

DISCLAIMER

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OTHER SERVICES1

OS1: APS
OS2: HRLA
OS3: HLDS
OS4:
OS5:

OTHER SERVICES2

OS1:
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 1

Hole drilled with RCB BHA at 9 7/8" BS

REMARKS: RUN NUMBER 2

Drill pipe set at 4324.5 mbrf.

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.

RUN 1

SERVICE ORDER #:
PROGRAM VERSION: 19C0-187
FLUID LEVEL:

RUN 2

SERVICE ORDER #:
PROGRAM VERSION:
FLUID LEVEL:

LOGGED INTERVAL

START

STOP

LOGGED INTERVAL

START

STOP

EQUIPMENT DESCRIPTION

RUN 1

RUN 2


SURFACE EQUIPMENT

GSR-U 6098
WITM (EDTS)-A

DOWNHOLE EQUIPMENT

LEH-QT  35.88

LEH-QT 301 MDSB_EDTC  34.55 34.99

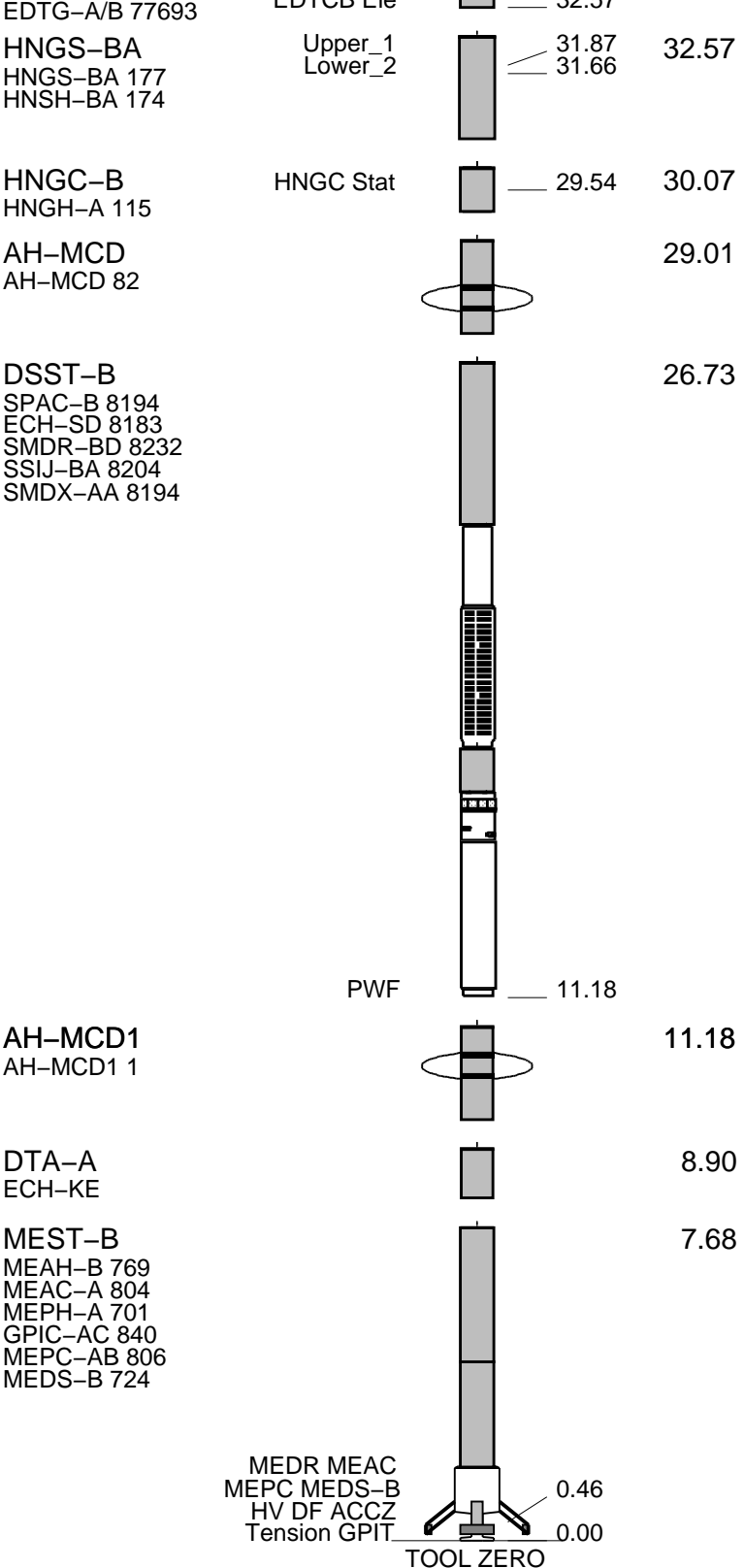
AH-369 Mud Tempe  33.49 34.55

EDTC-B Gamma Ray  32.92 34.55

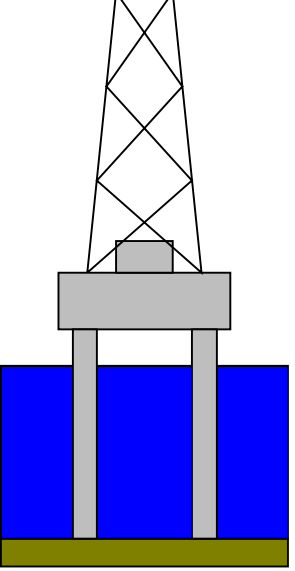
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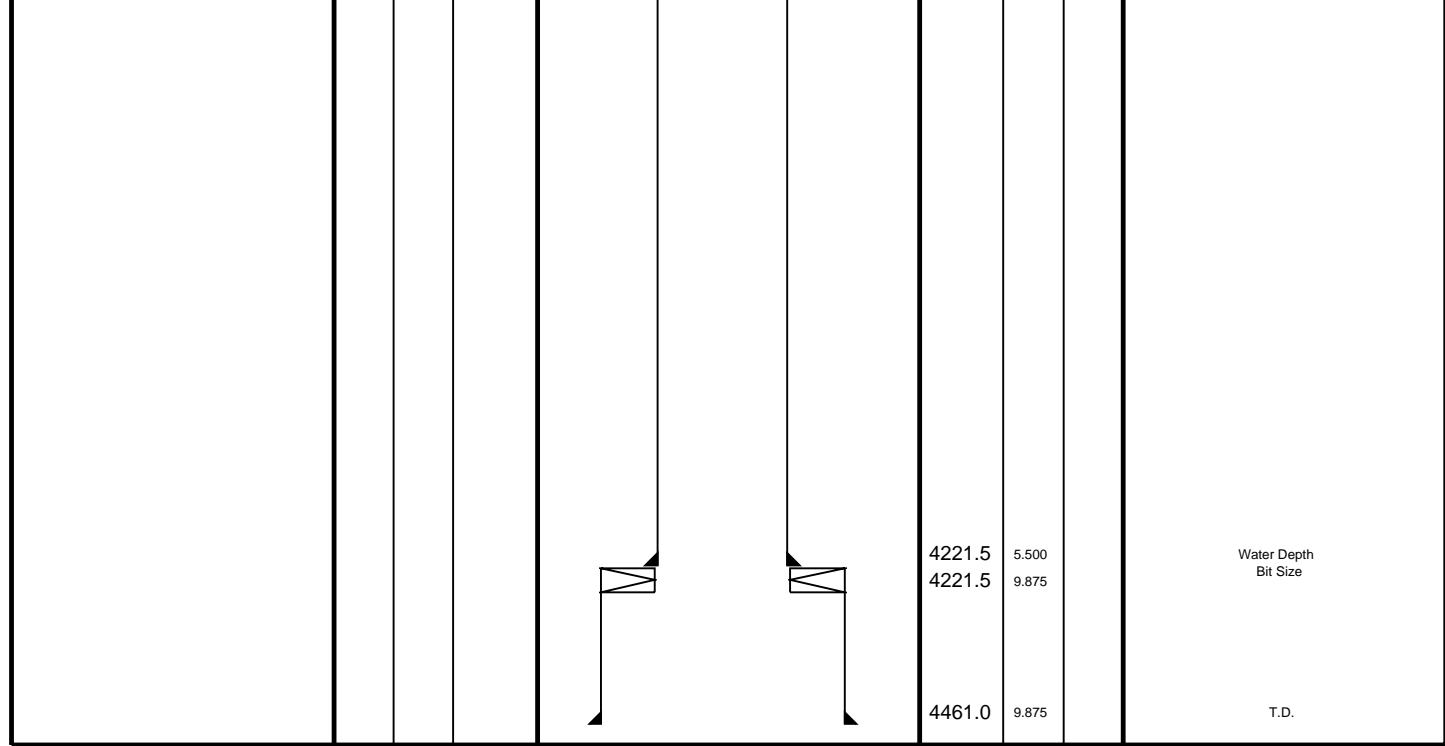
EDTC-B 8529 TelStatus  32.57

EDTCB File 32.57



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

Production String	<div style="display: flex; justify-content: space-around;"> (in) (ft) </div> <div style="display: flex; justify-content: space-between;"> OD ID MD </div>	Well Schematic	<div style="display: flex; justify-content: space-around;"> (ft) (in) </div> <div style="display: flex; justify-content: space-between;"> MD OD ID </div>	Casing String
<p>Kelly Bushing Elevation</p> <p>Derrick Floor Elevation</p> <p>Mean Sea Level</p>	<p>11.0</p> <p>0.0</p>		<p>0.0</p> <p>5.500</p>	<p>Drill Pipe</p>



Downlog

MAXIS Field Log

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_028LUP	PRODUCER	18-Jul-2022 16:19	4370.1 M	4137.7 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_047PUP	FN:41	PRODUCER	25-Jul-2022 14:03	4370.7 M	4137.7 M
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OP System Version: 19C0-187

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

PIP SUMMARY

Time Mark Every 60 S

HNGS Spectroscopy Gamma Ray
(HSGR)

0 (GAPI) 100

Area1
From HCGR to HSGR

0 (GAPI) 100

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

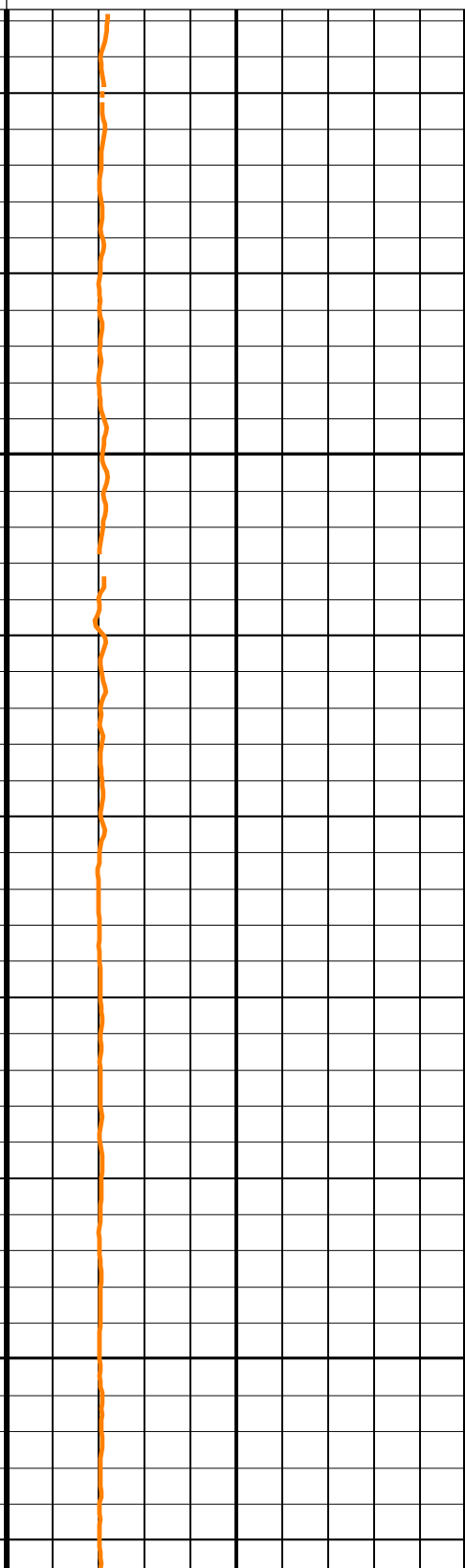
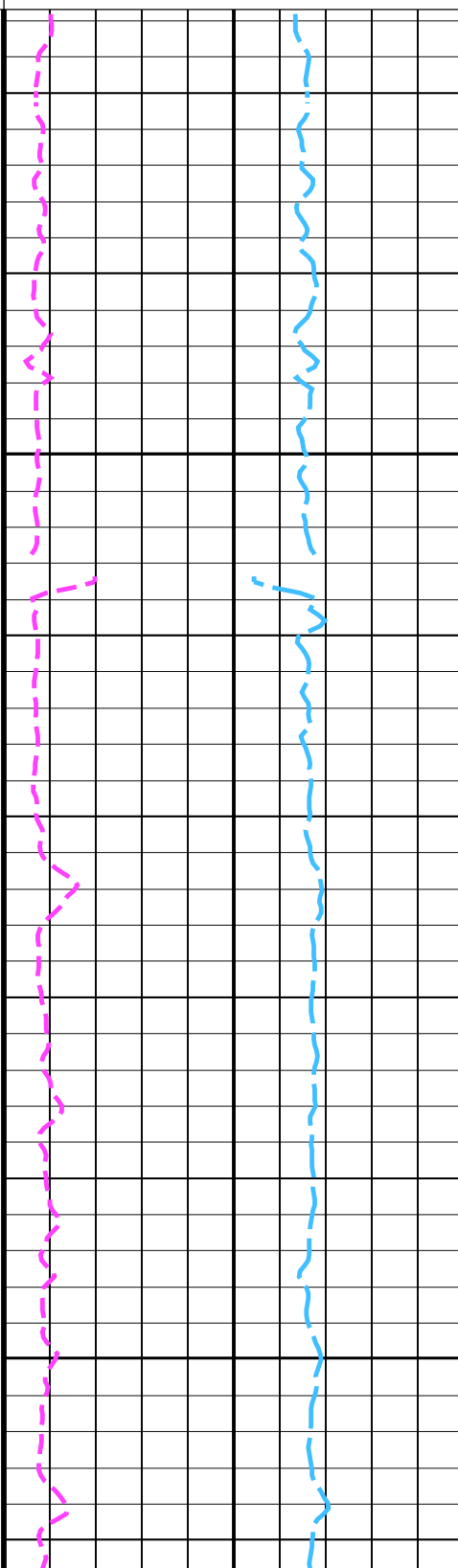
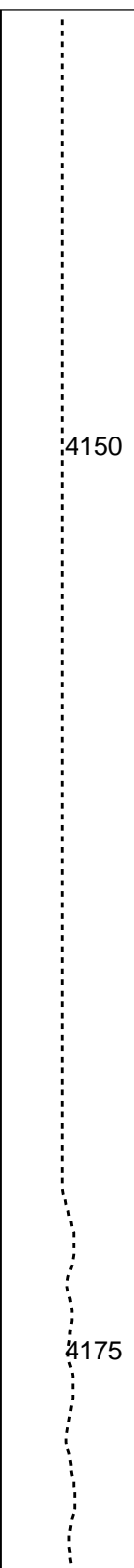
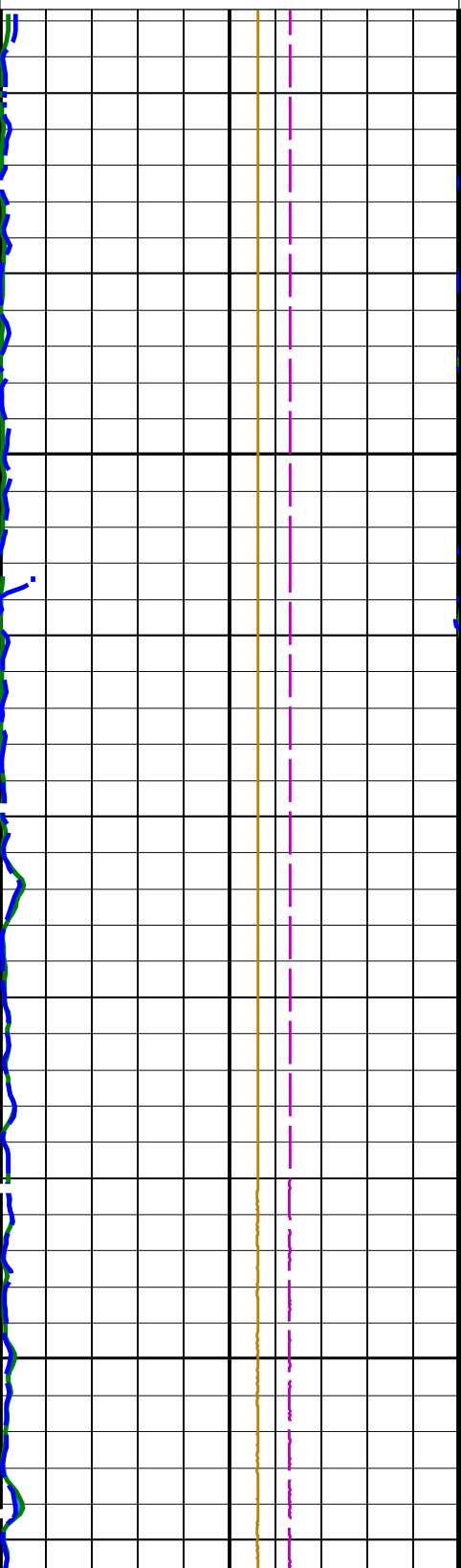
6 (IN) 16

HNGS Uranium (HURA)
-5 (PPM) 10

6 (IN) 16

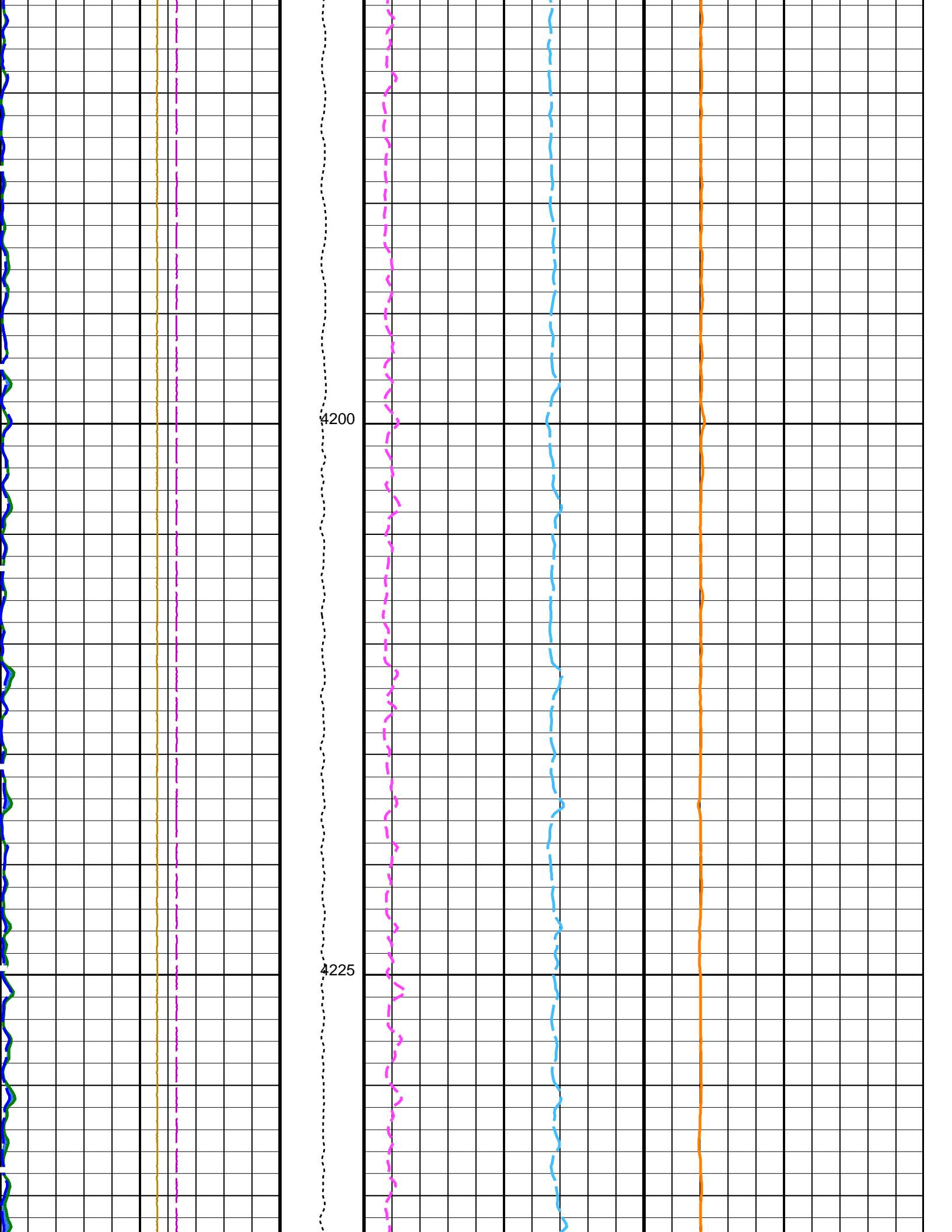
HNGS Thorium (HTHO) (PPM) 14
HNGS Potassium (HFK) (----) 0.04

Tension
(TENS)
(LBF)
10000 0



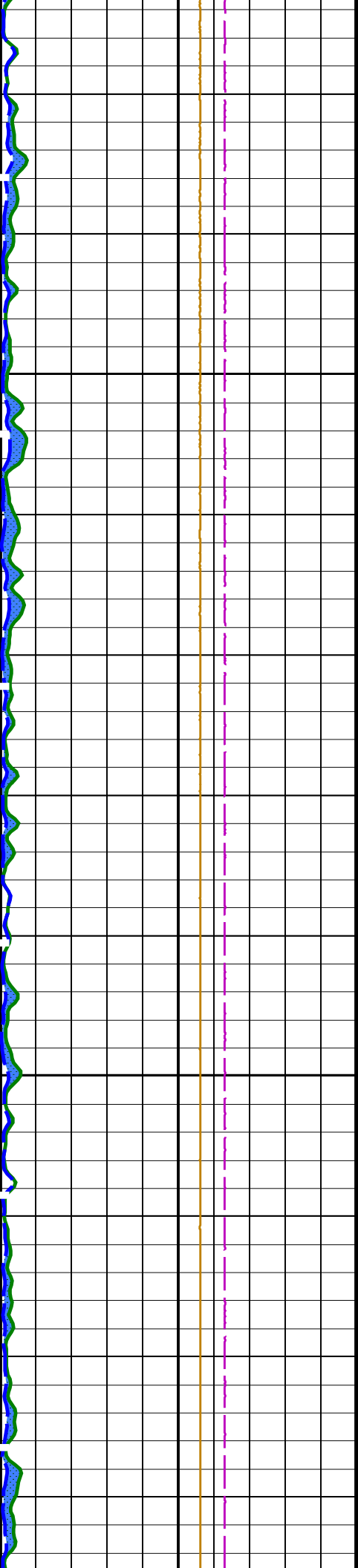
4150

4175



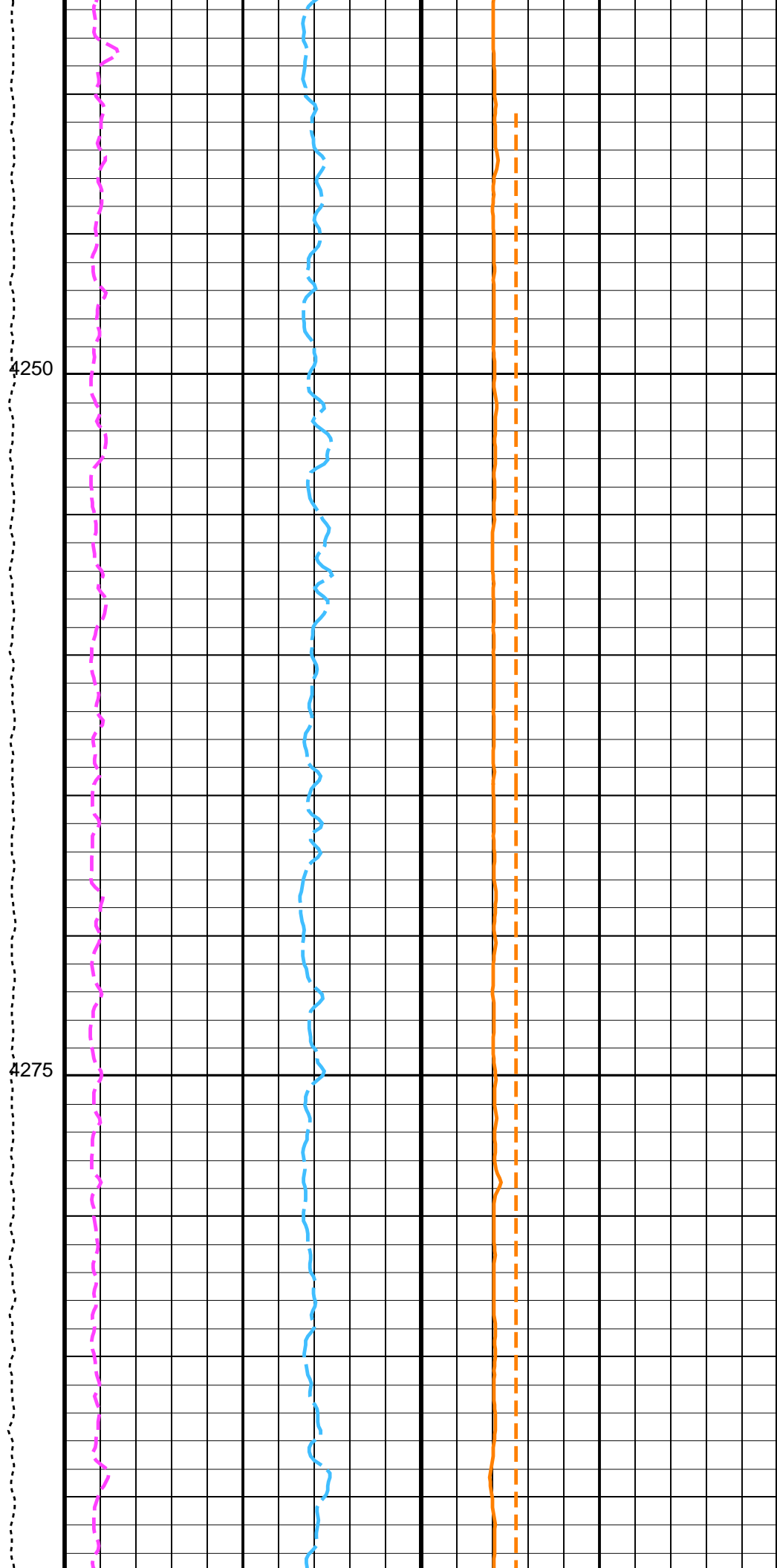
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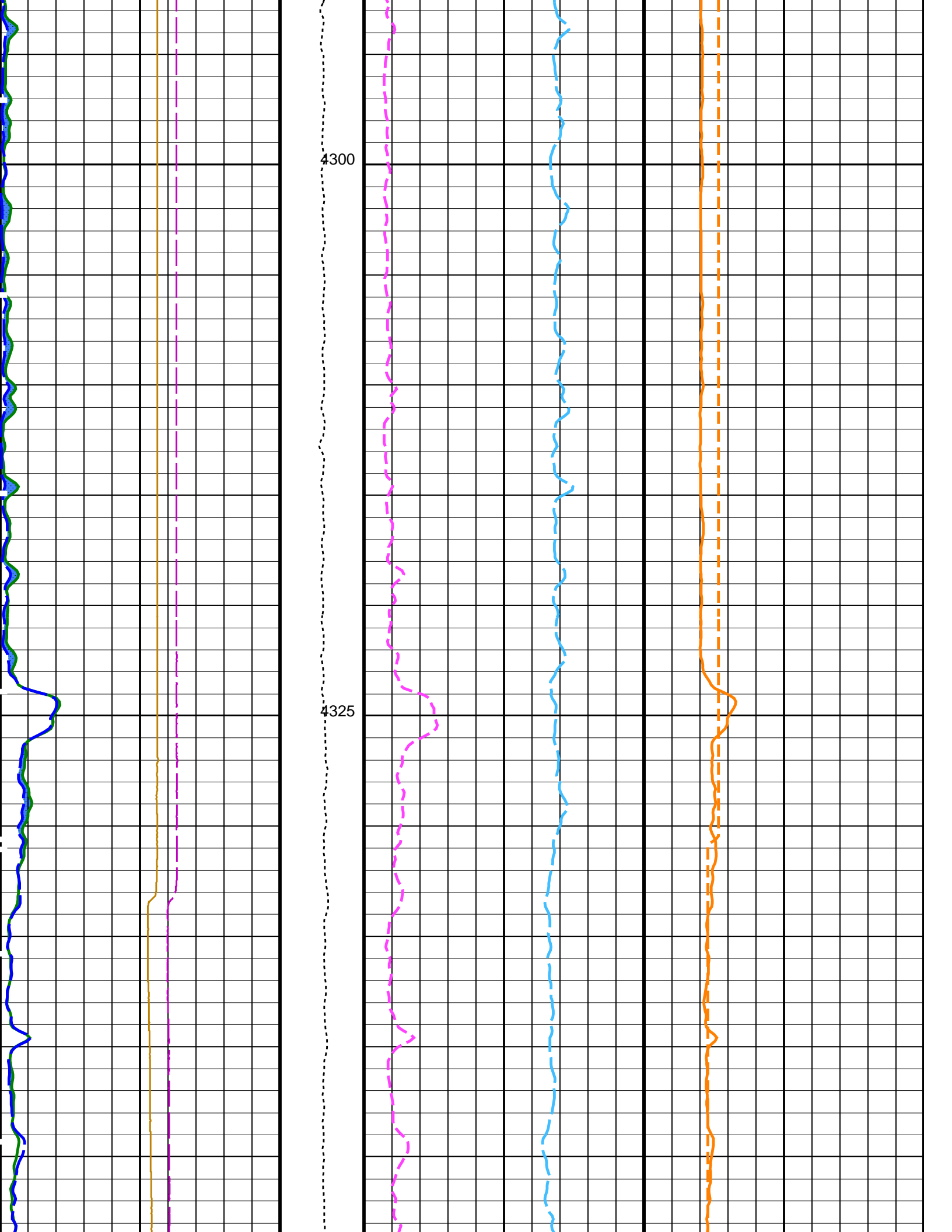
4225

