

Run 3	Run 4

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

OS1: MSS, HRLA, APS
OS2: HNGS, FMS, HLDS
OS3: VSI

Site U0080, client designation USC 080, was cored for exploration using the RCB system.
This site is subcontracted to Shell from LDEO, not a standard USIO/IODP site!
DSI Modes Recorded: Lower Dipole Std. Freq., Upper Dipole Low Freq., Stoneley, and P&S.
Tool centralized using modified MCD chasis as inline centralizers, as per tool sketch.
Logs recorded from Drill Floor, but played back with zero reference at sea bed for compatibility with core data.
Logs referenced to HRLA Resistivity from first run in this hole, recorded on 21 AUG 12.
Heave compensation was not required due to exceptionally calm sea state and favorable weather during logging.
TD was not tagged in order to avoid potentention sticking risk associated with dropped RCB bit.
Downlog taken to be first pass with uplog taken to be second (main) pass in the interest of time.

SERVICE ORDER #: PROGRAM VERSION: 19C0-187 FLUID LEVEL:			SERVICE ORDER #: PROGRAM VERSION: FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

RUN 1 RUN 2

WITM (EDTS)-A

Sample	Method	Value
LEH-MT	MDSB	23.17
LEH-MT 101		22.21
EDTC-B	EDTC	22.21
EDTH-B 8528	CTEM	21.14
EDTC-B 8529	Gamma Ray	20.57

20.22

AH-MCD-TOP
AH-MCD-TOP 1

20.22

DSST-B
SPAC-B 8194
ECH-SD 8183
SMDR-BD 8070
SSIJ-BA 8204
SMDX-AA 8147

17.95

PWF

2.40

AH-MCD-BOT
AH-MCD-BOT 2

2.40

BNS-CCS

DF ACCZ
Tension HV_

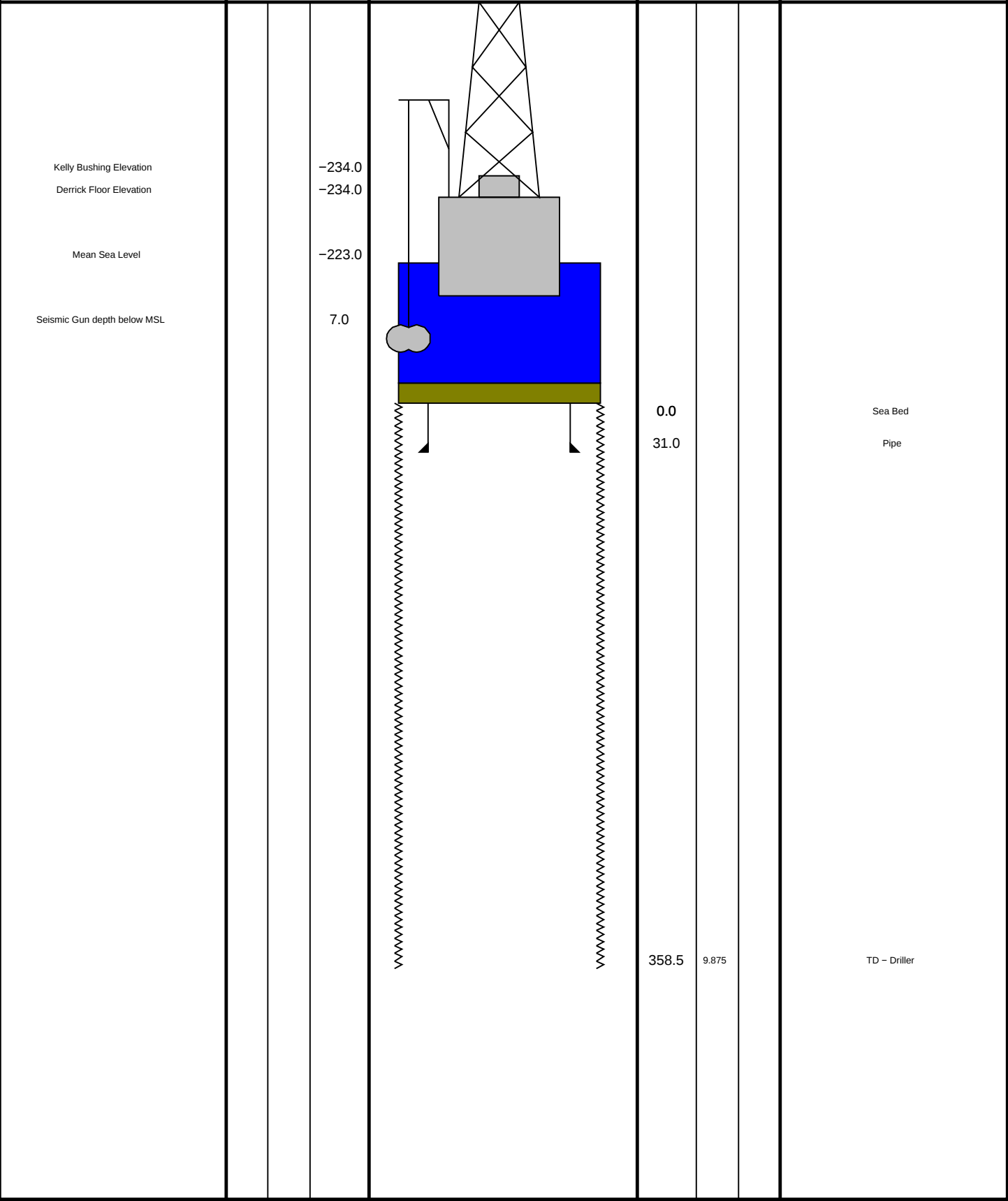
0.00

0.14

TOOL ZERO

MAXIMUM STRING DIAMETER 4.50 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

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





Main Log

MAXIS Field Log

Input DLIS Files

DEFAULT	DSI_036LUP	FN:43	PRODUCER	22-Aug-2012 10:49	584.9 M	241.4 M
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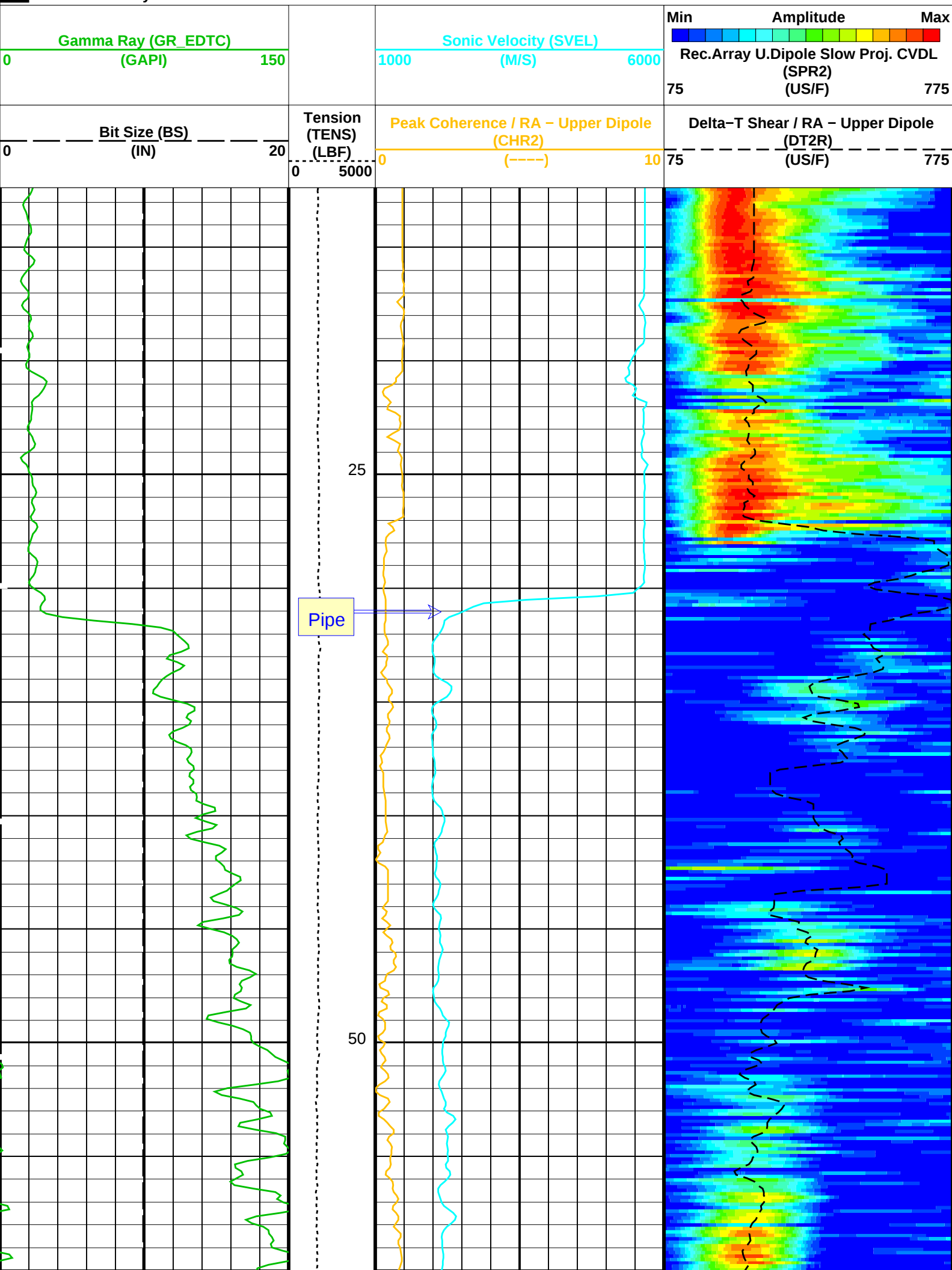
Output DLIS Files

