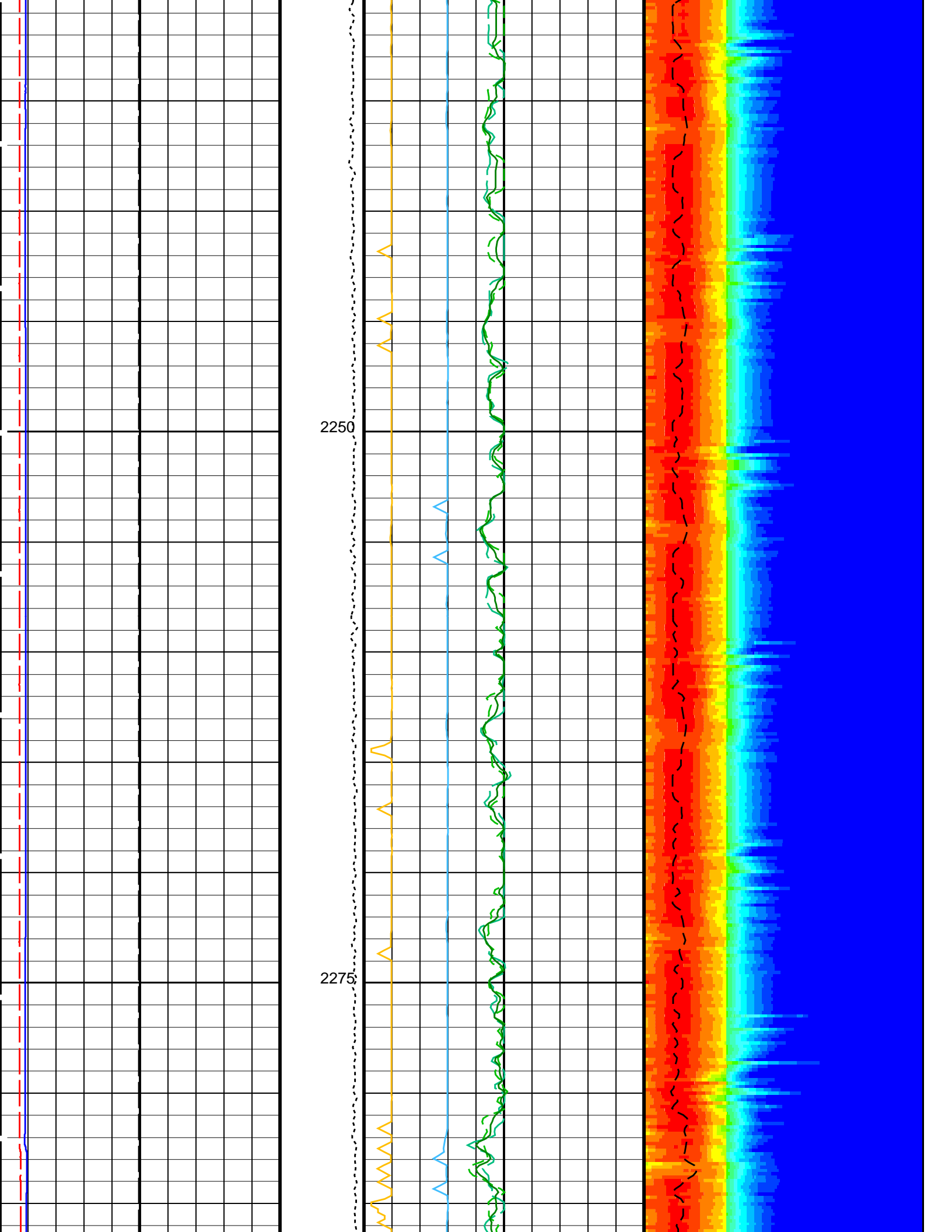
OP System Version: 19C0-187

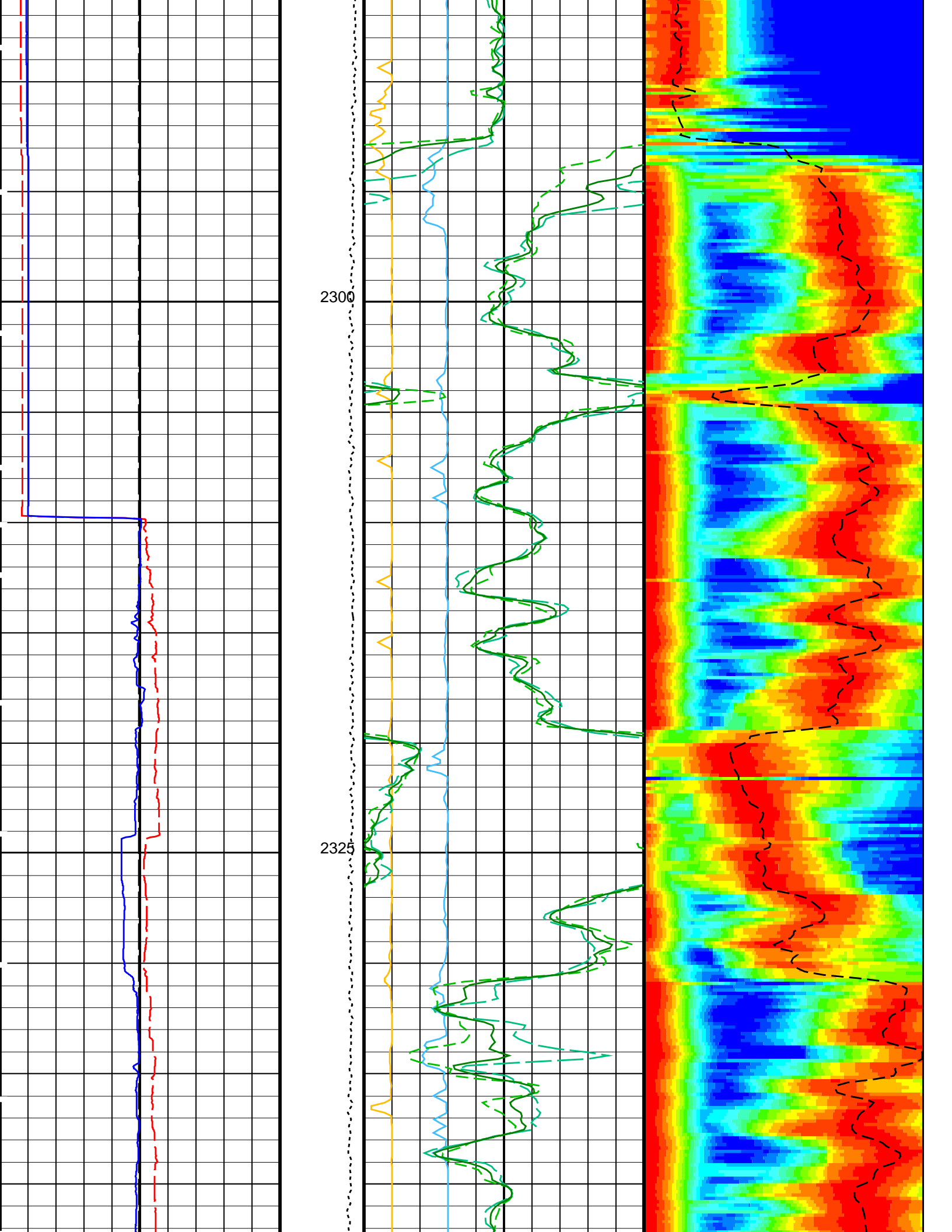
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