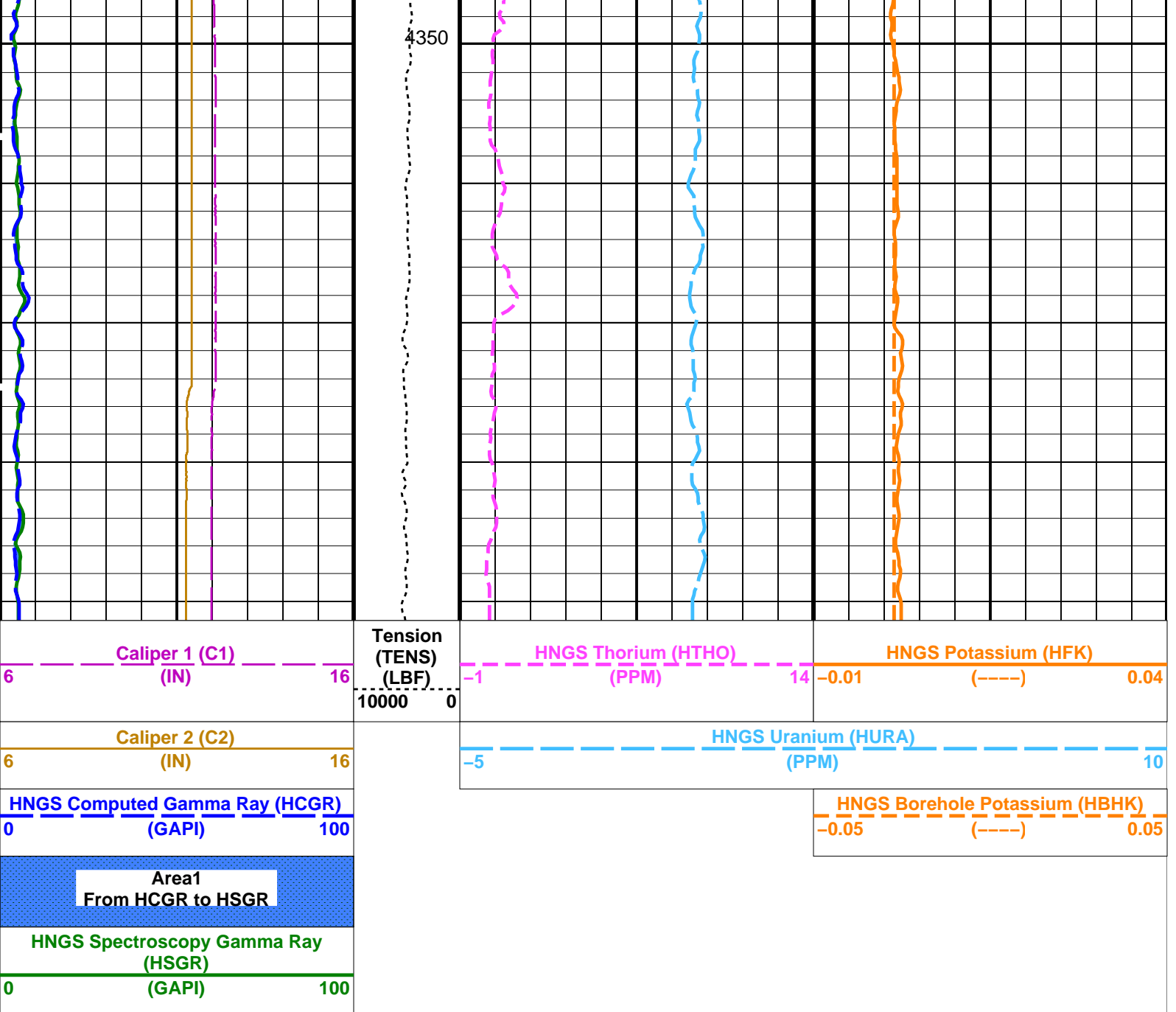


4250

4275







PIP SUMMARY

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
BHS	DSST-B: Dipole Shear Imager - B	
BHS	Borehole Status	OPEN
GCSE	Generalized Caliper Selection	BS
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	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	-0.00725644
HALF	HNGS Alpha Filter Length	60 IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE
HMWM	Mud Weighting Material	NATU
HNPF	HNGS Processing Enable	YES

NAME	HNGS Processing Enable	1.25	CPS
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	-3.31097	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	10.2558	
EDTC-B:	Enhanced DTS Cartridge		
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	BS	
	System and Miscellaneous		
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.03	G/C3
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 25-Jul-2022 14:03

OP System Version: 19C0-187

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

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_028LUP	PRODUCER	18-Jul-2022 16:19	4370.1 M	4137.7 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_047PUP	FN:41	PRODUCER	25-Jul-2022 14:03
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Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_028LUP	PRODUCER	18-Jul-2022 16:19	4370.1 M	4137.7 M
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Output DLIS Files

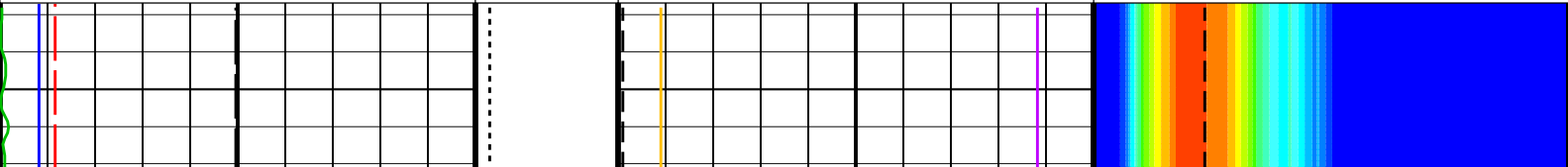
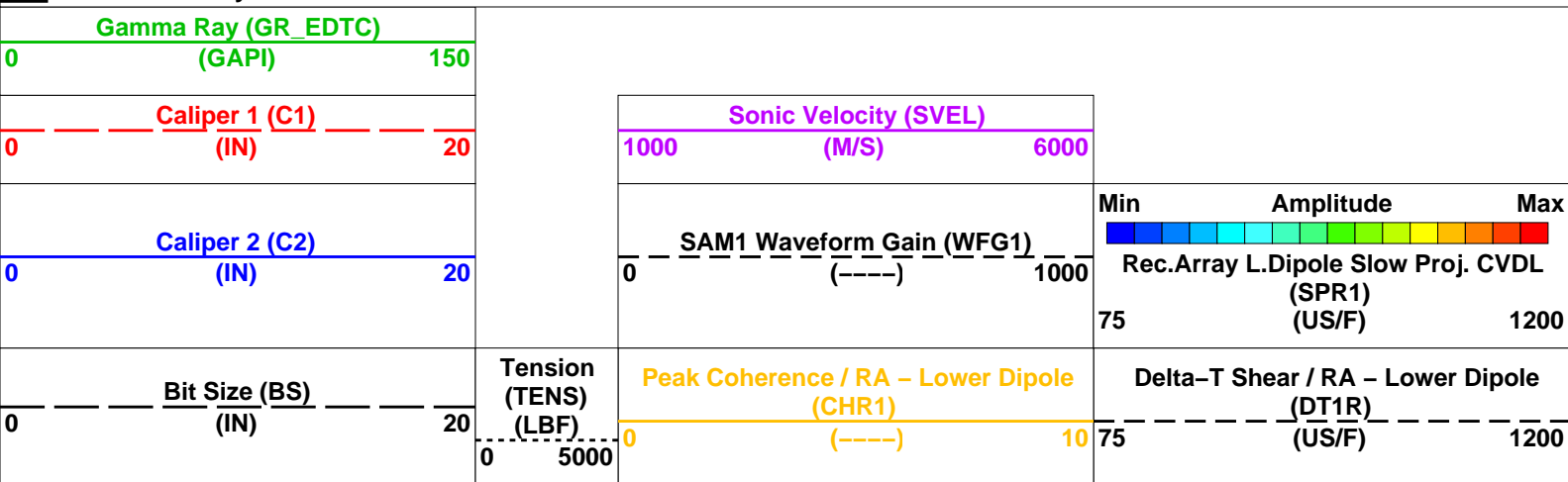
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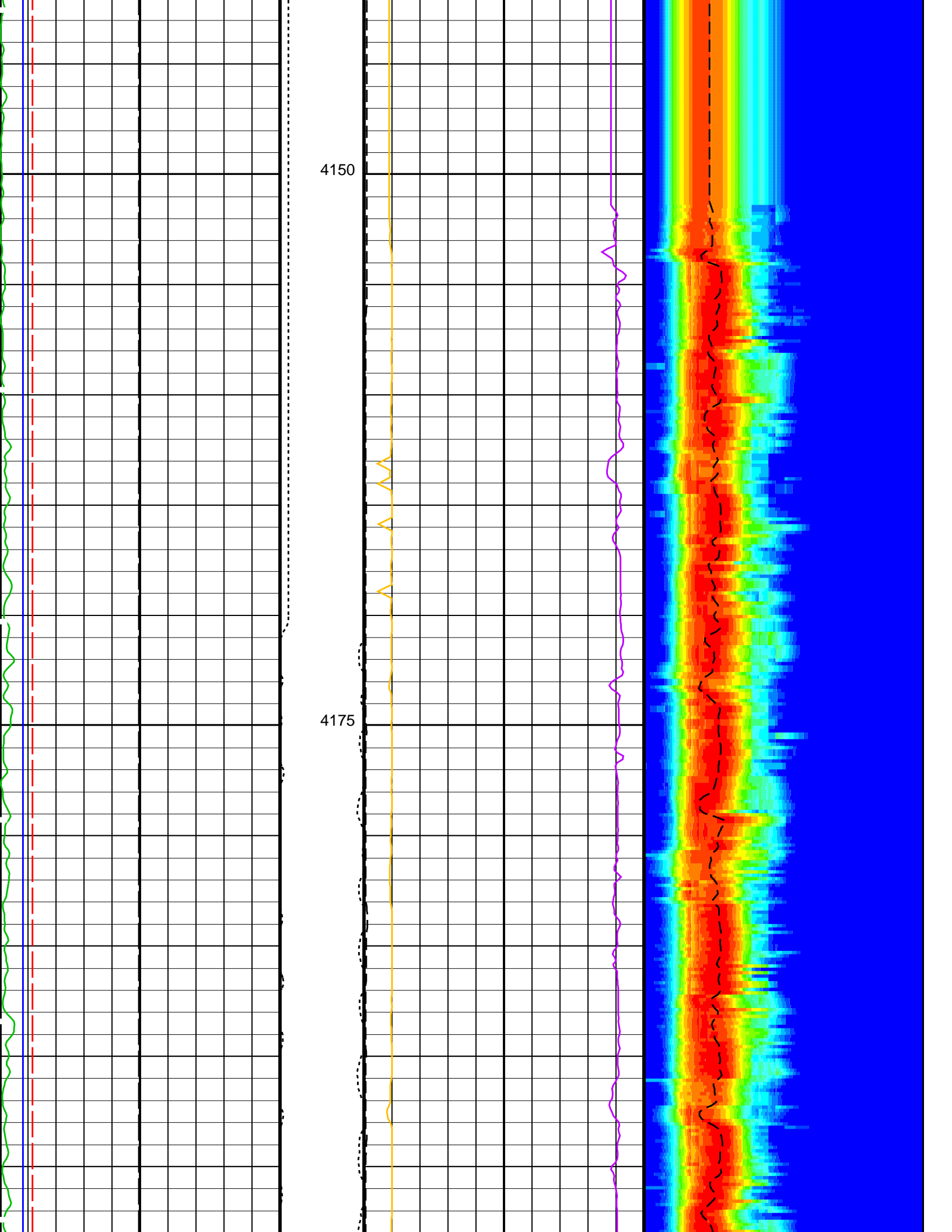
OP System Version: 19C0-187

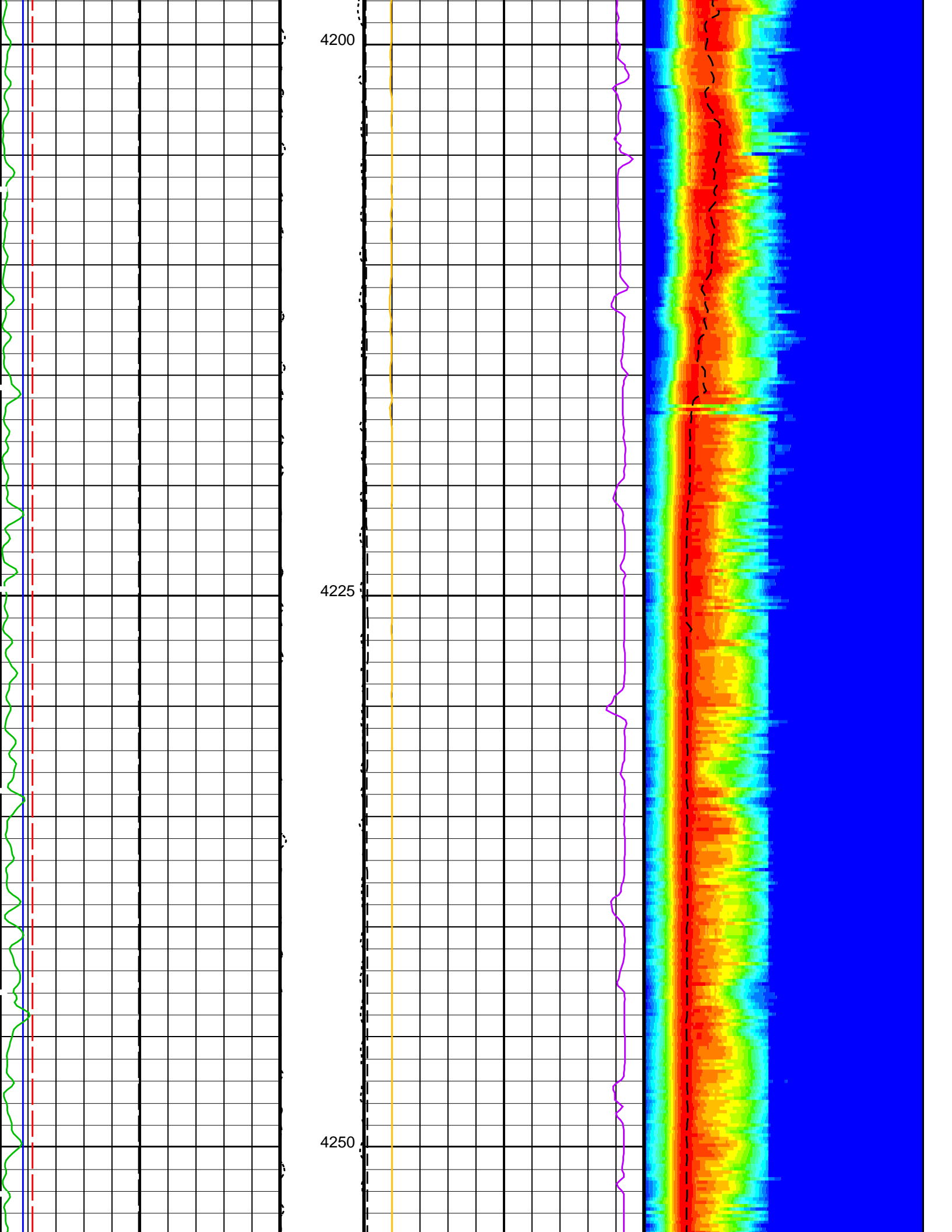
MEST-B	19C0-187	DTA-A	19C0-187
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HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

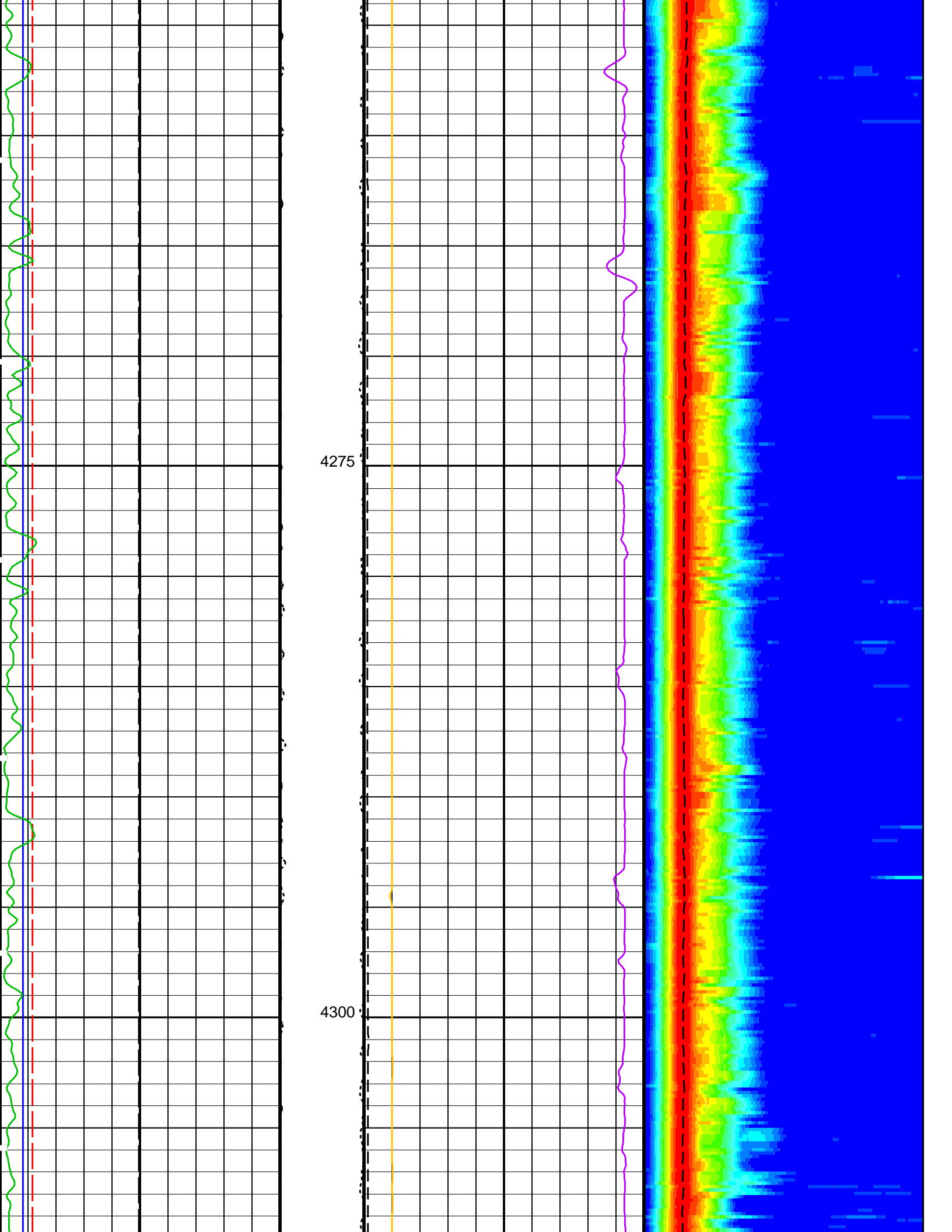
PIP SUMMARY

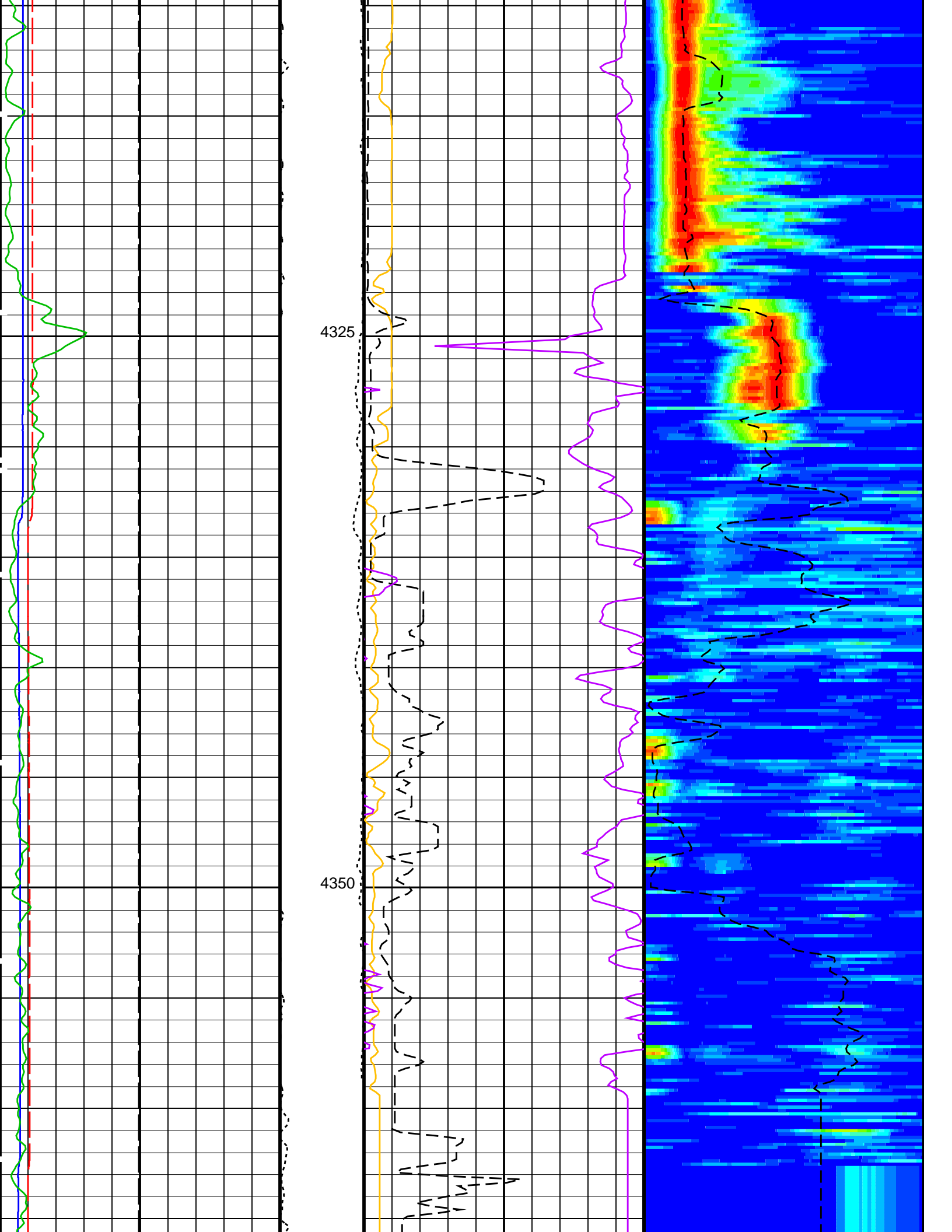
Time Mark Every 60 S

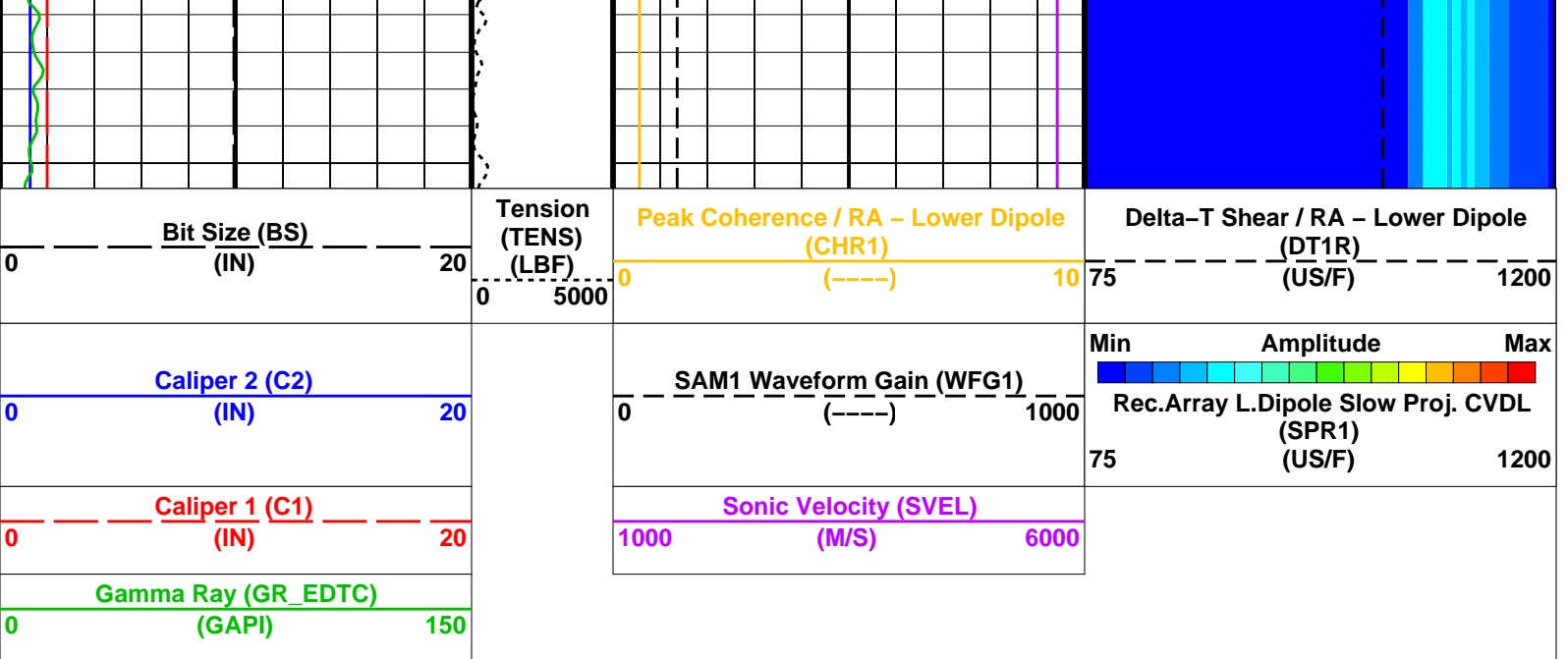












PIP SUMMARY

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	50 US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	1000 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	NORMAL

OP System Version: 19C0-187

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

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_028LUP	PRODUCER	18-Jul-2022 16:19	4370.1 M	4137.7 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_047PUP	FN:41	PRODUCER	25-Jul-2022 14:03
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Company: International Ocean Discovery Program

Well: Expedition 393, Site U1583F

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_028LUP	PRODUCER	18-Jul-2022 16:19	4370.1 M	4137.7 M
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Output DLIS Files

