

Well: **Expedition 403, Site U1620D**
Field: **Eastern Fram Strait Paleo Archive**
Rig: **JOIDES Resolution** Country: **Netherlands**

Rig:	JOIDES Resolution	Field:	Eastern Fram Strait Paleo Archiv	Location:	Latitude: N 78° 16.3332'	Well:	Expedition 403, Site U1620D	Company:	International Ocean Discovery Pr	Spectral GR (HNGS)			
										Resistivity (HRLA) / Lithodensity (HLDS)			
										Porosity (APS) / Mag. Sus. (MSS)			
		LOCATION		Latitude: N 78° 16.3332'		Longitude: E 5° 53.6161'		Elev.: K.B. 0.00 m					
								G.L. 1597.50 m					
								D.F. 0.00 m					
				Permanent Datum:		Sea Floor		Elev.:		-1597.50 m			
				Log Measured From:		Rig Floor		1597.50 m above Perm. Datum					
				Drilling Measured From:		Rig Floor							
		Ocean:		Max. Well Deviation		Longitude		Latitude					
		Atlantic		5 deg		E 5.89360*		N 78.2722*					

Logging Date			6-Jul-2024					
Run Number			2					
Depth Driller			2213.5 m					
Schlumberger Depth			2187 m					
Bottom Log Interval			2177.5 m					
Top Log Interval			1597.5 m					
Casing Driller Size @ Depth			5.500 in @ 1669 m			@		
Casing Schlumberger			1669 m					
Bit Size			9.875 in					
Type Fluid In Hole			Sea Water					
MUD	Density	Viscosity	1.023 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	6-Jul-2024		0:00			
Logger On Bottom		Time	6-Jul-2024		12:00			
Unit Number		Location	627314 Larose, LA					
Recorded By			C. Furman					
Witnessed By			K. Grigar					

[illegible]

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

Run 4

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

QS2: DSI

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

runs are to be attempted -- this may cause a change in some readings from one run to the next.

STOP

RUN 2

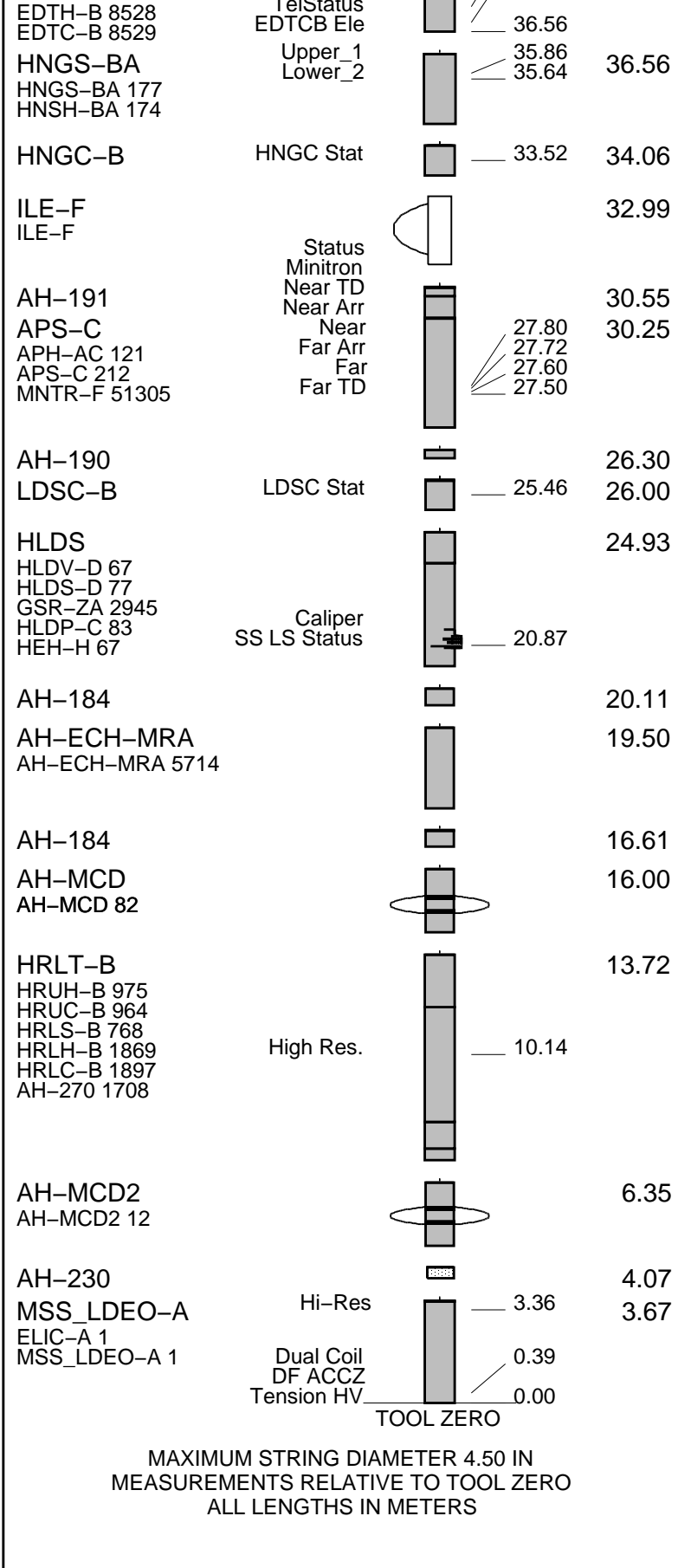
SFT-281 1
SFT-178 1
GSR-U 135
WITM (EDTS)-A

EDTC-B	Carima Ray EFTB DIAG	38.54

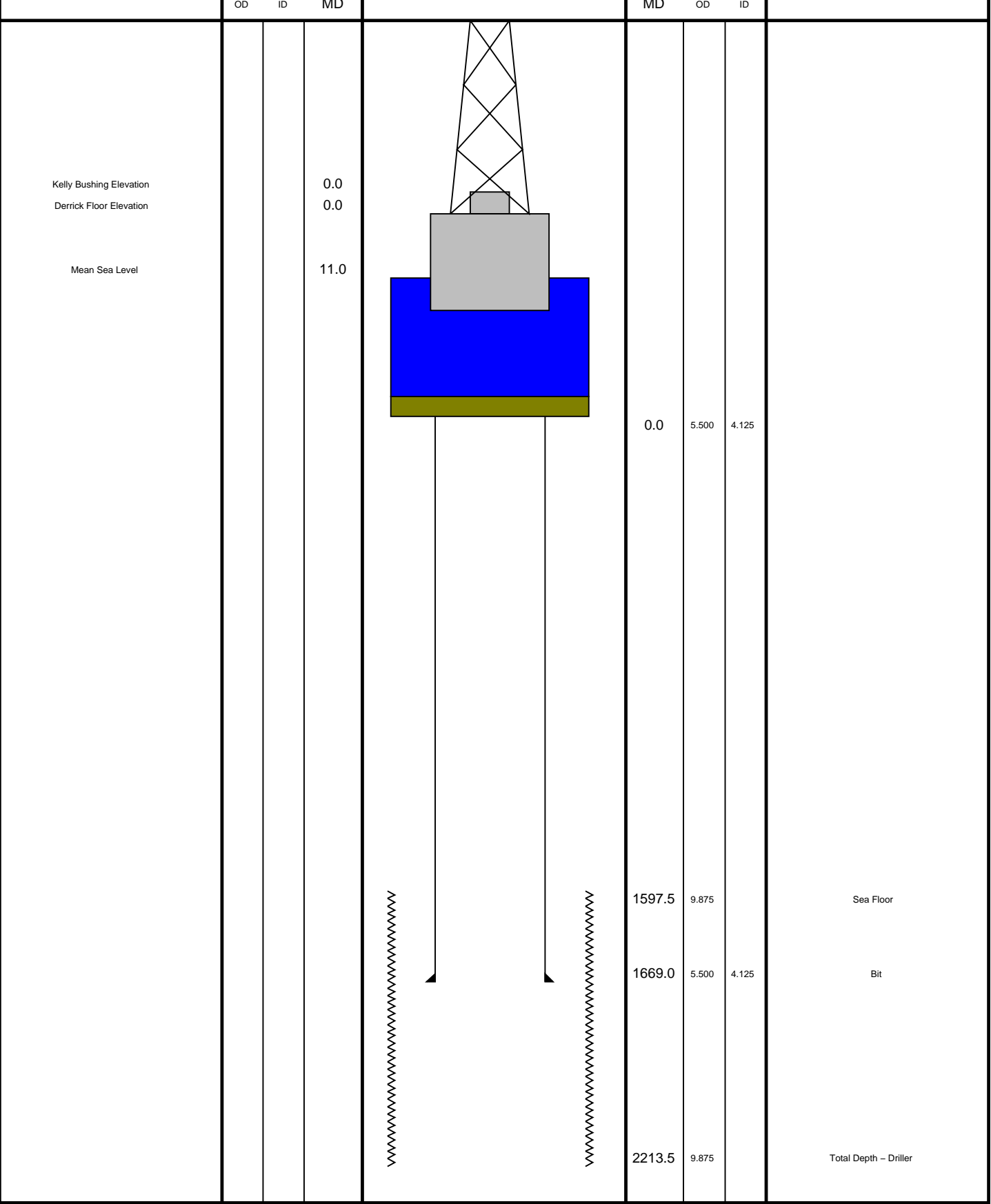
Gamma Ray EETP DIAG



36.90



Production String	(in)	(m)	Well Schematic	(m)	(in)	Casing String
-------------------	------	-----	----------------	-----	------	---------------





Downlog
1:200 Scale

MAXIS Field Log

Company: International Ocean Discovery Program Well: Expedition 403, Site U1620D

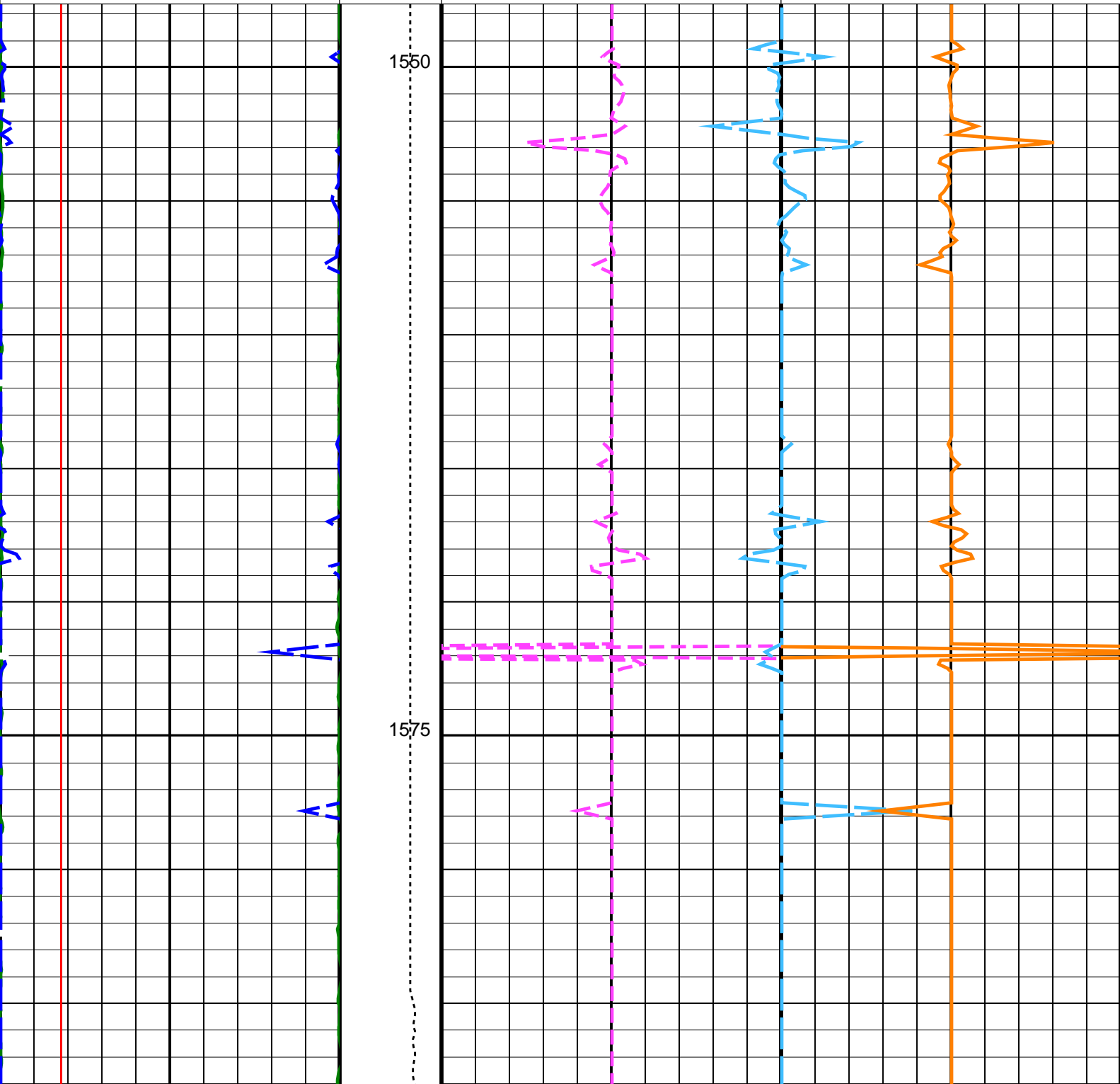
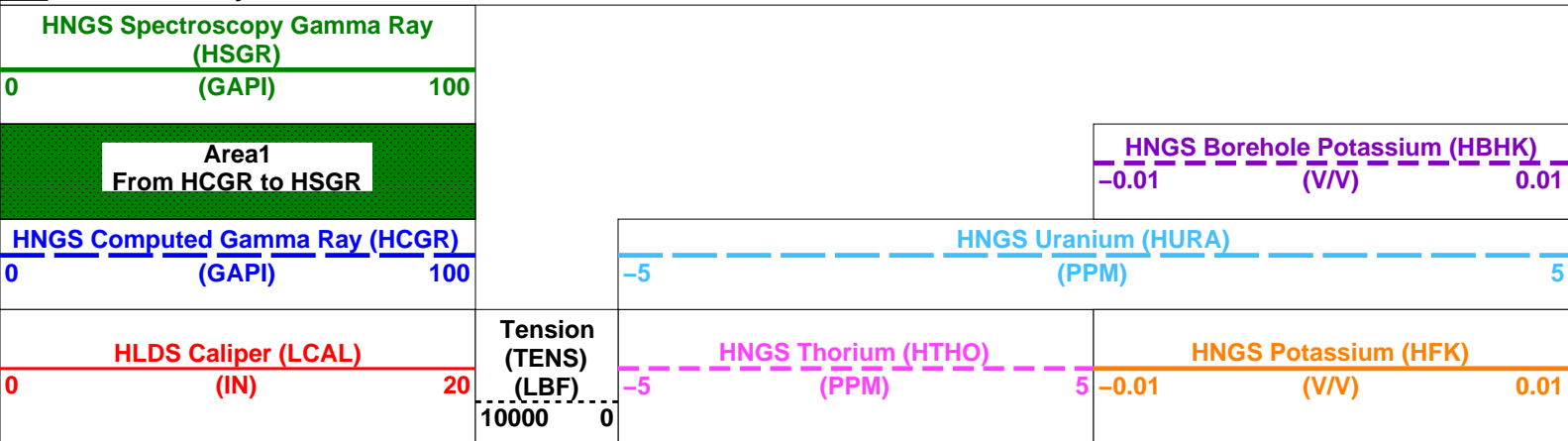
Input DLIS Files						
DEFAULT	Flip_MSS_LDEO_HRLA_019LUP	PRODUCER	06-Jul-2024 11:52	2188.3 M	1547.6 M	
Output DLIS Files						
DEFAULT	MSS_LDEO_HRLA_LDL_021PUP	FN:26	PRODUCER	06-Jul-2024 11:53	2177.0 M	1547.6 M
RTB	MSS_LDEO_HRLA_LDL_021PUP	FN:27	PRODUCER	06-Jul-2024 11:53	2177.0 M	1547.6 M

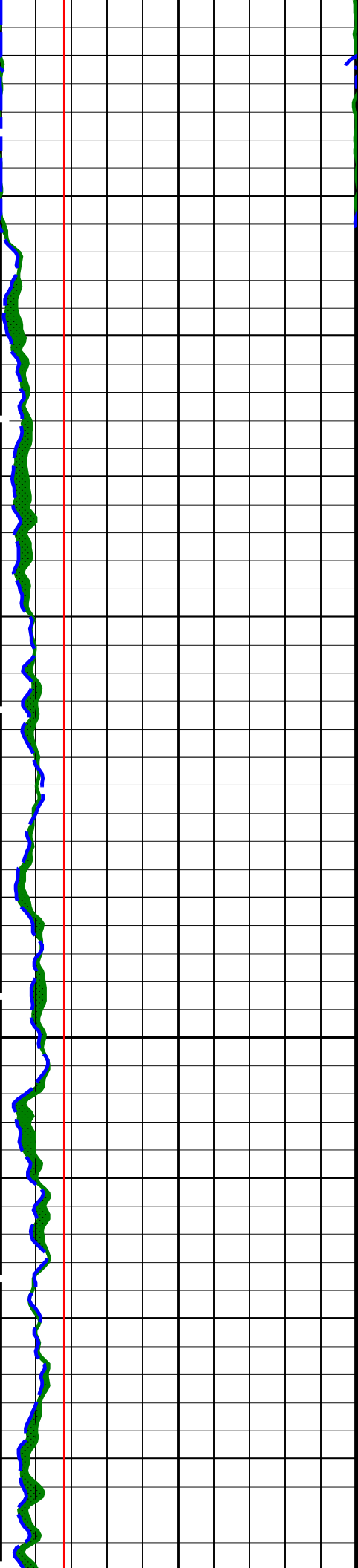
OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187

PIP SUMMARY

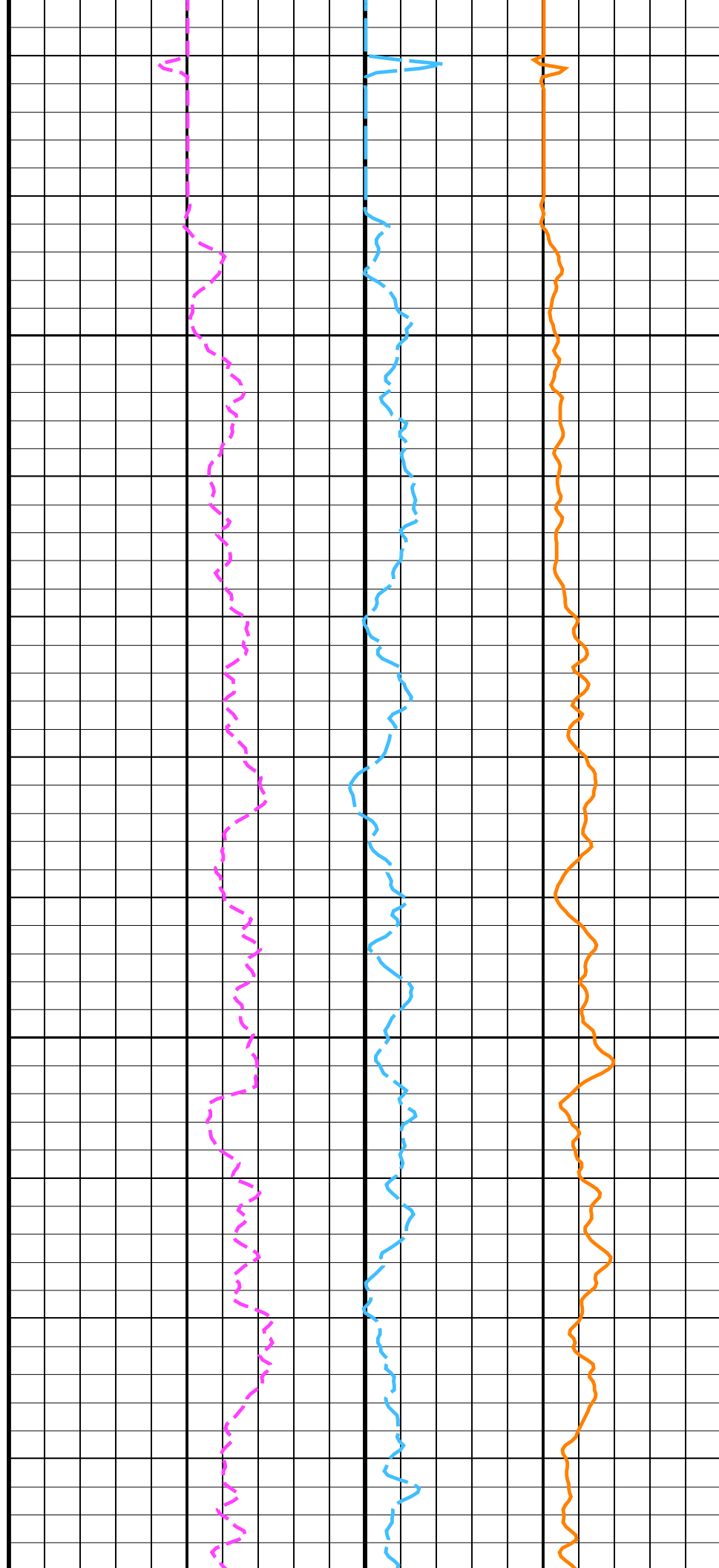
Time Mark Every 60 S

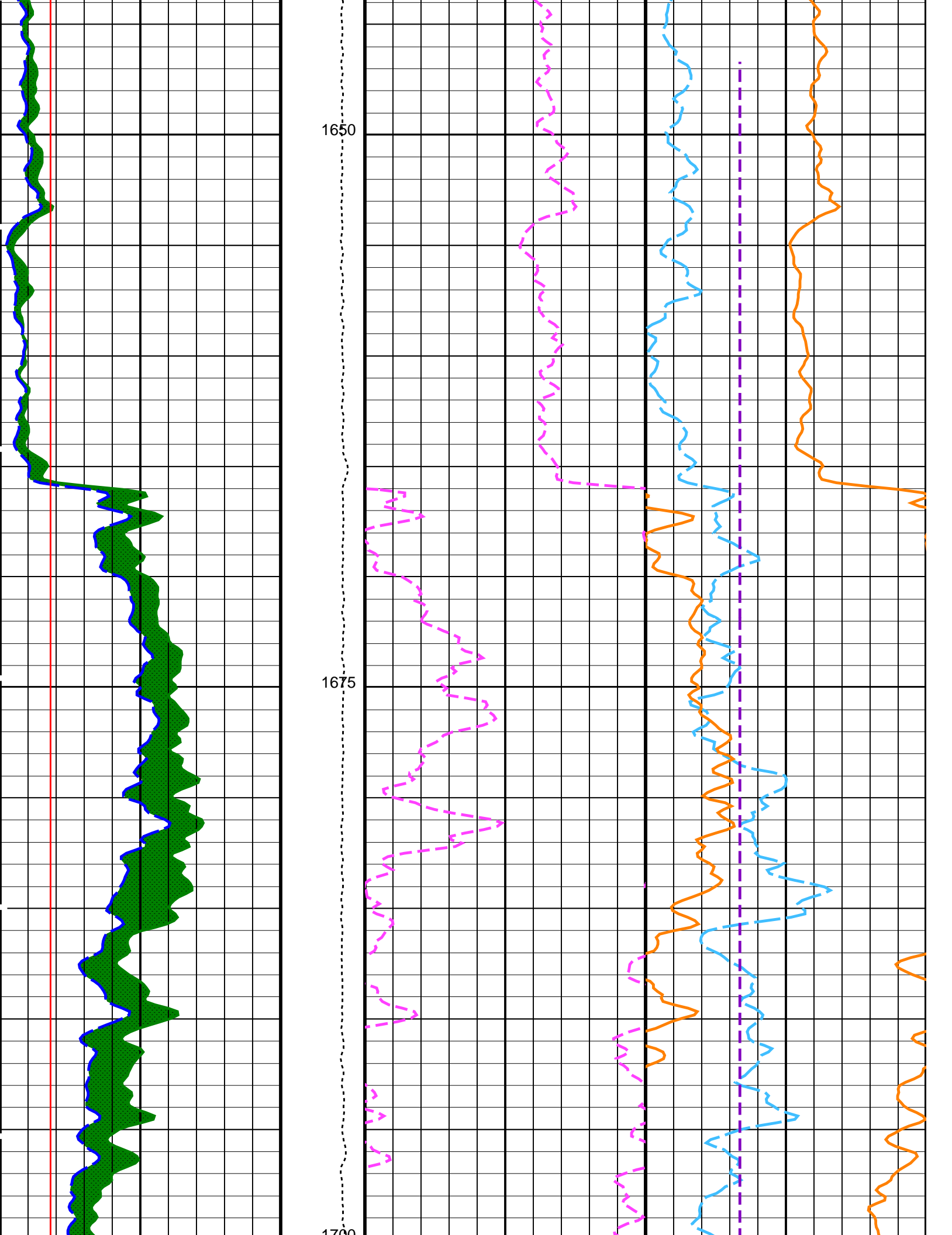


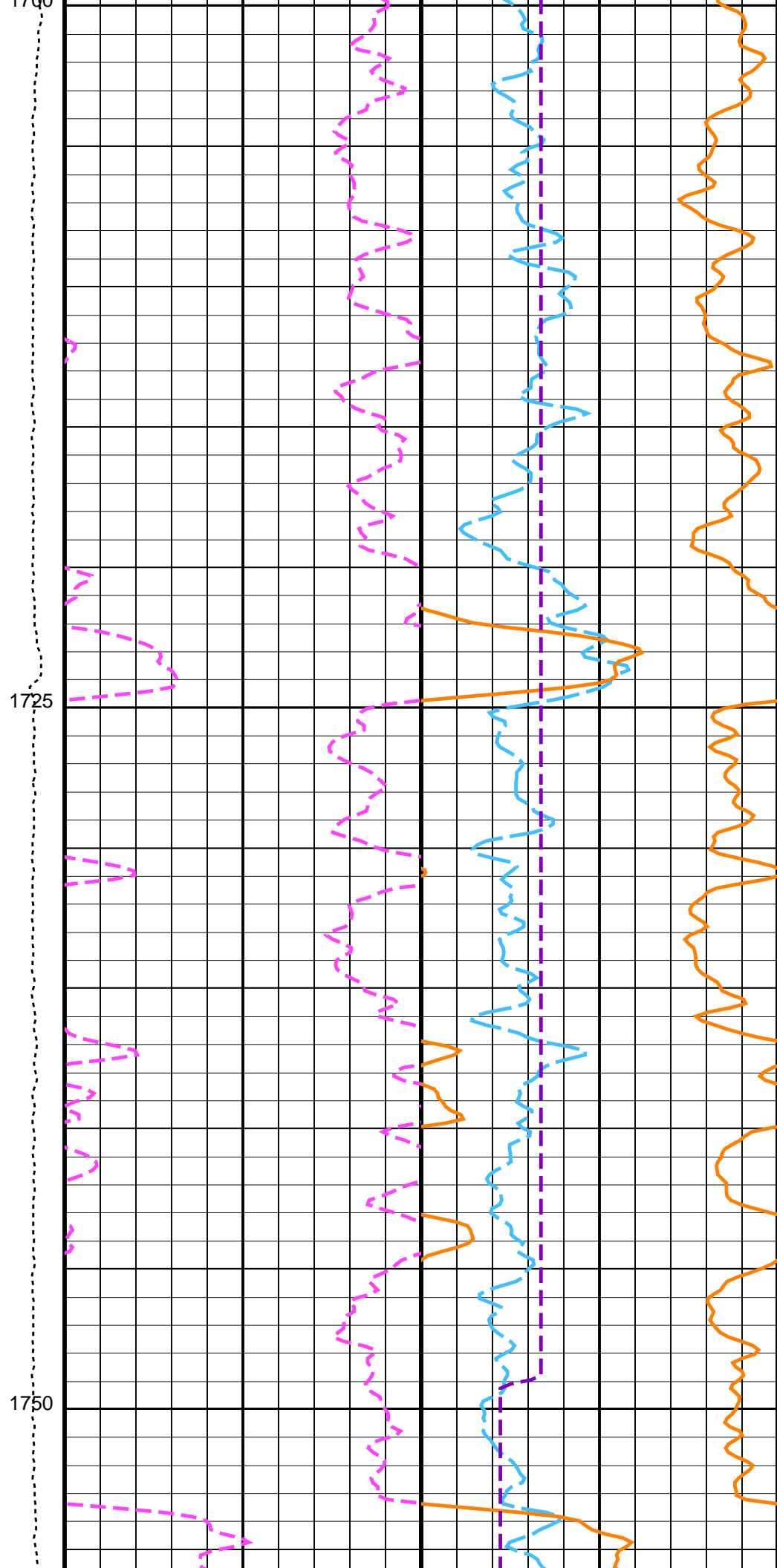
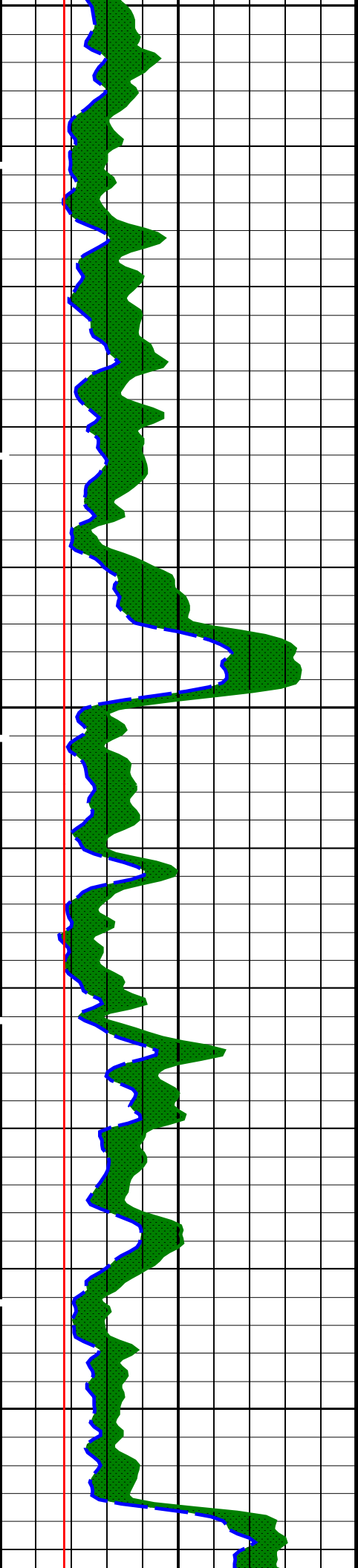


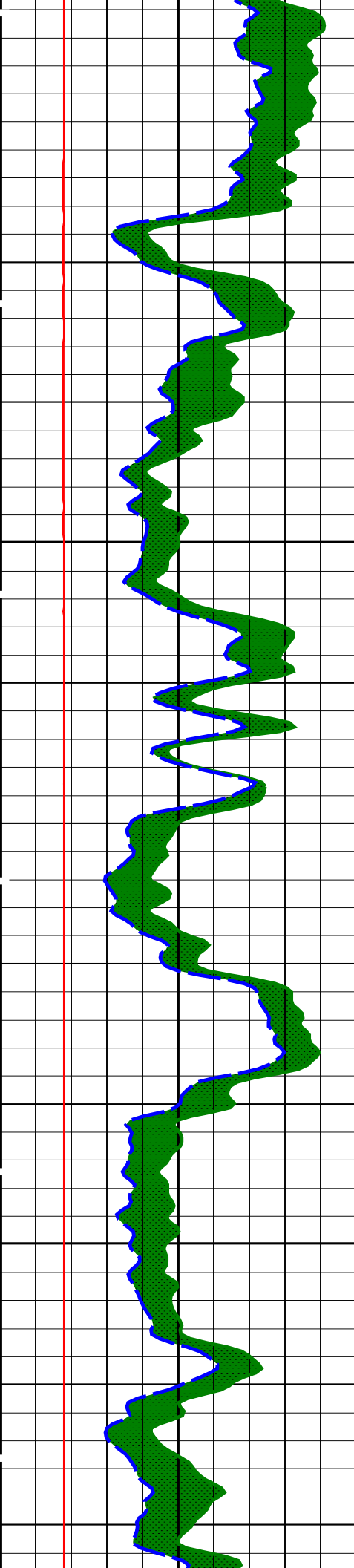
1600

1625



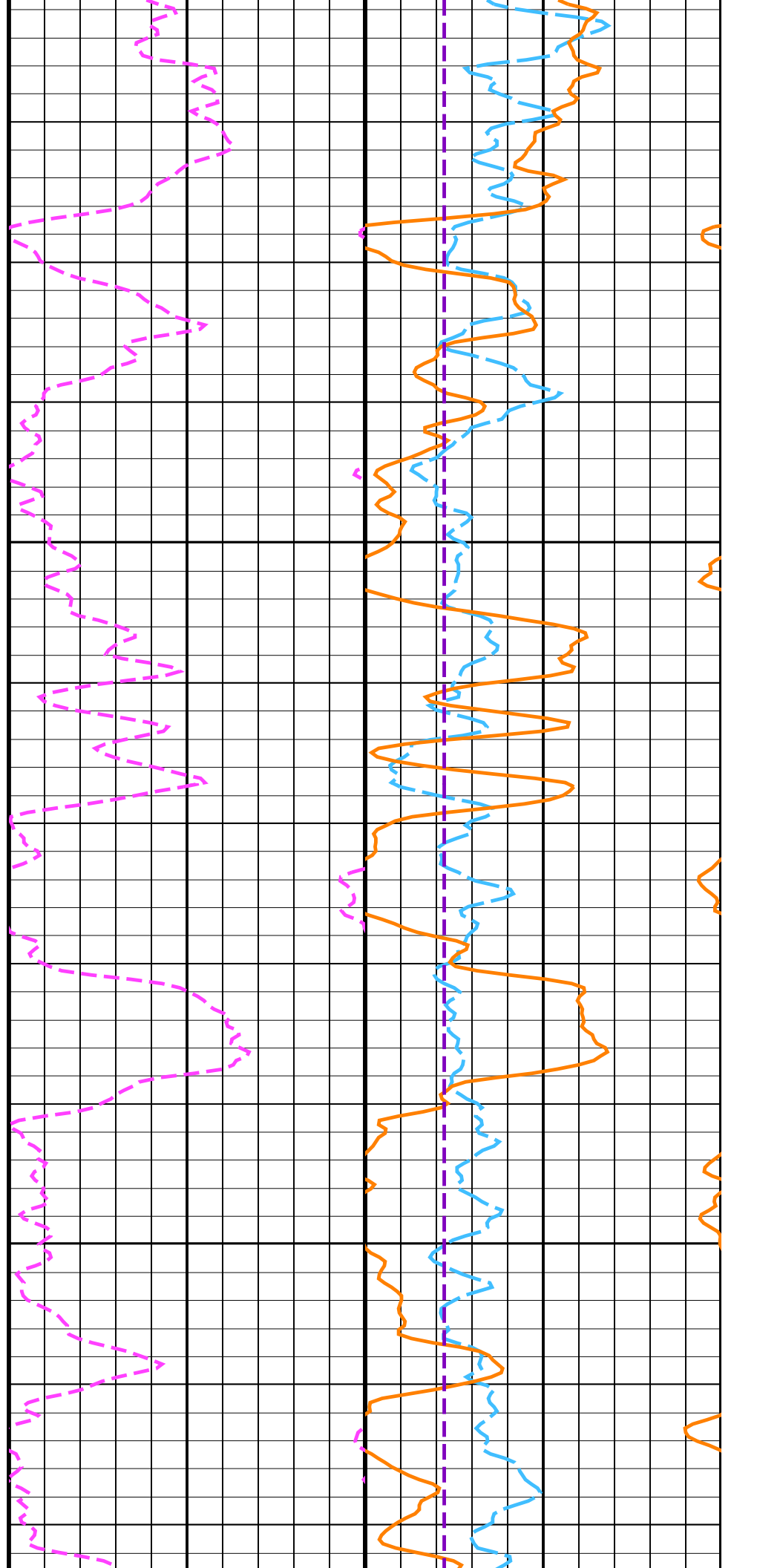


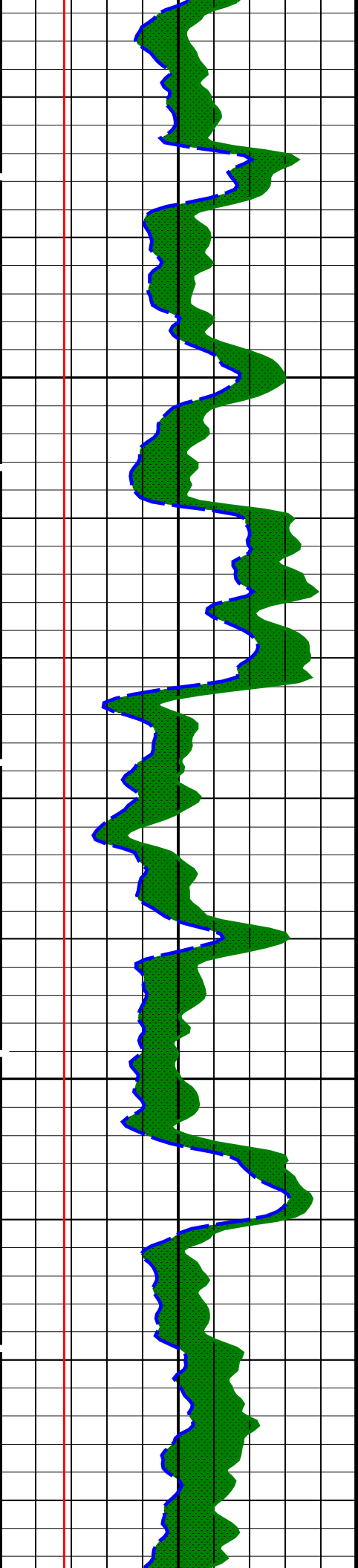




1775

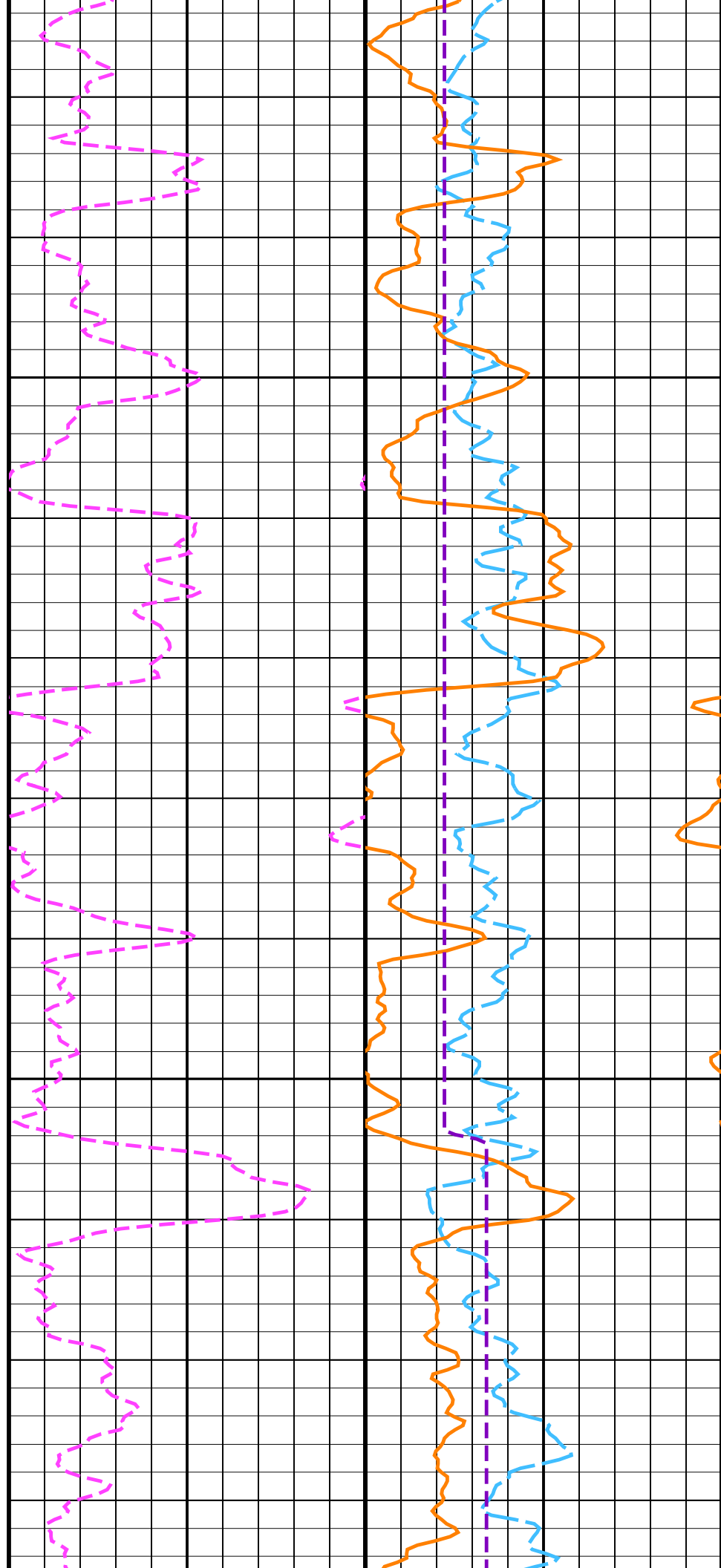
1800

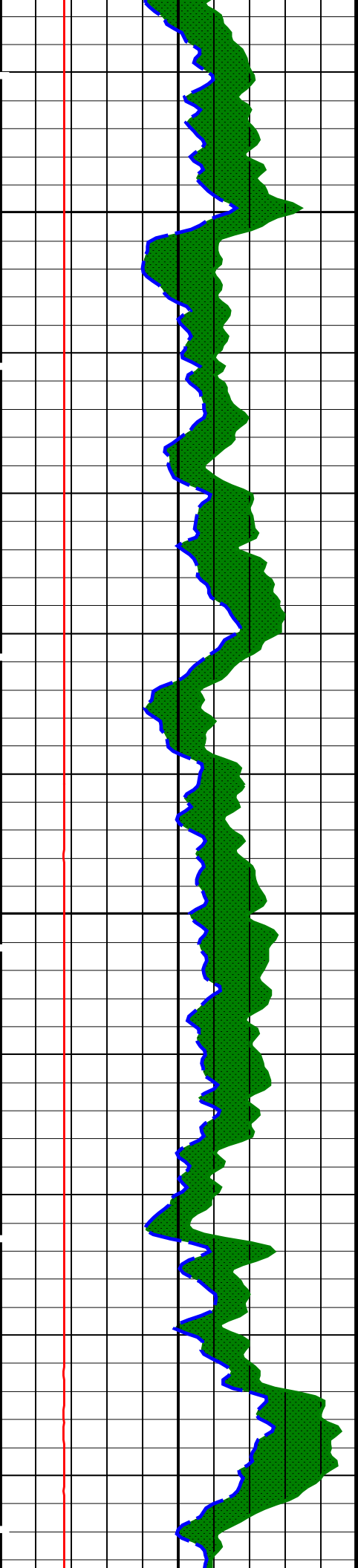




1825

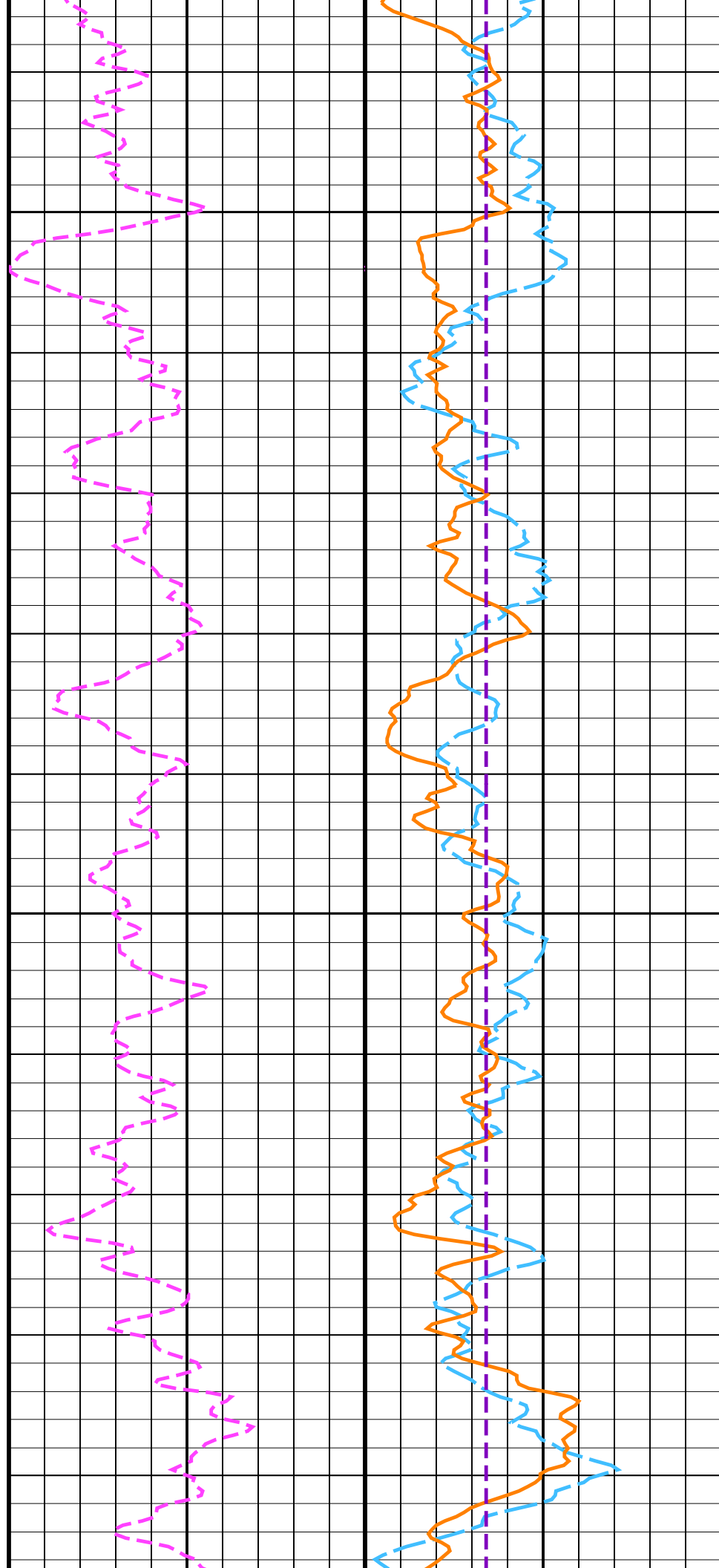
1850

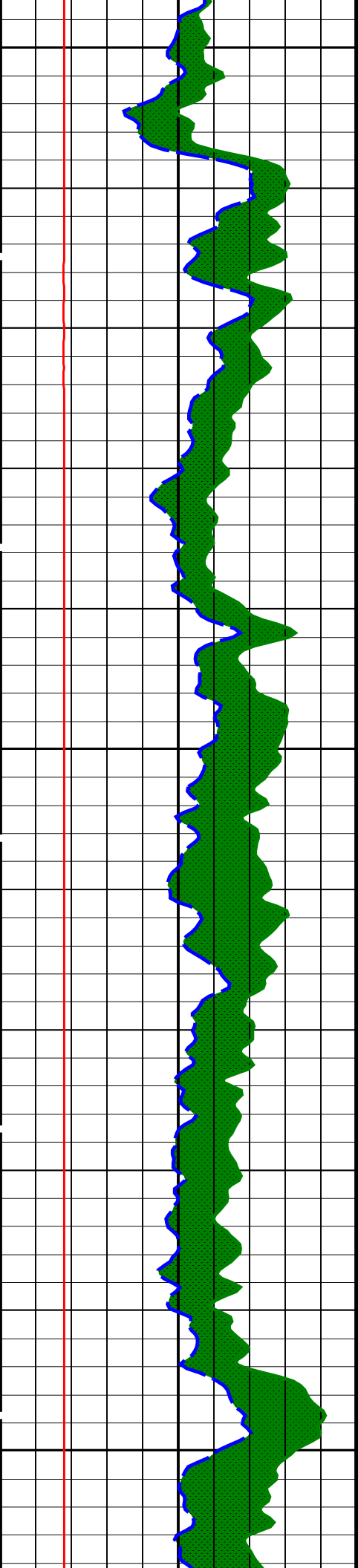




1875

1900

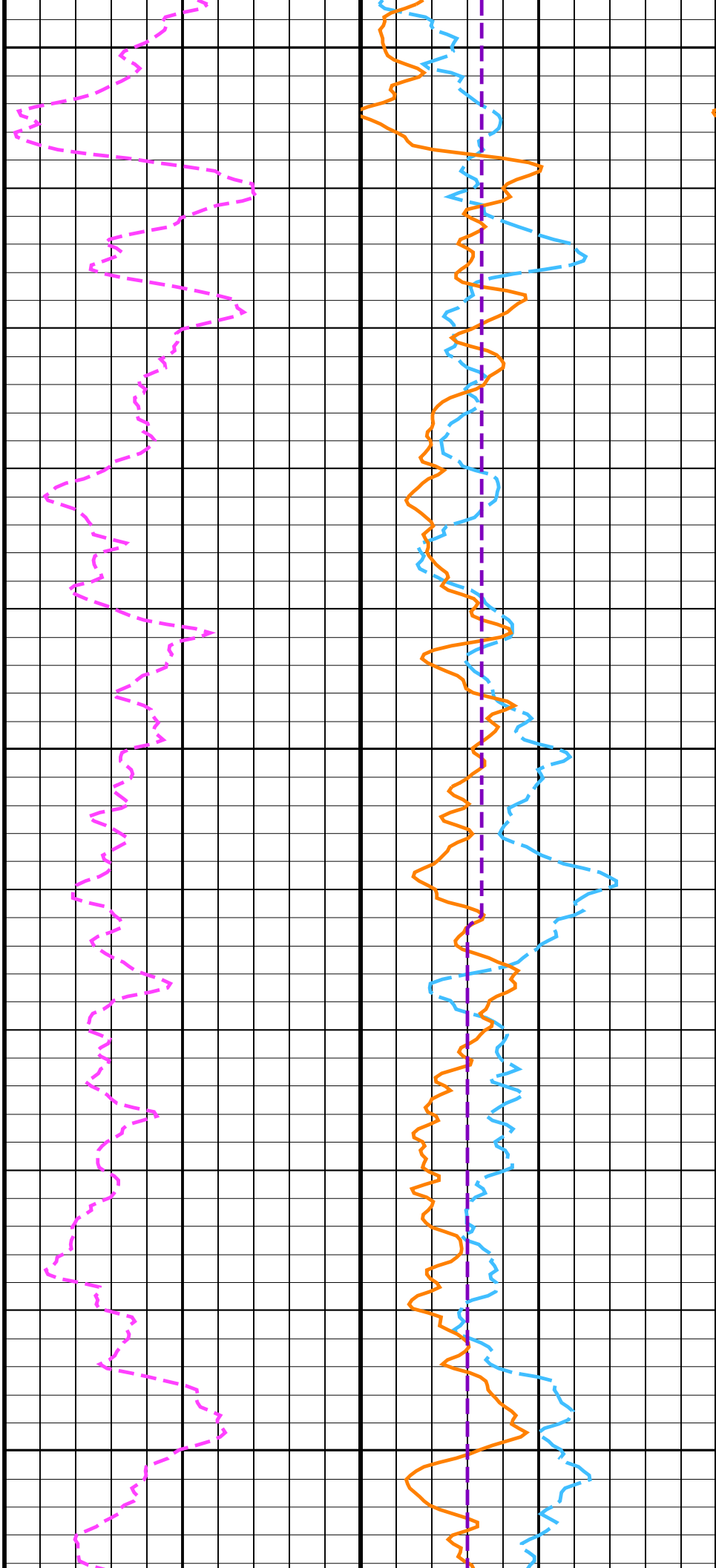


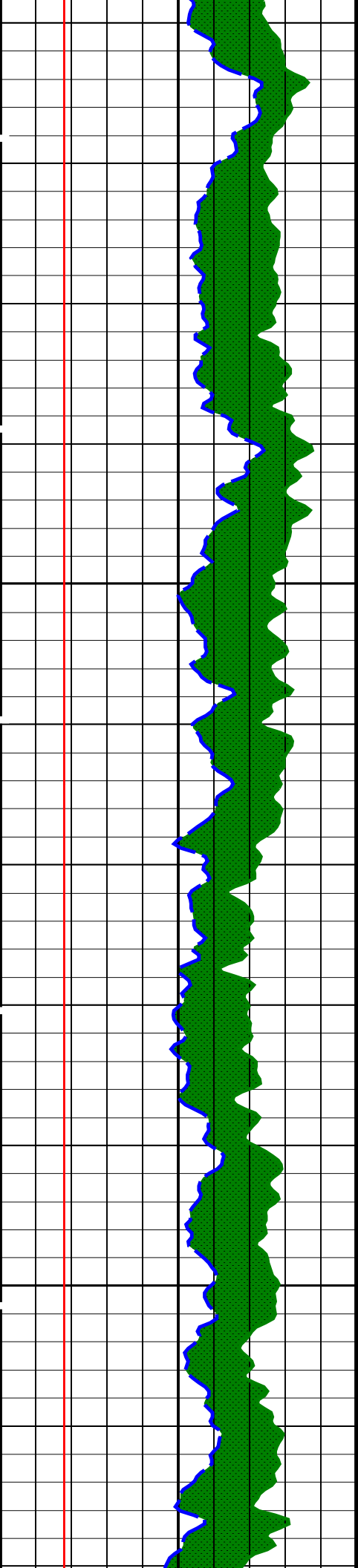


1925

1950

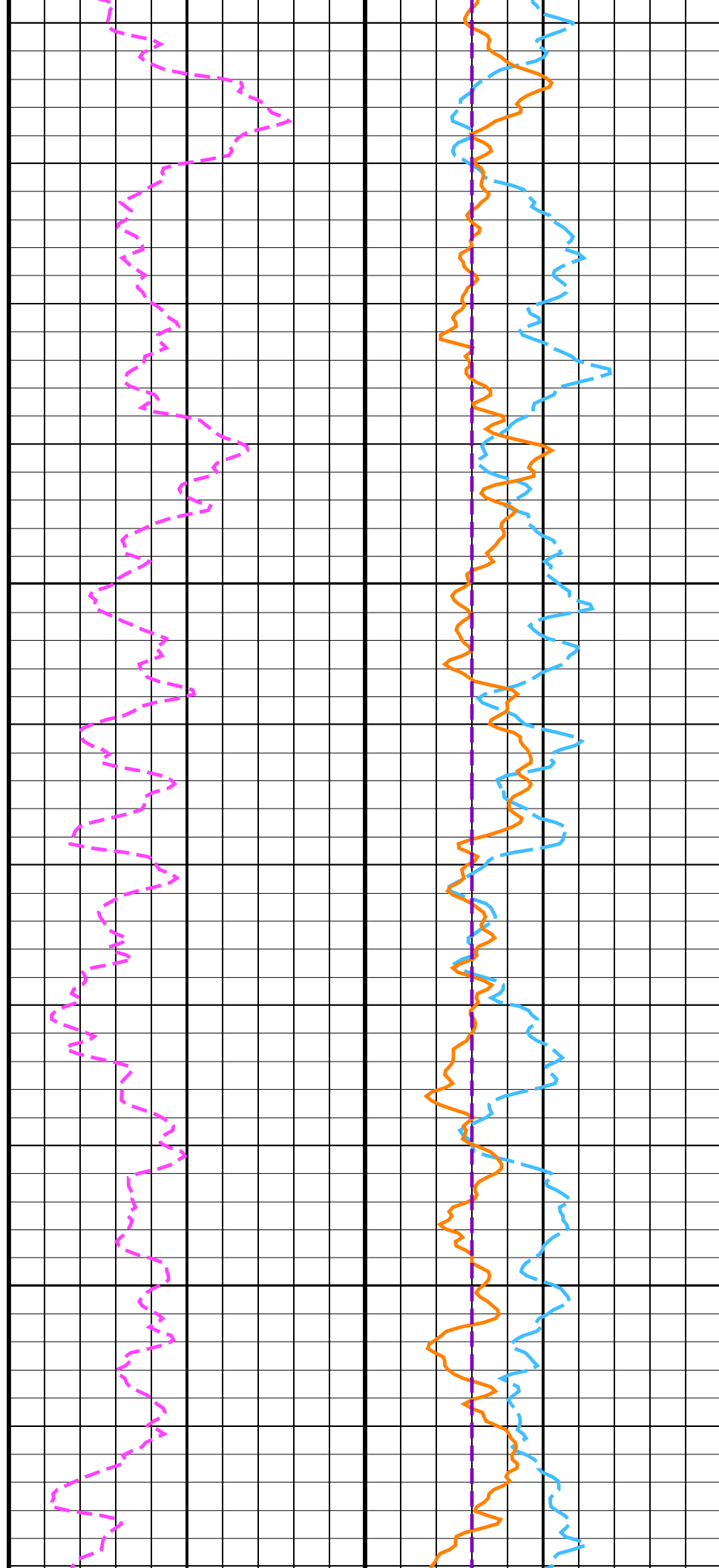
1975

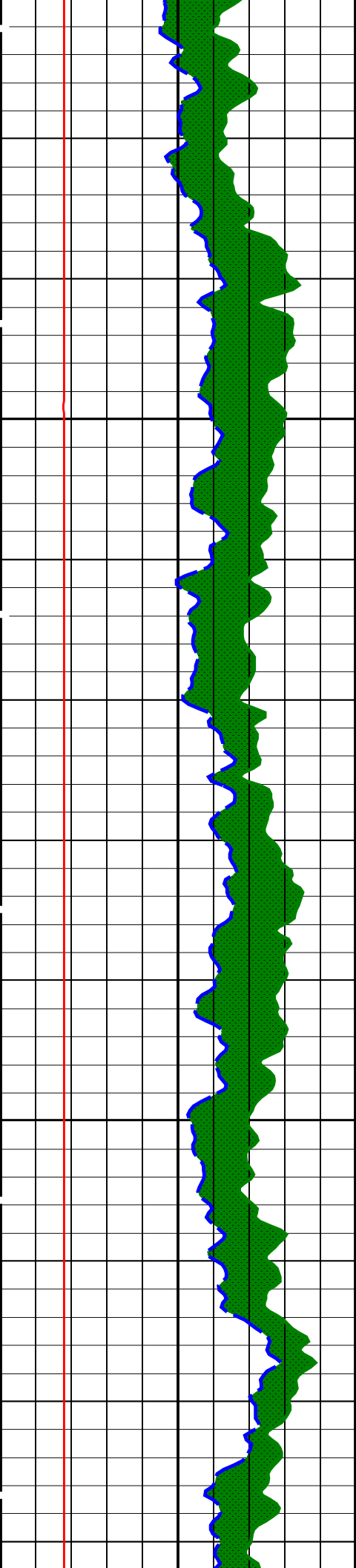




2000

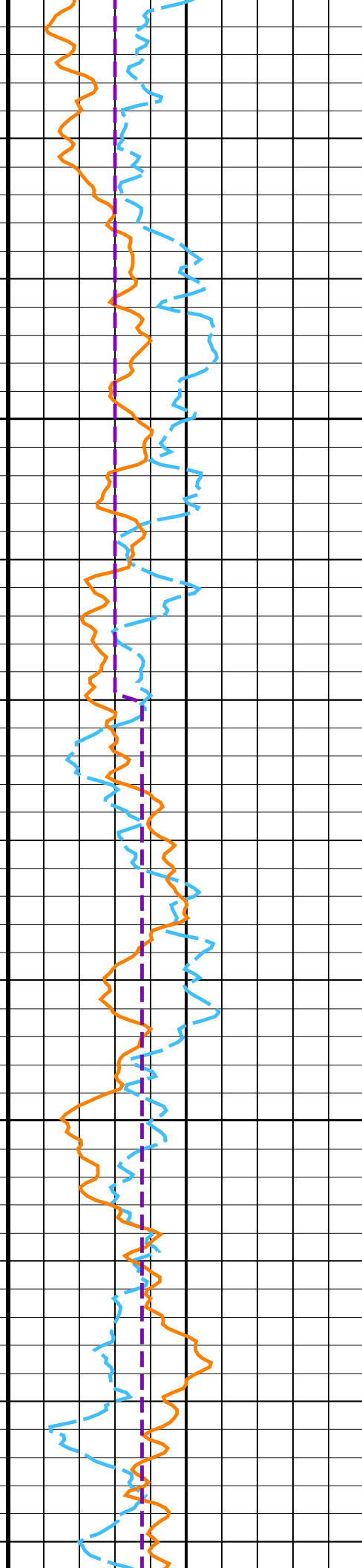
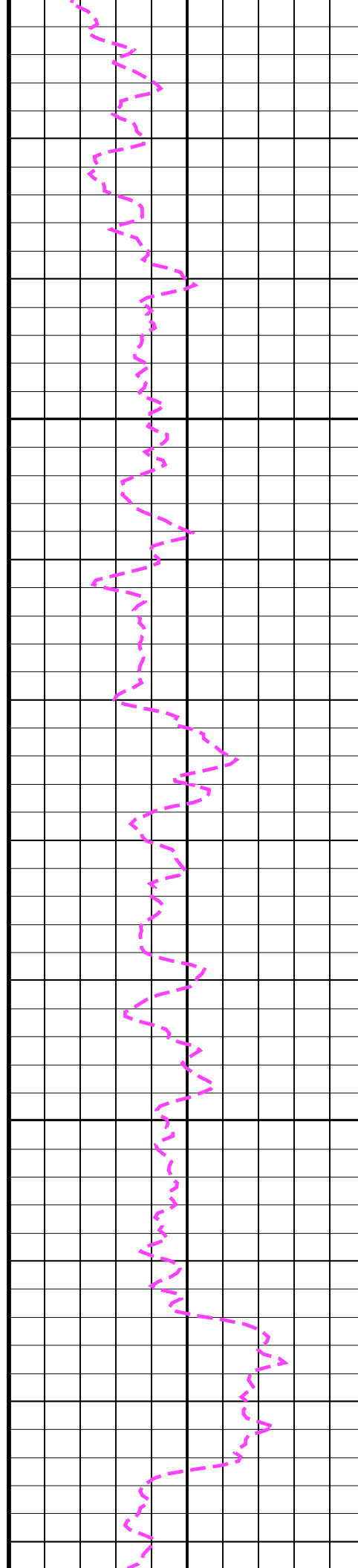
2025