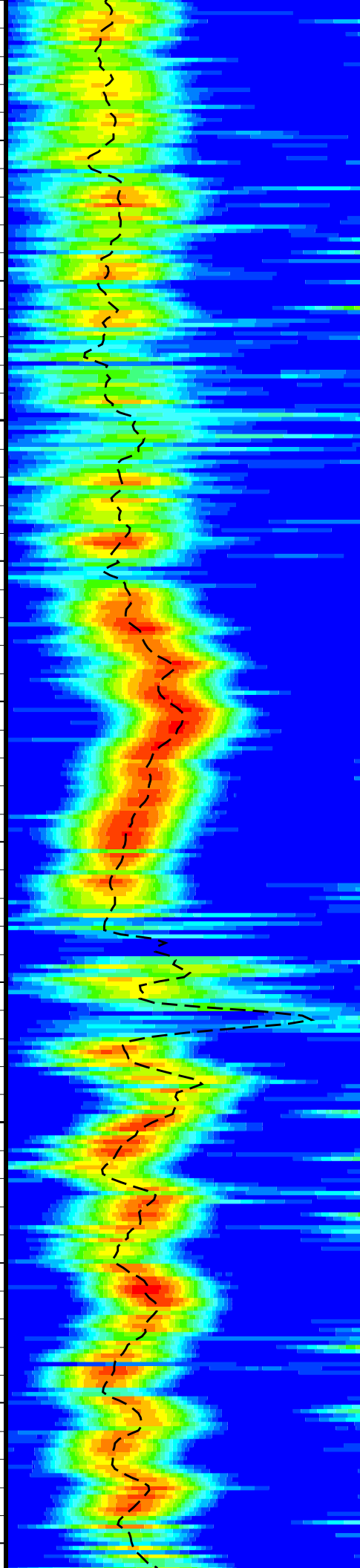
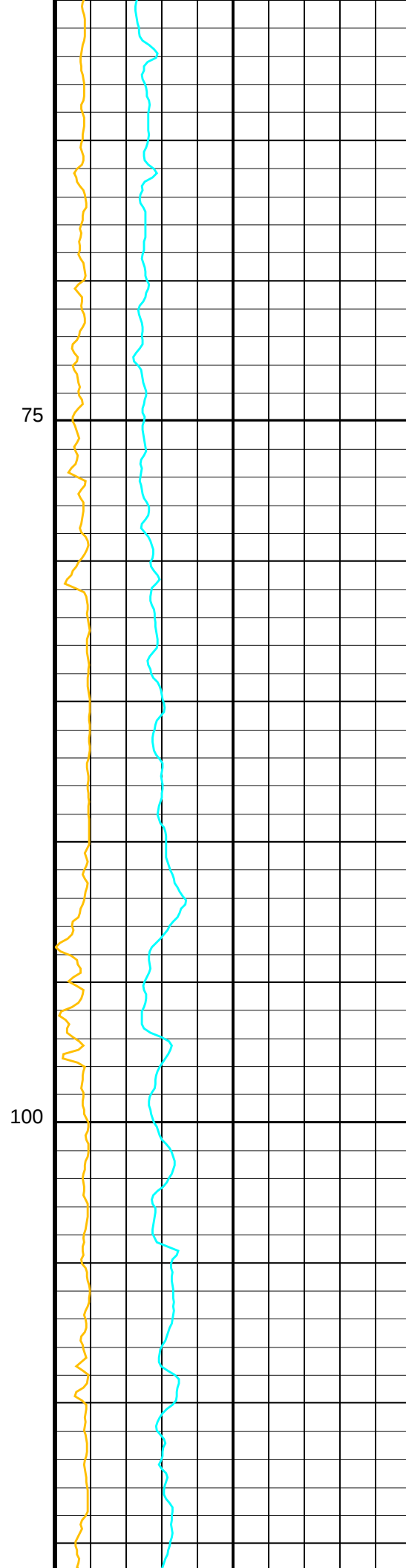
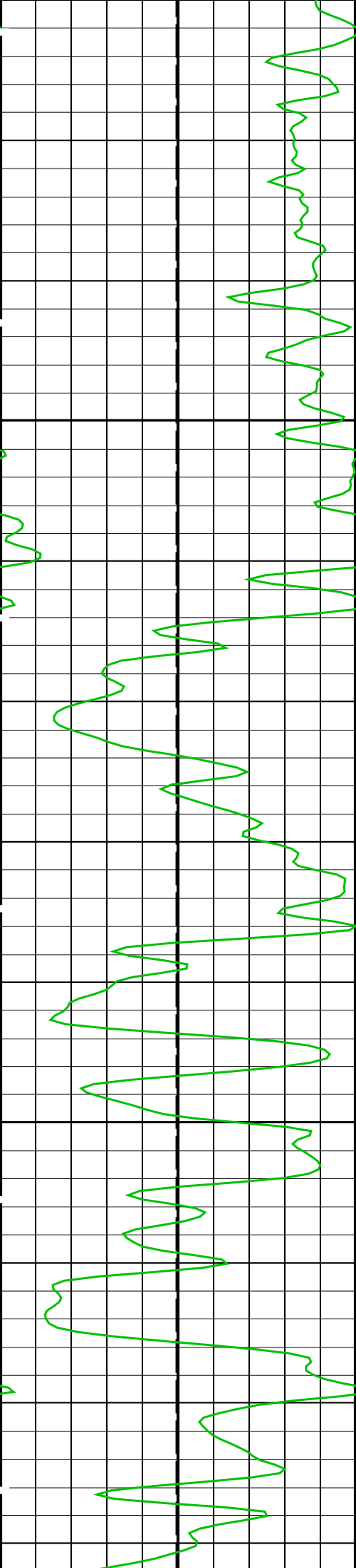
DEFAULT	DSI_072PUP	FN:89	PRODUCER	25-Aug-2012 13:33	355.9 M	12.3 M
CLIENT	DSI_072PUC	FN:90	CUSTOMER	25-Aug-2012 13:33	355.9 M	12.3 M

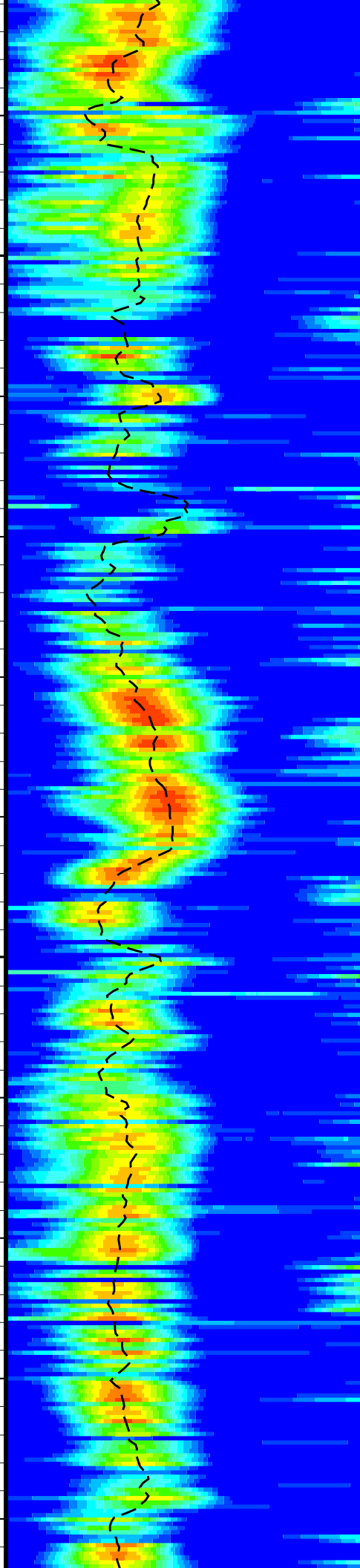
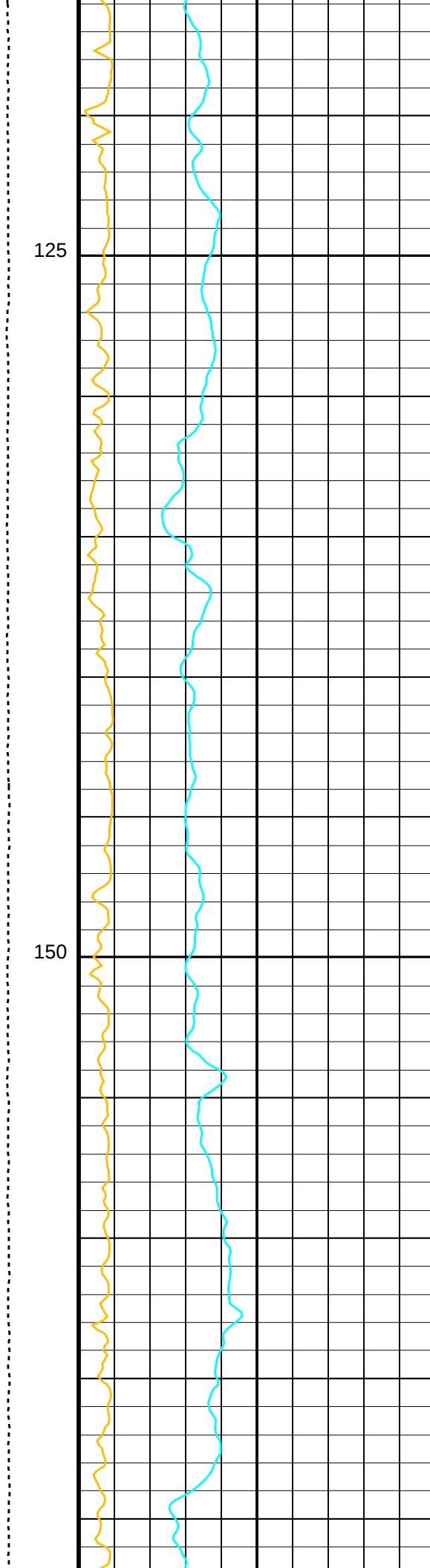
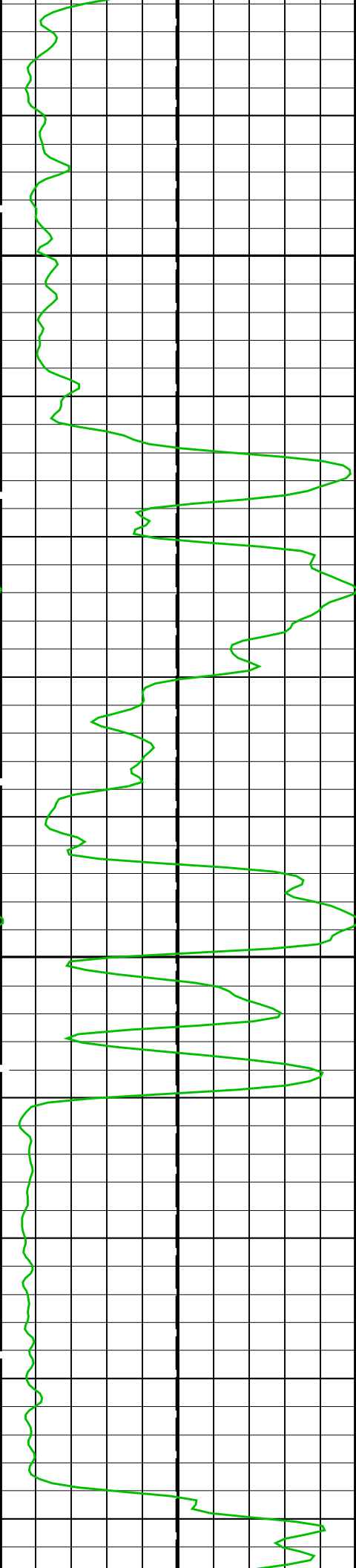
OP System Version: 19C0-187