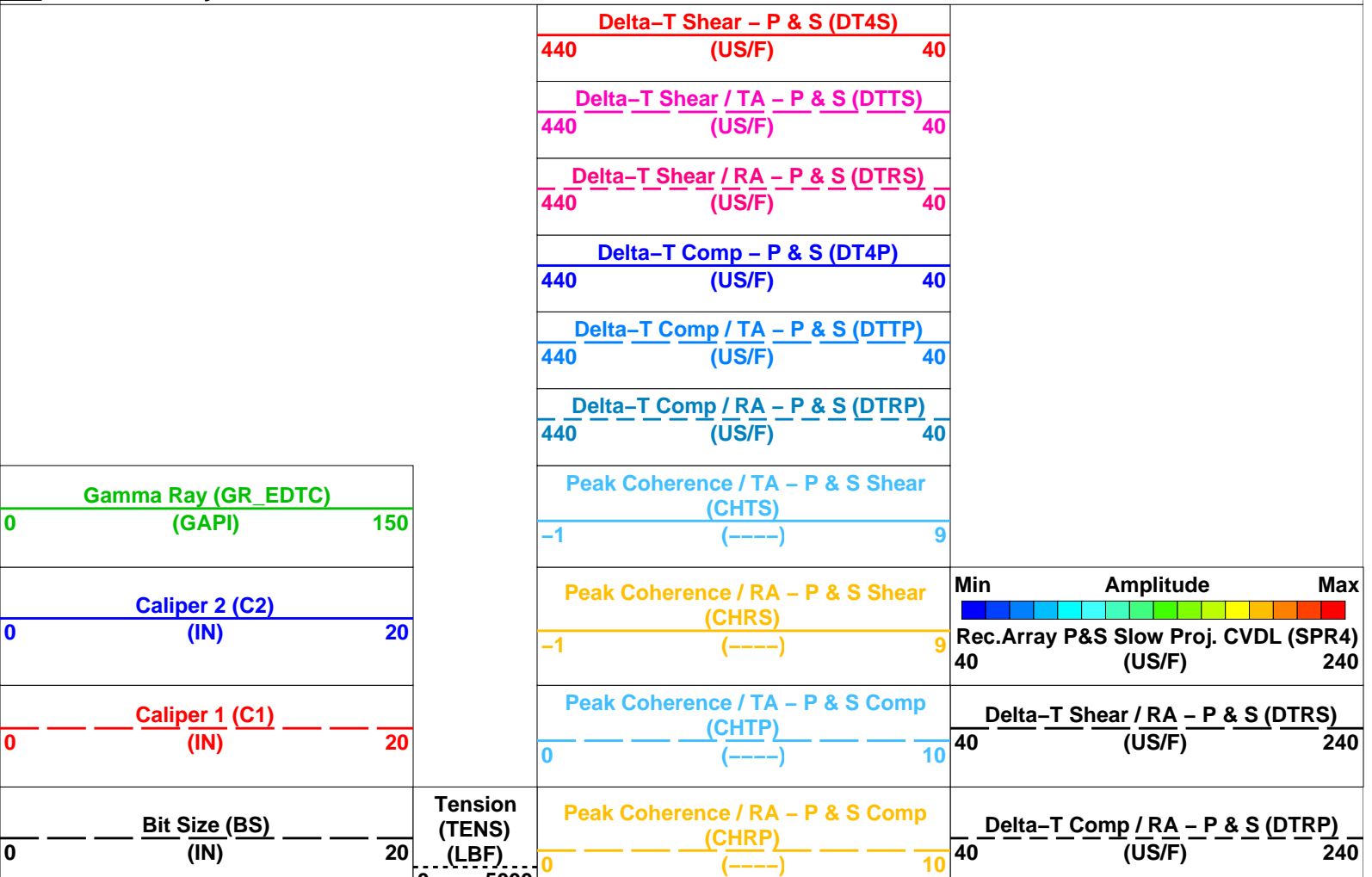
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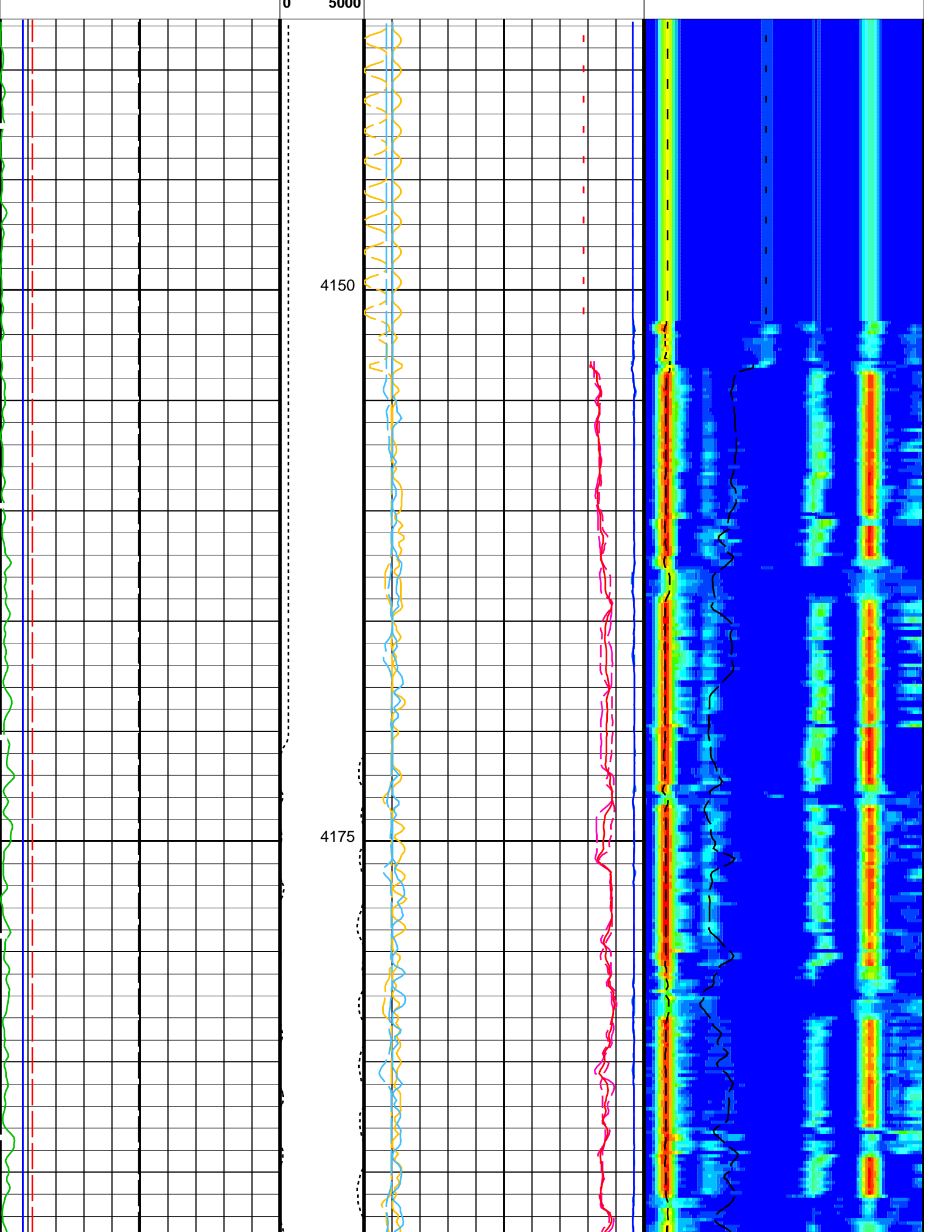
OP System Version: 19C0-187

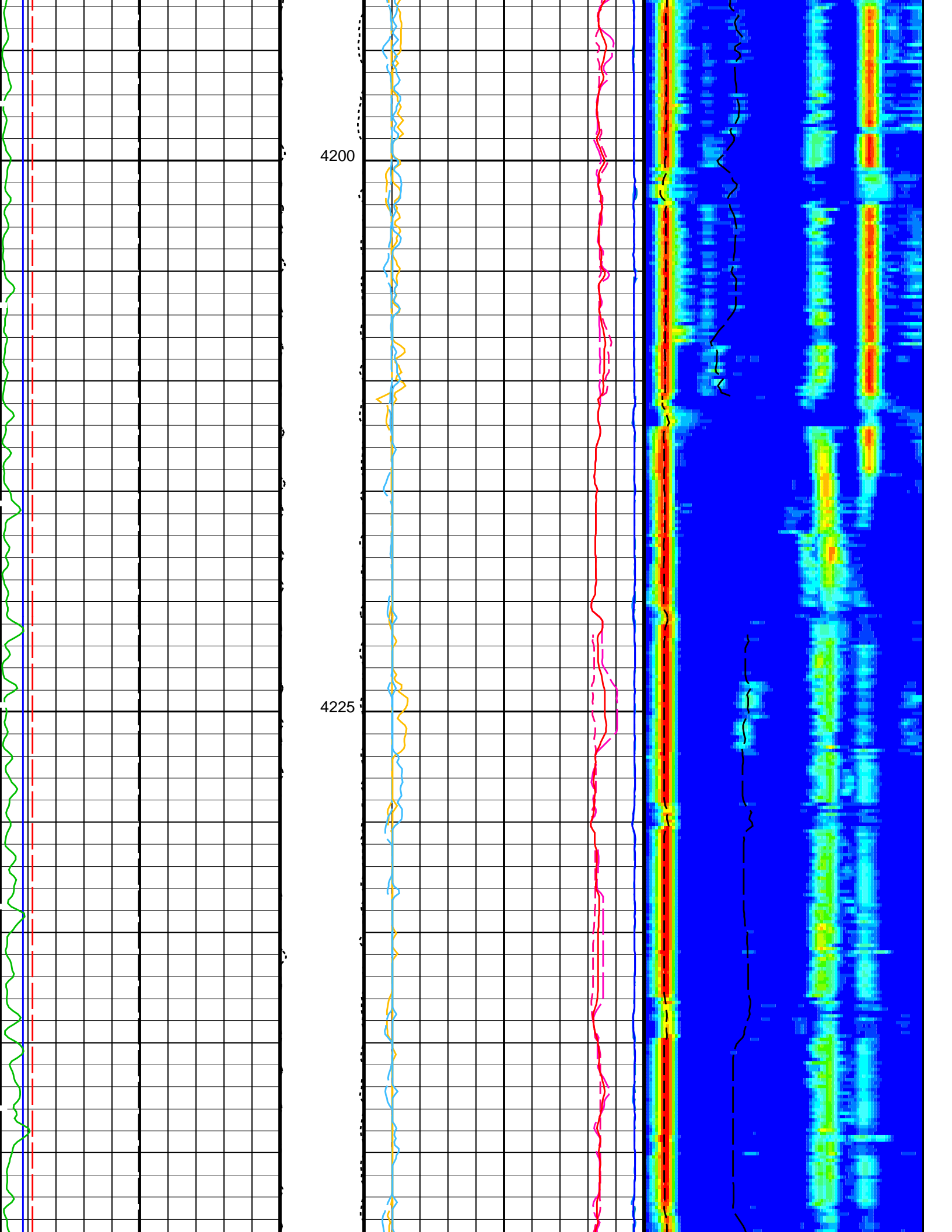
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

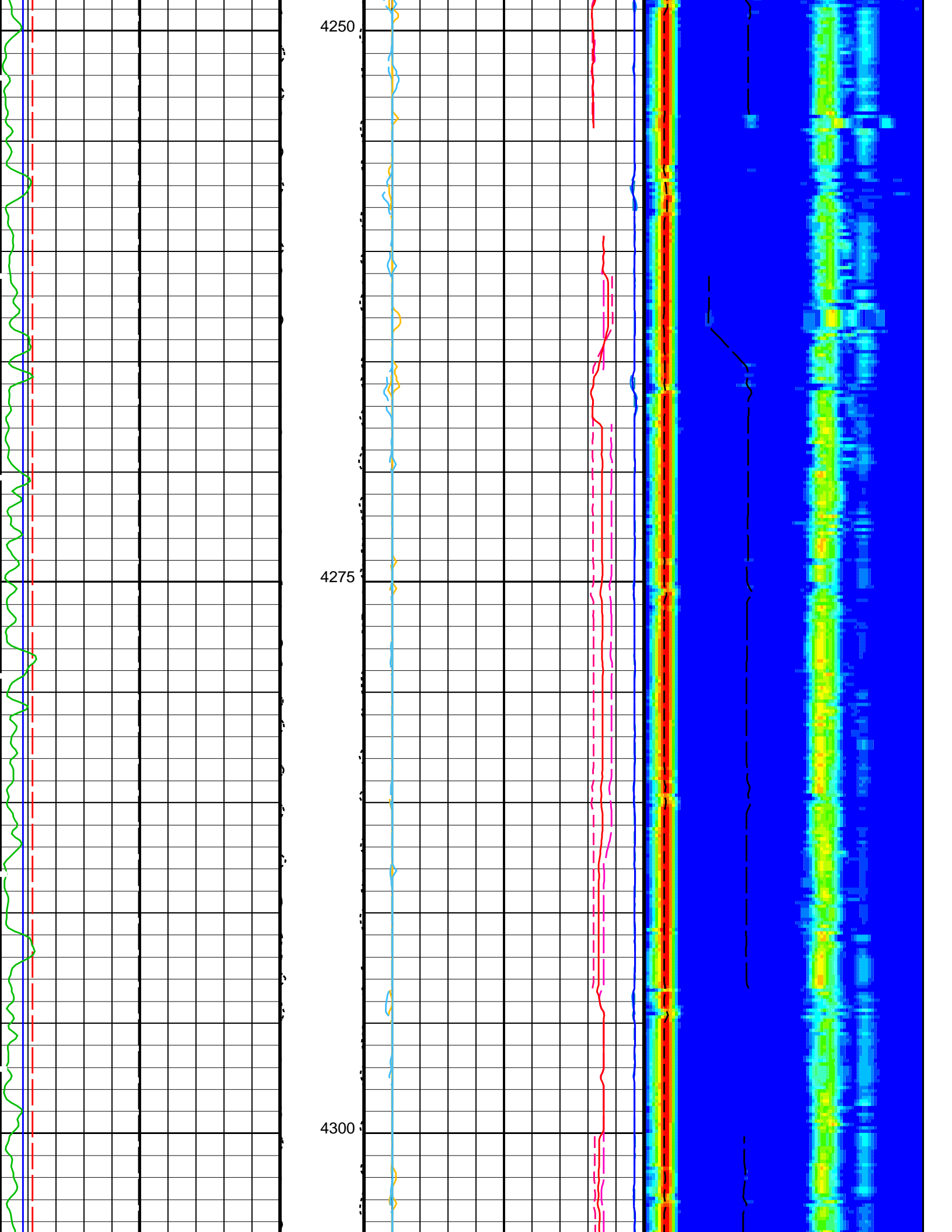
PIP SUMMARY

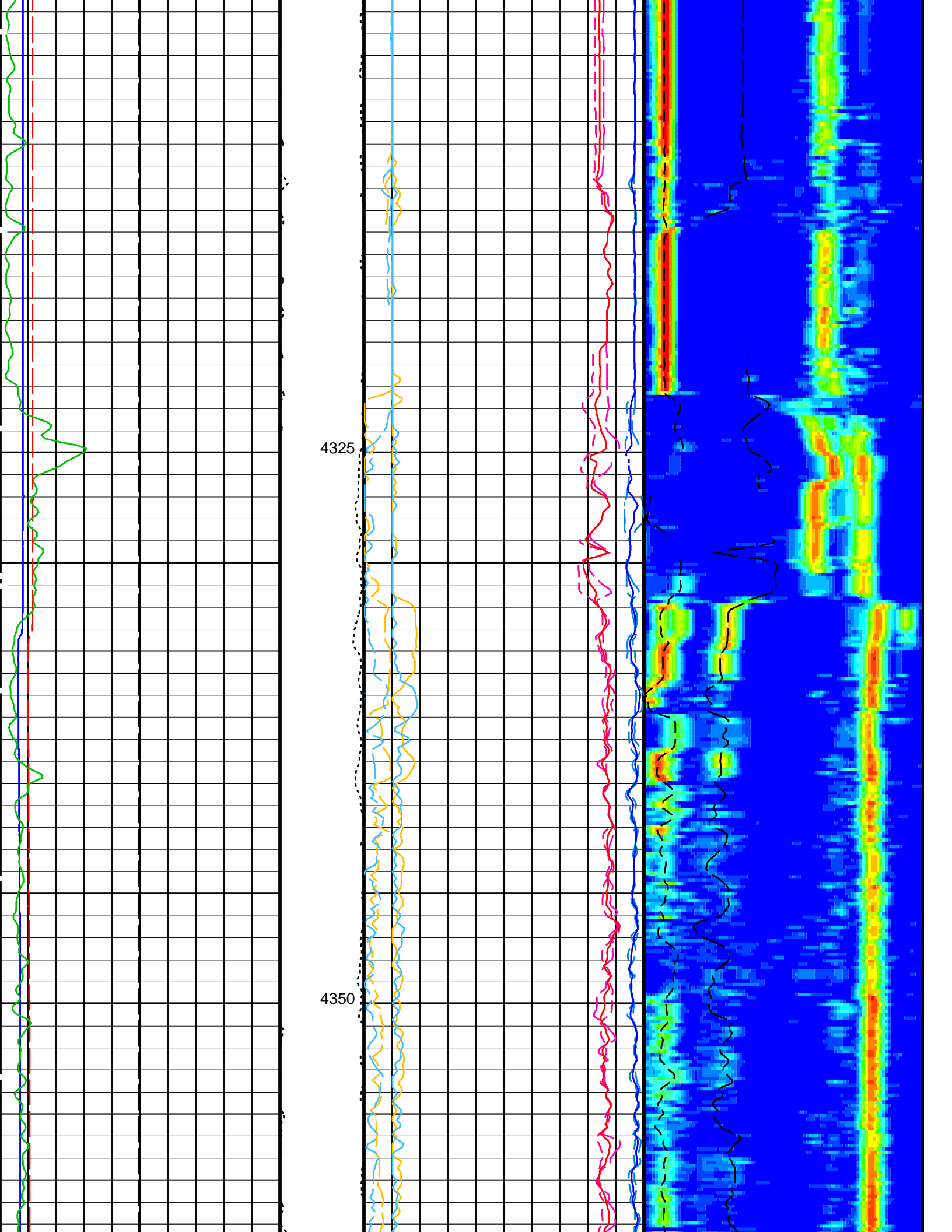
Time Mark Every 60 S

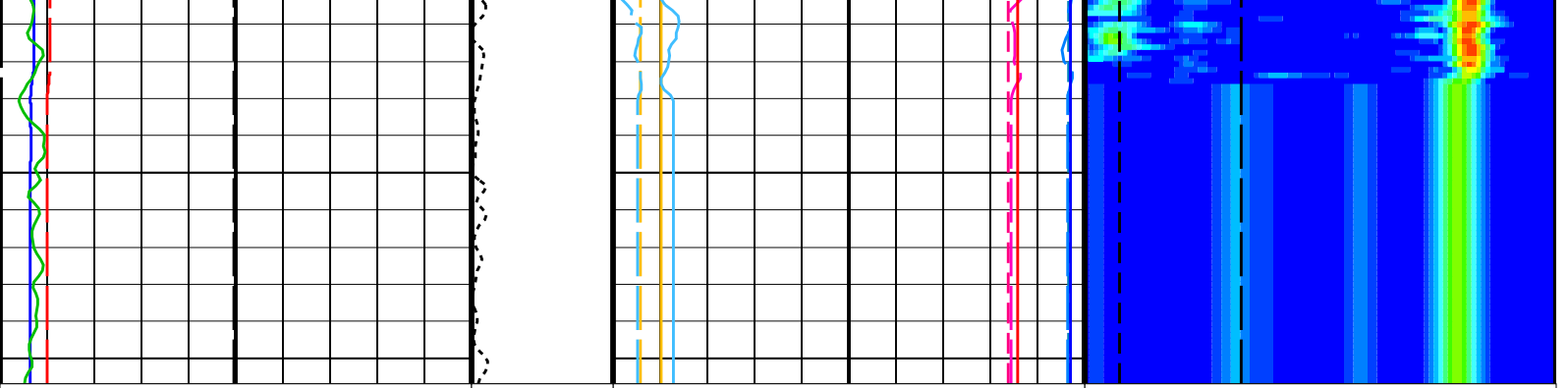












0	Bit Size (BS) (IN)	20	Tension (TENS) (LBF)	0	5000	10	40	240
0	Caliper 1 (C1) (IN)	20	Peak Coherence / RA - P & S Comp (CHRP)	0	(----	10	Delta-T Comp / RA - P & S (DTRP)	(US/F)
0	Caliper 2 (C2) (IN)	20	Peak Coherence / TA - P & S Comp (CHTP)	0	(----	10	Delta-T Shear / RA - P & S (DTRS)	(US/F)
0	Gamma Ray (GR_EDTC) (GAPI)	150	Peak Coherence / RA - P & S Shear (CHRS)	-1	(----	9	Min	Amplitude
			Peak Coherence / TA - P & S Shear (CHTS)	-1	(----	9	Max	Rec.Array P&S Slow Proj. CVDL (SPR4)
			Delta-T Comp / RA - P & S (DTRP)	440	(US/F)	40	40	240
			Delta-T Comp / TA - P & S (DTTP)	440	(US/F)	40		
			Delta-T Comp - P & S (DT4P)	440	(US/F)	40		
			Delta-T Shear / RA - P & S (DTRS)	440	(US/F)	40		
			Delta-T Shear / TA - P & S (DTTS)	440	(US/F)	40		
			Delta-T Shear - P & S (DT4S)	440	(US/F)	40		

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	70 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
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 Maximum Ratio – Monopole P&S	1.4	
RSMX	Receiver 1 Geometry	2.12	
RX1G	Receiver 2 Geometry	294	IN
RX2G	Receiver 3 Geometry	300	IN
RX3G	Receiver 4 Geometry	306	IN
RX4G	Receiver 5 Geometry	312	IN
RX5G	Receiver 6 Geometry	318	IN
RX6G	Receiver 7 Geometry	324	IN
RX7G	Receiver 8 Geometry	330	IN
RX8G	Receiver 8 Geometry	336	IN
SAM4	DSST Sonic Acquisition Mode 4 – Monopole Mode for P&S	ODD	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS4	STC Sonic Array Status – Monopole P&S	255	
SBO4	STC Search Band Offset – Monopole P&S	500	US
SBR4	STC Baseline Removal – Monopole P&S	ON	
SBW4	STC Search Bandwidth – Monopole P&S	2000	US
SFC4	STC Formation Character – Monopole P&S	SELECTABLE	
SFM4	STC Filter – Monopole P&S	B3–20K	
SHLL	Label Slowness Lower Limit – Monopole P&S Shear	70	US/F
SHUL	Label Slowness Upper Limit – Monopole P&S Shear	140	US/F
SLL4	STC Slowness Lower Limit – Monopole P&S	40	US/F
SST4	STC Slowness Step – Monopole P&S	2	US/F
SSW4	STC Source Waveform – Monopole P&S	WF_SAM4	
STLL	Label Slowness Lower Limit – Monopole Stoneley	180	US/F
STUL	Label Slowness Upper Limit – Monopole Stoneley	780	US/F
SUL4	STC Slowness Upper Limit – Monopole P&S	240	US/F
SWD4	STC Slowness Width – Monopole P&S	10	US/F
TBF4	STC Time for Baseline Fill – Monopole P&S	300	US
TLL4	STC Time Lower Limit – Monopole P&S	150	US
TST4	STC Time Step – Monopole P&S	50	US
TUL4	STC Time Upper Limit – Monopole P&S	3660	US
TWD4	STC Time Width – Monopole P&S	1000	US
TWI4	STC Integration Time Window – Monopole P&S	500	US
TWSX	Transmitter Waveform Select X	0	
	HNGS–BA: Hostile Natural Gamma Ray Sonde		
BHS	Borehole Status	OPEN	
	EDTC–B: Enhanced DTS Cartridge		
BHS	Borehole Status	OPEN	
	System and Miscellaneous		
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25-Jul-2022 14:03

OP System Version: 19C0–187

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

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_028LUP	PRODUCER	18-Jul-2022 16:19	4370.1 M	4137.7 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_047PUP	FN:41	PRODUCER	25-Jul-2022 14:03
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Company: International Ocean Discovery Program Well: Expedition 393, Site U1583F

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_028LUP	PRODUCER	18-Jul-2022 16:19	4370.1 M	4137.7 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_047PUP	FN:41	PRODUCER	25-Jul-2022 14:03	4370.7 M	4137.7 M
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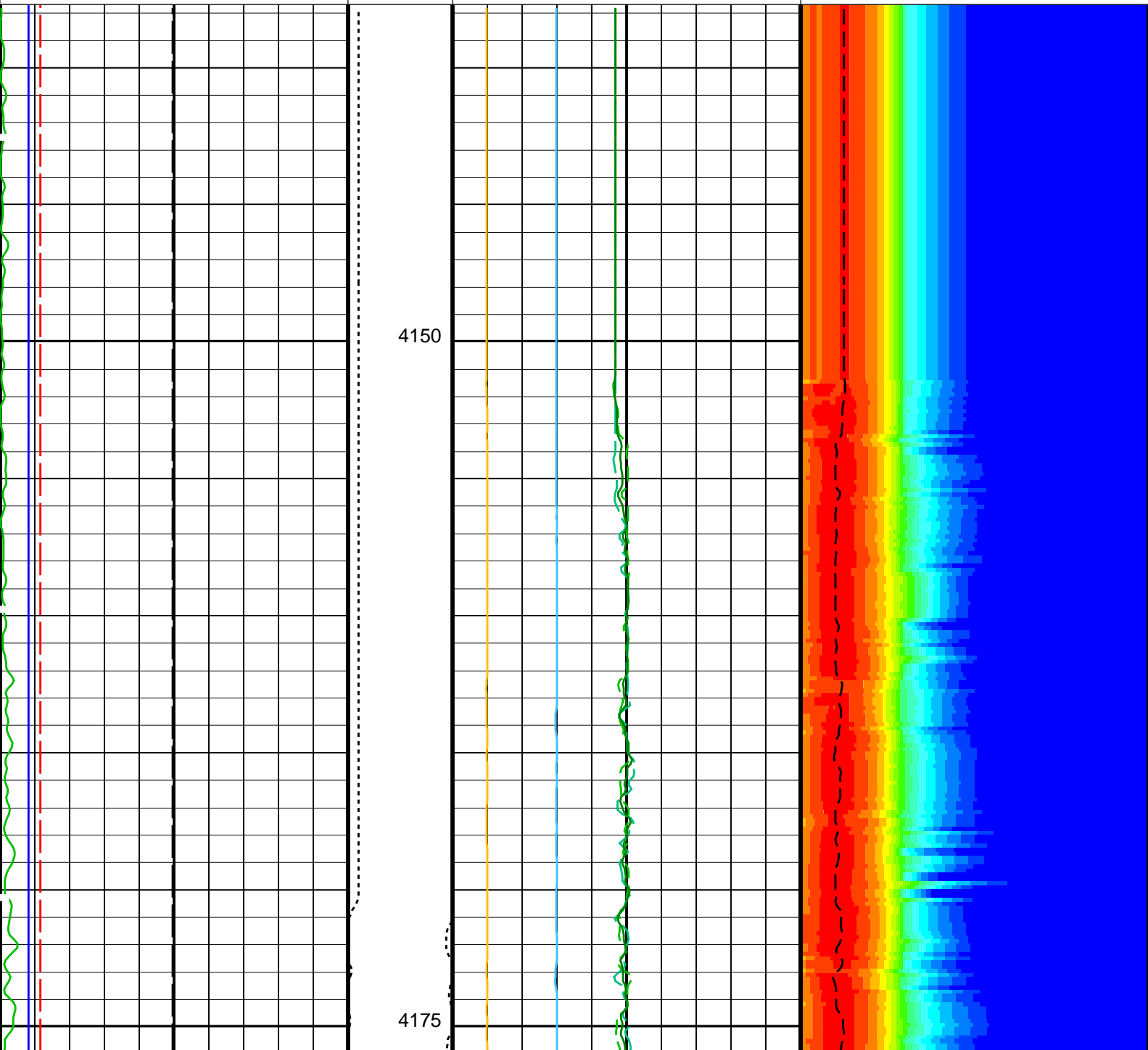
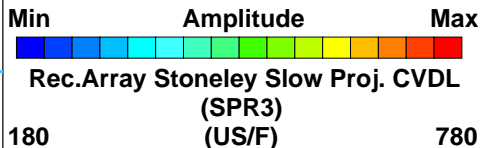
OP System Version: 19C0–187