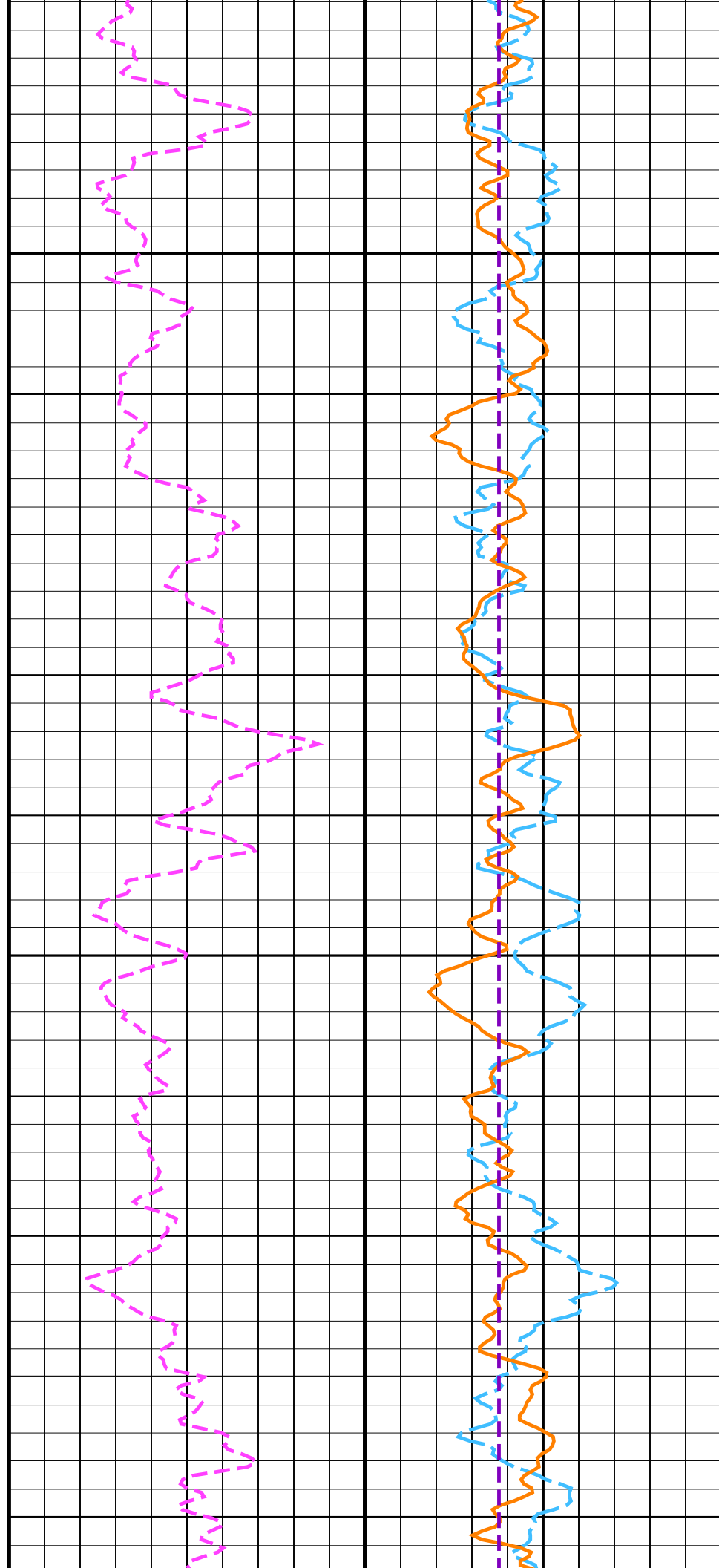
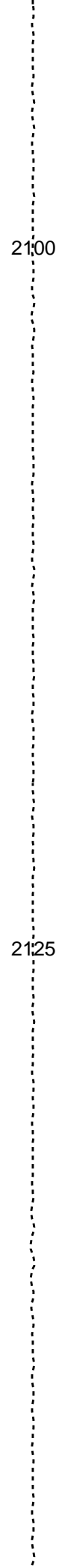
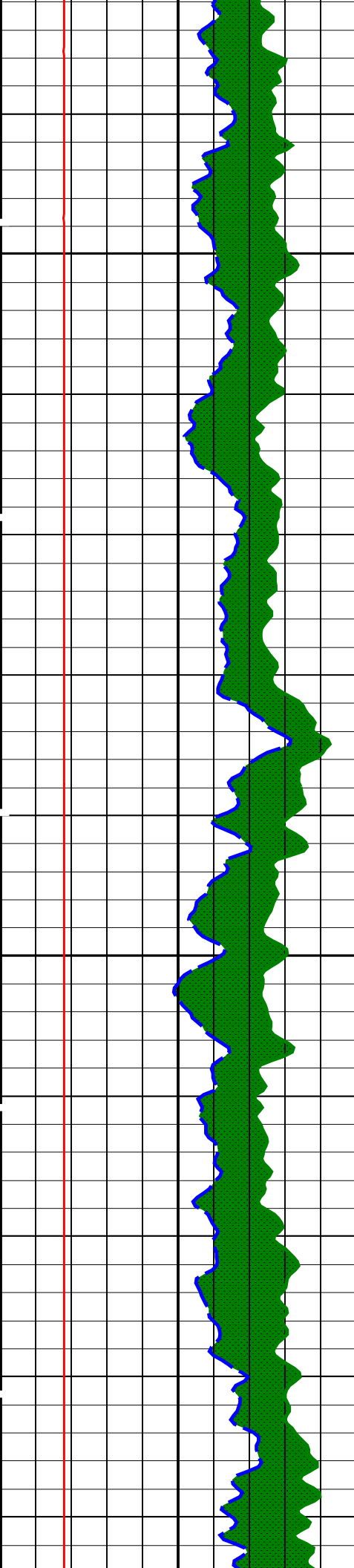


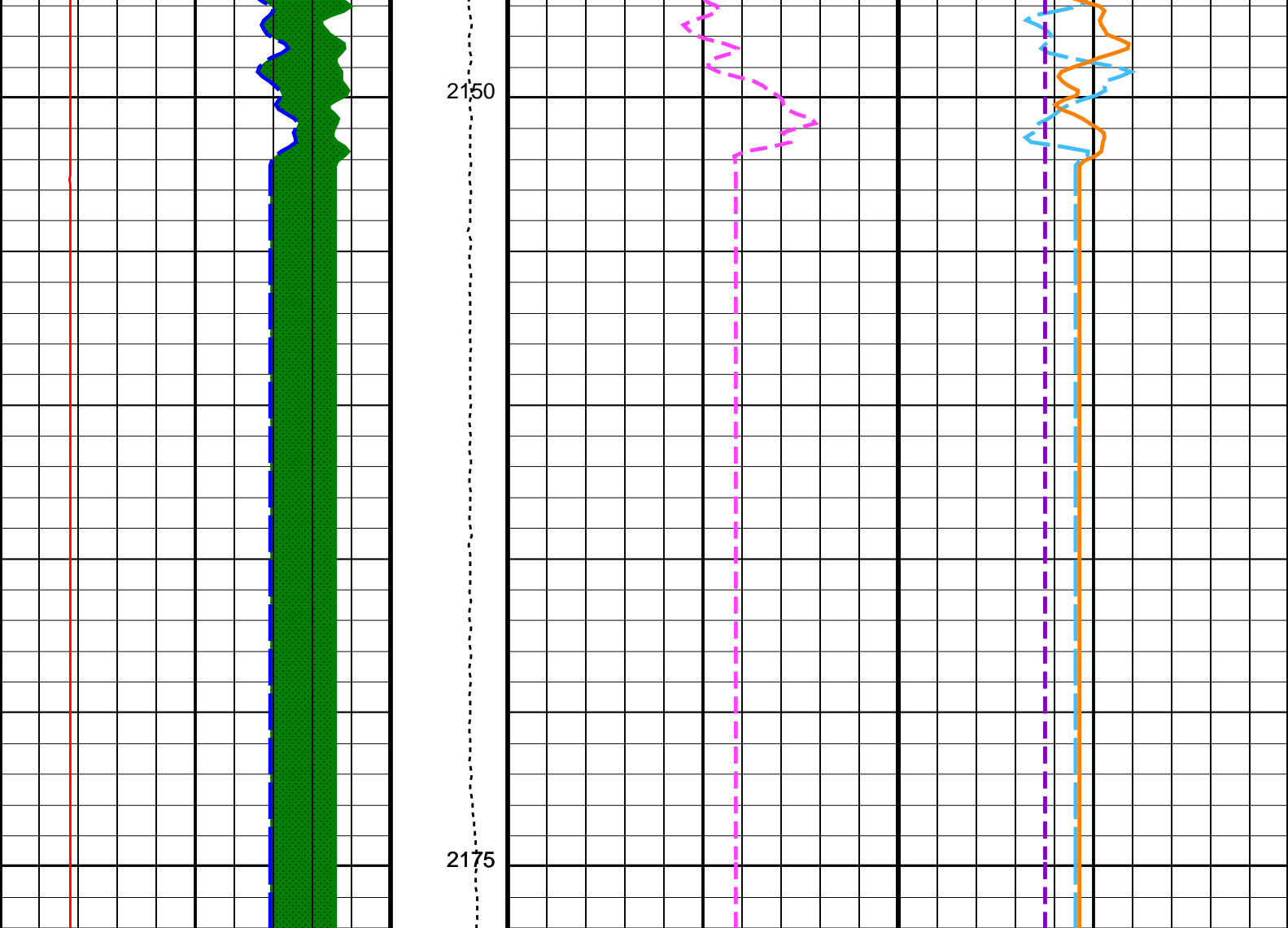


2050

2075







HLDS Caliper (LCAL) (IN)		Tension (TENS) (LBF)	HNGS Thorium (HTHO) (PPM)	HNGS Potassium (HFK) (V/V)
0	20	10000	-5	-0.01
HNGS Computed Gamma Ray (HCGR) (GAPI)			HNGS Uranium (HURA) (PPM)	
0	100		-5	5
Area1 From HCGR to HSGR			HNGS Borehole Potassium (HBHK) (V/V)	
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)			-0.01	
0	100		0.01	

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
BHS	HRLT-B: High Resolution Laterolog Array – B	
GCSE	Borehole Status	OPEN
	Generalized Caliper Selection	LCAL
BHS	APS-C: Accelerator-Porosity Tool	
GCSE	Borehole Status	OPEN
	Generalized Caliper Selection	LCAL
	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	LCAL	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.00475476	
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	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.00123	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.994242	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	LCAL	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.02	G/C3
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: HNGSYields

Vertical Scale: 1:200

Graphics File Created: 06-Jul-2024 11:53

OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Input DLIS Files					
DEFAULT	Flip_MSS_LDEO_HRLA_019LUP	PRODUCER	06-Jul-2024 11:52	2188.3 M	1547.6 M
Output DLIS Files					
DEFAULT	MSS_LDEO_HRLA_LDL_021PUP	FN:26	PRODUCER	06-Jul-2024 11:53	
RTB	MSS_LDEO_HRLA_LDL_021PUP	FN:27	PRODUCER	06-Jul-2024 11:53	

Company: International Ocean Discovery Program

Well: Expedition 403, Site U1620D

Input DLIS Files					
DEFAULT	Flip_MSS_LDEO_HRLA_019LUP	PRODUCER	06-Jul-2024 11:52	2188.3 M	1547.6 M
Output DLIS Files					
DEFAULT	MSS_LDEO_HRLA_LDL_021PUP	FN:26	PRODUCER	06-Jul-2024 11:53	2177.0 M
RTB	MSS_LDEO_HRLA_LDL_021PUP	FN:27	PRODUCER	06-Jul-2024 11:53	2177.0 M

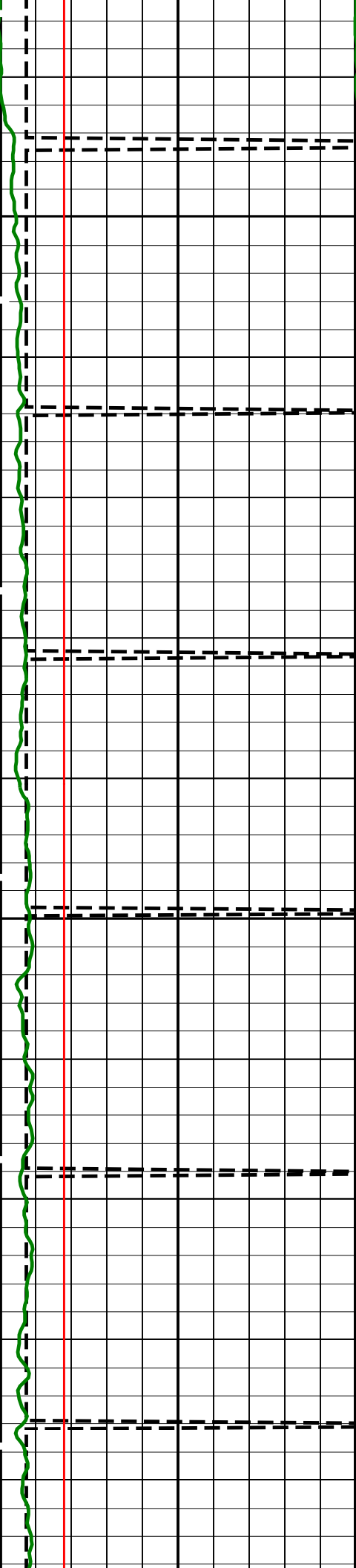
OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

Time Mark Every 60 S

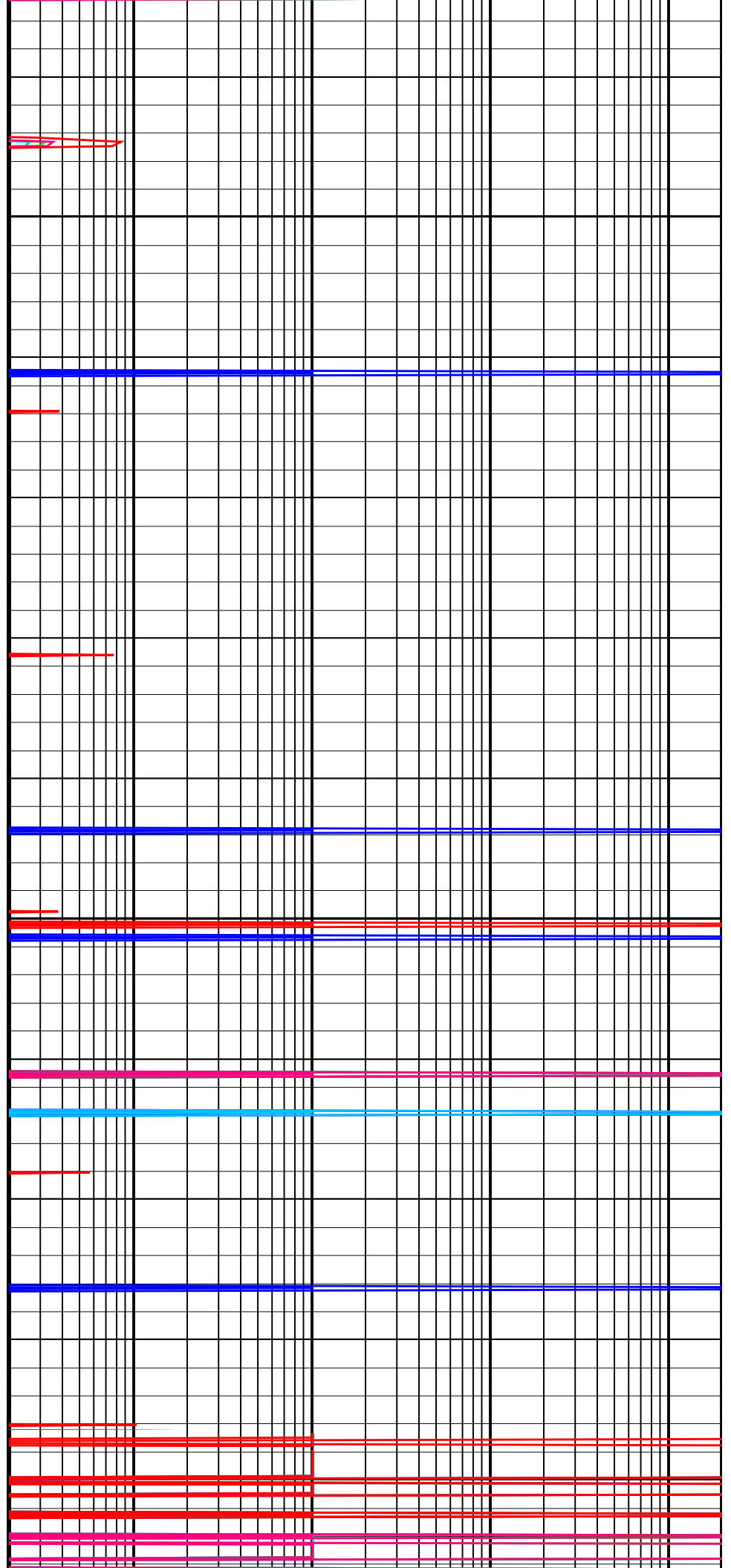
0.02		HRLT Mud Resistivity (RM_HRLT)	200
		(OHMM)	
0.2		HRLT Resistivity 5 (RLA5)	2000
		(OHMM)	

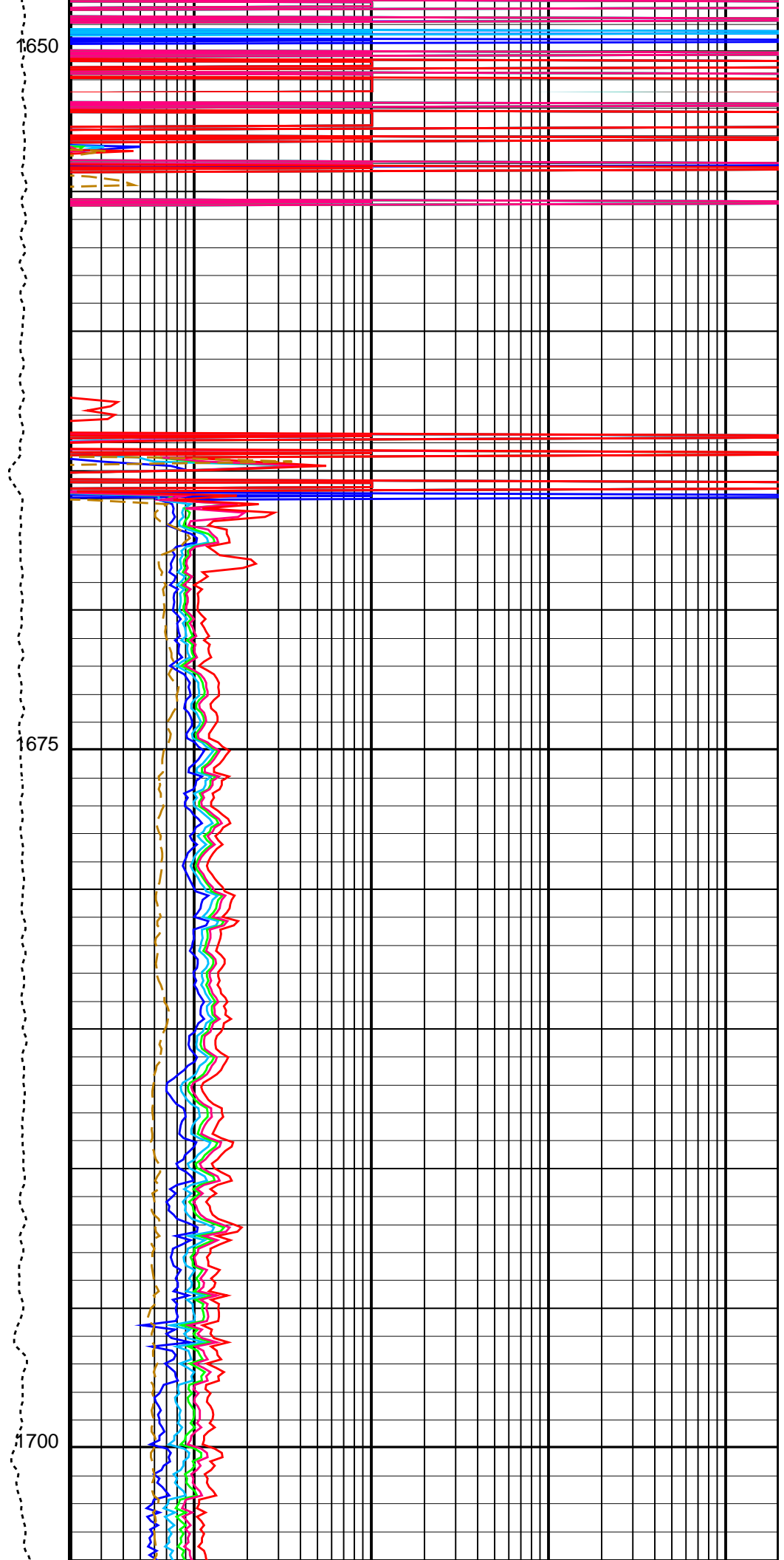
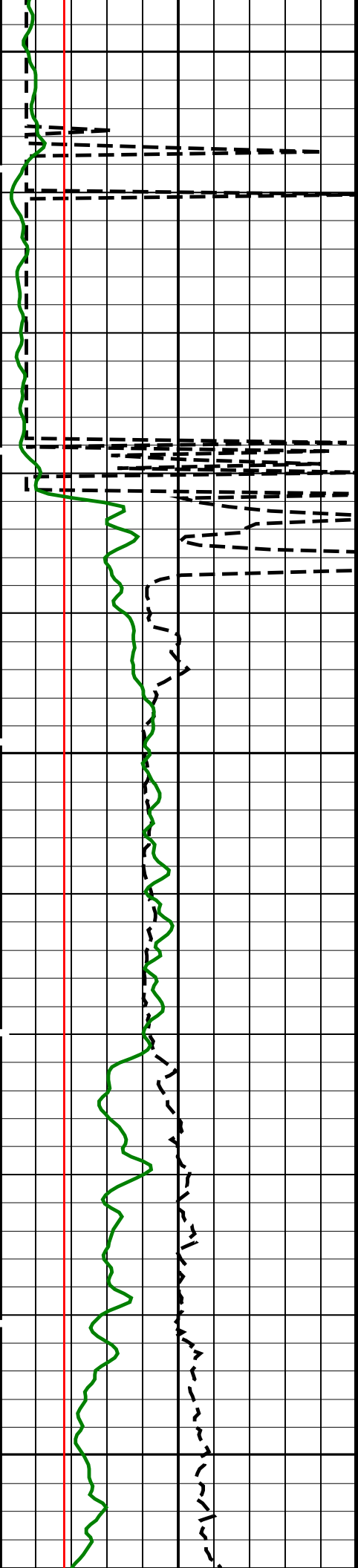
		HRLT Resistivity 4 (RLA4) (OHMM) 2000	
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI) 0 150		HRLT Resistivity 3 (RLA3) (OHMM) 0.2 2000	
Invasion Diameter (DI_HRLT) (IN) 0 50		HRLT Resistivity 2 (RLA2) (OHMM) 0.2 2000	
HLDS Caliper (LCAL) (IN) 0 20		HRLT Resistivity 1 (RLA1) (OHMM) 0.2 2000	
Tension (TENS) (LBF) 0 5000			

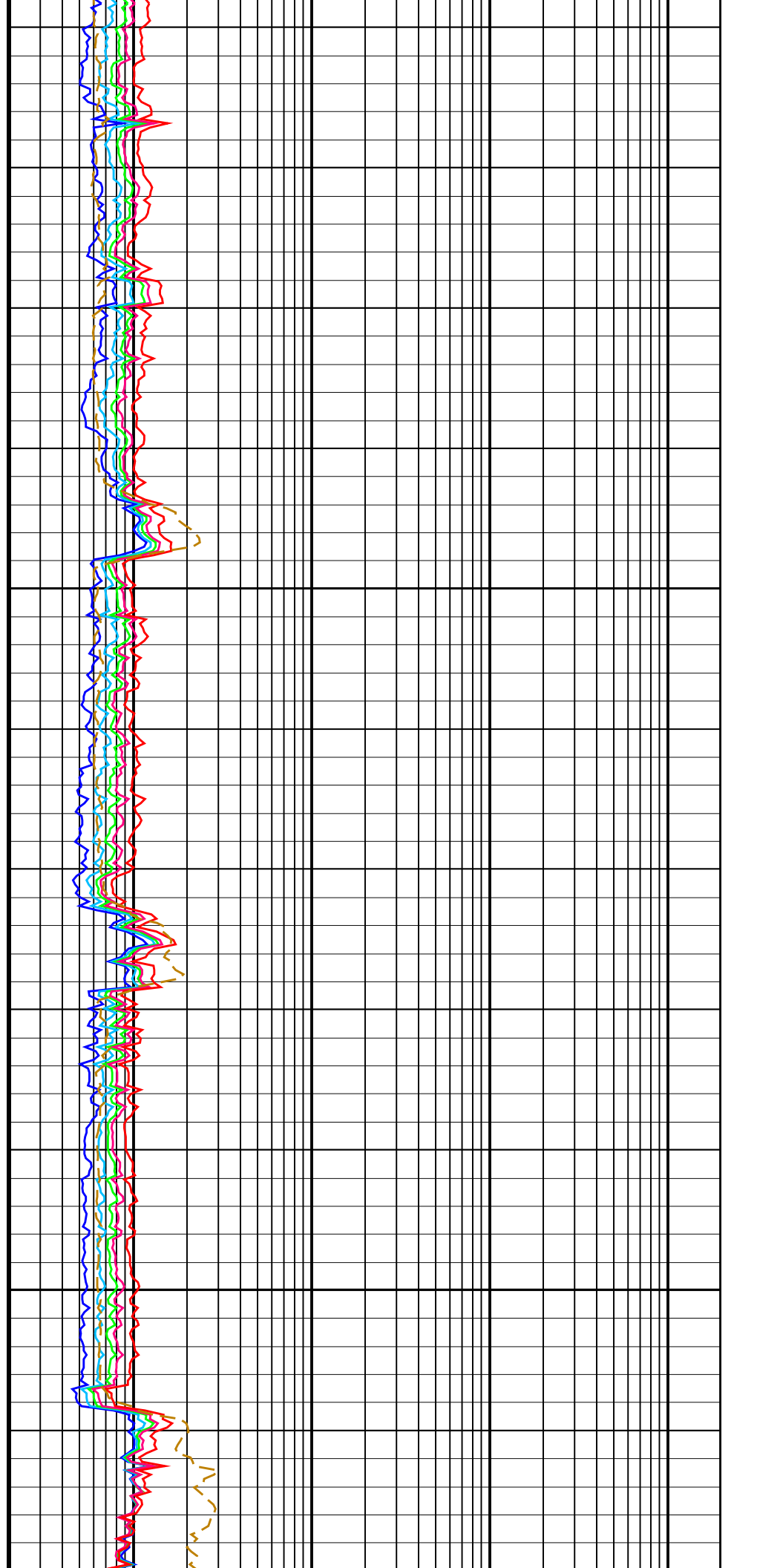
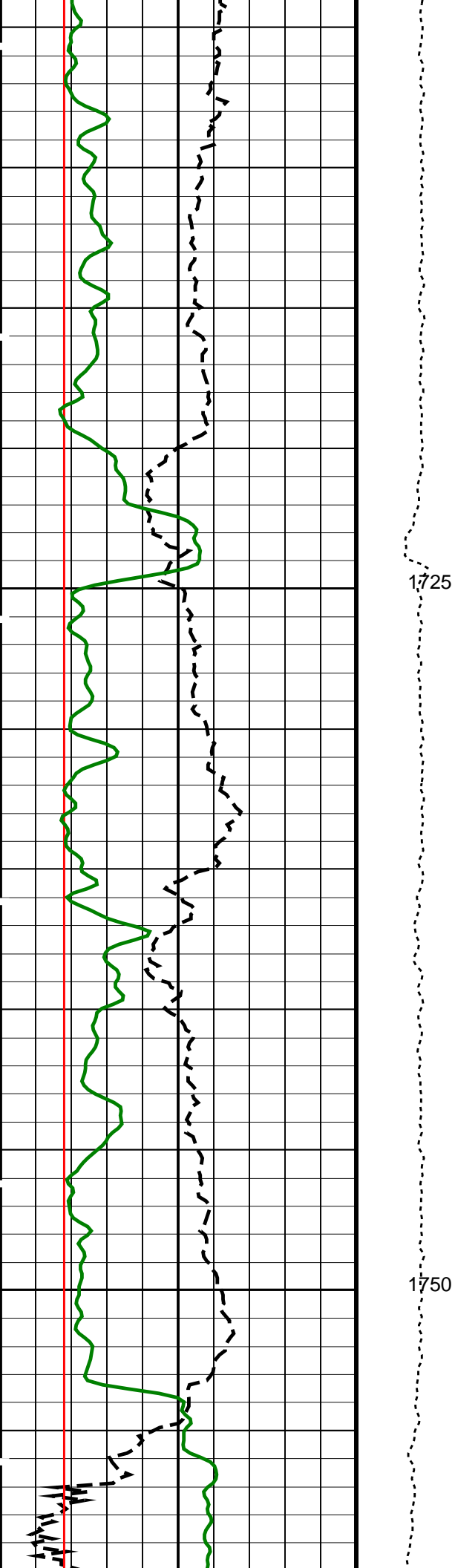


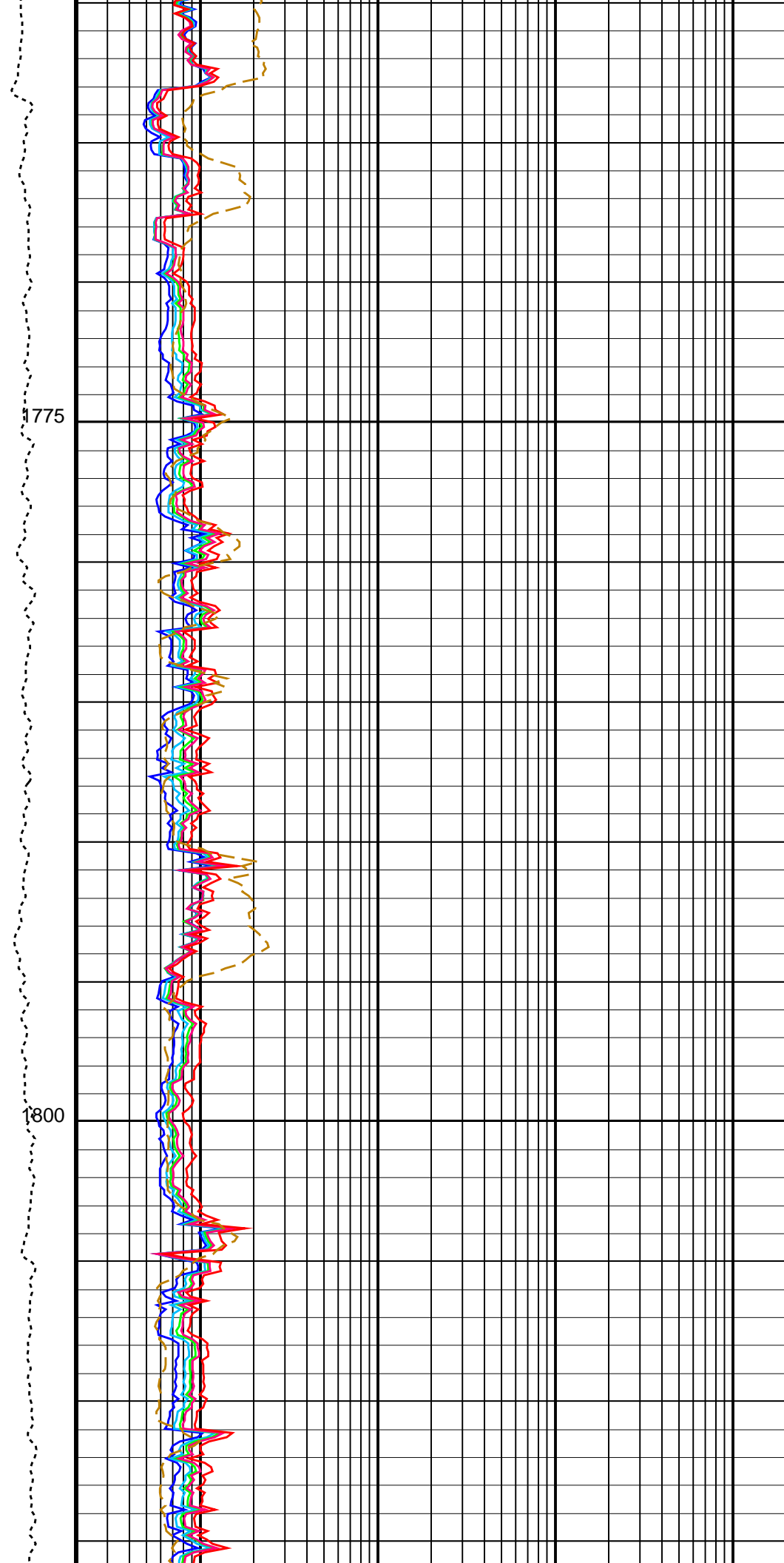
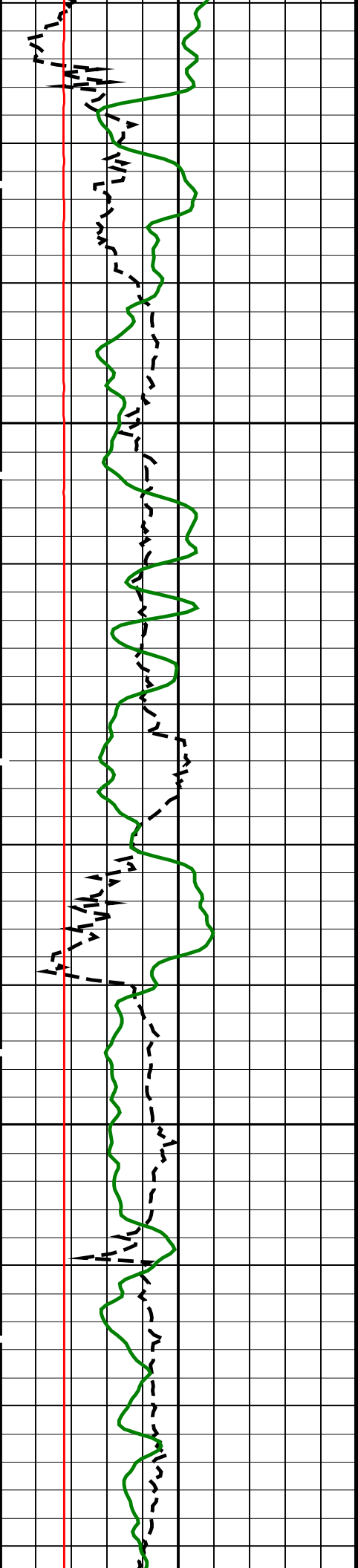
1600

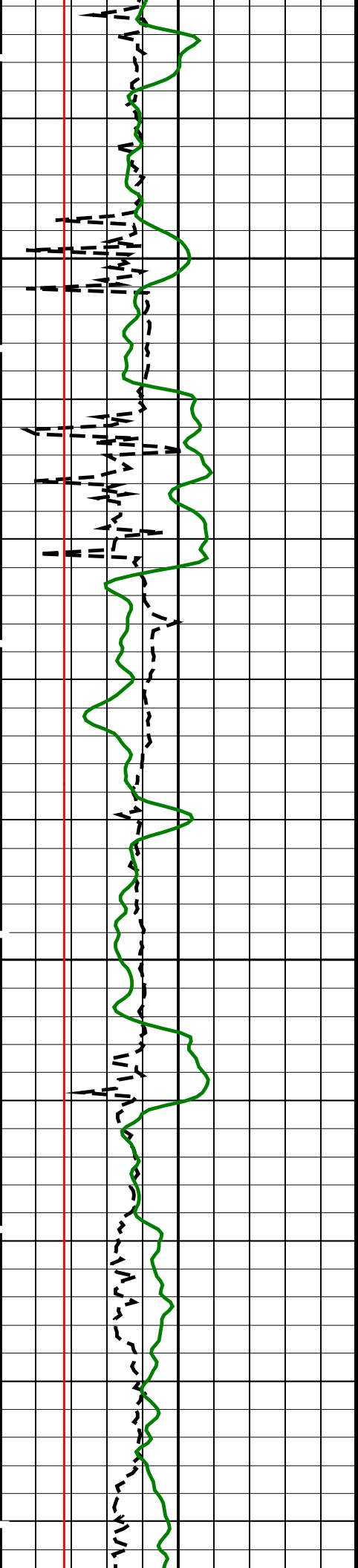
1625





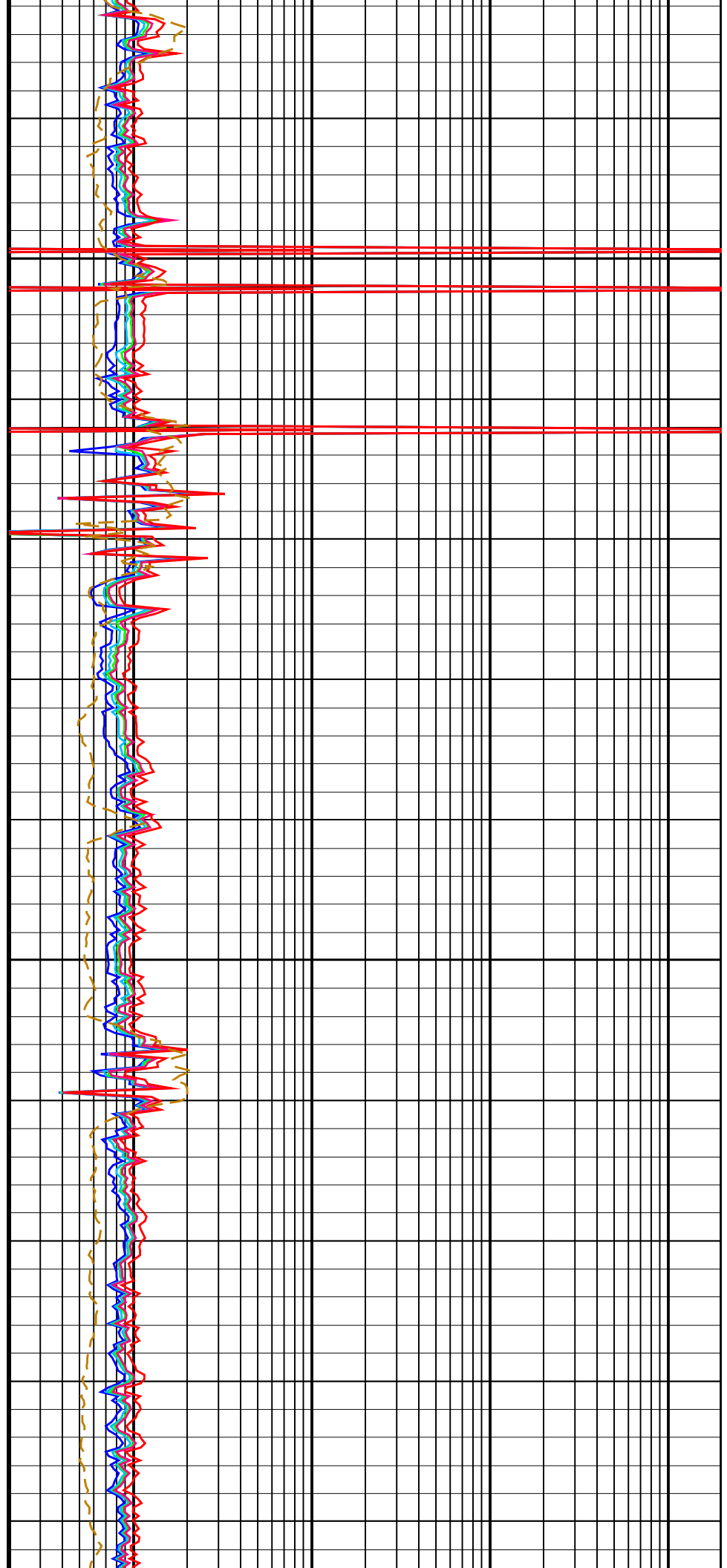


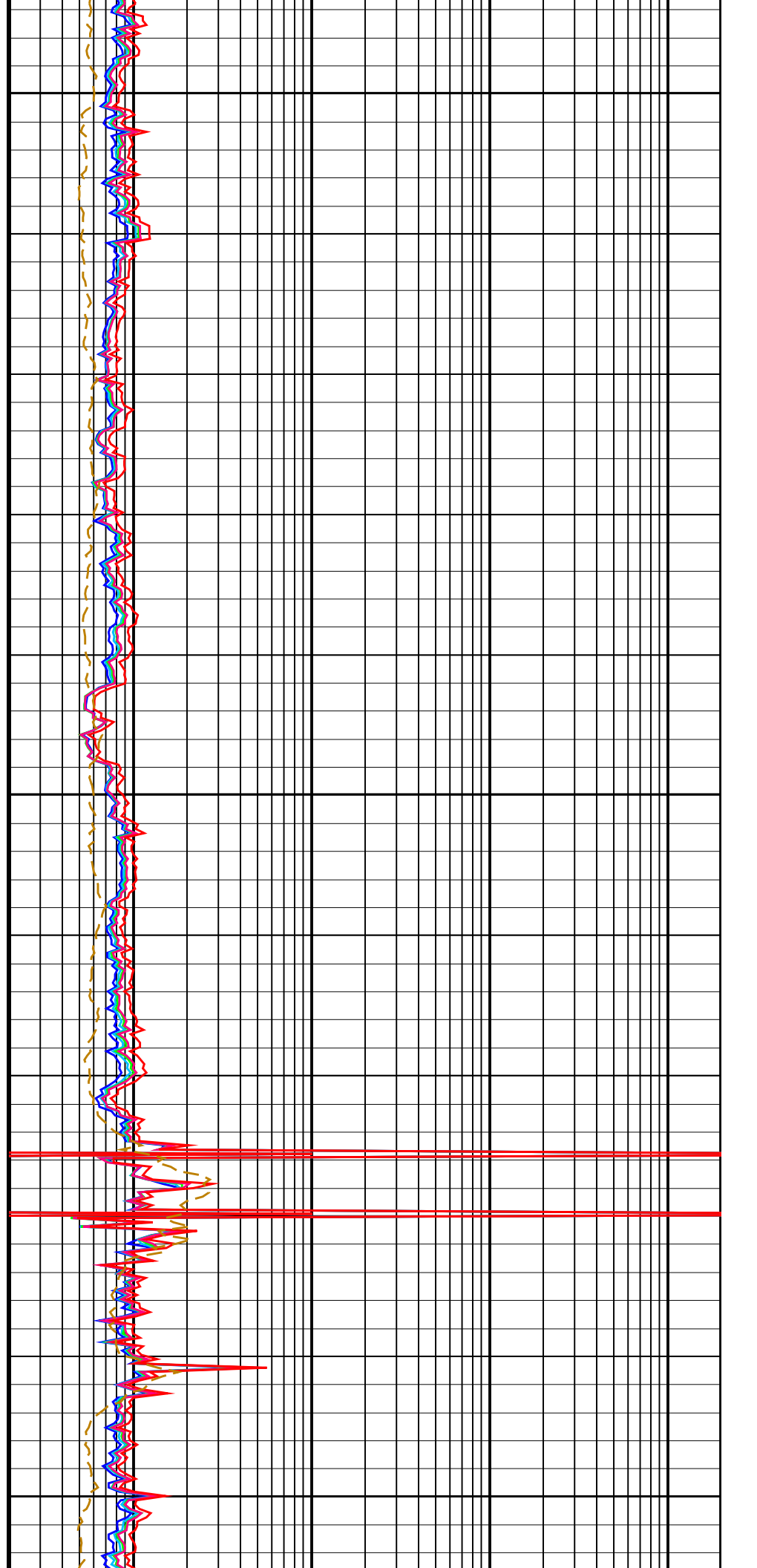
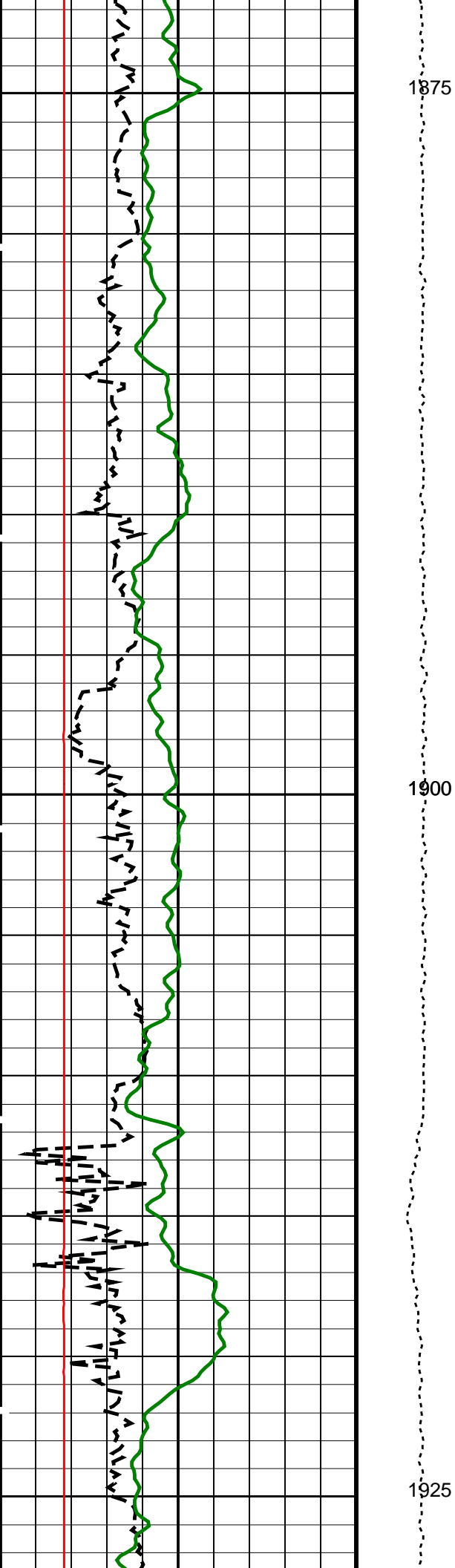


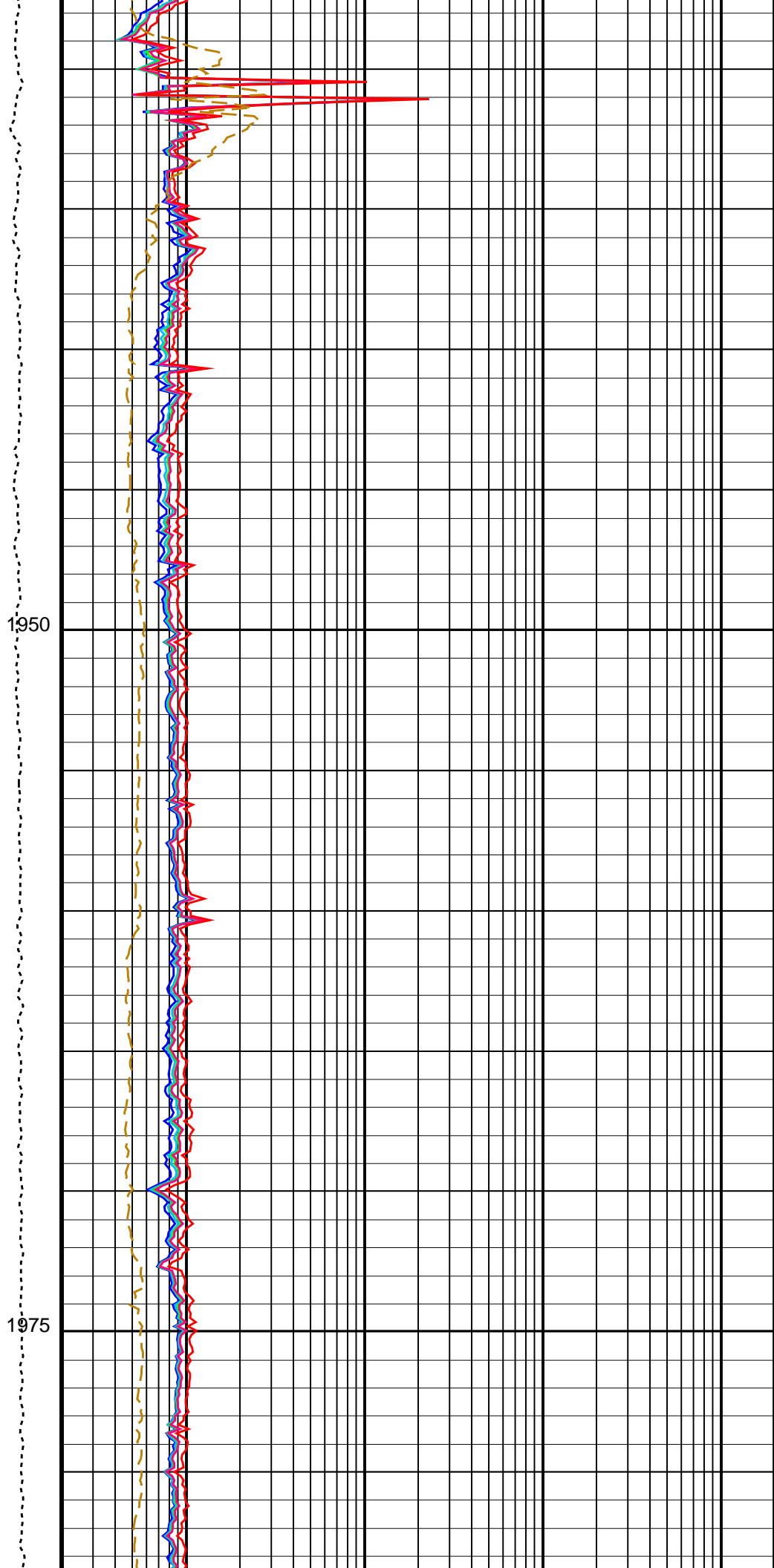
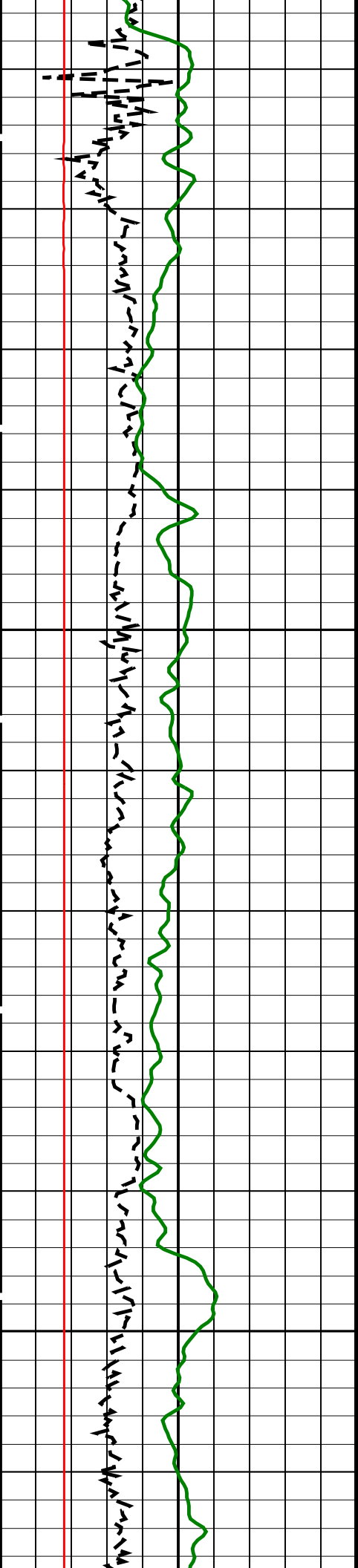


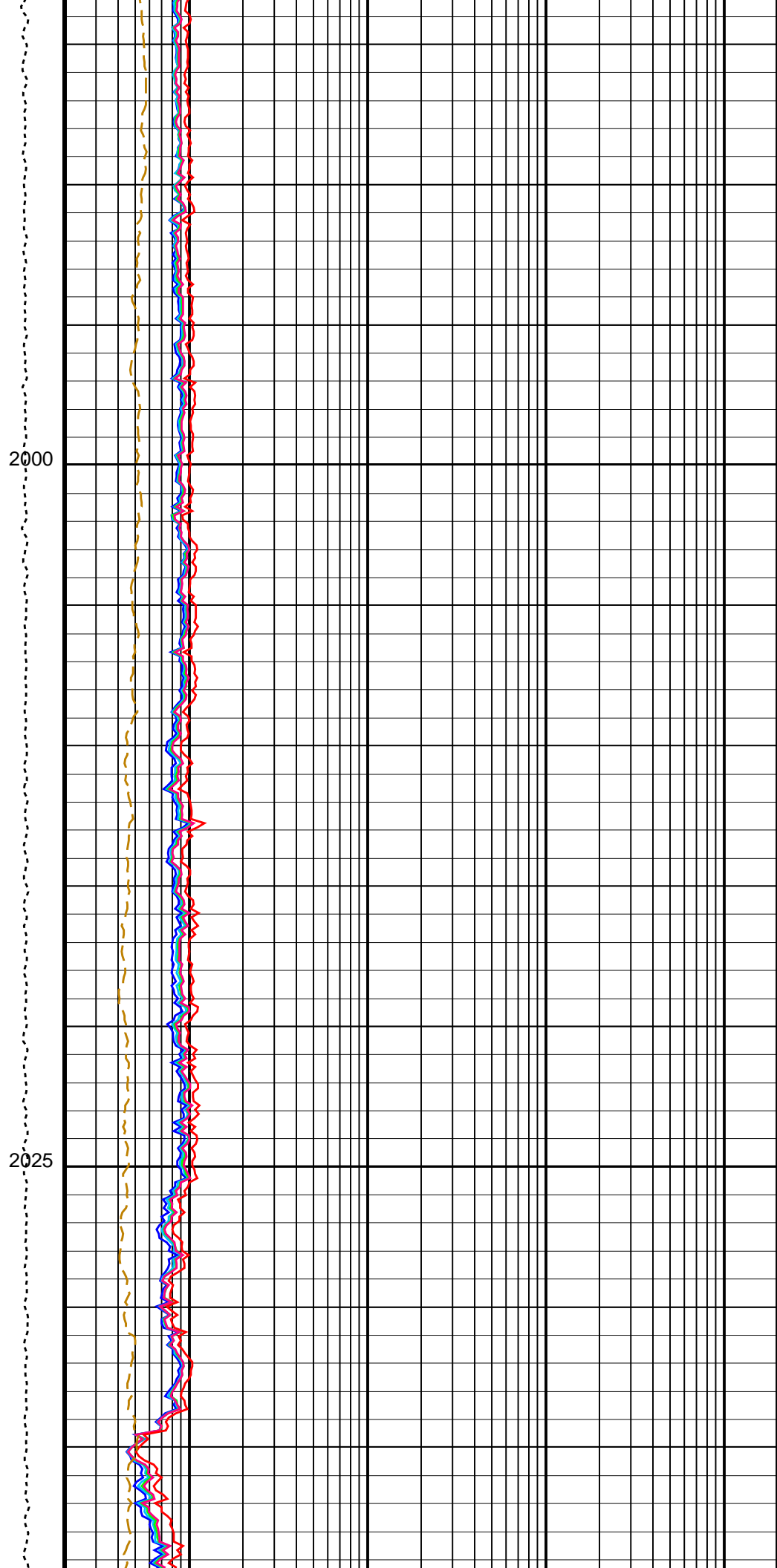
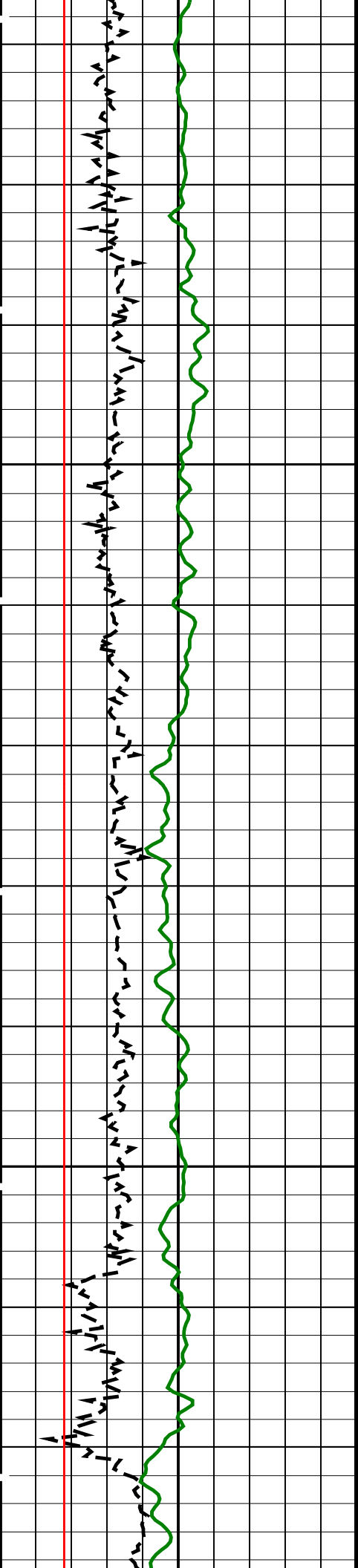
1825