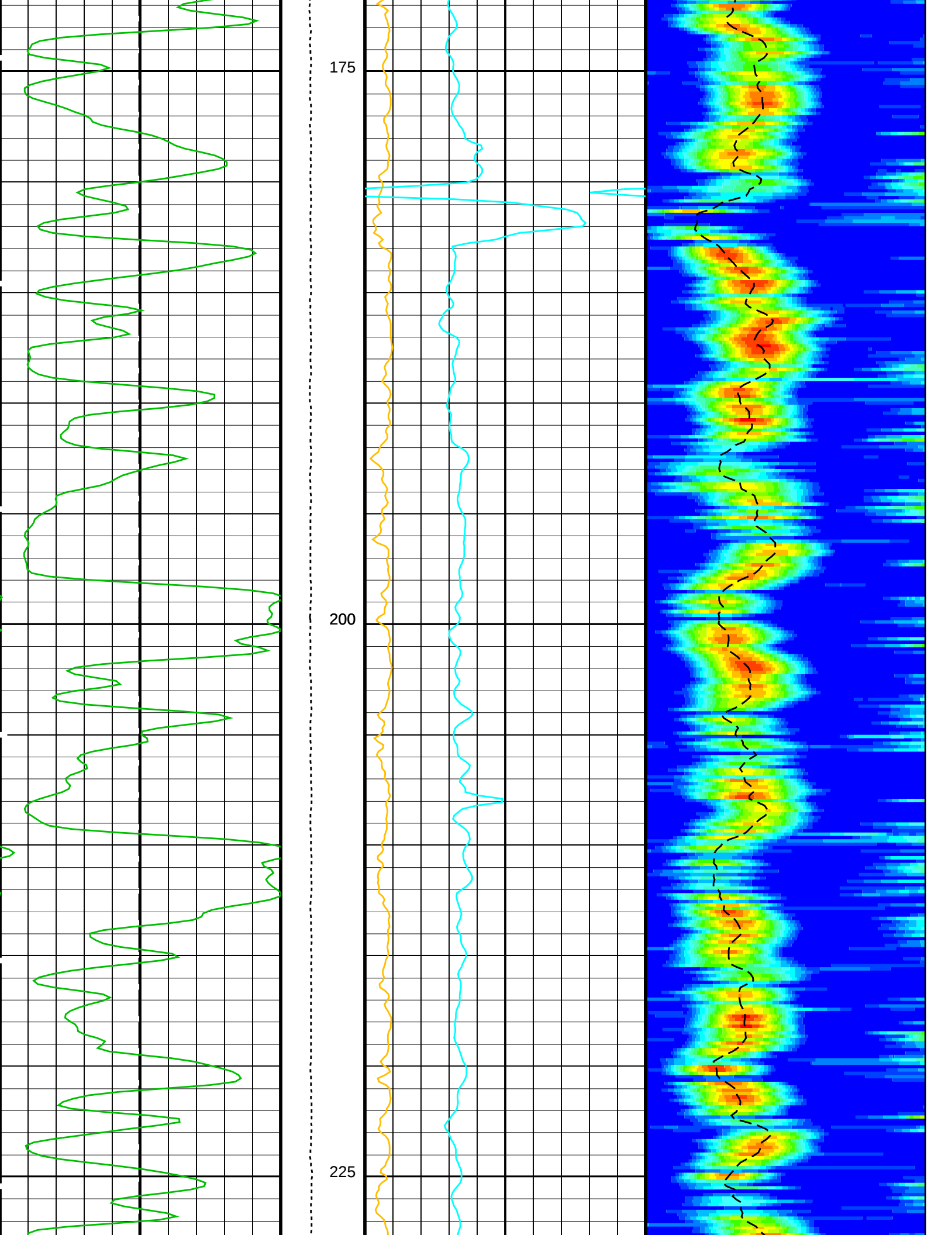
DSST-B	19C0-187	EDTC-B	SKK-5169-EDTCB
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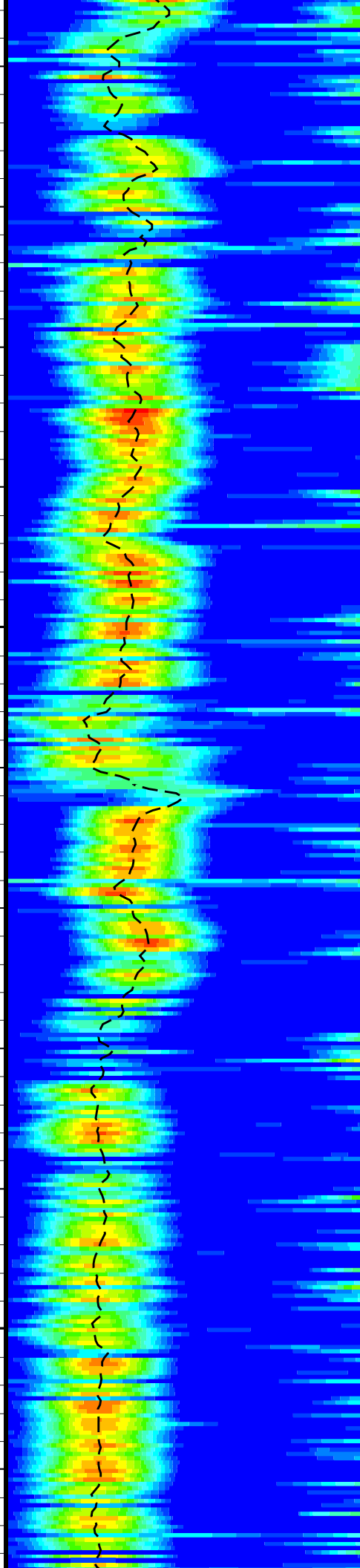
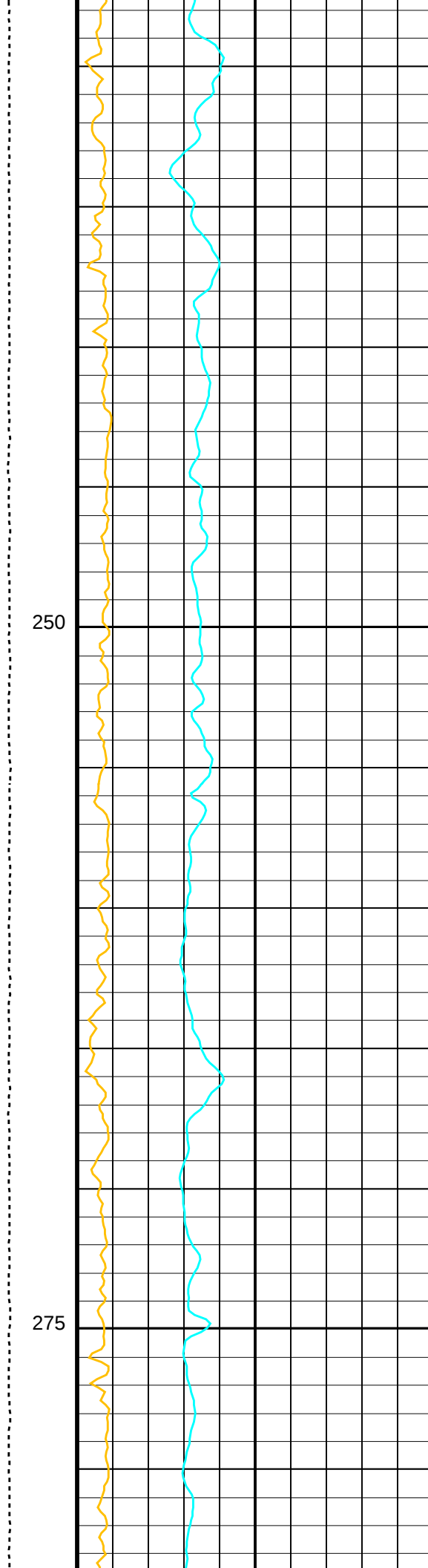
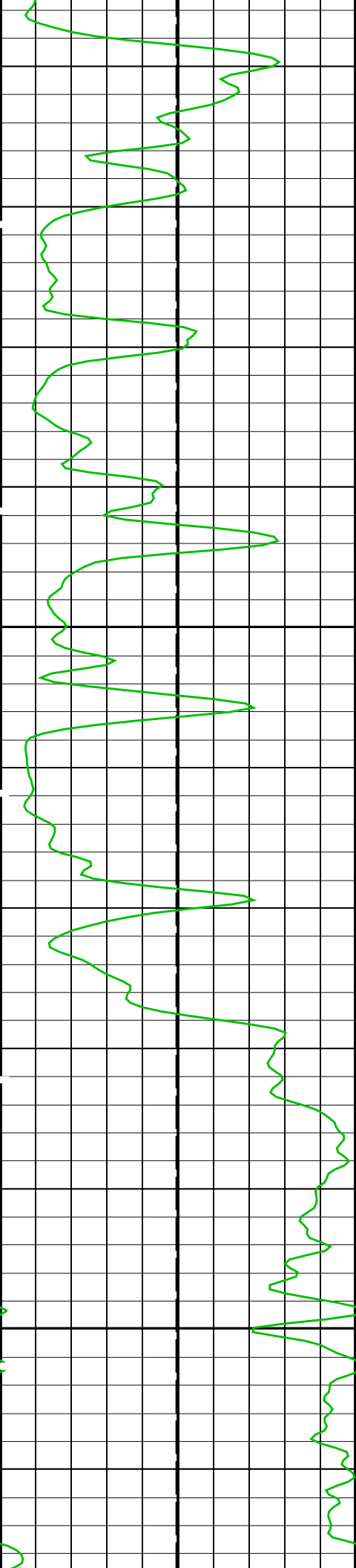
PIP SUMMARY