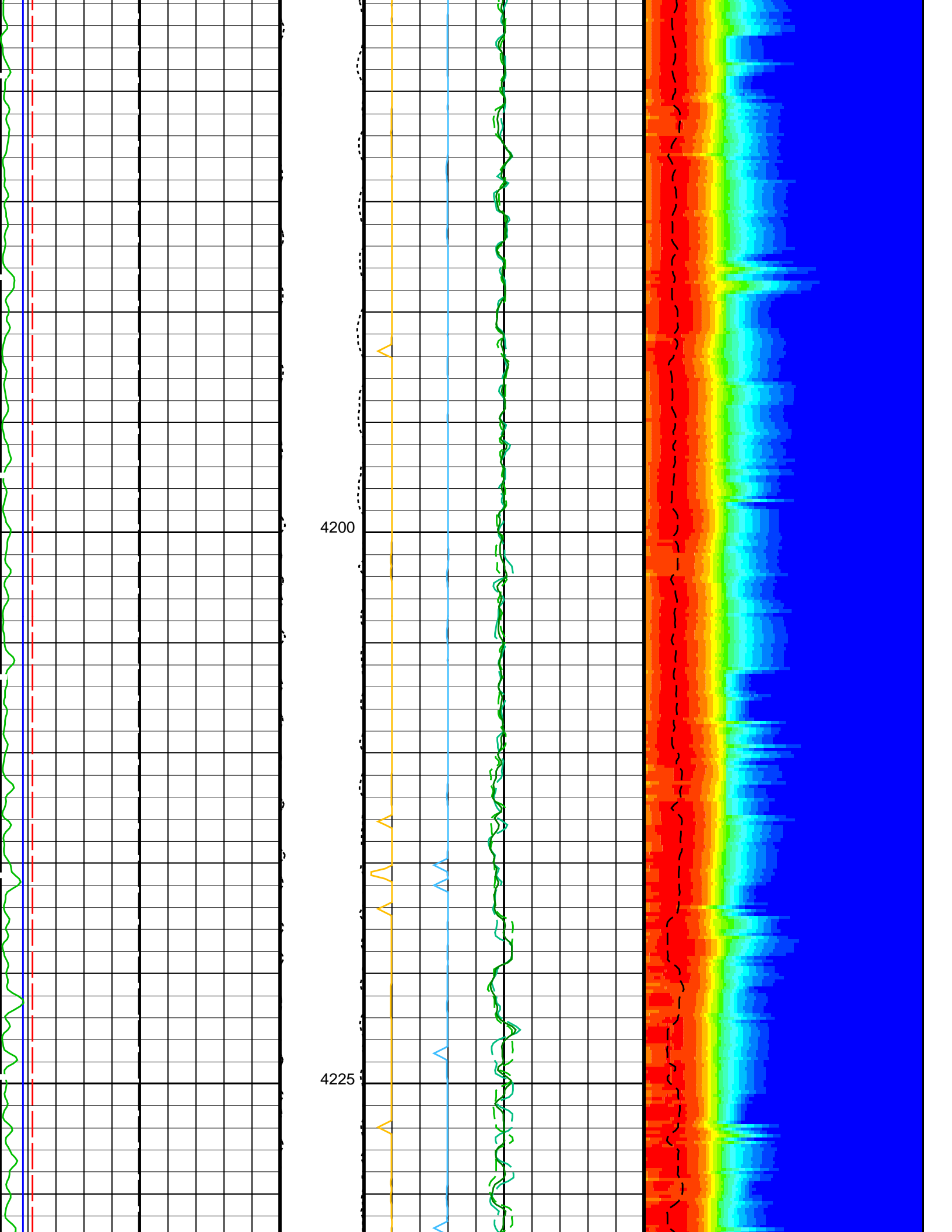
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DSST–B	19C0–187	HNGC–B	19C0–187
HNGS–BA	19C0–187	EDTC–B	SKK–5169–EDTCB

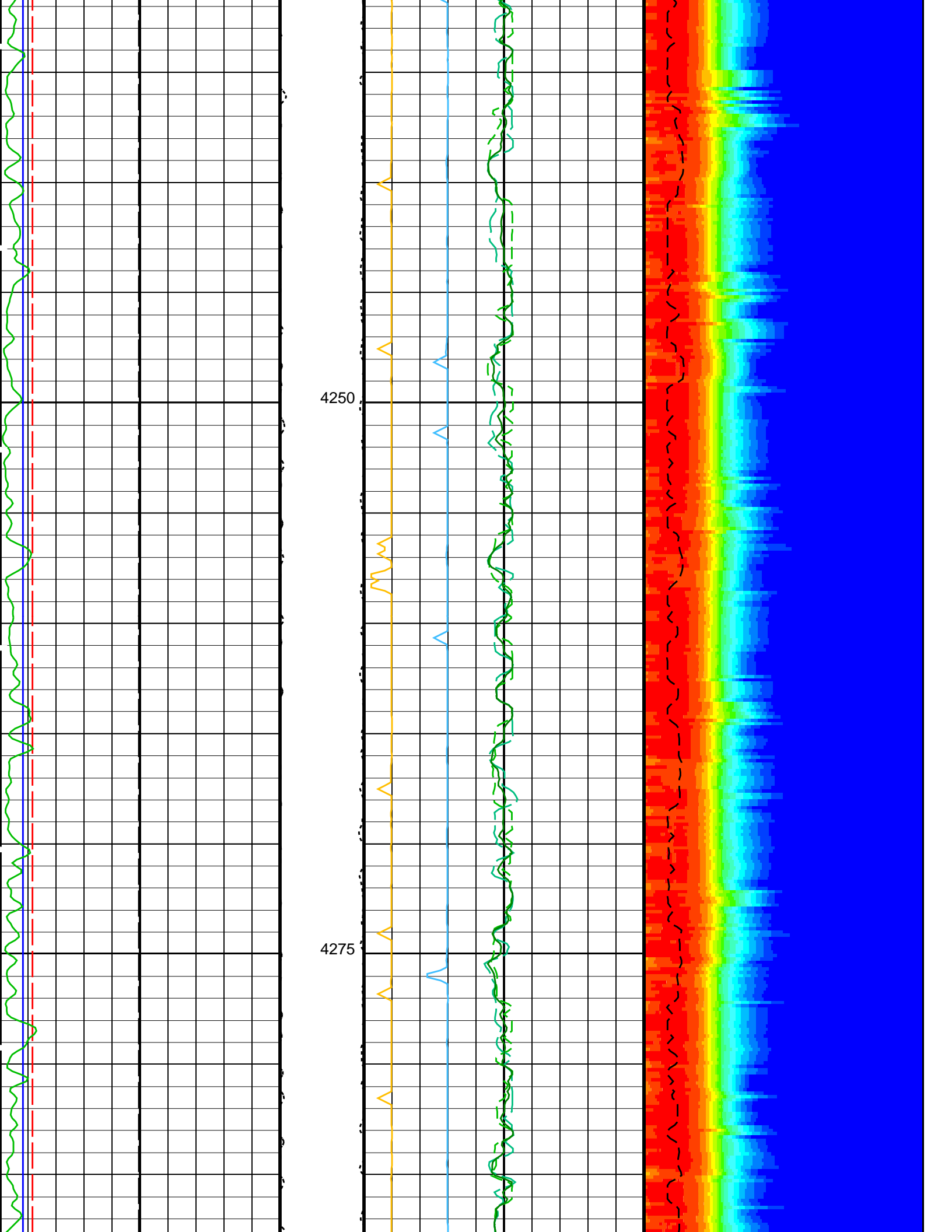
PIP SUMMARY

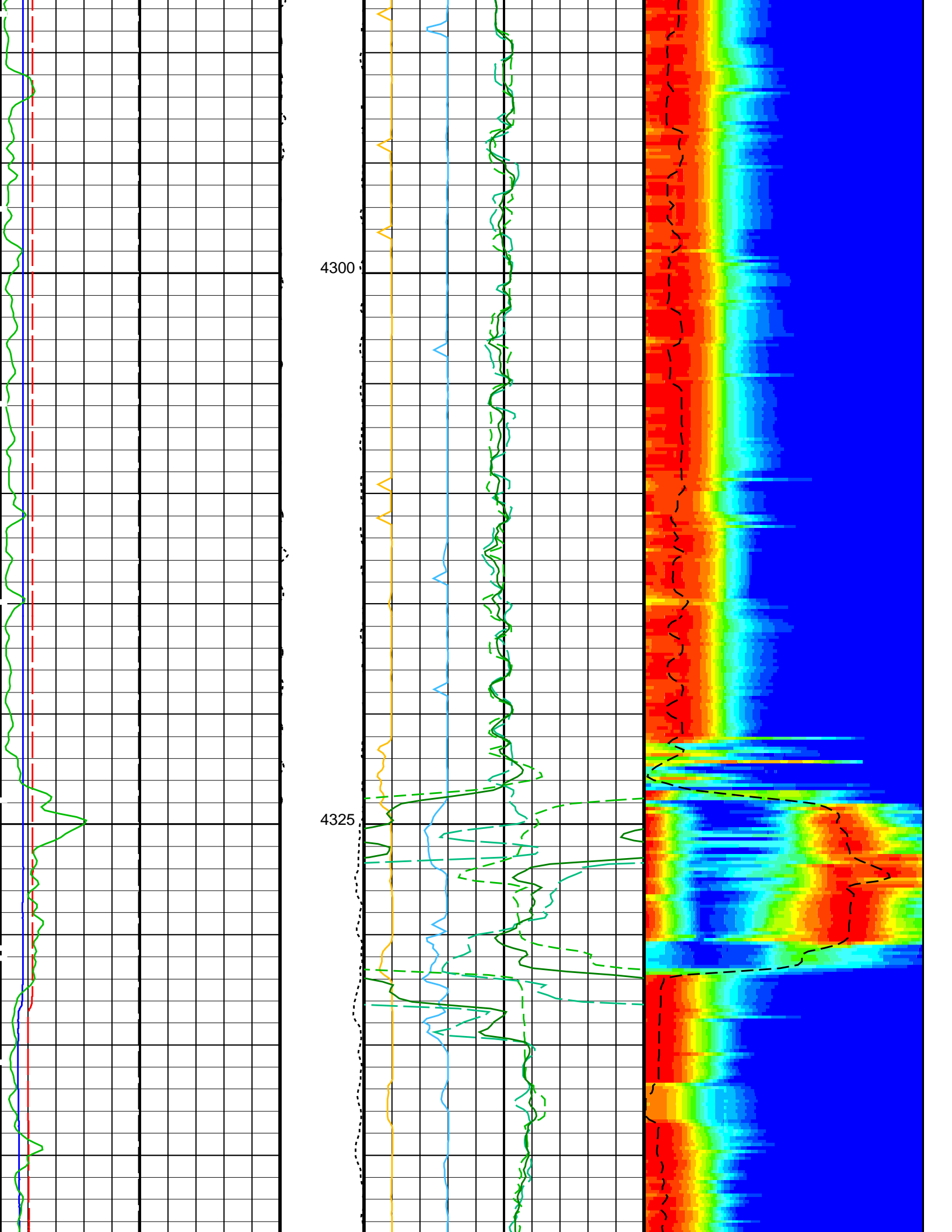
Time Mark Every 60 S

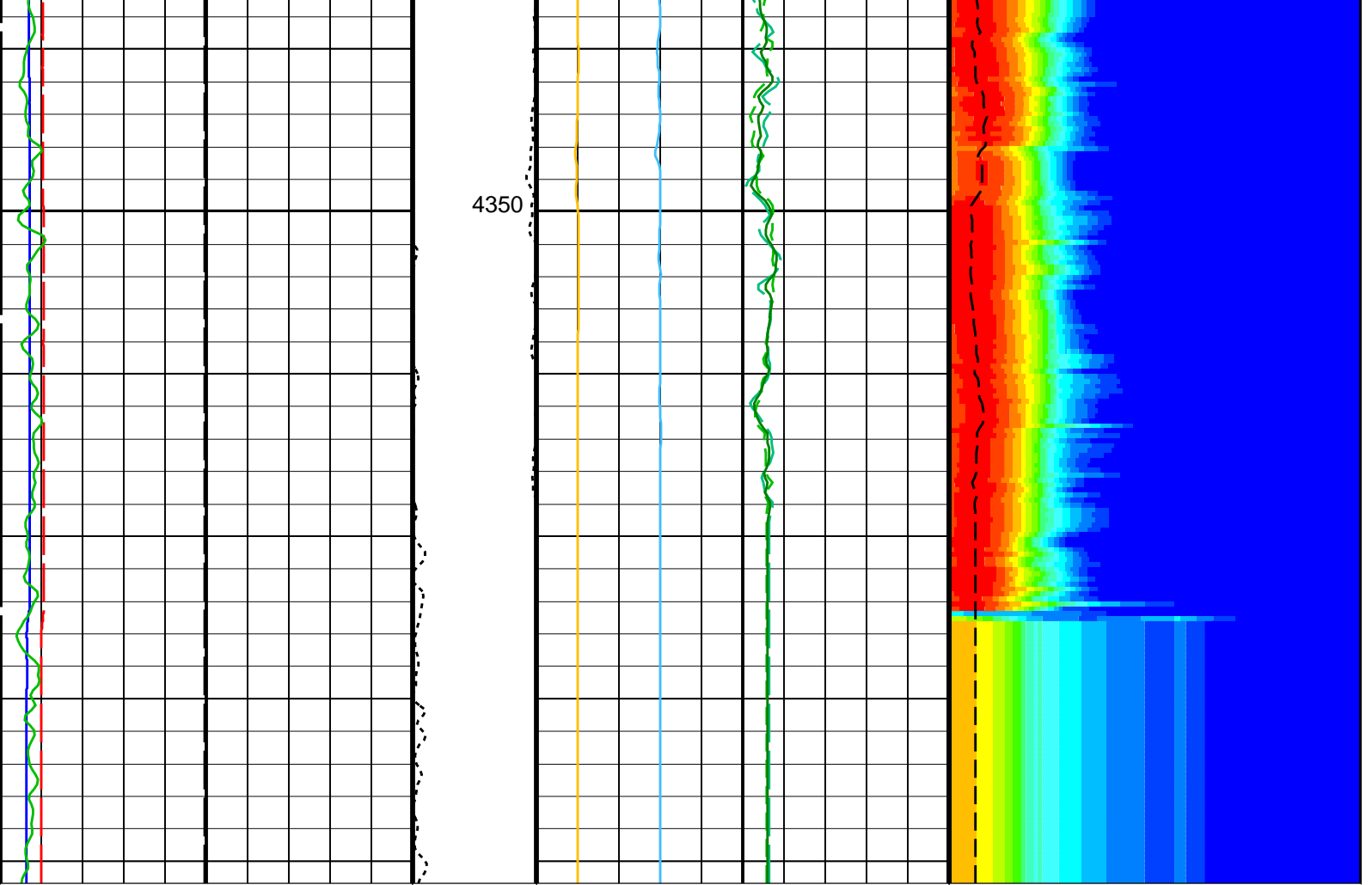
		Delta-T Stoneley (DTST)			
		440	(US/F)	40	
Gamma Ray (GR_EDTC)		Delta-T Stoneley / TA (DT3T)			
0	(GAPI)	440	(US/F)	40	
Caliper 2 (C2)		Delta-T Stoneley / RA (DT3R)			
0	(IN)	440	(US/F)	40	
Caliper 1 (C1)		Peak Coherence / TA - Stoneley (CHT3)			
0	(IN)	-2	(----	8	
Bit Size (BS)		Peak Coherence / RA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











<p>Bit Size (BS) (IN) 0 20</p> <p>Caliper 1 (C1) (IN) 0 20</p> <p>Caliper 2 (C2) (IN) 0 20</p> <p>Gamma Ray (GR_EDTC) (GAPI) 0 150</p>	<p>Tension (TENS) (LBF) 0 5000</p>	<p>Peak Coherence / RA - Stoneley (CHR3) (----) 0 10</p> <p>Peak Coherence / TA - Stoneley (CHT3) (----) -2 8</p> <p>Delta-T Stoneley / RA (DT3R) (US/F) 440 40</p> <p>Delta-T Stoneley / TA (DT3T) (US/F) 440 40</p> <p>Delta-T Stoneley (DTST) (US/F) 440 40</p>	<p>Delta-T Stoneley / RA (DT3R) (US/F) 180 780</p> <p>Min Amplitude Max Rec.Array Stoneley Slow Proj. CVDL (SPR3) (US/F) 180 780</p>
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PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DSST-B: Dipole Shear Imager - B		
DDE3	Digitizing Delay 3	0 US
DDEX	Digitizing Delay X	0 US
DSI3	Digitizer Sample Interval 3	40 US
DSIX	Digitizer Sample Interval X	40 US
DTCS	Compressional Delta-T Source for DTCO Channel	PS_COMP
DWC3	Digitizer Word Count 3	512
DWCX	Digitizer Word Count X	512
MTXG	Monopole Transmitter Geometry	186 IN
NWI3	Number Waveform Items 3	8
NWIX	Number Waveform Items X	0
RX1G	Receiver 1 Geometry	294 IN

RX2G	Receiver 2 Geometry	300	IN
RX3G	Receiver 3 Geometry	306	IN
RX4G	Receiver 4 Geometry	312	IN
RX5G	Receiver 5 Geometry	318	IN
RX6G	Receiver 6 Geometry	324	IN
RX7G	Receiver 7 Geometry	330	IN
RX8G	Receiver 8 Geometry	336	IN
SAM3	DSST Sonic Acquisition Mode 3 – Monopole Mode for Stoneley	EVEN	
SAMX	DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert	OFF	
SAS3	STC Sonic Array Status – Monopole Stoneley	255	
SBO3	STC Search Band Offset – Monopole Stoneley	2000	US
SBW3	STC Search Bandwidth – Monopole Stoneley	6000	US
SFC3	STC Formation Character – Monopole Stoneley	SELECTABLE	
SFM3	STC Filter – Monopole Stoneley	B.5–1.5K	
SLL3	STC Slowness Lower Limit – Monopole Stoneley	180	US/F
SST3	STC Slowness Step – Monopole Stoneley	4	US/F
SSW3	STC Source Waveform – Monopole Stoneley	WF_SAM3	
STLL	Label Slowness Lower Limit – Monopole Stoneley	180	US/F
STUL	Label Slowness Upper Limit – Monopole Stoneley	780	US/F
SUL3	STC Slowness Upper Limit – Monopole Stoneley	780	US/F
SWD3	STC Slowness Width – Monopole Stoneley	40	US/F
TBF3	STC Time for Baseline Fill – Monopole Stoneley	0	US
TLL3	STC Time Lower Limit – Monopole Stoneley	620	US
TST3	STC Time Step – Monopole Stoneley	200	US
TUL3	STC Time Upper Limit – Monopole Stoneley	12020	US
TWD3	STC Time Width – Monopole Stoneley	2000	US
TWI3	STC Integration Time Window – Monopole Stoneley	1600	US
TWSX	Transmitter Waveform Select X	0	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: DSST_STONELEY_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25-Jul-2022 14:03

OP System Version: 19C0-187

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

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_028LUP	PRODUCER	18-Jul-2022 16:19	4370.1 M	4137.7 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_047PUP	FN:41	PRODUCER	25-Jul-2022 14:03	
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Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_028LUP	PRODUCER	18-Jul-2022 16:19	4370.1 M	4137.7 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_047PUP	FN:41	PRODUCER	25-Jul-2022 14:03	4370.7 M 4137.7 M
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OP System Version: 19C0-187