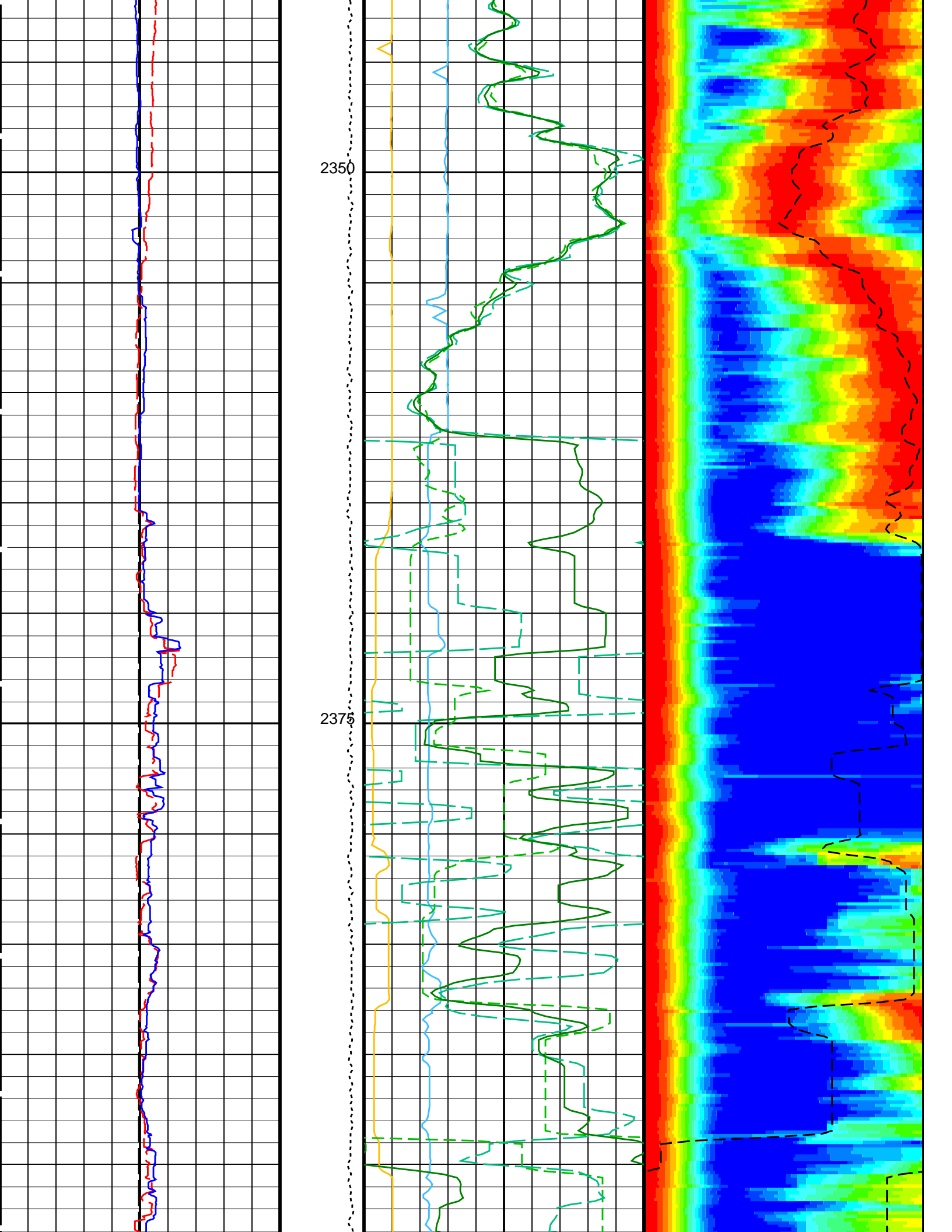
PIP SUMMARY

Time Mark Every 60 S



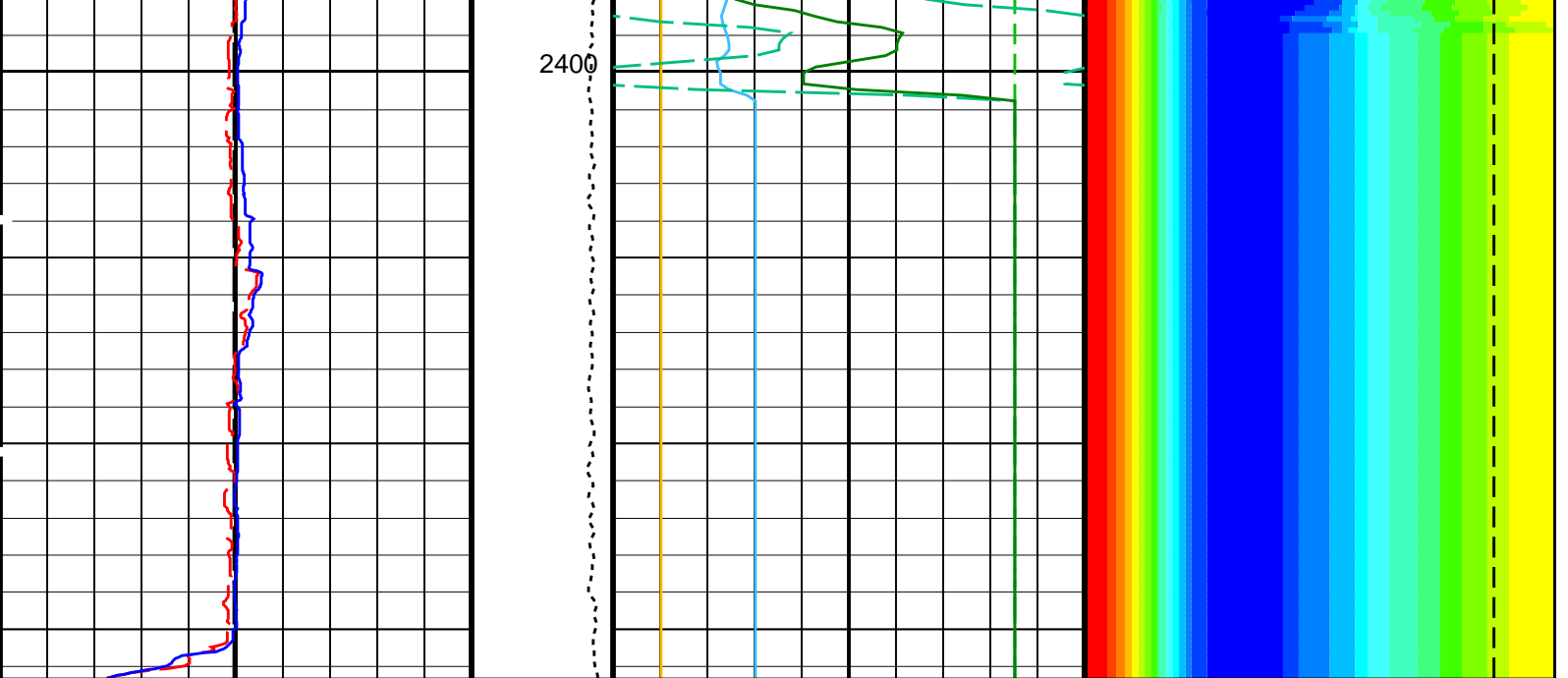






2350

2375



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

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
SECC	STC Frequency Channel Mode - 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	210	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: 05-Sep-2021 16:08

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_031LUP	FN:26	PRODUCER	05-Sep-2021 15:27	2416.3 M	2210.0 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_035PUP	FN:32	PRODUCER	05-Sep-2021 16:08		
RTB	FMS_DSI_NGS_035PUP	FN:33	PRODUCER	05-Sep-2021 16:08		