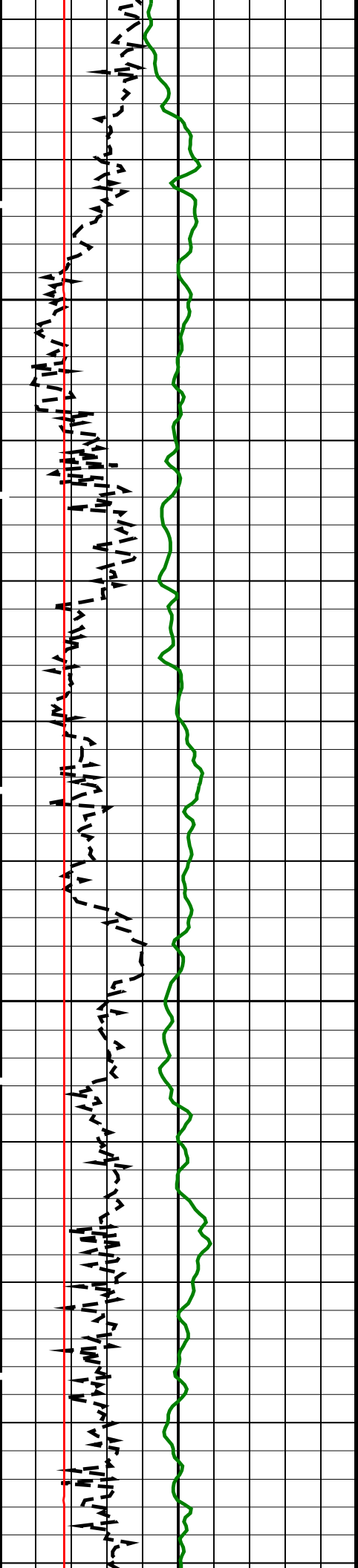
1850





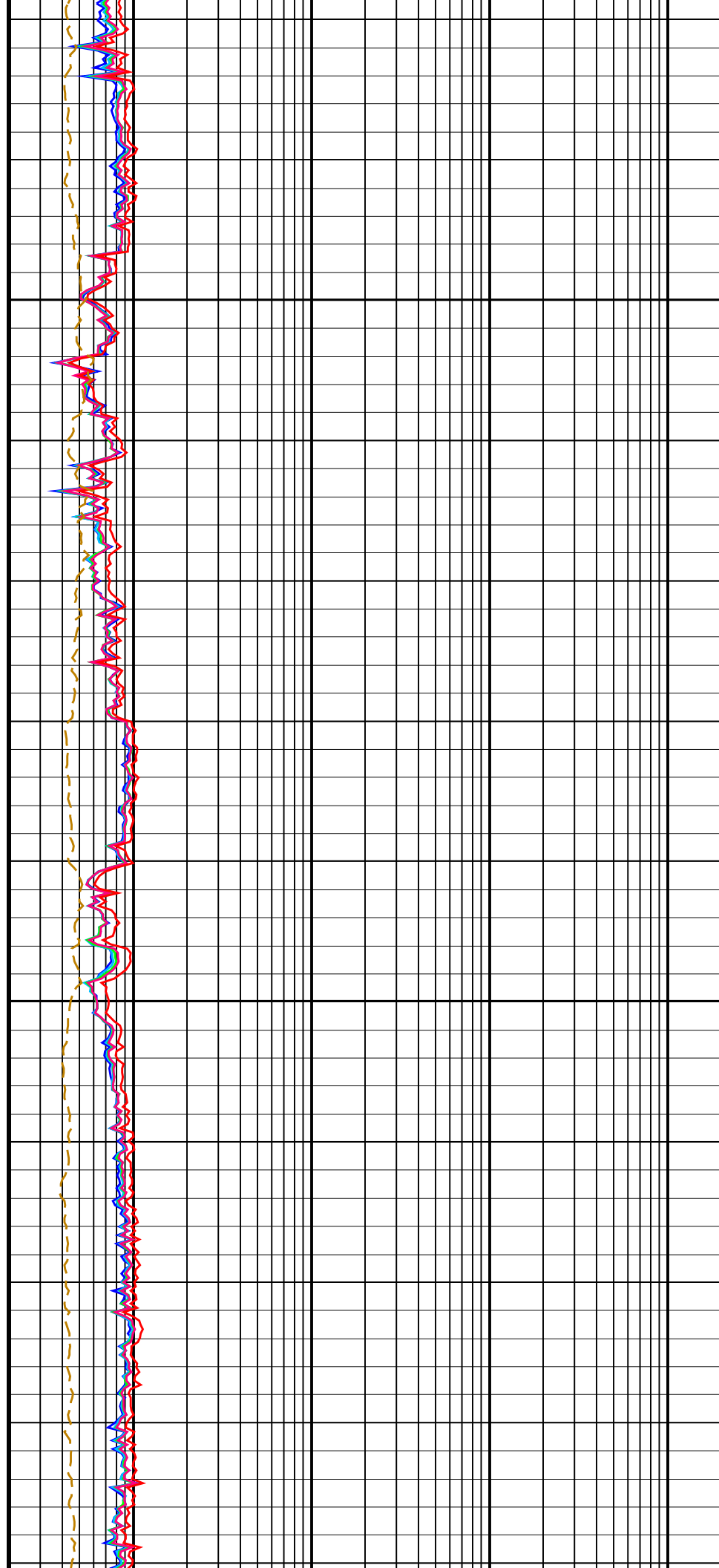


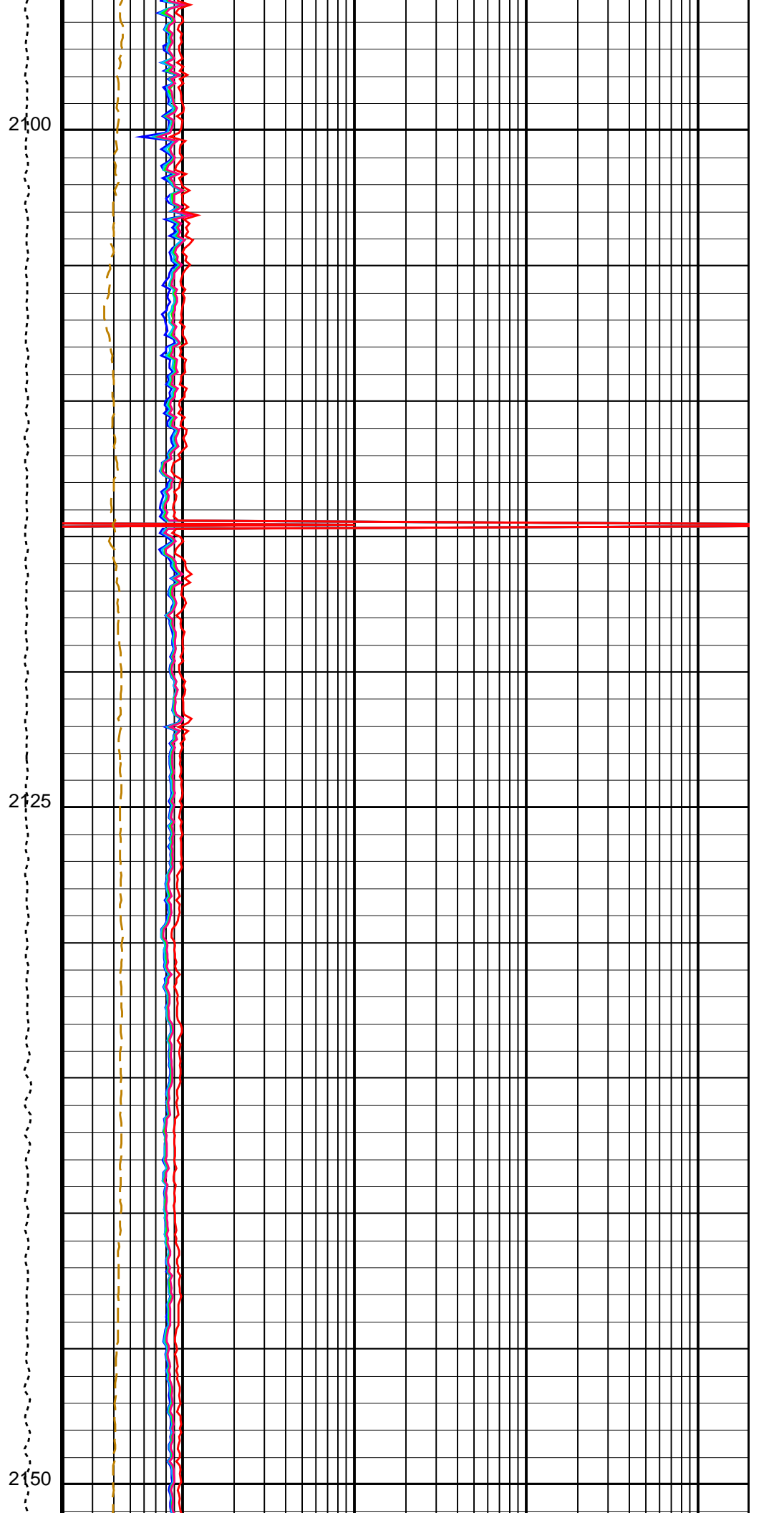
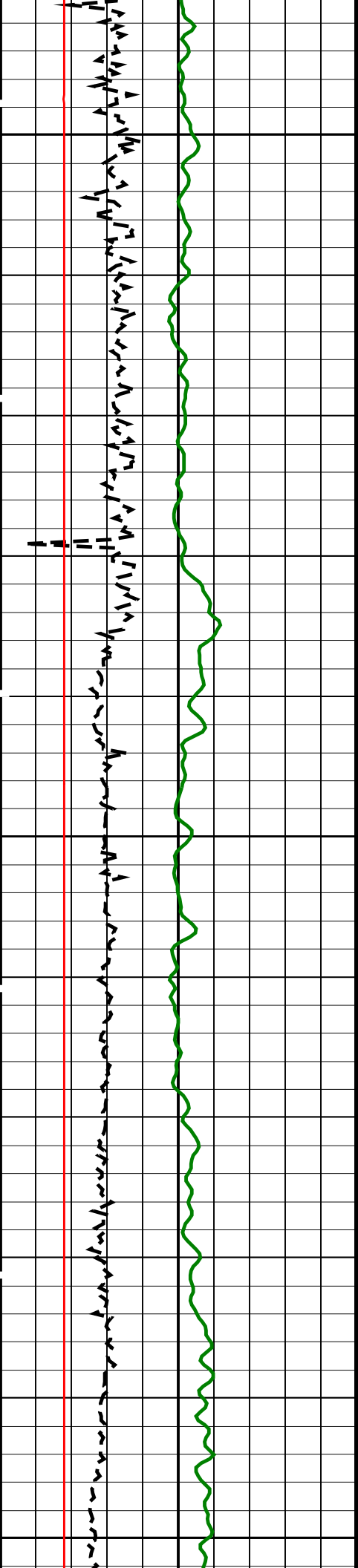


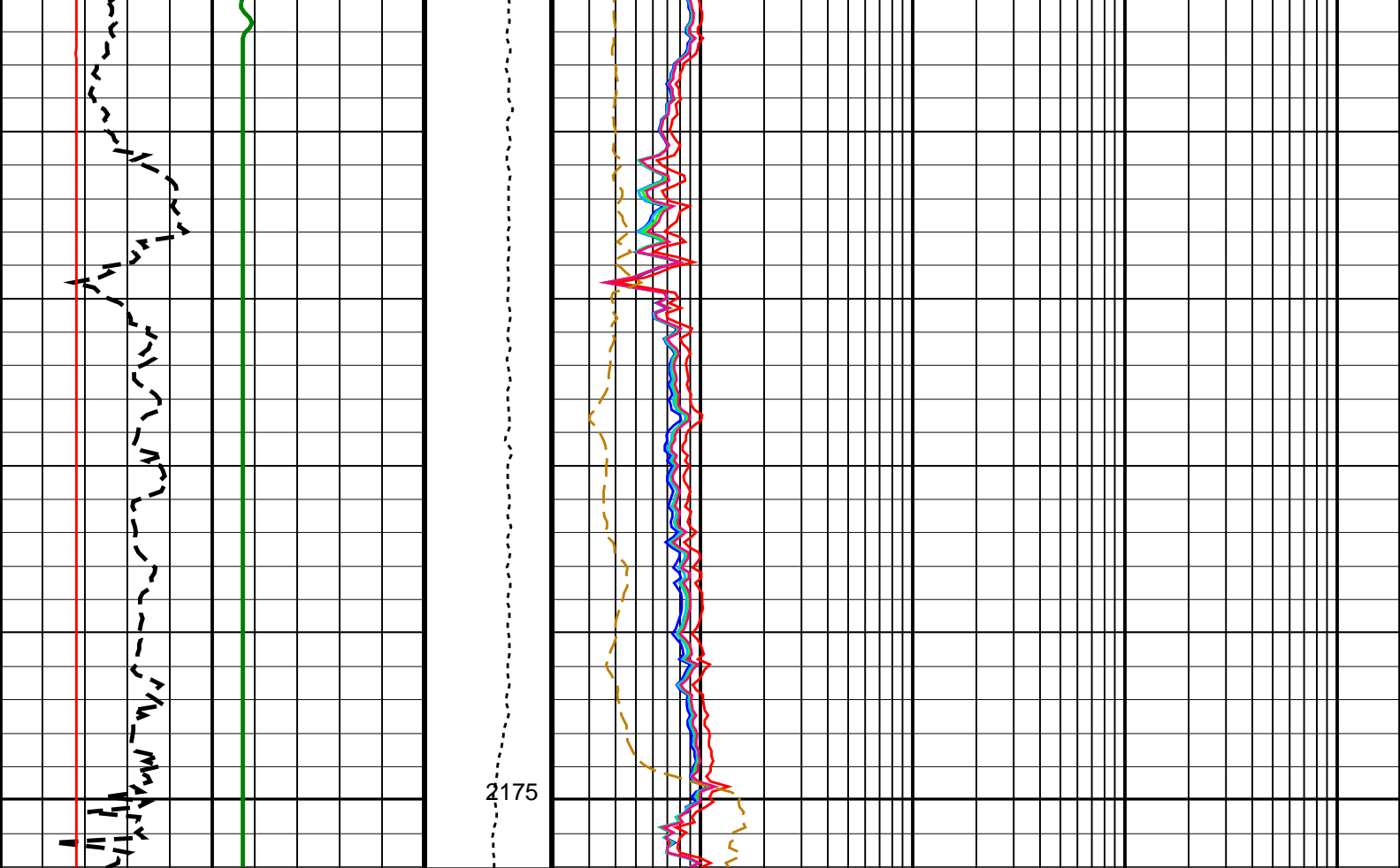


2050

2075







HLDS Caliper (LCAL) (IN)	0	20
Invasion Diameter (DI_HRLT) (IN)	0	50
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)	0	150
Tension (TENS) (LBF)	0	5000
HRLT Resistivity 1 (RLA1) (OHMM)	0.2	2000
HRLT Resistivity 2 (RLA2) (OHMM)	0.2	2000
HRLT Resistivity 3 (RLA3) (OHMM)	0.2	2000
HRLT Resistivity 4 (RLA4) (OHMM)	0.2	2000
HRLT Resistivity 5 (RLA5) (OHMM)	0.2	2000
HRLT Mud Resistivity (RM_HRLT) (OHMM)	0.02	200

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
HRLT-B: High Resolution Laterolog Array - B		
BHS	Borehole Status	OPEN
BHT	Bottom Hole Temperature (used in calculations)	35 DEGF
GCSE	Generalized Caliper Selection	LCAL
GGRD	Geothermal Gradient	0.01 DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE
KFAC_HRLT	HRLT K Factor Option	SONDE
PROCINV	Inversion Selection	ON
PROCMFL	Inversion Micro-Resistivity Selection	NO_EXTERNAL_RXO
PROCMSO	Mechanical Standoff Fin Size	0 IN
PROCRM	Processing Mud Resistivity Select	HRLT Compute

PROCSPO	Sonde Position	Centered	
SHT	Surface Hole Temperature	68	DEGF
APS-C: Accelerator-Porosity Tool			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
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	
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
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	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.00475476	
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	
SHT	Surface Hole Temperature	68	DEGF
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.00123	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.994242	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.02	G/C3
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	
TD	Total Depth	10190.3	FT

Format: HRLT

Vertical Scale: 1:200

Graphics File Created: 06-Jul-2024 11:53

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Input DLIS Files

DEFAULT	Flip_MSS_LDEO_HRLA_019LUP	PRODUCER	06-Jul-2024 11:52	2188.3 M	1547.6 M
---------	---------------------------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	MSS_LDEO_HRLA_LDL_021PUP	FN:26	PRODUCER	06-Jul-2024 11:53
RTB	MSS_LDEO_HRLA_LDL_021PUP	FN:27	PRODUCER	06-Jul-2024 11:53

Company: International Ocean Discovery Program

Well: Expedition 403, Site U1620D

Input DLIS Files

DEFAULT	Flip_MSS_LDEO_HRLA_019LUP	PRODUCER	06-Jul-2024 11:52	2188.3 M	1547.6 M
---------	---------------------------	----------	-------------------	----------	----------

Output DLIS Files

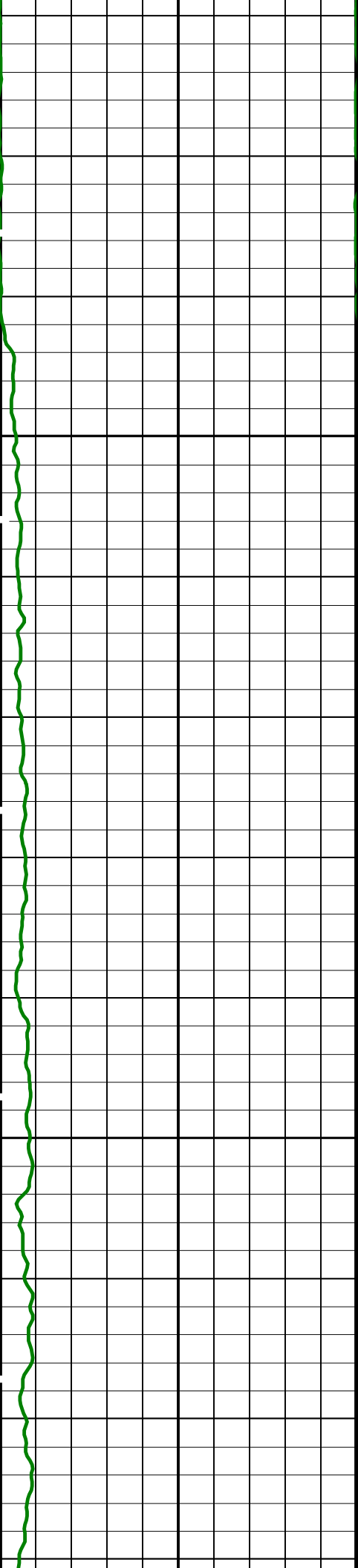
DEFAULT	MSS_LDEO_HRLA_LDL_021PUP	FN:26	PRODUCER	06-Jul-2024 11:53	2177.0 M	1547.6 M
RTB	MSS_LDEO_HRLA_LDL_021PUP	FN:27	PRODUCER	06-Jul-2024 11:53	2177.0 M	1547.6 M

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

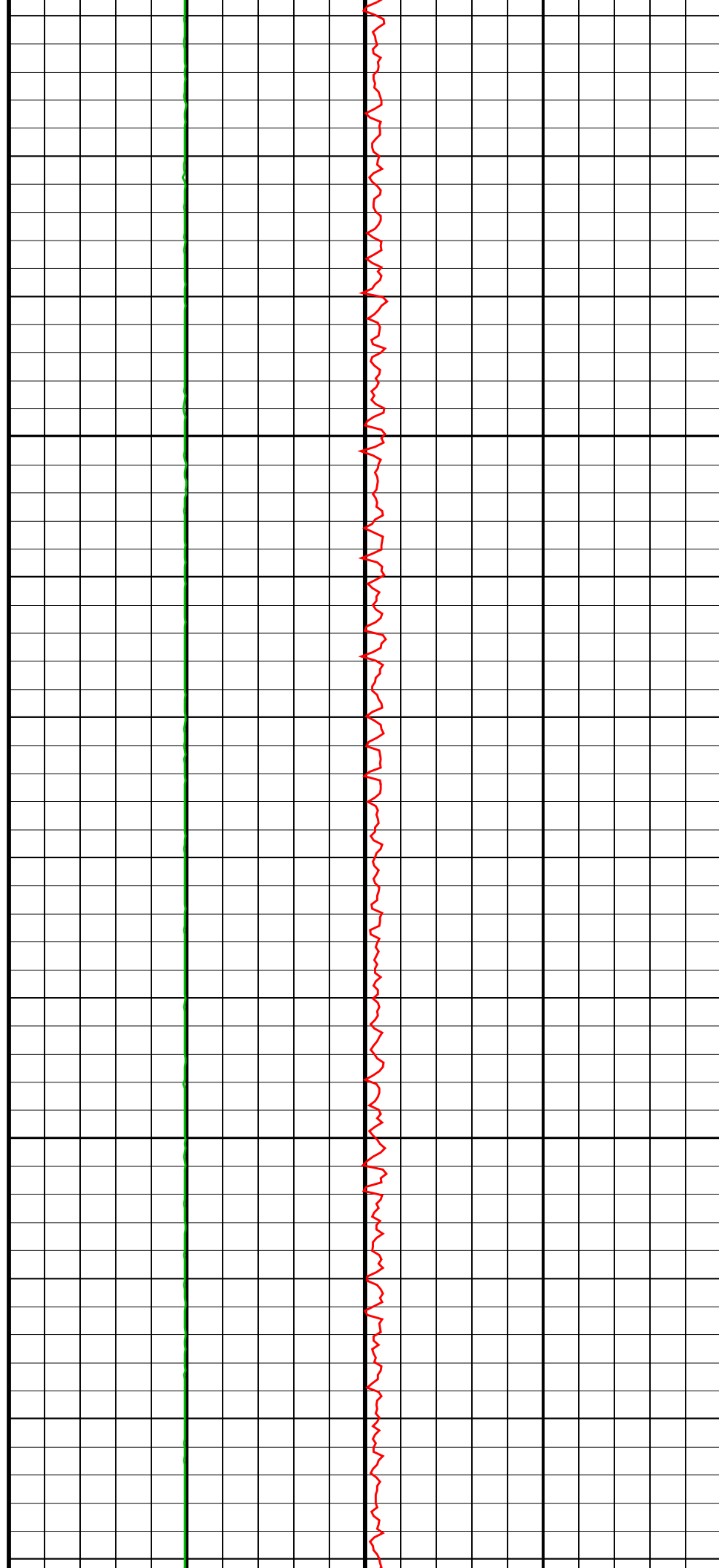
PIP SUMMARY

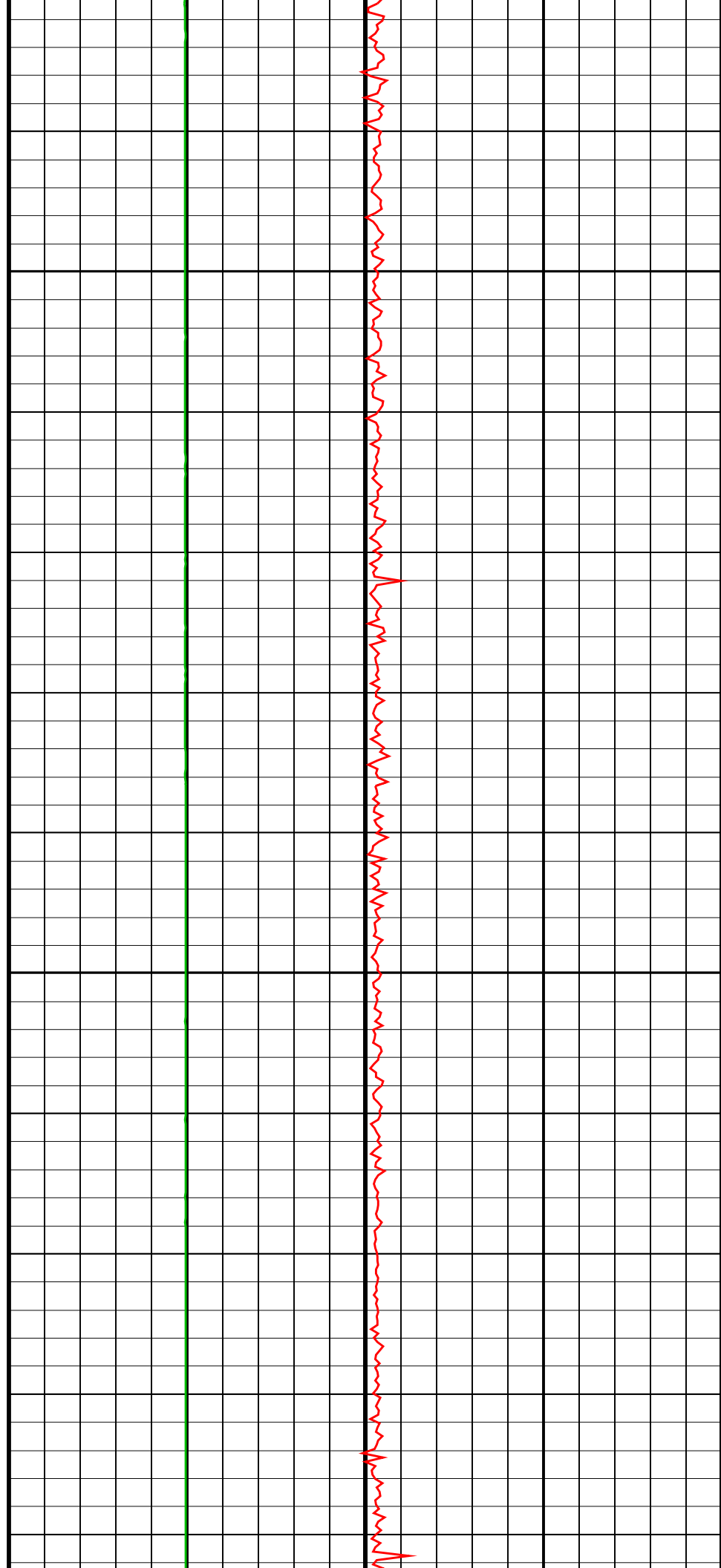
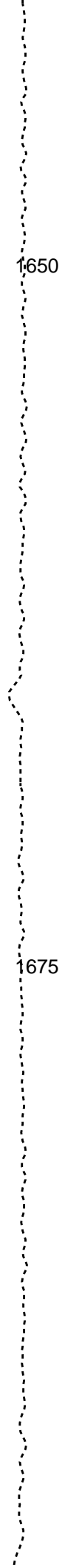
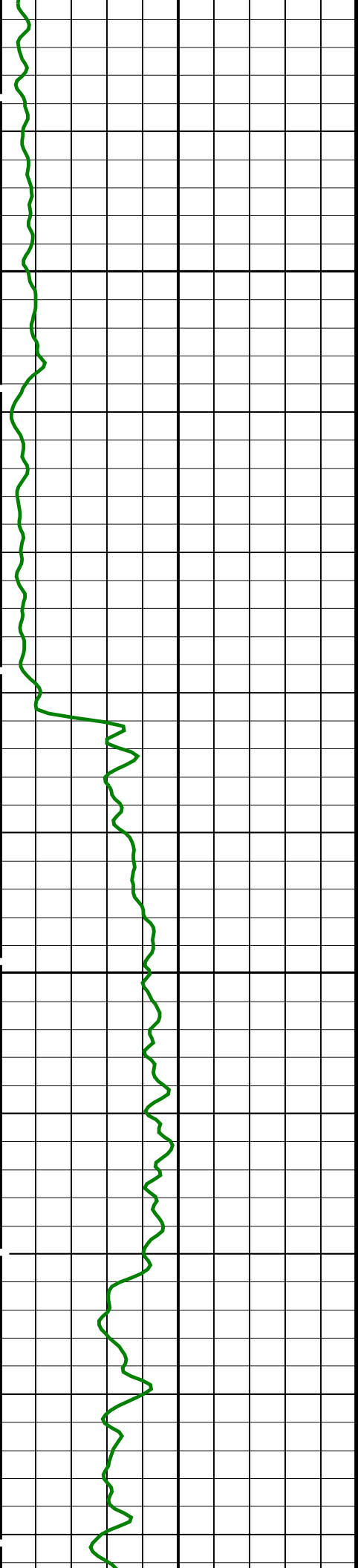


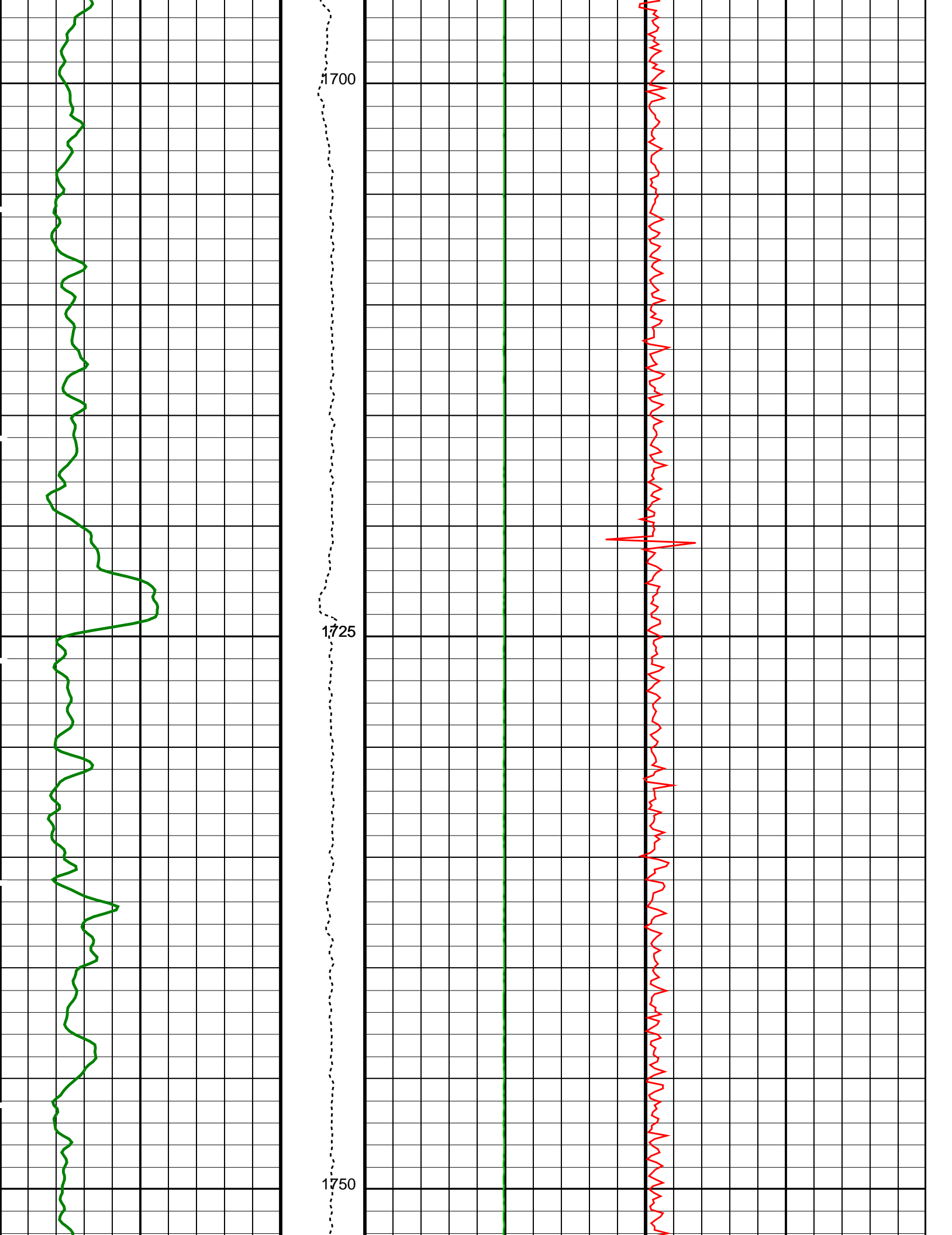


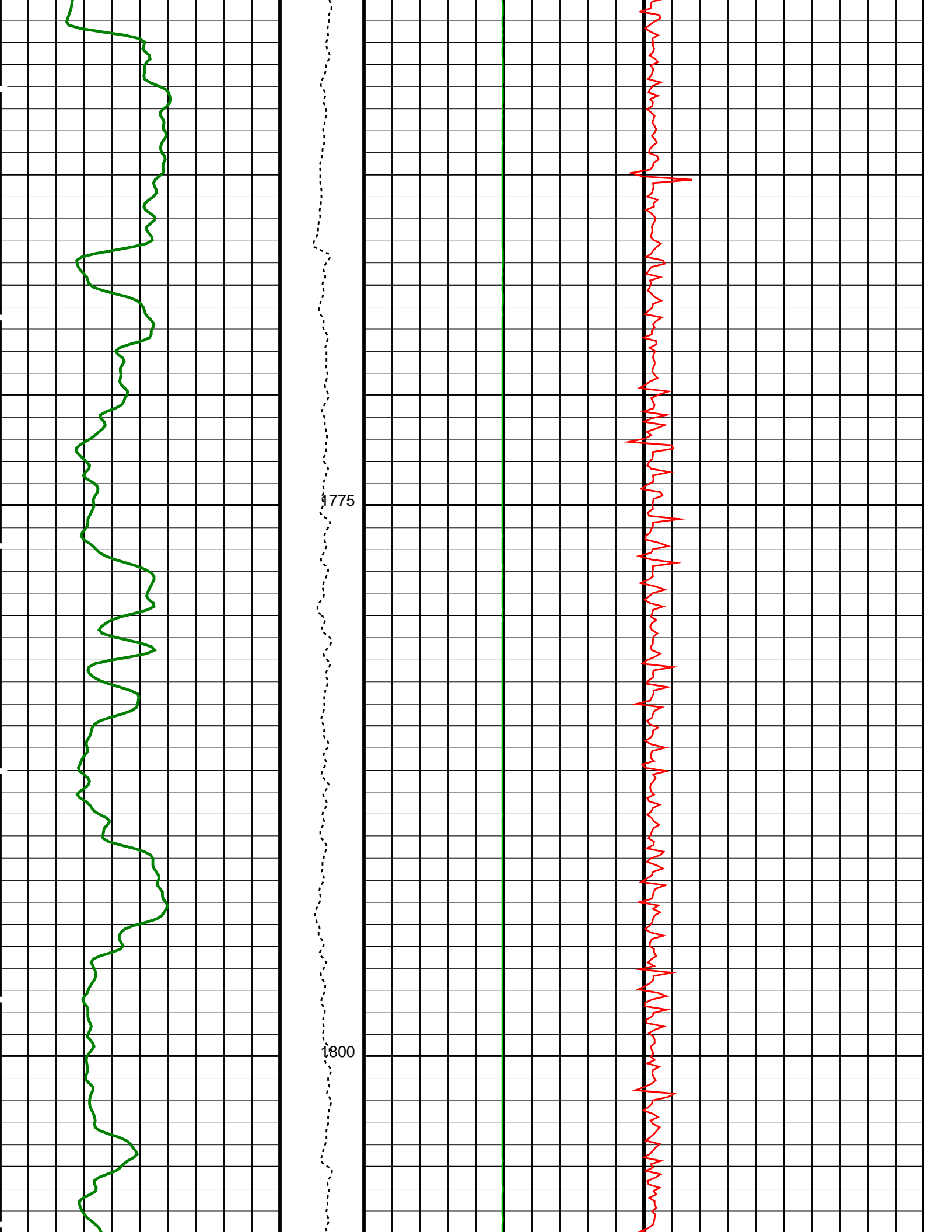
t600

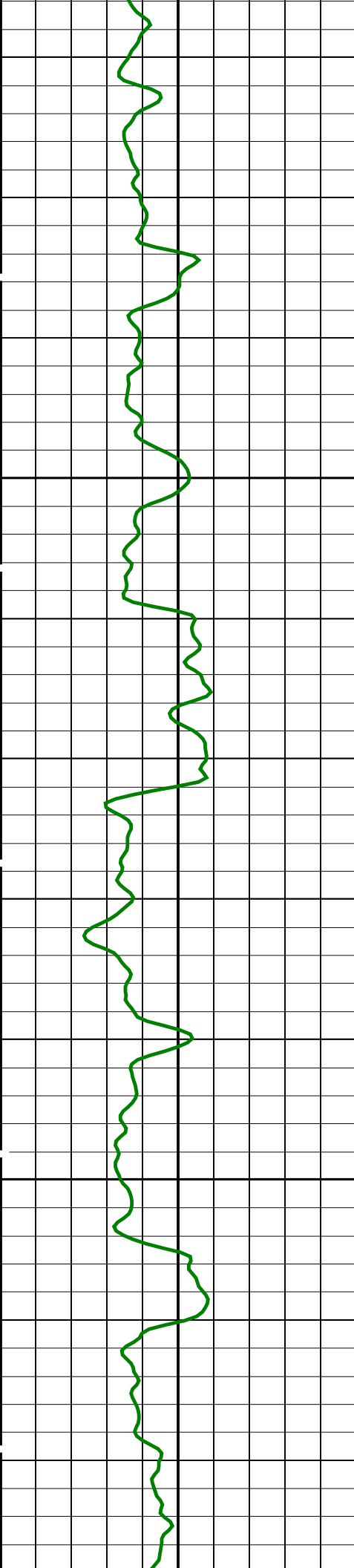
t625





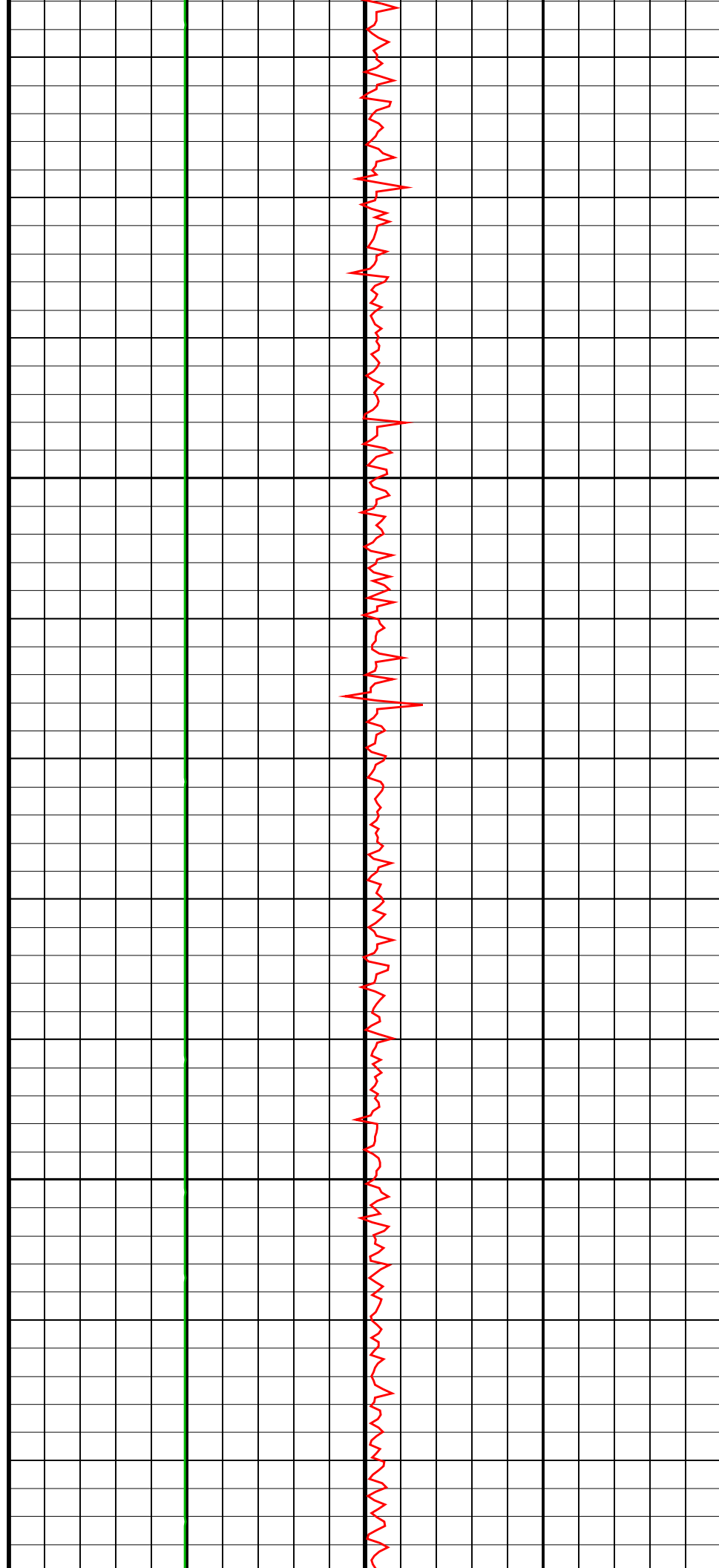


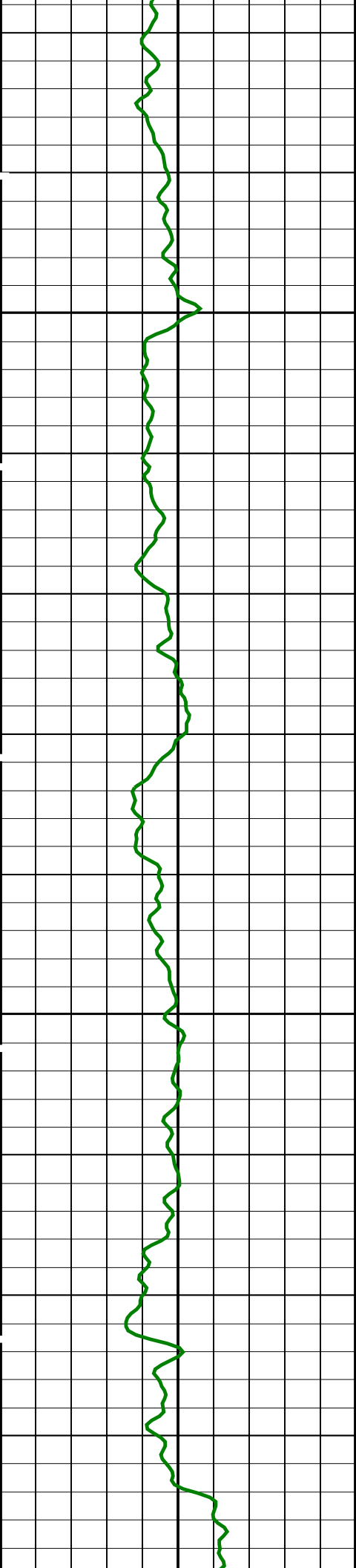




1825

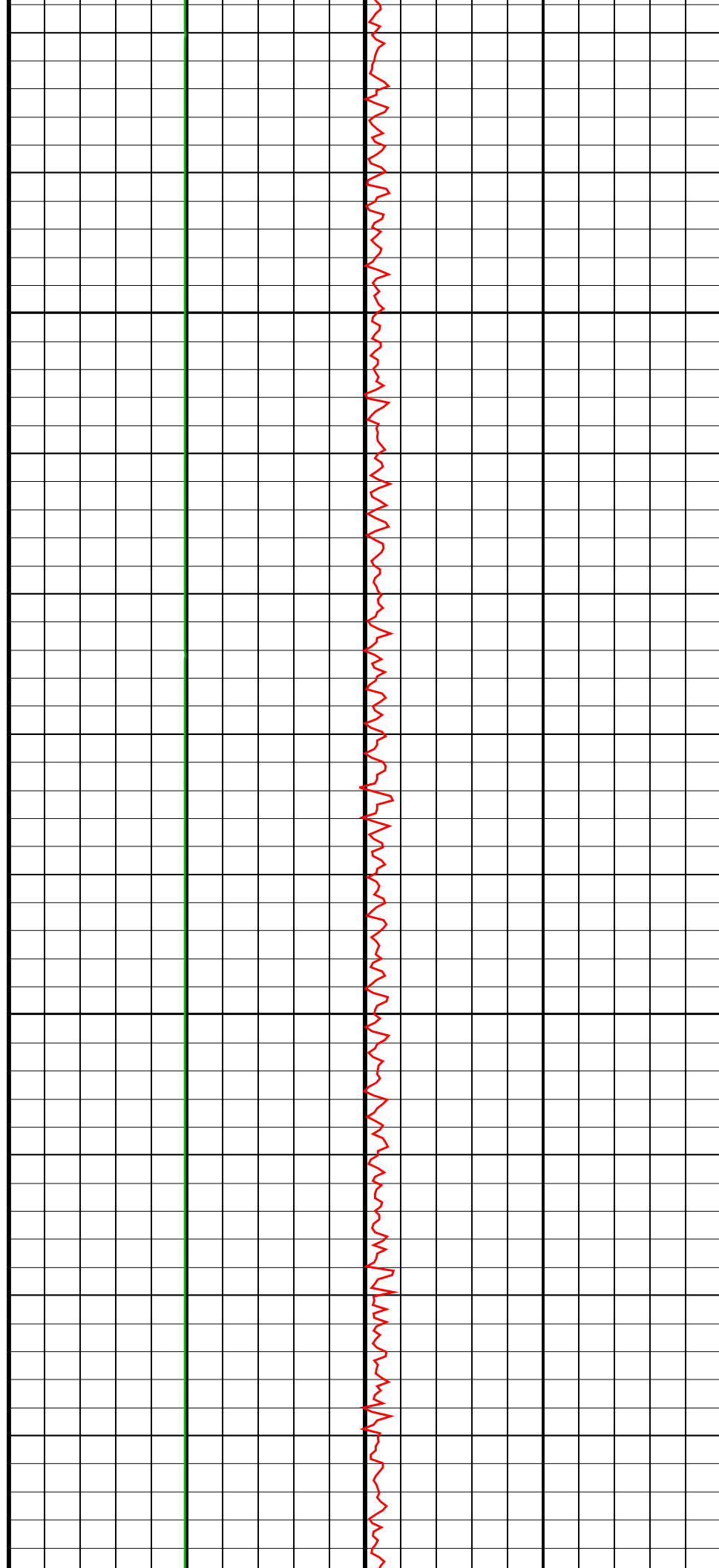
1850

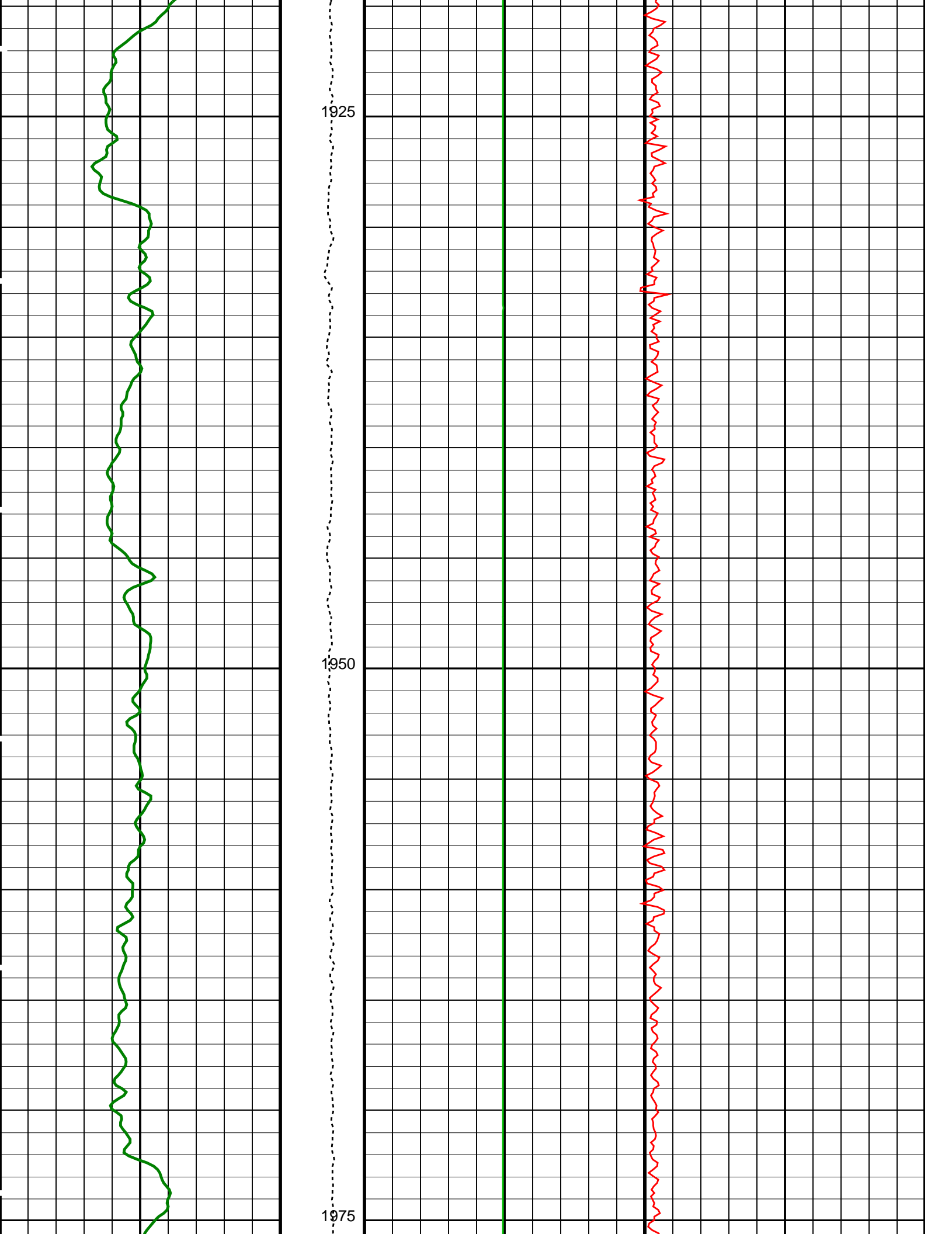


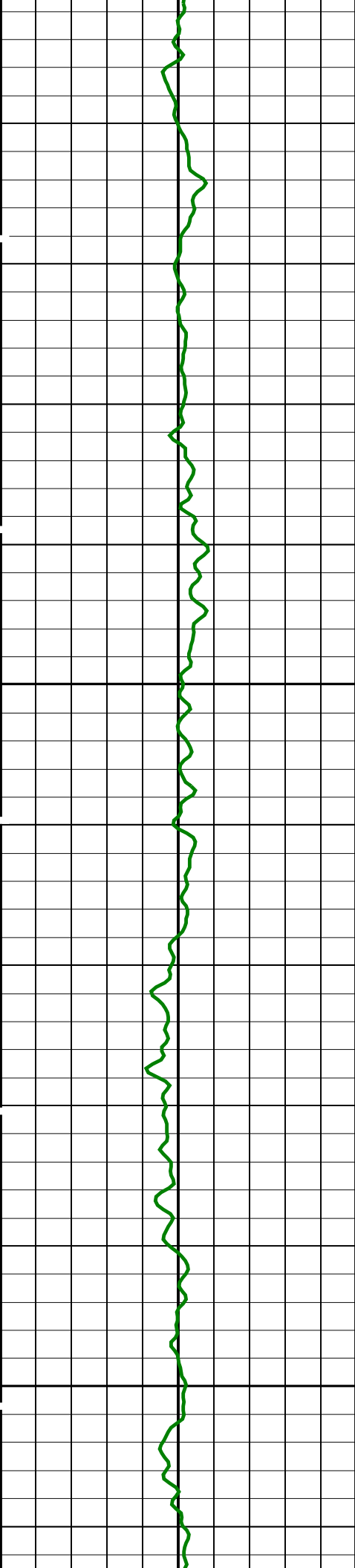


1875

1900

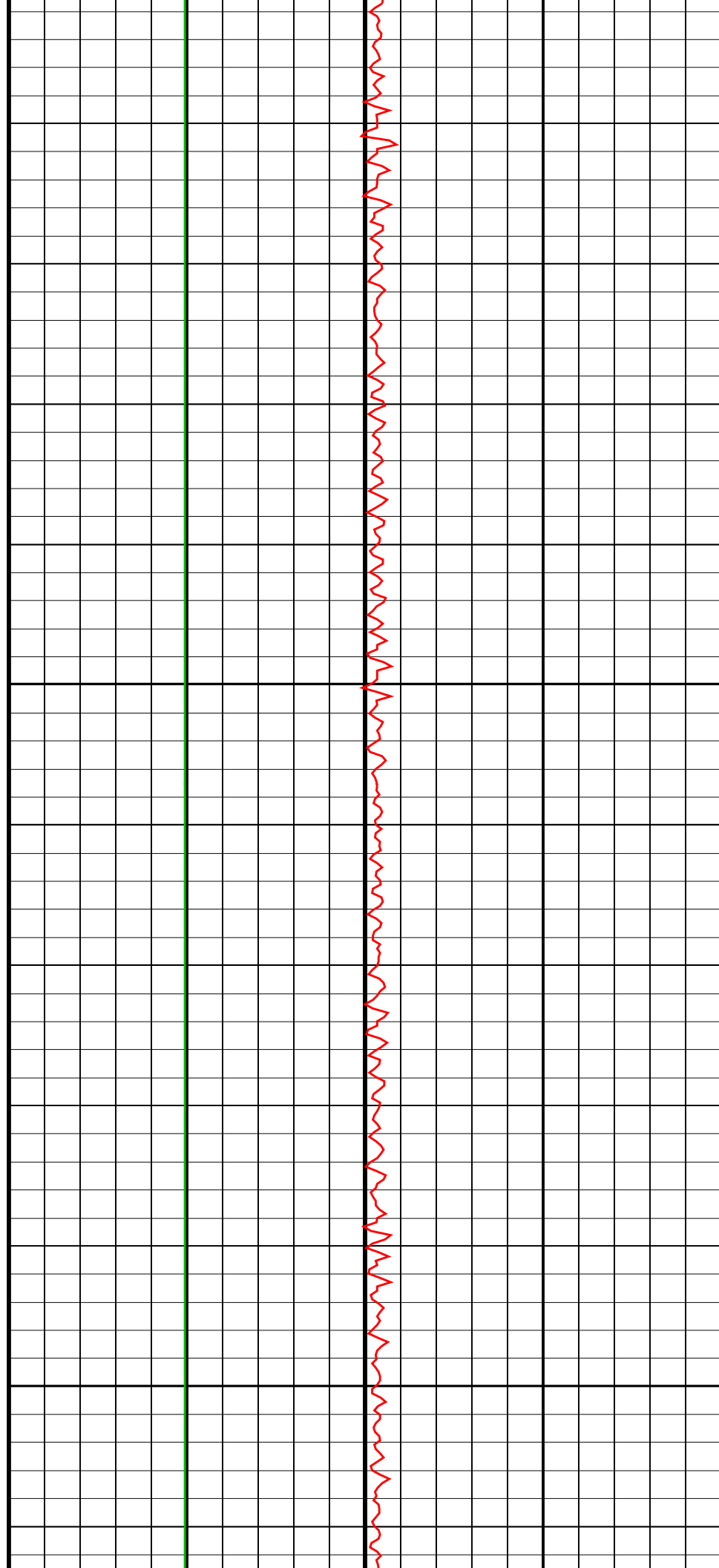


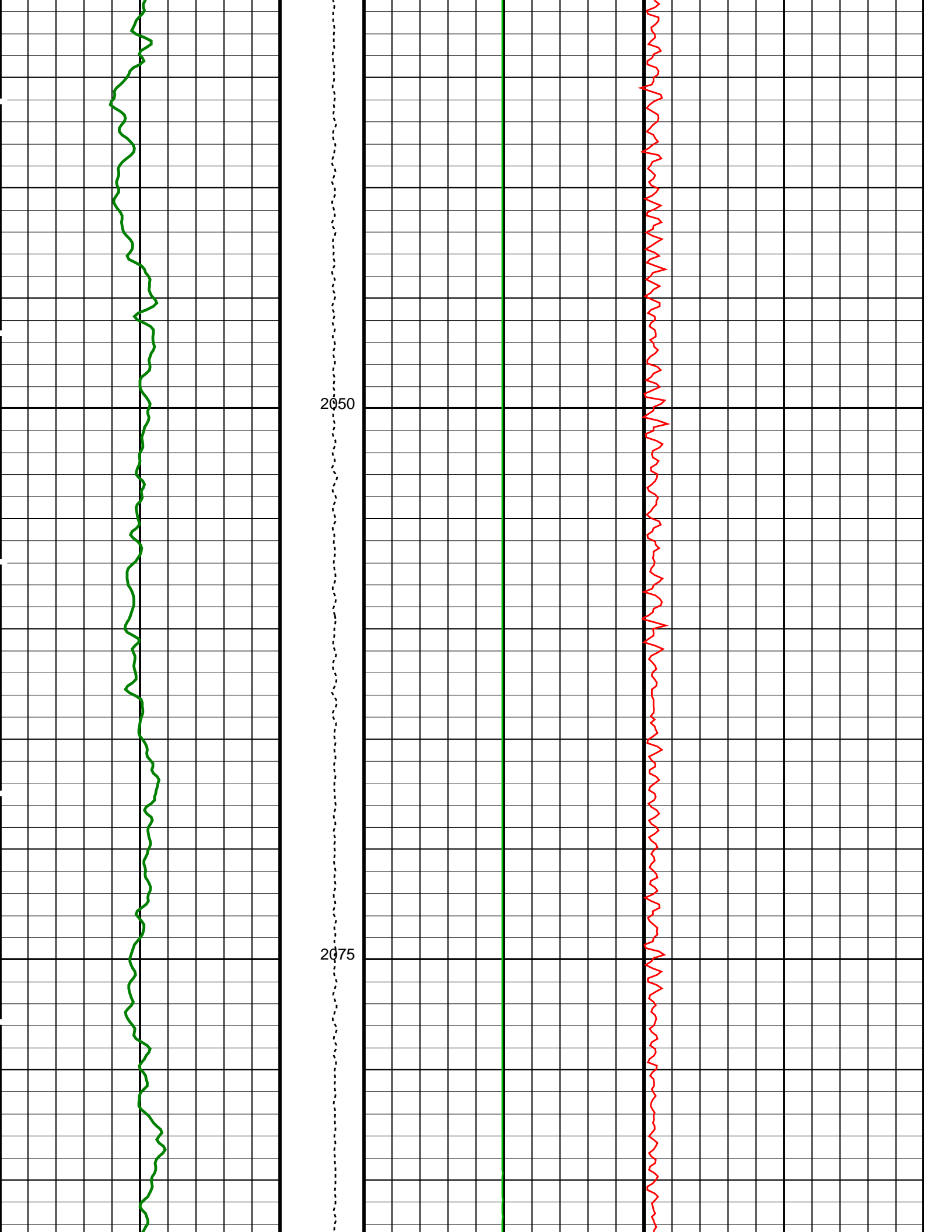


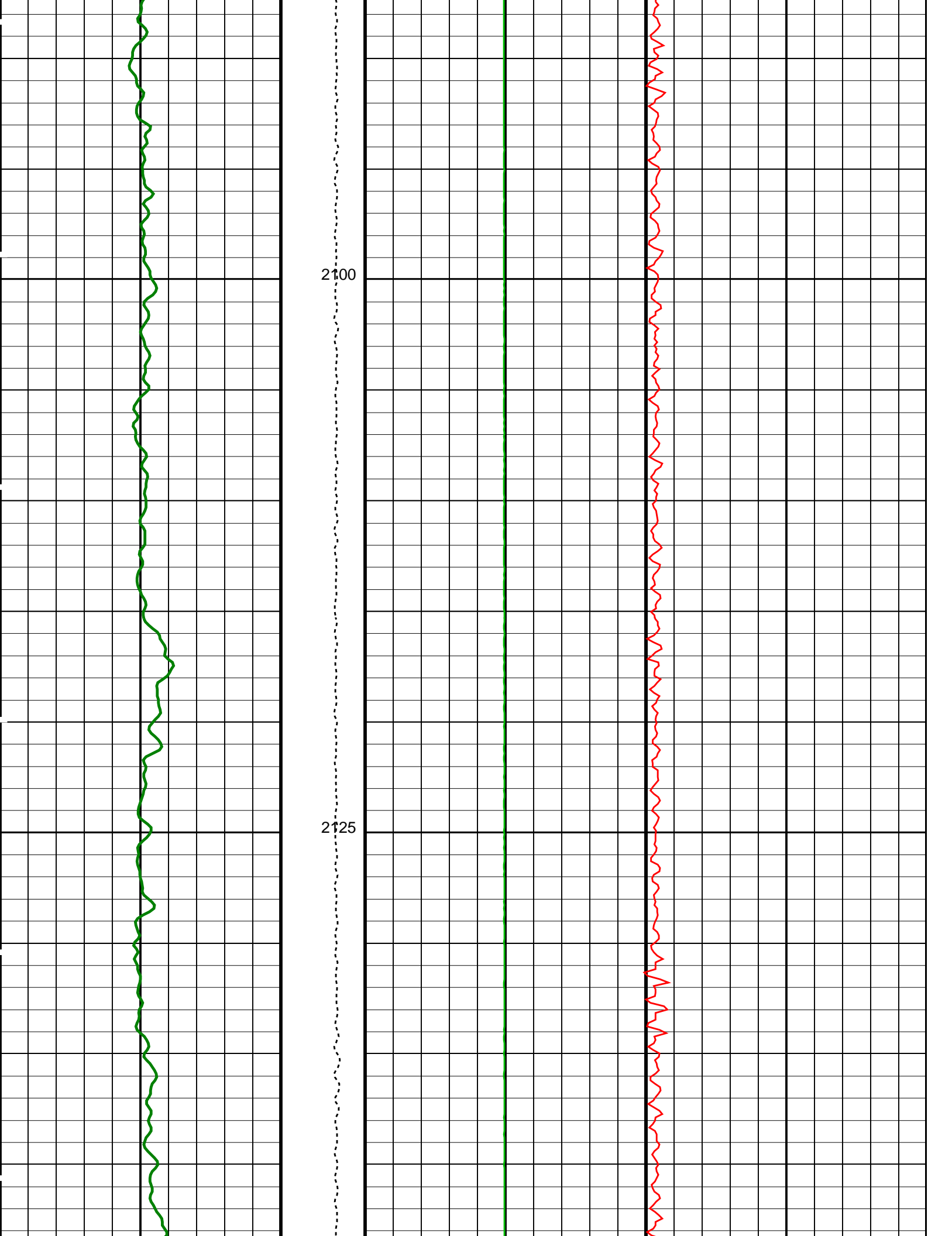


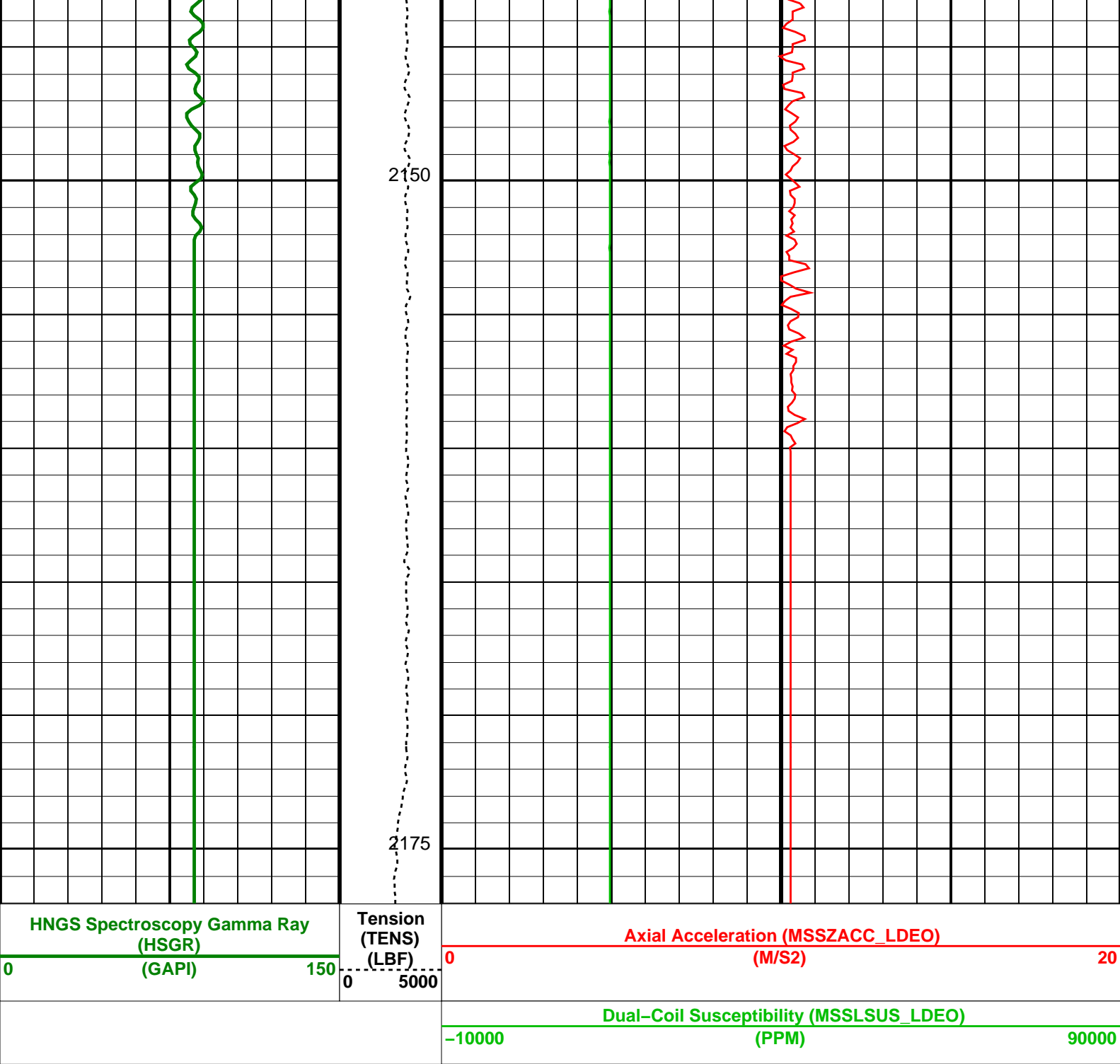
2000

2025









PIP SUMMARY

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
BHS	HRLT-B: High Resolution Laterolog Array - B	
BHS	Borehole Status	OPEN
GCSE	Generalized Caliper Selection	LCAL
BHS	APS-C: Accelerator-Porosity Tool	
BHS	Borehole Status	OPEN
GCSE	Generalized Caliper Selection	LCAL
BHS	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

DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	LCAL	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.00475476	
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	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.00123	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.994242	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	LCAL	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.02	G/C3
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: MSS_Logging

Vertical Scale: 1:200

Graphics File Created: 06-Jul-2024 11:53

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Input DLIS Files

DEFAULT	Flip_MSS_LDEO_HRLA_019LUP	PRODUCER	06-Jul-2024 11:52	2188.3 M	1547.6 M
---------	---------------------------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	MSS_LDEO_HRLA_LDL_021PUP	FN:26	PRODUCER	06-Jul-2024 11:53
RTB	MSS_LDEO_HRLA_LDL_021PUP	FN:27	PRODUCER	06-Jul-2024 11:53

Schlumberger

Repeat Pass
1:200 Scale

MAXIS Field Log

Company: International Ocean Discovery Program

Well: Expedition 403, Site U1620D

Input DLIS Files

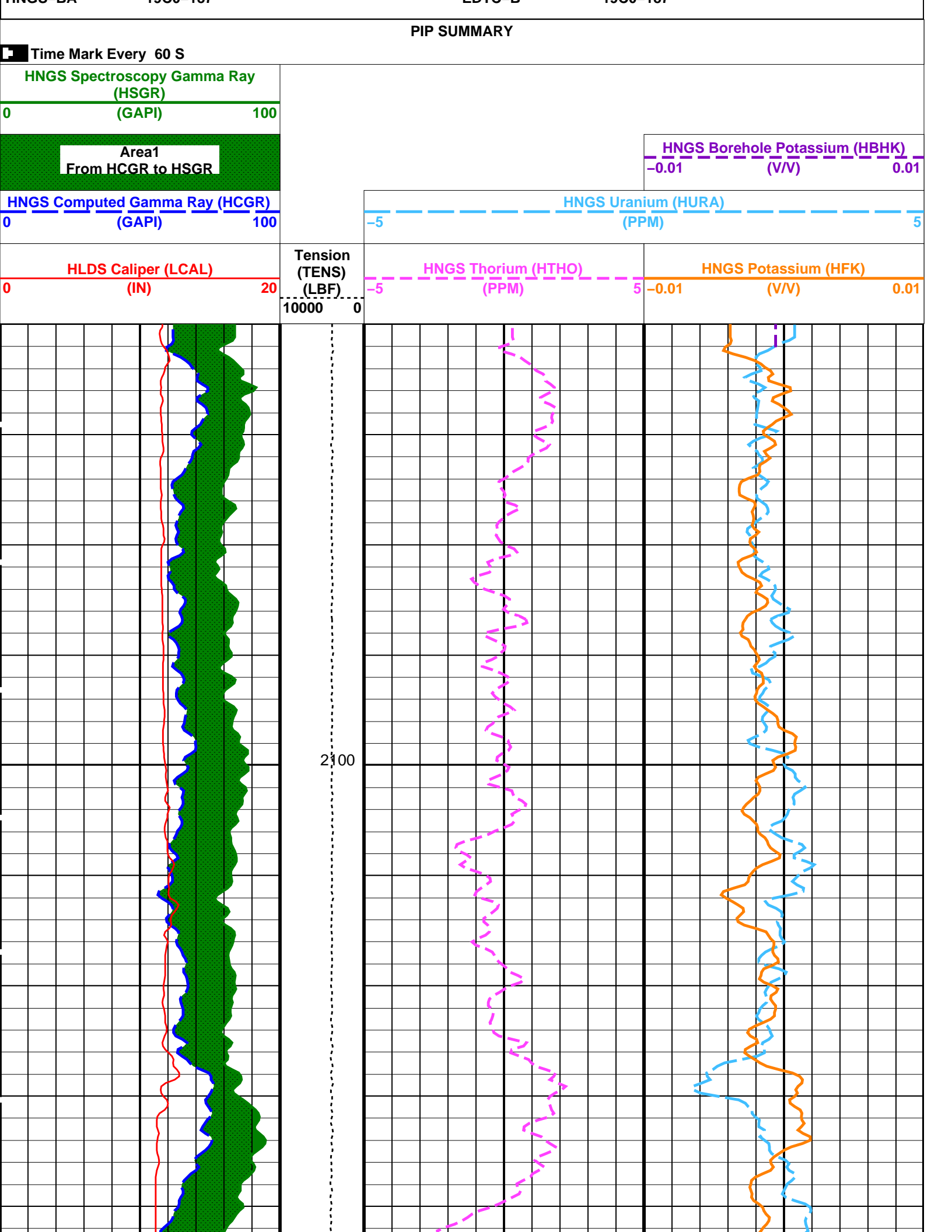
DEFAULT	MSS_LDEO_HRLA_LDL_010LUP	FN:11	PRODUCER	06-Jul-2024 08:51	2180.8 M	2079.9 M
---------	--------------------------	-------	----------	-------------------	----------	----------

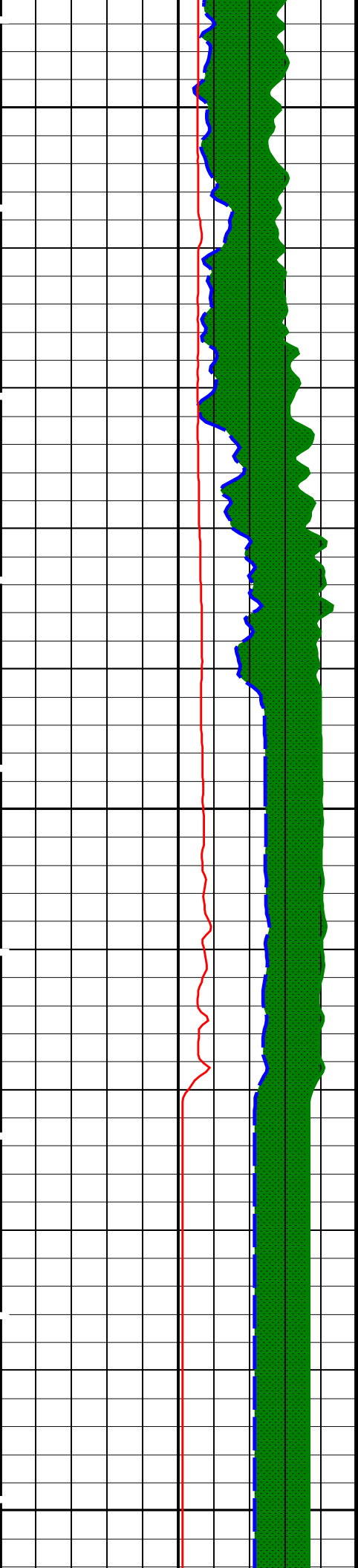
Output DLIS Files

DEFAULT	MSS_LDEO_HRLA_LDL_013PUP	FN:15	PRODUCER	06-Jul-2024 09:09	2180.8 M	2080.0 M
RTB	MSS_LDEO_HRLA_LDL_013PUP	FN:16	PRODUCER	06-Jul-2024 09:09	2180.8 M	2080.0 M

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

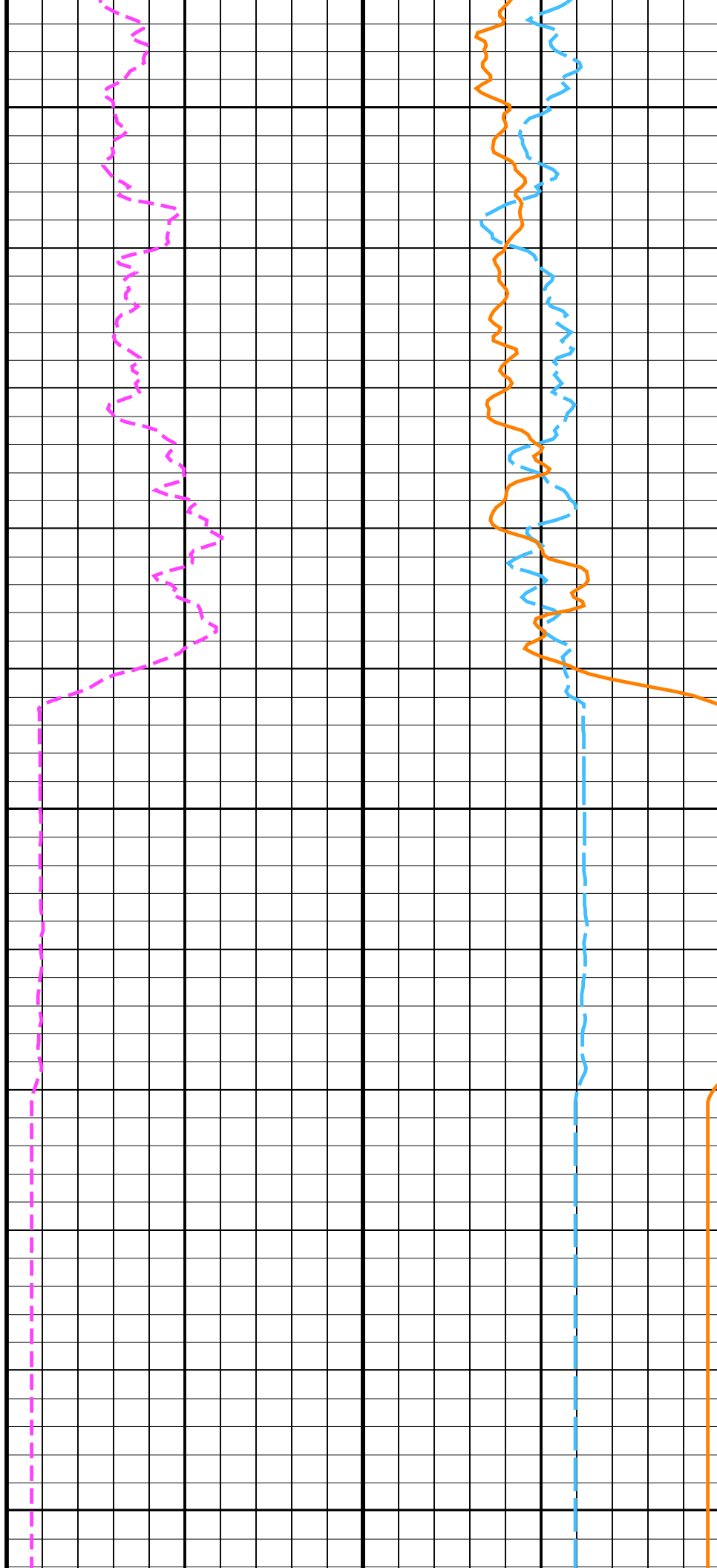


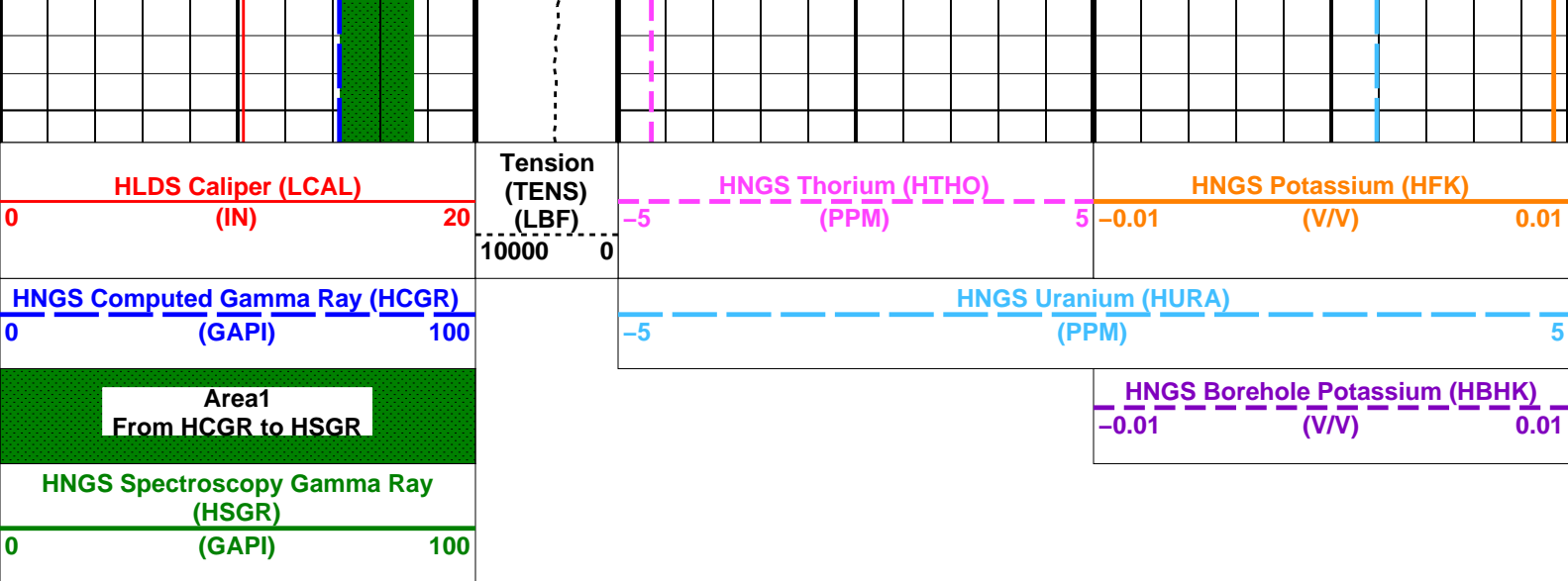


2125

2150

2175





PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
BHS	HRLT-B: High Resolution Laterolog Array - B		
GCSE	Borehole Status	OPEN	
	Generalized Caliper Selection	LCAL	
BHS	APS-C: Accelerator-Porosity Tool		
GCSE	Borehole Status	OPEN	
	Generalized Caliper Selection	LCAL	
BAR1	HNGS-BA: Hostile Natural Gamma Ray Sonde		
BAR2	HNGS Detector 1 Barite Constant	1	
BHK	HNGS Detector 2 Barite Constant	1	
BHS	HNGS Borehole Potassium Correction Concentration	0	
CSD1	Borehole Status	OPEN	
CSD2	Inner Casing Outer Diameter	0	IN
CSW1	Outer Casing Outer Diameter	0	IN
CSW2	Inner Casing Weight	0	LB/F
DBCC	Outer Casing Weight	0	LB/F
GCSE	HNGS Barite Constant Correction Flag	NONE	
H1P	Generalized Caliper Selection	LCAL	
H2P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HALF	HNGS Borehole Potassium Running Average	-0.000750406	
HCRB	HNGS Alpha Filter Length	60	IN
HMWM	HNGS Apply Borehole Potassium Correction	NONE	
HNPE	Mud Weighting Material	NATU	
S1BI	HNGS Processing Enable	YES	
S2BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
TPOS	HNGS Standard Gamma-Ray Correction Flag	YES	
VBA1	Tool Position	ECCE	
VBA2	HNGS Detector 1 Variable Barite Factor Running Average	1.01024	
	HNGS Detector 2 Variable Barite Factor Running Average	0.99668	
BHS	EDTC-B: Enhanced DTS Cartridge		
GCSE	Borehole Status	OPEN	
	Generalized Caliper Selection	LCAL	
BS	System and Miscellaneous		
DFD	Bit Size	9.875	IN
DO	Drilling Fluid Density	1.02	G/C3
PP	Depth Offset for Playback	0.0	M
	Playback Processing	RECOMPUTE	

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 06-Jul-2024 09:10

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Input DLIS Files

Output DLIS Files

DEFAULT	MSS_LDEO_HRLA_LDL_013PUP	FN:15	PRODUCER	06-Jul-2024 09:09
RTB	MSS_LDEO_HRLA_LDL_013PUP	FN:16	PRODUCER	06-Jul-2024 09:09

Company: International Ocean Discovery ProgramWell: Expedition 403, Site U1620D

Input DLIS Files

DEFAULT	MSS_LDEO_HRLA_LDL_010LUP	FN:11	PRODUCER	06-Jul-2024 08:51	2180.8 M	2079.9 M
---------	--------------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

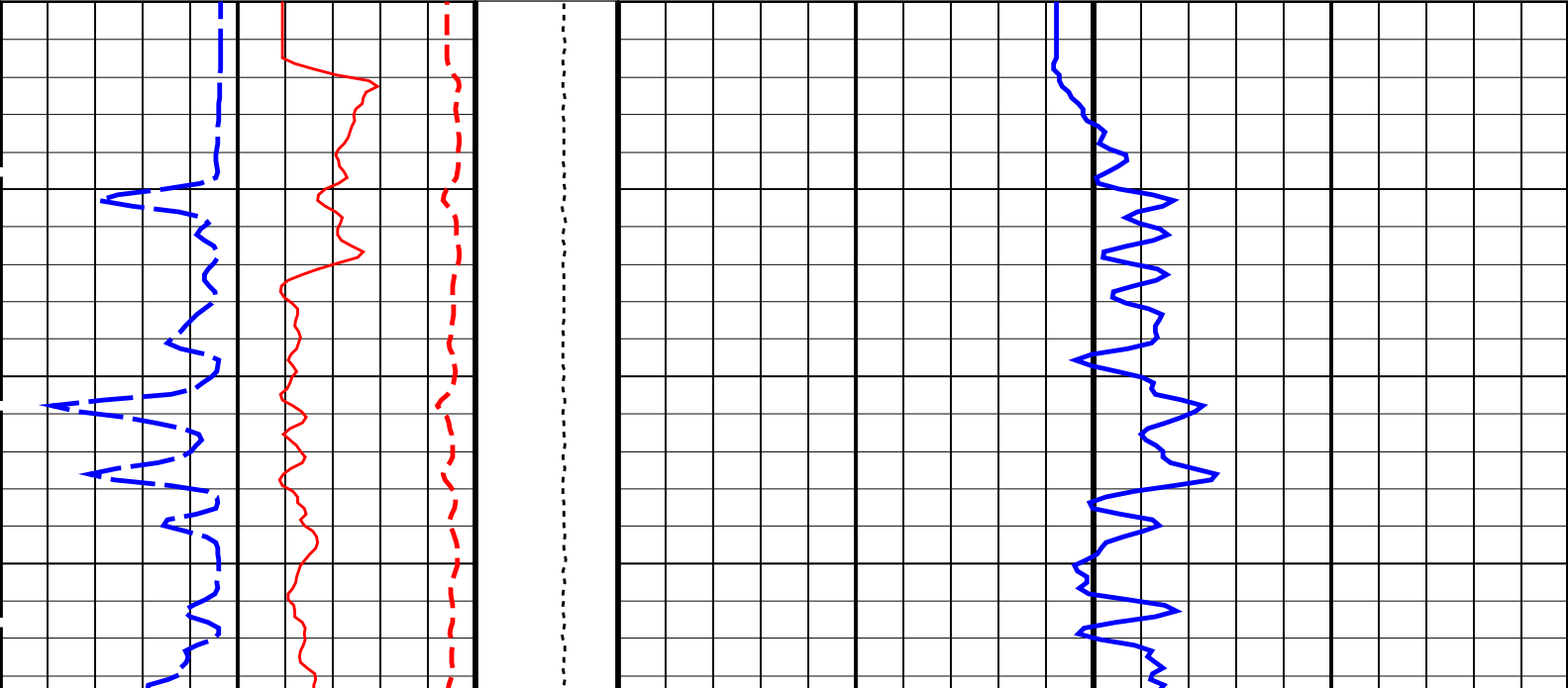
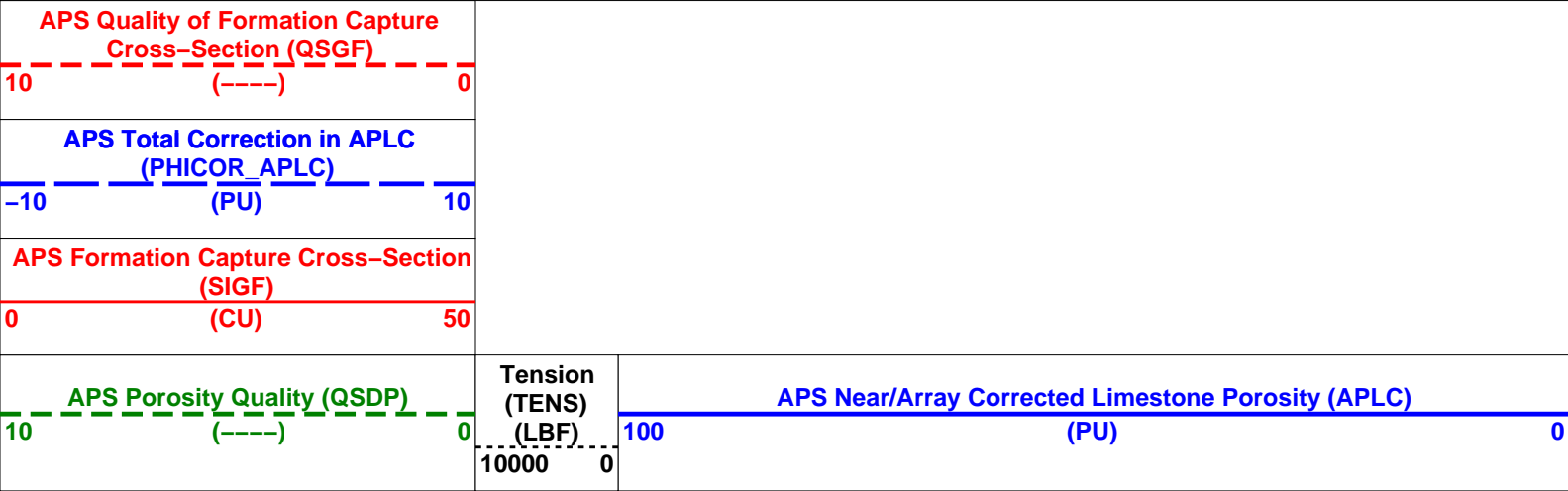
DEFAULT	MSS_LDEO_HRLA_LDL_013PUP	FN:15	PRODUCER	06-Jul-2024 09:09	2180.8 M	2080.0 M
RTB	MSS_LDEO_HRLA_LDL_013PUP	FN:16	PRODUCER	06-Jul-2024 09:09	2180.8 M	2080.0 M

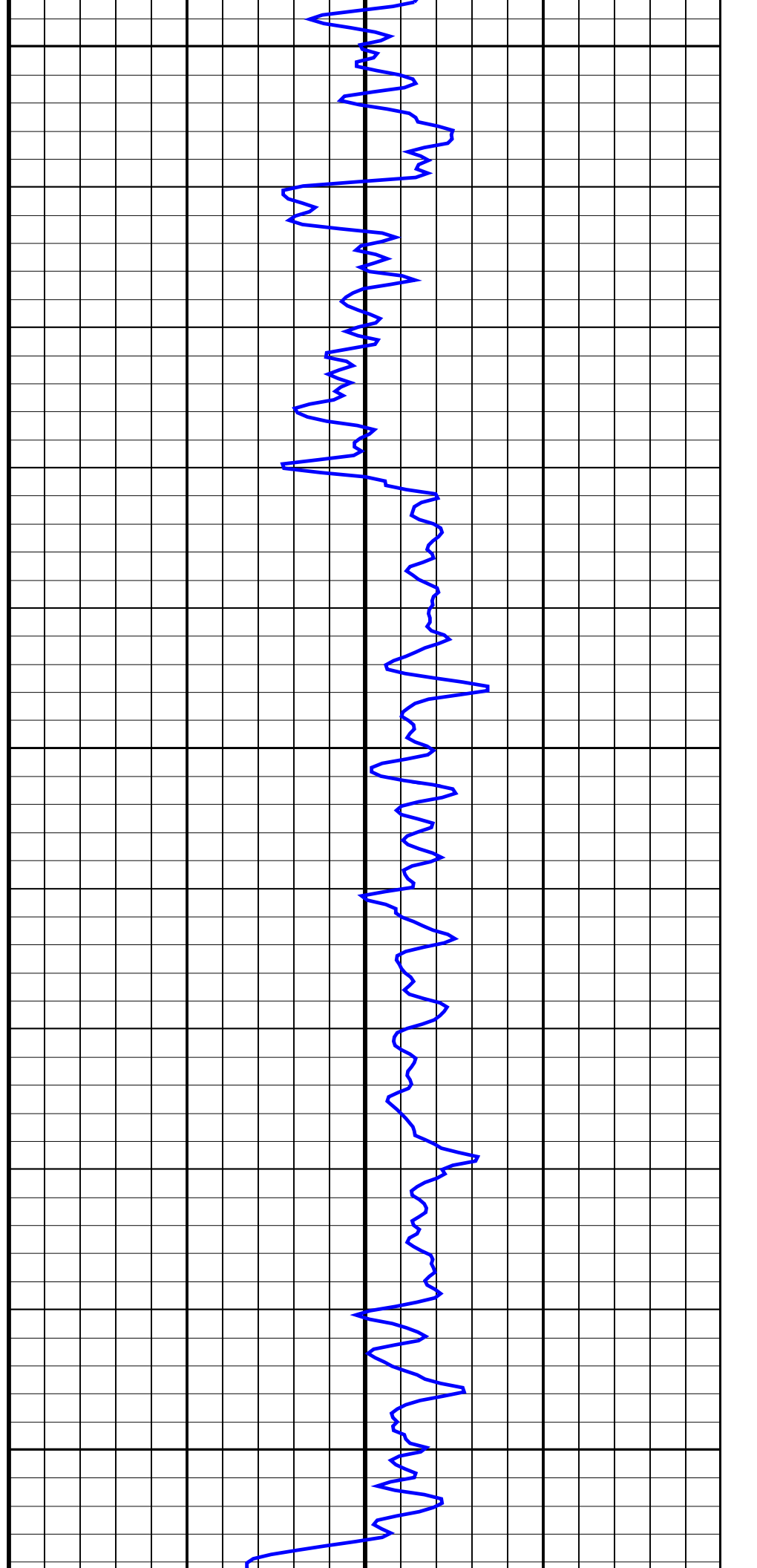
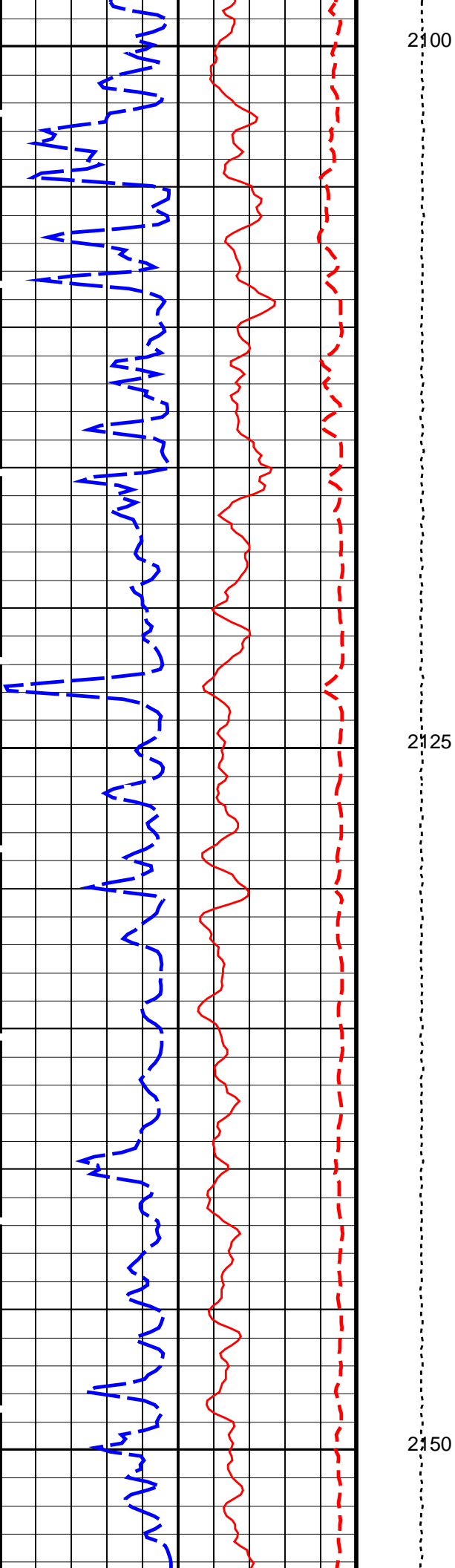
OP System Version: 19C0-187

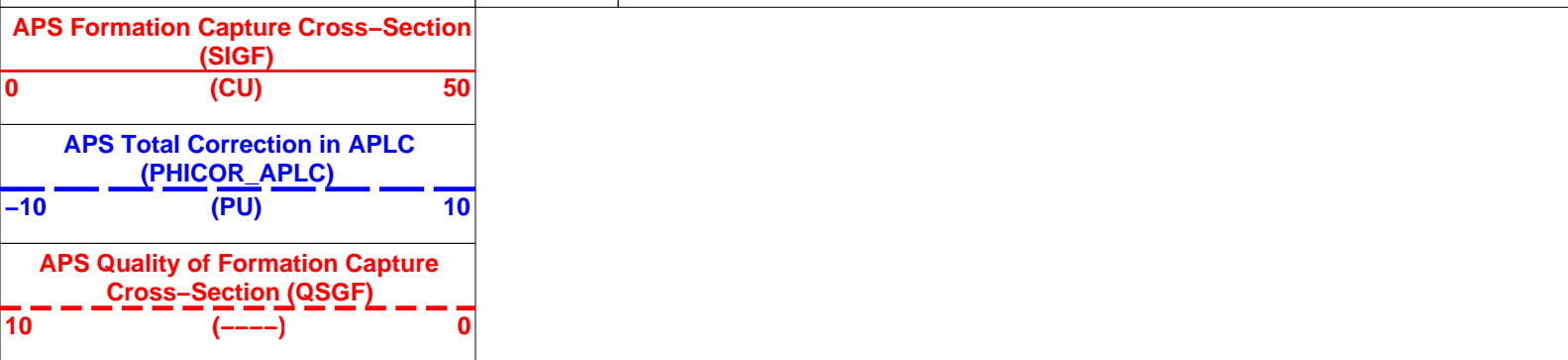
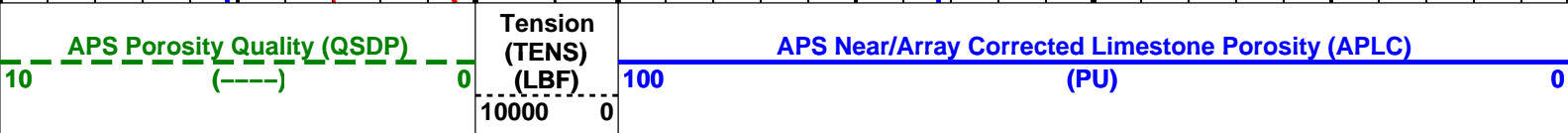
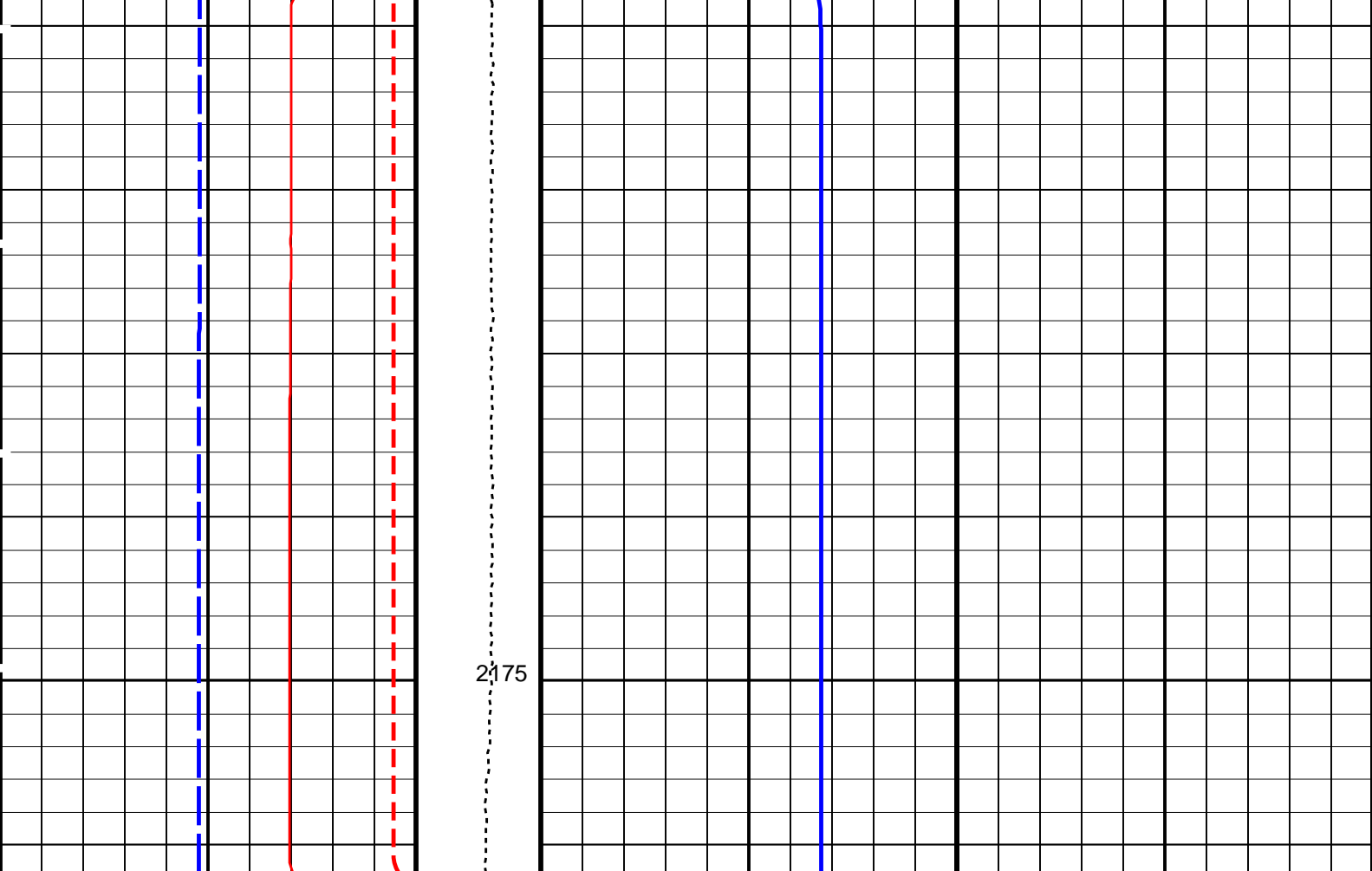
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

 Time Mark Every 60 S







PIP SUMMARY

Time Mark Every 60 S

Parameters			
DLIS Name	Description	Value	
HRLT-B: High Resolution Laterolog Array – B			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
HLDS: Hostile Litho–Density Sonde			
DPPM	Density Porosity Processing Mode	HIRS	
APS-C: Accelerator–Porosity Tool			
	APS Software Version	5	
AASD	APS Thermal and Array Detectors High Voltage Setting	1936.01	V
ADSO	APS Array Detectors Data Source Switch	Both	

AFSD	APS Array Detectors Data Source Switch	2033.55	V
AHCS	APS Holesize Correction Source	BS	
AHSS	APS Holesize Correction Switch	ON	
AMTY	APS Environmental Corrections Mud Type	WaterBaseBarite	
ANSD	APS Near Detector High Voltage Setting	1702.52	V
ASOS	APS Standoff Correction Switch	ON	
ATSS	APS Temperature-Pressure-Salinity Correction Switch	ON	
BHFL_APS	APS TNPH Borehole Fluid Type	WATER	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
BSCO_APS	APS TNPH Borehole Salinity Correction Option	YES	
DPPM	Density Porosity Processing Mode	HIRS	
DSCO_APS	APS TNPH Density Source Correction Option	COMPUTED	
FSAL	Formation Salinity	-50000	PPM
FSCO_APS	APS TNPH Formation Salinity Correction Option	NO	
GCSE	Generalized Caliper Selection	LCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
HSCO_APS	APS TNPH Hole Size Correction Option	YES	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MCCO_APS	APS TNPH Mud Cake Correction Option	YES	
MCOR_APS	APS TNPH Mud Correction	NATU	
MWCO_APS	APS TNPH Mud Weight Correction Option	YES	
NARC	APS Near/Array Calibration Ratio	1.07414	
NFRC	APS Near/Far Calibration Ratio	0.966885	
PTCO_APS	APS TNPH Pressure/Temperature Correction Option	YES	
SHT	Surface Hole Temperature	68	DEGF
TNCO_APS	APS TNPH Computation Option	NO	
HNCS-BA: Hostile Natural Gamma Ray Sonde			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
DPPM	Density Porosity Processing Mode	HIRS	
FSAL	Formation Salinity	-50000	PPM
GCSE	Generalized Caliper Selection	LCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
System and Miscellaneous			
BS	Bit Size	9.875	IN
BSAL	Borehole Salinity	38000.00	PPM
CSIZ	Current Casing Size	5.500	IN
CWEI	Casing Weight	168.00	LB/F
DFD	Drilling Fluid Density	1.02	G/C3
DO	Depth Offset for Playback	0.0	M
FLEV	Fluid Level	-50000.00	M
PP	Playback Processing	RECOMPUTE	
TD	Total Depth	10190.3	FT

Format: APSLiquidPorosity Vertical Scale: 1:200 Graphics File Created: 06-Jul-2024 09:10

OP System Version: 19C0-187

MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNCS-BA	19C0-187	EDTC-B	19C0-187

Input DLIS Files

DEFAULT	MSS_LDEO_HRLA_LDL_010LUP	FN:11	PRODUCER	06-Jul-2024 08:51	2180.8 M	2079.9 M
---------	--------------------------	-------	----------	-------------------	----------	----------

Output DLIS Files

DEFAULT	MSS_LDEO_HRLA_LDL_013PUP	FN:15	PRODUCER	06-Jul-2024 09:09		
RTB	MSS_LDEO_HRLA_LDL_013PUP	FN:16	PRODUCER	06-Jul-2024 09:09		

DEFAULT	MSS_LDEO_HRLA_LDL_010LUP	FN:11	PRODUCER	06-Jul-2024 08:51	2180.8 M	2079.9 M
---------	--------------------------	-------	----------	-------------------	----------	----------

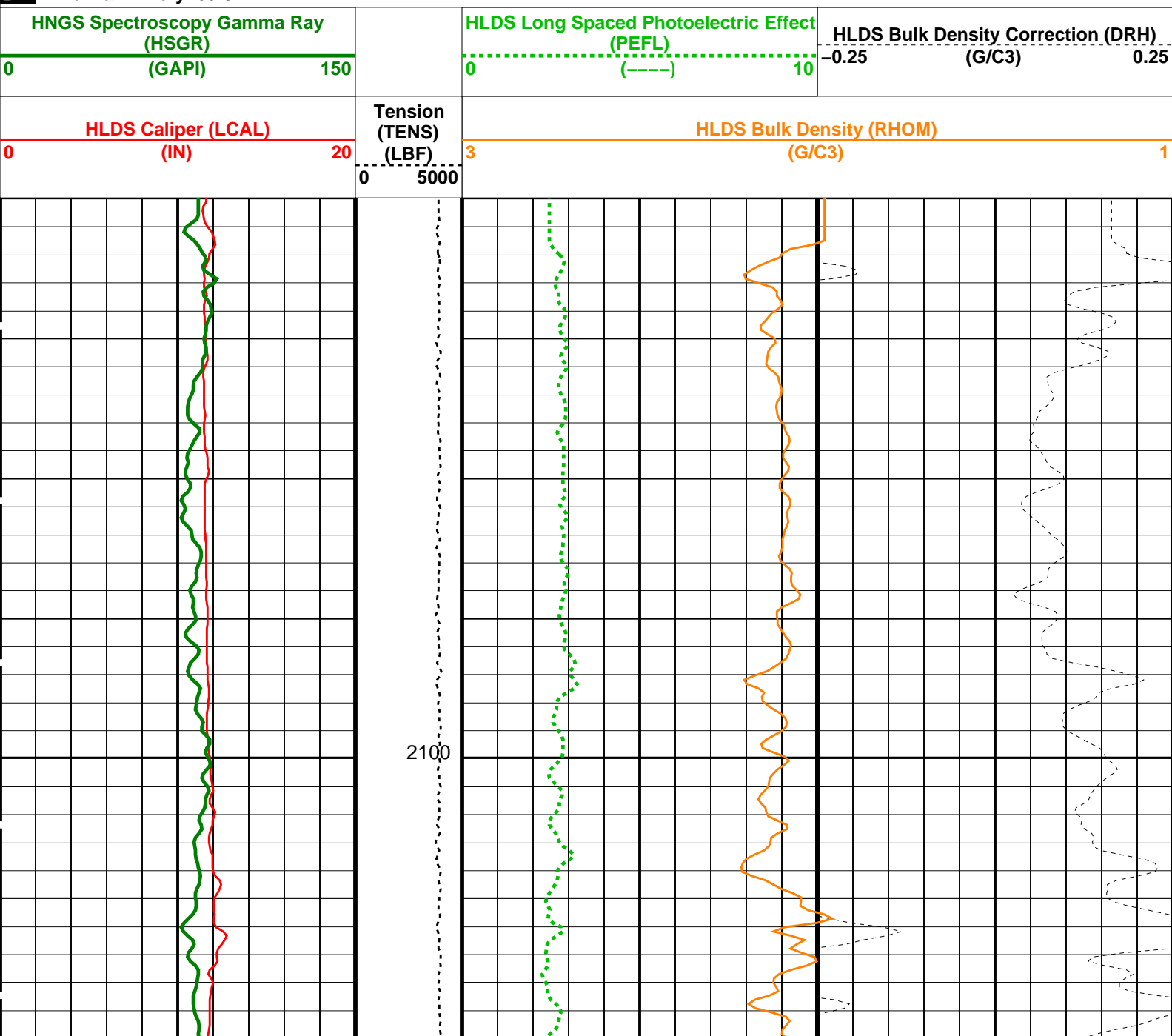
DEFAULT	MSS_LDEO_HRLA_LDL_013PUP	FN:15	PRODUCER	06-Jul-2024 09:09	2180.8 M	2080.0 M
RTB	MSS_LDEO_HRLA_LDL_013PUP	FN:16	PRODUCER	06-Jul-2024 09:09	2180.8 M	2080.0 M

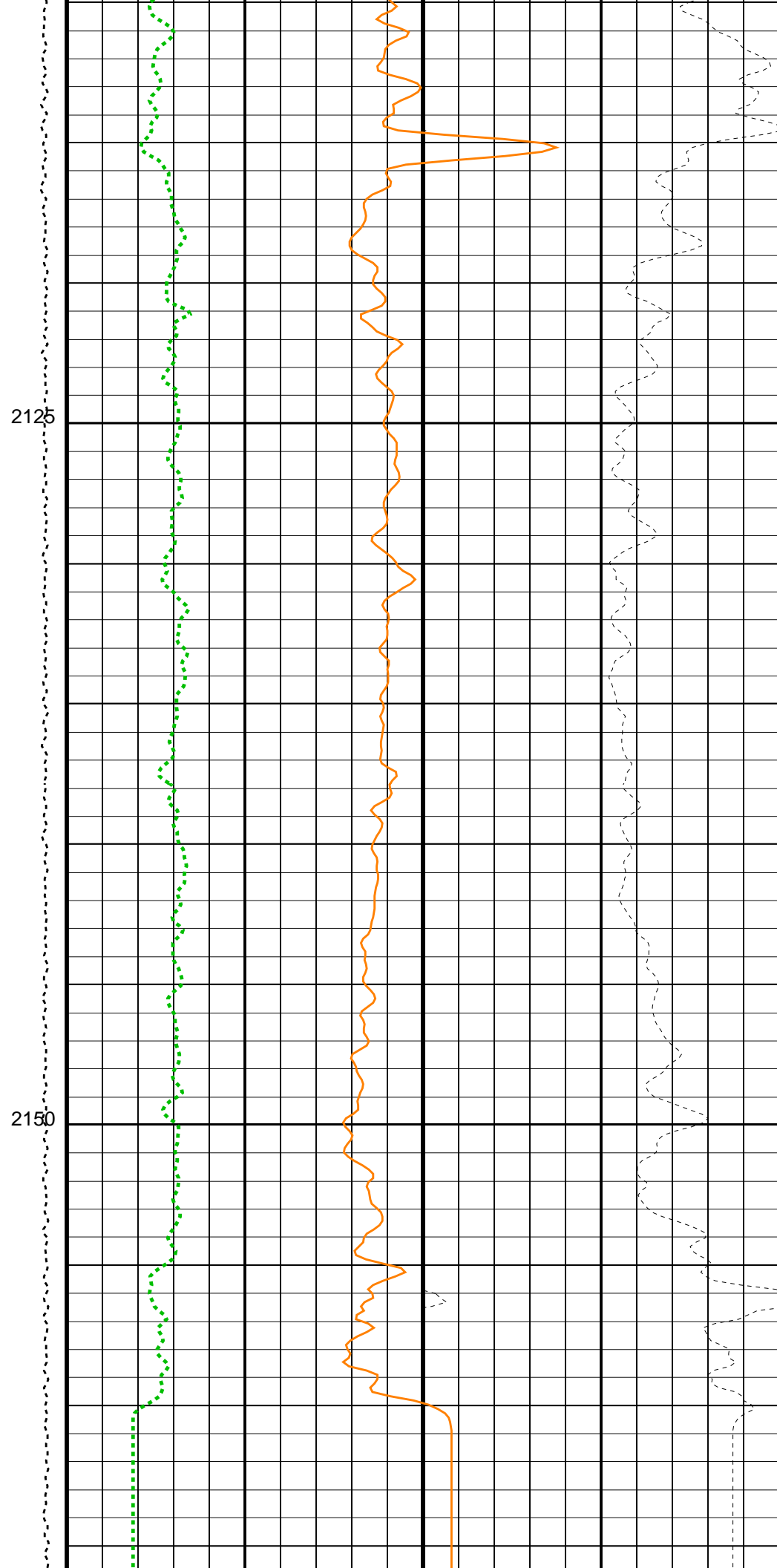
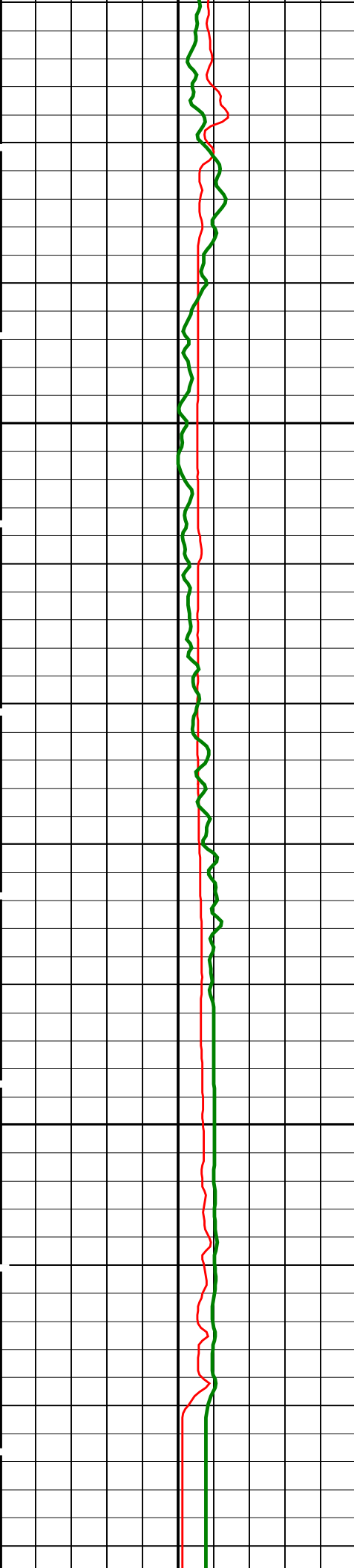
OP System Version: 19C0-187

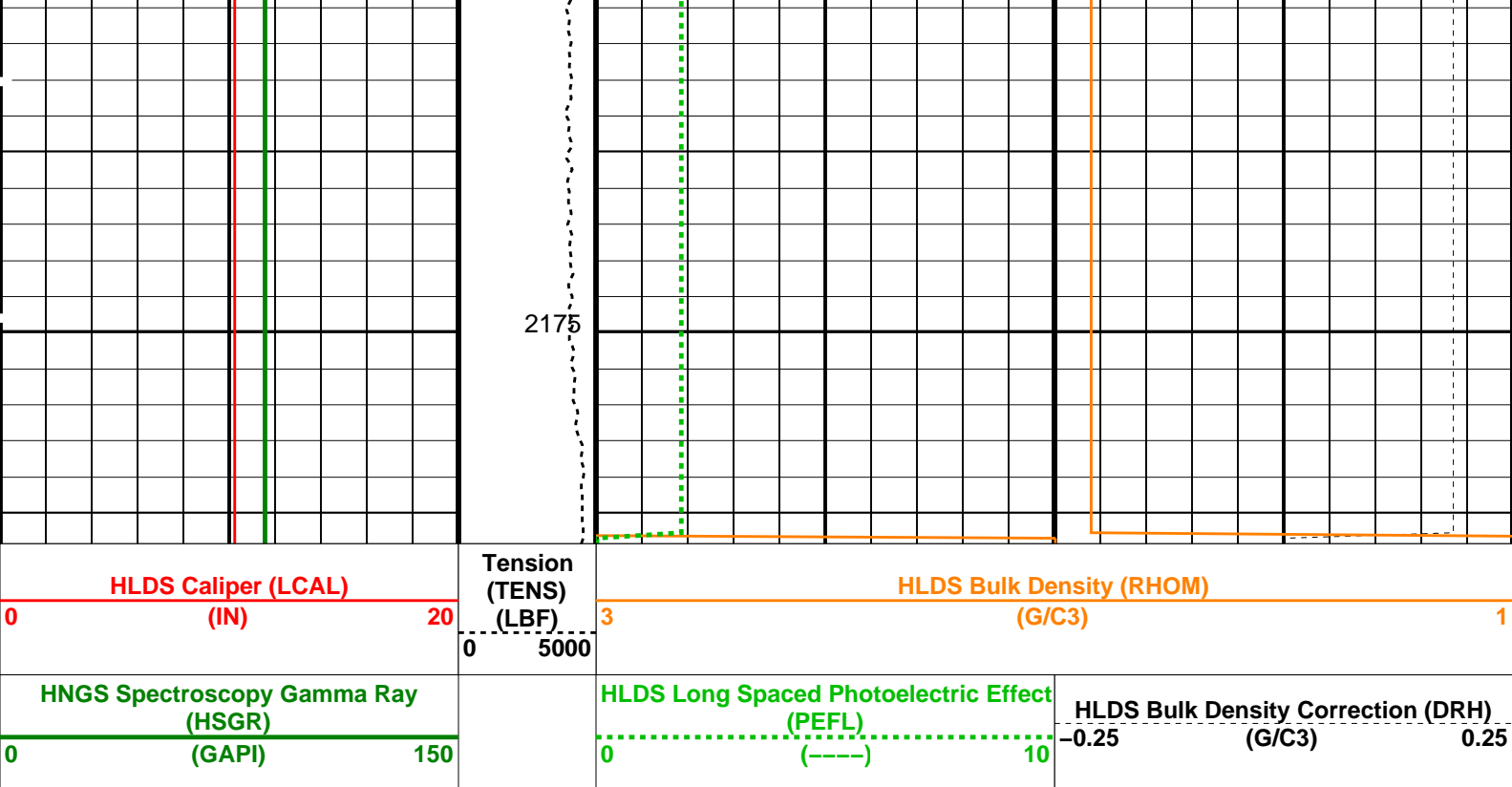
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

PIP SUMMARY

Time Mark Every 60 S







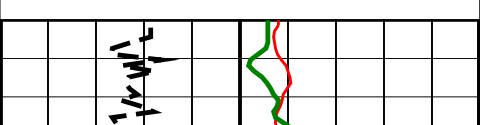
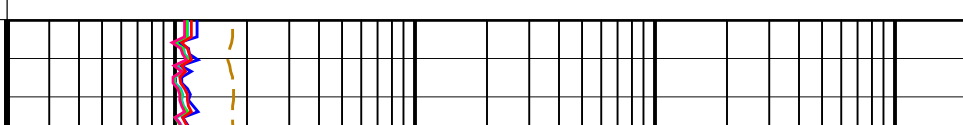
PIP SUMMARY

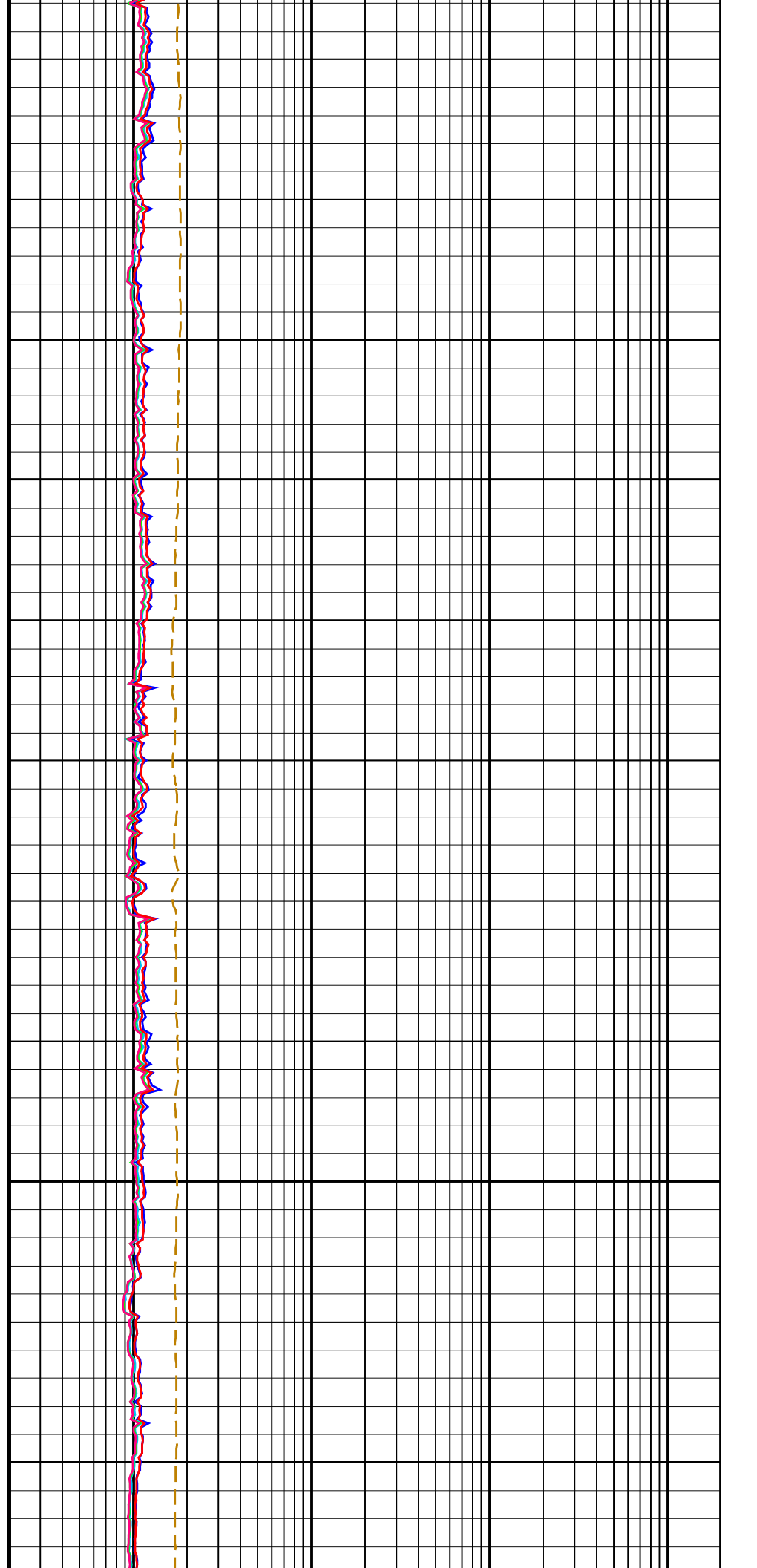
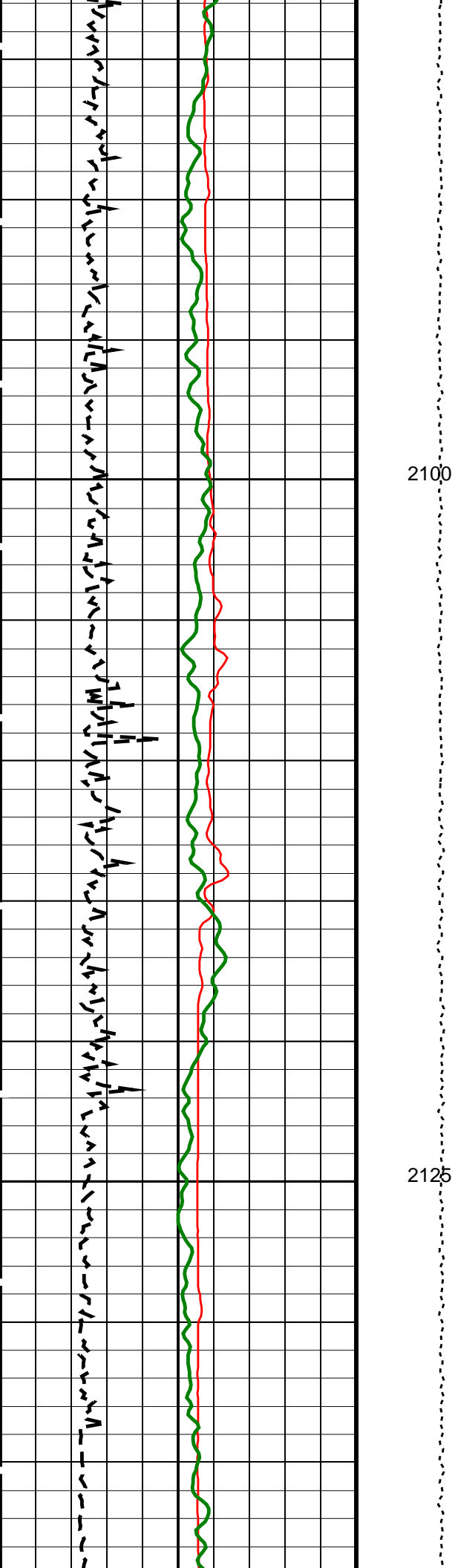
Time Mark Every 60 S

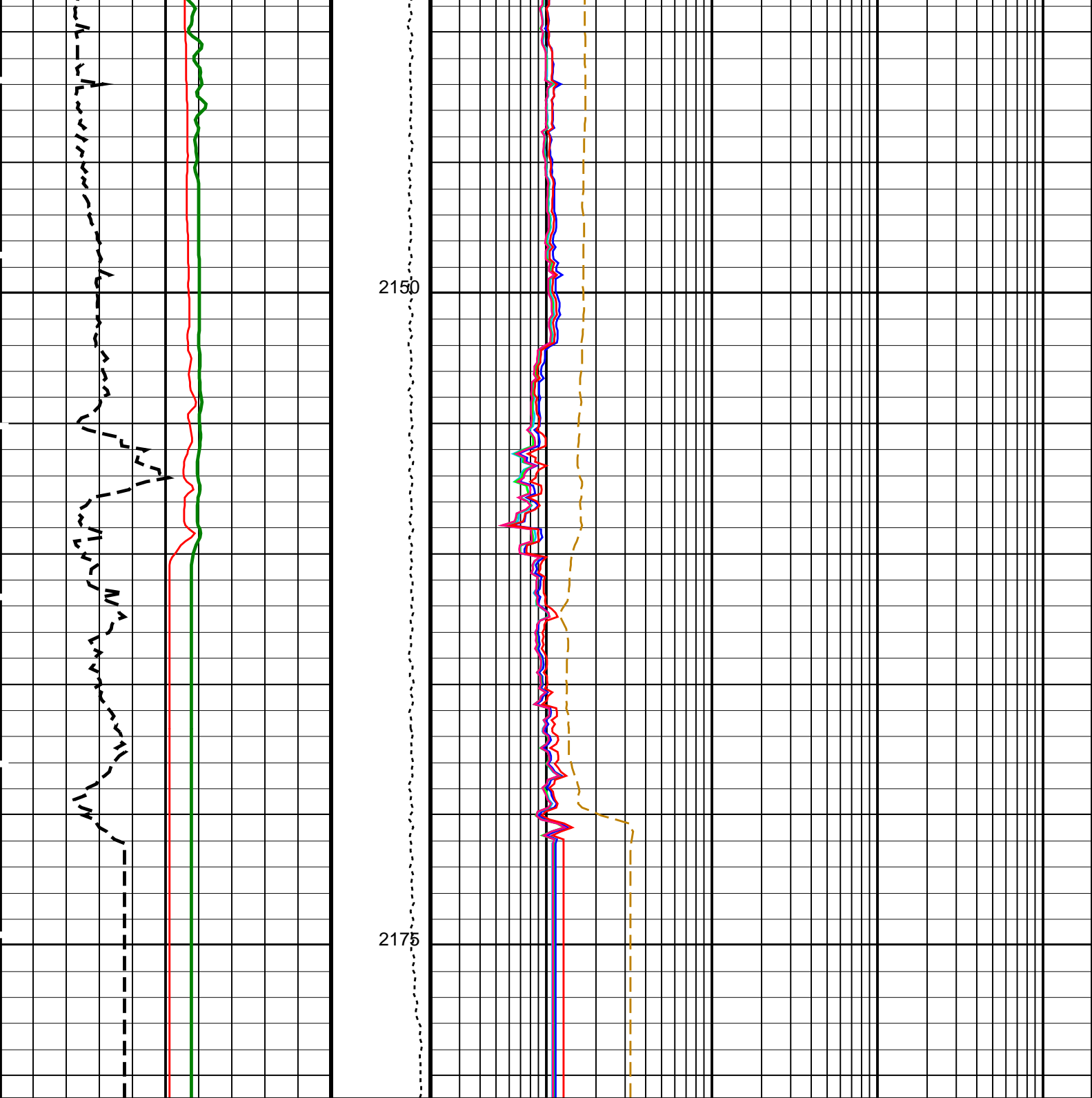
Parameters

DLIS Name	Description	Value	
HRLT-B: High Resolution Laterolog Array – B			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	LCAL	
HLDS: Hostile Litho-Density Sonde			
DHC	Density Hole Correction	BS	
DPPM	Density Porosity Processing Mode	HIRS	
FD	Fluid Density	1	G/C3
LATC	HLDS Activation Correction	OFF	
MDEN	Matrix Density	2.6	G/C3
APS-C: Accelerator-Porosity Tool			
	APS Software Version	5	
BHS	Borehole Status	OPEN	
DPPM	Density Porosity Processing Mode	HIRS	
GCSE	Generalized Caliper Selection	LCAL	
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	LCAL	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.000750406	
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	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.01024	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.99668	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
DPPM	Density Porosity Processing Mode	HIRS	
GCSE	Generalized Caliper Selection	LCAL	