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

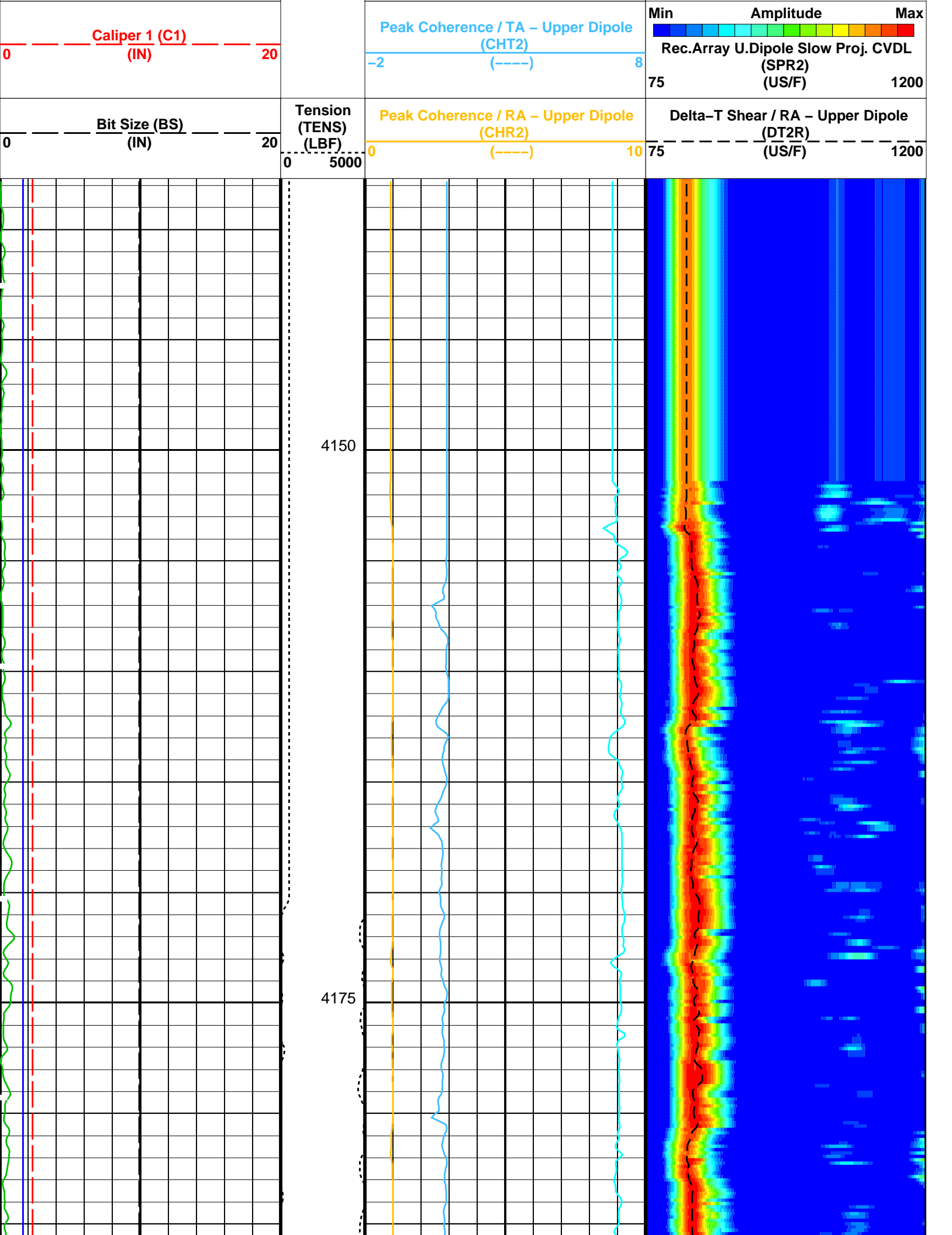
PIP SUMMARY

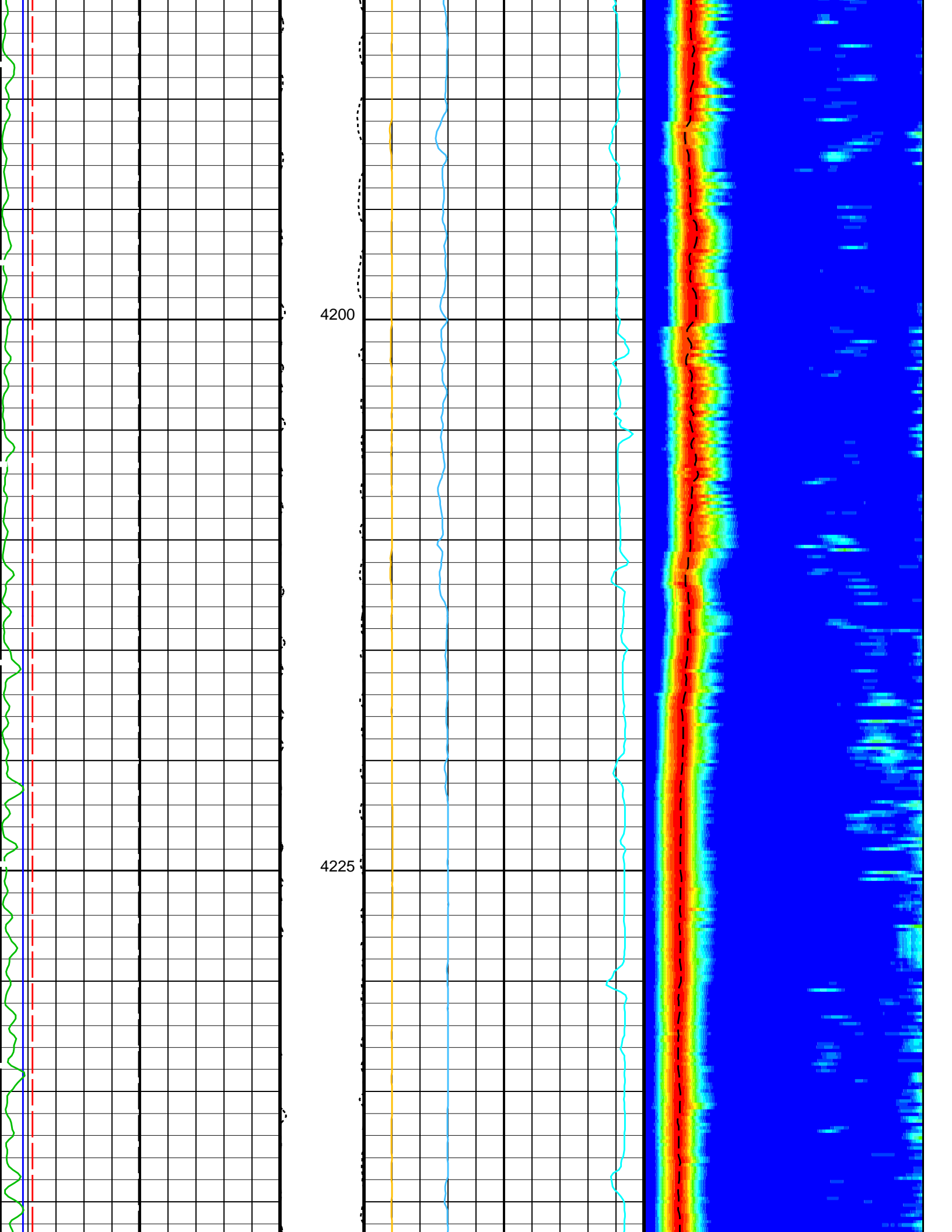
Time Mark Every 60 S

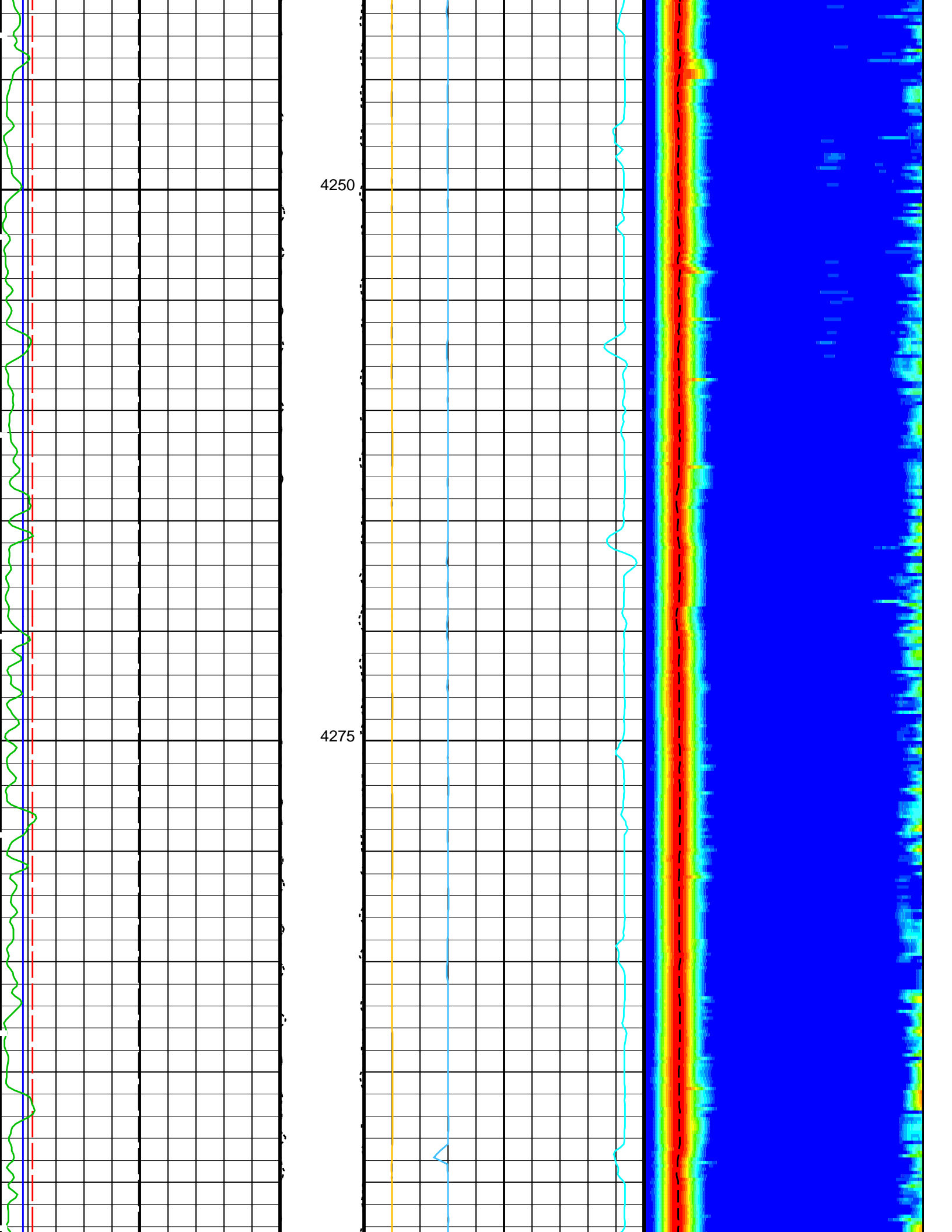
Gamma Ray (GR_EDTC)		
0	(GAPI)	150

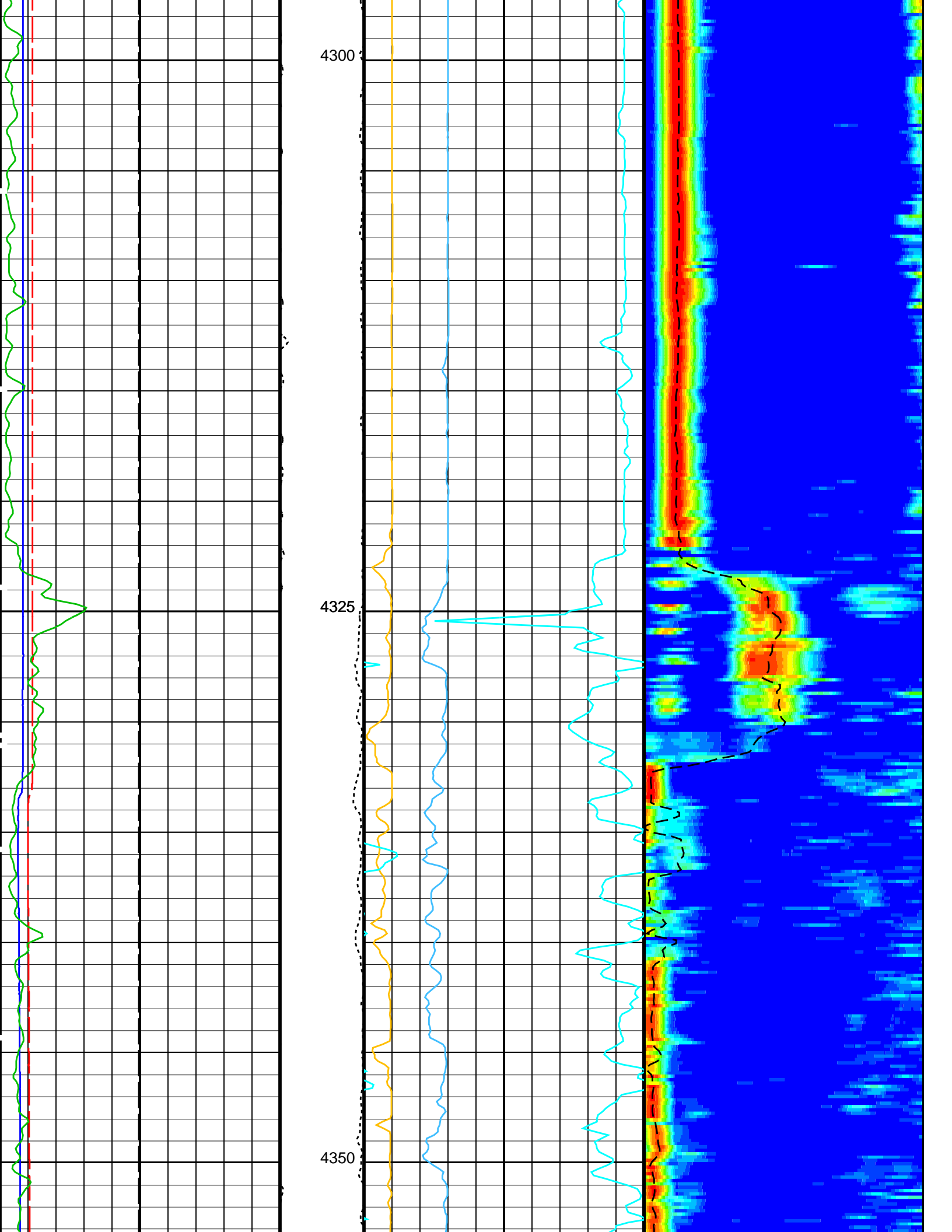
Caliper 2 (C2)		
0	(IN)	20

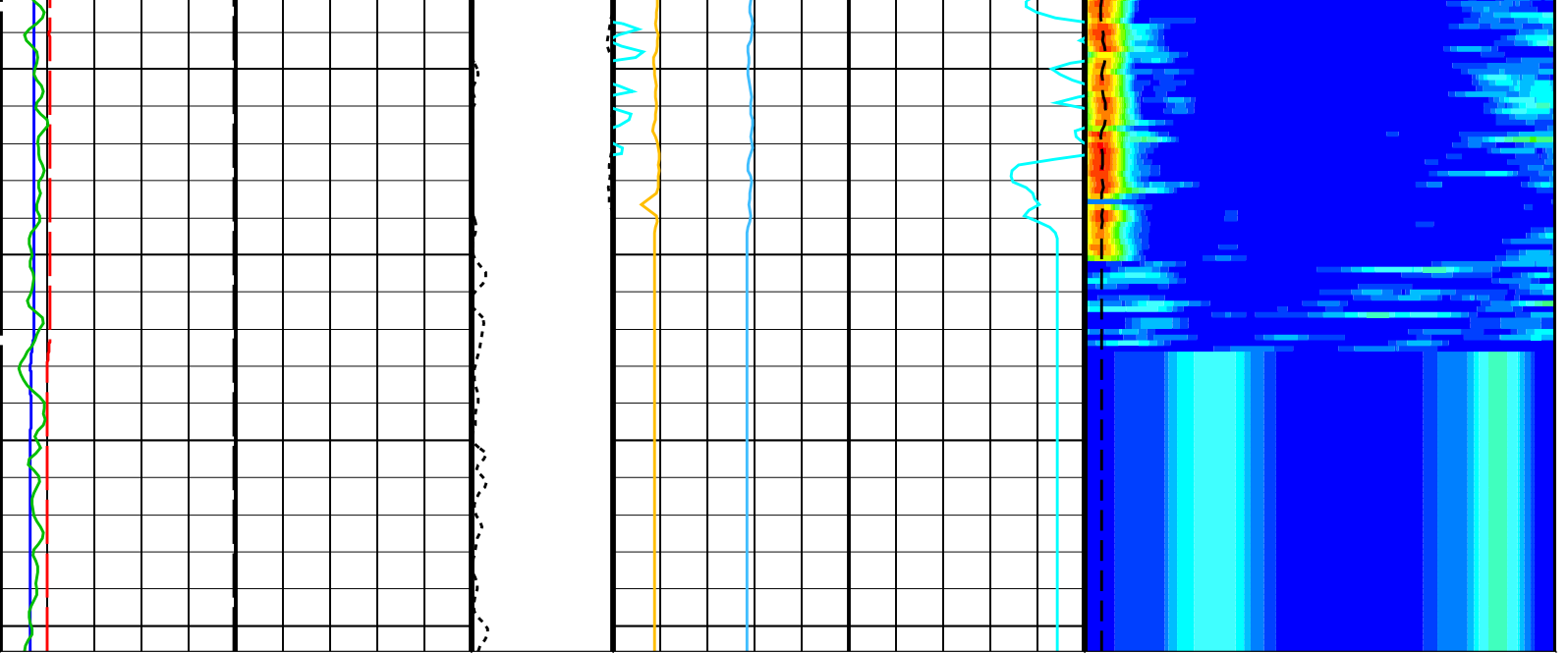
Sonic Velocity (SVEL)		
1000	(M/S)	6000











0	Bit Size (BS) (IN)	20	0	Tension (TENS) (LBF)	5000	0	Peak Coherence / RA - Upper Dipole (CHR2) (-----)	10	75	Delta-T Shear / RA - Upper Dipole (DT2R) (US/F)	1200
0	Caliper 1 (C1) (IN)	20	-2	Peak Coherence / TA - Upper Dipole (CHT2) (-----)	8	75	Min	Amplitude	Max	Rec.Array U.Dipole Slow Proj. CVDL (SPR2) (US/F)	1200
0	Caliper 2 (C2) (IN)	20	1000	Sonic Velocity (SVEL) (M/S)	6000						
0	Gamma Ray (GR_EDTC) (GAPI)	150									

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	50 US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	1000 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	NORMAL	

Format: DSST_UPPER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25-Jul-2022 14:03

OP System Version: 19C0-187

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

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_028LUP	PRODUCER	18-Jul-2022 16:19	4370.1 M	4137.7 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_047PUP	FN:41	PRODUCER	25-Jul-2022 14:03	
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Company: International Ocean Discovery Program Well: Expedition 393, Site U1583F

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_028LUP	PRODUCER	18-Jul-2022 16:19	4370.1 M	4137.7 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_047PUP	FN:41	PRODUCER	25-Jul-2022 14:03	4370.7 M 4137.7 M
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OP System Version: 19C0-187

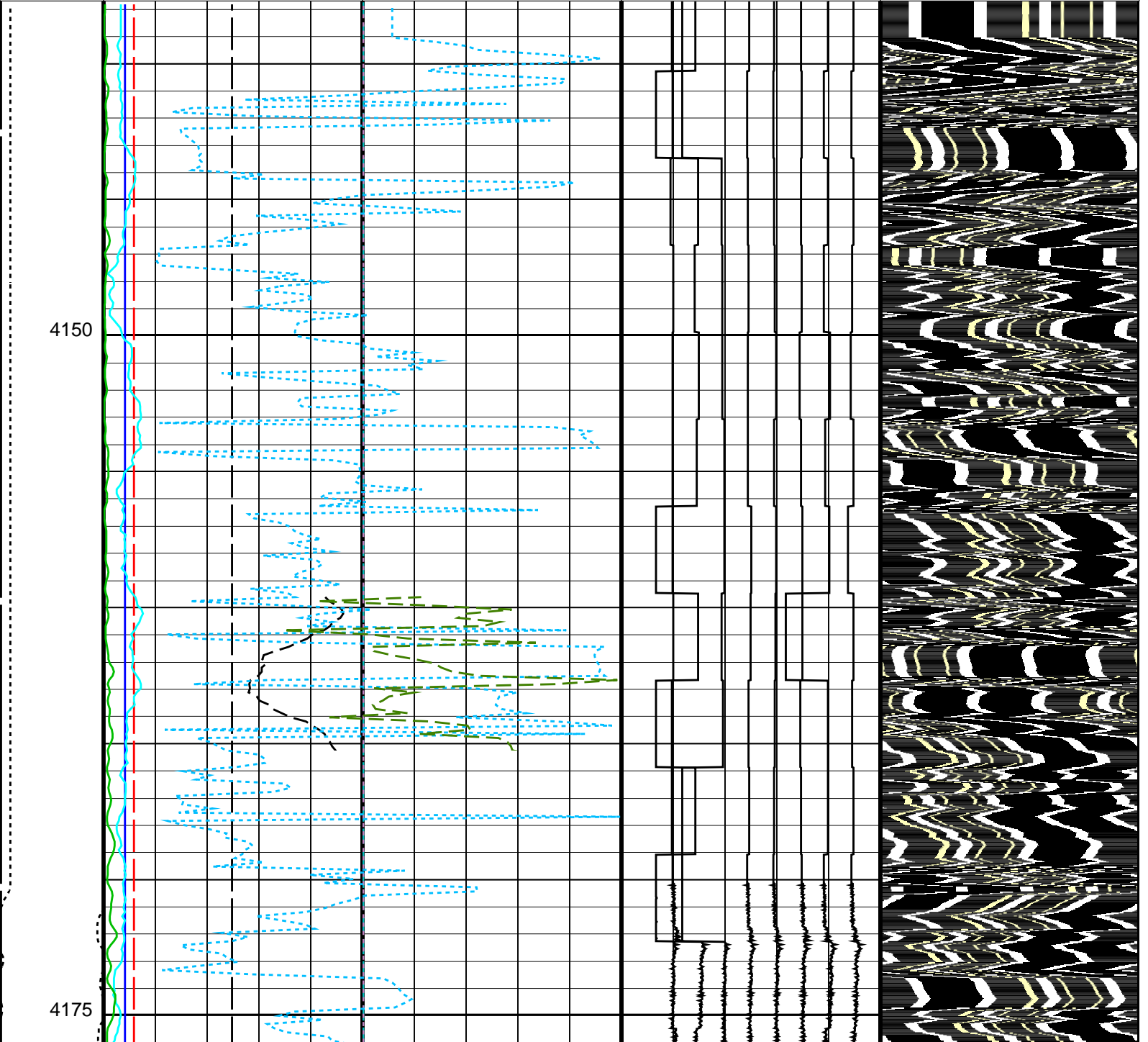
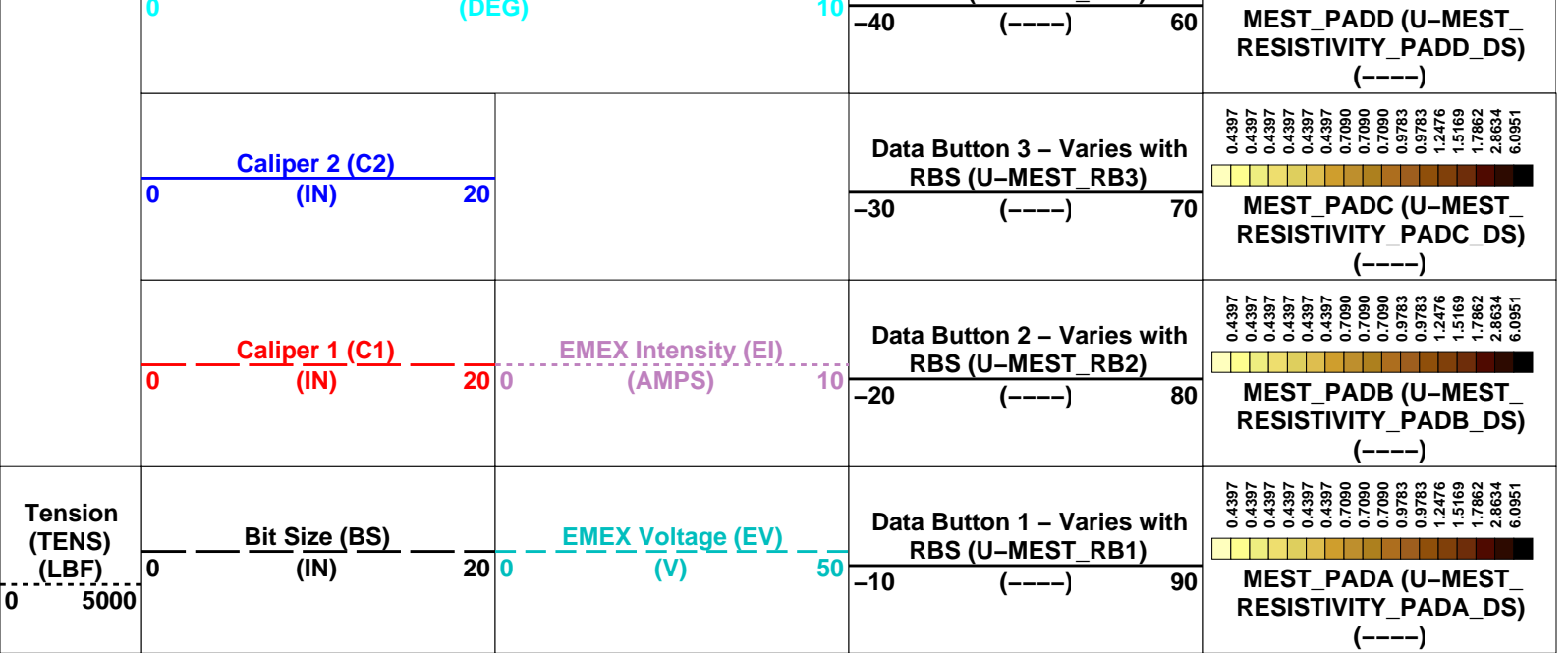
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

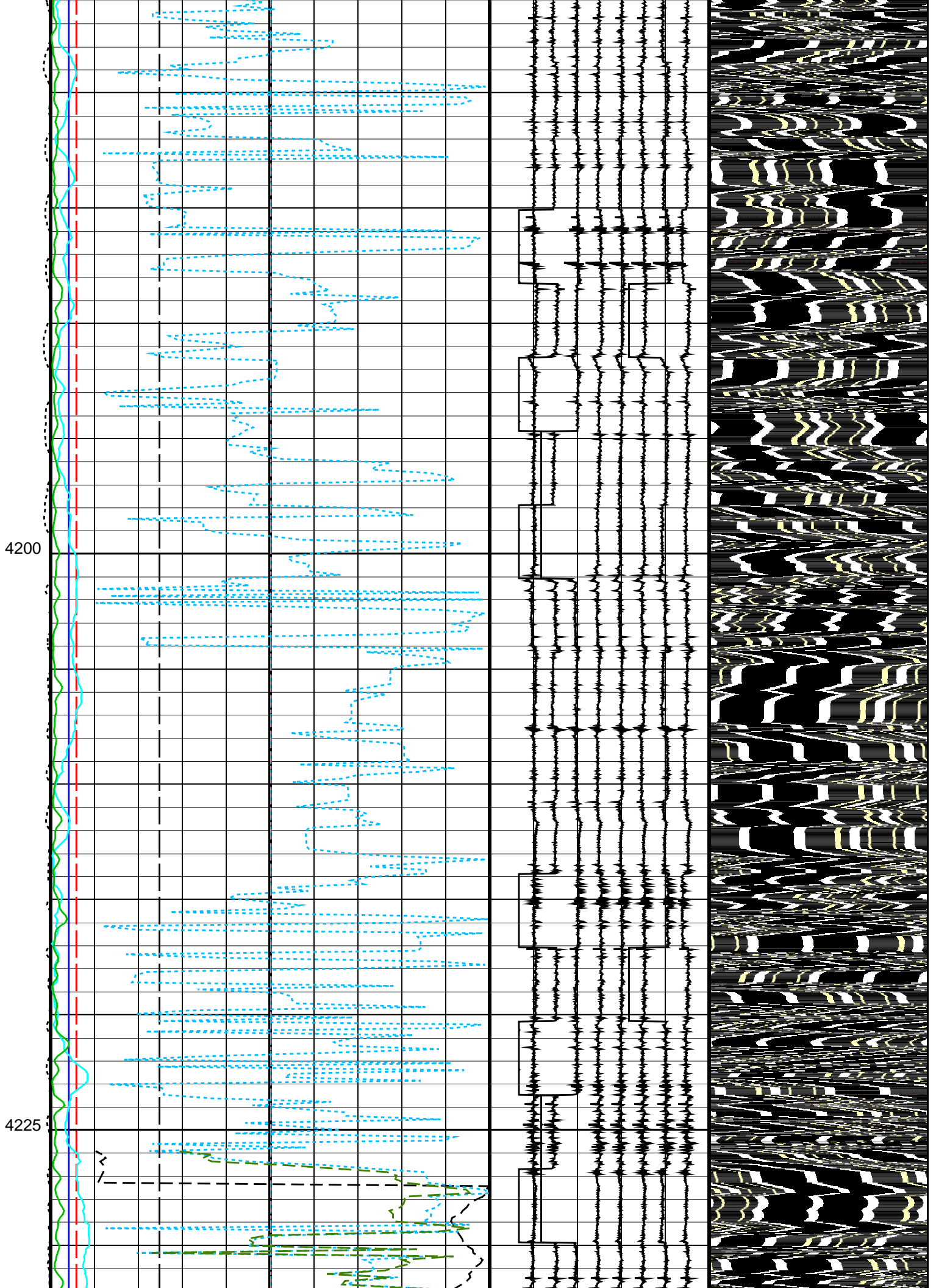
PIP SUMMARY

Time Mark Every 60 S

<p style="text-align: center;">Relative Bearing (RB_MEST)</p> <p style="text-align: center;">-40 ----- 360</p> <p style="text-align: center;">(DEG)</p>		<p>Data Button 8 – Varies with RBS (U-MEST_RB8)</p> <p>-80 (----) 20</p>
<p style="text-align: center;">Pad One Azimuth (P1AZ_MEST)</p> <p style="text-align: center;">-40 ----- 360</p> <p style="text-align: center;">(DEG)</p>		<p>Data Button 7 – Varies with RBS (U-MEST_RB7)</p> <p>-70 (----) 30</p>
<p style="text-align: center;">Hole Azimuth (HAZIM)</p> <p style="text-align: center;">-40 ----- 360</p> <p style="text-align: center;">(DEG)</p>		<p>Data Button 6 – Varies with RBS (U-MEST_RB6)</p> <p>-60 (----) 40</p>
<p style="text-align: center;">Gamma Ray (GR_EDTC)</p> <p style="text-align: center;">0 (GAPI) 150</p>		<p>Data Button 5 – Varies with RBS (U-MEST_RB5)</p> <p>-50 (----) 50</p>

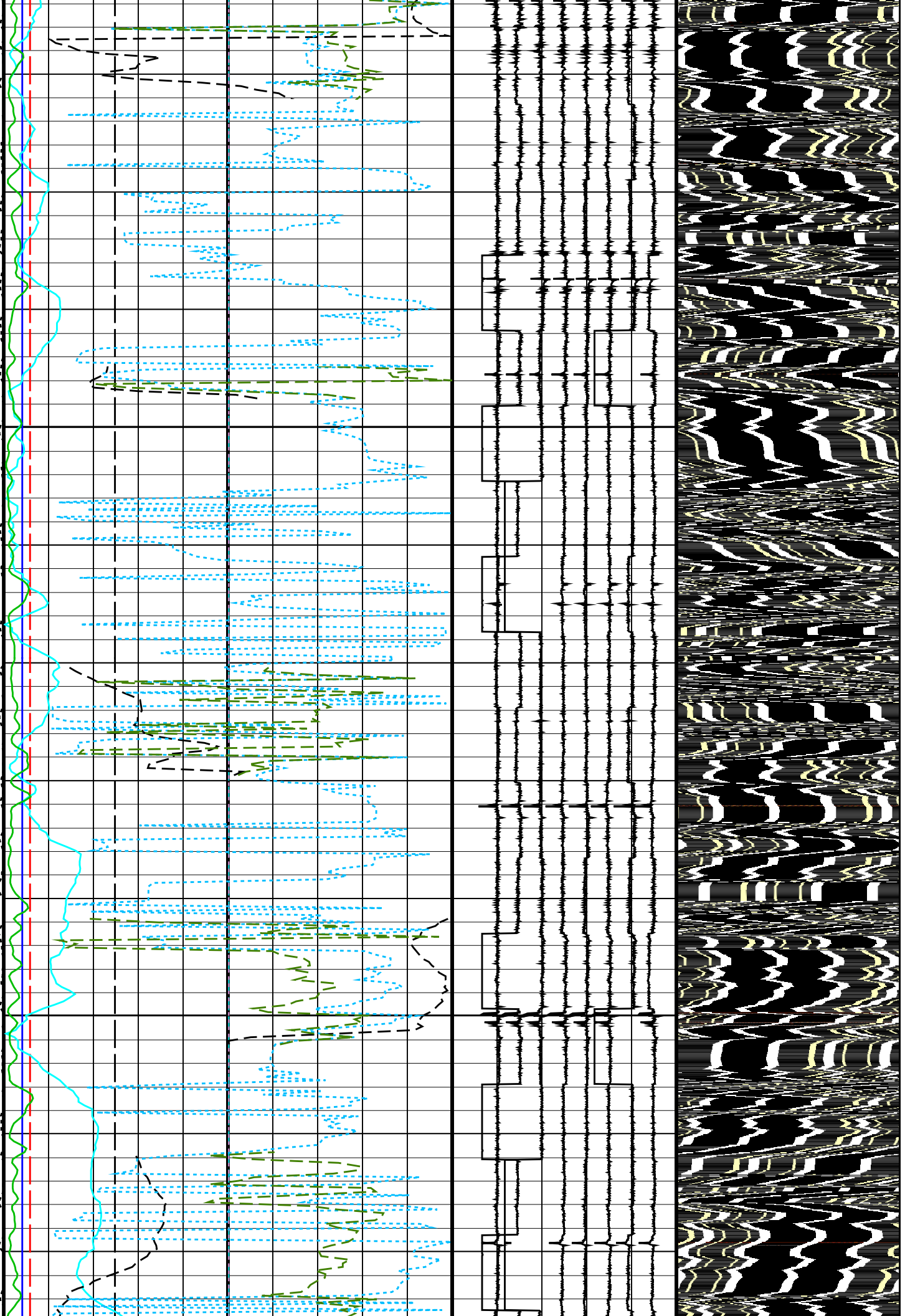
<p style="text-align: center;">Deviation (DEVIM)</p> <p style="text-align: center;">-----</p>		<p>Data Button 4 – Varies with RBS (U-MEST_RB4)</p>	<p>0.4397 0.4397 0.4397 0.4397 0.7090 0.7090 0.9763 0.9763 1.2476 1.5169 1.7862 2.8634 6.0951</p>
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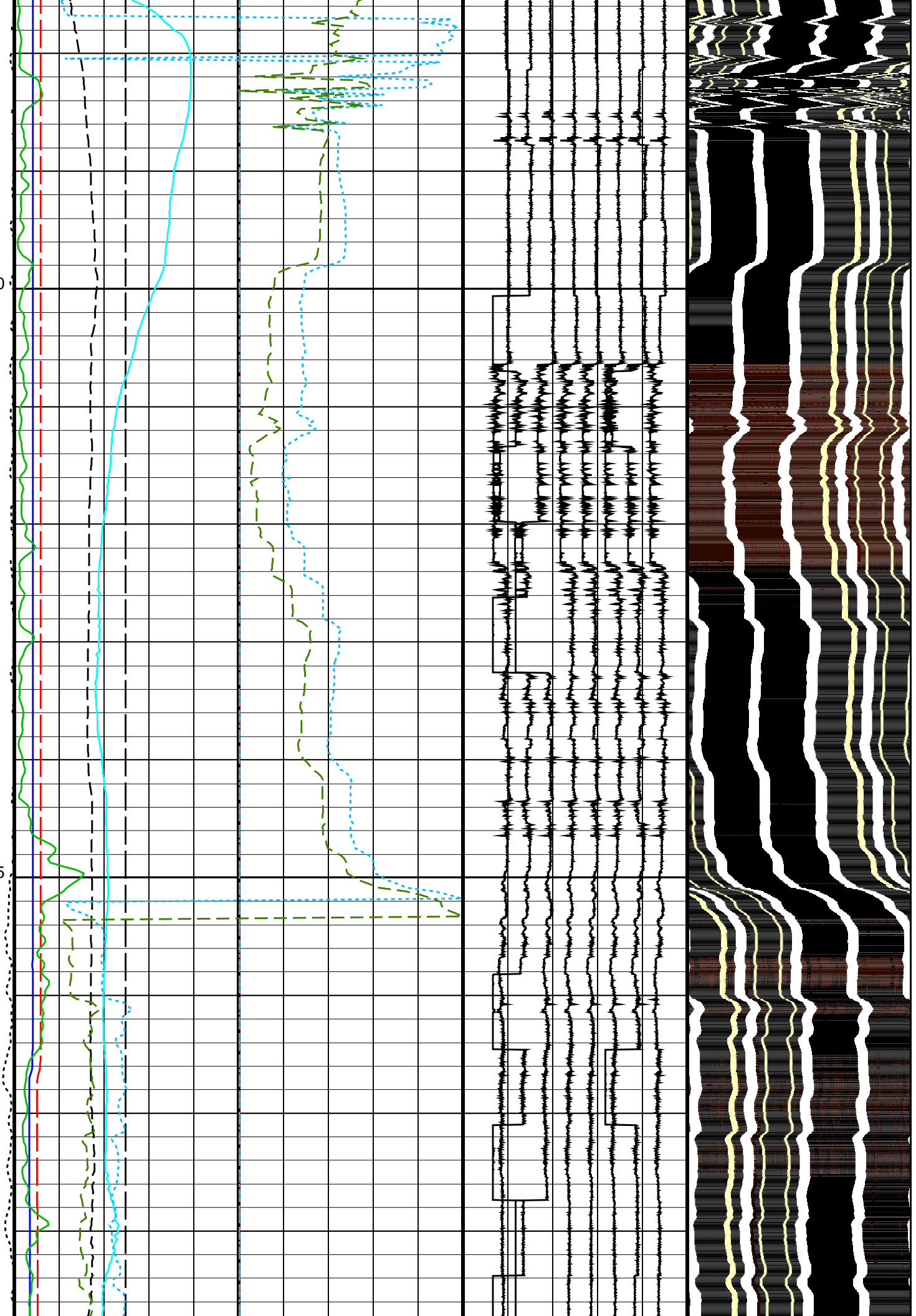
4250