Company: International Ocean Discovery Program Well: Expedition 396, Site U1570D

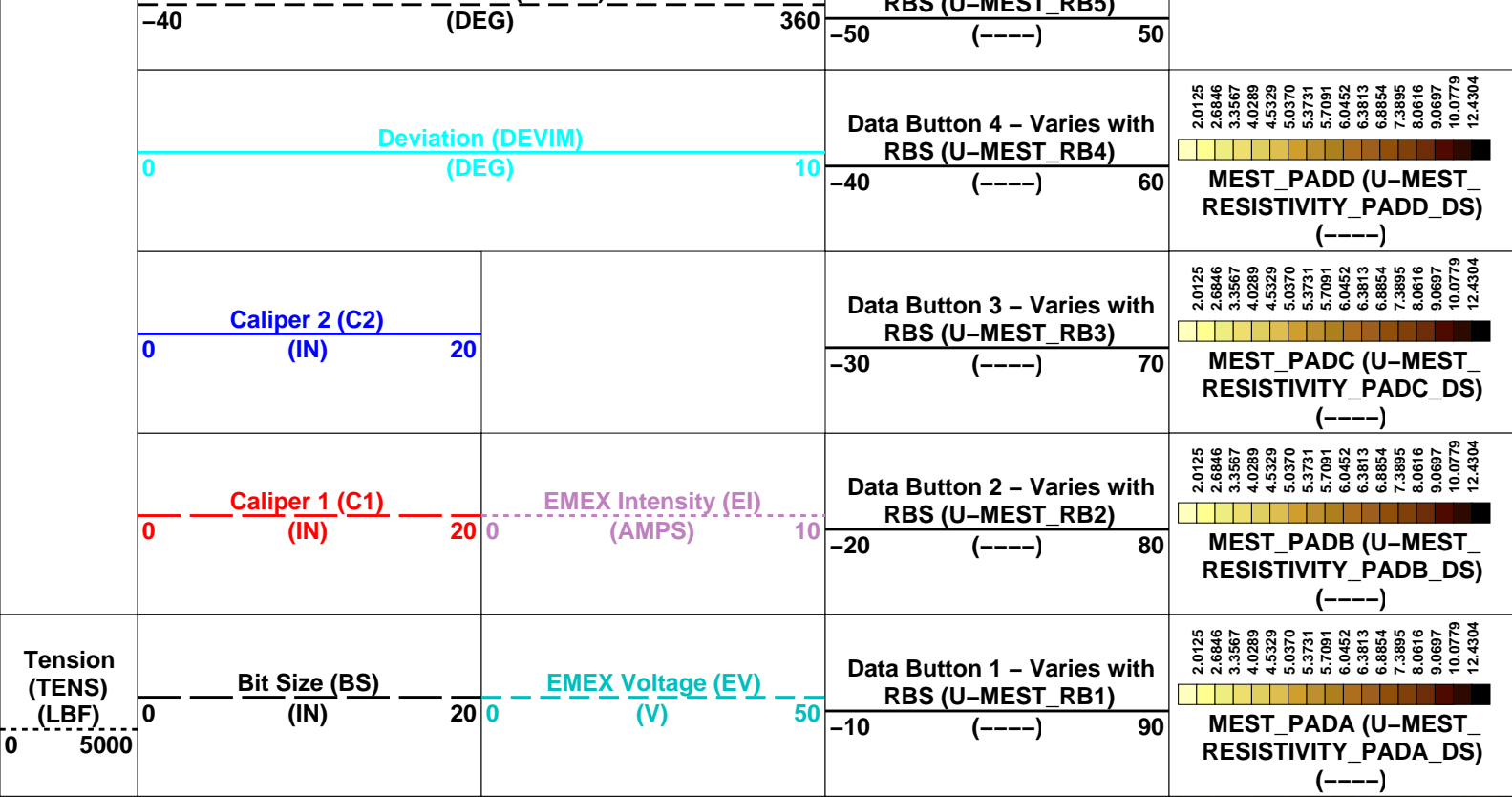
Input DLIS Files						
DEFAULT	FMS_DSI_NGS_031LUP	FN:26	PRODUCER	05-Sep-2021 15:27	2416.3 M	2210.0 M
Output DLIS Files						
DEFAULT	FMS_DSI_NGS_035PUP	FN:32	PRODUCER	05-Sep-2021 16:08	2416.3 M	2210.0 M
RTB	FMS_DSI_NGS_035PUP	FN:33	PRODUCER	05-Sep-2021 16:08	2416.3 M	2210.0 M

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

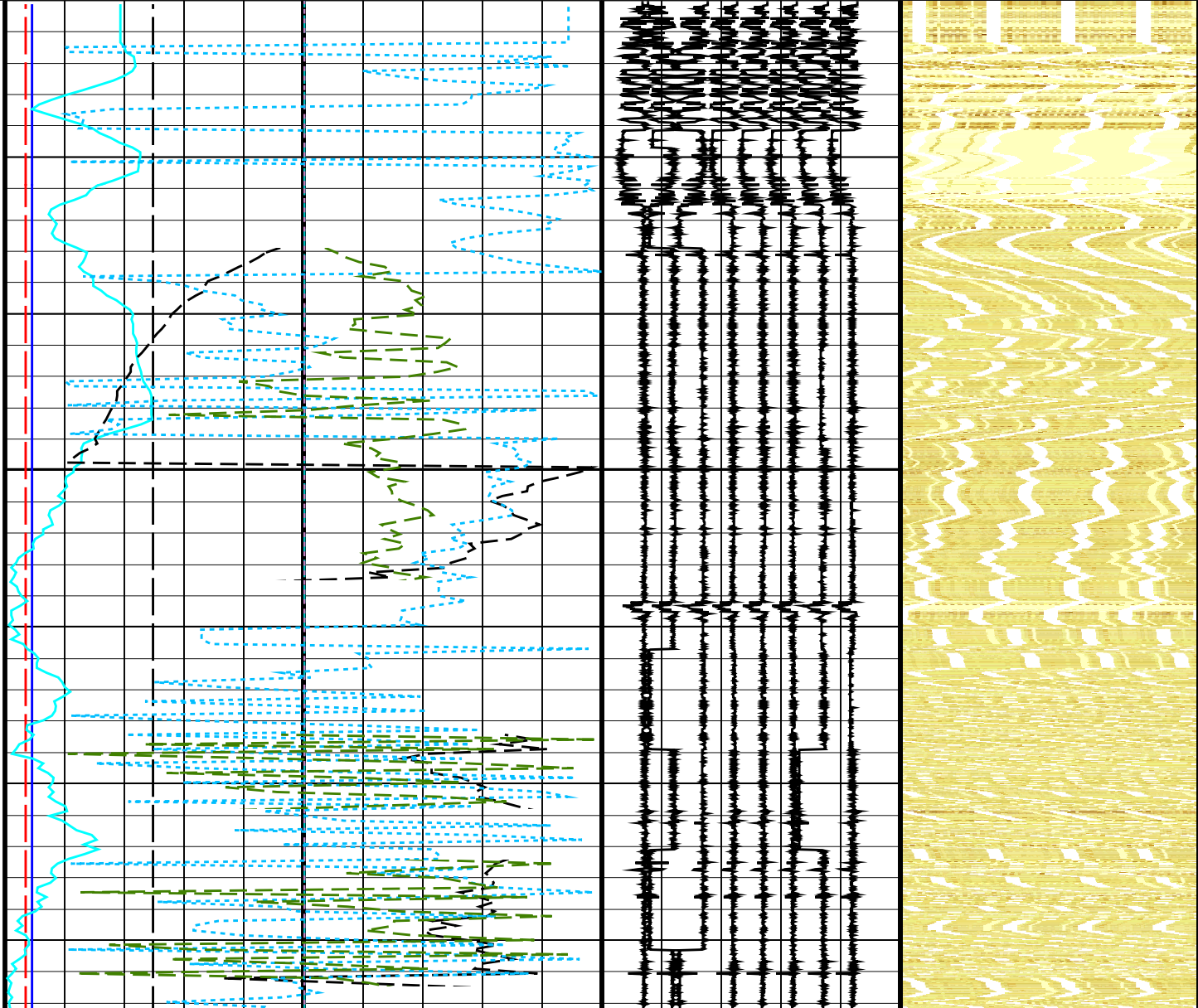
PIP SUMMARY

Time Mark Every 60 S

	Data Button 8 – Varies with RBS (U-MEST_RB8)	-80 (----) 20
	Data Button 7 – Varies with RBS (U-MEST_RB7)	-70 (----) 30
	Data Button 6 – Varies with RBS (U-MEST_RB6)	-60 (----) 40
	Data Button 5 – Varies with RBS (U-MEST_RB5)	