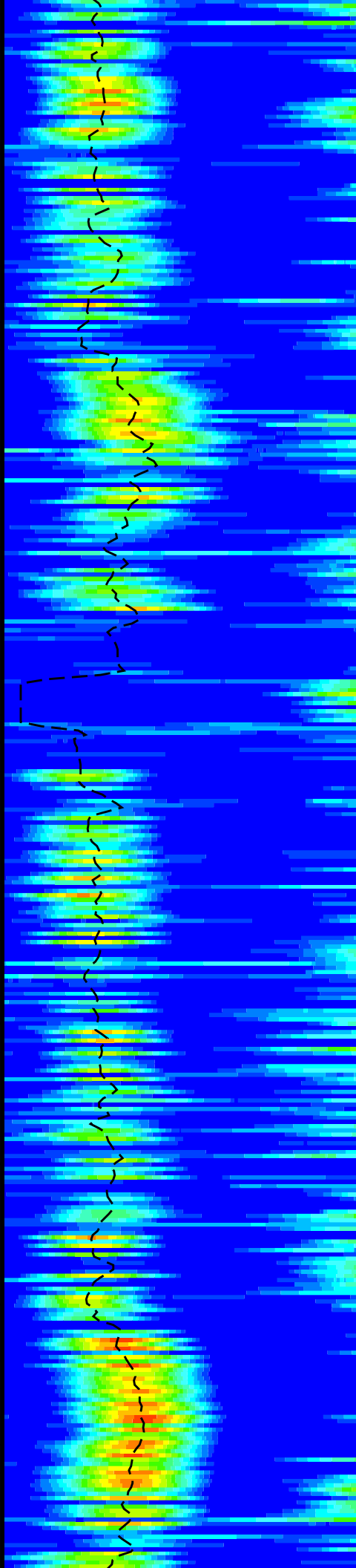
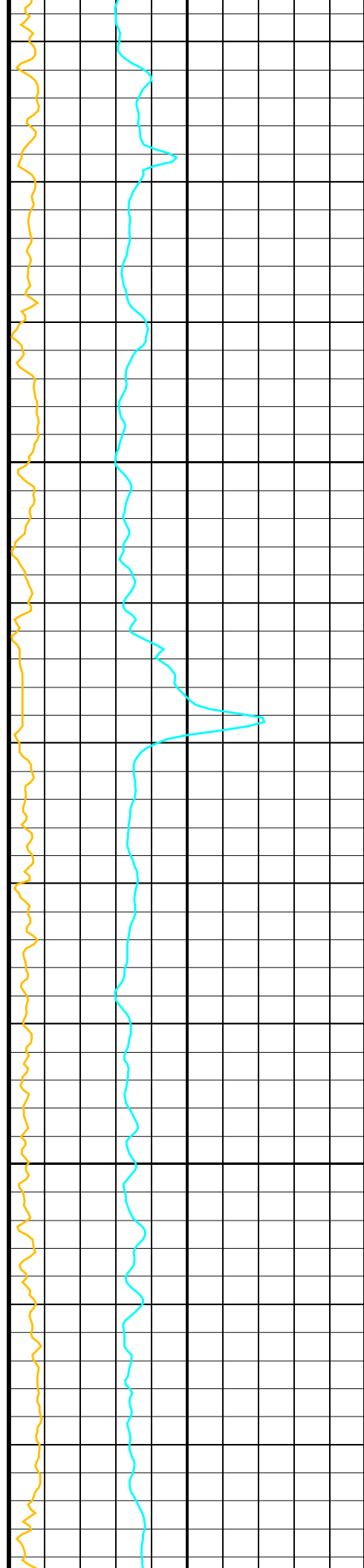
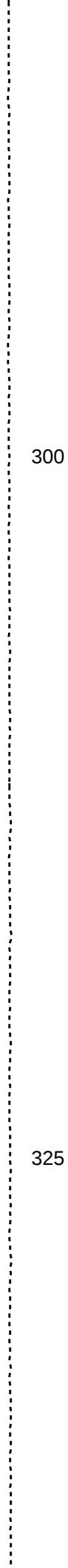
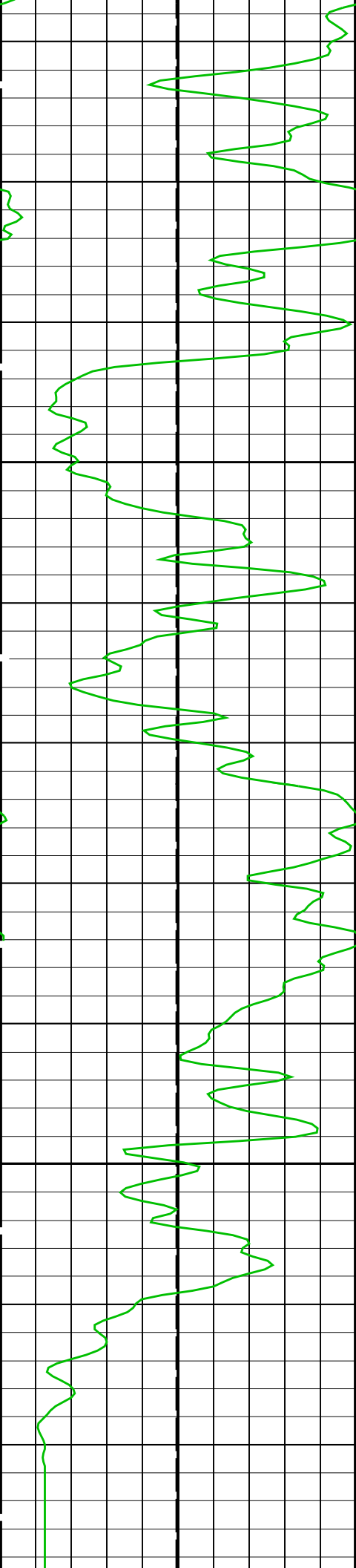