4275

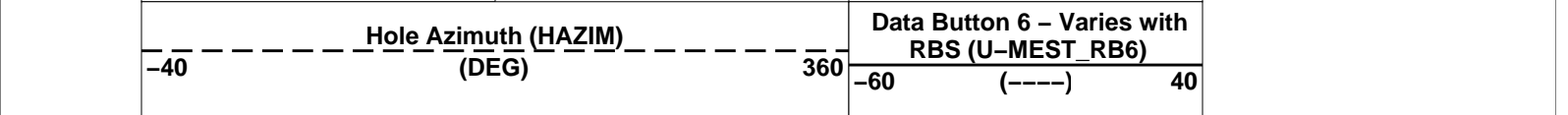
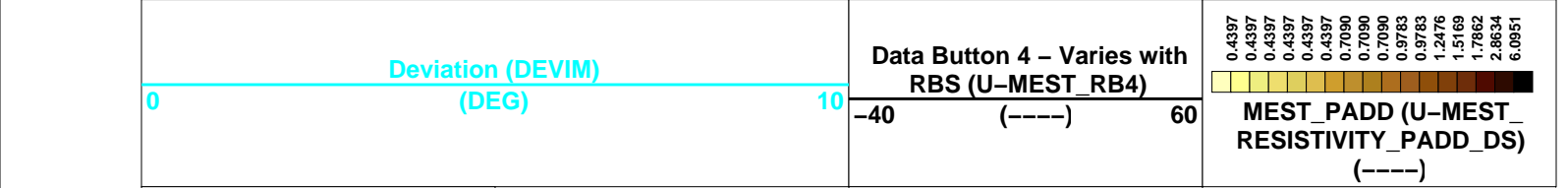
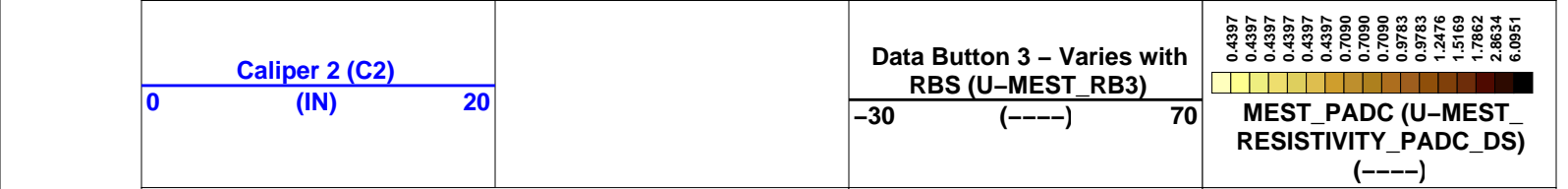
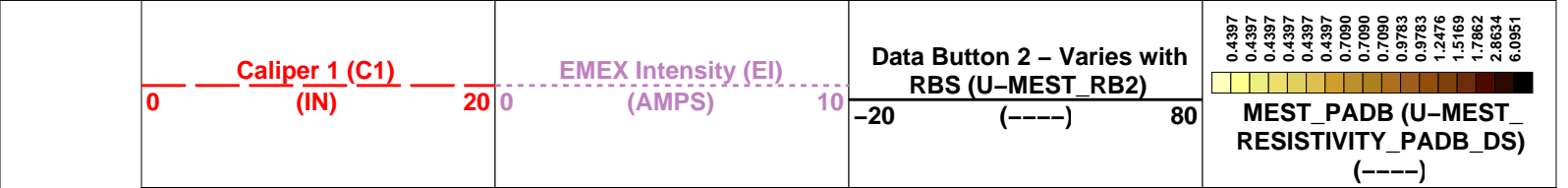
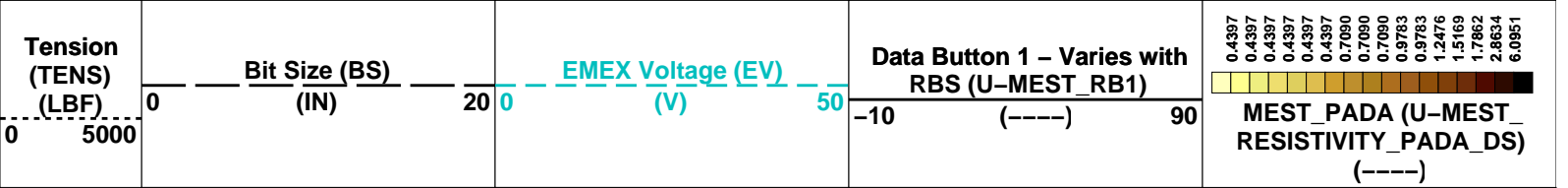
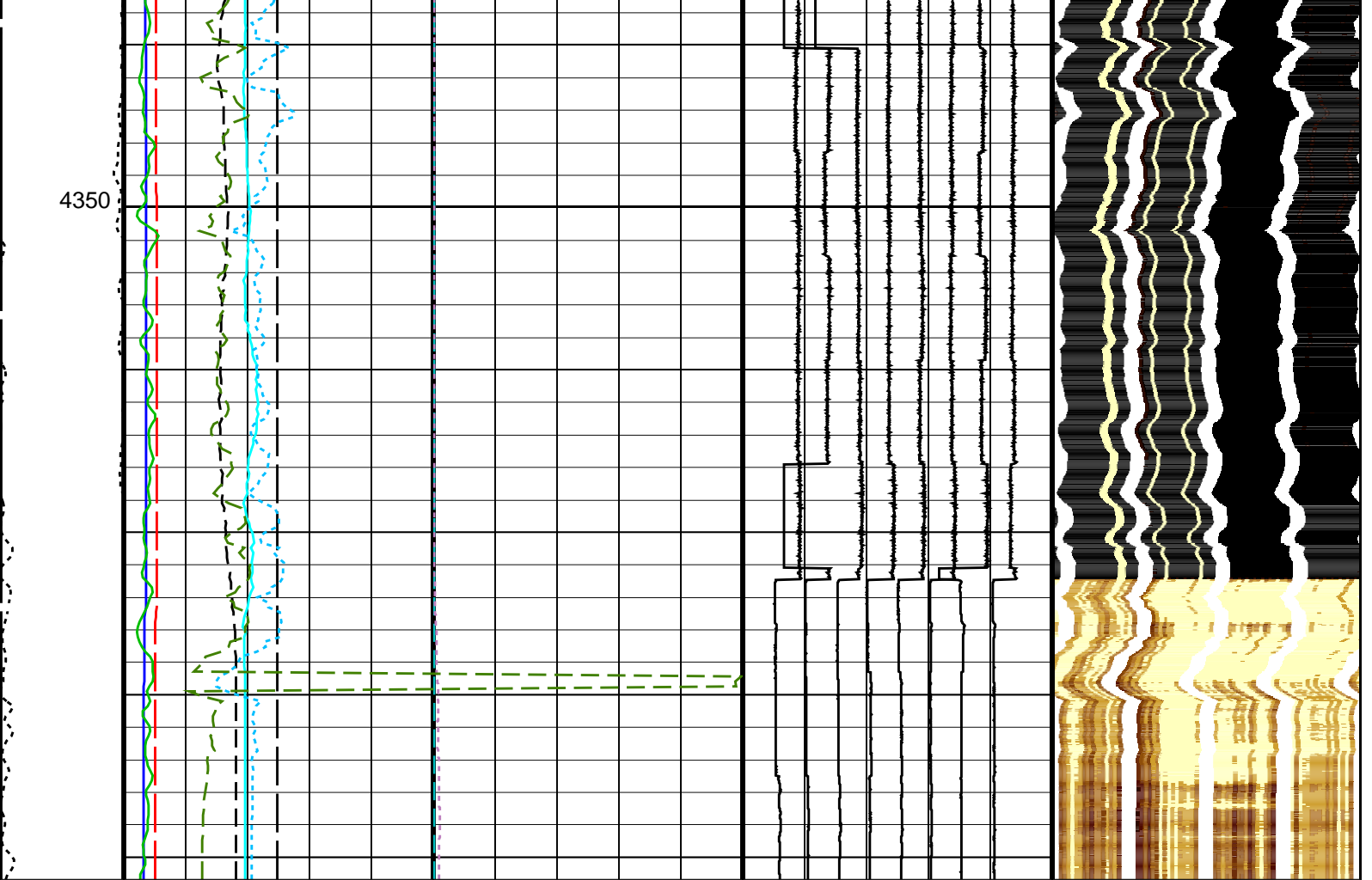


4300

4325



4350



Relative Bearing (RB_MEST) (DEG)	Data Button 8 - Varies with RBS (U-MEST_RB8)
-40 ----- 360	-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	-24.2209 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	NORMAL

Format: MEST_C_WRAP_BY_P1AZ Vertical Scale: 1:200 Graphics File Created: 25-Jul-2022 14:03

OP System Version: 19C0-187

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

Input DLIS Files

DEFAULT	Flip_FMS_DSI_NGS_028LUP	PRODUCER	18-Jul-2022 16:19	4370.1 M	4137.7 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_047PUP	FN:41	PRODUCER	25-Jul-2022 14:03
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First Up Pass

MAXIS Field Log

Input DLIS Files

DEFAULT	FMS_DSI_NGS_022LUP	FN:21	PRODUCER	17-Jul-2022 15:56	4400.5 M	4330.0 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_048PUP	FN:42	PRODUCER	25-Jul-2022 14:11	4400.5 M	4330.0 M
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OP System Version: 19C0-187

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

PIP SUMMARY

Time Mark Every 60 S

HNGS Spectroscopy Gamma Ray (HSGR)
0 (GAPI) 100

Area1
From HCGR to HSGR

HNGS Computed Gamma Ray (HCGR)
0 (GAPI) 100

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

Caliper 2 (C2)
6 (IN) 16

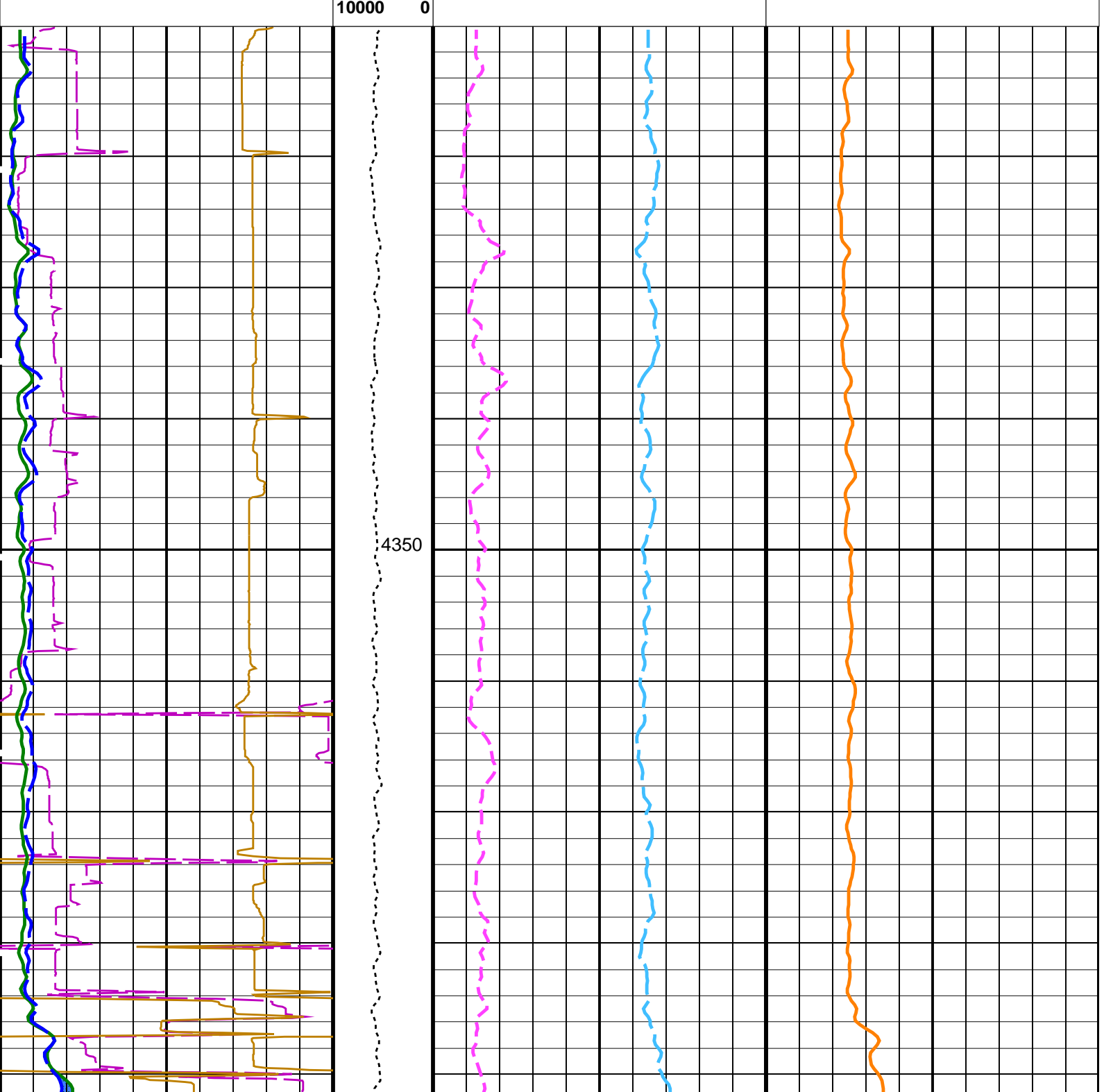
HNGS Uranium (HURA)
-5 (PPM) 10

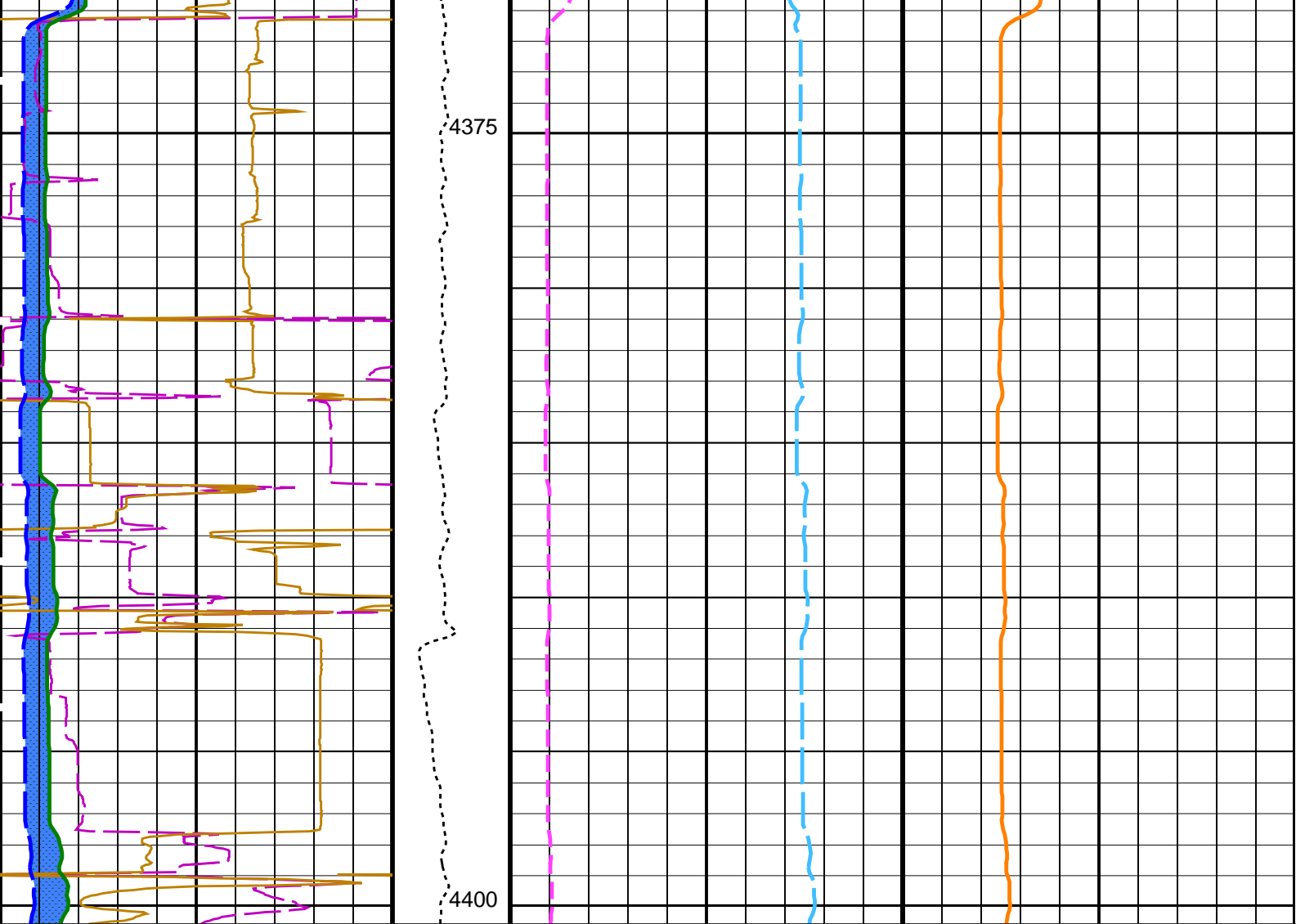
Caliper 1 (C1)
6 (IN) 16

Tension (TENS) (LBF)
10000 0

HNGS Thorium (HTHO)
-1 (PPM) 14

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





6	Caliper 1 (C1) (IN)	16	Tension (TENS) (LBF)	-1	HNGS Thorium (HTHO) (PPM)	14	-0.01	HNGS Potassium (HFK) (-----)	0.04
6	Caliper 2 (C2) (IN)	16	10000 0	-5	HNGS Uranium (HURA) (PPM)	10			
0	HNGS Computed Gamma Ray (HCGR) (GAPI)	100					-0.05	HNGS Borehole Potassium (HBHK) (-----)	0.05
Area1 From HCGR to HSGR									
0	HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)	100							

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
BHS	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	-0.00725644	
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	-3.31097	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	10.2558	
BHS	EDTC-B: Enhanced DTS Cartridge		
GCSE	Borehole Status	OPEN	
	Generalized Caliper Selection	C1	
	System and Miscellaneous		
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.03	G/C3
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 25-Jul-2022 14:11

OP System Version: 19C0-187

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

Input DLIS Files

DEFAULT	FMS_DSI_NGS_022LUP	FN:21	PRODUCER	17-Jul-2022 15:56	4400.5 M	4330.0 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_048PUP	FN:42	PRODUCER	25-Jul-2022 14:11		
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Input DLIS Files

DEFAULT	FMS_DSI_NGS_022LUP	FN:21	PRODUCER	17-Jul-2022 15:56	4400.5 M	4330.0 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_048PUP	FN:42	PRODUCER	25-Jul-2022 14:11	4400.5 M	4330.0 M
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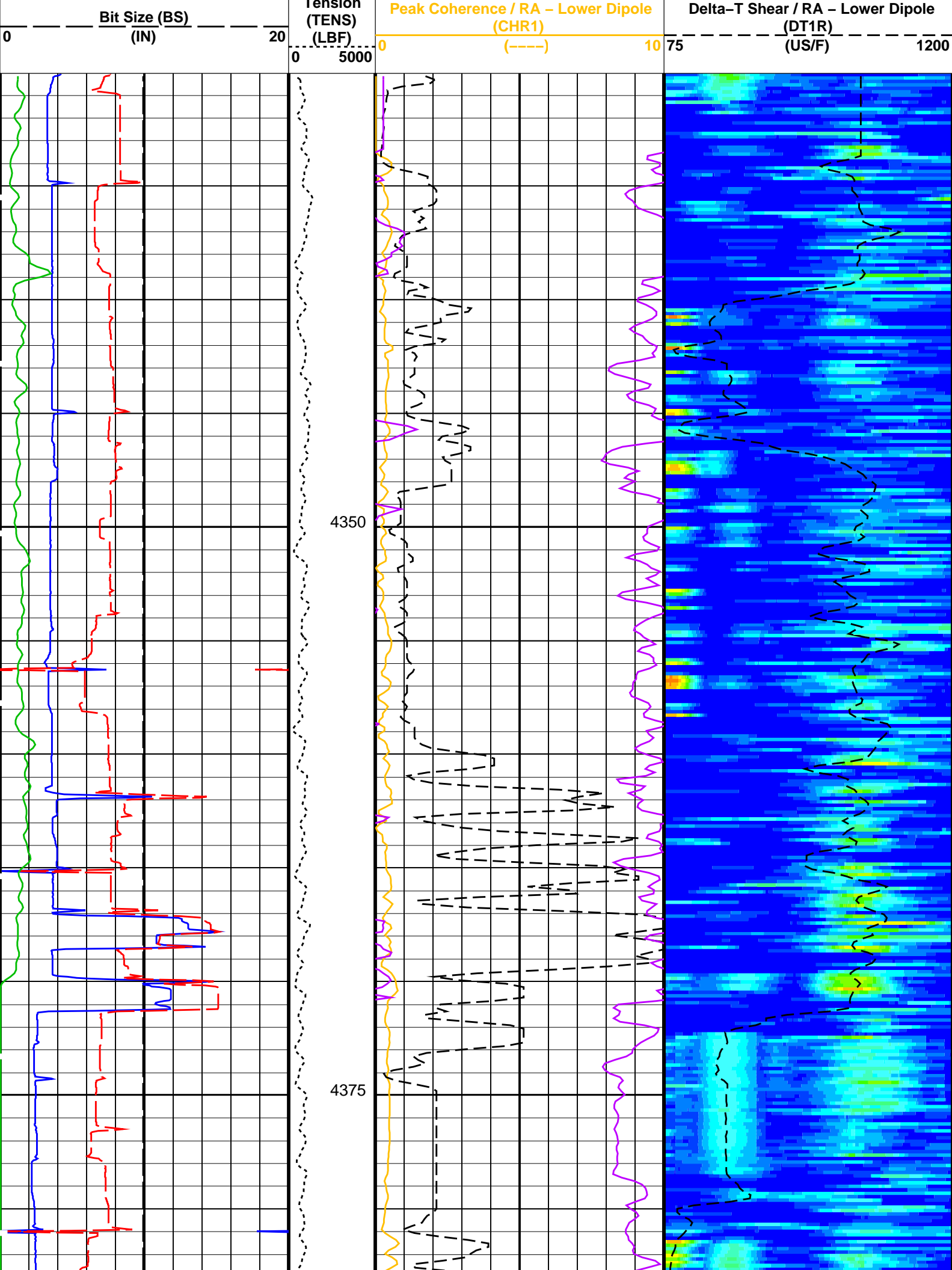
OP System Version: 19C0-187

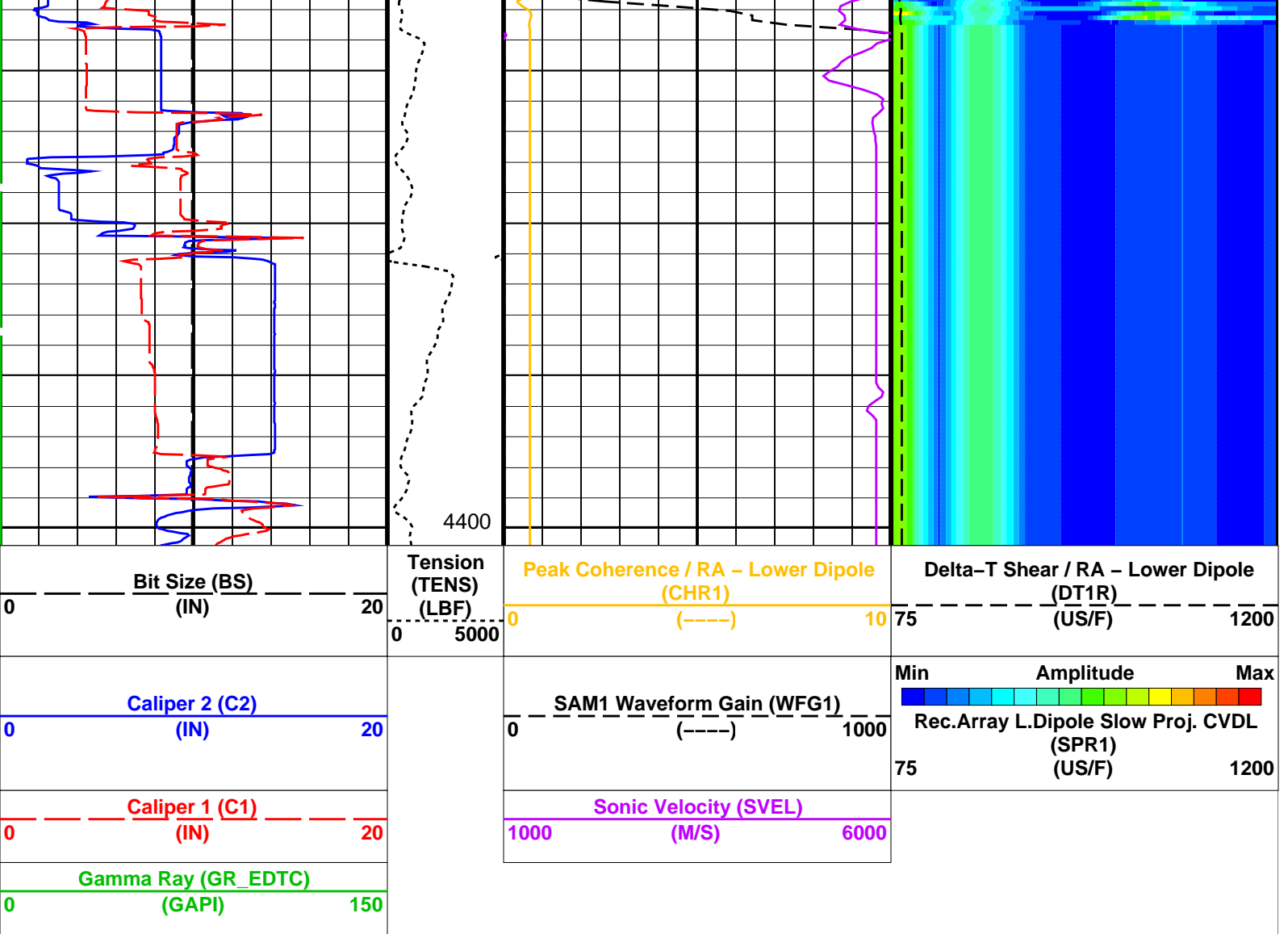
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

PIP SUMMARY

Time Mark Every 60 S

<p>Gamma Ray (GR_EDTC)</p> <p>0 (GAPI) 150</p> <hr/> <p>Caliper 1 (C1)</p> <p>0 (IN) 20</p> <hr/> <p>Caliper 2 (C2)</p> <p>0 (IN) 20</p>	<p>Sonic Velocity (SVEL)</p> <p>1000 (M/S) 6000</p> <hr/> <p>SAM1 Waveform Gain (WFG1)</p> <p>0 (----) 1000</p>	<p>Min Max</p> <p>Rec.Array L.Dipole Slow Proj. CVDL</p> <p>(SPR1)</p> <p>(US/F) 1200</p>
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PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DSST-B: Dipole Shear Imager - B		
DDE1	Digitizing Delay 1	0 US
DDEX	Digitizing Delay X	0 US
DLCS	Label Compressional Source - Dipole Shear	USE
DSHL	Label Slowness Lower Limit - Dipole Shear	50 US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	1000 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 2 1.5K

SPM1	STC Filter – Lower Dipole	B.S-1.5K	40	US/F
SLL1	STC Slowness Lower Limit – Lower Dipole		4	US/F
SST1	STC Slowness Step – Lower Dipole			
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		NORMAL	

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25-Jul-2022 14:11

OP System Version: 19C0-187

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

Input DLIS Files

DEFAULT	FMS_DSI_NGS_022LUP	FN:21	PRODUCER	17-Jul-2022 15:56	4400.5 M	4330.0 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_048PUP	FN:42	PRODUCER	25-Jul-2022 14:11		
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Company: International Ocean Discovery Program Well: Expedition 393, Site U1583F