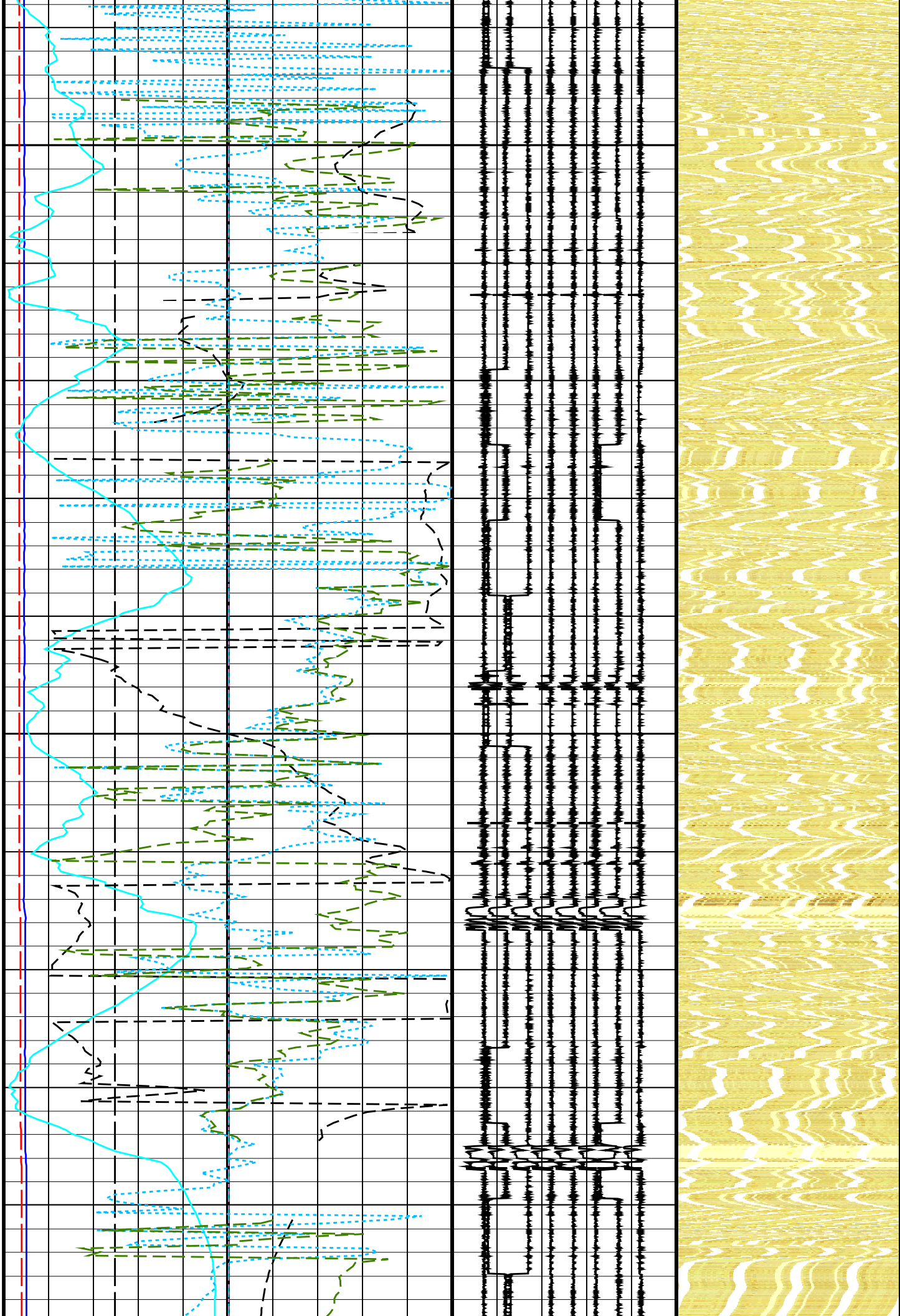
2225



2250

2275

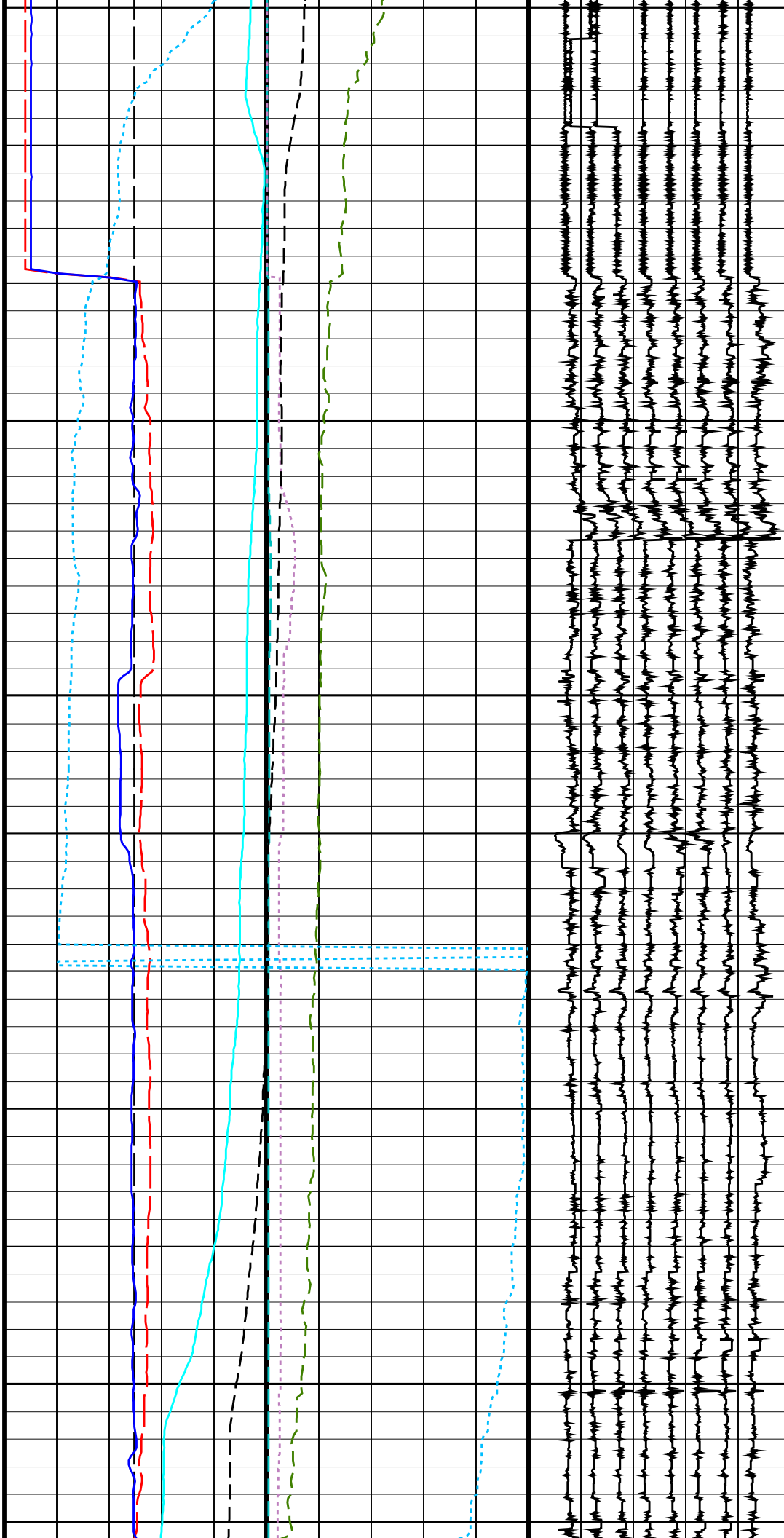
2300



2300

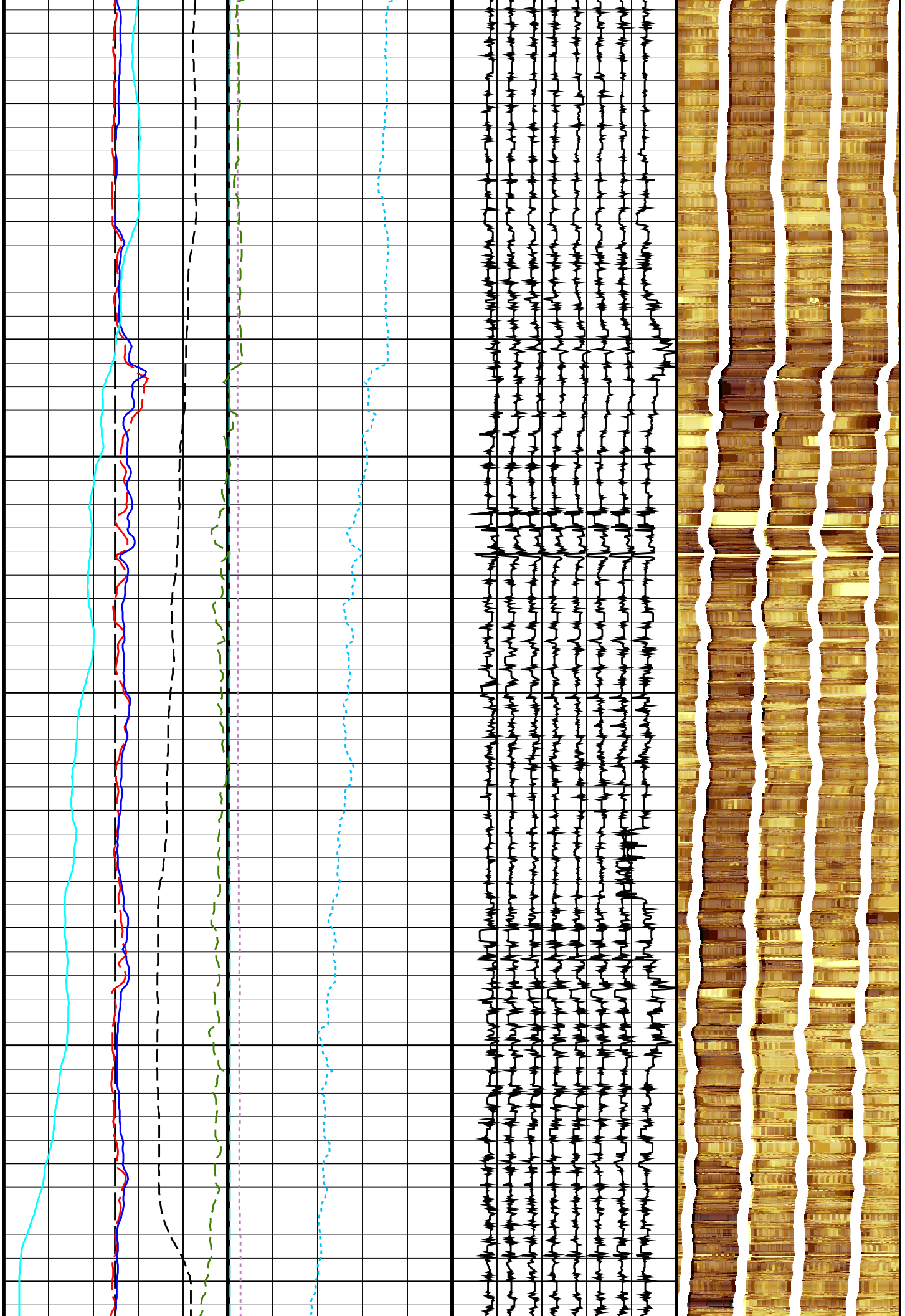
2325

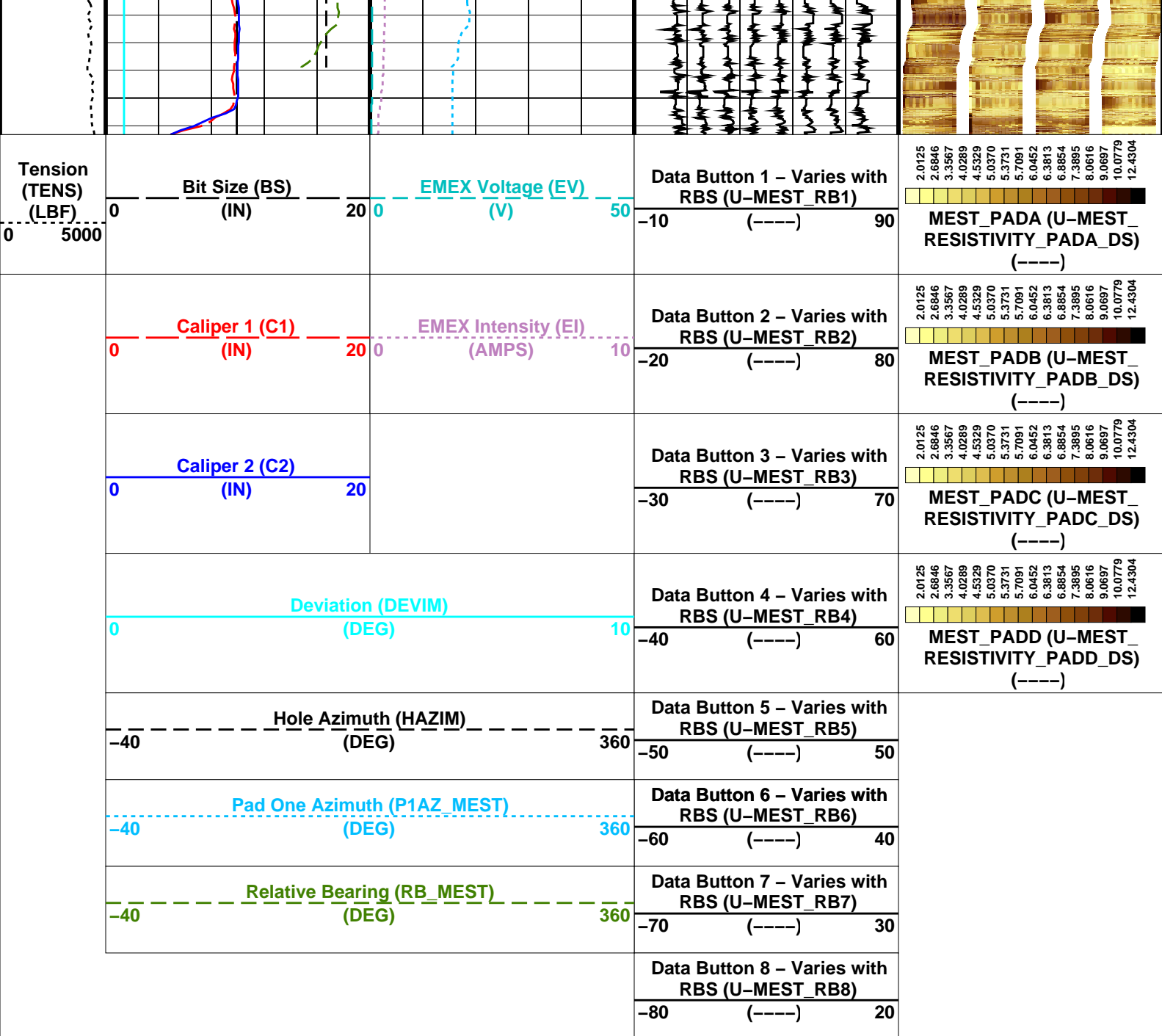
2350



2375

2400





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	0.133238 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: 05-Sep-2021 16:08

OP System Version: 19C0-187

Input DLIS Files

DEFAULT FMS_DSI_NGS_031LUP FN:26 PRODUCER 05-Sep-2021 15:27 2416.3 M 2210.0 M

Output DLIS Files

DEFAULT FMS_DSI_NGS_035PUP FN:32 PRODUCER 05-Sep-2021 16:08
 RTB FMS_DSI_NGS_035PUP FN:33 PRODUCER 05-Sep-2021 16:08



Calibrations

MAXIS Field Log

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
High Resolution Laterolog Array – B Wellsite Calibration – HRLT M01							
Before: 5-Sep-2021 8:12 After: 5-Sep-2021 12:24							
HRLT M0-M1 Voltage Plus – 0	0	N/A	-318.6	-318.6	0.01935	9.681	UV
HRLT M0-M1 Voltage Plus – 1	0	N/A	-330.2	-330.2	-0.01102	9.681	UV
HRLT M0-M1 Voltage Plus – 2	0	N/A	-337.4	-337.7	-0.2768	9.681	UV
HRLT M0-M1 Voltage Plus – 3	0	N/A	-328.3	-328.3	0.009521	9.681	UV
HRLT M0-M1 Voltage Plus – 4	0	N/A	-319.8	-319.8	0.04614	9.681	UV
HRLT M0-M1 Voltage Plus – 5	0	N/A	-321.5	-321.5	-0.002808	9.681	UV
HRLT M0-M1 Voltage Plus – 6	0	N/A	319.3	319.3	0.04584	9.681	UV
HRLT M0-M1 Voltage Plus – 7	0	N/A	-322.7	-322.7	0	9.681	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT M12							
Before: 5-Sep-2021 8:12 After: 5-Sep-2021 12:24							
HRLT M1-M2 Voltage Plus – 0	0	N/A	1739	1738	-0.9237	53.42	UV
HRLT M1-M2 Voltage Plus – 1	0	N/A	1810	1809	-0.6631	53.42	UV