BS		Bit Size		9.875		IN	
DFD		Drilling Fluid Density		1.02		G/C3	
DO		Depth Offset for Playback		0.0		M	
PP		Playback Processing		RECOMPUTE			
Format: HLDSDensityPE		Vertical Scale: 1:200		Graphics File Created: 06-Jul-2024 09:10			
OP System Version: 19C0-187							
MSS_LDEO-A	19C0-187		HRLT-B	19C0-187			
HLDS	19C0-187		LDSC-B	19C0-187			
APS-C	19C0-187		HNGC-B	19C0-187			
HNGS-BA	19C0-187		EDTC-B	19C0-187			
Input DLIS Files							
DEFAULT	MSS_LDEO_HRLA_LDL_010LUP	FN:11	PRODUCER	06-Jul-2024 08:51	2180.8 M	2079.9 M	
Output DLIS Files							
DEFAULT	MSS_LDEO_HRLA_LDL_013PUP	FN:15	PRODUCER	06-Jul-2024 09:09			
RTB	MSS_LDEO_HRLA_LDL_013PUP	FN:16	PRODUCER	06-Jul-2024 09:09			

Company: International Ocean Discovery Program				Well: Expedition 403, Site U1620D			
Input DLIS Files							
DEFAULT	MSS_LDEO_HRLA_LDL_010LUP	FN:11	PRODUCER	06-Jul-2024 08:51	2180.8 M	2079.9 M	
Output DLIS Files							
DEFAULT	MSS_LDEO_HRLA_LDL_013PUP	FN:15	PRODUCER	06-Jul-2024 09:09	2180.8 M	2080.0 M	
RTB	MSS_LDEO_HRLA_LDL_013PUP	FN:16	PRODUCER	06-Jul-2024 09:09	2180.8 M	2080.0 M	
OP System Version: 19C0-187							
MSS_LDEO-A	19C0-187		HRLT-B	19C0-187			
HLDS	19C0-187		LDSC-B	19C0-187			
APS-C	19C0-187		HNGC-B	19C0-187			
HNGS-BA	19C0-187		EDTC-B	19C0-187			
PIP SUMMARY							
<div><div></div>Time Mark Every 60 S</div>							
<div>HNGS Spectroscopy Gamma Ray (HSGR)</div> <div>0 (GAPI)150</div>		<div>HRLT Mud Resistivity (RM_HRLT)</div> <div>0.02 (OHMM)200</div>					
		<div>HRLT Resistivity 5 (RLA5)</div> <div>0.2 (OHMM)2000</div>					
		<div>HRLT Resistivity 4 (RLA4)</div> <div>0.2 (OHMM)2000</div>					
		<div>HRLT Resistivity 3 (RLA3)</div> <div>0.2 (OHMM)2000</div>					
		<div>HRLT Resistivity 2 (RLA2)</div> <div>0.2 (OHMM)2000</div>					
<div>Invasion Diameter (DI_HRLT)</div> <div>0 (IN)50</div>		<div>Tension (TENS) (LBF)</div> <div>05000</div>	<div>HRLT Resistivity 1 (RLA1)</div> <div>0.2 (OHMM)2000</div>				
<div>HLDS Caliper (LCAL)</div> <div>0 (IN)20</div>							
							





<div>HLDS Caliper (LCAL)</div> <div>020</div> <div>(IN)</div>	<div>Tension (TENS)</div> <div>05000</div> <div>(LBF)</div>	<div>HRLT Resistivity 1 (RLA1)</div> <div>0.22000</div> <div>(OHMM)</div>
<div>Invasion Diameter (DI_HRLT)</div> <div>050</div> <div>(IN)</div>		<div>HRLT Resistivity 2 (RLA2)</div> <div>0.22000</div> <div>(OHMM)</div>
<div>HNGS Spectroscopy Gamma Ray (HSGR)</div> <div>0150</div> <div>(GAPI)</div>		<div>HRLT Resistivity 3 (RLA3)</div> <div>0.22000</div> <div>(OHMM)</div>
		<div>HRLT Resistivity 4 (RLA4)</div> <div>0.22000</div> <div>(OHMM)</div>
		<div>HRLT Resistivity 5 (RLA5)</div> <div>0.22000</div> <div>(OHMM)</div>

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
HRLT-B: High Resolution Laterolog Array – B			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
KFAC_HRLT	HRLT K Factor Option	SONDE	
PROCVN	Inversion Selection	ON	
PROCMFL	Inversion Micro-Resistivity Selection	NO_EXTERNAL_RXO	
PROCMSO	Mechanical Standoff Fin Size	0	IN
PROCRM	Processing Mud Resistivity Select	HRLT_Compute	
PROCSPO	Sonde Position	Centered	
SHT	Surface Hole Temperature	68	DEGF
APS-C: Accelerator-Porosity Tool			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
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	
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
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	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.000750406	
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	
SHT	Surface Hole Temperature	68	DEGF
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.01024	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.99668	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE	Generalized Caliper Selection	LCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.02	G/C3
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	RECOMPUTE	
TD	Total Depth	10190.3	FT

HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

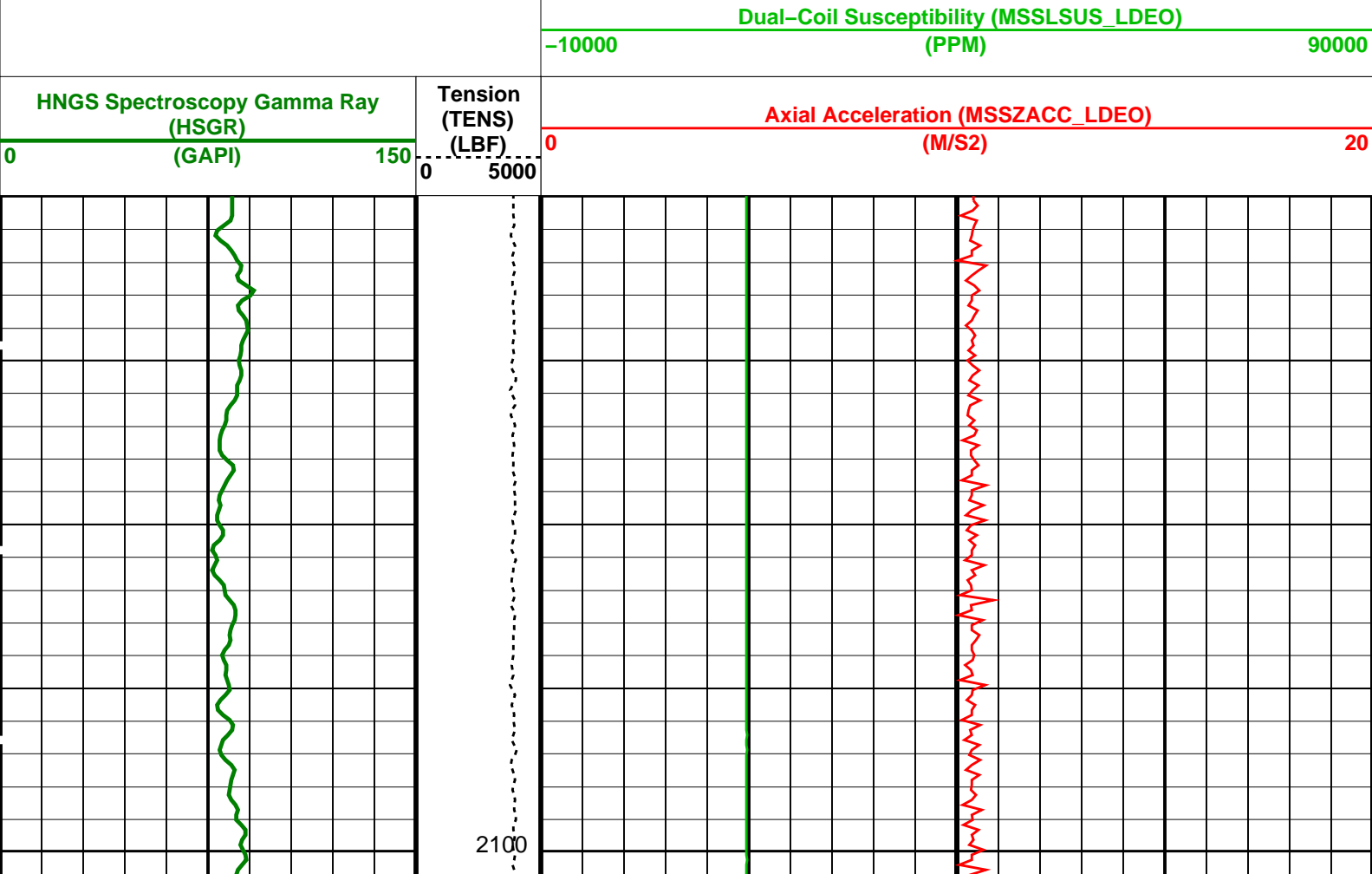
Input DLIS Files						
DEFAULT	MSS_LDEO_HRLA_LDL_010LUP	FN:11	PRODUCER	06-Jul-2024 08:51	2180.8 M	2079.9 M
Output DLIS Files						
DEFAULT	MSS_LDEO_HRLA_LDL_013PUP	FN:15	PRODUCER	06-Jul-2024 09:09		
RTB	MSS_LDEO_HRLA_LDL_013PUP	FN:16	PRODUCER	06-Jul-2024 09:09		

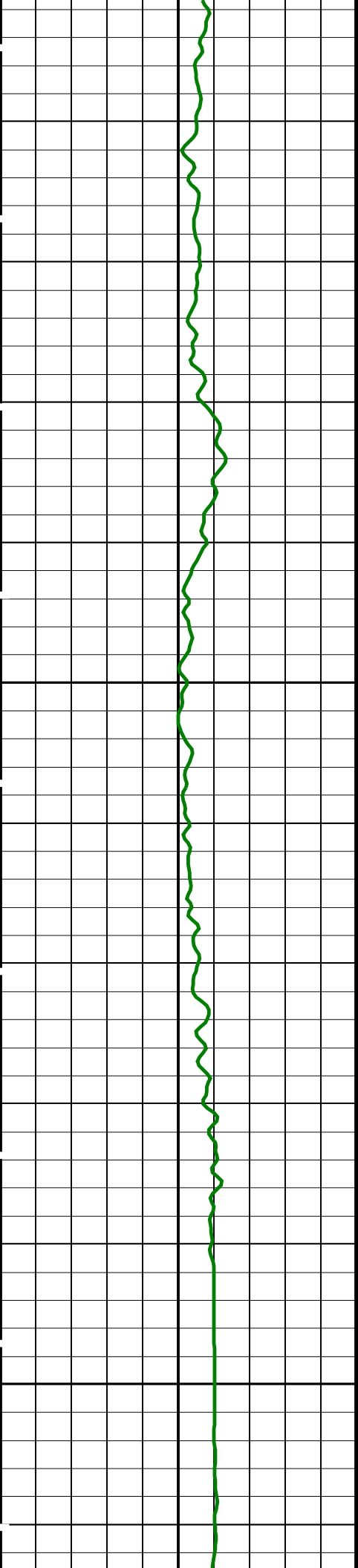
Company: International Ocean Discovery Program	Well: Expedition 403, Site U1620D
--	-----------------------------------

Input DLIS Files						
DEFAULT	MSS_LDEO_HRLA_LDL_010LUP	FN:11	PRODUCER	06-Jul-2024 08:51	2180.8 M	2079.9 M
Output DLIS Files						
DEFAULT	MSS_LDEO_HRLA_LDL_013PUP	FN:15	PRODUCER	06-Jul-2024 09:09	2180.8 M	2080.0 M
RTB	MSS_LDEO_HRLA_LDL_013PUP	FN:16	PRODUCER	06-Jul-2024 09:09	2180.8 M	2080.0 M

OP System Version: 19C0-187						
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187			
HLDS	19C0-187	LDSC-B	19C0-187			
APS-C	19C0-187	HNGC-B	19C0-187			
HNGS-BA	19C0-187	EDTC-B	19C0-187			

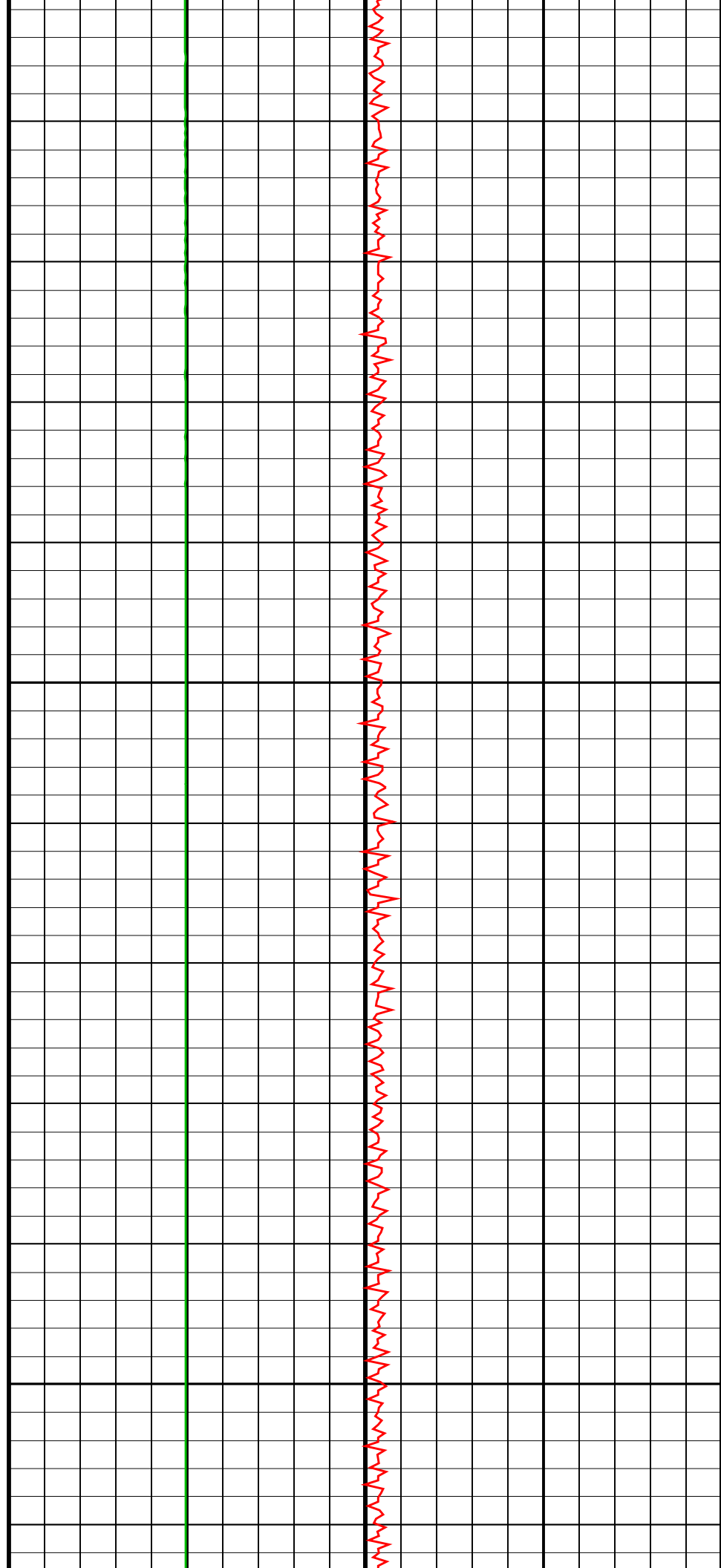
PIP SUMMARY	
Time Mark Every 60 S	

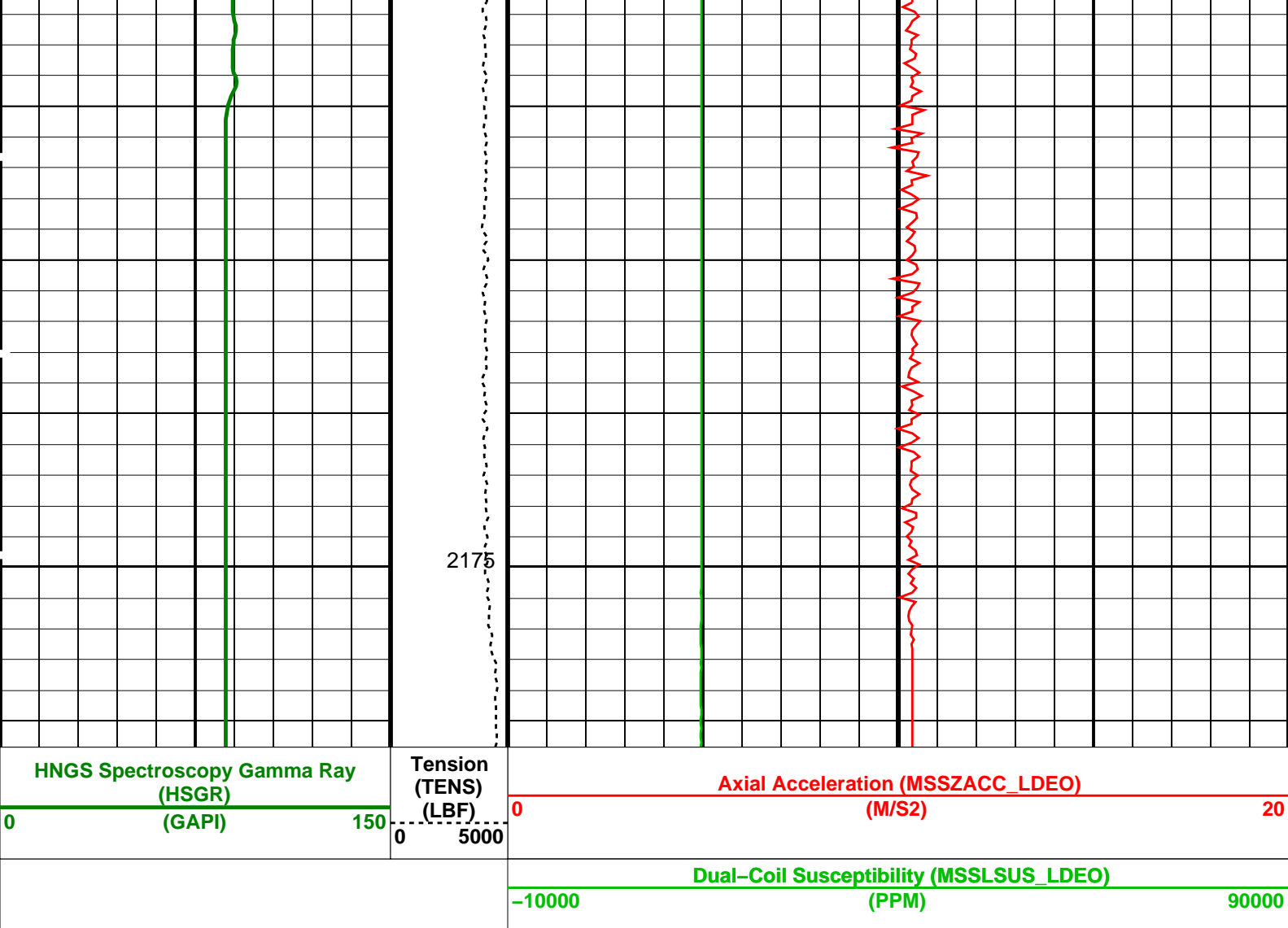




2125

2150






Time Mark Every 60 S

PIP SUMMARY

Parameters			
DLIS Name	Description	Value	
HRLT-B: High Resolution Laterolog Array – B			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	LCAL	
APS-C: Accelerator-Porosity Tool			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	LCAL	
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	LCAL	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.000750406	
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	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.01024	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.99668	

EDTC-B: Enhanced DTS Cartridge		Borehole Status		OPEN	
BHS		Generalized Caliper Selection		LCAL	
GCSE	System and Miscellaneous				
BS		Bit Size		9.875	IN
DFD		Drilling Fluid Density		1.02	G/C3
DO		Depth Offset for Playback		0.0	M
PP		Playback Processing		RECOMPUTE	
Format: MSS_Logging		Vertical Scale: 1:200		Graphics File Created: 06-Jul-2024 09:10	
OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187		
HLDS	19C0-187	LDSC-B	19C0-187		
APS-C	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		
Input DLIS Files					
DEFAULT	MSS_LDEO_HRLA_LDL_010LUP	FN:11	PRODUCER	06-Jul-2024 08:51	2180.8 M 2079.9 M
Output DLIS Files					
DEFAULT	MSS_LDEO_HRLA_LDL_013PUP	FN:15	PRODUCER	06-Jul-2024 09:09	
RTB	MSS_LDEO_HRLA_LDL_013PUP	FN:16	PRODUCER	06-Jul-2024 09:09	

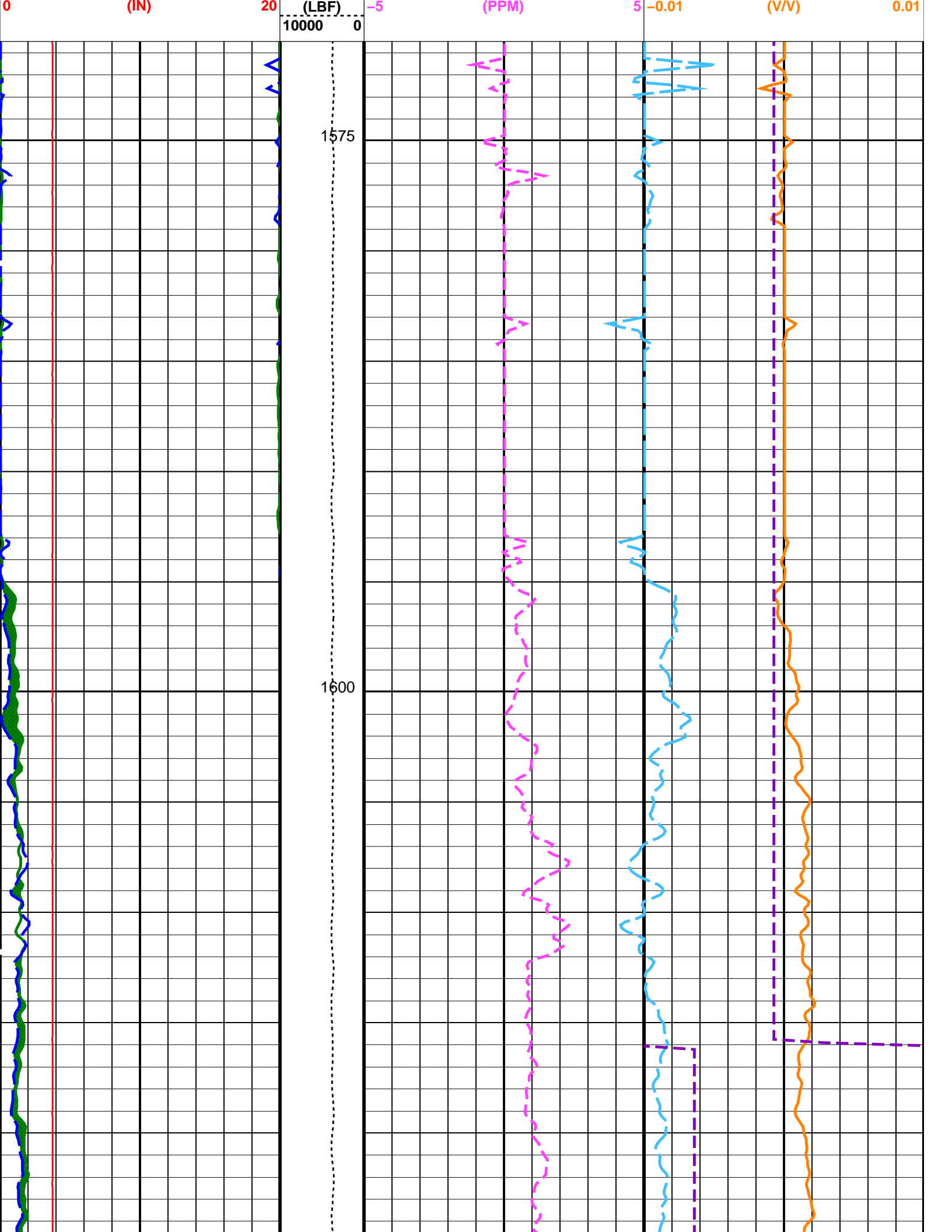


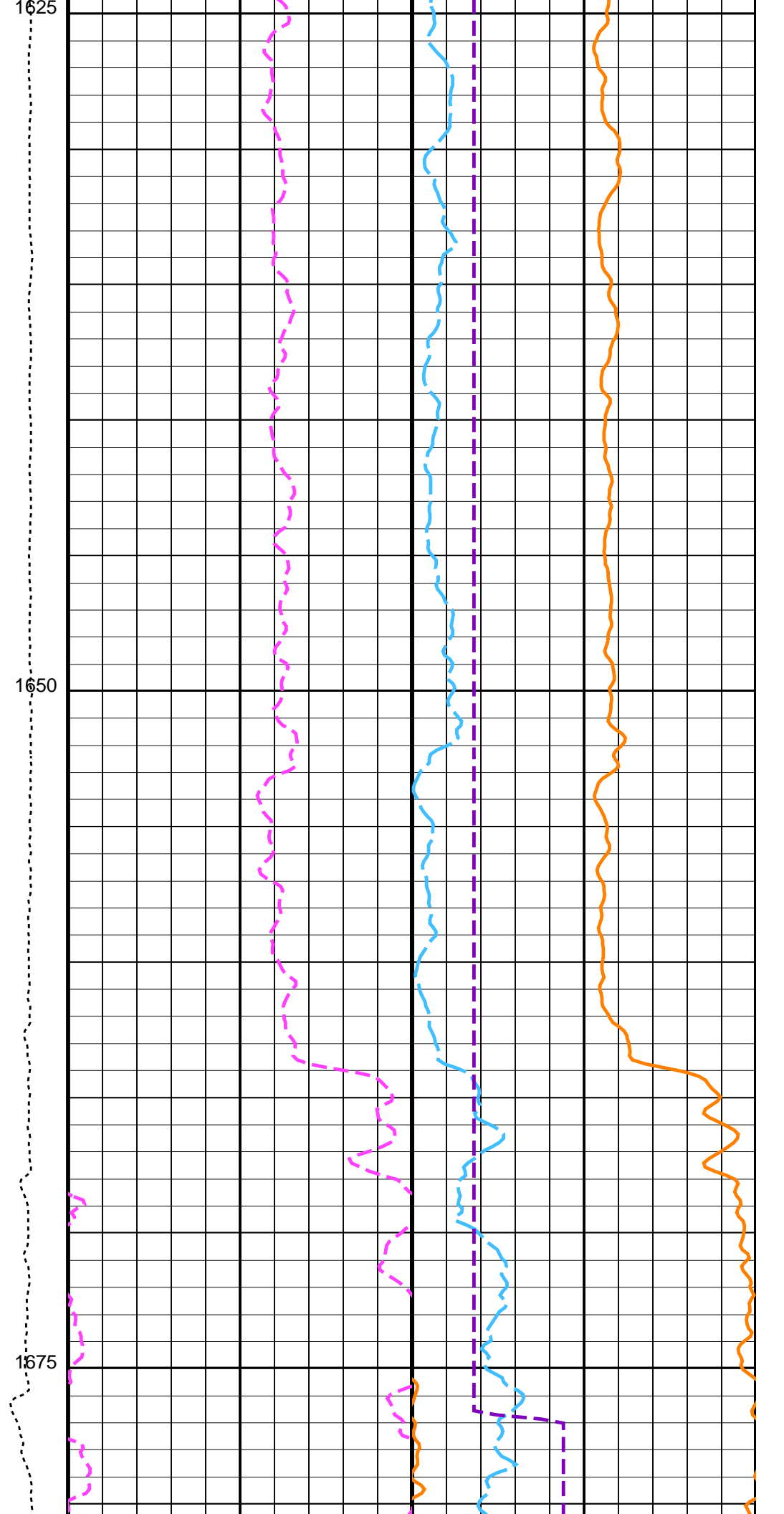
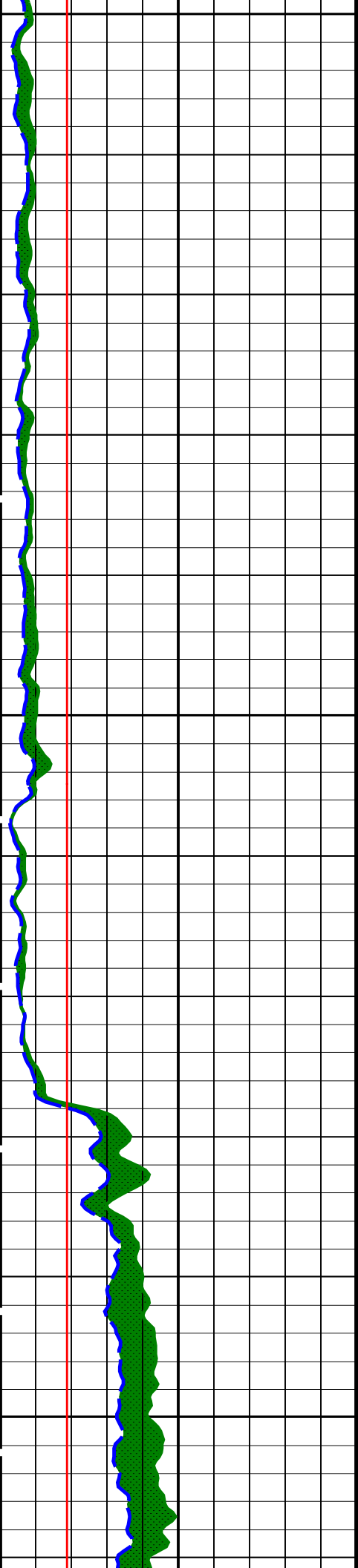
Main Pass
1:200 Scale

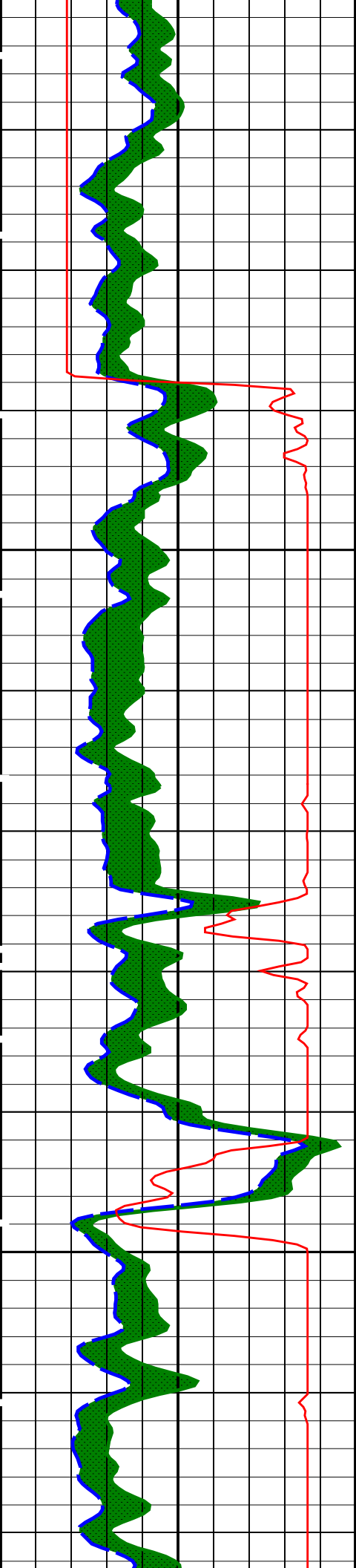
MAXIS Field Log

Company: International Ocean Discovery ProgramWell: Expedition 403, Site U1620D

Output DLIS Files							
DEFAULT	MSS_LDEO_HRLA_LDL_016LUP	FN:20	PRODUCER	06-Jul-2024 10:07	2176.3 M 1570.5 M		
RTB	MSS_LDEO_HRLA_LDL_016LUP	FN:21	PRODUCER	06-Jul-2024 10:07	2176.3 M 1570.5 M		
OP System Version: 19C0-187							
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187				
HLDS	19C0-187	LDSC-B	19C0-187				
APS-C	19C0-187	HNGC-B	19C0-187				
HNGS-BA	19C0-187	EDTC-B	19C0-187				
PIP SUMMARY							
Time Mark Every 60 S							
HNGS Spectroscopy Gamma Ray (HSGR)							
0 (GAPI) 100							
Area1 From HCGR to HSGR		HNGS Borehole Potassium (HBHK) -0.01 (V/V) 0.01					
HNGS Computed Gamma Ray (HCGR)		HNGS Uranium (HURA)					
0 (GAPI) 100		-5 (PPM) 5					
HLDS Caliper (LCAL)		Tension (TENS)	HNGS Thorium (HTHO)	HNGS Potassium (HFK)			

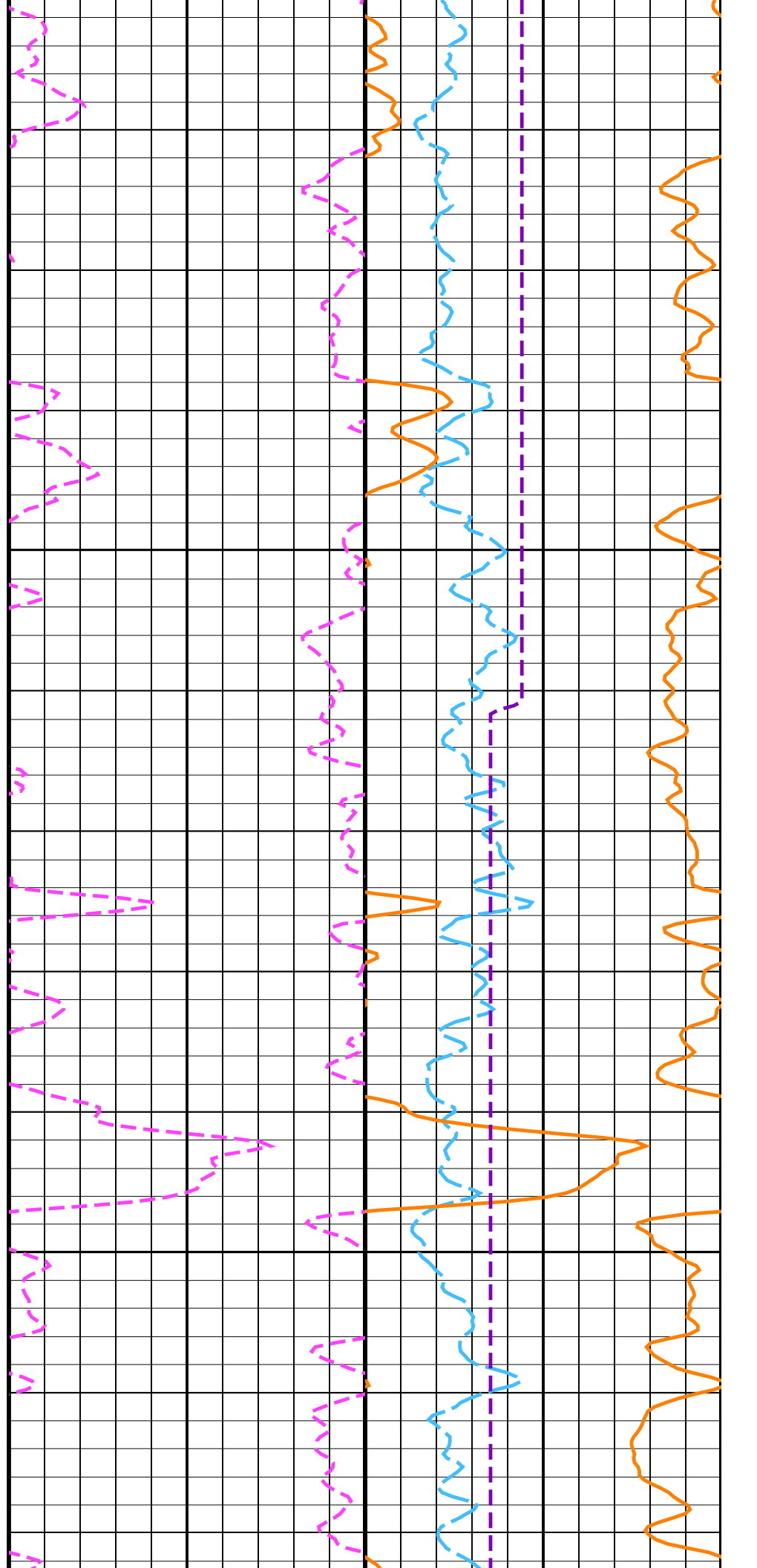


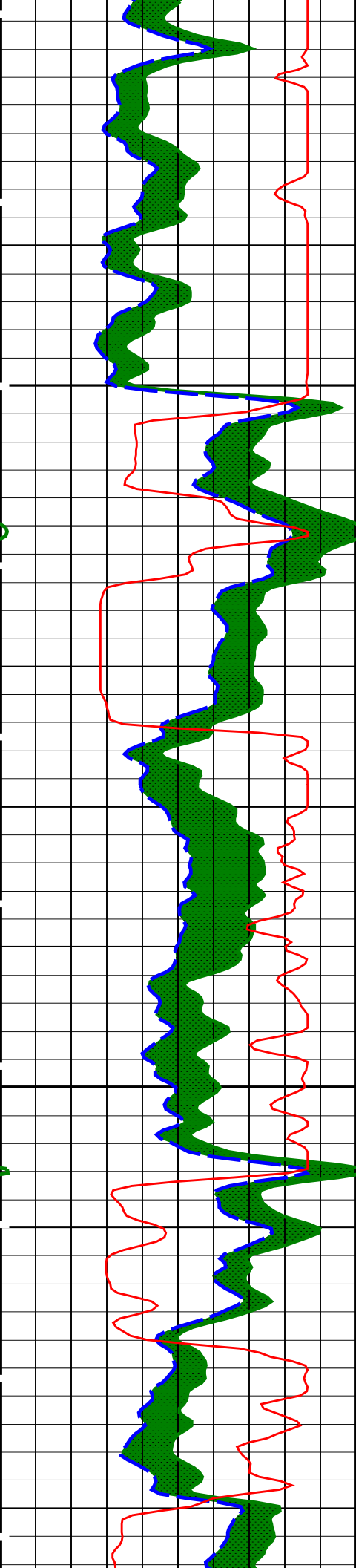




1700

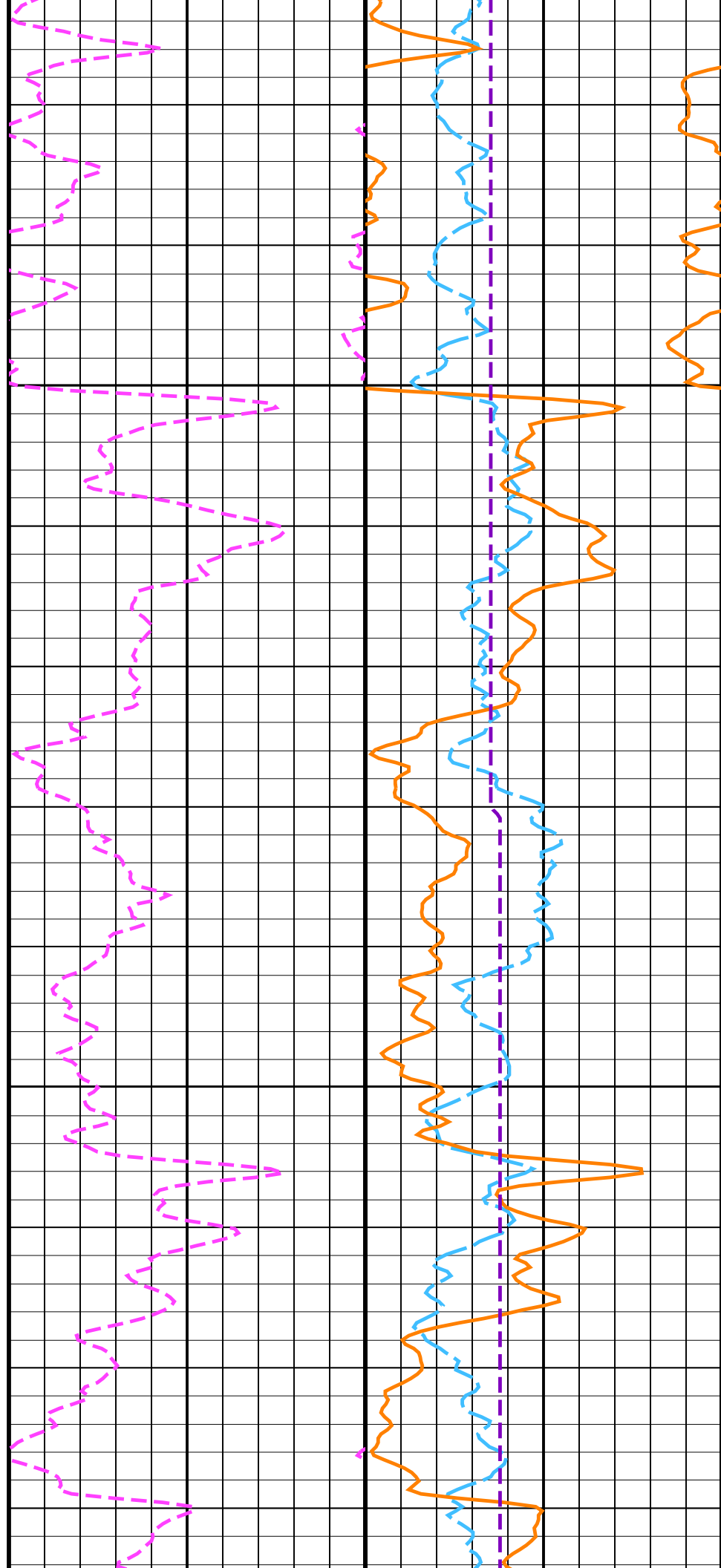
1725

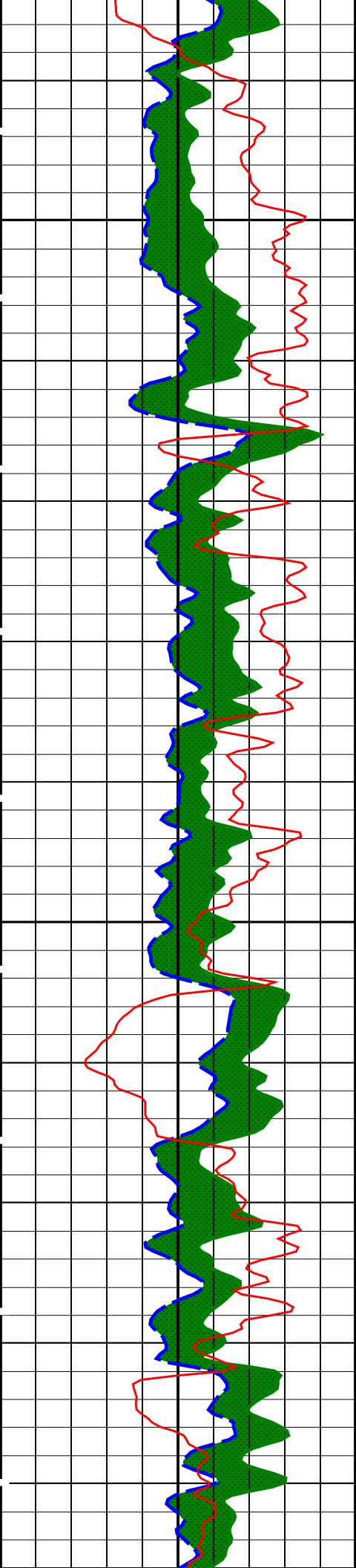




1750

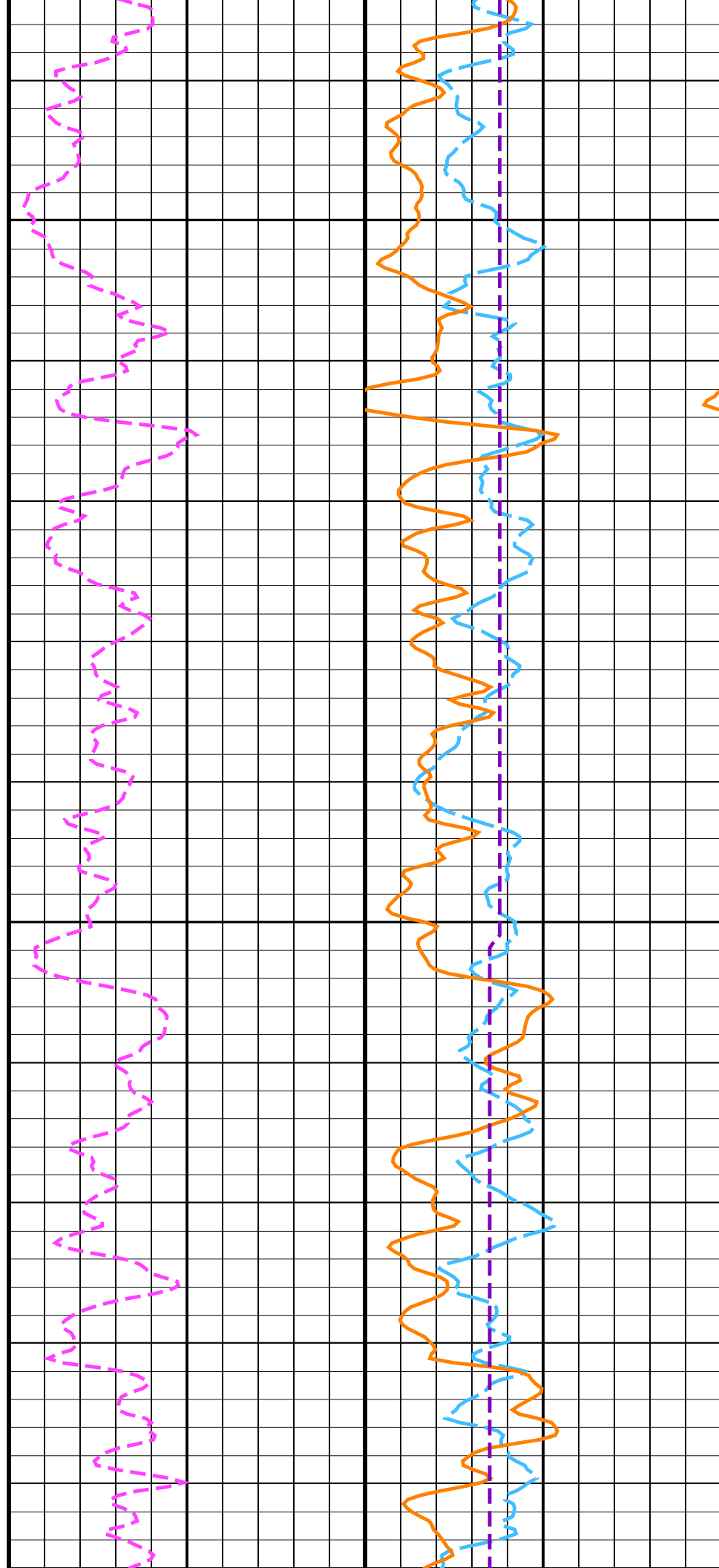
1775

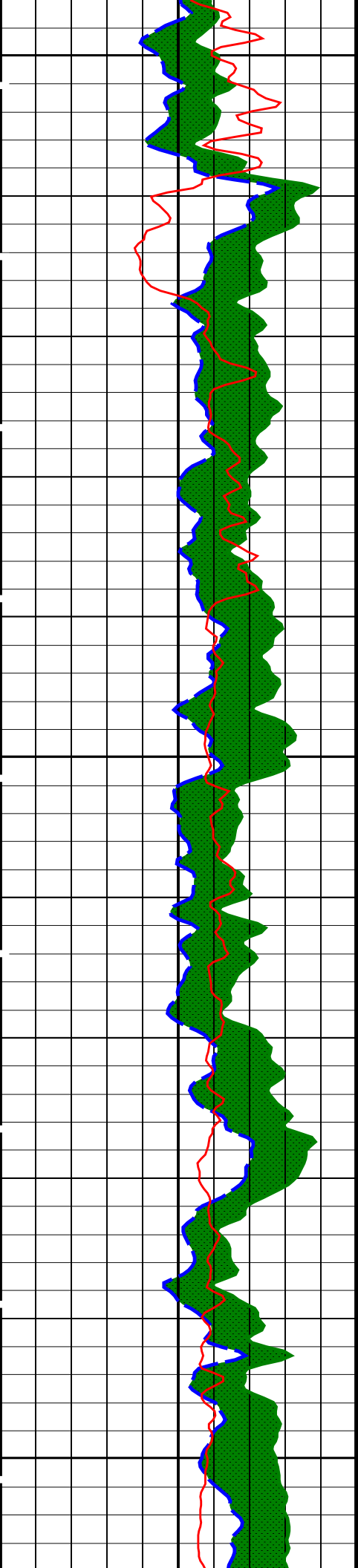




1800

1825

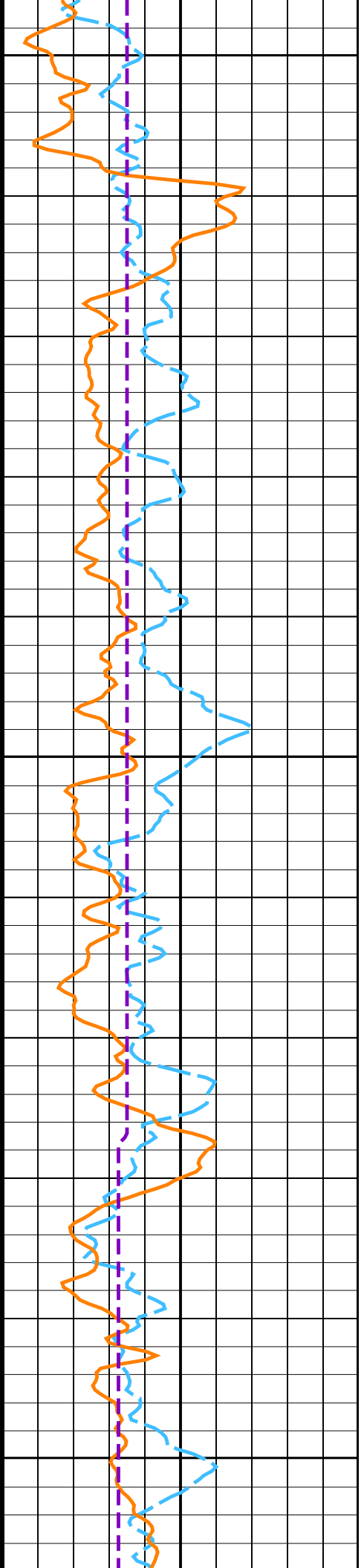
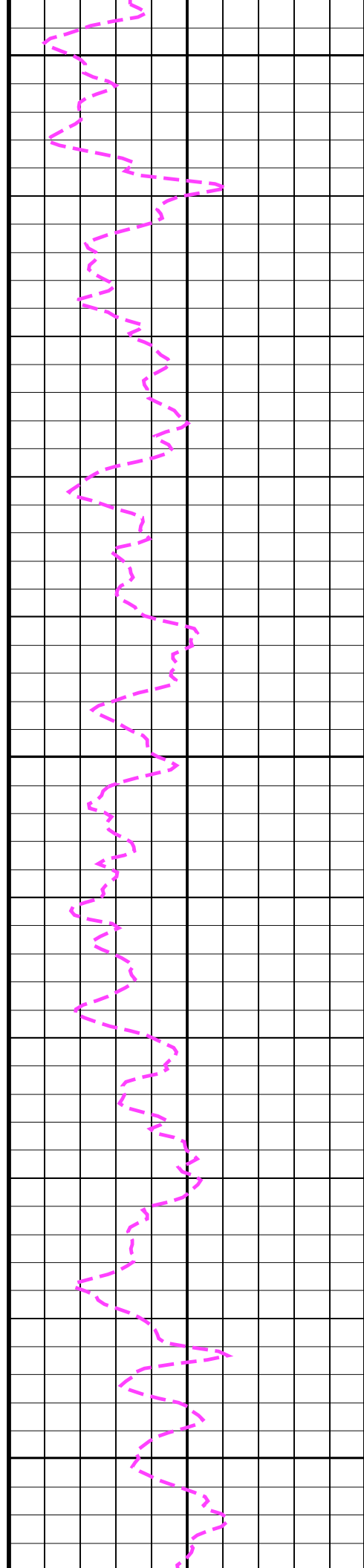


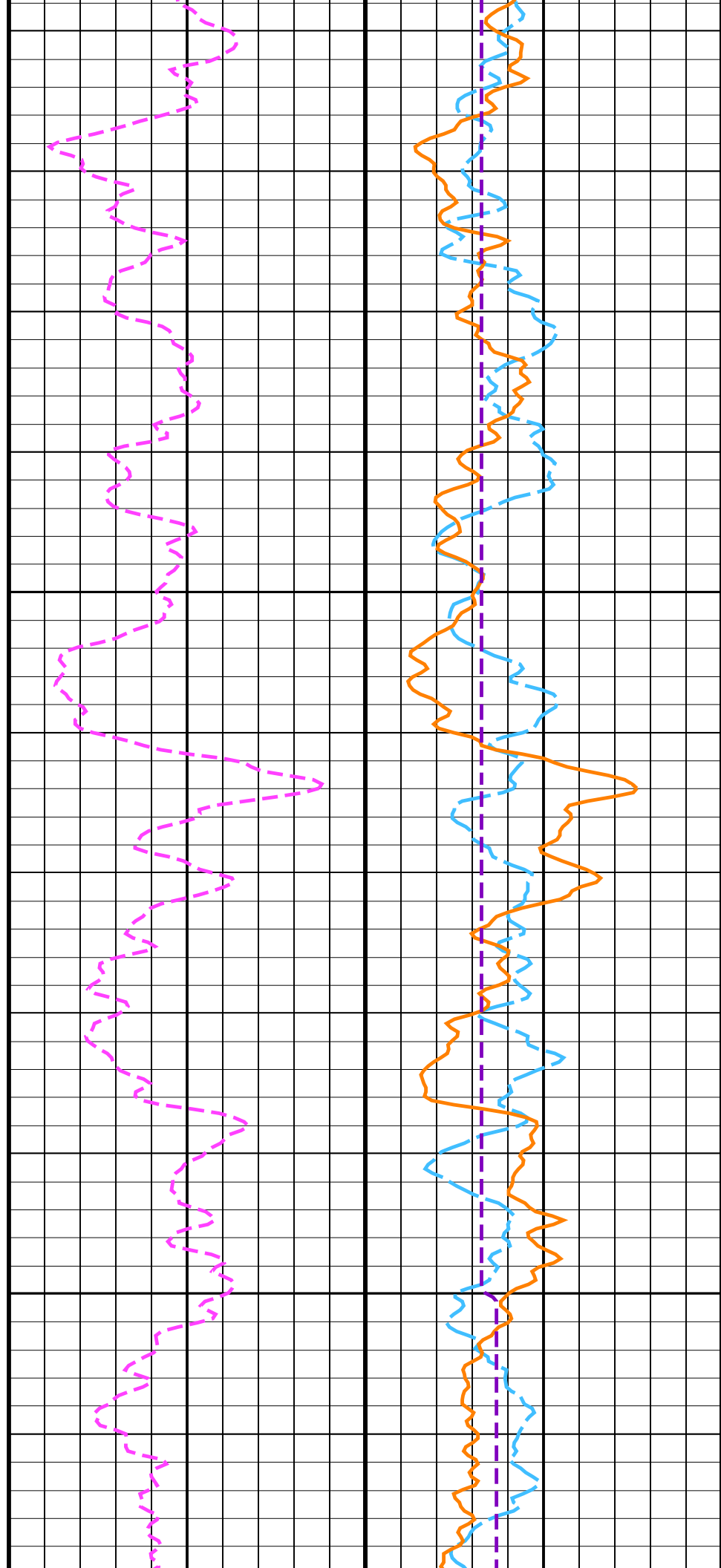
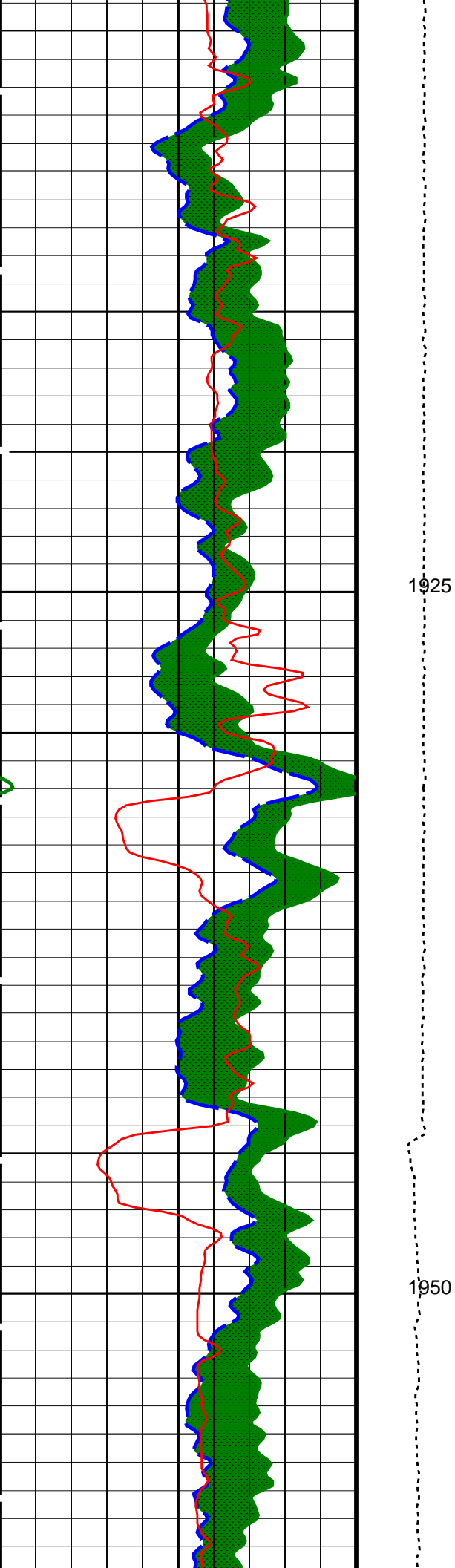


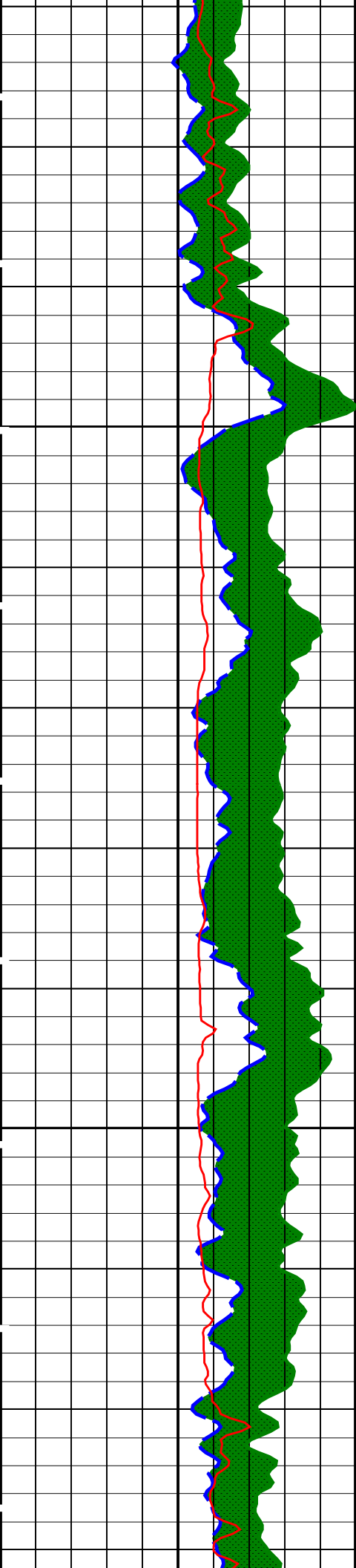
1850

1875

1900

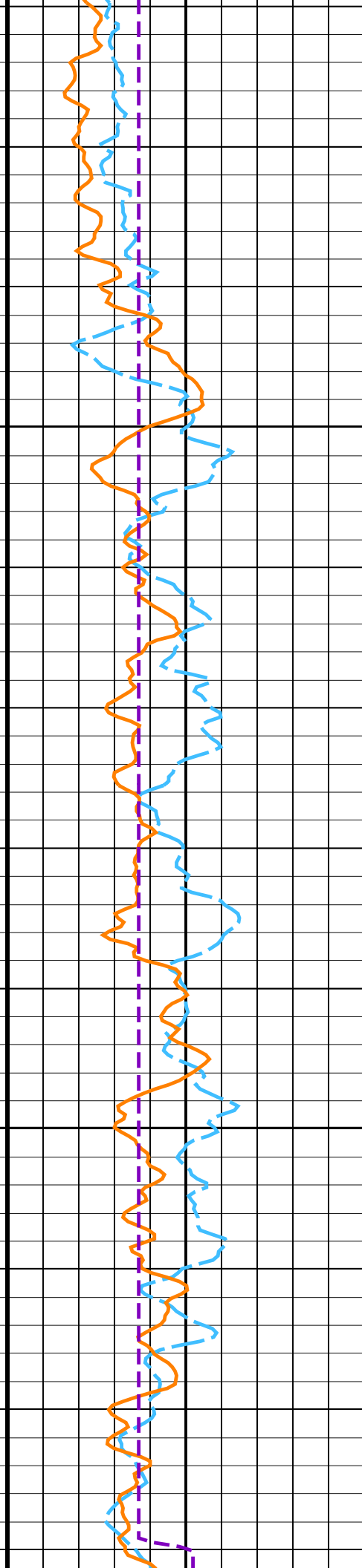
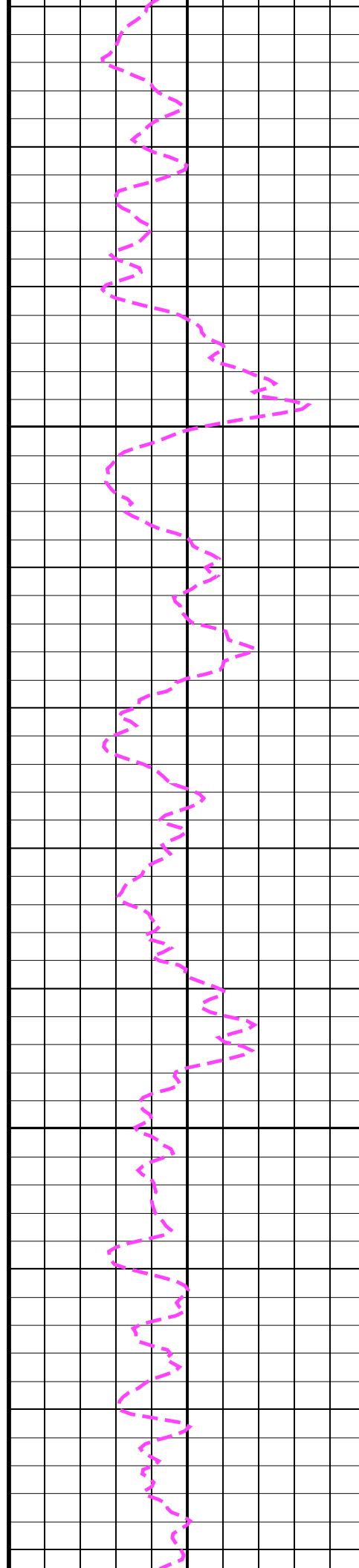