Input DLIS Files

DEFAULT	FMS_DSI_NGS_022LUP	FN:21	PRODUCER	17-Jul-2022 15:56	4400.5 M	4330.0 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_048PUP	FN:42	PRODUCER	25-Jul-2022 14:11	4400.5 M	4330.0 M
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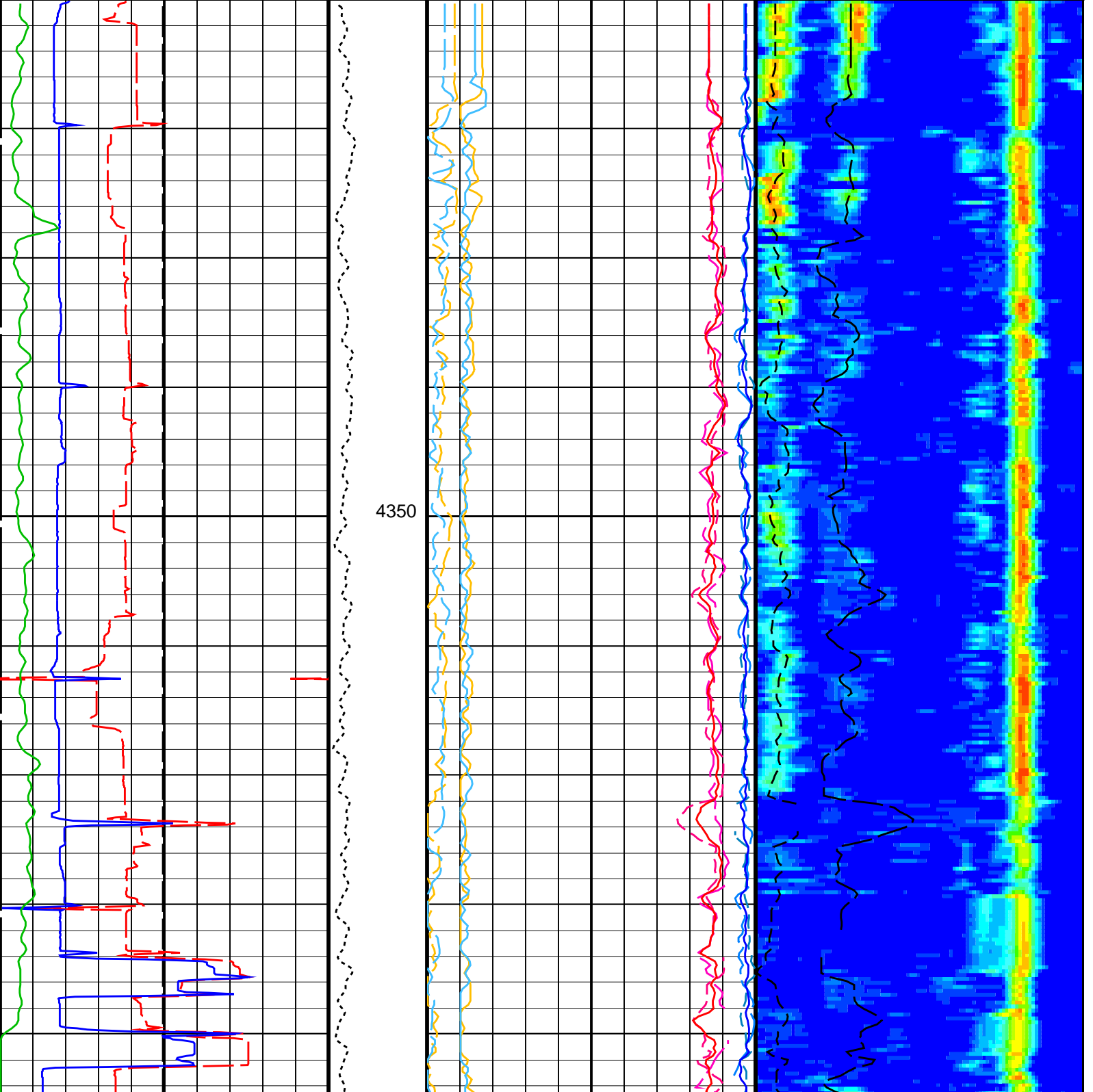
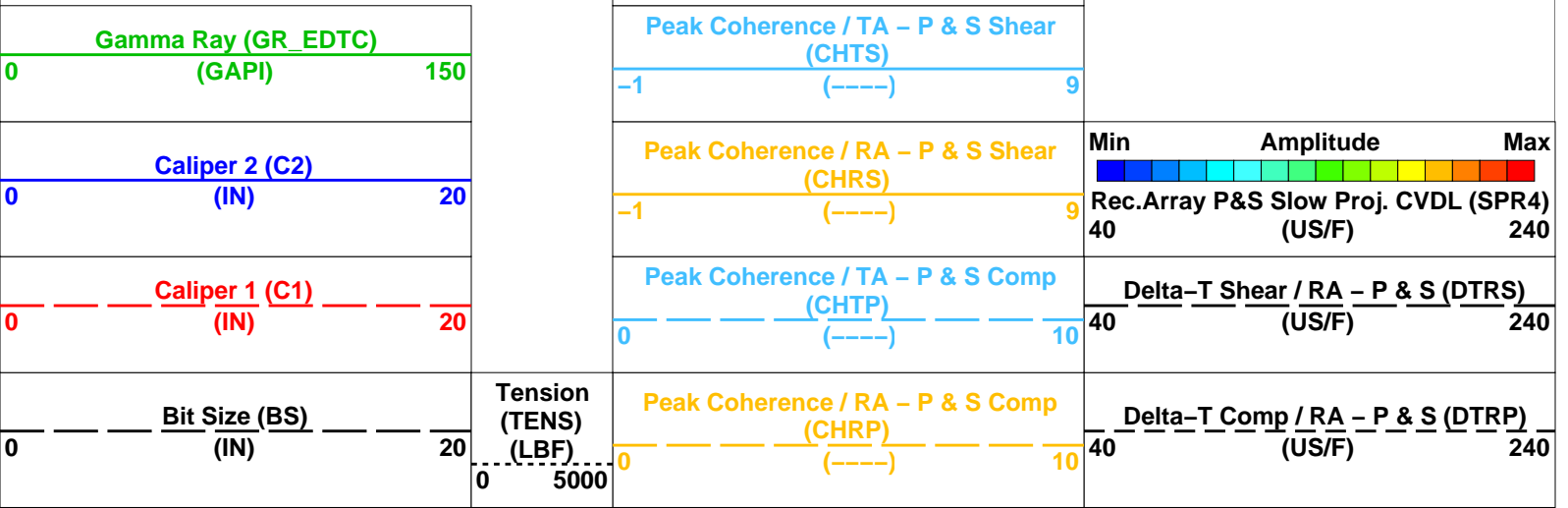
OP System Version: 19C0-187

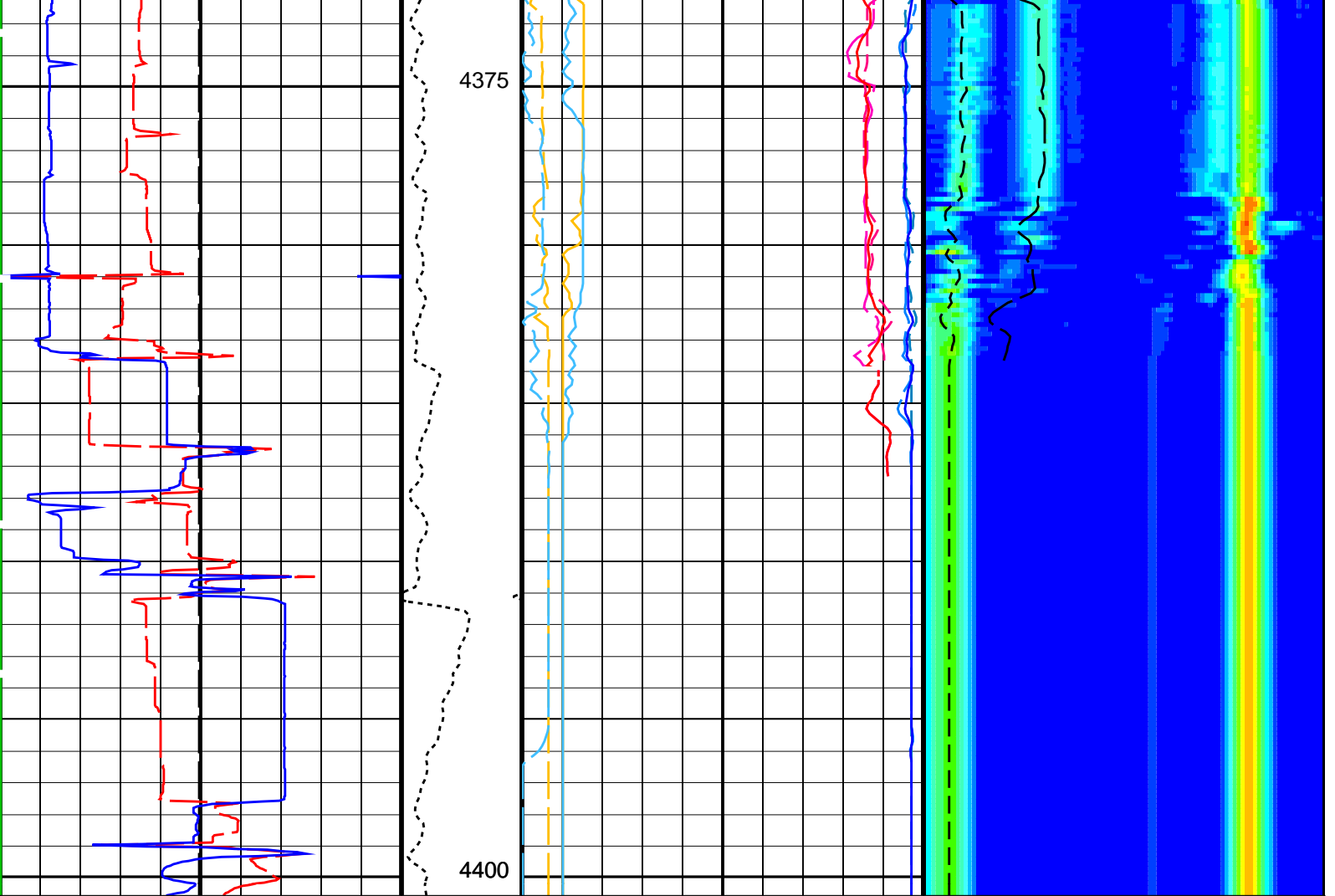
MEST-B	19C0-187	DTA-A	19C0-187
DSST-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

PIP SUMMARY

Time Mark Every 60 S

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





<p>Bit Size (BS) (IN) 0 20</p>	<p>Tension (TENS) (LBF) 0 5000</p>	<p>Peak Coherence / RA - P & S Comp (CHRP) 0 (----) 10</p>	<p>Delta-T Comp / RA - P & S (DTRP) (US/F) 40 240</p>
<p>Caliper 1 (C1) (IN) 0 20</p>		<p>Peak Coherence / TA - P & S Comp (CHTP) 0 (----) 10</p>	<p>Delta-T Shear / RA - P & S (DTRS) (US/F) 40 240</p>
<p>Caliper 2 (C2) (IN) 0 20</p>		<p>Peak Coherence / RA - P & S Shear (CHRS) -1 (----) 9</p>	<p>Min Amplitude Max Rec.Array P&S Slow Proj. CVDL (SPR4) (US/F) 40 240</p>
<p>Gamma Ray (GR_EDTC) (GAPI) 0 150</p>		<p>Peak Coherence / TA - P & S Shear (CHTS) -1 (----) 9</p>	
		<p>Delta-T Comp / RA - P & S (DTRP) 440 (US/F) 40</p>	
		<p>Delta-T Comp / TA - P & S (DTTP) 440 (US/F) 40</p>	
		<p>Delta-T Comp - P & S (DT4P) 440 (US/F) 40</p>	
		<p>Delta-T Shear / RA - P & S (DTRS) 440 (US/F) 40</p>	
		<p>Delta-T Shear / TA - P & S (DTTS) 440 (US/F) 40</p>	
		<p>Delta-T Shear - P & S (DT4S) 440 (US/F) 40</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	40	US/F
COUL	Label Slowness Upper Limit - Monopole P&S Compressional	70	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	
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	ODD	
SAMX	DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert	OFF	
SAS4	STC Sonic Array Status - Monopole P&S	255	
SBO4	STC Search Band Offset - Monopole P&S	500	US
SBR4	STC Baseline Removal - Monopole P&S	ON	
SBW4	STC Search Bandwidth - Monopole P&S	2000	US
SFC4	STC Formation Character - Monopole P&S	SELECTABLE	
SFM4	STC Filter - Monopole P&S	B3-20K	
SHLL	Label Slowness Lower Limit - Monopole P&S Shear	70	US/F
SHUL	Label Slowness Upper Limit - Monopole P&S Shear	140	US/F
SLL4	STC Slowness Lower Limit - Monopole P&S	40	US/F
SST4	STC Slowness Step - Monopole P&S	2	US/F
SSW4	STC Source Waveform - Monopole P&S	WF_SAM4	
STLL	Label Slowness Lower Limit - Monopole Stoneley	180	US/F
STUL	Label Slowness Upper Limit - Monopole Stoneley	780	US/F
SUL4	STC Slowness Upper Limit - Monopole P&S	240	US/F
SWD4	STC Slowness Width - Monopole P&S	10	US/F
TBF4	STC Time for Baseline Fill - Monopole P&S	300	US
TLL4	STC Time Lower Limit - Monopole P&S	150	US
TST4	STC Time Step - Monopole P&S	50	US
TUL4	STC Time Upper Limit - Monopole P&S	3660	US
TWD4	STC Time Width - Monopole P&S	1000	US
TWI4	STC Integration Time Window - Monopole P&S	500	US
TWSX	Transmitter Waveform Select X	0	
HNGS-BA: Hostile Natural Gamma Ray Sonde			
BHS	Borehole Status	OPEN	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25-Jul-2022 14:11

OP System Version: 19C0-187

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

Input DLIS Files

DEFAULT	FMS DSI NGS 022LUP	FN:21	PRODUCER	17-Jul-2022 15:56	4400.5 M	4330.0 M
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Output DLIS Files

DEFAULT FMS_DSI_NGS_048PUP

FN:42 PRODUCER 25-Jul-2022 14:11

Company: International Ocean Discovery Program

Well: Expedition 393, Site U1583F

Input DLIS Files

DEFAULT FMS_DSI_NGS_022LUP FN:21 PRODUCER 17-Jul-2022 15:56 4400.5 M 4330.0 M

Output DLIS Files

DEFAULT FMS_DSI_NGS_048PUP FN:42 PRODUCER 25-Jul-2022 14:11 4400.5 M 4330.0 M


OP System Version: 19C0-187

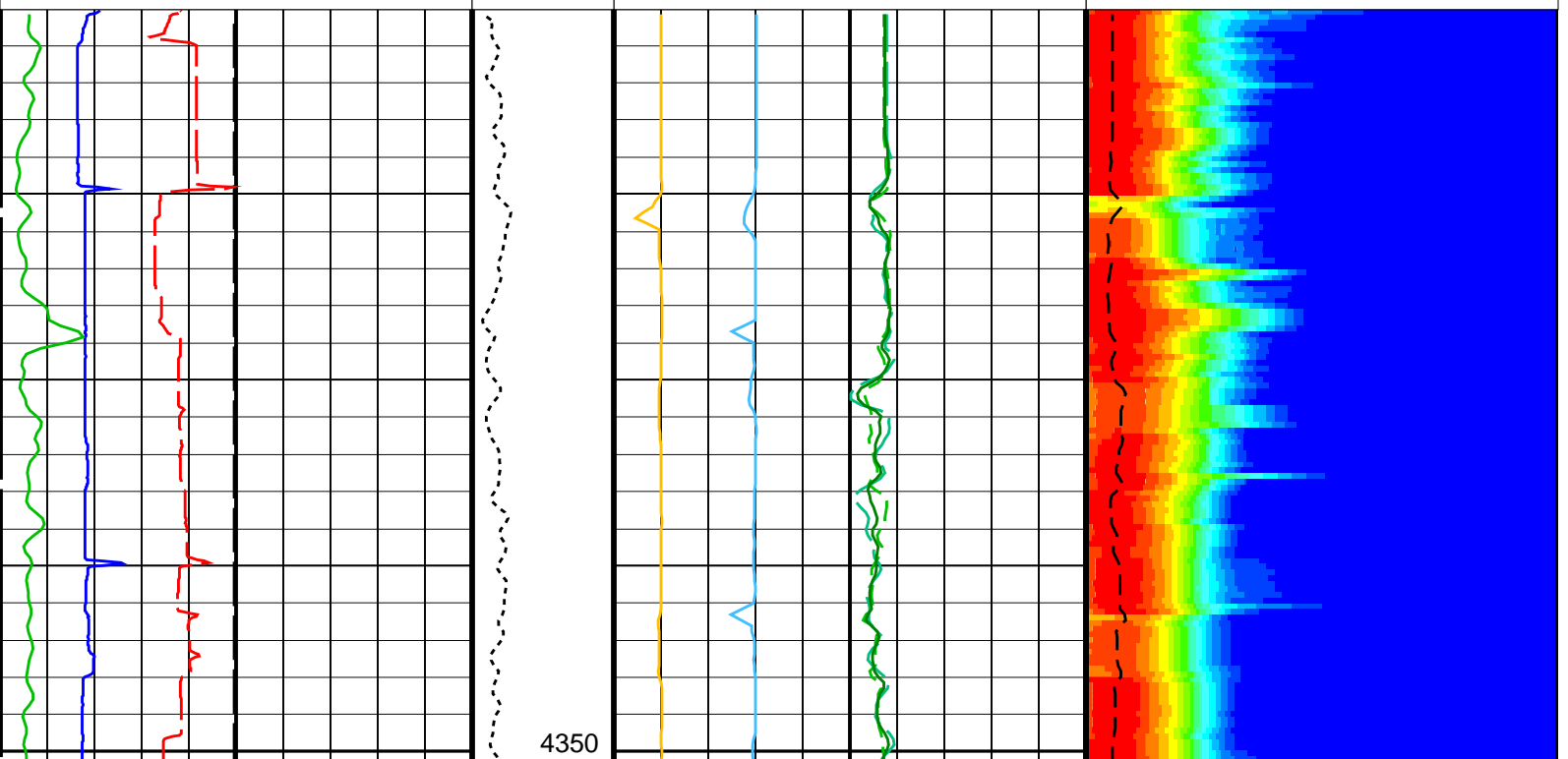
MEST-B 19C0-187
 DSST-B 19C0-187
 HNGS-BA 19C0-187

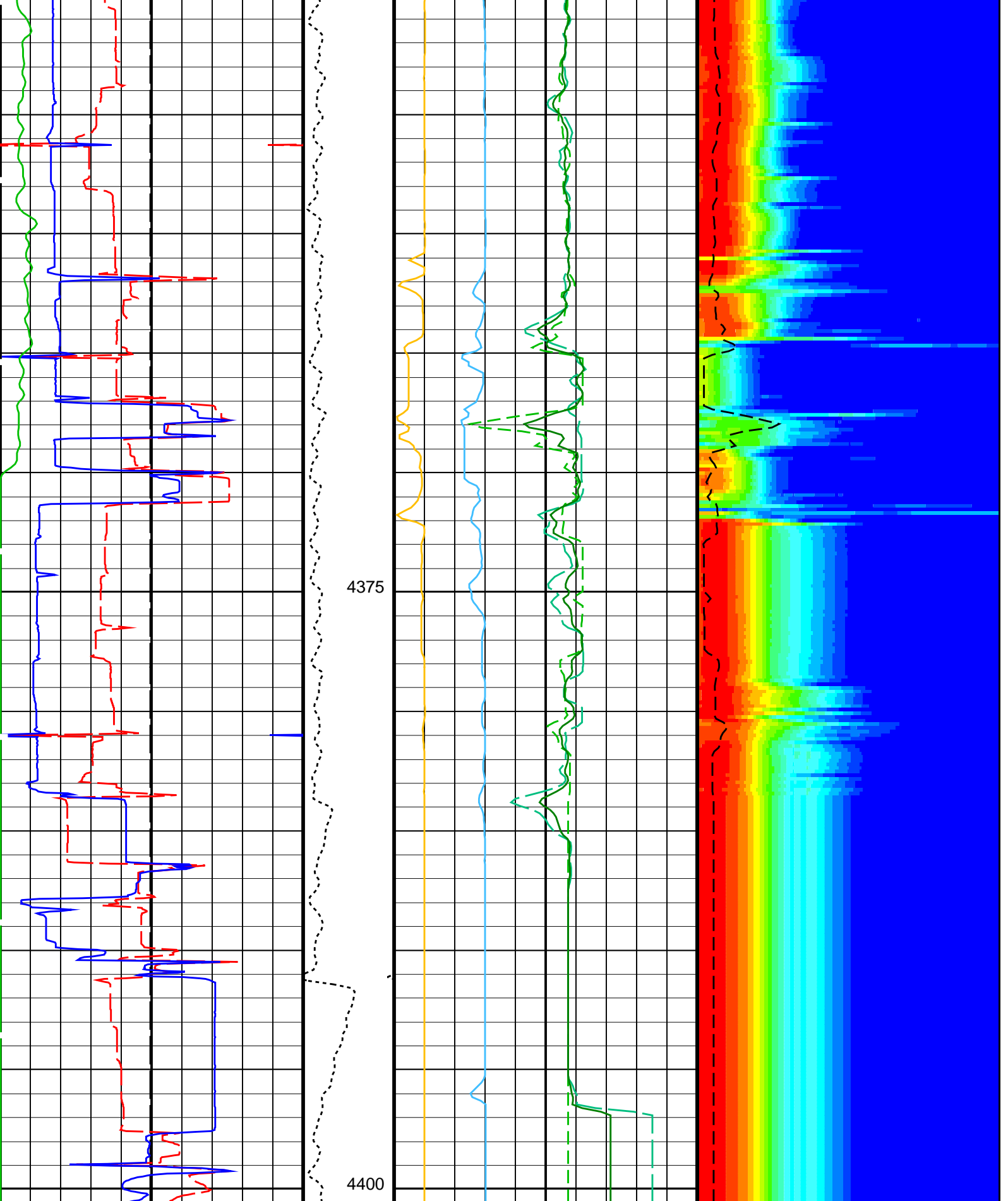
DTA-A 19C0-187
 HNGC-B 19C0-187
 EDTC-B SKK-5169-EDTCB

PIP SUMMARY

Time Mark Every 60 S

		Delta-T Stoneley (DTST) 440 (US/F) 40	
Gamma Ray (GR_EDTC) 0 (GAPI) 150		Delta-T Stoneley / TA (DT3T) 440 (US/F) 40	
Caliper 2 (C2) 0 (IN) 20		Delta-T Stoneley / RA (DT3R) 440 (US/F) 40	
Caliper 1 (C1) 0 (IN) 20		Peak Coherence / TA - Stoneley (CHT3) -2 (----) 8	Min  Max
Bit Size (BS) 0 (IN) 20	Tension (TENS) 0 (LBF) 5000	Peak Coherence / RA - Stoneley (CHR3) 0 (----) 10	Rec.Array Stoneley Slow Proj. CVDL (SPR3) 180 (US/F) 780
		Delta-T Stoneley / RA (DT3R) 180 (US/F) 780	





Bit Size (BS)
(IN)

Tension
(TENS)
(LBF)

Peak Coherence / RA - Stoneley (CHR3)
(-----)

Delta-T Stoneley / RA (DT3R)
(US/F)

Caliper 1 (C1)

Peak Coherence / TA - Stoneley (CHT3)

Min Amplitude Max

0	(IN)	20	-2	(----	8	Rec.Array Stoneley Slow Proj. CVDL	
						(SPR3)	
						(US/F)	780
0	Caliper 2 (C2)	20	440	Delta-T Stoneley / RA (DT3R)	40		
	(IN)			(US/F)			
0	Gamma Ray (GR_EDTC)	150	440	Delta-T Stoneley / TA (DT3T)	40		
	(GAPI)			(US/F)			
			440	Delta-T Stoneley (DTST)	40		
				(US/F)			

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager - B			
DDE3	Digitizing Delay 3	0	US
DDEX	Digitizing Delay X	0	US
DSI3	Digitizer Sample Interval 3	40	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta-T Source for DTCO Channel	PS_COMP	
DWC3	Digitizer Word Count 3	512	
DWCX	Digitizer Word Count X	512	
MTXG	Monopole Transmitter Geometry	186	IN
NWI3	Number Waveform Items 3	8	
NWIX	Number Waveform Items X	0	
RX1G	Receiver 1 Geometry	294	IN
RX2G	Receiver 2 Geometry	300	IN
RX3G	Receiver 3 Geometry	306	IN
RX4G	Receiver 4 Geometry	312	IN
RX5G	Receiver 5 Geometry	318	IN
RX6G	Receiver 6 Geometry	324	IN
RX7G	Receiver 7 Geometry	330	IN
RX8G	Receiver 8 Geometry	336	IN
SAM3	DSST Sonic Acquisition Mode 3 - Monopole Mode for Stoneley	EVEN	
SAMX	DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert	OFF	
SAS3	STC Sonic Array Status - Monopole Stoneley	255	
SBO3	STC Search Band Offset - Monopole Stoneley	2000	US
SBW3	STC Search Bandwidth - Monopole Stoneley	6000	US
SFC3	STC Formation Character - Monopole Stoneley	SELECTABLE	
SFM3	STC Filter - Monopole Stoneley	B.5-1.5K	
SLL3	STC Slowness Lower Limit - Monopole Stoneley	180	US/F
SST3	STC Slowness Step - Monopole Stoneley	4	US/F
SSW3	STC Source Waveform - Monopole Stoneley	WF_SAM3	
STLL	Label Slowness Lower Limit - Monopole Stoneley	180	US/F
STUL	Label Slowness Upper Limit - Monopole Stoneley	780	US/F
SUL3	STC Slowness Upper Limit - Monopole Stoneley	780	US/F
SWD3	STC Slowness Width - Monopole Stoneley	40	US/F
TBF3	STC Time for Baseline Fill - Monopole Stoneley	0	US
TLL3	STC Time Lower Limit - Monopole Stoneley	620	US
TST3	STC Time Step - Monopole Stoneley	200	US
TUL3	STC Time Upper Limit - Monopole Stoneley	12020	US
TWD3	STC Time Width - Monopole Stoneley	2000	US
TWI3	STC Integration Time Window - Monopole Stoneley	1600	US
TWSX	Transmitter Waveform Select X	0	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: DSST_STONELEY_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25-Jul-2022 14:11

OP System Version: 19C0-187

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

Input DLIS Files

DEFAULT	FMS_DSI_NGS_022LUP	FN:21	PRODUCER	17-Jul-2022 15:56	4400.5 M	4330.0 M
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Output DLIS Files

DEFAULT FMS_DSI_NGS_048PUP

FN:42 PRODUCER 25-Jul-2022 14:11

Input DLIS Files

DEFAULT FMS_DSI_NGS_022LUP

FN:21 PRODUCER 17-Jul-2022 15:56 4400.5 M 4330.0 M

Output DLIS Files

DEFAULT FMS_DSI_NGS_048PUP

FN:42 PRODUCER 25-Jul-2022 14:11 4400.5 M 4330.0 M

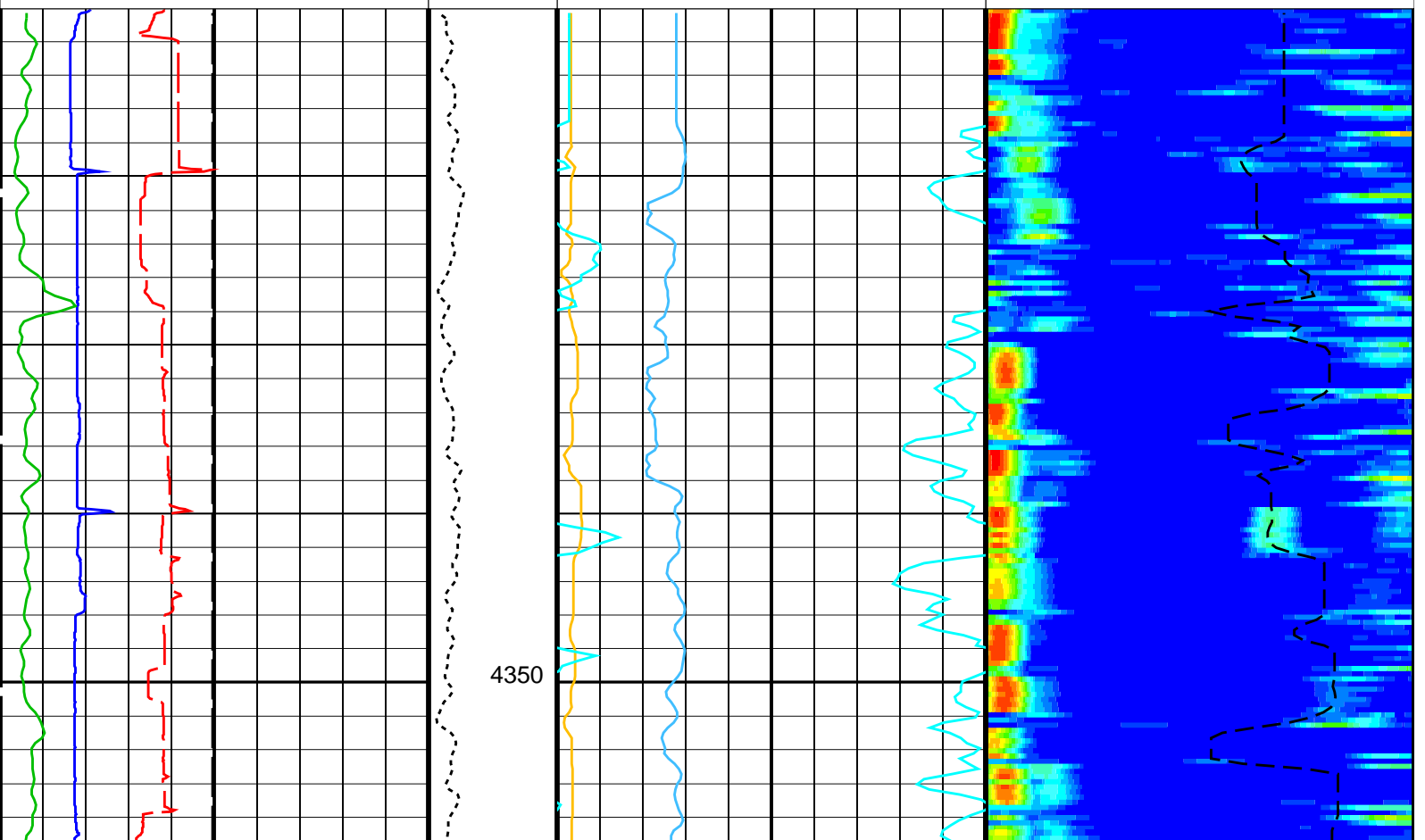
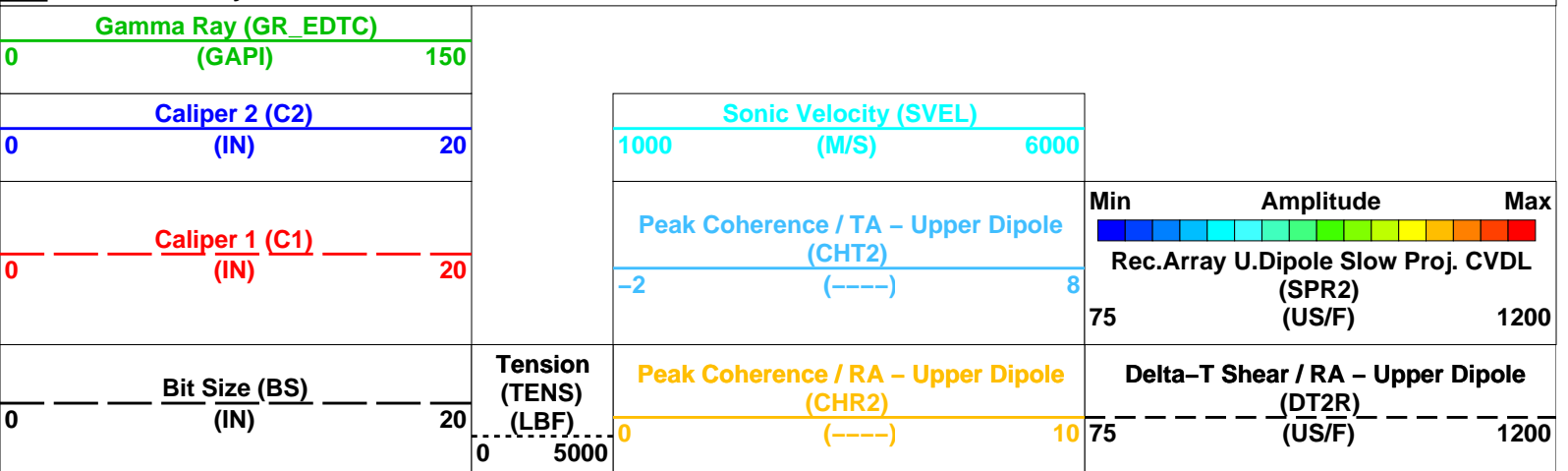
OP System Version: 19C0-187