HRLT M1-M2 Voltage Plus – 2	0	N/A	1842	1843	0.7126	53.42	UV
HRLT M1-M2 Voltage Plus – 3	0	N/A	1790	1790	-0.8821	53.42	UV
HRLT M1-M2 Voltage Plus – 4	0	N/A	1743	1742	-1.071	53.42	UV
HRLT M1-M2 Voltage Plus – 5	0	N/A	1753	1752	-0.8438	53.42	UV
HRLT M1-M2 Voltage Plus – 6	0	N/A	-1758	-1757	0.7609	53.42	UV
HRLT M1-M2 Voltage Plus – 7	0	N/A	1781	1781	0	53.42	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT M23							
Before: 5-Sep-2021 8:12 After: 5-Sep-2021 12:24							
HRLT M2-M3 Voltage Plus – 0	0	N/A	1731	1731	-0.5533	53.42	UV
HRLT M2-M3 Voltage Plus – 1	0	N/A	1811	1811	0.07458	53.42	UV
HRLT M2-M3 Voltage Plus – 2	0	N/A	1846	1847	0.7717	53.42	UV
HRLT M2-M3 Voltage Plus – 3	0	N/A	1797	1797	-0.07764	53.42	UV
HRLT M2-M3 Voltage Plus – 4	0	N/A	1745	1744	-0.6439	53.42	UV
HRLT M2-M3 Voltage Plus – 5	0	N/A	1756	1755	-0.3848	53.42	UV
HRLT M2-M3 Voltage Plus – 6	0	N/A	-1748	-1748	0.3361	53.42	UV
HRLT M2-M3 Voltage Plus – 7	0	N/A	1781	1781	0	53.42	UV
High Resolution Laterolog Array – B Wellsite Calibration – HRLT V34							
Before: 5-Sep-2021 8:12 After: 5-Sep-2021 12:24							
HRLT A3-A4 Voltage Plus – 0	0	N/A	68630	68620	-5.016	2100	UV
HRLT A3-A4 Voltage Plus – 1	0	N/A	71630	71640	9.148	2100	UV
HRLT A3-A4 Voltage Plus – 2	0	N/A	73300	73350	46.83	2100	UV
HRLT A3-A4 Voltage Plus – 3	0	N/A	71630	71630	-1.516	2100	UV
HRLT A3-A4 Voltage Plus – 4	0	N/A	69480	69460	-24.06	2100	UV
HRLT A3-A4 Voltage Plus – 5	0	N/A	69940	69910	-28.48	2100	UV
HRLT A3-A4 Voltage Plus – 6	0	N/A	-68190	-68190	0	2100	UV
HRLT A3-A4 Voltage Plus – 7	0	N/A	70000	70000	0	2100	UV