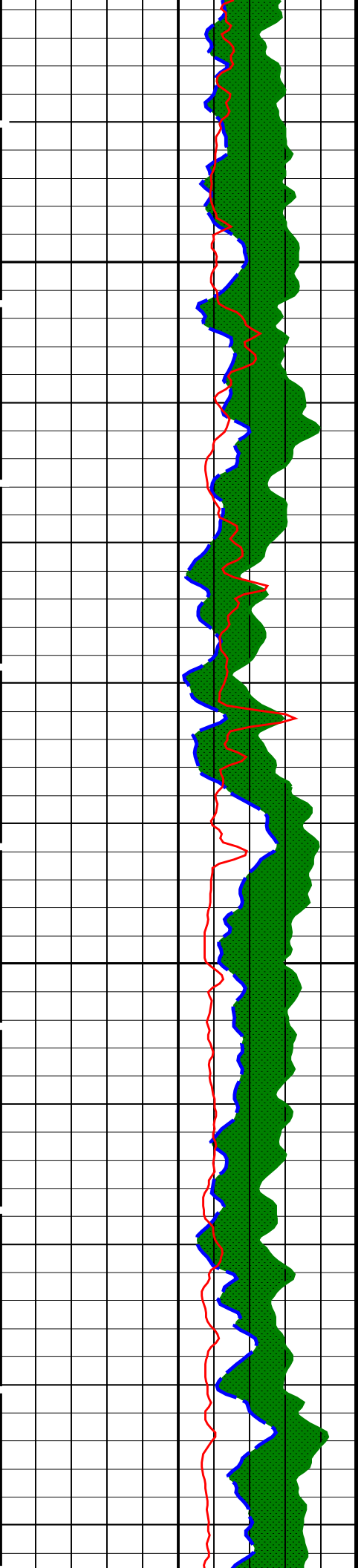




1975

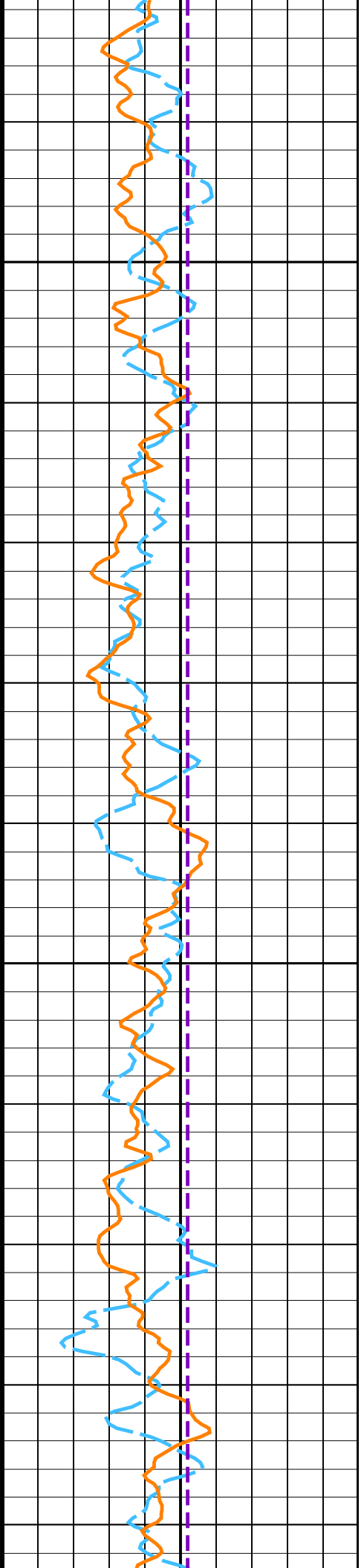
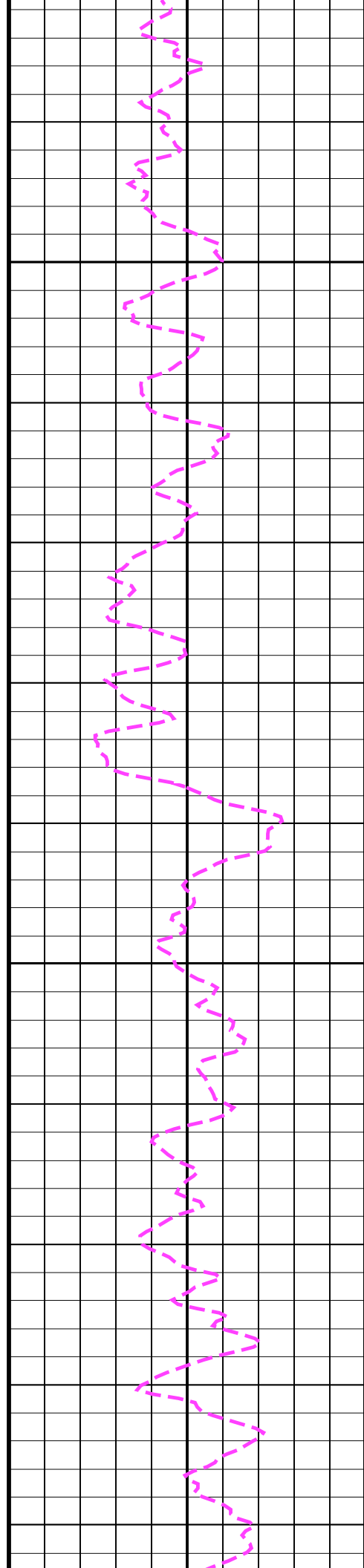
2000

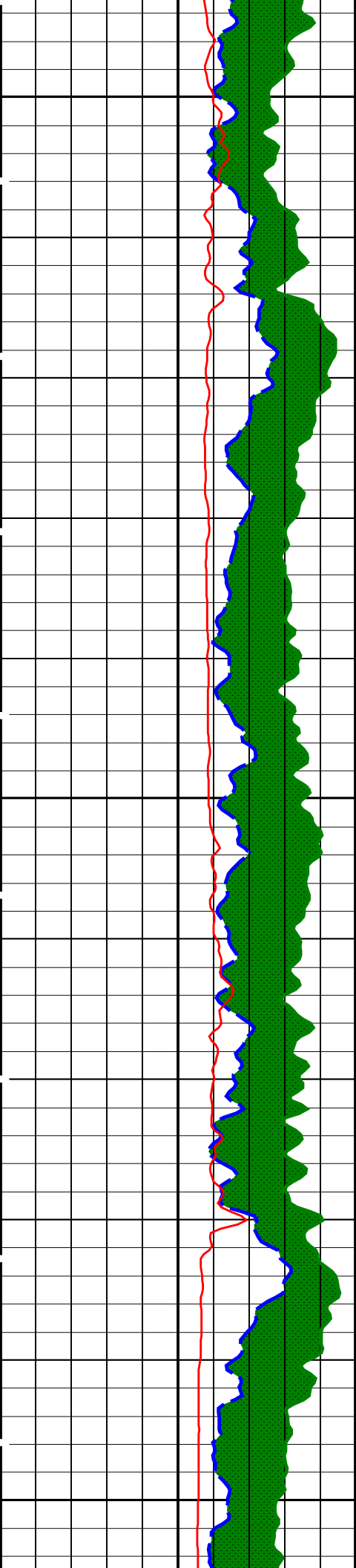




2025

2050

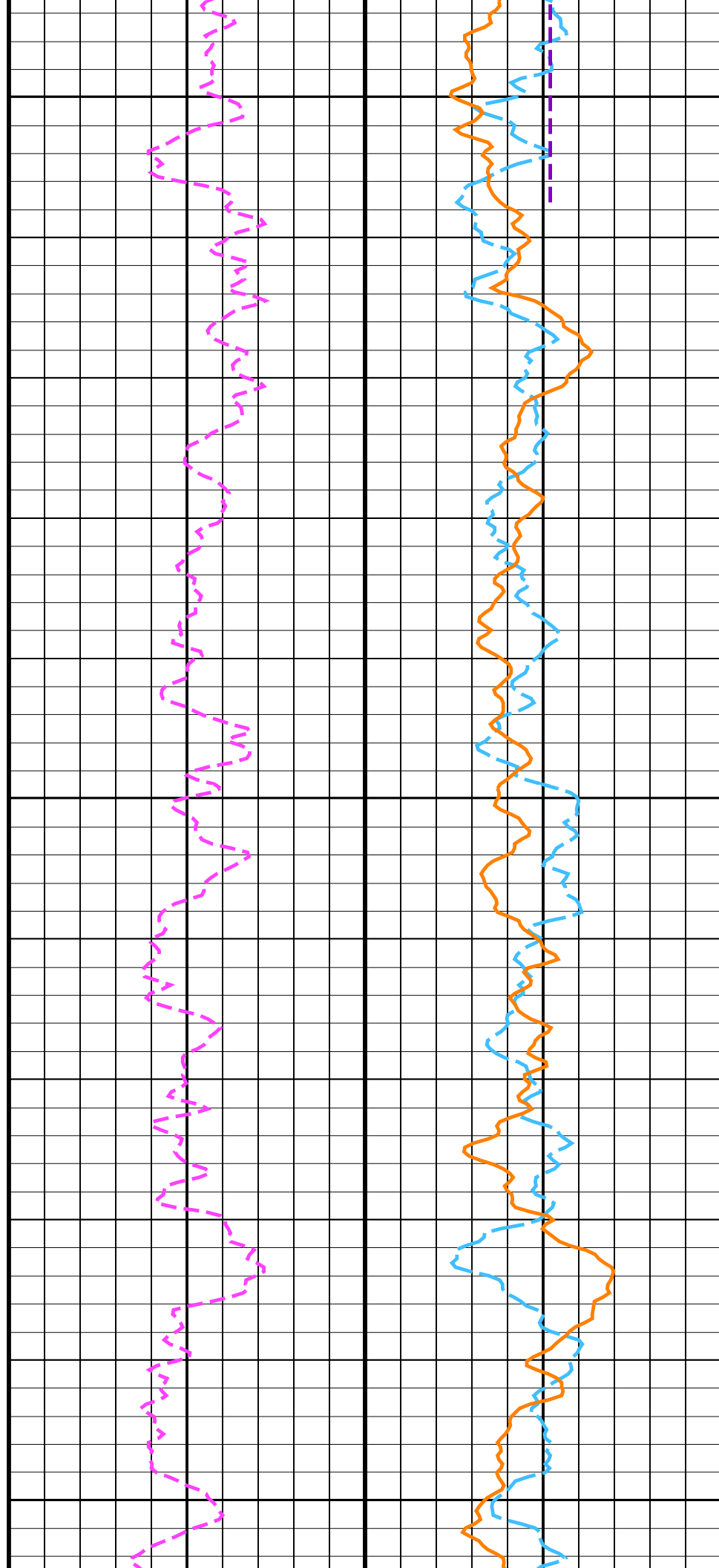


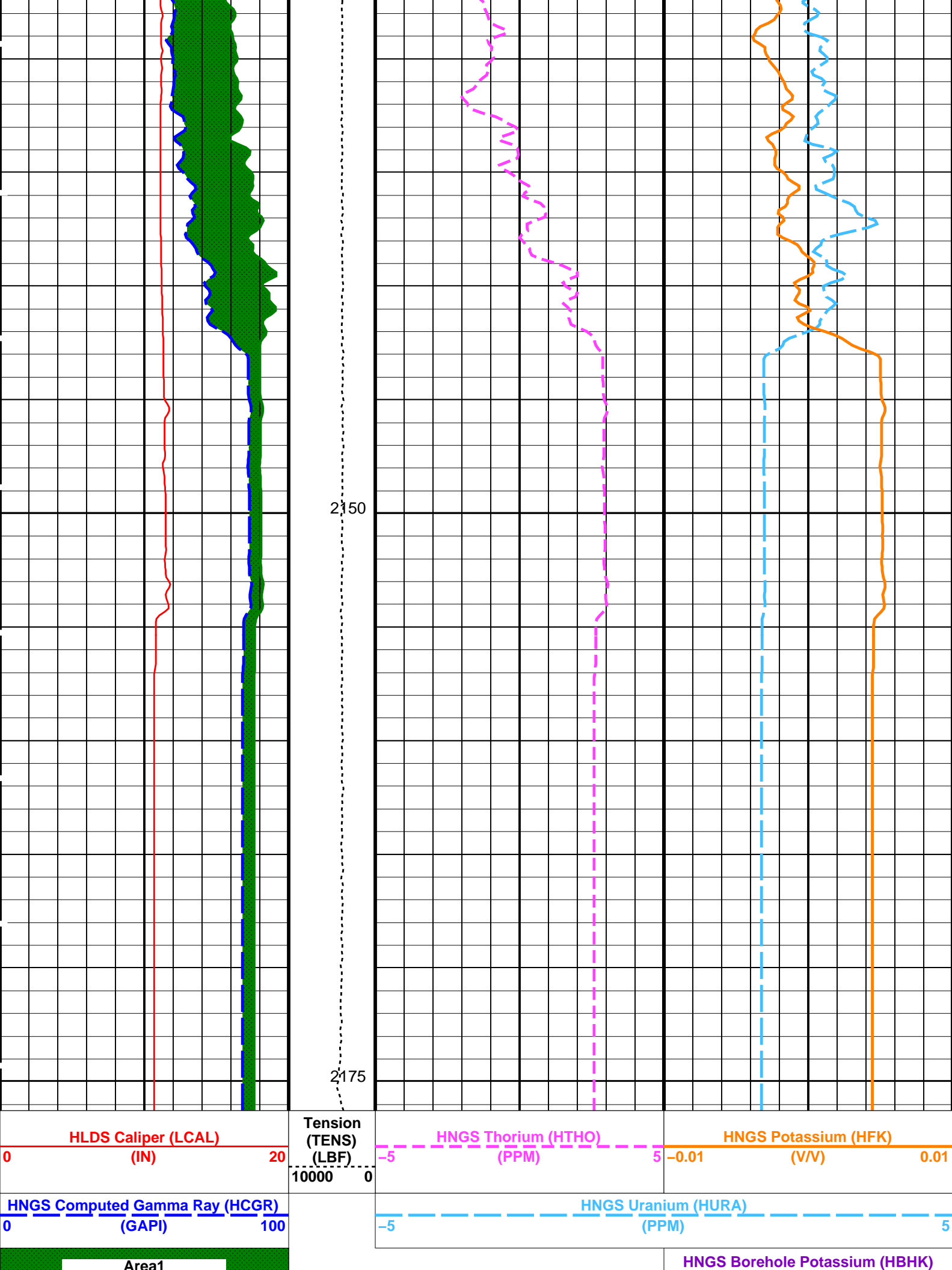


2075

2100

2125





From HCGR to HSGR	-0.01	(V/V)	0.01
HNGS Spectroscopy Gamma Ray (HSGR)			
0	(GAPI)	100	

PIP SUMMARY			
Time Mark Every 60 S			

Parameters			
DLIS Name	Description	Value	
BHS GCSE	HRLT-B: High Resolution Laterolog Array – B Borehole Status	OPEN	
	Generalized Caliper Selection	LCAL	
BHS GCSE	APS-C: Accelerator-Porosity Tool Borehole Status	OPEN	
	Generalized Caliper Selection	LCAL	
BAR1 BAR2	HNGS-BA: Hostile Natural Gamma Ray Sonde 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	LCAL	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.000636743	
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	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.01024	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.996682	
BHS GCSE	EDTC-B: Enhanced DTS Cartridge Borehole Status	OPEN	
	Generalized Caliper Selection	LCAL	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.02	G/C3

Format: HNGSYields	Vertical Scale: 1:200	Graphics File Created: 06-Jul-2024 10:07
--------------------	-----------------------	--

OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files					
DEFAULT	MSS_LDEO_HRLA_LDL_016LUP	FN:20	PRODUCER	06-Jul-2024 10:07	
RTB	MSS_LDEO_HRLA_LDL_016LUP	FN:21	PRODUCER	06-Jul-2024 10:07	

Company: International Ocean Discovery Program	Well: Expedition 403, Site U1620D
--	-----------------------------------

Output DLIS Files					
DEFAULT	MSS_LDEO_HRLA_LDL_016LUP	FN:20	PRODUCER	06-Jul-2024 10:07	2176.3 M 1570.5 M
RTB	MSS_LDEO_HRLA_LDL_016LUP	FN:21	PRODUCER	06-Jul-2024 10:07	2176.3 M 1570.5 M

OP System Version: 19C0-187					
-----------------------------	--	--	--	--	--

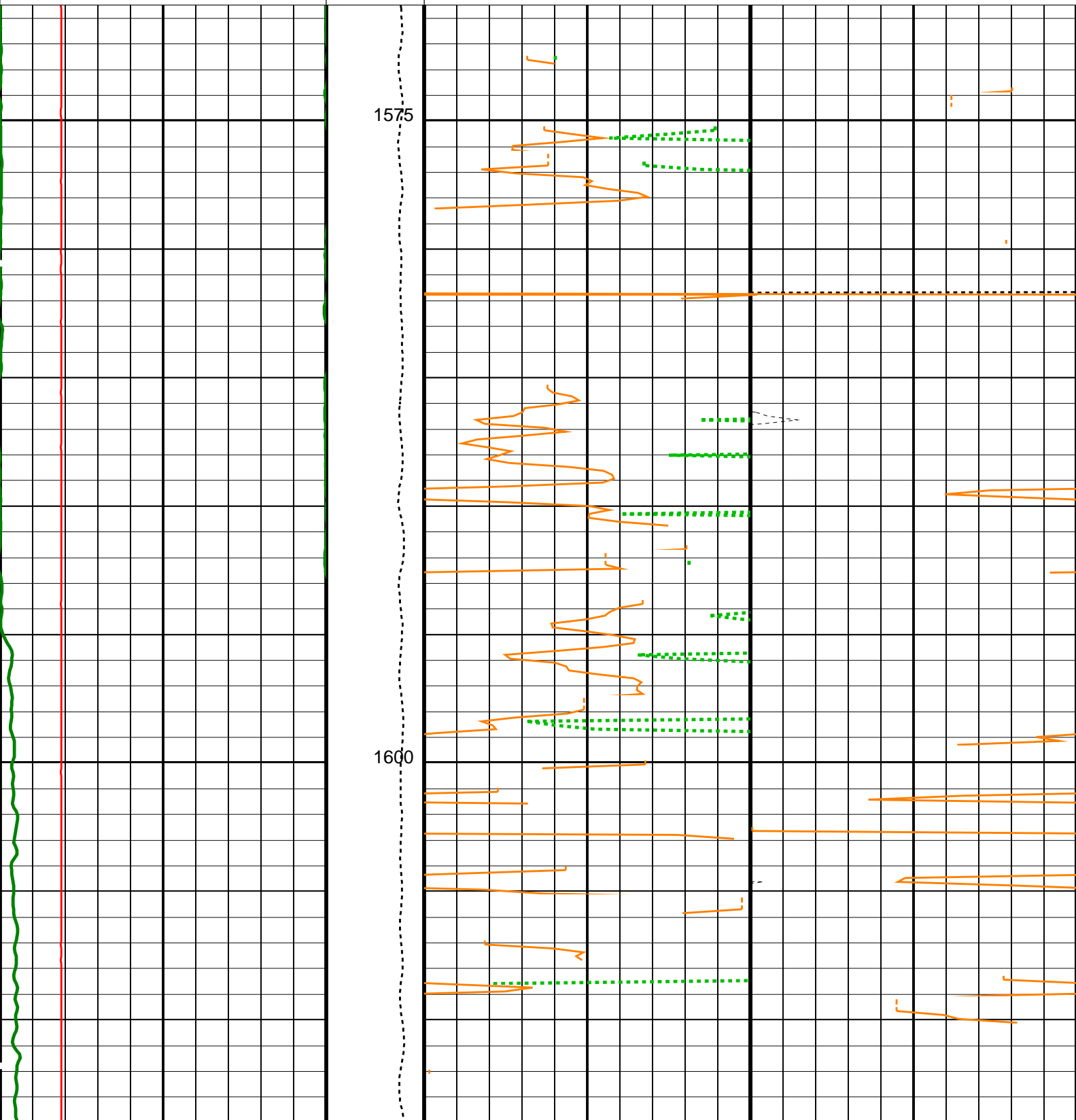
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

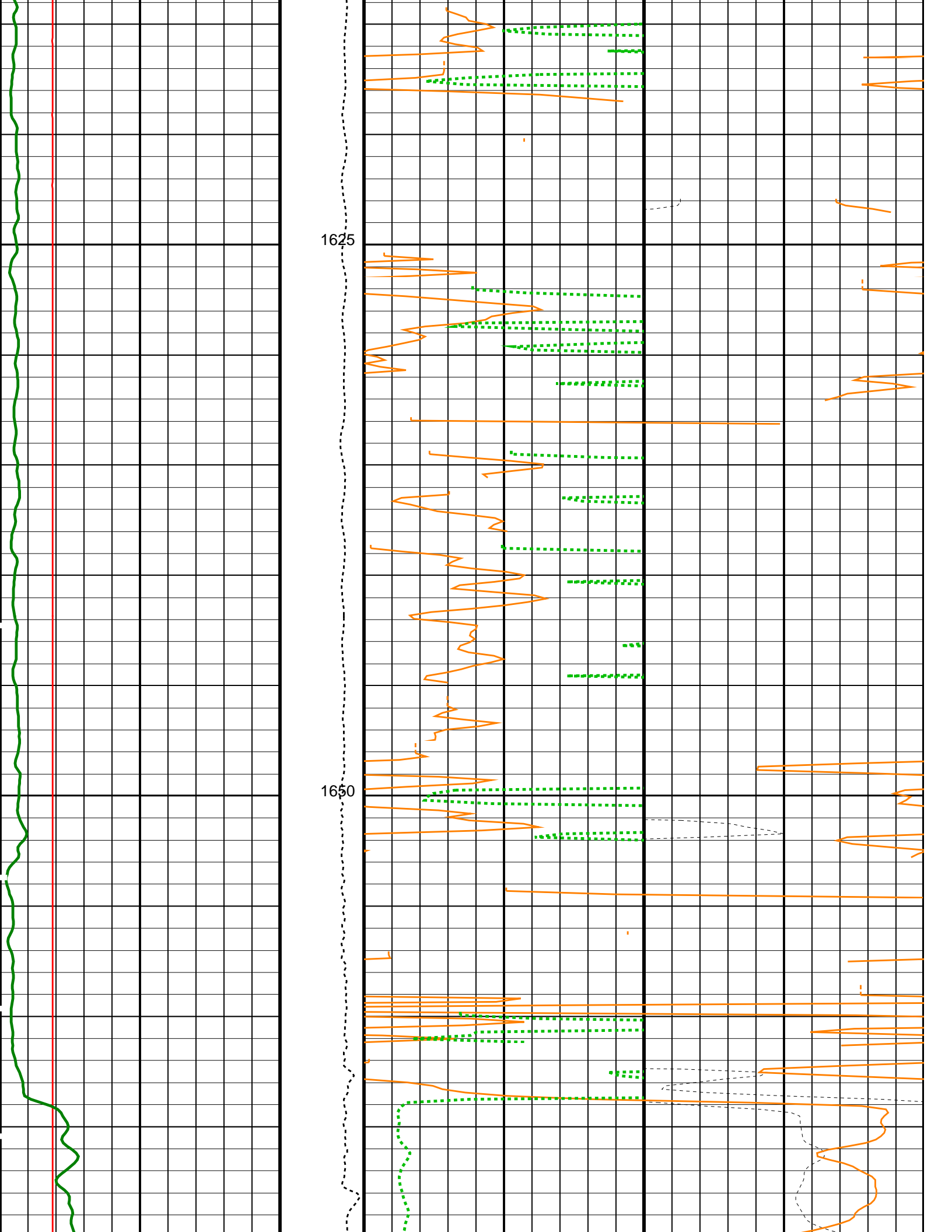
PIP SUMMARY

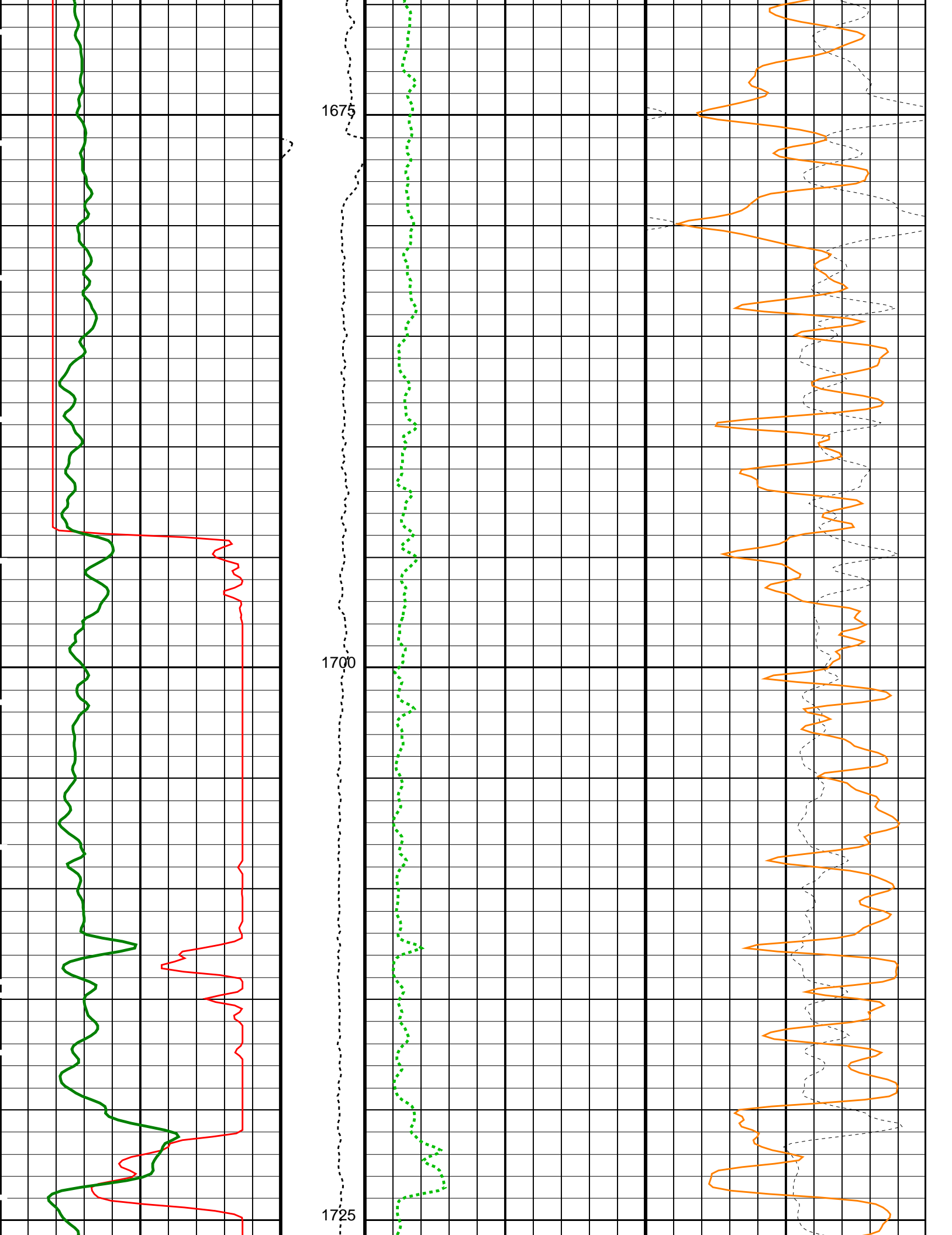
Time Mark Every 60 S

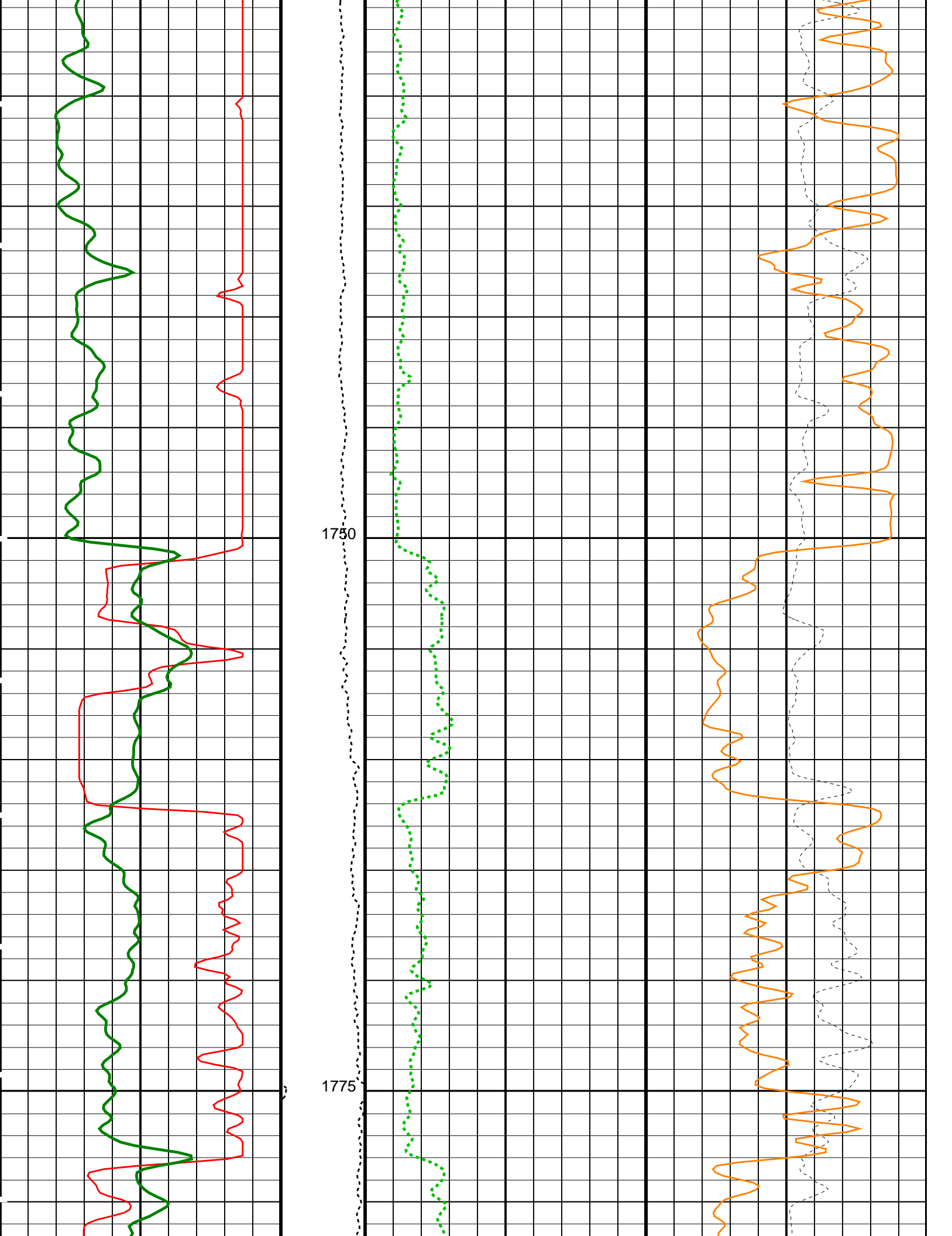
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)	HLDS Long Spaced Photoelectric Effect (PEFL) (----)	HLDS Bulk Density Correction (DRH) (G/C3)
0150	010	-0.250.25

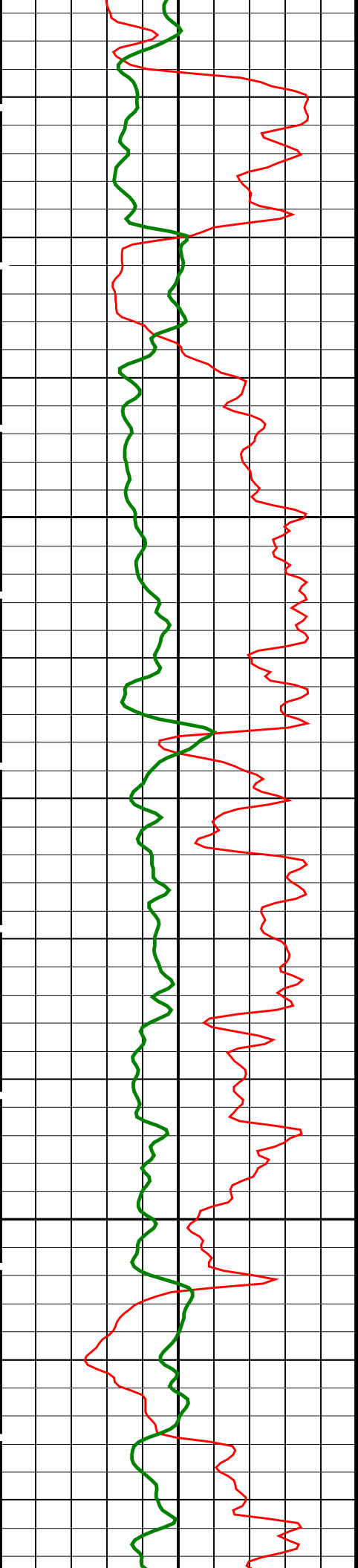
HLDS Caliper (LCAL) (IN)	Tension (TENS) (LBF)	HLDS Bulk Density (RHOM) (G/C3)
020	05000	31





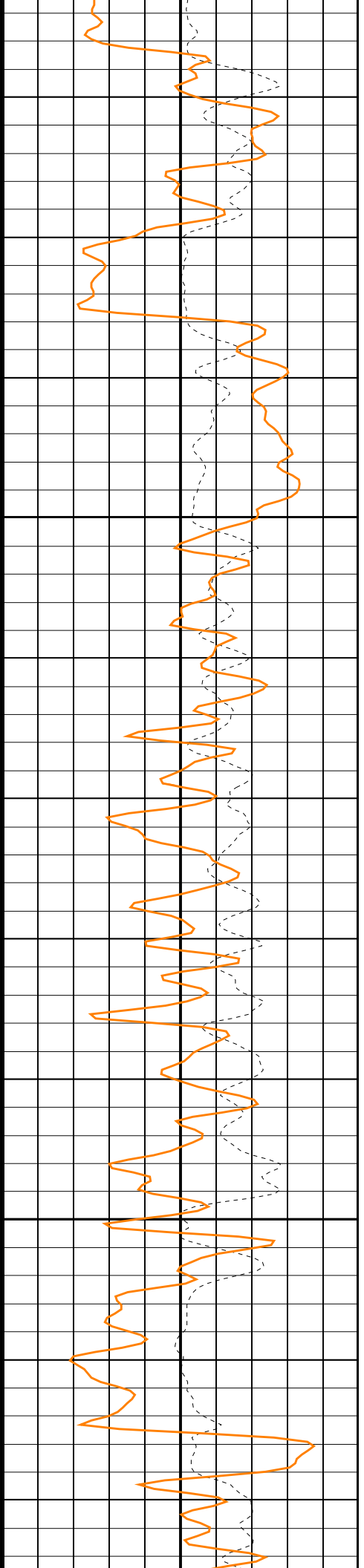
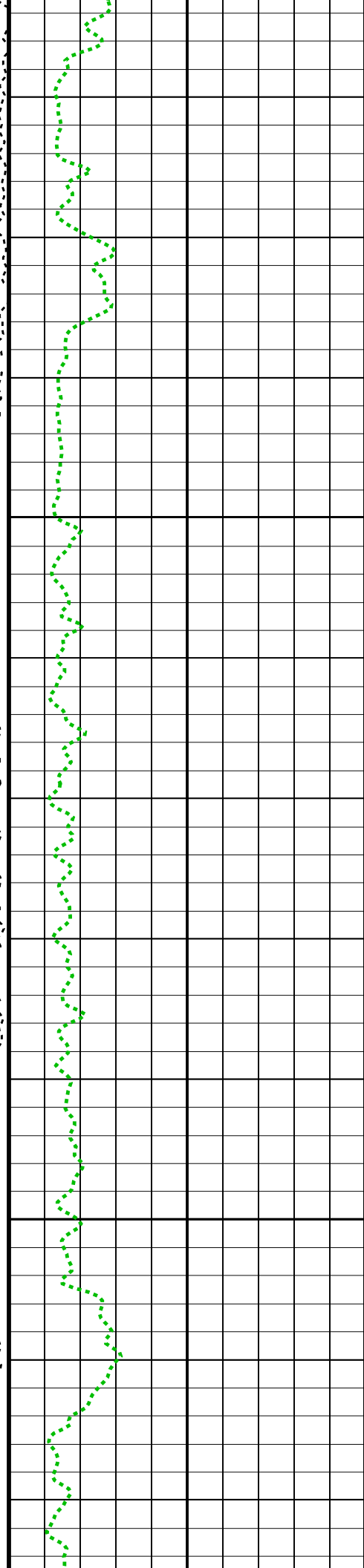


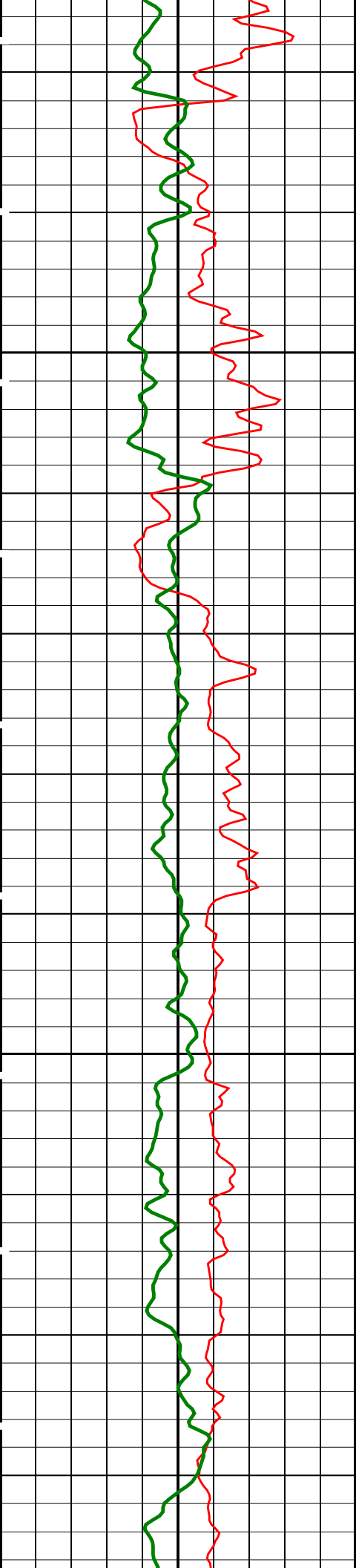




1800

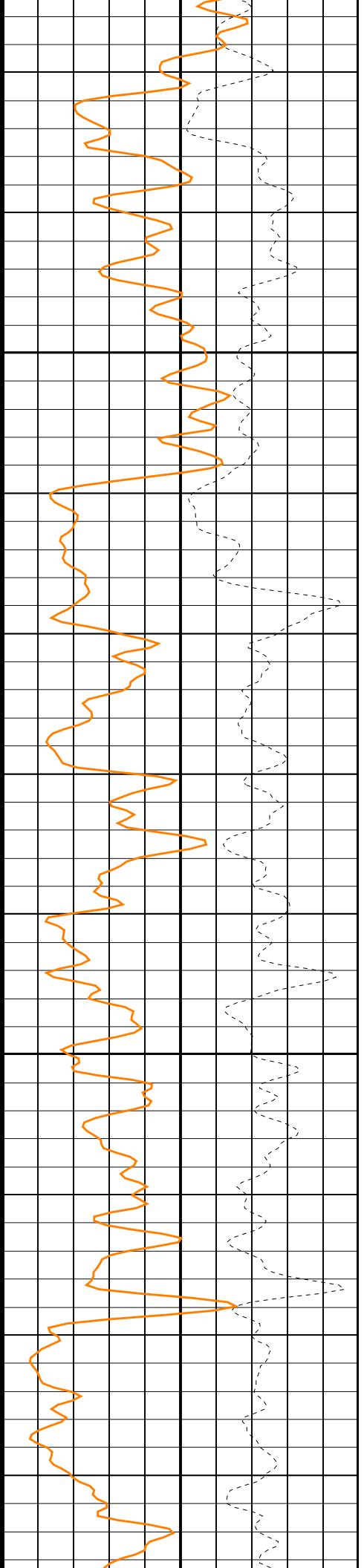
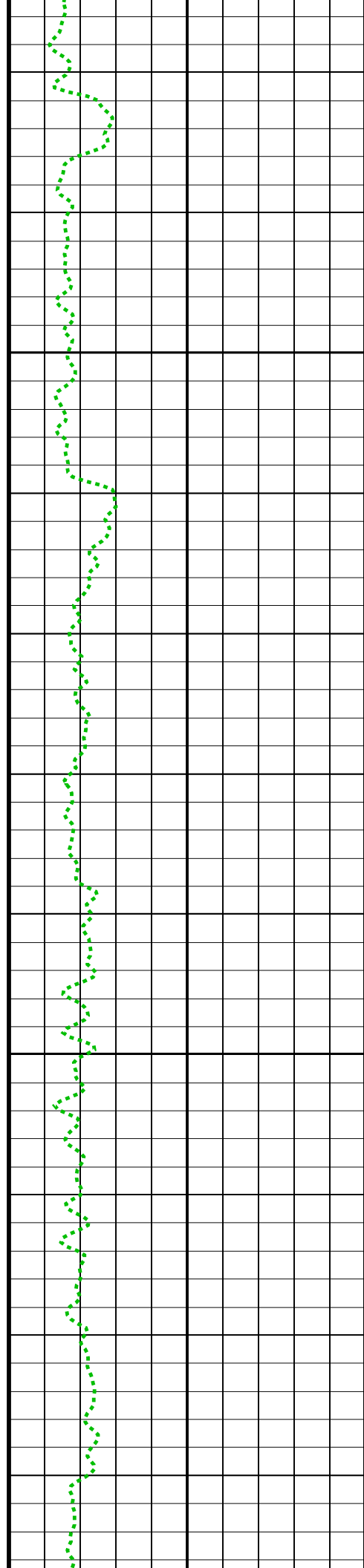
1825

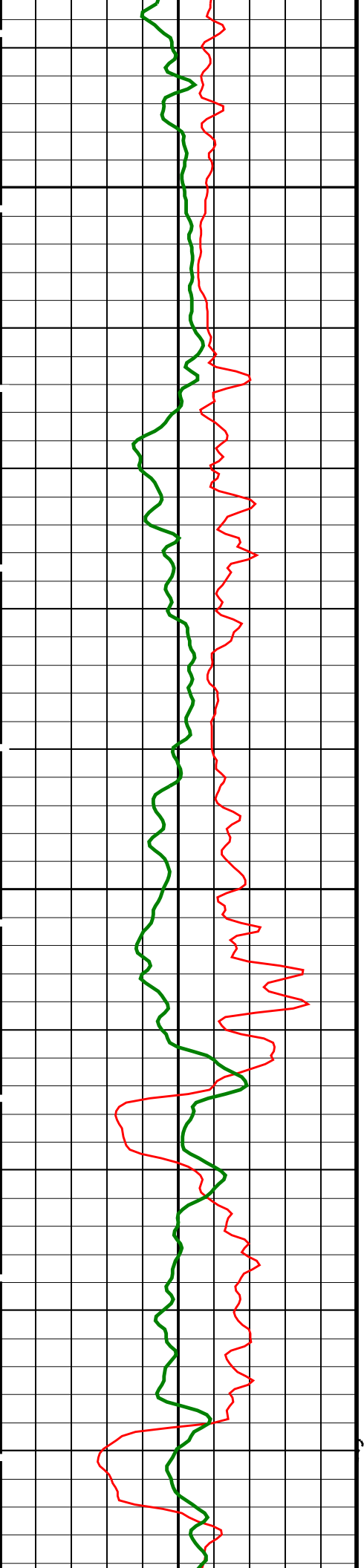




1850

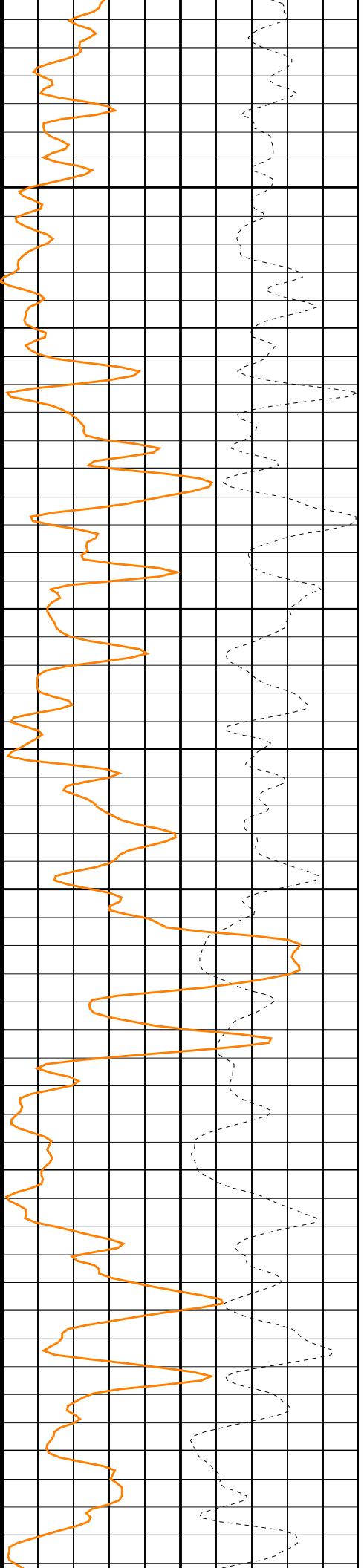
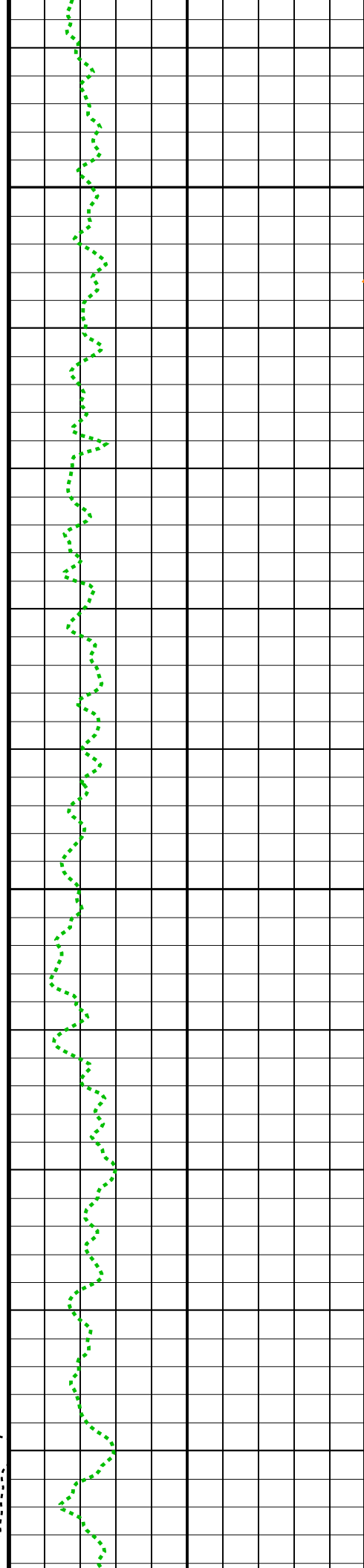
1875

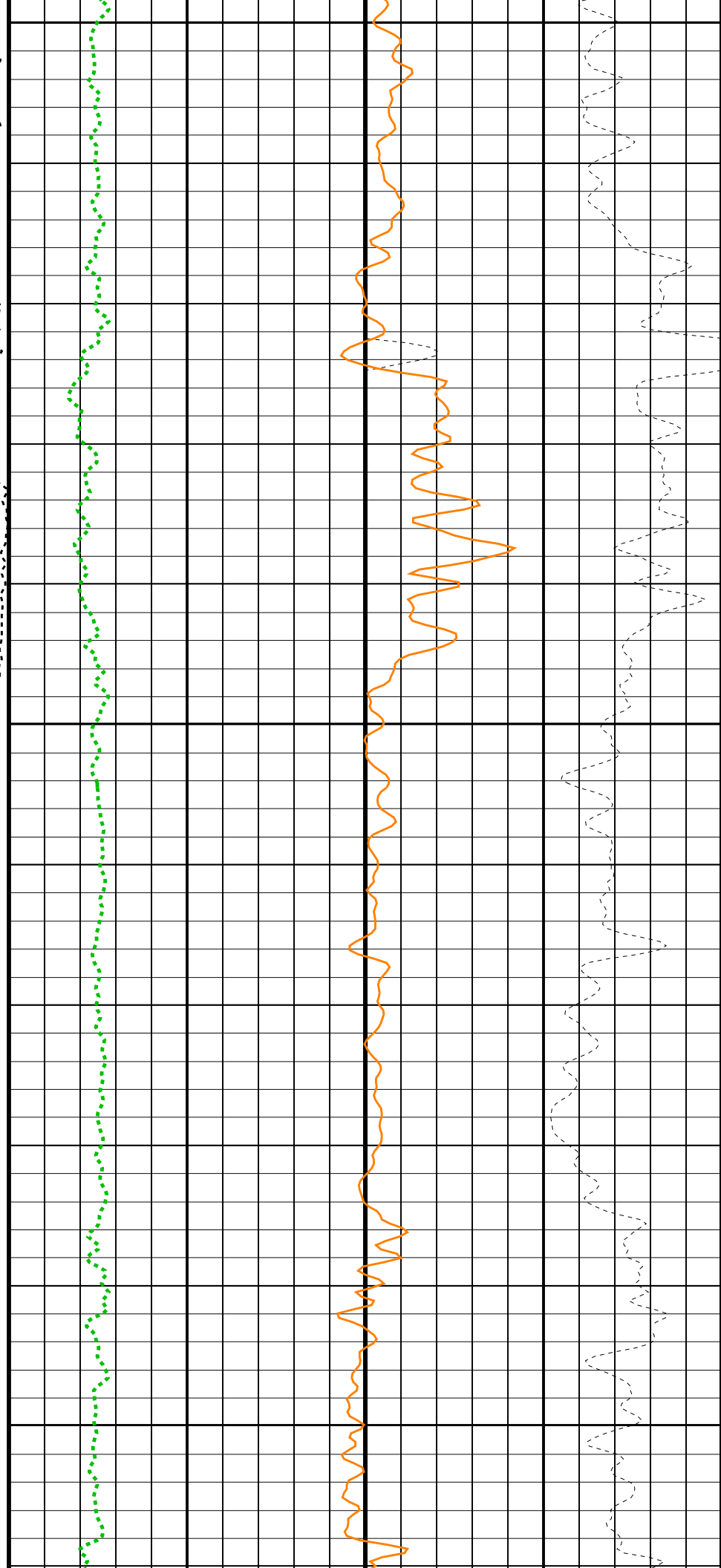
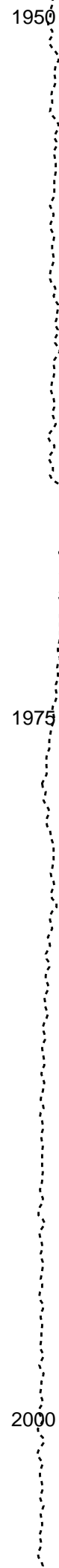
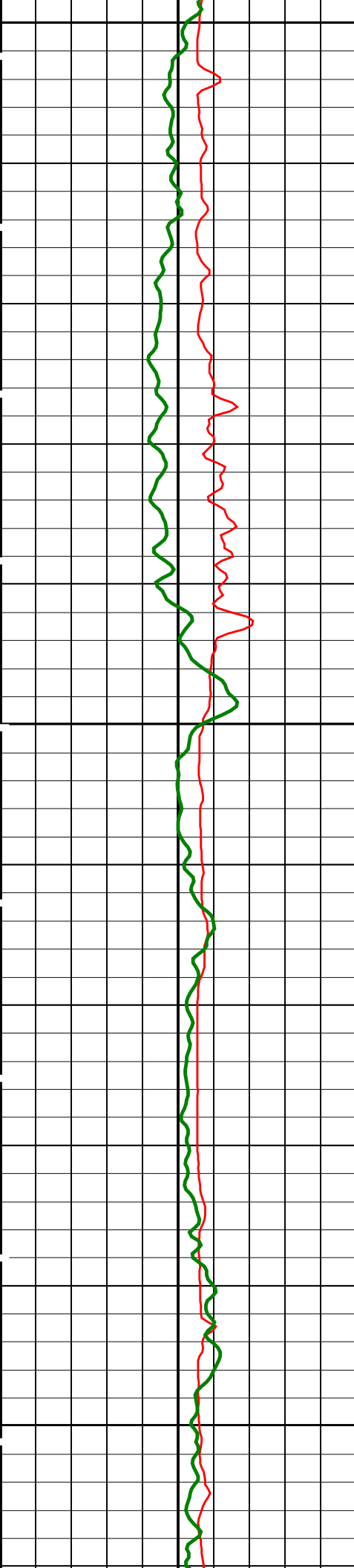


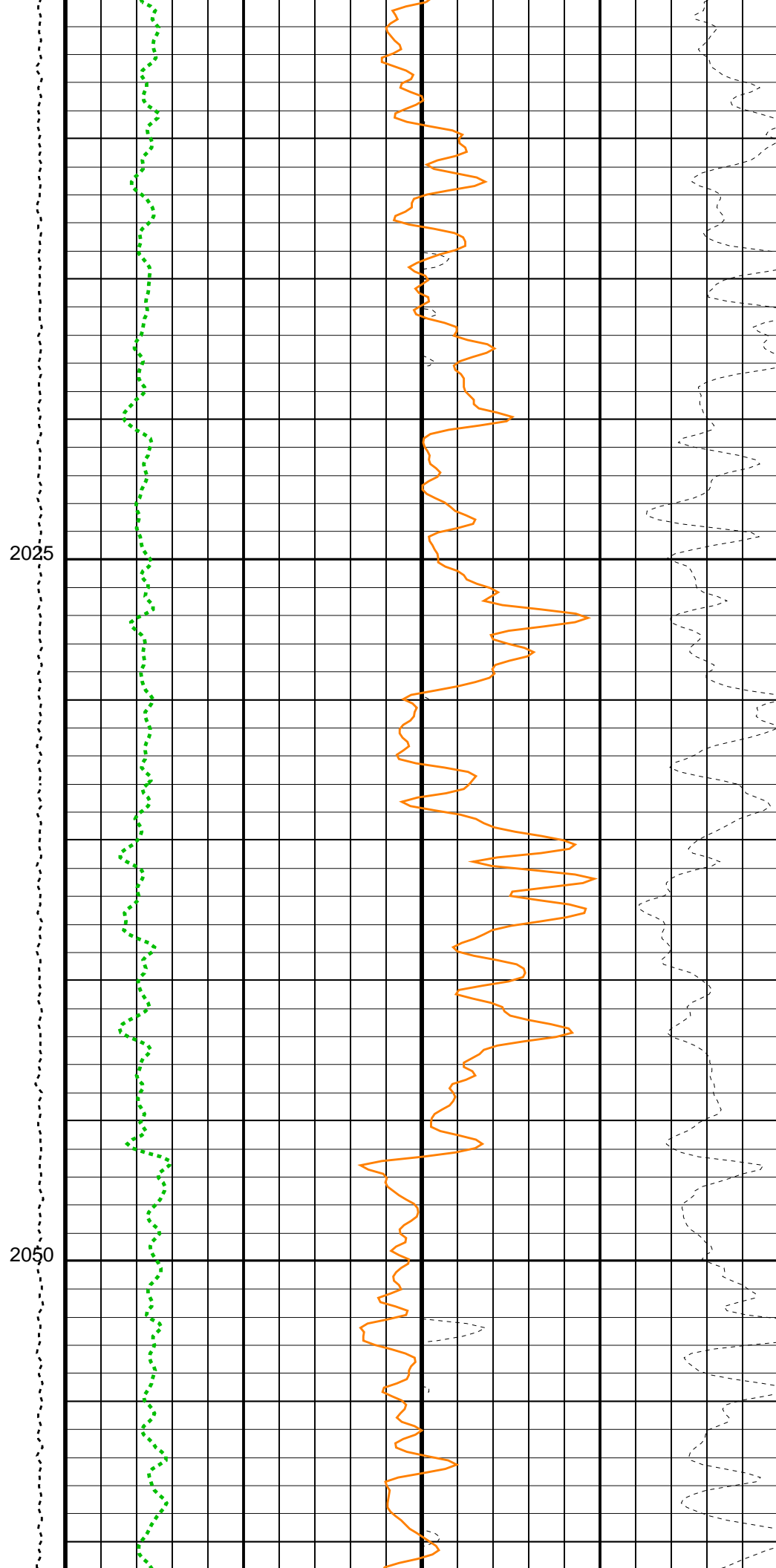
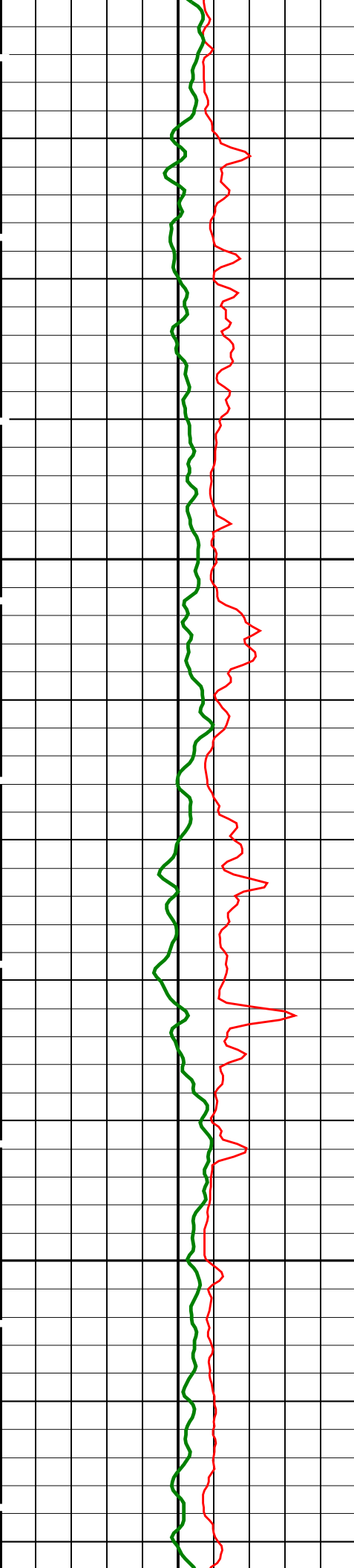