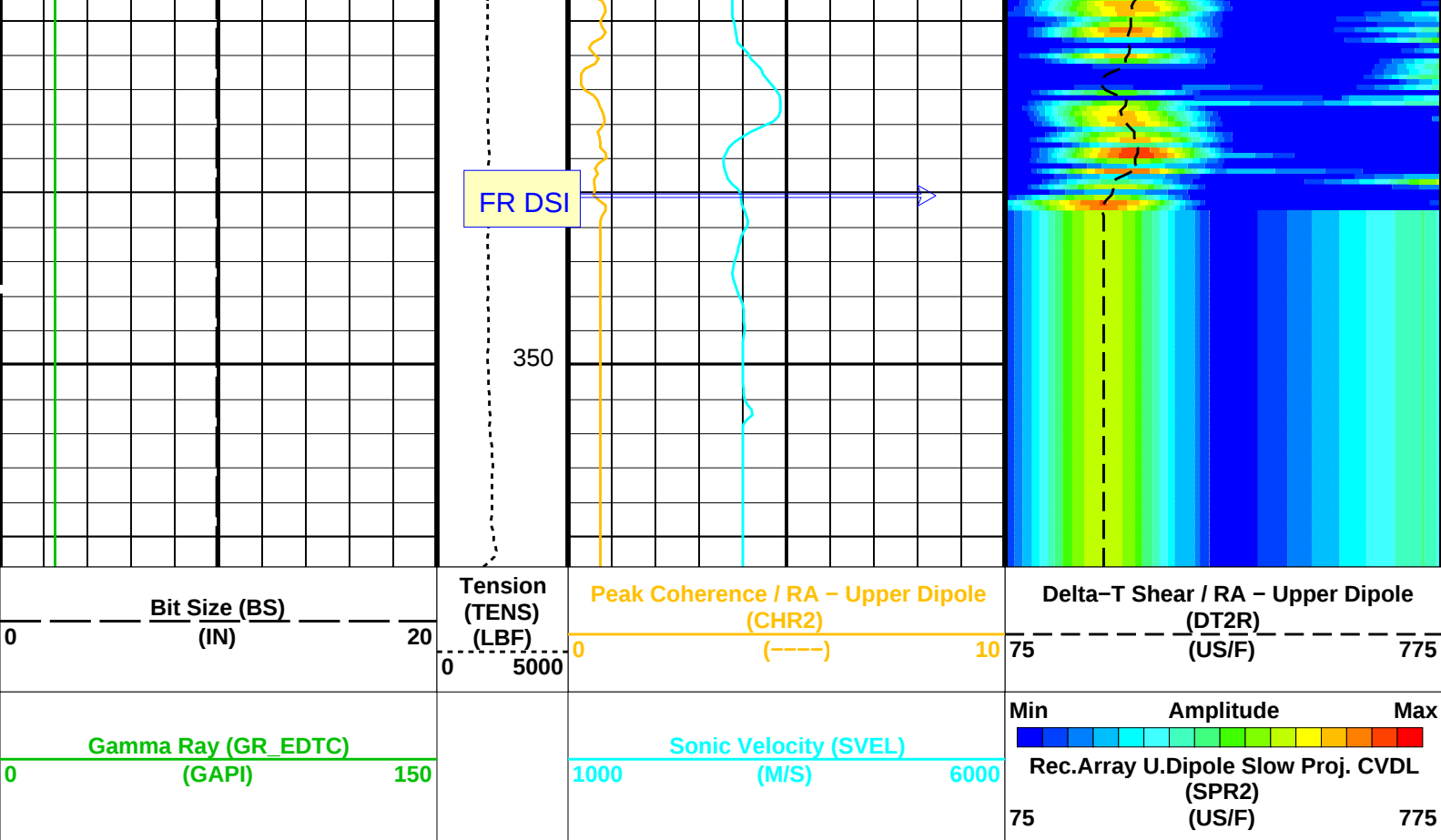












PIP SUMMARY

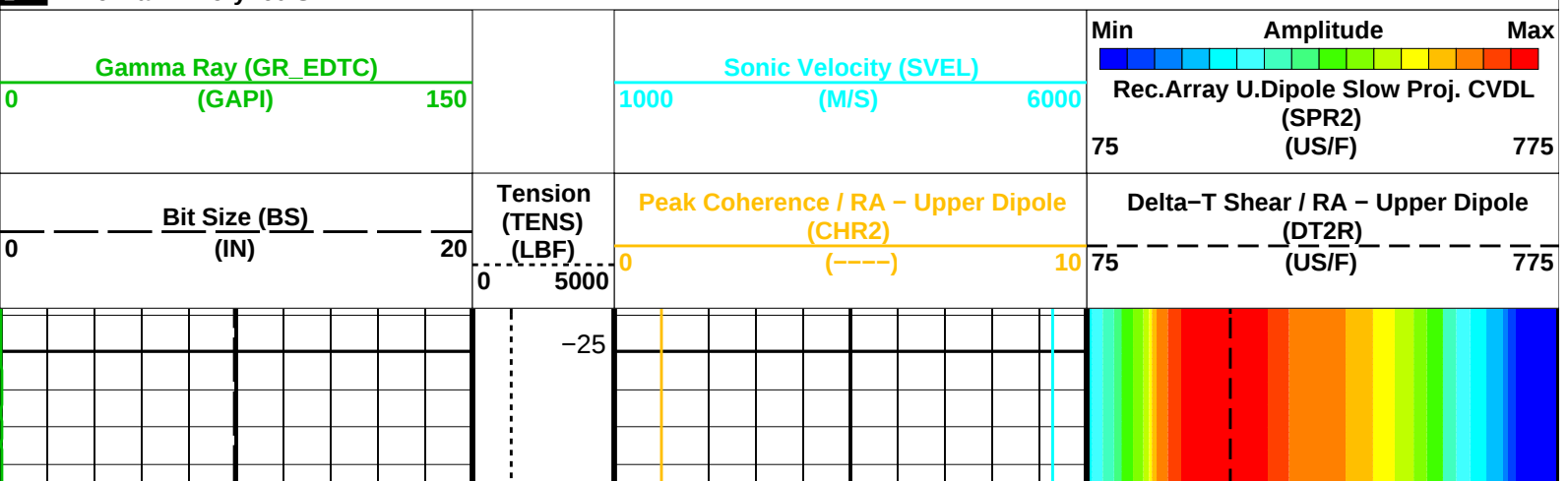
Time Mark Every 60 S

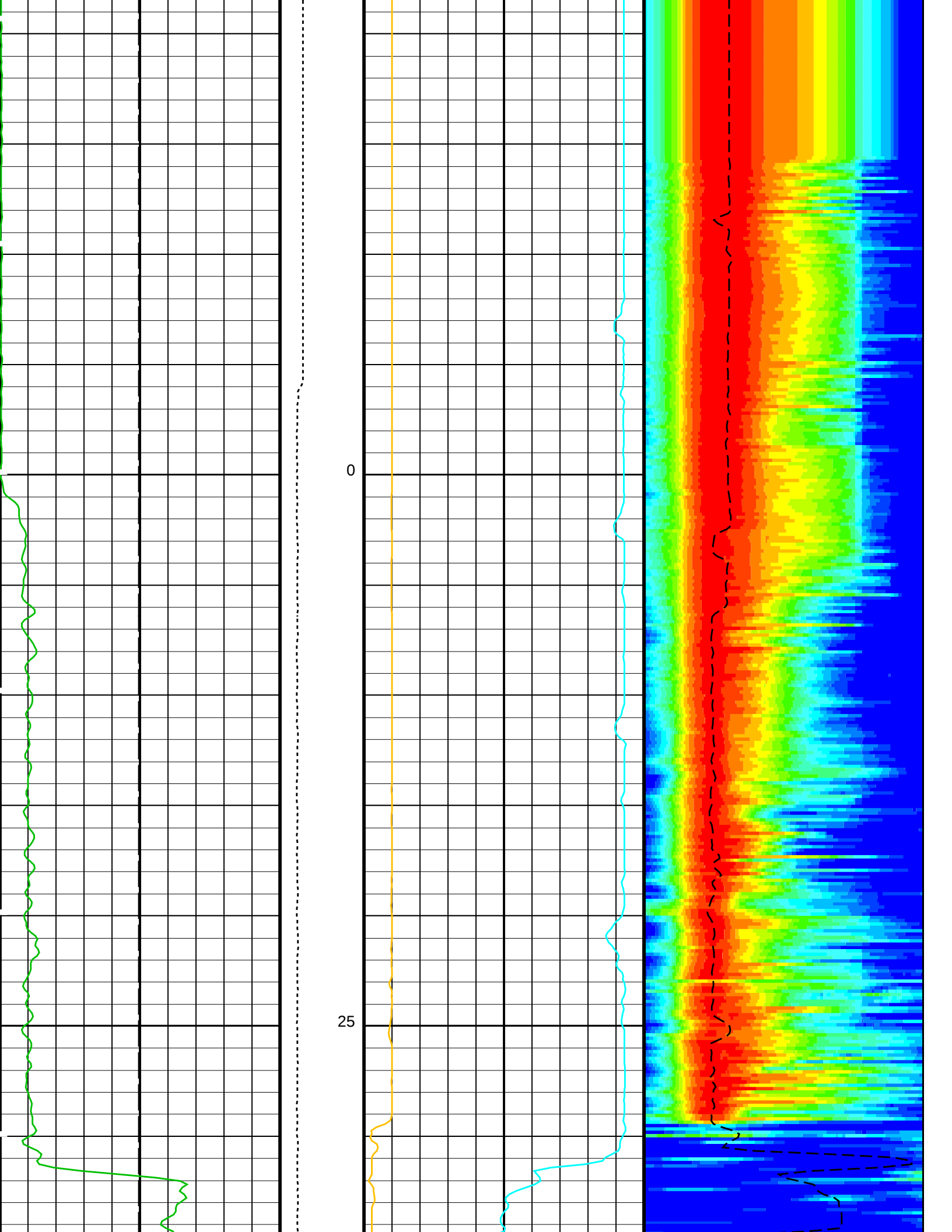
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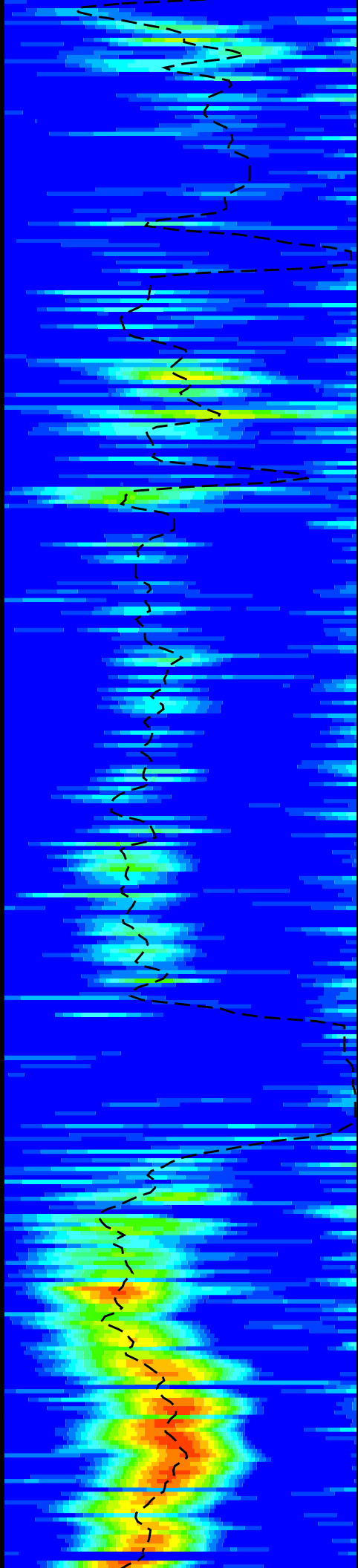
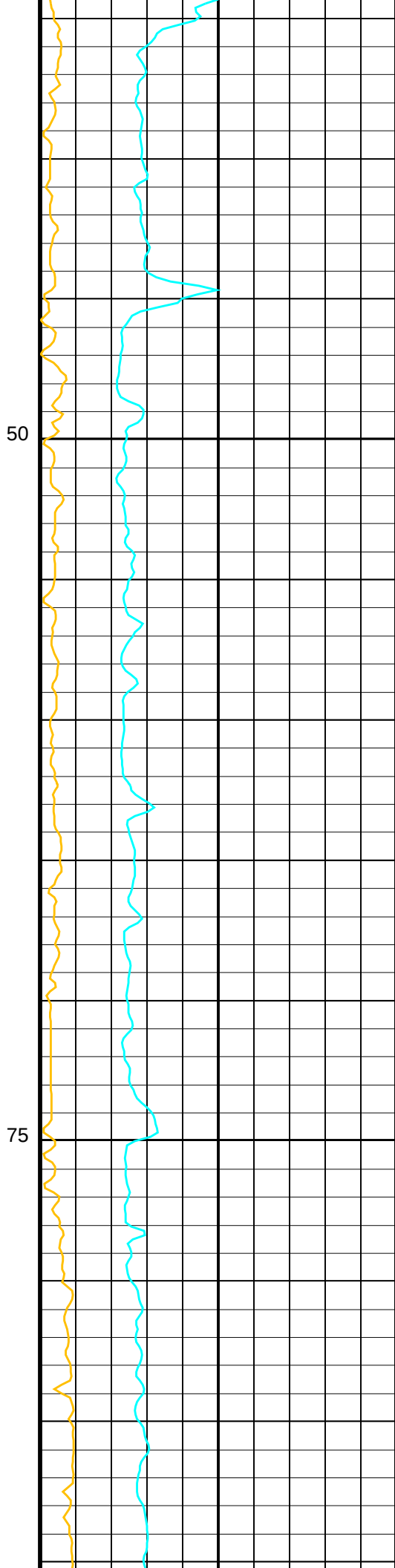
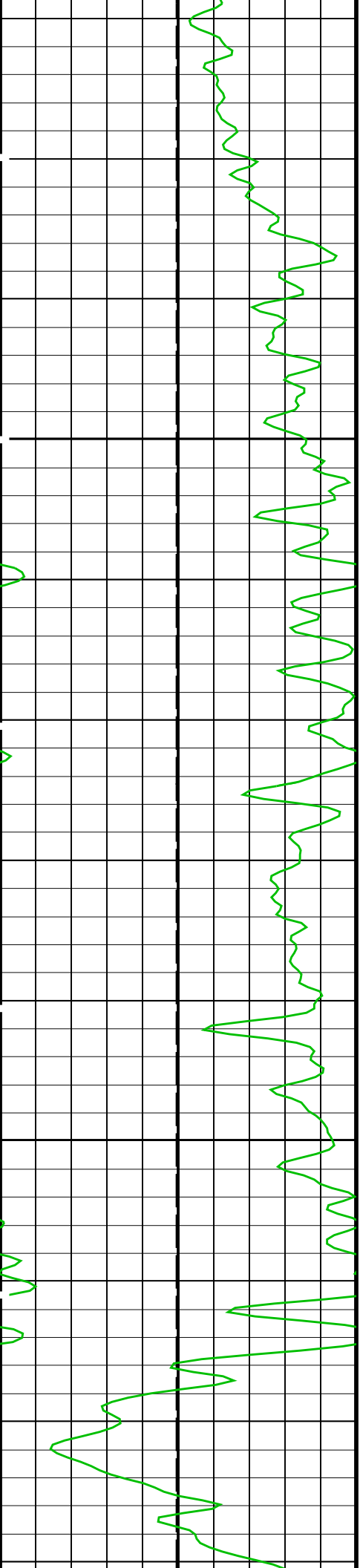
DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager – B			
DDE2	Digitizing Delay 2	0	US
DDEX	Digitizing Delay X	0	US
DLCS	Label Compressional Source – Dipole Shear	USE	
DSHL	Label Slowness Lower Limit – Dipole Shear	75	US/F
DSHU	Label Slowness Upper Limit – Dipole Shear	775	US/F
DSI2	Digitizer Sample 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	LFD_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	B.3–1.5K	
SLL2	STC Slowness Lower Limit – Upper Dipole	75	US/F
SST2	STC Slowness Step – Upper Dipole	4	US/F
SSW2	STC Source Waveform – Upper Dipole	WF_SAM2	
SUL2	STC Slowness Upper Limit – Upper Dipole	775	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	15525	US
TWD2	STC Time Width – Upper Dipole	2000	US