High Resolution Laterolog Array – B Wellsite Calibration – HRLT V45								
Before: 5–Sep–2021 8:12 After: 5–Sep–2021 12:24								
HRLT A4–A5 Voltage Plus – 0	0	N/A	68720	68700	-18.82	2100	UV	
HRLT A4–A5 Voltage Plus – 1	0	N/A	71830	71840	9.141	2100	UV	
HRLT A4–A5 Voltage Plus – 2	0	N/A	73480	73530	45.18	2100	UV	
HRLT A4–A5 Voltage Plus – 3	0	N/A	71780	71790	0.7656	2100	UV	
HRLT A4–A5 Voltage Plus – 4	0	N/A	69590	69570	-16.71	2100	UV	
HRLT A4–A5 Voltage Plus – 5	0	N/A	70030	70010	-21.36	2100	UV	
HRLT A4–A5 Voltage Plus – 6	0	N/A	-68400	-68400	-0.8594	2100	UV	
HRLT A4–A5 Voltage Plus – 7	0	N/A	70000	70000	0	2100	UV	

High Resolution Laterolog Array – B Wellsite Calibration – HRLT V56								
Before: 5–Sep–2021 8:12 After: 5–Sep–2021 12:24								
HRLT A5–A6 Voltage Plus – 0	0	N/A	68560	68540	-20.70	2100	UV	
HRLT A5–A6 Voltage Plus – 1	0	N/A	71690	71690	4.570	2100	UV	
HRLT A5–A6 Voltage Plus – 2	0	N/A	73330	73390	59.98	2100	UV	
HRLT A5–A6 Voltage Plus – 3	0	N/A	71660	71660	-4.555	2100	UV	
HRLT A5–A6 Voltage Plus – 4	0	N/A	69450	69440	-12.70	2100	UV	
HRLT A5–A6 Voltage Plus – 5	0	N/A	69900	69900	-3.242	2100	UV	
HRLT A5–A6 Voltage Plus – 6	0	N/A	-68240	-68240	-1.727	2100	UV	
HRLT A5–A6 Voltage Plus – 7	0	N/A	70000	70000	0	2100	UV	

High Resolution Laterolog Array – B Wellsite Calibration – HRLT VTP								
Before: 5–Sep–2021 8:12 After: 5–Sep–2021 12:24								
HRLT Torpedo–M0 Voltage – 0	0	N/A	-68100	-68080	15.57	2100	UV	
HRLT Torpedo–M0 Voltage – 1	0	N/A	-71500	-71500	-6.086	2100	UV	
HRLT Torpedo–M0 Voltage – 2	0	N/A	-73170	-73220	-43.80	2100	UV	
HRLT Torpedo–M0 Voltage – 3	0	N/A	-71560	-71560	3.609	2100	UV	
HRLT Torpedo–M0 Voltage – 4	0	N/A	-69420	-69400	20.43	2100	UV	
HRLT Torpedo–M0 Voltage – 5	0	N/A	-69860	-69850	14.83	2100	UV	
HRLT Torpedo–M0 Voltage – 6	0	N/A	68000	68000	4.945	2100	UV	
HRLT Torpedo–M0 Voltage – 7	0	N/A	-70000	-70000	0	2100	UV	

High Resolution Laterolog Array – B Wellsite Calibration – HRLT VBD								
Before: 5–Sep–2021 8:12 After: 5–Sep–2021 12:24								
HRLT Bridle#9–M0 Voltage – 0	0	N/A	-68140	-68130	8.984	2100	UV	
HRLT Bridle#9–M0 Voltage – 1	0	N/A	-71580	-71590	-8.695	2100	UV	
HRLT Bridle#9–M0 Voltage – 2	0	N/A	-73260	-73320	-53.18	2100	UV	
HRLT Bridle#9–M0 Voltage – 3	0	N/A	-71640	-71640	2.172	2100	UV	
HRLT Bridle#9–M0 Voltage – 4	0	N/A	-69460	-69450	14.68	2100	UV	
HRLT Bridle#9–M0 Voltage – 5	0	N/A	-69900	-69880	20.40	2100	UV	
HRLT Bridle#9–M0 Voltage – 6	0	N/A	68090	68090	-0.8281	2100	UV	
HRLT Bridle#9–M0 Voltage – 7	0	N/A	-70000	-70000	0	2100	UV	

High Resolution Laterolog Array – B Wellsite Calibration – HRLT ISO								
Before: 5–Sep–2021 8:12 After: 5–Sep–2021 12:24								
HRLT Source Current Plus – 0	0	N/A	284.2	284.2	-0.002625	8.520	UA	
HRLT Source Current Plus – 1	0	N/A	281.1	281.1	0	8.520	UA	
HRLT Source Current Plus – 2	0	N/A	281.1	281.1	0	8.520	UA	
HRLT Source Current Plus – 3	0	N/A	281.1	281.1	0	8.520	UA	
HRLT Source Current Plus – 4	0	N/A	281.1	281.1	0	8.520	UA	
HRLT Source Current Plus – 5	0	N/A	281.1	281.1	0	8.520	UA	
HRLT Source Current Plus – 6	0	N/A	281.1	281.1	0	8.520	UA	
HRLT Source Current Plus – 7	0	N/A	281.1	281.1	0	8.520	UA	

High Resolution Laterolog Array – B Wellsite Calibration – HRLT MV								
Before: 5–Sep–2021 8:12 After: 5–Sep–2021 12:24								
HRLT Vertical Voltage PI – 0	0	N/A	-320.6	-320.3	0.3201	9.681	UV	
HRLT Vertical Voltage PI – 1	0	N/A	-325.2	-324.9	0.2221	9.681	UV	
HRLT Vertical Voltage PI – 2	0	N/A	-331.1	-331.0	0.05283	9.681	UV	
HRLT Vertical Voltage PI – 3	0	N/A	-320.3	-320.0	0.2917	9.681	UV	
HRLT Vertical Voltage PI – 4	0	N/A	-309.1	-308.8	0.2887	9.681	UV	
HRLT Vertical Voltage PI – 5	0	N/A	-325.6	-325.3	0.2950	9.681	UV	
HRLT Vertical Voltage PI – 6	0	N/A	327.0	326.7	-0.2959	9.681	UV	
HRLT Vertical Voltage PI – 7	0	N/A	-322.7	-322.7	0	9.681	UV	

Hostile Litho–Density Sonde Wellsite Calibration – Background Measurement								
Master: Calibration out of date 2–May–2021 7:20 Before: 5–Sep–2021 8:15 After: 5–Sep–2021 12:27								
SS Cs Resolution Bkg	9.000	7.698	7.702	7.648	-0.05352	1.800	%	
LS Cs Resolution Bkg	9.000	7.989	7.982	8.011	0.02887	1.800	%	
LSW1 Background	100.0	71.96	69.25	70.78	1.521	3.000	CPS	
LSW2 Background	100.0	65.02	63.63	64.47	0.8364	3.000	CPS	
LSW3 Background	200.0	146.1	145.6	144.2	-1.338	6.000	CPS	
LSW4 Background	250.0	183.2	178.7	181.8	3.100	7.500	CPS	
LSW5 Background	600.0	424.9	420.7	420.4	-0.3299	18.00	CPS	
SSW1 Background	100.0	68.97	68.19	67.74	-0.4523	3.000	CPS	
SSW2 Background	200.0	118.2	117.5	117.7	0.1749	6.000	CPS	
SSW3 Background	500.0	331.3	328.0	327.1	-0.9327	15.00	CPS	
SSW4 Background	270.0	178.4	177.9	176.2	-1.654	8.100	CPS	
SSW5 Background	200.0	127.4	126.3	125.9	-0.4092	6.000	CPS	