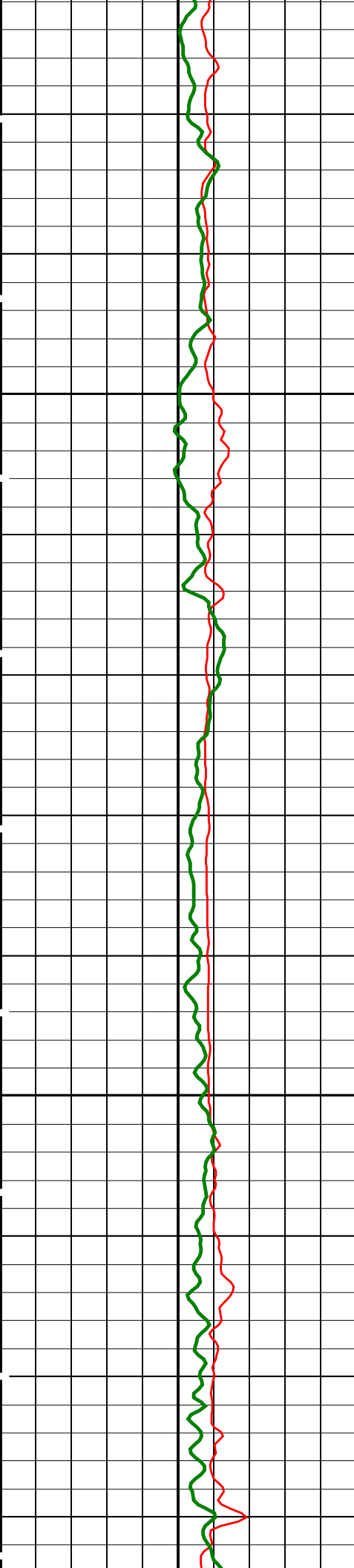
1900

1925



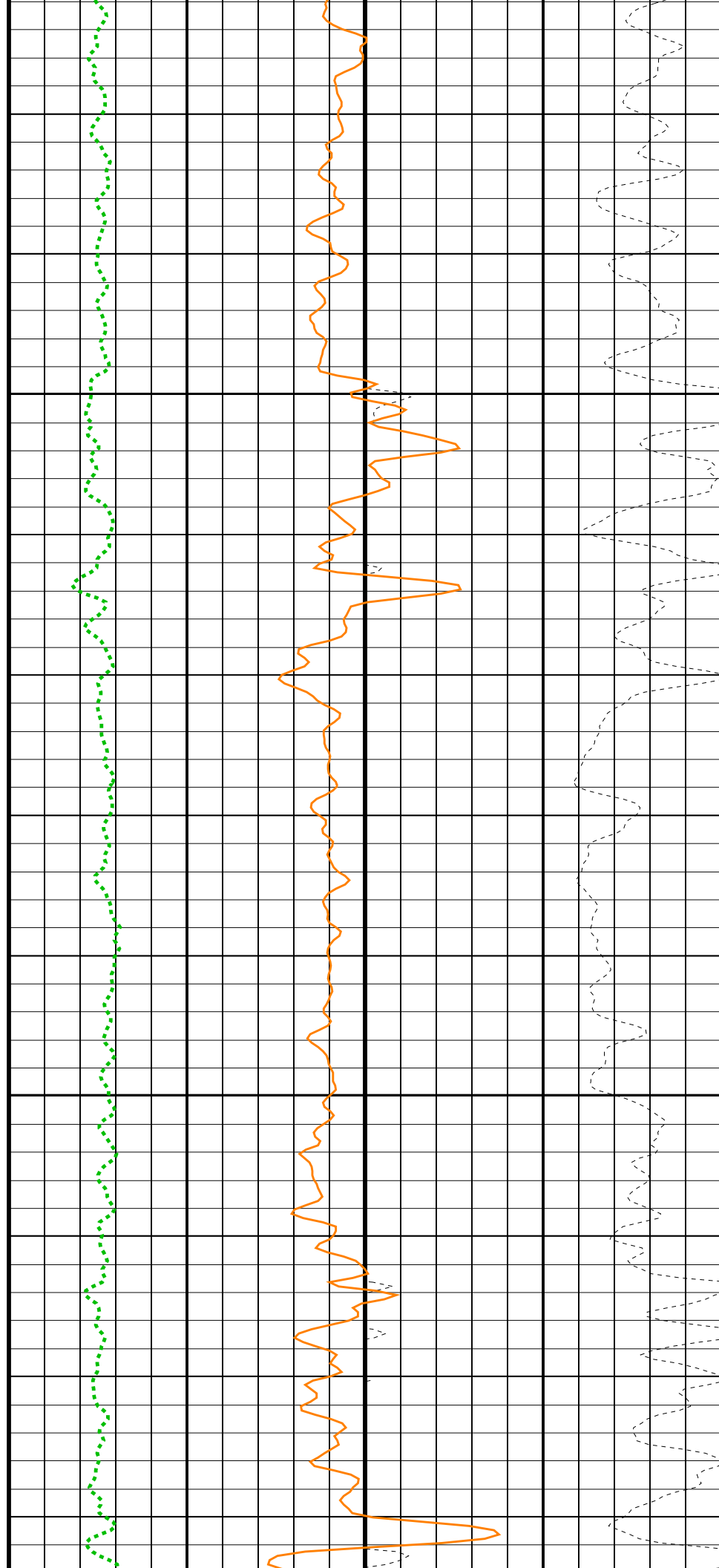


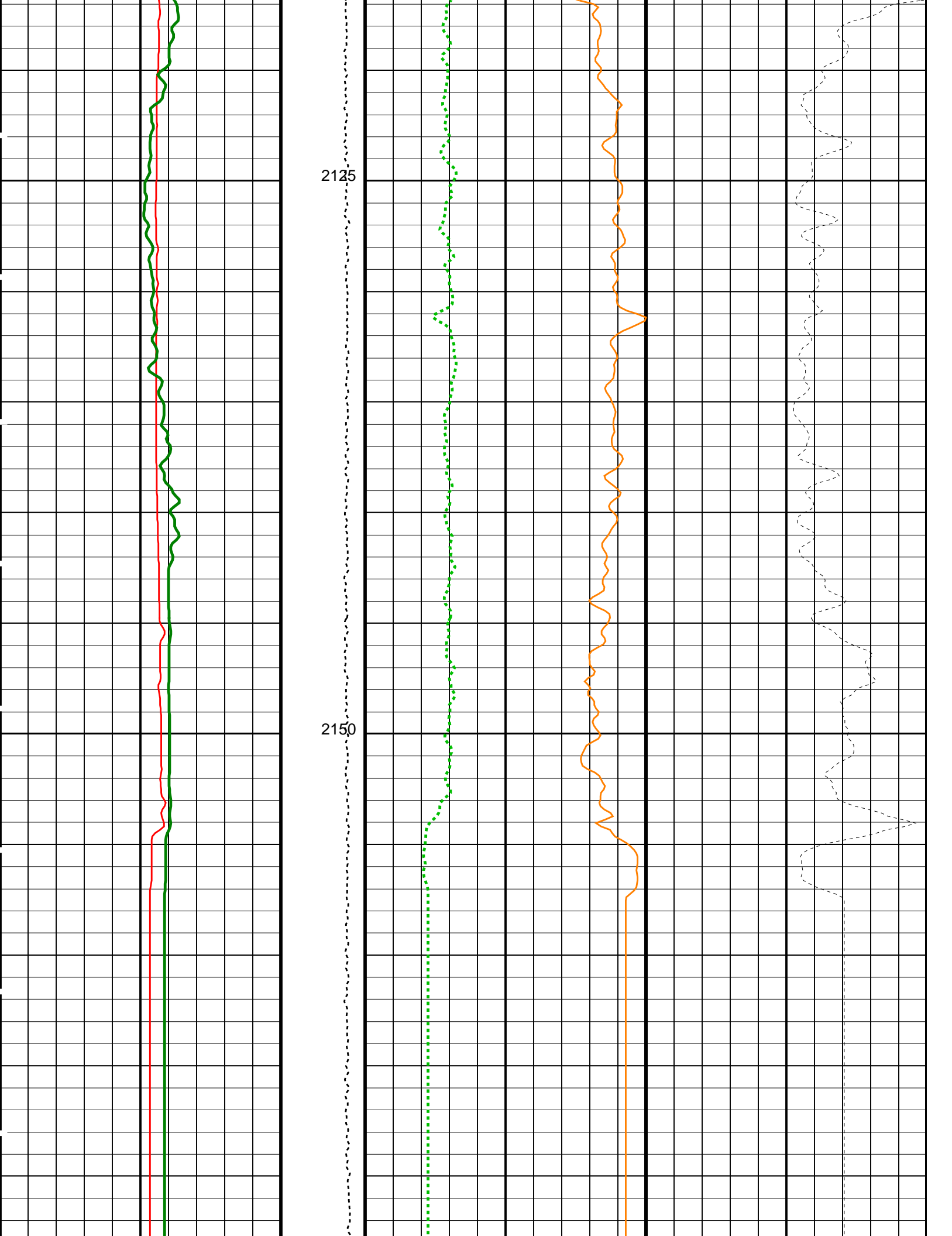


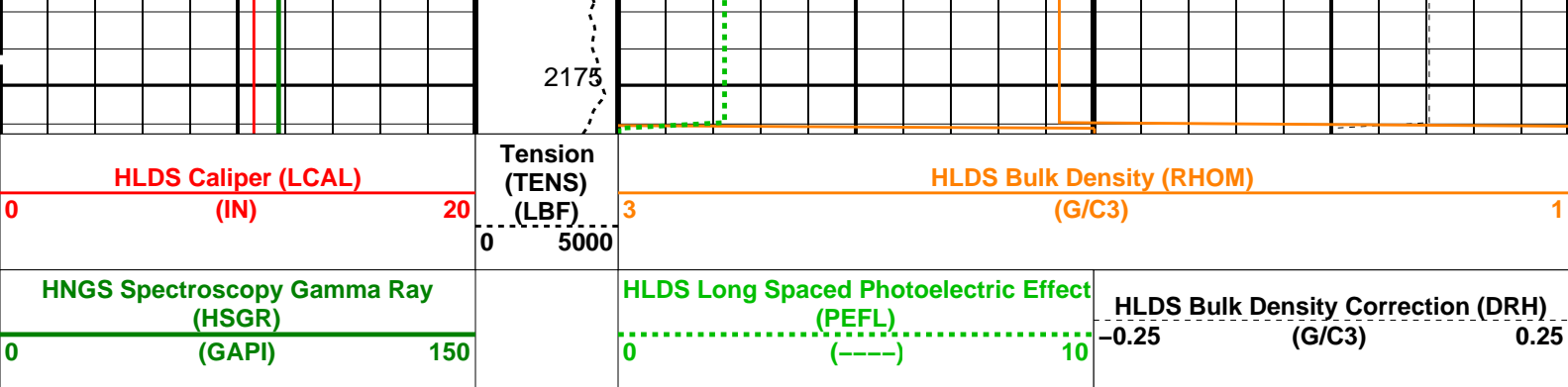


2075

2100







PIP SUMMARY

Time Mark Every 60 S

Parameters			
DLIS Name	Description	Value	
BHS	HRLT-B: High Resolution Laterolog Array - B		
GCSE	Borehole Status	OPEN	
	Generalized Caliper Selection	LCAL	
	HLDS: Hostile Litho-Density Sonde		
DHC	Density Hole Correction	BS	
DPPM	Density Porosity Processing Mode	HIRS	
FD	Fluid Density	1	G/C3
LATC	HLDS Activation Correction	OFF	
MDEN	Matrix Density	2.6	G/C3
	APS-C: Accelerator-Porosity Tool		
	APS Software Version	5	
BHS	Borehole Status	OPEN	
DPPM	Density Porosity Processing Mode	HIRS	
GCSE	Generalized Caliper Selection	LCAL	
	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	LCAL	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.000636743	
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	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.01024	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.996682	
	EDTC-B: Enhanced DTS Cartridge		
BHS	Borehole Status	OPEN	
DPPM	Density Porosity Processing Mode	HIRS	
GCSE	Generalized Caliper Selection	LCAL	
	System and Miscellaneous		
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.02	G/C3

Format: HLDSDensityPE Vertical Scale: 1:200 Graphics File Created: 06-Jul-2024 10:07

OP System Version: 19C0-187			
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187
HLDS	19C0-187	LDSC-B	19C0-187
APS-C	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	19C0-187

Output DLIS Files

DEFAULT	MSS_LDEO_HRLA_LDL_016LUP	FN:20	PRODUCER	06-Jul-2024 10:07
RTB	MSS_LDEO_HRLA_LDL_016LUP	FN:21	PRODUCER	06-Jul-2024 10:07

Company: International Ocean Discovery Program

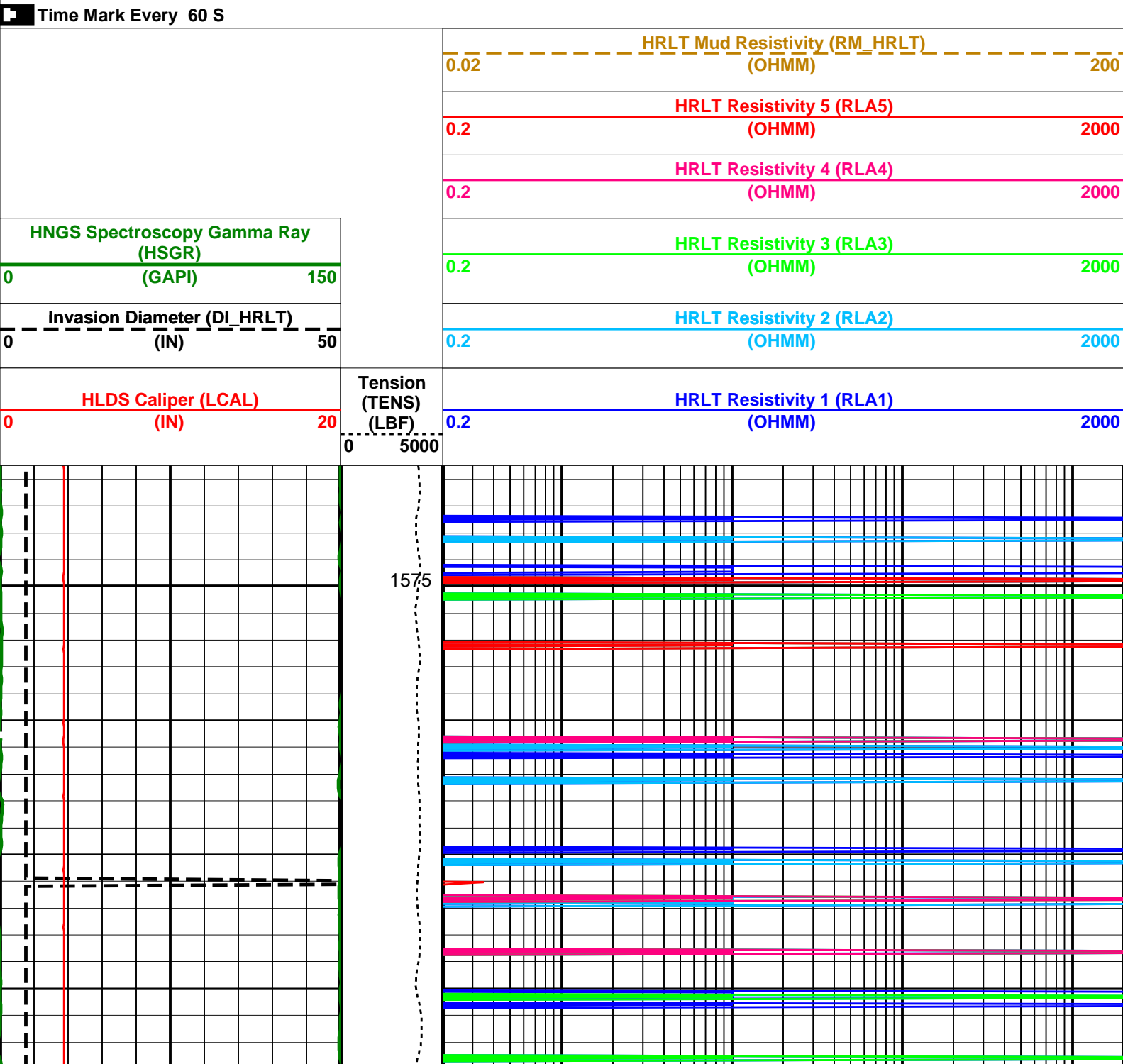
Well: Expedition 403, Site U1620D

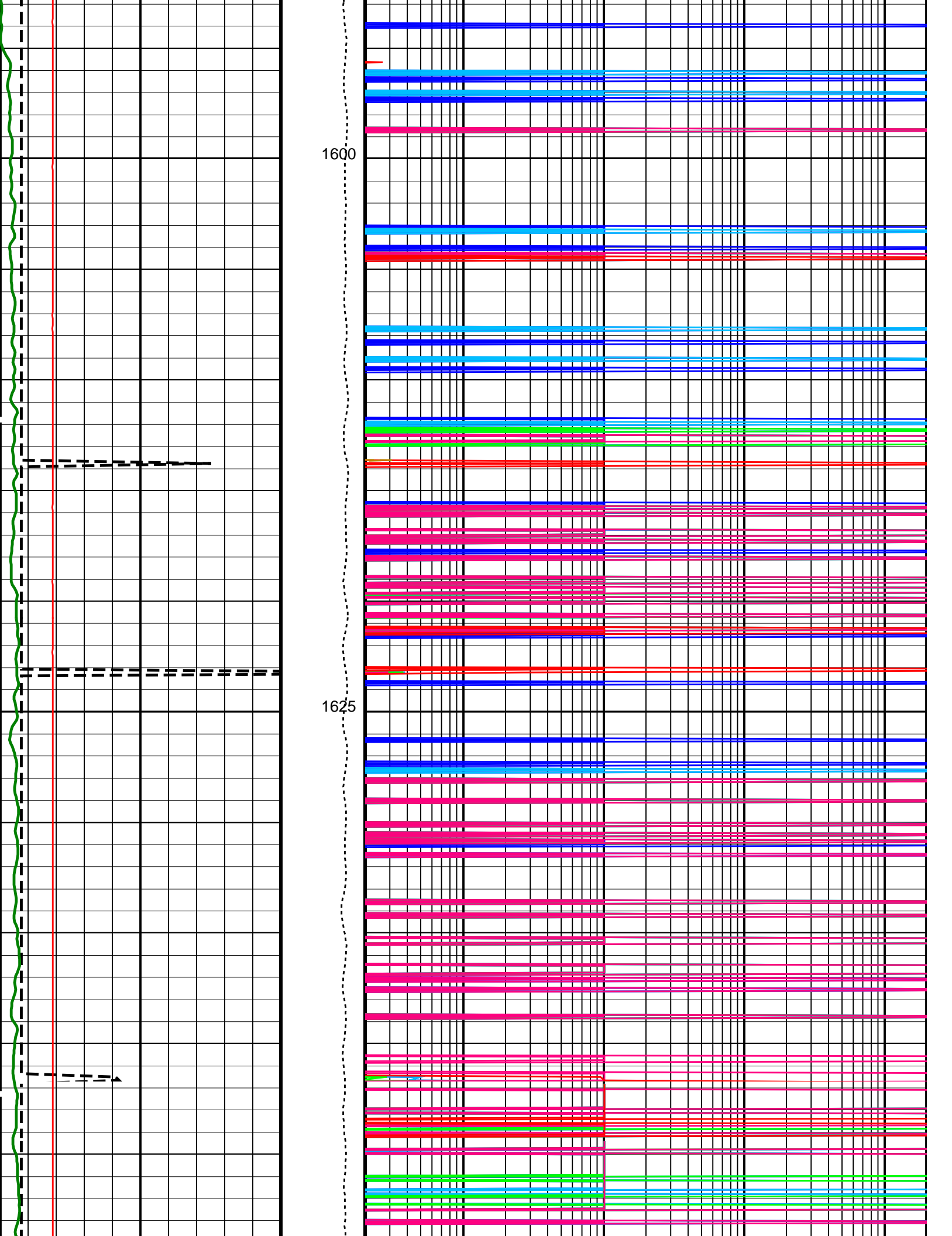
Output DLIS Files						
DEFAULT	MSS_LDEO_HRLA_LDL_016LUP	FN:20	PRODUCER	06-Jul-2024 10:07	2176.3 M	1570.5 M
RTB	MSS_LDEO_HRLA_LDL_016LUP	FN:21	PRODUCER	06-Jul-2024 10:07	2176.3 M	1570.5 M

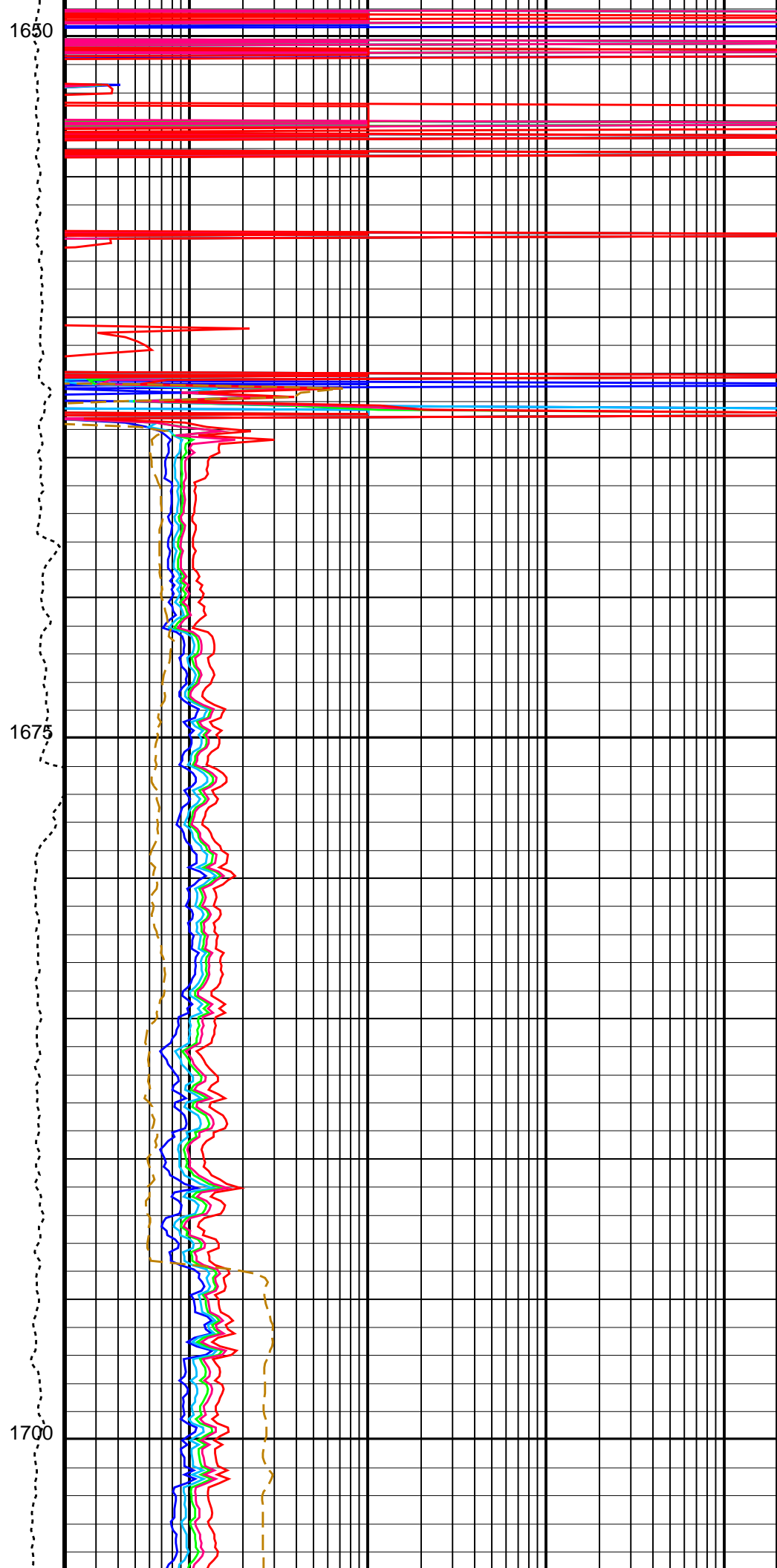
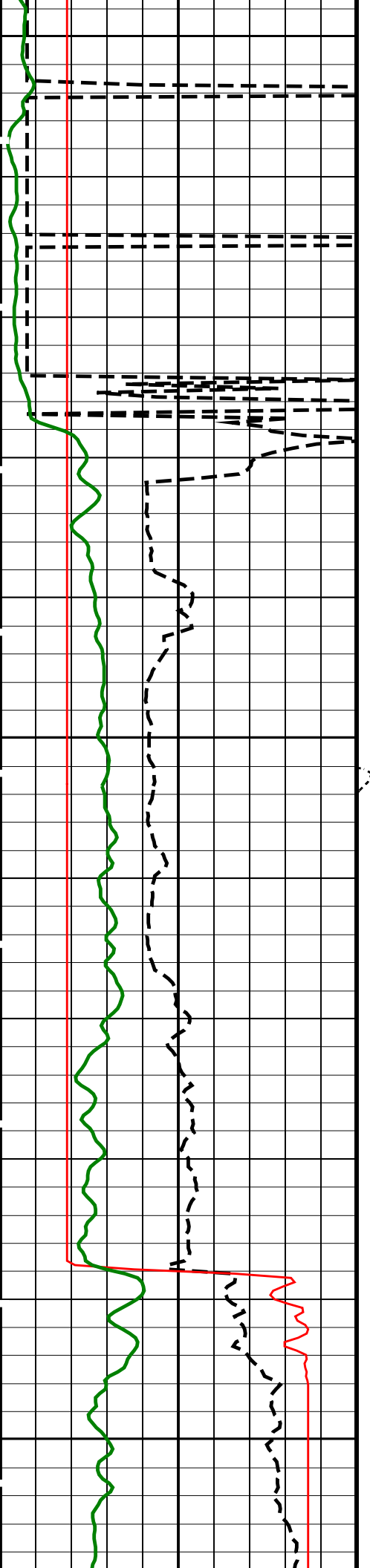
OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187		
HLDS	19C0-187	LDSC-B	19C0-187		
APS-C	19C0-187	HNGC-B	19C0-187		
HNGS-BA	19C0-187	EDTC-B	19C0-187		

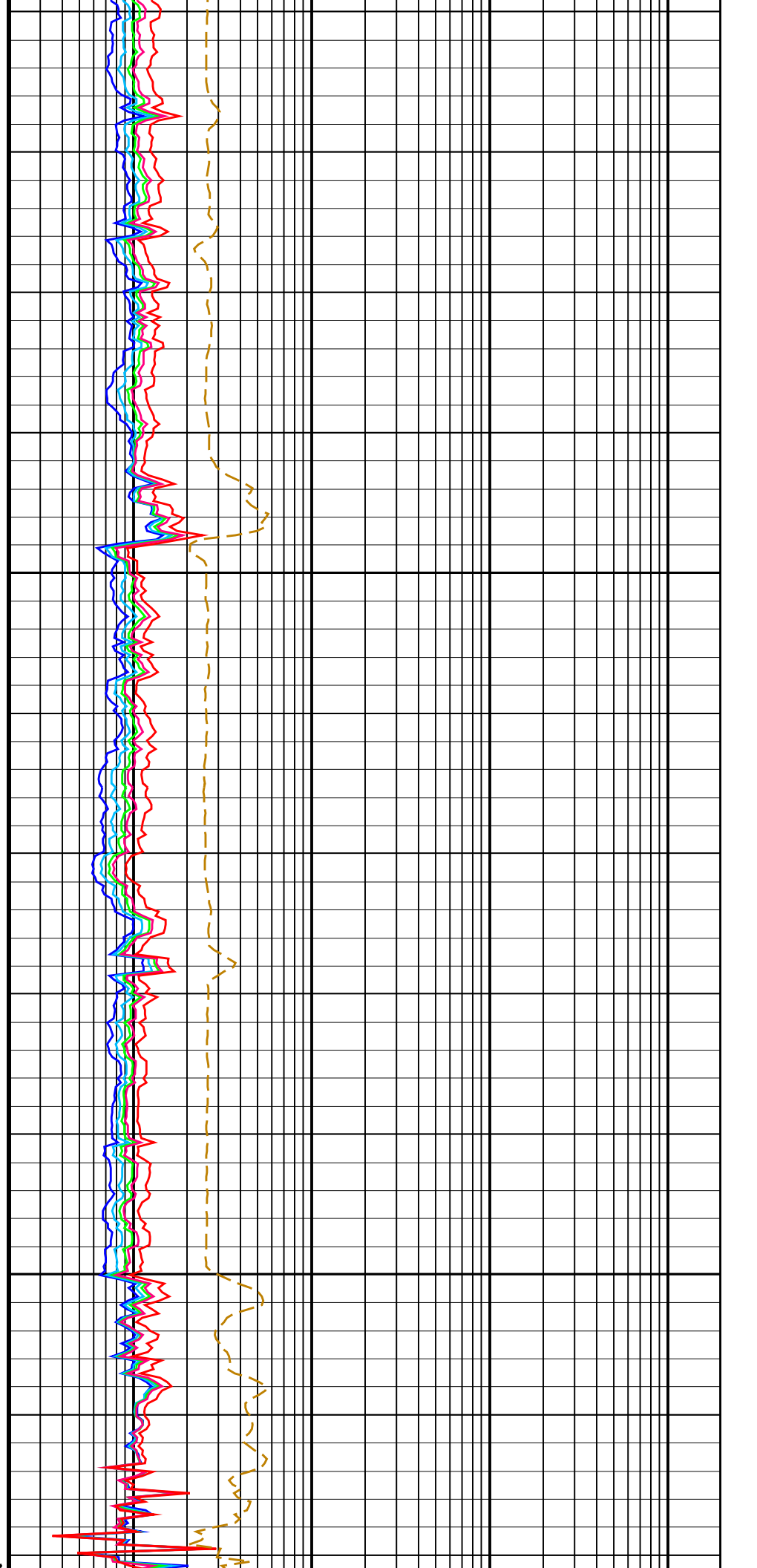
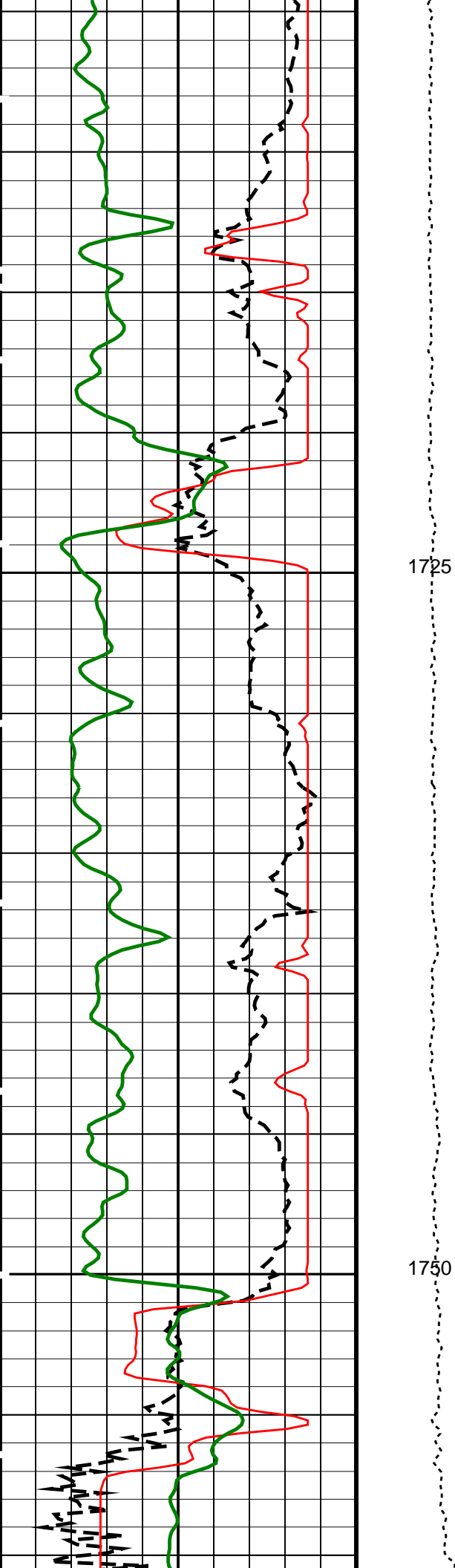
PIP SUMMARY

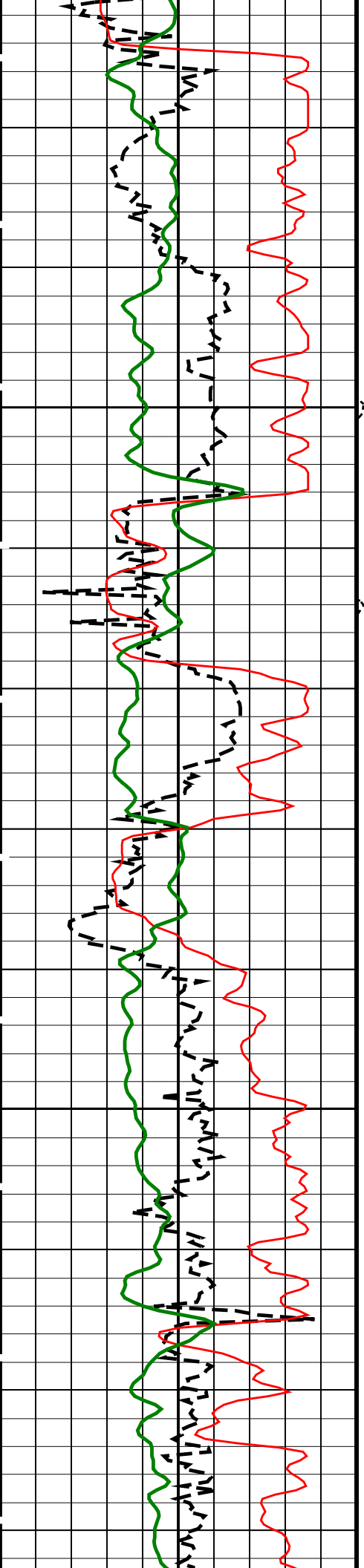
Time Mark Every 60 S





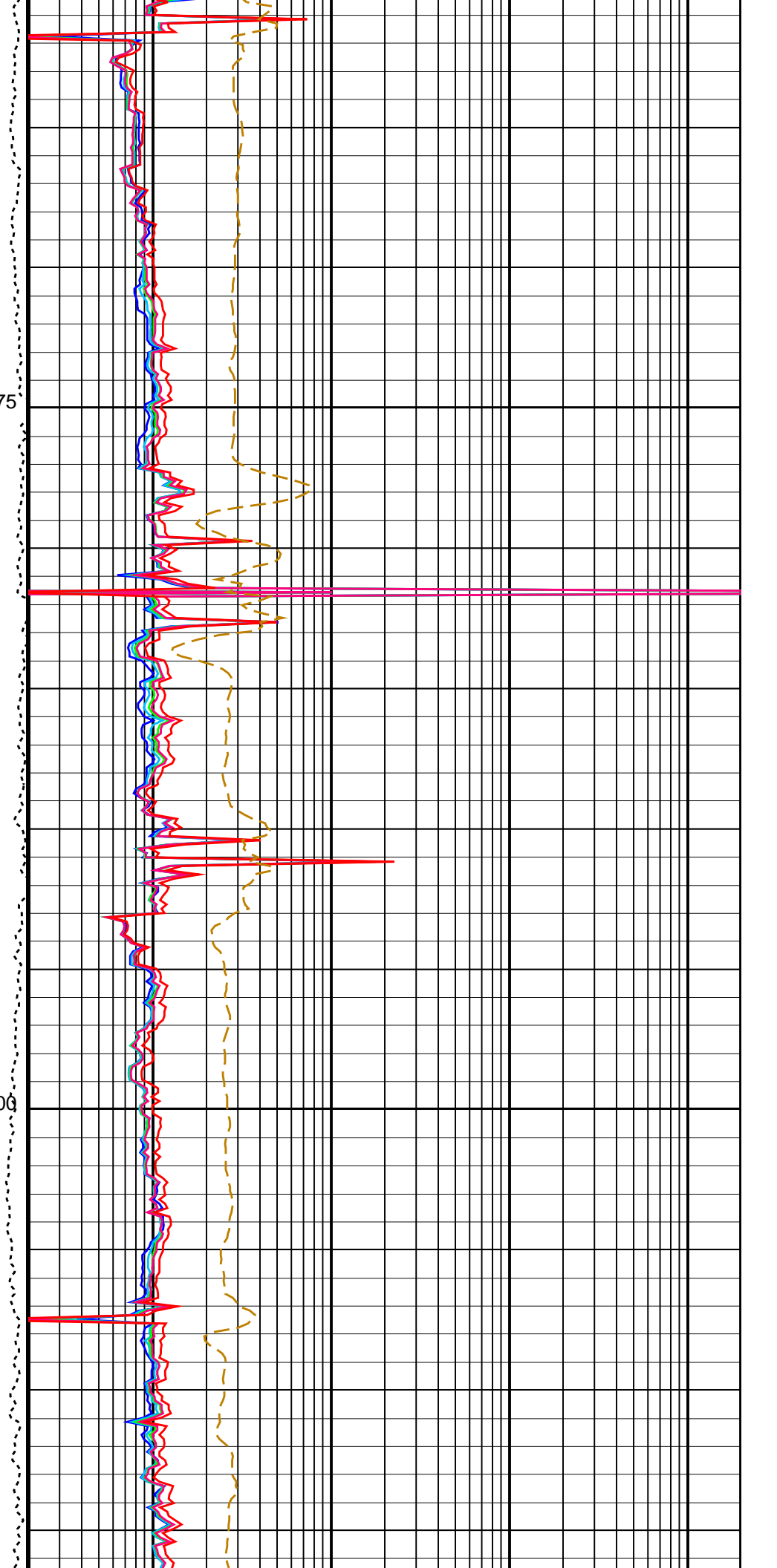


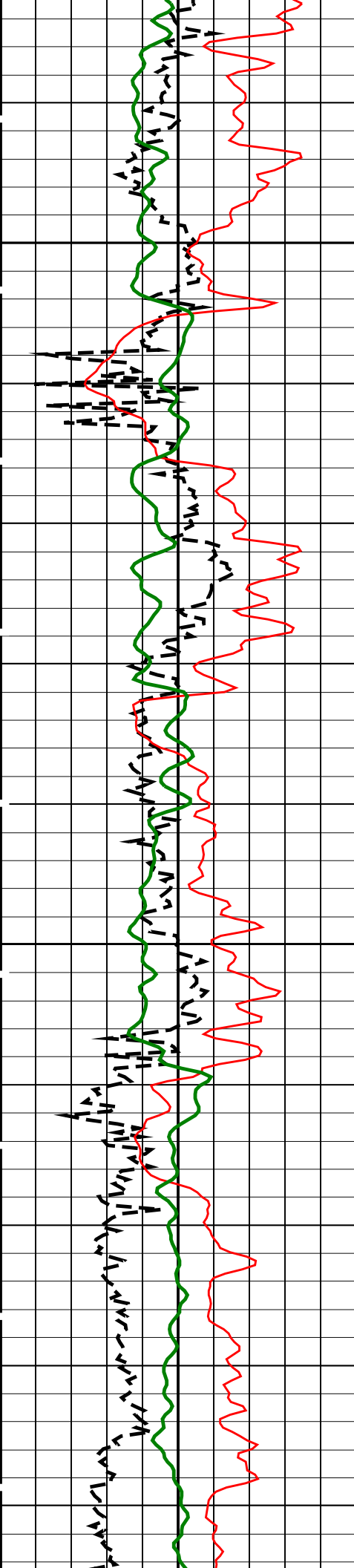




1775

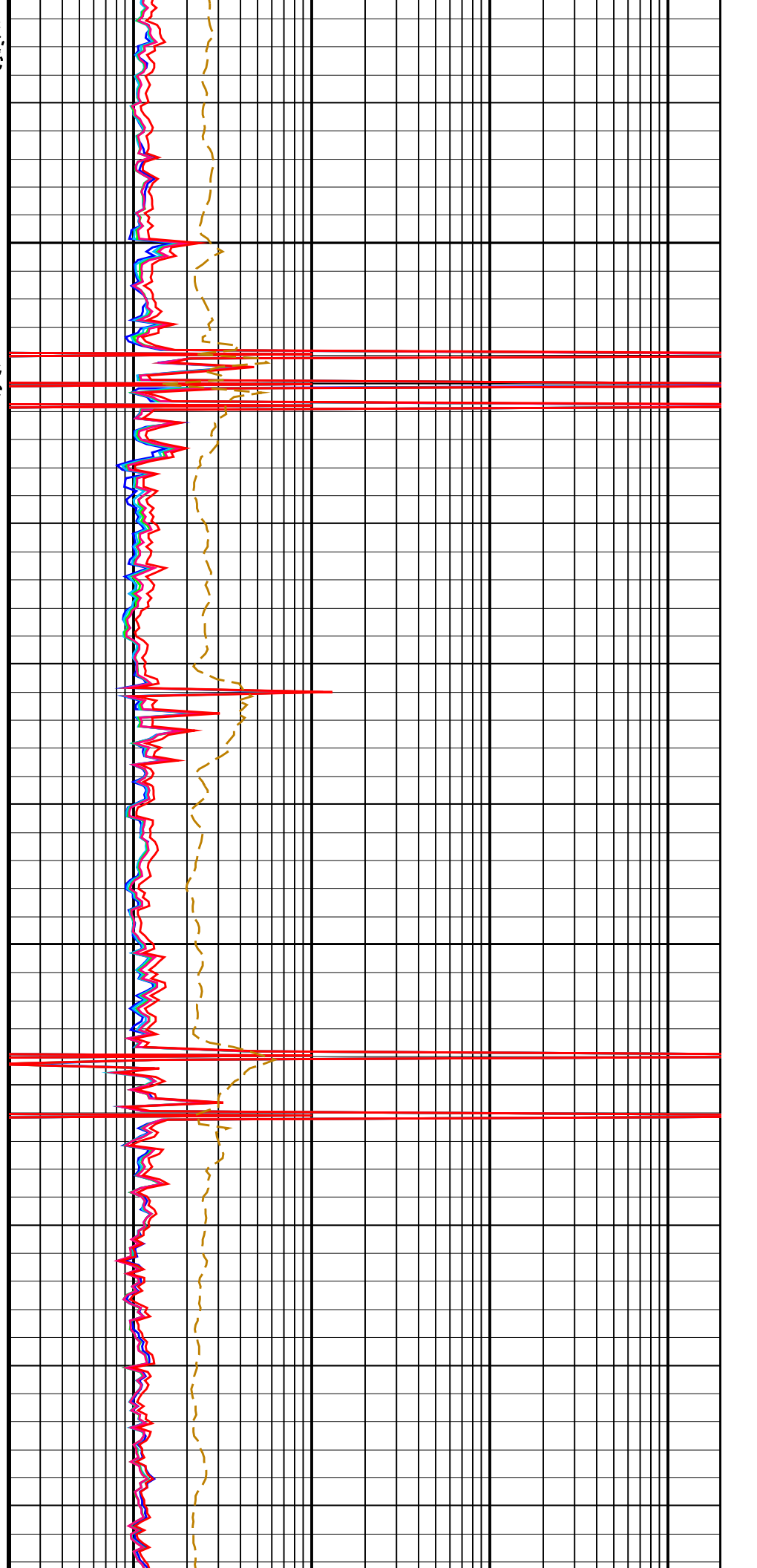
1800

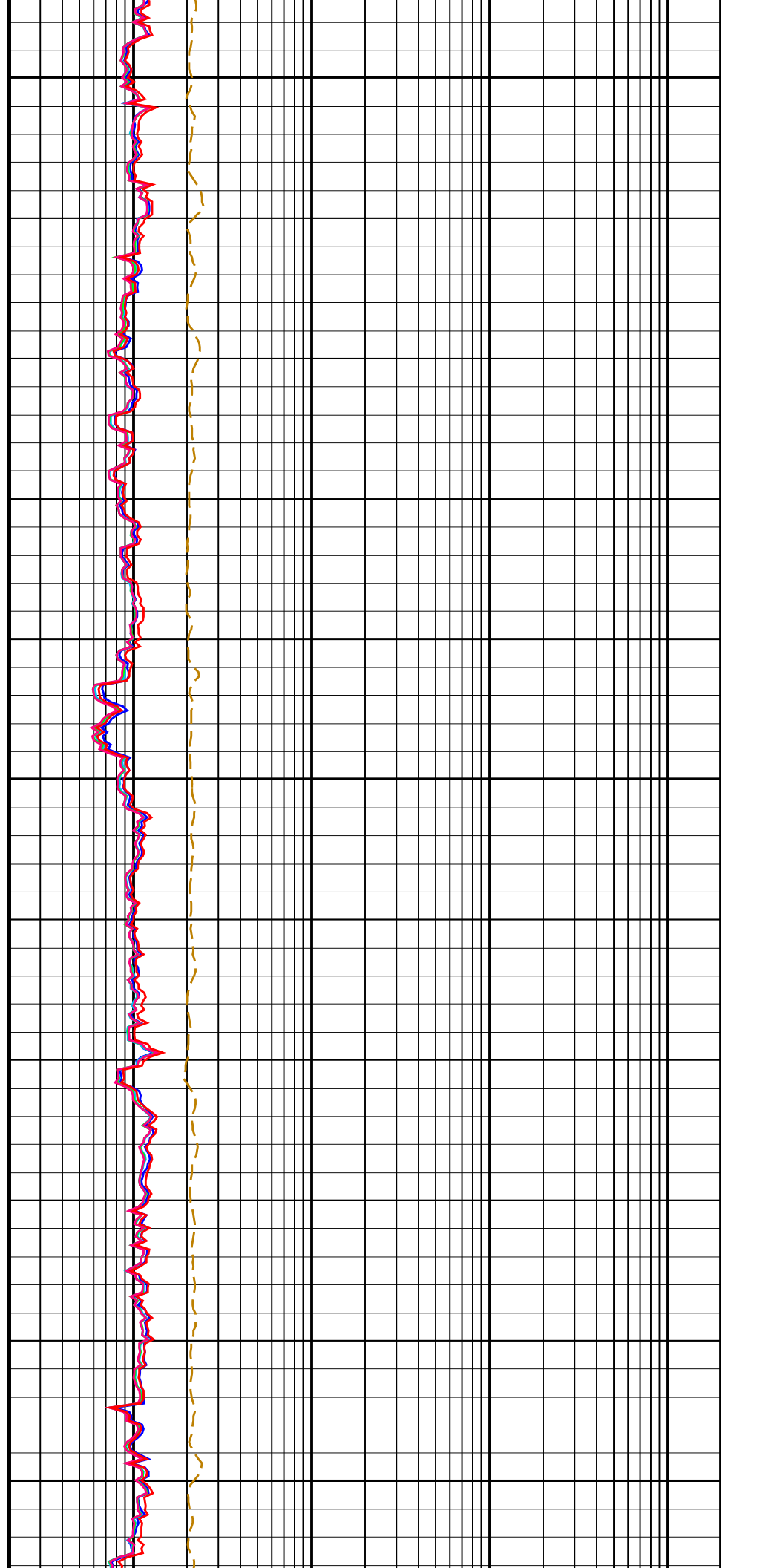
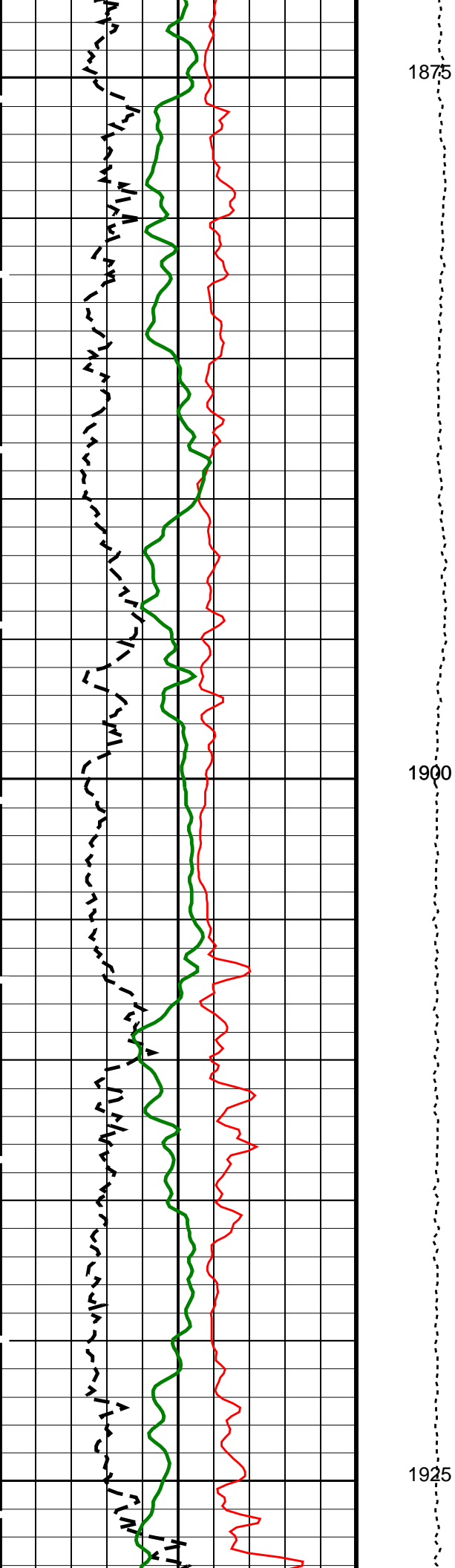


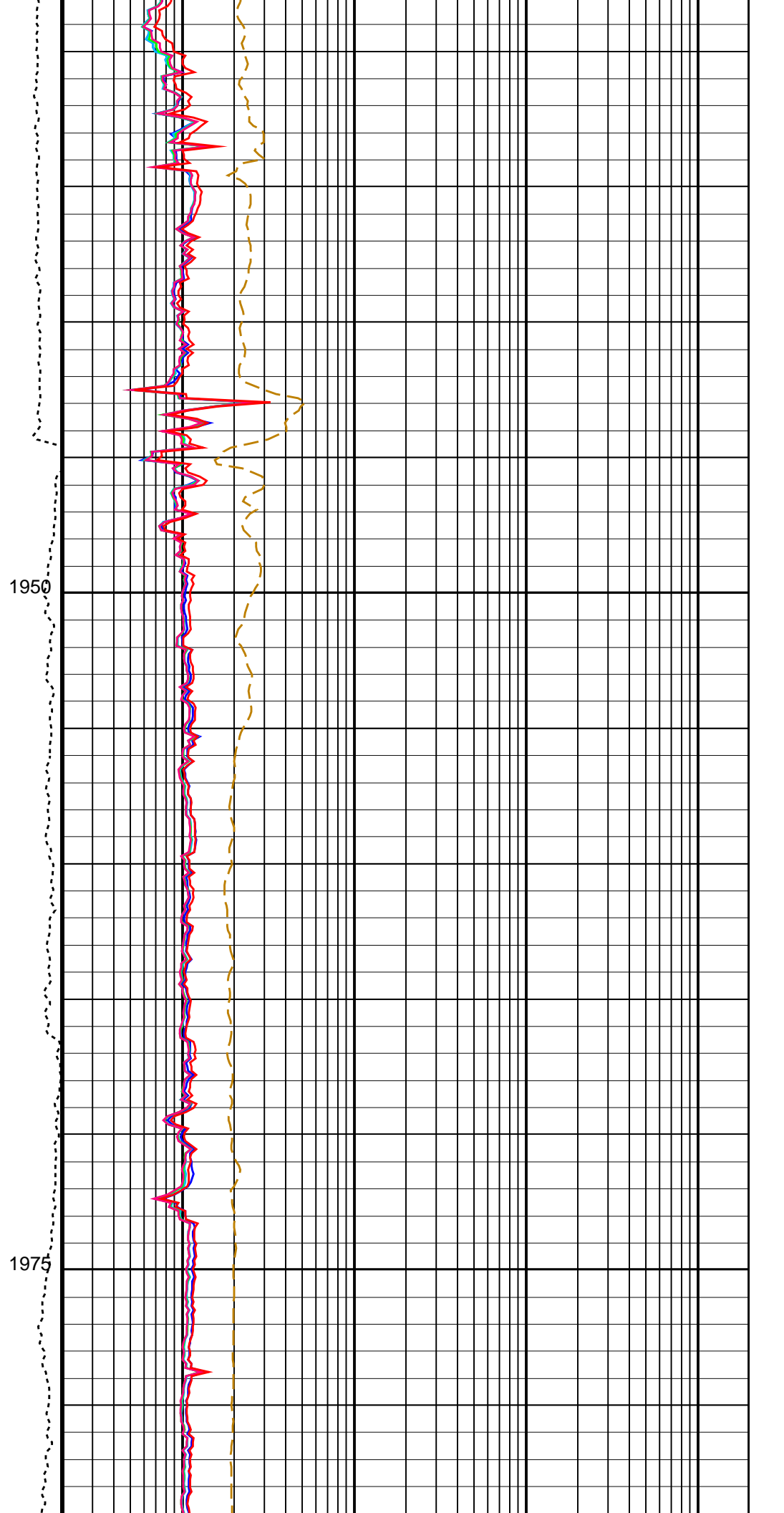
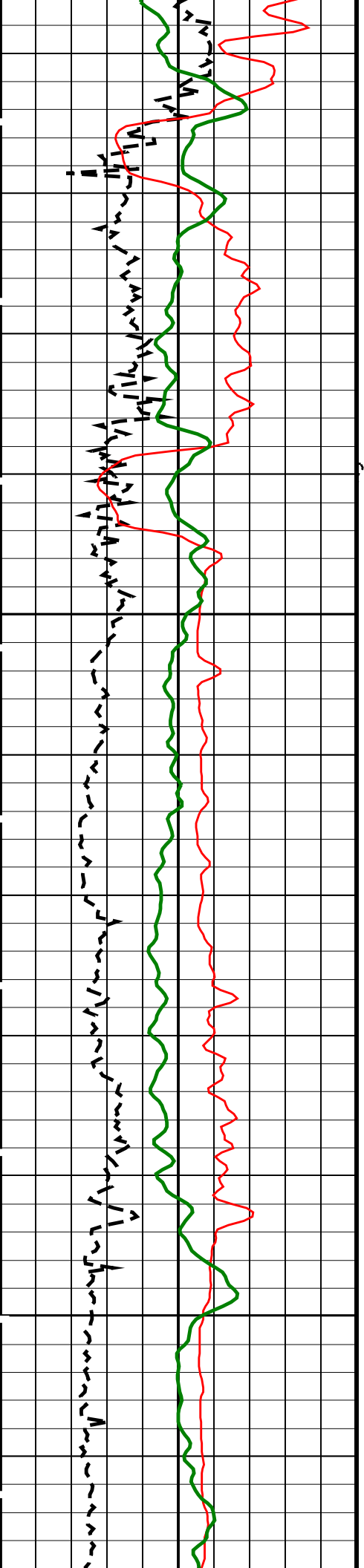


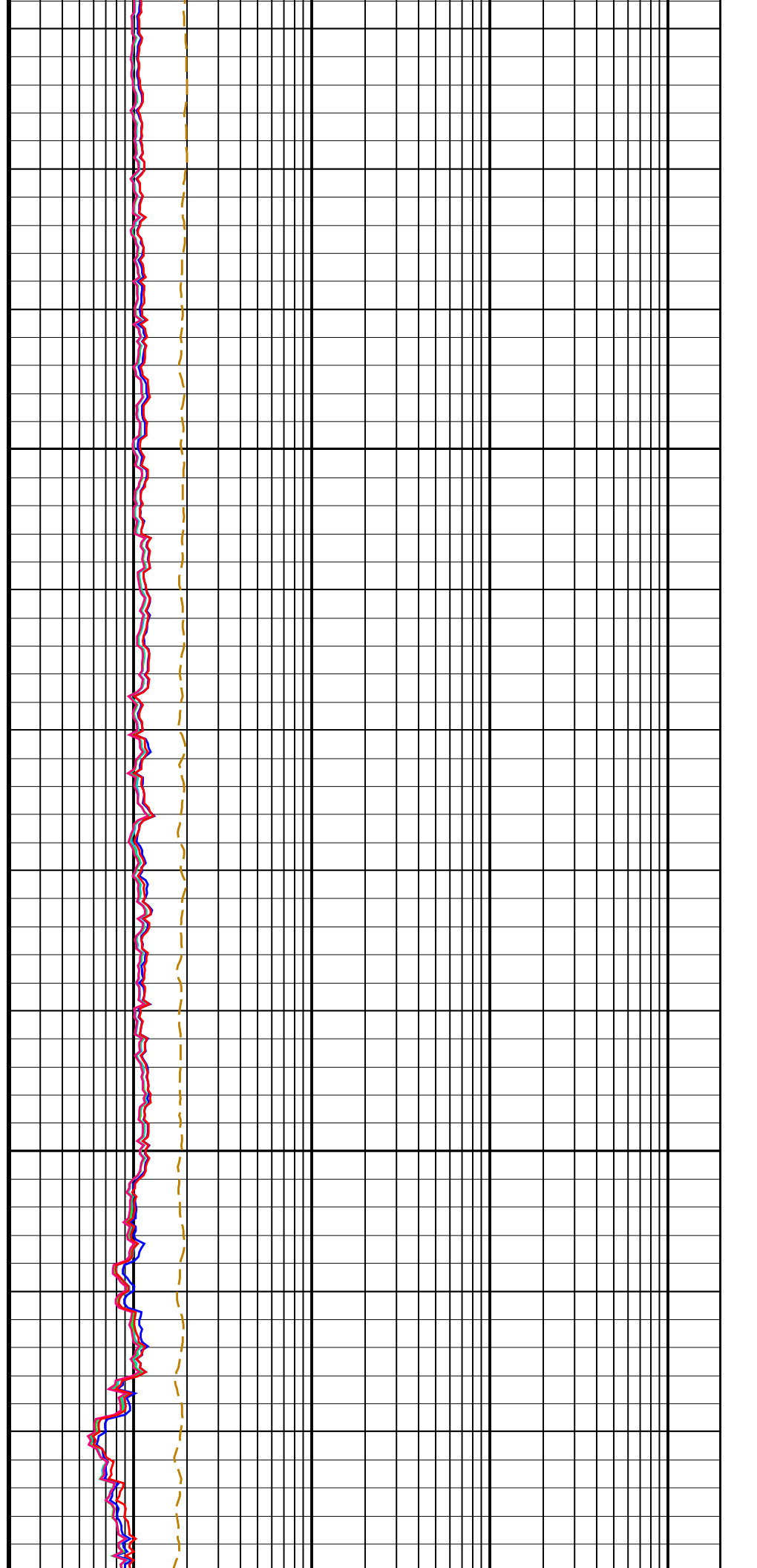
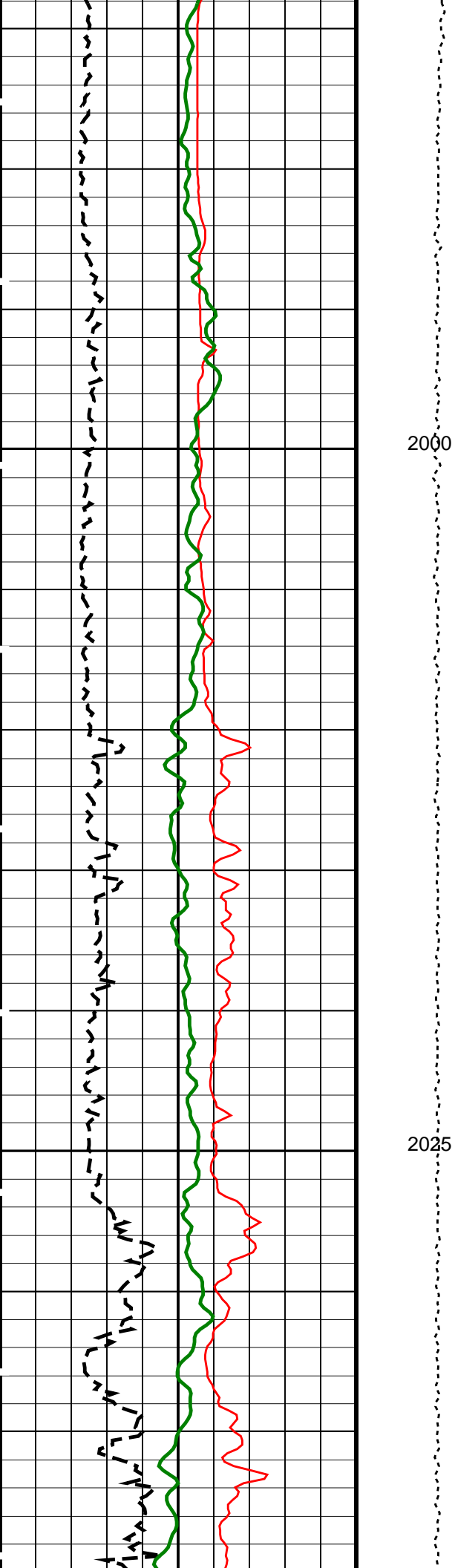
1825