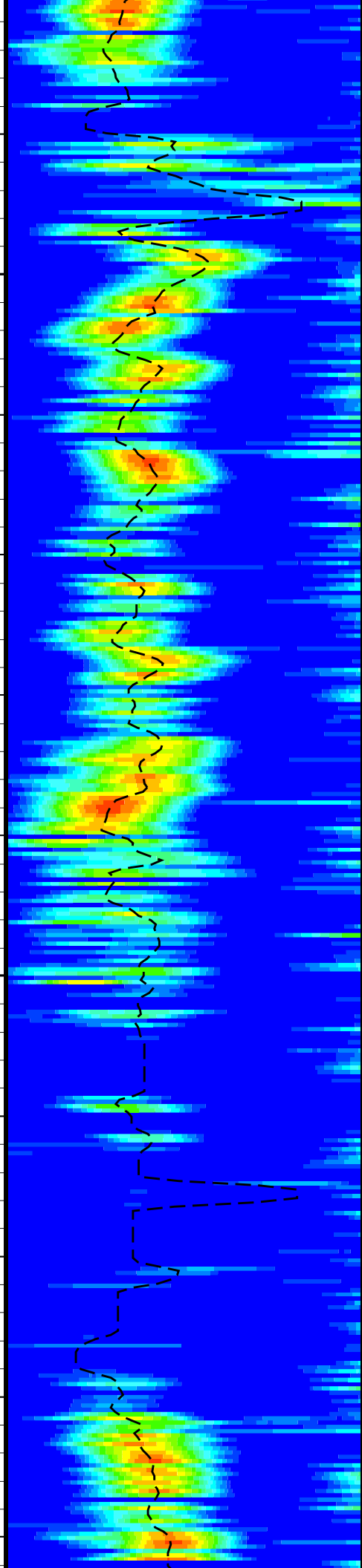
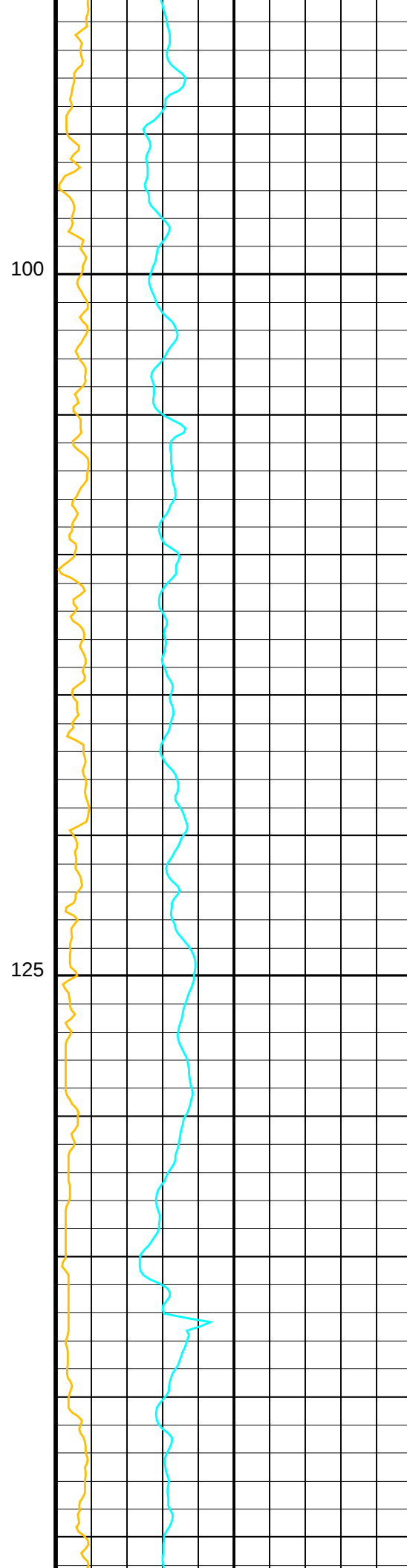
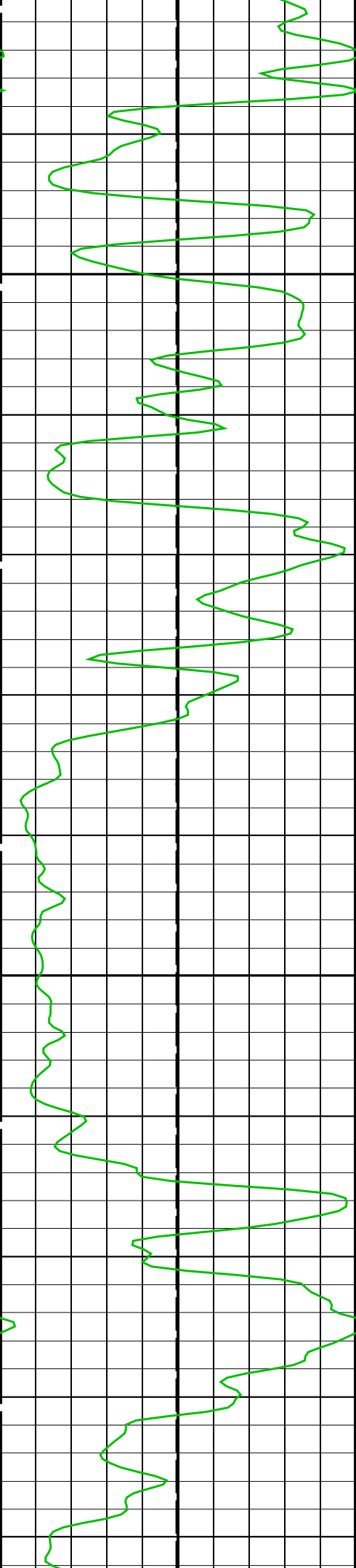
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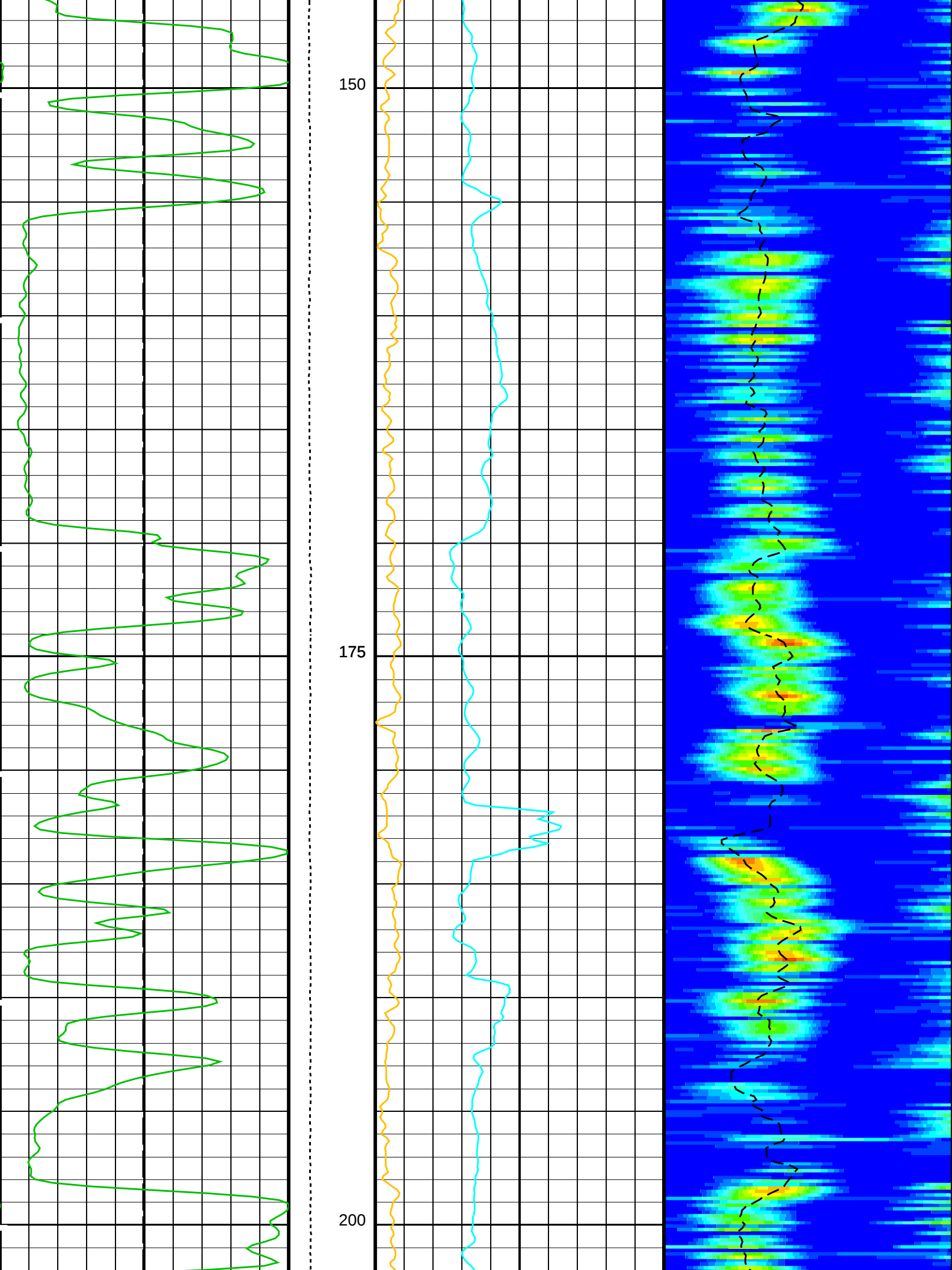
DSST-B	19C0-187	EDTC-B	SKK-5169-EDTCB
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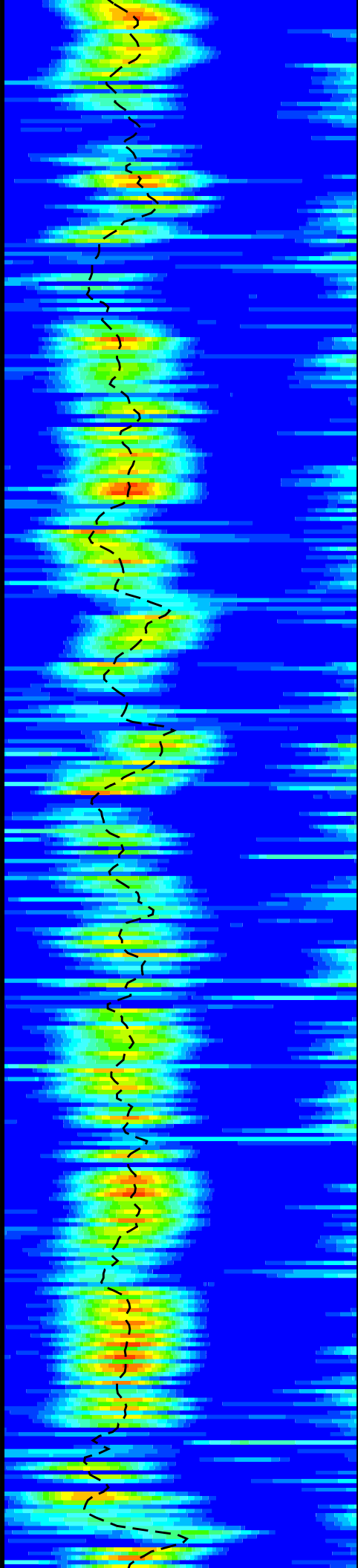
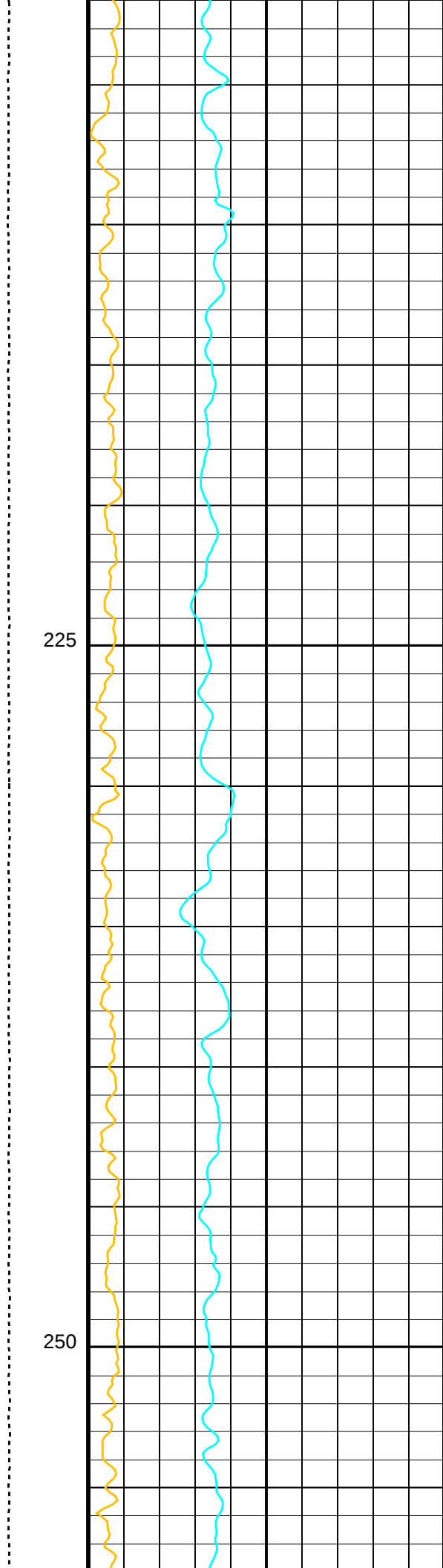
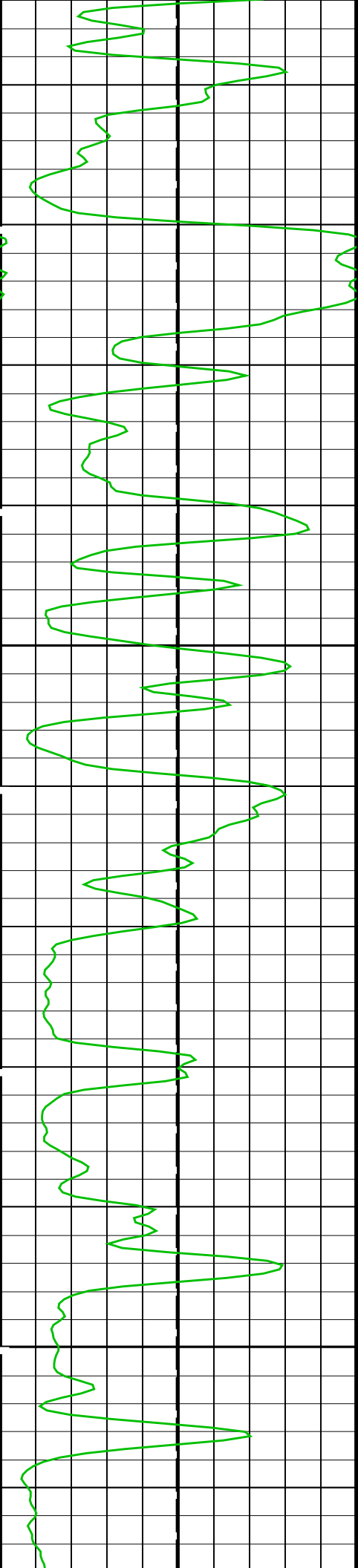