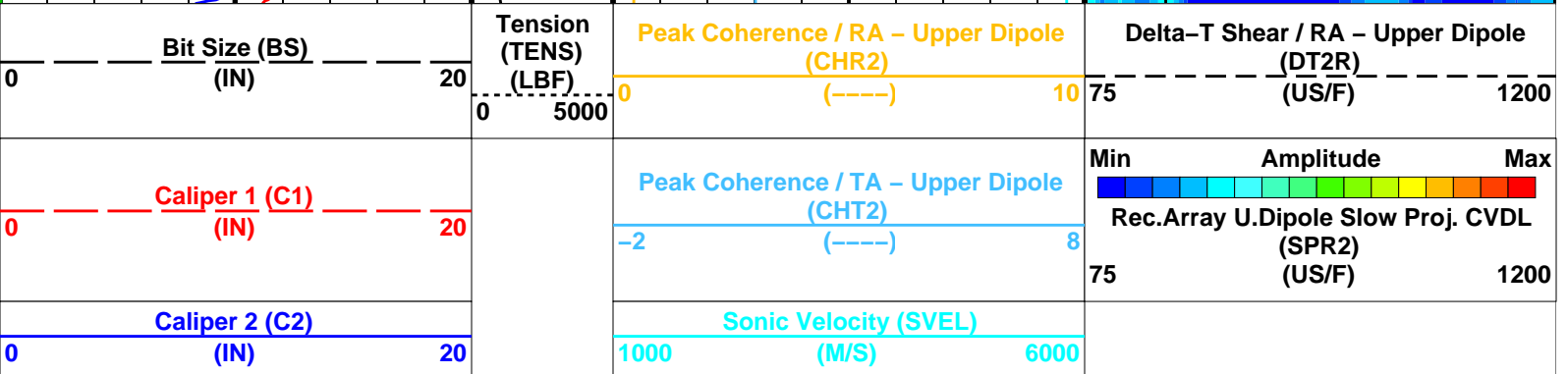
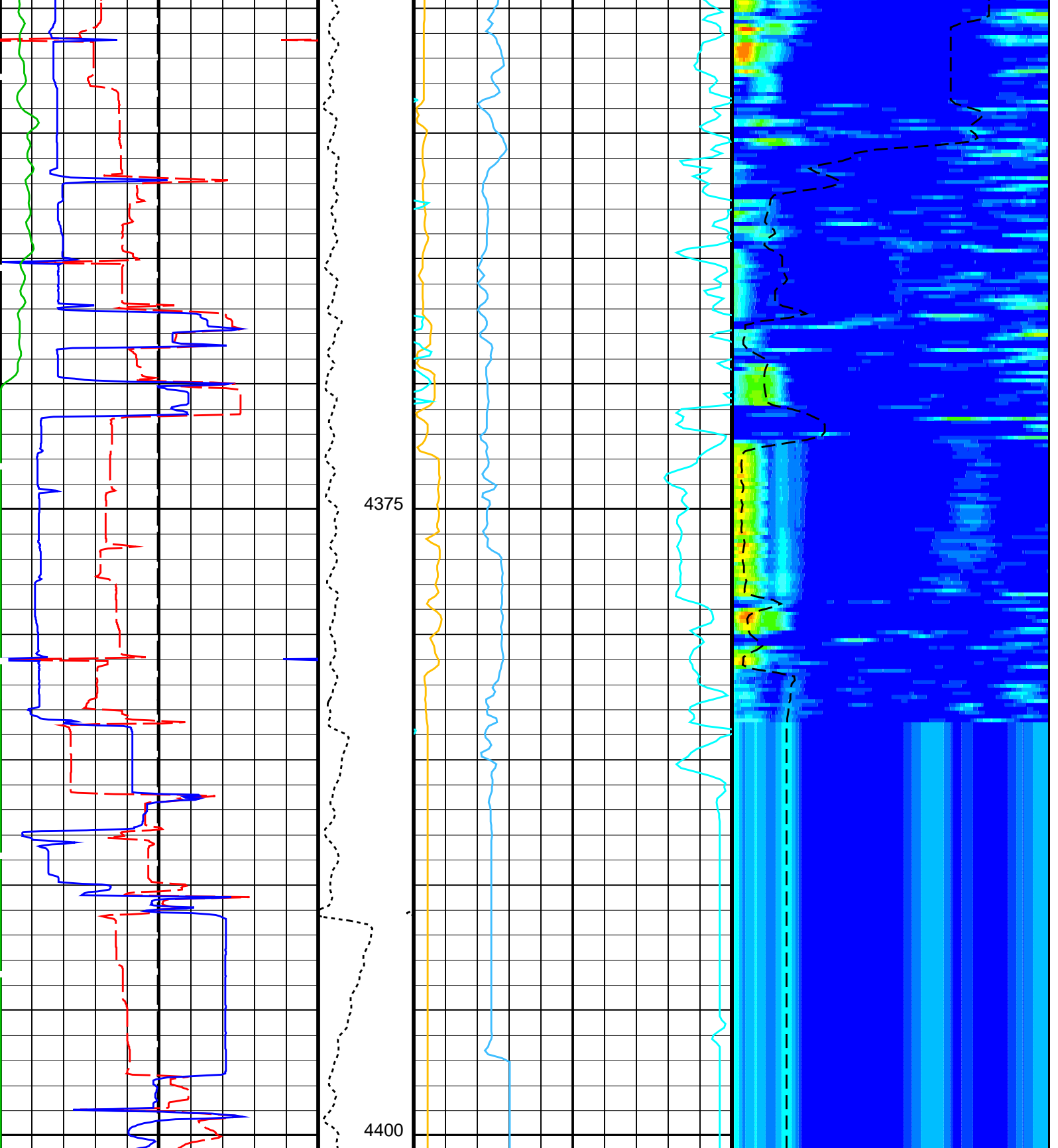
MEST-B 19C0-187
 DSST-B 19C0-187
 HNGS-BA 19C0-187

DTA-A 19C0-187
 HNGC-B 19C0-187
 EDTC-B SKK-5169-EDTCB

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	50	US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	1000	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	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	NORMAL	

Format: DSST_UPPER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25-Jul-2022 14:11

OP System Version: 19C0-187

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

Input DLIS Files

DEFAULT	FMS_DSI_NGS_022LUP	FN:21	PRODUCER	17-Jul-2022 15:56	4400.5 M	4330.0 M
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Output DLIS Files

DEFAULT	FMS_DSI_NGS_048PUP	FN:42	PRODUCER	25-Jul-2022 14:11
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Input DLIS Files

DEFAULT FMS_DSI_NGS_022LUP FN:21 PRODUCER 17-Jul-2022 15:56 4400.5 M 4330.0 M

Output DLIS Files

DEFAULT FMS_DSI_NGS_048PUP FN:42 PRODUCER 25-Jul-2022 14:11 4400.5 M 4330.0 M

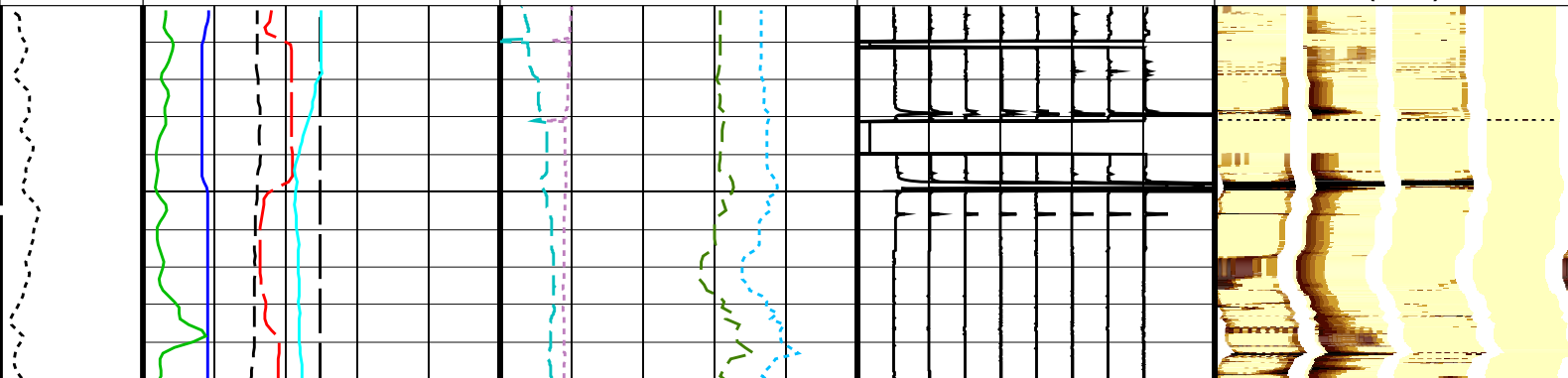
OP System Version: 19C0-187

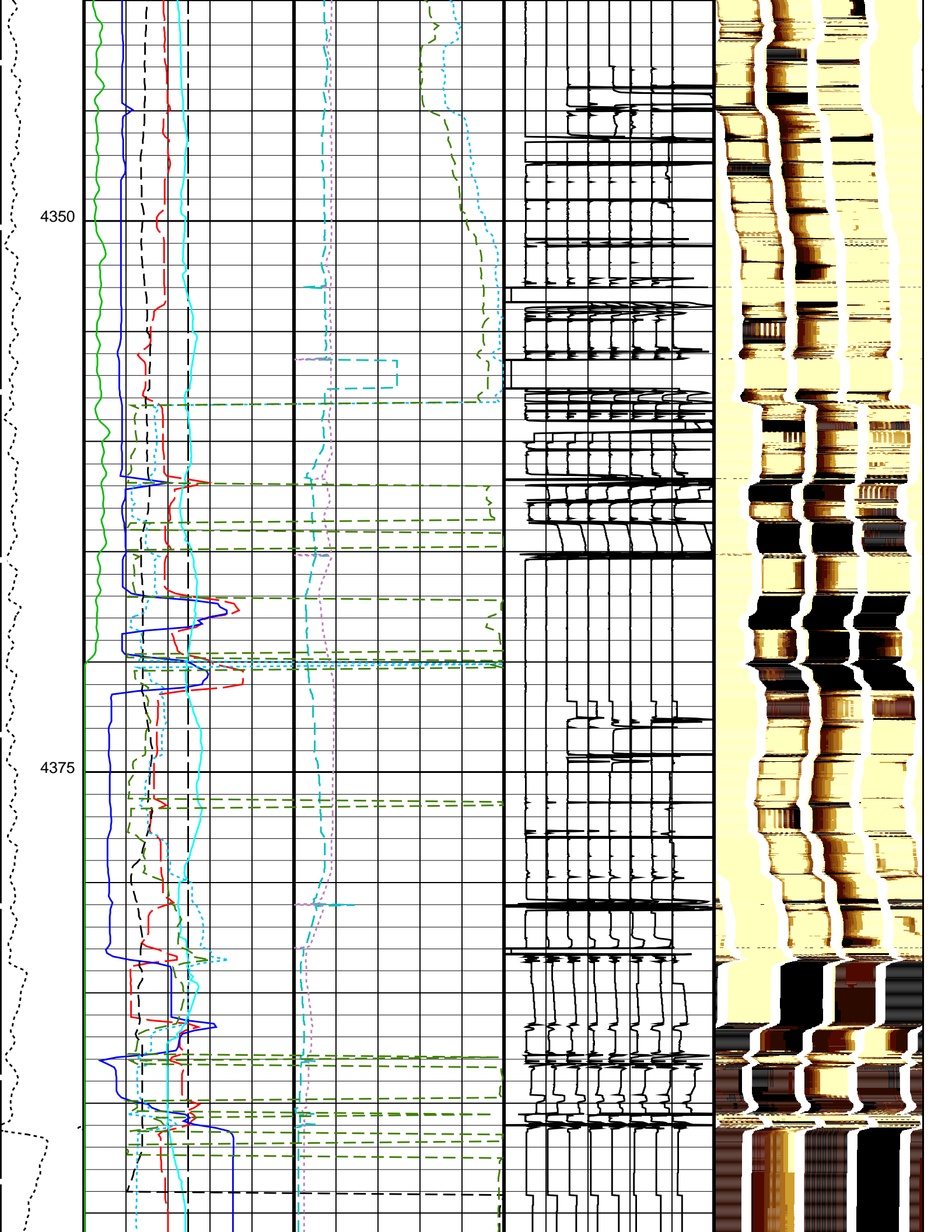
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 DSST-B 19C0-187 HNGC-B 19C0-187
 HNGS-BA 19C0-187 EDTC-B SKK-5169-EDTCB

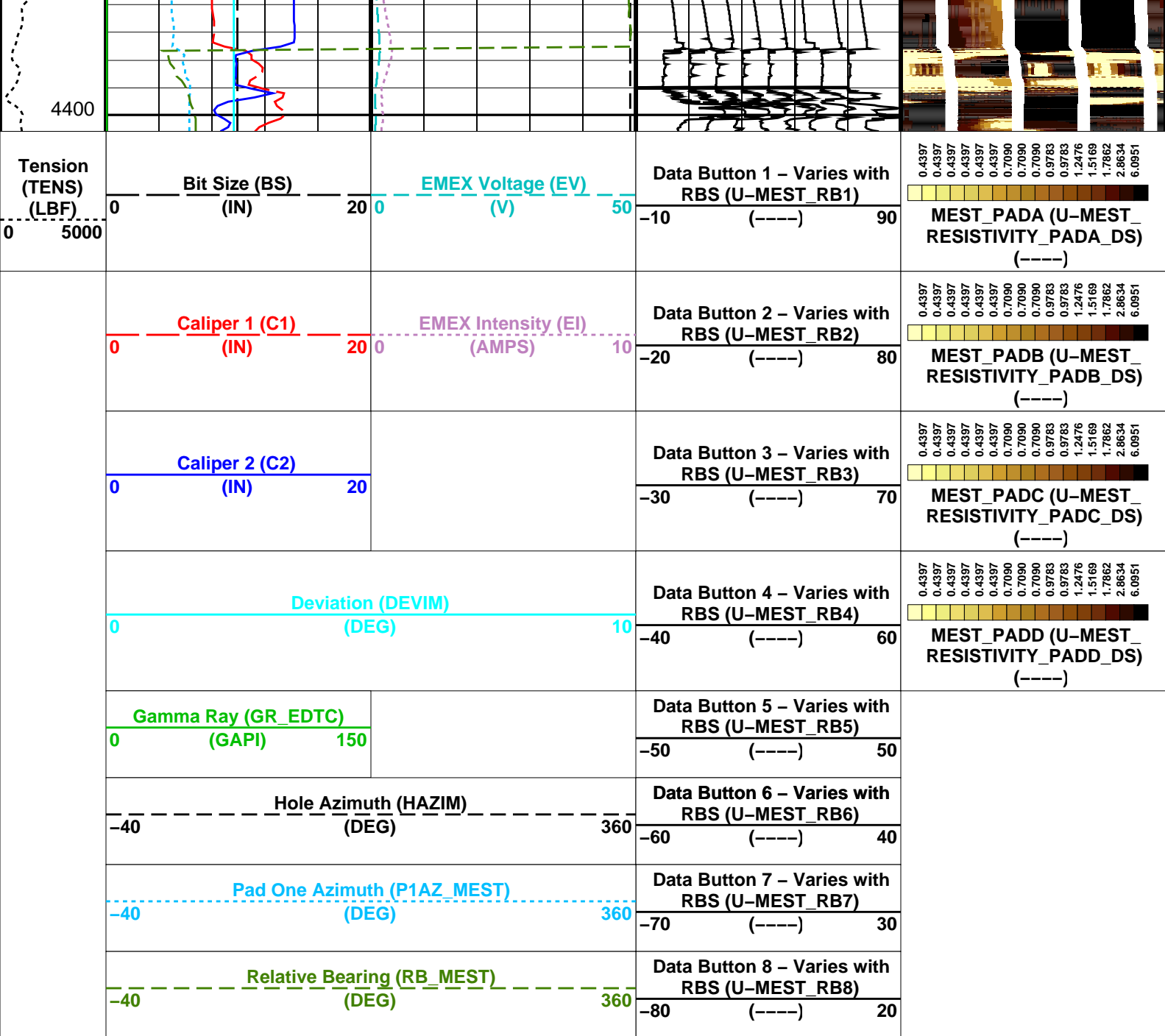
PIP SUMMARY

Time Mark Every 60 S

<p>Relative Bearing (RB_MEST) (DEG)</p> <p>-40 360</p>	<p>Data Button 8 - Varies with RBS (U-MEST_RB8)</p> <p>-80 (----) 20</p>			
<p>Pad One Azimuth (P1AZ_MEST) (DEG)</p> <p>-40 360</p>	<p>Data Button 7 - Varies with RBS (U-MEST_RB7)</p> <p>-70 (----) 30</p>			
<p>Hole Azimuth (HAZIM) (DEG)</p> <p>-40 360</p>	<p>Data Button 6 - Varies with RBS (U-MEST_RB6)</p> <p>-60 (----) 40</p>			
<p>Gamma Ray (GR_EDTC) (GAPI)</p> <p>0 150</p>	<p>Data Button 5 - Varies with RBS (U-MEST_RB5)</p> <p>-50 (----) 50</p>			
<p>Deviation (DEVIM) (DEG)</p> <p>0 10</p>	<p>Data Button 4 - Varies with RBS (U-MEST_RB4)</p> <p>-40 (----) 60</p>	<p>0.4397 0.4397 0.4397 0.4397 0.4397 0.7090 0.7090 0.7090 0.9783 0.9783 1.2476 1.5169 1.7862 2.8634 6.0951</p> <p>MEST_PADD (U-MEST_RESISTIVITY_PADD_DS)</p> <p>(----)</p>		
<p>Caliper 2 (C2) (IN)</p> <p>0 20</p>	<p>Data Button 3 - Varies with RBS (U-MEST_RB3)</p> <p>-30 (----) 70</p>	<p>0.4397 0.4397 0.4397 0.4397 0.4397 0.7090 0.7090 0.7090 0.9783 0.9783 1.2476 1.5169 1.7862 2.8634 6.0951</p> <p>MEST_PADC (U-MEST_RESISTIVITY_PADC_DS)</p> <p>(----)</p>		
<p>Caliper 1 (C1) (IN)</p> <p>0 20</p>	<p>EMEX Intensity (EI) (AMPS)</p> <p>0 10</p>	<p>Data Button 2 - Varies with RBS (U-MEST_RB2)</p> <p>-20 (----) 80</p>	<p>0.4397 0.4397 0.4397 0.4397 0.4397 0.7090 0.7090 0.7090 0.9783 0.9783 1.2476 1.5169 1.7862 2.8634 6.0951</p> <p>MEST_PADB (U-MEST_RESISTIVITY_PADB_DS)</p> <p>(----)</p>	
<p>Tension (TENS) (LBF)</p> <p>0 5000</p>	<p>Bit Size (BS) (IN)</p> <p>0 20</p>	<p>EMEX Voltage (EV) (V)</p> <p>0 50</p>	<p>Data Button 1 - Varies with RBS (U-MEST_RB1)</p> <p>-10 (----) 90</p>	<p>0.4397 0.4397 0.4397 0.4397 0.4397 0.7090 0.7090 0.7090 0.9783 0.9783 1.2476 1.5169 1.7862 2.8634 6.0951</p> <p>MEST_PADA (U-MEST_RESISTIVITY_PADA_DS)</p> <p>(----)</p>







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	-24.2209 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	NORMAL

Format: MEST_C_WRAP_BY_P1AZ Vertical Scale: 1:200

Graphics File Created: 25-Jul-2022 14:11

OP System Version: 19C0-187

Input DLIS Files

DEFAULT FMS_DSI_NGS_022LUP FN:21 PRODUCER 17-Jul-2022 15:56 4400.5 M 4330.0 M

Output DLIS Files

DEFAULT FMS_DSI_NGS_048PUP FN:42 PRODUCER 25-Jul-2022 14:11



Callibrations

MAXIS Field Log

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
Micro Electrical Scanner – B (Slim) Wellsite Calibration – Caliper Calibration							
Before: Calibration out of date 18-Feb-2022 19:47							
Caliper 1 Zero Measurement	12.00	N/A	12.63	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	12.00	N/A	12.77	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.20	N/A	15.78	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.20	N/A	15.76	N/A	N/A	N/A	IN
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: 17-Jul-2022 11:57							
TEMPERATURE REFERENCE :	N/A	N/A	20	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	99	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	743	N/A	N/A	N/A	
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET MAGNETOMETER PROM HAS BEEN READ CORRECTLY							
Before: 17-Jul-2022 11:57							
TEMPERATURE REFERENCE :	N/A	N/A	23	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	9	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	507	N/A	N/A	N/A	
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 1 Check							
Master: Calibration out of date 2-May-2021 11:41 Before: 17-Jul-2022 12:08							
Na 511 Peak Loc	40.00	38.51	39.61	N/A	N/A	1.000	
Na 511 Peak Res	15.50	16.08	15.59	N/A	N/A	2.000	%
High Voltage	1150	1210	1197	N/A	N/A	N/A	V
Na 1785 Peak Loc	142.6	140.8	142.9	N/A	N/A	7.000	
Na 1785 Peak Res	8.500	9.038	8.772	N/A	N/A	2.000	%
Temperature	15.50	27.21	21.42	N/A	N/A	N/A	DEGC
Na Count Rate	45.00	10.57	7.155	N/A	N/A	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 2 Check							
Master: Calibration out of date 2-May-2021 11:41 Before: 17-Jul-2022 12:08							
Na 511 Peak Loc	40.00	39.36	40.33	N/A	N/A	1.000	
Na 511 Peak Res	15.50	16.98	14.74	N/A	N/A	2.000	%
High Voltage	1150	1089	1081	N/A	N/A	N/A	V
Na 1785 Peak Loc	142.6	142.8	145.3	N/A	N/A	7.000	
Na 1785 Peak Res	8.500	9.374	7.788	N/A	N/A	2.000	%
Temperature	15.50	26.50	20.93	N/A	N/A	N/A	DEGC
Na Count Rate	45.00	10.57	7.223	N/A	N/A	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Ratio Of Detector 1 To Detector 2							
Master: Calibration out of date 2-May-2021 11:41 Before: 17-Jul-2022 12:08							
Coincidence Count Rate Ratio	1.000	0.9991	0.9903	N/A	N/A	0.05000	

Enhanced DTS Cartridge Wellsite Calibration – EDTC Accelerometer Calibration

Before: Calibration out of date 5-May-2022 8:27

EDTC Z-Axis Acceleration	9.810	N/A	9.778	N/A	N/A	N/A	M/S2
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Enhanced DTS Cartridge Wellsite Calibration – Detector Calibration

Before: Calibration out of date 4-May-2022 20:05

Gamma Ray (Jig – Bkg)	113.5	N/A	113.5	N/A	N/A	10.31	GAPI
Gamma Ray (Calibrated)	165.0	N/A	165.0	N/A	N/A	15.00	GAPI

Micro Electrical Scanner – B (Slim) / Equipment Identification

Primary Equipment:

MEST Sonde – B	MEDS – B	724
MEST Preamplifier Cartridge – AB	MEPC – AB	806
GPIT Cartridge – AC	GPIC – AC	840
MEST Acquisition Cartridge – A	MEAC – A	804

Auxiliary Equipment:

MEST-B Preamplifier Cartridge Housing	MEPH – A	701
MEST Acquisition Cartridge Housing (Slim)	MEAH – B	769

Hostile Natural Gamma Ray Cartridge – B / Equipment Identification

Primary Equipment:

HNGC Cartridge	HNGC – B	300
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Auxiliary Equipment:

HNGC Housing	HNGH – A	115
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Hostile Natural Gamma Ray Sonde / Equipment Identification

Primary Equipment:

HNGS Sonde	HNGS – BA	177
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Auxiliary Equipment:

HNGS Sonde Housing	HNSH – BA	174
Gamma Source Radioactive	GSR – U	6098

Hostile Natural Gamma Ray Sonde Wellsite Calibration

Detector 1 Check

Phase	Na 511 Peak Loc	Value	Phase	Na 511 Peak Res %	Value	Phase	High Voltage V	Value
Master		38.51	Master		16.08	Master		1210
Before		39.61	Before		15.59	Before		1197
	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		140.8	Master		9.038	Master		27.21
Before		142.9	Before		8.772	Before		21.42
	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		10.57						
Before		7.155						
	10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)							
Master: Calibration out of date 2-May-2021 11:41			Before: 17-Jul-2022 12:08					

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		39.36	Master		16.98	Master		1089

Before	37.50 (Minimum)	40.00 (Nominal)	43.50 (Maximum)	40.33	Before	12.00 (Minimum)	15.50 (Nominal)	19.00 (Maximum)	14.74	Before	900.0 (Minimum)	1150 (Nominal)	1600 (Maximum)	1081
Phase	Na 1785 Peak Loc			Value	Phase	Na 1785 Peak Res %			Value	Phase	Temperature DEGC			Value
Master				142.8	Master				9.374	Master				26.50
Before				145.3	Before				7.788	Before				20.93
	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				10.57										
Before				7.223										
	10.00 (Minimum)	45.00 (Nominal)	100.0 (Maximum)											
Master: Calibration out of date 2-May-2021 11:41 Before: 17-Jul-2022 12:08														

Hostile Natural Gamma Ray Sonde Wellsite Calibration			
Ratio Of Detector 1 To Detector 2			
Phase	Coincidence Count Rate Ratio	Value	
Master		0.9991	
Before		0.9903	
	0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)
Master: Calibration out of date 2-May-2021 11:41			
Before: 17-Jul-2022 12:08			

Enhanced DTS Cartridge / Equipment Identification			
Primary Equipment:			
EDTC Gamma Ray Detector	EDTG - A/B	77693	
Enhanced DTS Cartridge	EDTC - B	8529	
Auxiliary Equipment:			
EDTC Housing	EDTH - B	8528	

Enhanced DTS Cartridge Wellsite Calibration			
EDTC Accelerometer Calibration			
Phase	EDTC Z-Axis Acceleration M/S2	Value	
Before		9.778	
	9.610 (Minimum)	9.810 (Nominal)	10.01 (Maximum)
Before: Calibration out of date 5-May-2022 8:27			

Enhanced DTS Cartridge Wellsite Calibration														
Detector Calibration														
Phase	Gamma Ray Background GAPI			Value	Phase	Gamma Ray (Jig - Bkg) GAPI			Value	Phase	Gamma Ray (Calibrated) GAPI			Value
Before				1.703	Before				113.5	Before				165.0
	0 (Minimum)	30.00 (Nominal)	120.0 (Maximum)			103.1 (Minimum)	113.5 (Nominal)	123.8 (Maximum)			150.0 (Minimum)	165.0 (Nominal)	180.0 (Maximum)	
Before: Calibration out of date 4-May-2022 20:05														

Company: International Ocean Discovery Program



Well: Expedition 393, Site U1583F

Field: South Atlantic Transect II

Rig: **JOIDES Resolution**
Country: **South Africa**

FMS/DSI
Natural Gamma (HNGS)