Hostile Litho-Density Sonde Wellsite Calibration – Aluminum Measurement

Master: Calibration out of date 2-May-2021 7:46

LSW1 Aluminum	600.0	437.4	N/A	N/A	N/A	N/A	CPS
LSW2 Aluminum	900.0	651.2	N/A	N/A	N/A	N/A	CPS
LSW3 Aluminum	1100	787.2	N/A	N/A	N/A	N/A	CPS
LSW4 Aluminum	580.0	396.8	N/A	N/A	N/A	N/A	CPS
LSW5 Aluminum	570.0	364.1	N/A	N/A	N/A	N/A	CPS
SSW1 Aluminum	2800	2070	N/A	N/A	N/A	N/A	CPS
SSW2 Aluminum	8000	5832	N/A	N/A	N/A	N/A	CPS
SSW3 Aluminum	11600	8191	N/A	N/A	N/A	N/A	CPS
SSW4 Aluminum	5000	3322	N/A	N/A	N/A	N/A	CPS
SSW5 Aluminum	660.0	384.2	N/A	N/A	N/A	N/A	CPS

Hostile Litho-Density Sonde Wellsite Calibration – Lithology Measurement

Master: Calibration out of date 2-May-2021 7:41

LSW1 Iron	400.0	298.6	N/A	N/A	N/A	N/A	CPS
LSW2 Iron	730.0	524.2	N/A	N/A	N/A	N/A	CPS
LSW3 Iron	1000	699.6	N/A	N/A	N/A	N/A	CPS
LSW4 Iron	520.0	360.1	N/A	N/A	N/A	N/A	CPS
LSW5 Iron	470.0	333.9	N/A	N/A	N/A	N/A	CPS
SSW1 Iron	2100	1520	N/A	N/A	N/A	N/A	CPS
SSW2 Iron	6800	4870	N/A	N/A	N/A	N/A	CPS
SSW3 Iron	10800	7479	N/A	N/A	N/A	N/A	CPS
SSW4 Iron	4600	3030	N/A	N/A	N/A	N/A	CPS
SSW5 Iron	580.0	343.3	N/A	N/A	N/A	N/A	CPS

Hostile Litho-Density Sonde Wellsite Calibration – Caliper Calibration

Before: Calibration out of date 2-May-2021 8:12

HLDS Caliper Small Ring	12.00	N/A	16.10	N/A	N/A	N/A	IN
HLDS Caliper Large Ring	15.19	N/A	20.13	N/A	N/A	N/A	IN

Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 1 Check

Master: Calibration out of date 2-May-2021 10:04 Before: 5-Sep-2021 8:16 After: 5-Sep-2021 12:28

Na 511 Peak Loc	40.00	39.25	39.60	39.79	0.1892	1.000	
Na 511 Peak Res	15.50	16.53	15.69	15.51	-0.1810	2.000	%
High Voltage	1150	1197	1173	1174	1.272	N/A	V
Na 1785 Peak Loc	142.6	141.8	142.3	141.7	-0.6377	7.000	
Na 1785 Peak Res	8.500	8.905	8.528	10.88	2.348	2.000	%
Temperature	15.50	26.59	14.36	14.31	-0.04541	N/A	DEGC
Na Count Rate	45.00	12.01	10.84	11.17	0.3311	8.000	CPS

Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 2 Check

Master: Calibration out of date 2-May-2021 10:04 Before: 5-Sep-2021 8:16 After: 5-Sep-2021 12:28

Na 511 Peak Loc	40.00	39.88	39.64	39.65	0.002850	1.000	
Na 511 Peak Res	15.50	15.29	15.87	15.12	-0.7509	2.000	%
High Voltage	1150	1122	1099	1097	-1.795	N/A	V
Na 1785 Peak Loc	142.6	142.6	141.2	140.9	-0.2853	7.000	
Na 1785 Peak Res	8.500	8.040	9.093	8.532	-0.5603	2.000	%
Temperature	15.50	27.21	14.94	15.72	0.7800	N/A	DEGC
Na Count Rate	45.00	12.32	10.93	11.30	0.3753	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: 5-Sep-2021 8:16 After: 5-Sep-2021 12:28

Coincidence Count Rate Ratio	1.000	0.9728	0.9945	0.9862	-0.008349	0.05000	
------------------------------	-------	--------	--------	--------	-----------	---------	--

High Resolution Laterolog Array – B / Equipment Identification

Primary Equipment:

HRLT Sonde HRLS – B 768

Auxiliary Equipment:

HRLT lower Housing HRLH – B 1869
 HRLT Lower Cartridge HRLC – B 1897
 HRLT upper Housing HRUH – B 975
 HRLT Upper Cartridge HRUC – B 964

High Resolution Laterolog Array – B Wellsite Calibration

HRLT M01

Idx	Phase	HRLT M0-M1 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-318.6	-322.7	-280.7	-379.7
	After		-318.6			
1	Before		-330.2	-322.7	-280.7	-379.7
	After		-330.2			

	After		-330.2			
2	Before		-337.4	-322.7	-280.7	-379.7
	After		-337.7			
3	Before		-328.3	-322.7	-280.7	-379.7
	After		-328.3			
4	Before		-319.8	-322.7	-280.7	-379.7
	After		-319.8			
5	Before		-321.5	-322.7	-280.7	-379.7
	After		-321.5			
6	Before		319.3	322.7	379.7	280.7
	After		319.3			
7	Before		-322.7	-322.7	-280.7	-379.7
	After		-322.7			
			(Minimum)	(Nominal)	(Maximum)	
Before: 5-Sep-2021 8:12						
After: 5-Sep-2021 12:24						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT M12						
Idx	Phase	HRLT M1–M2 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		1739	1781	2095	1549
	After		1738			
1	Before		1810	1781	2095	1549
	After		1809			
2	Before		1842	1781	2095	1549
	After		1843			
3	Before		1790	1781	2095	1549
	After		1790			
4	Before		1743	1781	2095	1549
	After		1742			
5	Before		1753	1781	2095	1549
	After		1752			
6	Before		-1758	-1781	-1549	-2095
	After		-1757			
7	Before		1781	1781	2095	1549
	After		1781			
			(Minimum)	(Nominal)	(Maximum)	
Before: 5-Sep-2021 8:12						
After: 5-Sep-2021 12:24						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT M23						
Idx	Phase	HRLT M2–M3 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		1731	1781	2095	1549
	After		1731			
1	Before		1811	1781	2095	1549
	After		1811			
2	Before		1846	1781	2095	1549
	After		1846			

	After		1847			
3	Before		1797	1781	2095	1549
	After		1797			
4	Before		1745	1781	2095	1549
	After		1744			
5	Before		1756	1781	2095	1549
	After		1755			
6	Before		-1748	-1781	-1549	-2095
	After		-1748			
7	Before		1781	1781	2095	1549
	After		1781			
			(Minimum)	(Nominal)	(Maximum)	

Before: 5-Sep-2021 8:12
 After: 5-Sep-2021 12:24

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT V34						
Idx	Phase	HRLT A3–A4 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		68630	70000	82360	60900
	After		68620			
1	Before		71630	70000	82360	60900
	After		71640			
2	Before		73300	70000	82360	60900
	After		73350			
3	Before		71630	70000	82360	60900
	After		71630			
4	Before		69480	70000	82360	60900
	After		69460			
5	Before		69940	70000	82360	60900
	After		69910			
6	Before		-68190	-70000	-60900	-82360
	After		-68190			
7	Before		70000	70000	82360	60900
	After		70000			
			(Minimum)	(Nominal)	(Maximum)	

Before: 5-Sep-2021 8:12
 After: 5-Sep-2021 12:24

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT V45						
Idx	Phase	HRLT A4–A5 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		68720	70000	82360	60900
	After		68700			
1	Before		71830	70000	82360	60900
	After		71840			
2	Before		73480	70000	82360	60900
	After		73530			
3	Before		71780	70000	82360	60900
	After		71780			

	Phase	HRLT A5-A6 Voltage Plus UV	Value	Nominal	Maximum	Minimum
4	After		71790	70000	82360	60900
	Before		69590	70000	82360	60900
5	After		69570	70000	82360	60900
	Before		70030	70000	82360	60900
6	After		70010	70000	82360	60900
	Before		-68400	-70000	-60900	-82360
7	After		-68400	-70000	-60900	-82360
	Before		70000	70000	82360	60900
			70000	70000	82360	60900
(Minimum) (Nominal) (Maximum)						

Before: 5-Sep-2021 8:12
After: 5-Sep-2021 12:24

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT V56						
Idx	Phase	HRLT A5-A6 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	After		68560	70000	82360	60900
	Before		68540	70000	82360	60900
1	After		71690	70000	82360	60900
	Before		71690	70000	82360	60900
2	After		73330	70000	82360	60900
	Before		73390	70000	82360	60900
3	After		71660	70000	82360	60900
	Before		71660	70000	82360	60900
4	After		69450	70000	82360	60900
	Before		69440	70000	82360	60900
5	After		69900	70000	82360	60900
	Before		69900	70000	82360	60900
6	After		-68240	-70000	-60900	-82360
	Before		-68240	-70000	-60900	-82360
7	After		70000	70000	82360	60900
	Before		70000	70000	82360	60900
(Minimum) (Nominal) (Maximum)						