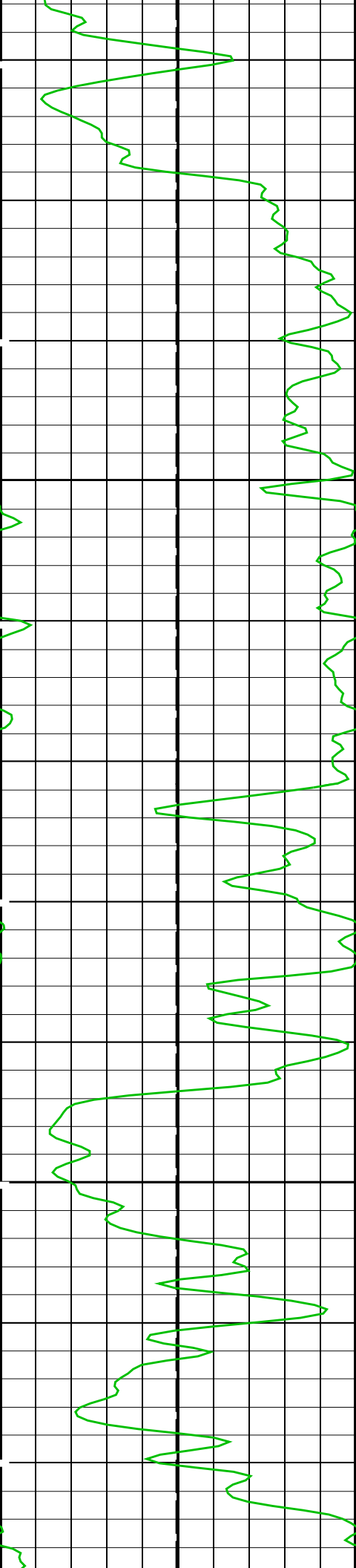






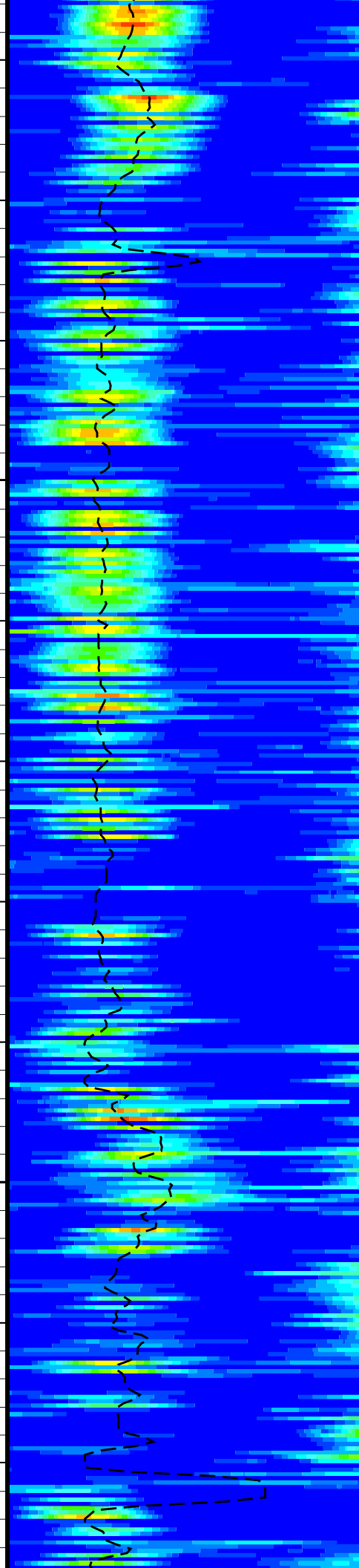
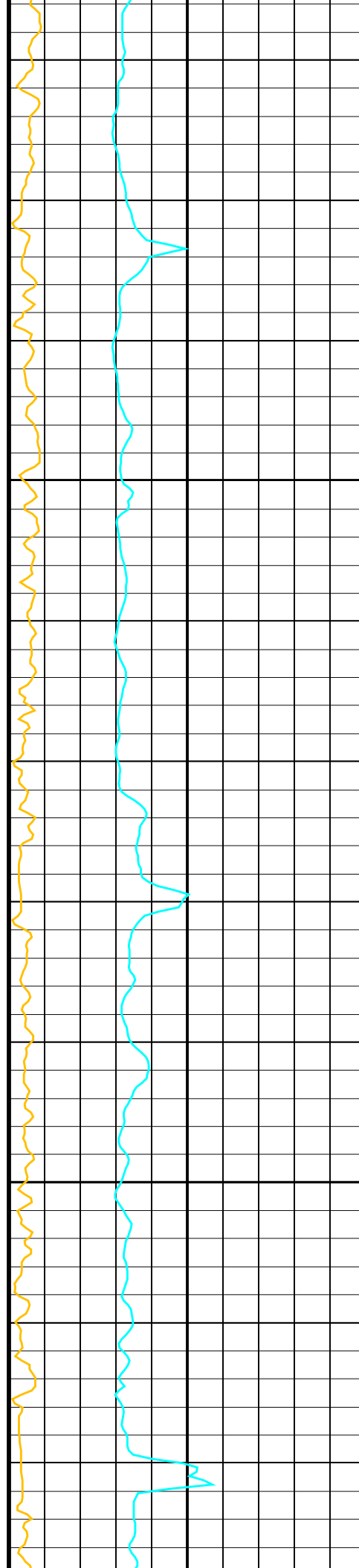


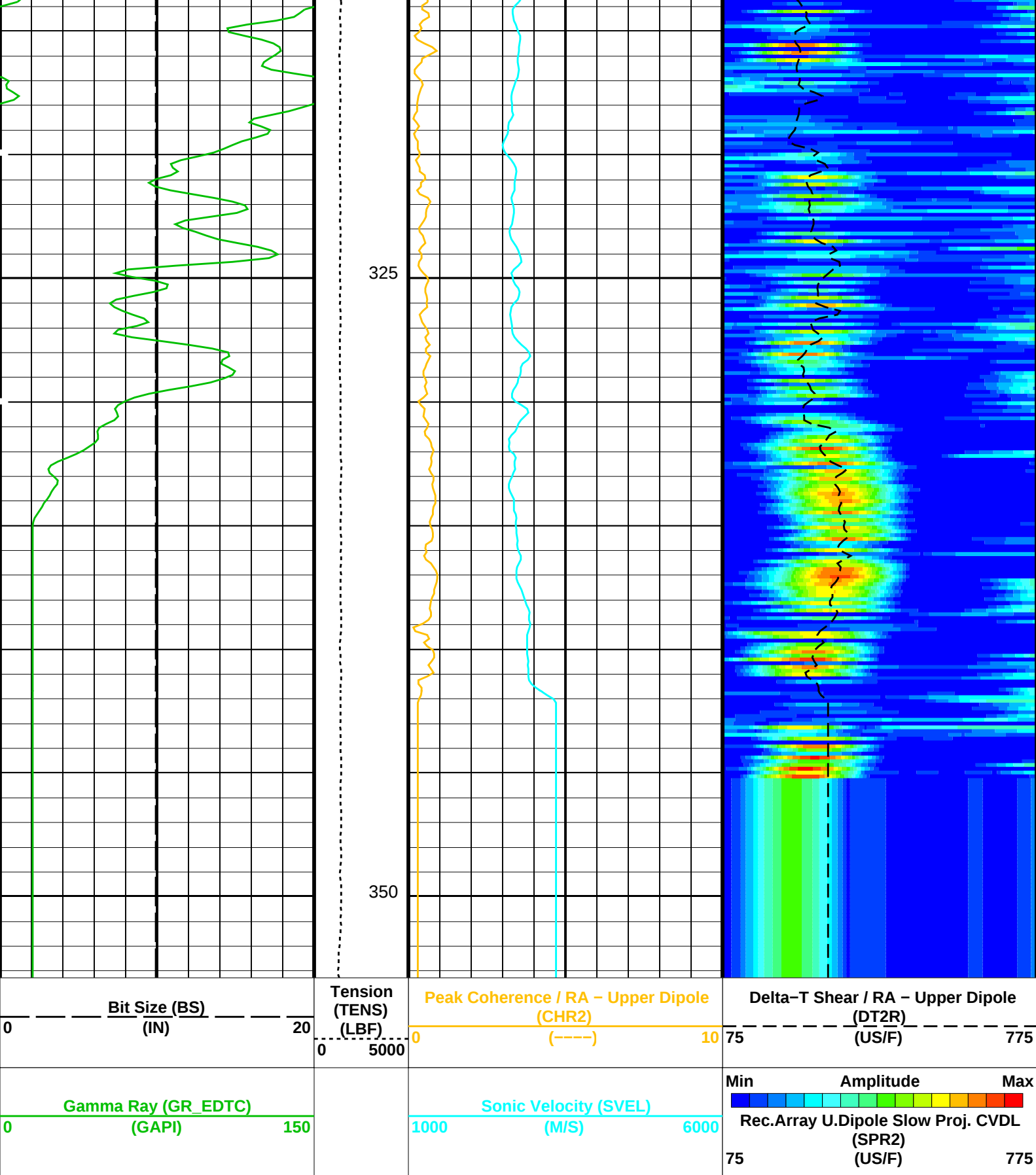




275

300





PIP SUMMARY

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
DSST-B: Dipole Shear Imager - B		
DDE2	Digitizing Delay 2	0 US
DDEX	Digitizing Delay X	0 US
DLCS	Label Compressional Source - Dipole Shear	USE

DSHL	Label Slowness Lower Limit – Dipole Shear	75	US/F
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DWCX	Digitizer Word Count X	512	
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NWIX	Number Waveform Items X	0	
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RX3G	Receiver 3 Geometry	306	IN
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RX5G	Receiver 5 Geometry	318	IN
RX6G	Receiver 6 Geometry	324	IN
RX7G	Receiver 7 Geometry	330	IN
RX8G	Receiver 8 Geometry	336	IN
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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	B.3–1.5K	
SLL2	STC Slowness Lower Limit – Upper Dipole	75	US/F
SST2	STC Slowness Step – Upper Dipole	4	US/F
SSW2	STC Source Waveform – Upper Dipole	WF_SAM2	
SUL2	STC Slowness Upper Limit – Upper Dipole	775	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	15525	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	–229.0	M
PP	Playback Processing	NORMAL	

Format: DSST_UPPER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 25-Aug-2012 13:35

OP System Version: 19C0–187

DSST–B 19C0–187 EDTC–B SKK–5169–EDTCB

Input DLIS Files

DEFAULT Flip_DSI_071LUP PRODUCER 25-Aug-2012 13:33 582.3 M 202.8 M

Output DLIS Files

DEFAULT DSI_073PUP FN:91 PRODUCER 25-Aug-2012 13:35
CLIENT DSI_073PUC FN:92 CUSTOMER 25-Aug-2012 13:35

Schlumberger

Calibrations

MAXIS Field Log

Measurement	Nominal	Master	Before	After	Change	Limit	Units
Enhanced DTS Cartridge Wellsite Calibration – EDTC Accelerometer Calibration							
Before: 21–Aug–2012 17:57							
EDTC Z–Axis Acceleration	9.810	N/A	9.859	N/A	N/A	N/A	M/S2
Enhanced DTS Cartridge Wellsite Calibration – Detector Calibration							
Before: 21–Aug–2012 17:45 After: 21–Aug–2012 20:57							
Gamma Ray (Jig – Bkg)	163.2	N/A	163.2	162.5	–0.6715	14.83	GAPI
Gamma Ray (Calibrated)	165.0	N/A	165.0	164.3	–0.6790	15.00	GAPI

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			9.859
	9.610 (Minimum)	9.810 (Nominal)	10.01 (Maximum)
Before: 21–Aug–2012 17:57			

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			1.756	Before			163.2	Before			165.0
After			4.001	After			162.5	After			164.3
	0 (Minimum)	30.00 (Nominal)	120.0 (Maximum)		148.3 (Minimum)	163.2 (Nominal)	178.0 (Maximum)		150.0 (Minimum)	165.0 (Nominal)	180.0 (Maximum)
Before: 21–Aug–2012 17:45				After: 21–Aug–2012 20:57							

Company:	Lamont Doherty Earth Observatory	
	Shell	
Well:	Expedition 344S, U0080A (USC80)	
Field:	Baffin Bay	
Rig:	JOIDES Resolution	
Country:	USA	
DSI		
Dipole Sonic Imager		
Upper Dipole		