Before: 5-Sep-2021 8:12
After: 5-Sep-2021 12:24

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT VTP						
Idx	Phase	HRLT Torpedo-M0 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	After		-68100	-70000	-60900	-82360
	Before		-68080	-70000	-60900	-82360
1	After		-71500	-70000	-60900	-82360
	Before		-71500	-70000	-60900	-82360
2	After		-73170	-70000	-60900	-82360
	Before		-73220	-70000	-60900	-82360
3	After		-71560	-70000	-60900	-82360
	Before		-71560	-70000	-60900	-82360
4	Before		-69420	-70000	-60900	-82360

Idx	Phase	HRLT Source Current Plus UA	Value	Nominal	Maximum	Minimum
5	Before		-69400	-70000	-60900	-82360
	After		-69860			
6	Before		68000	70000	82360	60900
	After		68000			
7	Before		-70000	-70000	-60900	-82360
	After		-70000			
			(Minimum)	(Nominal)	(Maximum)	

Before: 5-Sep-2021 8:12
After: 5-Sep-2021 12:24

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT VBD						
Idx	Phase	HRLT Bridle#9-M0 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-68140	-70000	-60900	-82360
	After		-68130			
1	Before		-71580	-70000	-60900	-82360
	After		-71590			
2	Before		-73260	-70000	-60900	-82360
	After		-73320			
3	Before		-71640	-70000	-60900	-82360
	After		-71640			
4	Before		-69460	-70000	-60900	-82360
	After		-69450			
5	Before		-69900	-70000	-60900	-82360
	After		-69880			
6	Before		68090	70000	82360	60900
	After		68090			
7	Before		-70000	-70000	-60900	-82360
	After		-70000			
			(Minimum)	(Nominal)	(Maximum)	

Before: 5-Sep-2021 8:12
After: 5-Sep-2021 12:24

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT ISO						
Idx	Phase	HRLT Source Current Plus UA	Value	Nominal	Maximum	Minimum
0	Before		284.2	284.0	334.1	247.0
	After		284.2			
1	Before		281.1	281.1	330.7	244.4
	After		281.1			
2	Before		281.1	281.1	330.7	244.4
	After		281.1			
3	Before		281.1	281.1	330.7	244.4
	After		281.1			
4	Before		281.1	281.1	330.7	244.4
	After		281.1			
5	Before		281.1	281.1	330.7	244.4
	After		281.1			

6	After		281.1	281.1	330.7	244.4
	Before		281.1			
	After		281.1			
7	Before		281.1	281.1	330.7	244.4
	After		281.1			
			(Minimum)	(Nominal)	(Maximum)	
Before: 5-Sep-2021 8:12						
After: 5-Sep-2021 12:24						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT MV						
Idx	Phase	HRLT Vertical Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-320.6	-322.7	-280.7	-379.7
	After		-320.3			
1	Before		-325.2	-322.7	-280.7	-379.7
	After		-324.9			
2	Before		-331.1	-322.7	-280.7	-379.7
	After		-331.0			
3	Before		-320.3	-322.7	-280.7	-379.7
	After		-320.0			
4	Before		-309.1	-322.7	-280.7	-379.7
	After		-308.8			
5	Before		-325.6	-322.7	-280.7	-379.7
	After		-325.3			
6	Before		327.0	322.7	379.7	280.7
	After		326.7			
7	Before		-322.7	-322.7	-280.7	-379.7
	After		-322.7			
			(Minimum)	(Nominal)	(Maximum)	
Before: 5-Sep-2021 8:12						
After: 5-Sep-2021 12:24						

Hostile Litho-Density Sonde / Equipment Identification			
Primary Equipment:			
Gamma Source Radioactive	GSR – ZA	2945	
Hostile Litho Density Sonde	HLDS – D	77	
Hostile Litho Density High Voltage	HLDV – D	67	
Auxiliary Equipment:			
Hostile Litho Density High Voltage Housi	HEH – H	67	
Hostile Litho Density Pad	HLDP – C	83	

Hostile Litho-Density Sonde Wellsite Calibration								
Background Measurement								
Phase	SS Cs Resolution Bkg %	Value	Phase	LS Cs Resolution Bkg %	Value	Phase	LSW1 Background CPS	Value
Master		7.698	Master		7.989	Master		71.96
Before		7.702	Before		7.982	Before		69.25
After		7.648	After		8.011	After		70.78
		7.000 (Minimum)			9.000 (Nominal)			11.00 (Maximum)
		7.000 (Minimum)			9.000 (Nominal)			11.00 (Maximum)
		55.00 (Minimum)			100.0 (Nominal)			150.0 (Maximum)
Phase	LSW2 Background CPS	Value	Phase	LSW3 Background CPS	Value	Phase	LSW4 Background CPS	Value
Master		65.02	Master		146.1	Master		183.2

Before		63.63	Before		145.6	Before		178.7
After		64.47	After		144.2	After		181.8
50.00 (Minimum) 100.0 (Nominal) 140.0 (Maximum)			110.0 (Minimum) 200.0 (Nominal) 290.0 (Maximum)			140.0 (Minimum) 250.0 (Nominal) 360.0 (Maximum)		
Phase	LSW5 Background CPS	Value	Phase	SSW1 Background CPS	Value	Phase	SSW2 Background CPS	Value
Master		424.9	Master		68.97	Master		118.2
Before		420.7	Before		68.19	Before		117.5
After		420.4	After		67.74	After		117.7
330.0 (Minimum) 600.0 (Nominal) 830.0 (Maximum)			55.00 (Minimum) 100.0 (Nominal) 150.0 (Maximum)			100.0 (Minimum) 200.0 (Nominal) 260.0 (Maximum)		
Phase	SSW3 Background CPS	Value	Phase	SSW4 Background CPS	Value	Phase	SSW5 Background CPS	Value
Master		331.3	Master		178.4	Master		127.4
Before		328.0	Before		177.9	Before		126.3
After		327.1	After		176.2	After		125.9
280.0 (Minimum) 500.0 (Nominal) 700.0 (Maximum)			150.0 (Minimum) 270.0 (Nominal) 380.0 (Maximum)			110.0 (Minimum) 200.0 (Nominal) 270.0 (Maximum)		
Master: Calibration out of date 2-May-2021 7:20			Before: 5-Sep-2021 8:15			After: 5-Sep-2021 12:27		

Litho-Density Spectroscopy Cartridge - B / Equipment Identification

Primary Equipment: LDSC Cartridge	LDSC - B	521
Auxiliary Equipment: LDSC Housing	LDSH - A	319

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 Gamma Source Radioactive	HNSH - BA GSR - U	102 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		39.60	Before		15.69	Before		1173
After		39.79	After		15.51	After		1174
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		142.3	Before		8.528	Before		14.36
After		141.7	After		10.88	After		14.31
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		10.84
After		11.17
	10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)	
Master: Calibration out of date 2-May-2021 10:04 Before: 5-Sep-2021 8:16 After: 5-Sep-2021 12:28		

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		39.64	Before		15.87	Before		1099			
After		39.65	After		15.12	After		1097			
	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		141.2	Before		9.093	Before		14.94			
After		140.9	After		8.532	After		15.72			
	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		10.93									
After		11.30									
	10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)										
Master: Calibration out of date 2-May-2021 10:04 Before: 5-Sep-2021 8:16 After: 5-Sep-2021 12:28											

Hostile Natural Gamma Ray Sonde Wellsite Calibration		
Ratio Of Detector 1 To Detector 2		
Phase	Coincidence Count Rate Ratio	Value
Master		0.9728
Before		0.9945
After		0.9862
	0.9500 (Minimum) 1.000 (Nominal) 1.050 (Maximum)	
Master: Calibration out of date 2-May-2021 10:04		
Before: 5-Sep-2021 8:16		
After: 5-Sep-2021 12:28		

DTS Telemetry Tool / Equipment Identification		
Primary Equipment:		
DTC-H Auxiliary Cartridge	DTCH - A	8799
DTC-H Telemetry Cartridge	DTCH - A	8799
Auxiliary Equipment:		
DTCH Telemetry Cartridge Housing	ECH - KC	9842

Well: Expedition 396, Site U1570D
Field: Mid-Norwegian Cont. Margin Magmatism
Rig: JOIDES Resolution
Country: Iceland

Dipole Sonic Imagr (DSI)
Formation Microscanner (FMS)