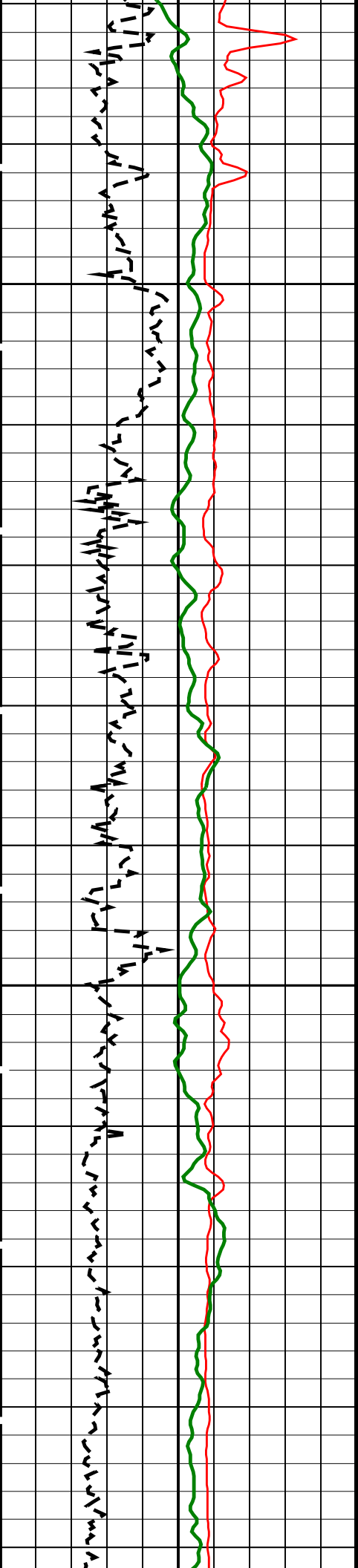
1850





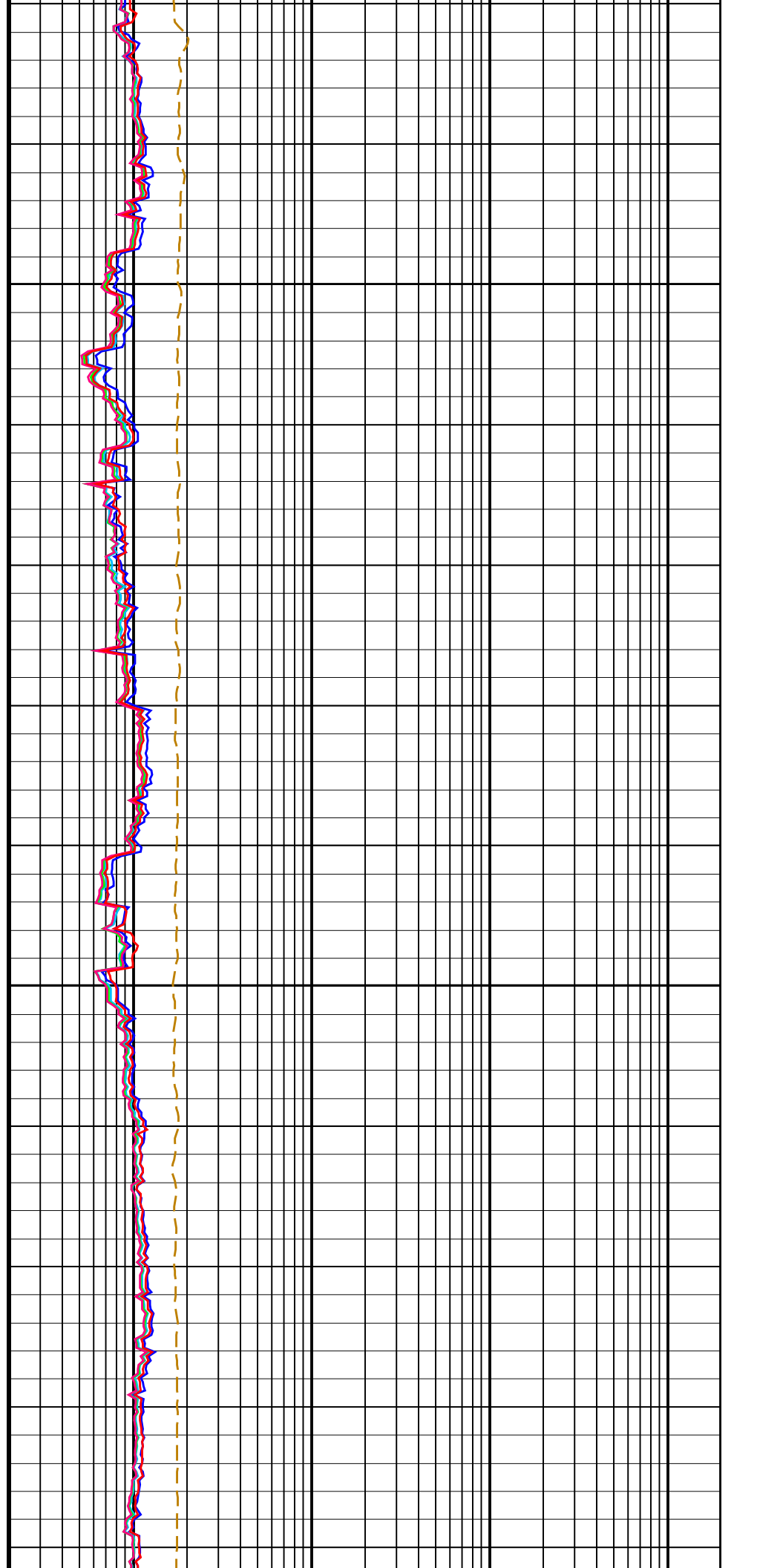


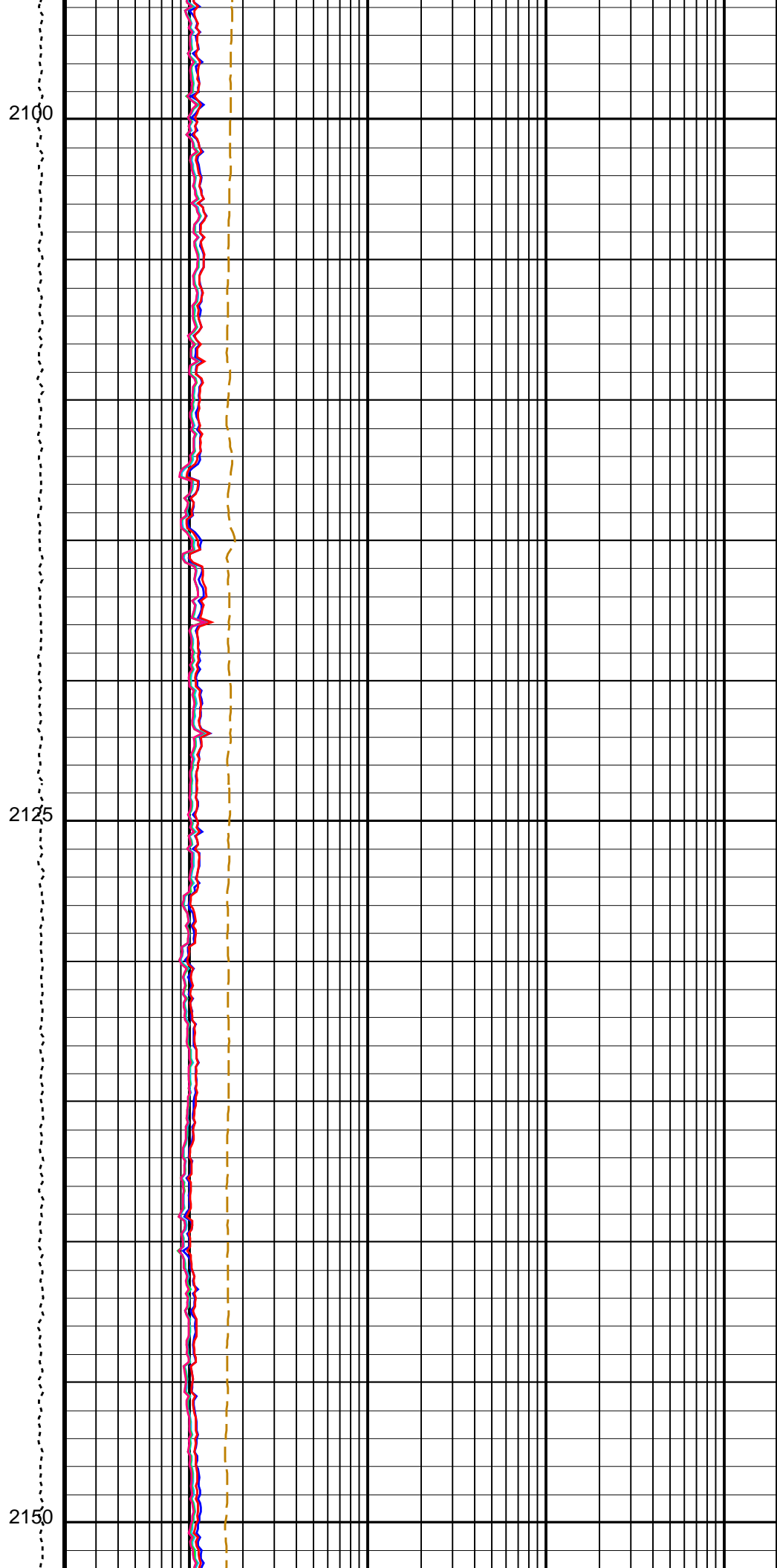
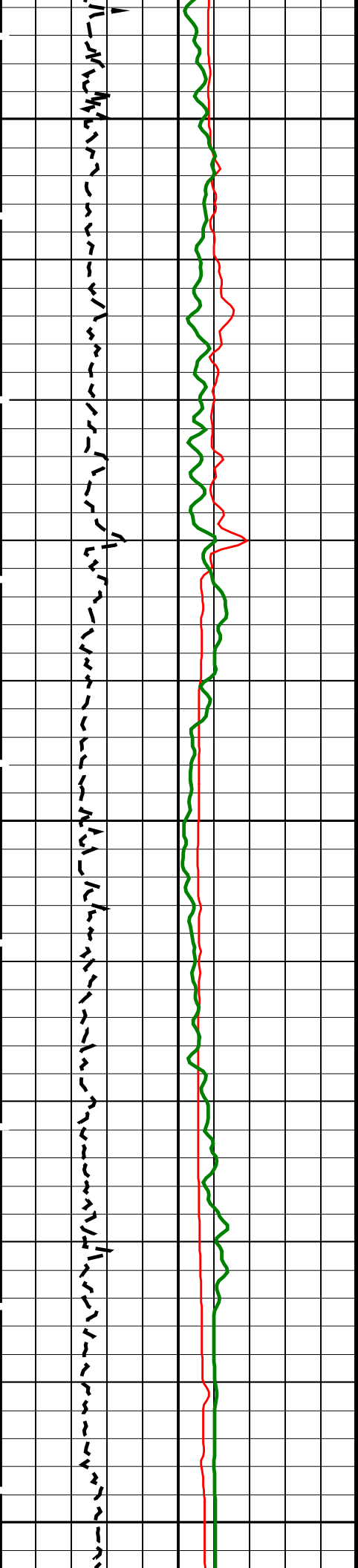


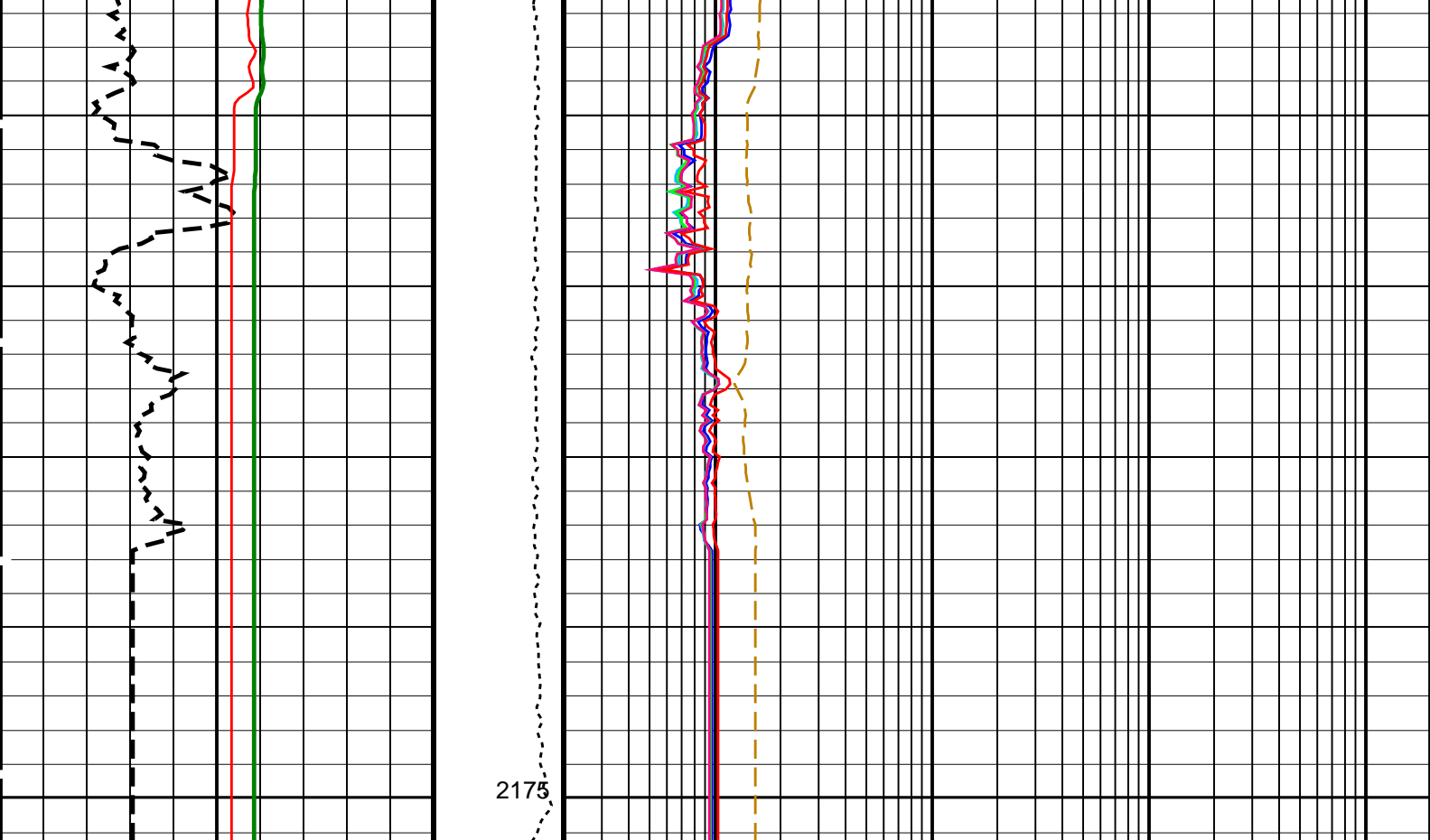


2050

2075







<div>HLDS Caliper (LCAL) (IN) 020</div>	<div>Tension (TENS) (LBF) 05000</div>	<div>HRLT Resistivity 1 (RLA1) (OHMM) 0.22000</div>
<div>Invasion Diameter (DI_HRLT) (IN) 050</div>		<div>HRLT Resistivity 2 (RLA2) (OHMM) 0.22000</div>
<div>HNGS Spectroscopy Gamma Ray (HSGR) (GAPI) 0150</div>		<div>HRLT Resistivity 3 (RLA3) (OHMM) 0.22000</div>
		<div>HRLT Resistivity 4 (RLA4) (OHMM) 0.22000</div>
		<div>HRLT Resistivity 5 (RLA5) (OHMM) 0.22000</div>
		<div>HRLT Mud Resistivity (RM_HRLT) (OHMM) 0.02200</div>

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
BHS	Borehole Status	OPEN
BHT	Bottom Hole Temperature (used in calculations)	35 DEGF
GCSE	Generalized Caliper Selection	LCAL
GGRD	Geothermal Gradient	0.01 DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE
KFAC_HRLT	HRLT K Factor Option	SONDE
PROCINV	Inversion Selection	ON
PROCMFL	Inversion Micro-Resistivity Selection	NO_EXTERNAL_RXO
PROCMSO	Mechanical Standoff Fin Size	0 IN
PROCRM	Processing Mud Resistivity Select	HRLT_Compute
PROCSPO	Sonde Position	Centered
SHT	Surface Hole Temperature	68 DEGF

APS-C: Accelerator-Porosity Tool		Borehole Status	OPEN	
BHS		Bottom Hole Temperature (used in calculations)	35	DEGF
BHT		Generalized Caliper Selection	LCAL	
GCSE		Geothermal Gradient	0.01	DF/F
GGRD		Generalized Mud Resistivity Selection	CHART_GEN_9	
GRSE		Generalized Temperature Selection	LINEAR_ESTIMATE	
GTSE		Surface Hole Temperature	68	DEGF
SHT	HNCS-BA: Hostile Natural Gamma Ray Sonde			
BAR1		HNCS Detector 1 Barite Constant	1	
BAR2		HNCS Detector 2 Barite Constant	1	
BHK		HNCS Borehole Potassium Correction Concentration	0	
BHS		Borehole Status	OPEN	
BHT		Bottom Hole Temperature (used in calculations)	35	DEGF
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		HNCS Barite Constant Correction Flag	NONE	
GCSE		Generalized Caliper Selection	LCAL	
GGRD		Geothermal Gradient	0.01	DF/F
GRSE		Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE		Generalized Temperature Selection	LINEAR_ESTIMATE	
H1P		HNCS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P		HNCS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK		HNCS Borehole Potassium Running Average	-0.000636743	
HALF		HNCS Alpha Filter Length	60	IN
HCRB		HNCS Apply Borehole Potassium Correction	NONE	
HMWM		Mud Weighting Material	NATU	
HNPE		HNCS Processing Enable	YES	
S1BI		HNCS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI		HNCS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC		HNCS Standard Gamma-Ray Correction Flag	YES	
SHT		Surface Hole Temperature	68	DEGF
TPOS		Tool Position	ECCE	
VBA1		HNCS Detector 1 Variable Barite Factor Running Average	1.01024	
VBA2		HNCS Detector 2 Variable Barite Factor Running Average	0.996682	
EDTC-B: Enhanced DTS Cartridge				
BHS		Borehole Status	OPEN	
BHT		Bottom Hole Temperature (used in calculations)	35	DEGF
GCSE		Generalized Caliper Selection	LCAL	
GGRD		Geothermal Gradient	0.01	DF/F
GRSE		Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE		Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT		Surface Hole Temperature	68	DEGF
System and Miscellaneous				
BS		Bit Size	9.875	IN
DFD		Drilling Fluid Density	1.02	G/C3
TD		Total Depth	10190.3	FT

Format: HRLT		Vertical Scale: 1:200		Graphics File Created: 06-Jul-2024 10:07	
OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187		HRLT-B	19C0-187	
HLDS	19C0-187		LDSC-B	19C0-187	
APS-C	19C0-187		HNGC-B	19C0-187	
HNCS-BA	19C0-187		EDTC-B	19C0-187	
Output DLIS Files					
DEFAULT	MSS_LDEO_HRLA_LDL_016LUP	FN:20	PRODUCER	06-Jul-2024 10:07	
RTB	MSS_LDEO_HRLA_LDL_016LUP	FN:21	PRODUCER	06-Jul-2024 10:07	

Company: International Ocean Discovery Program				Well: Expedition 403, Site U1620D		
Output DLIS Files						
DEFAULT	MSS_LDEO_HRLA_LDL_016LUP	FN:20	PRODUCER	06-Jul-2024 10:07	2176.3 M	1570.5 M
RTB	MSS_LDEO_HRLA_LDL_016LUP	FN:21	PRODUCER	06-Jul-2024 10:07	2176.3 M	1570.5 M

OP System Version: 19C0-187					
MSS_LDEO-A	19C0-187	HRLT-B	19C0-187		
HLDS	19C0-187	LDSC-B	19C0-187		
APS-C	19C0-187	HNGC-B	19C0-187		

PIP SUMMARY

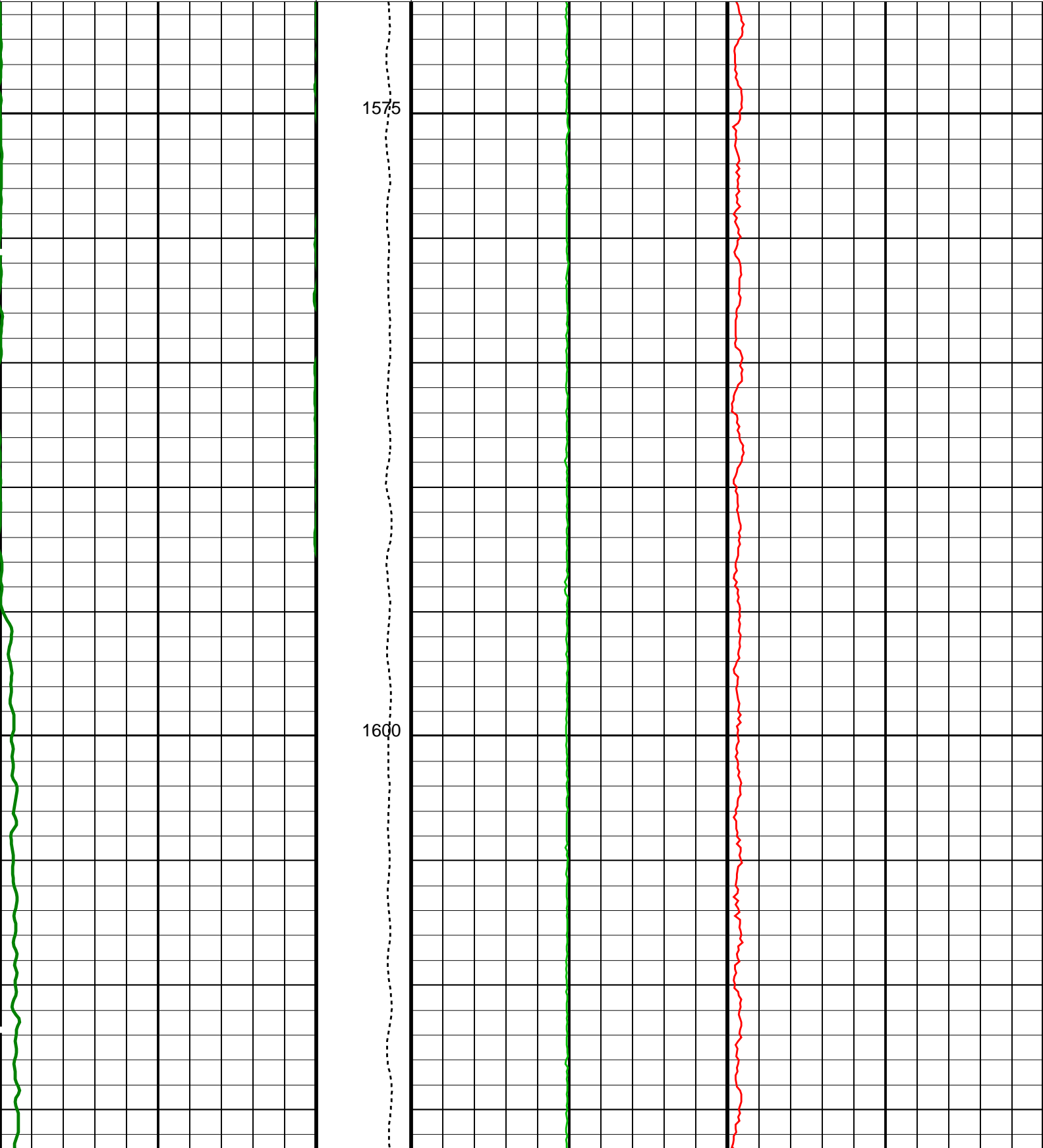
Time Mark Every 60 S

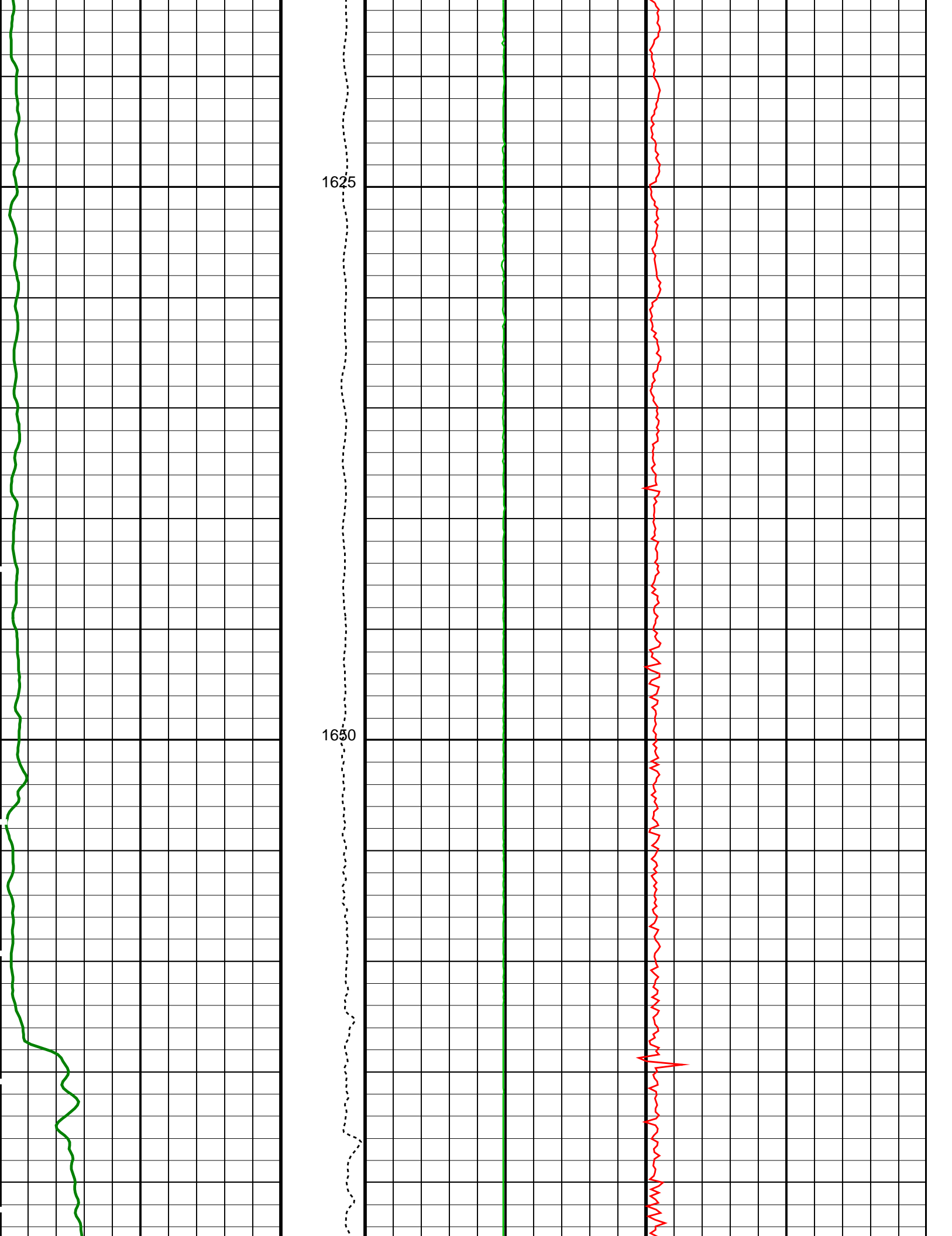
Dual-Coil Susceptibility (MSSL SUS_LDEO)
-10000 (PPM) 90000

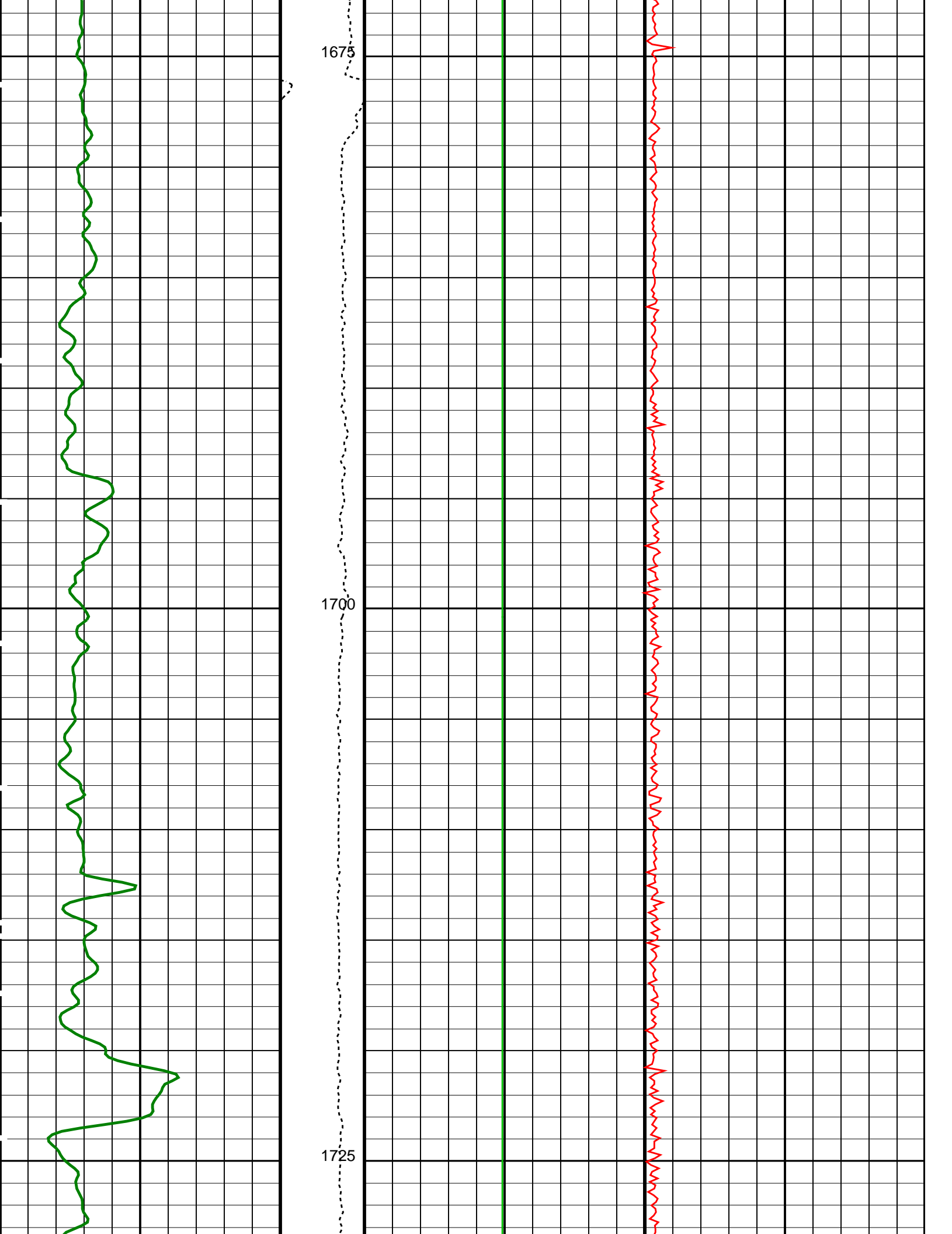
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI) 0 150

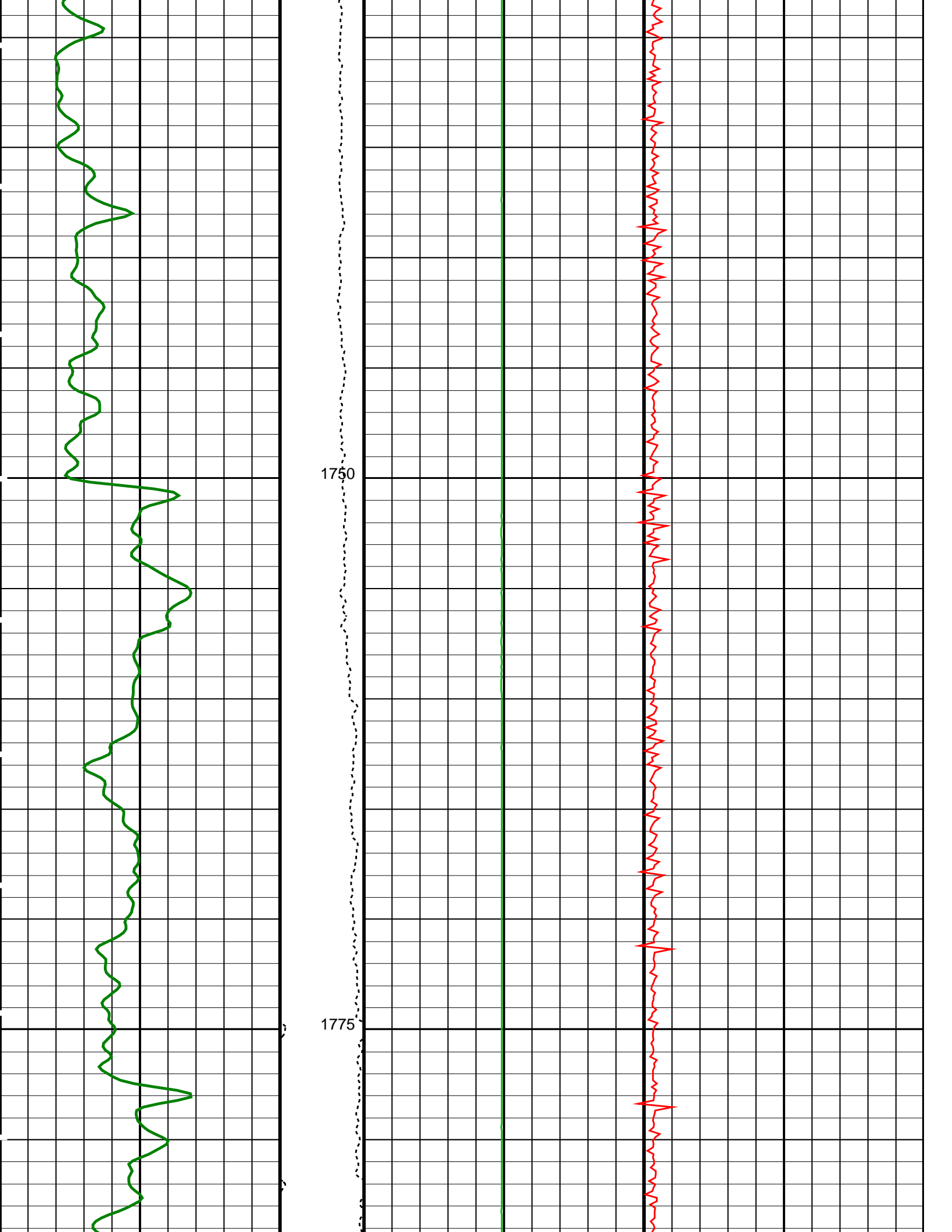
Tension (TENS) (LBF) 0 5000

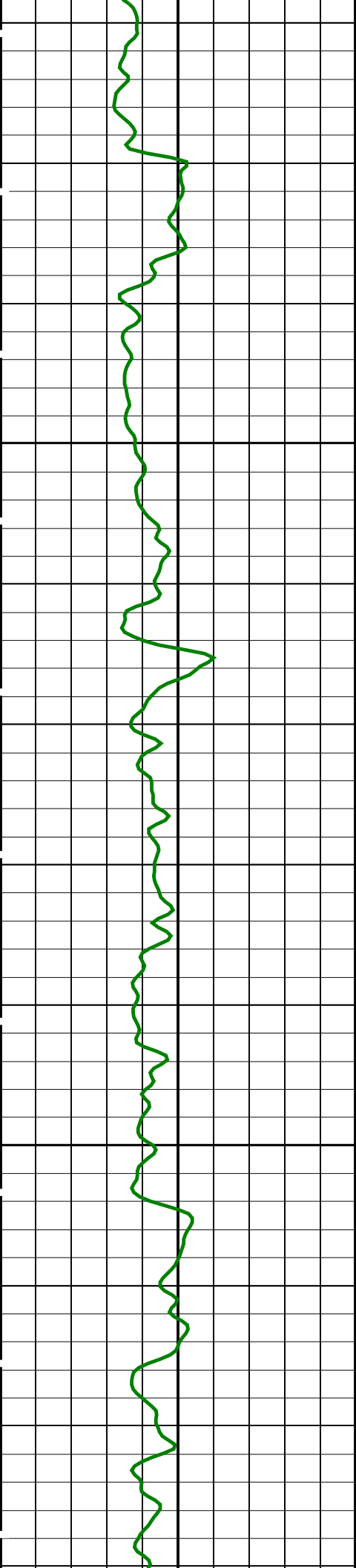
Axial Acceleration (MSSZACC_LDEO) (M/S2) 0 20





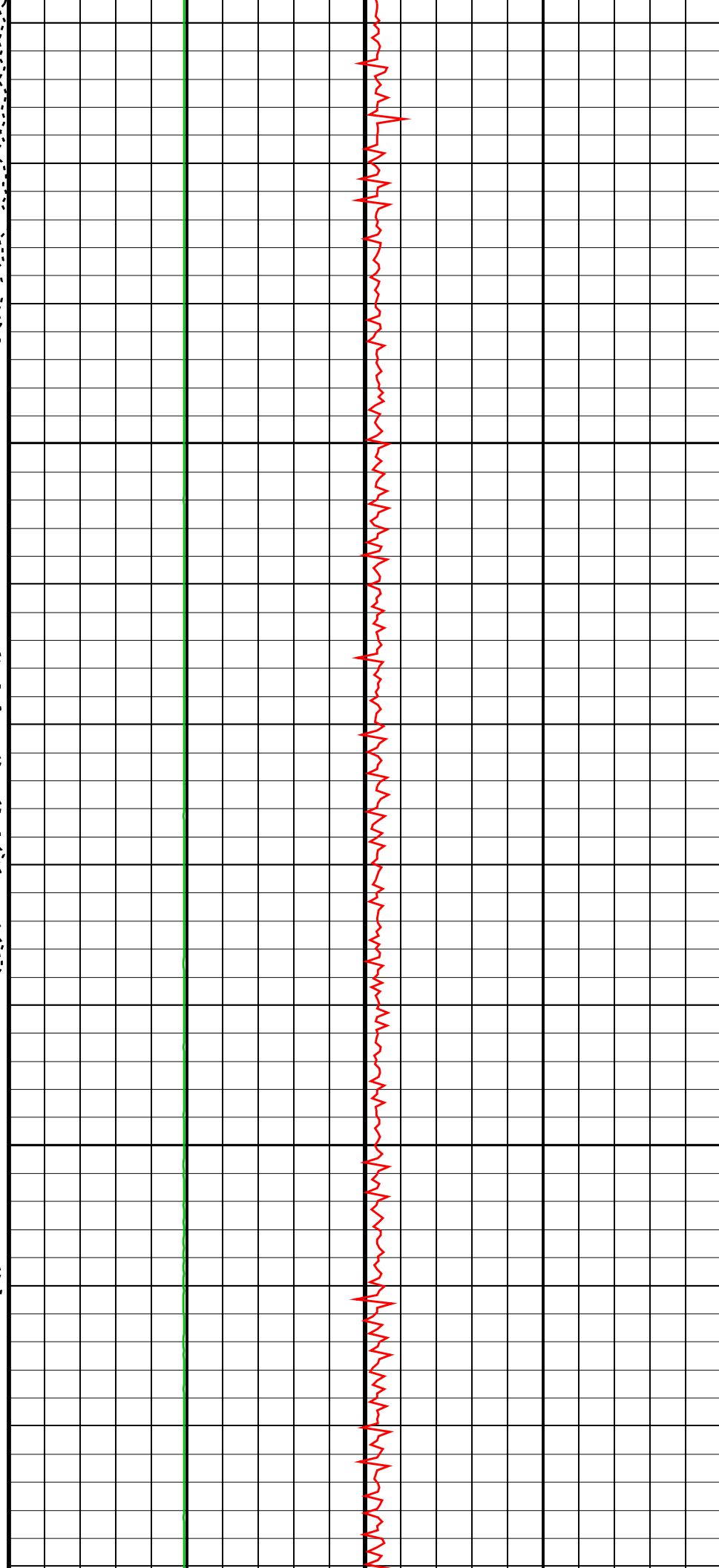


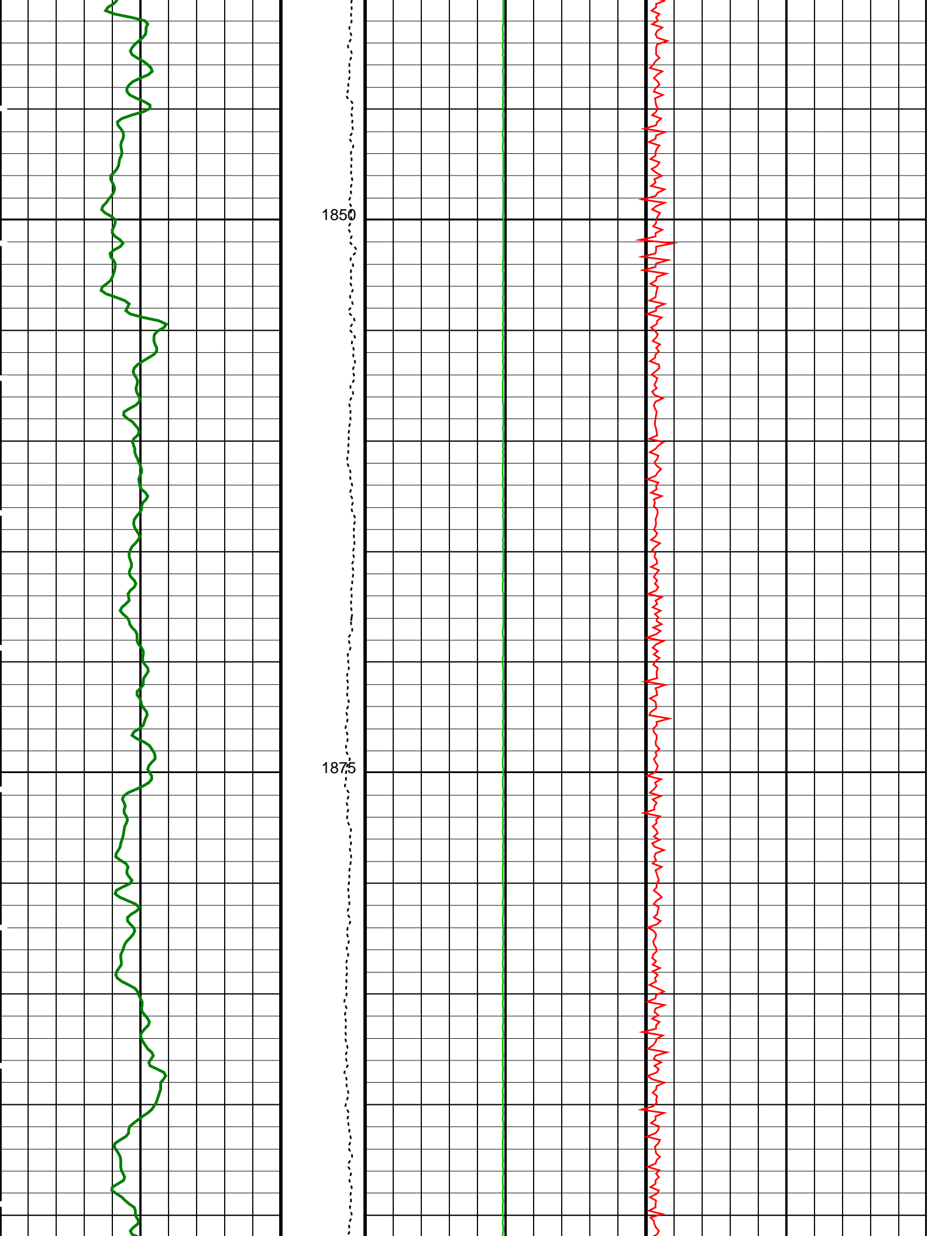


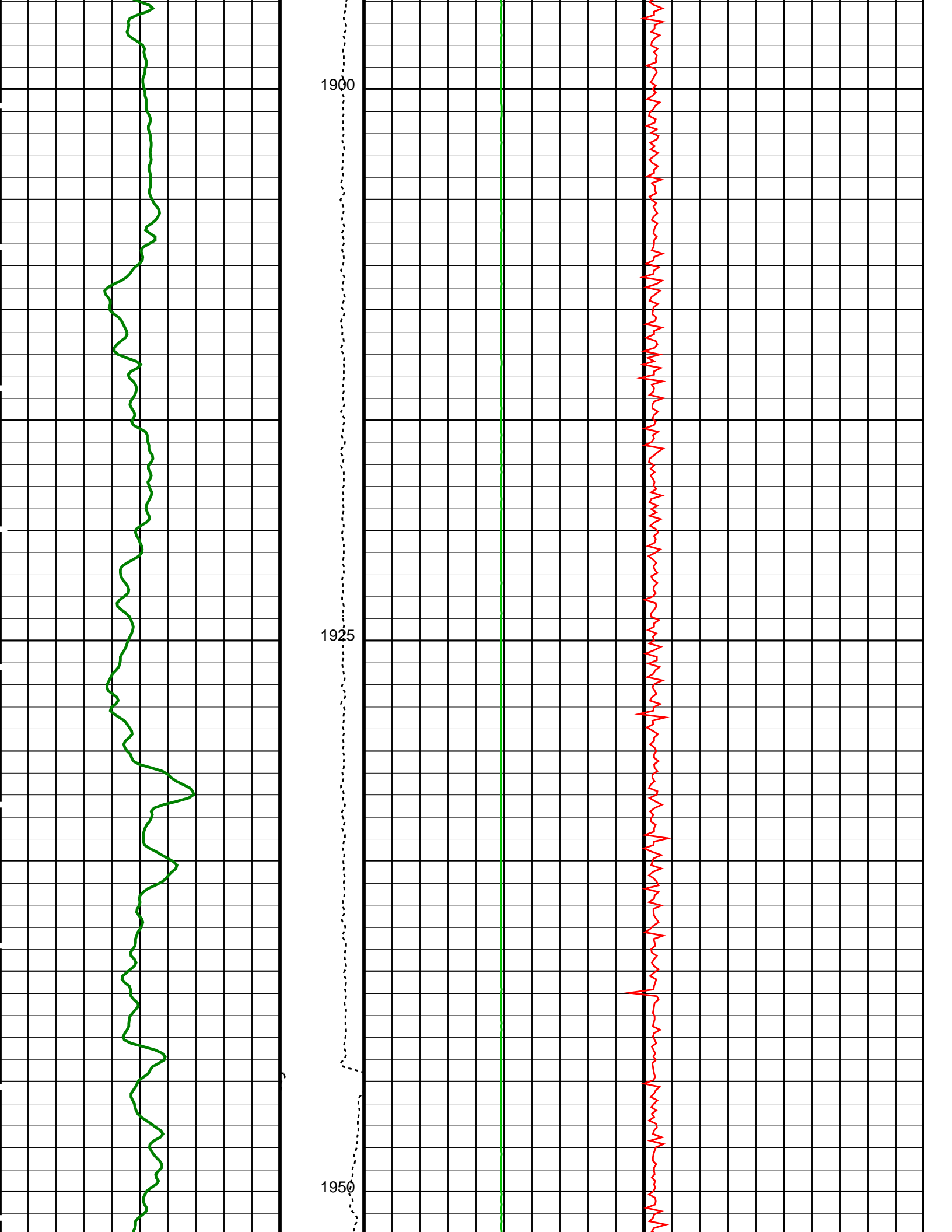


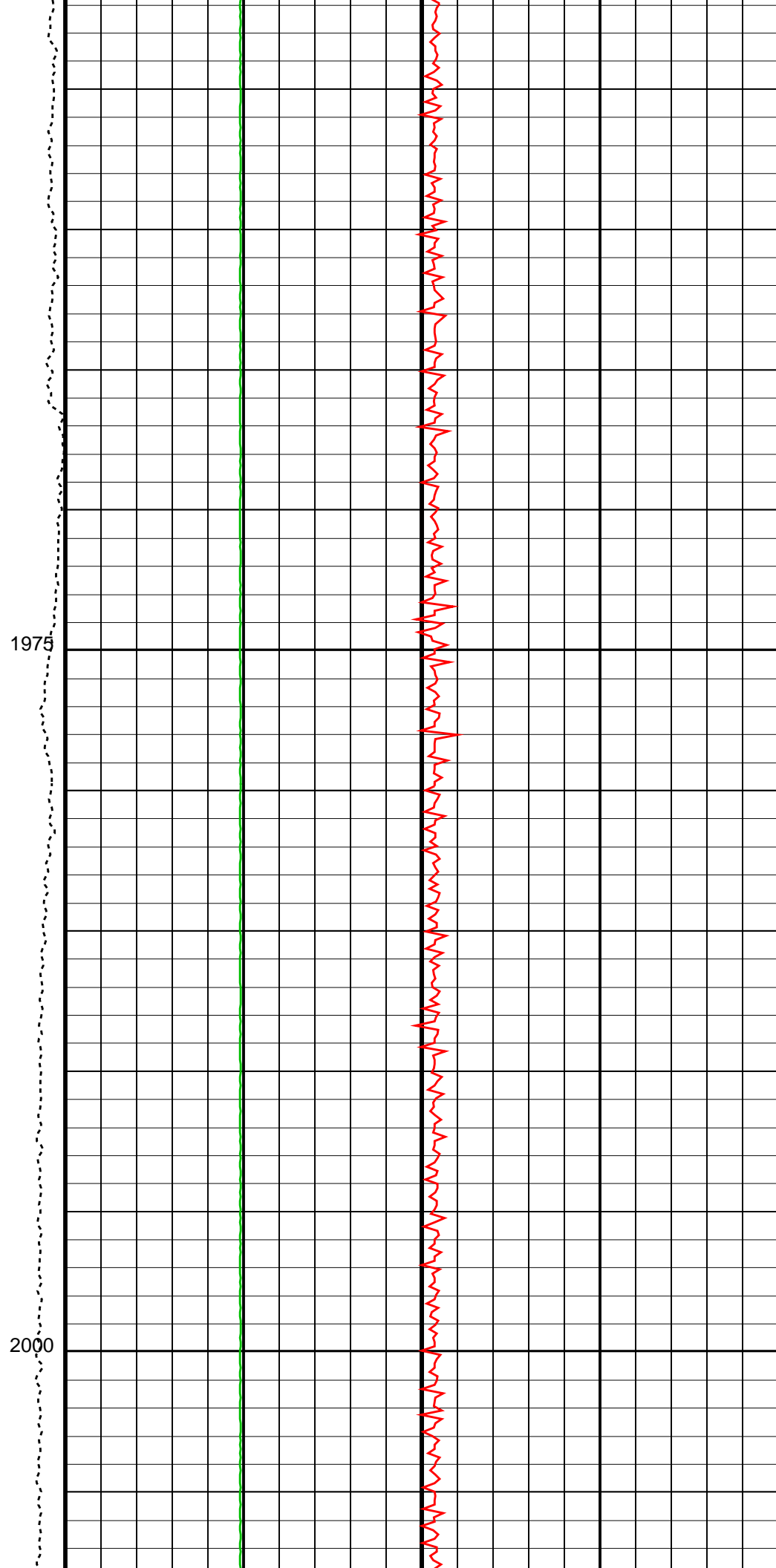
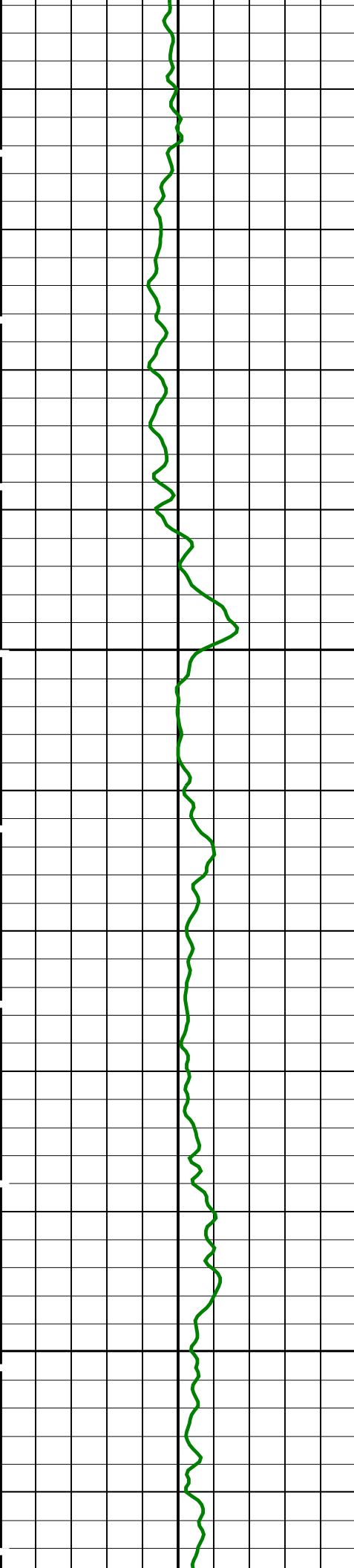
1800

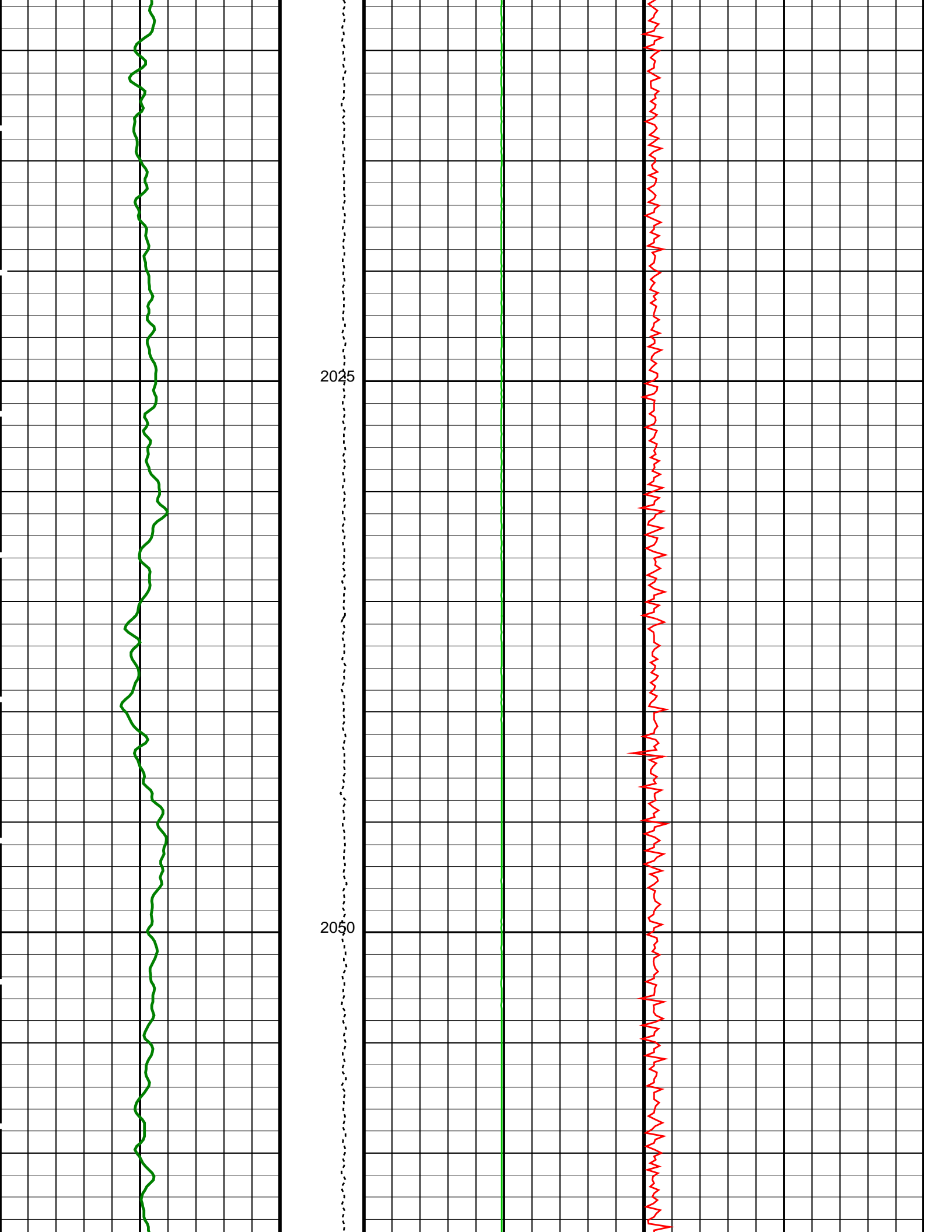
1825

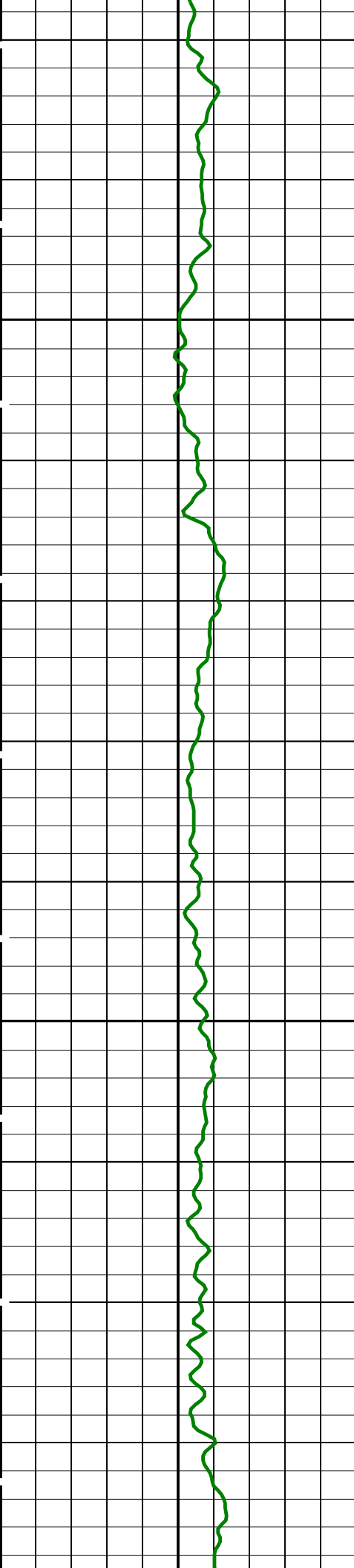






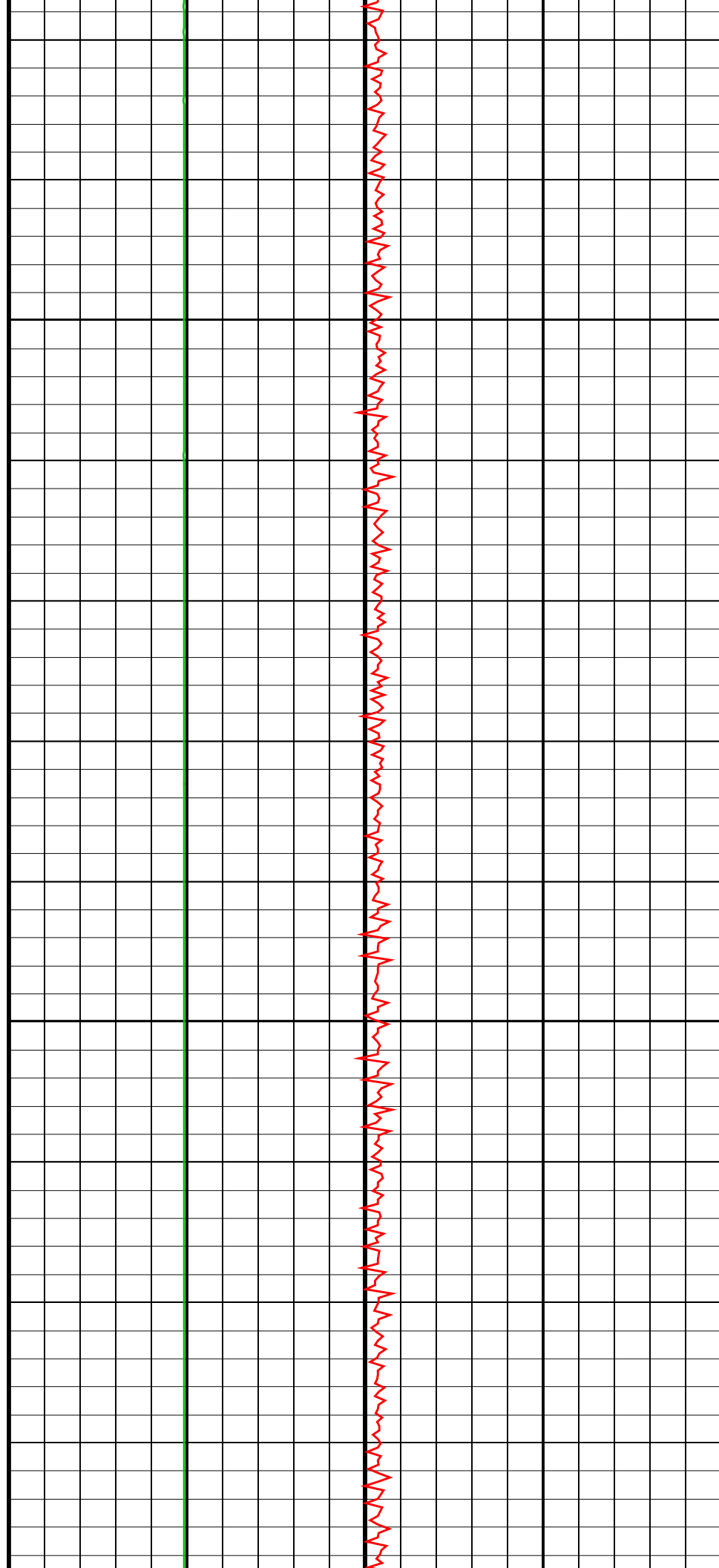


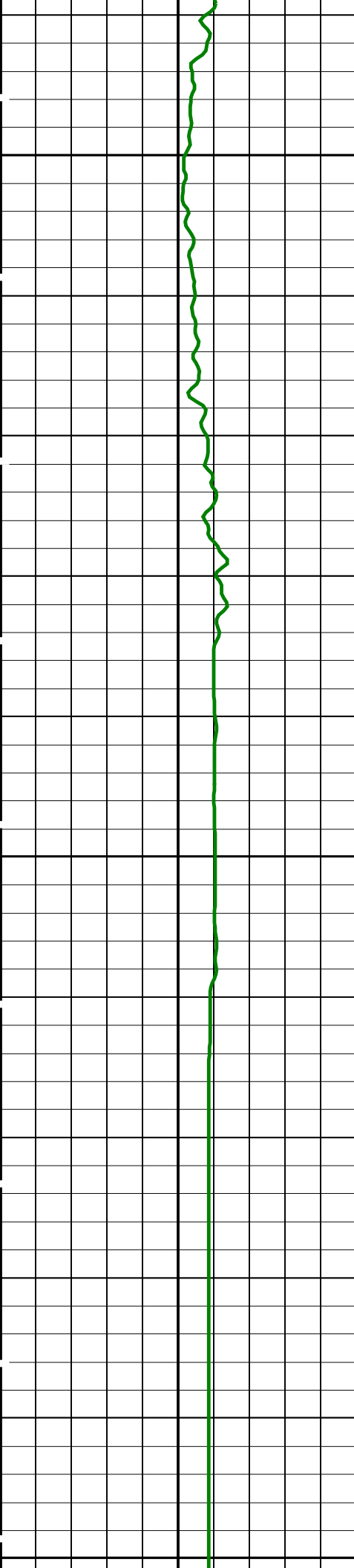




2075

2100

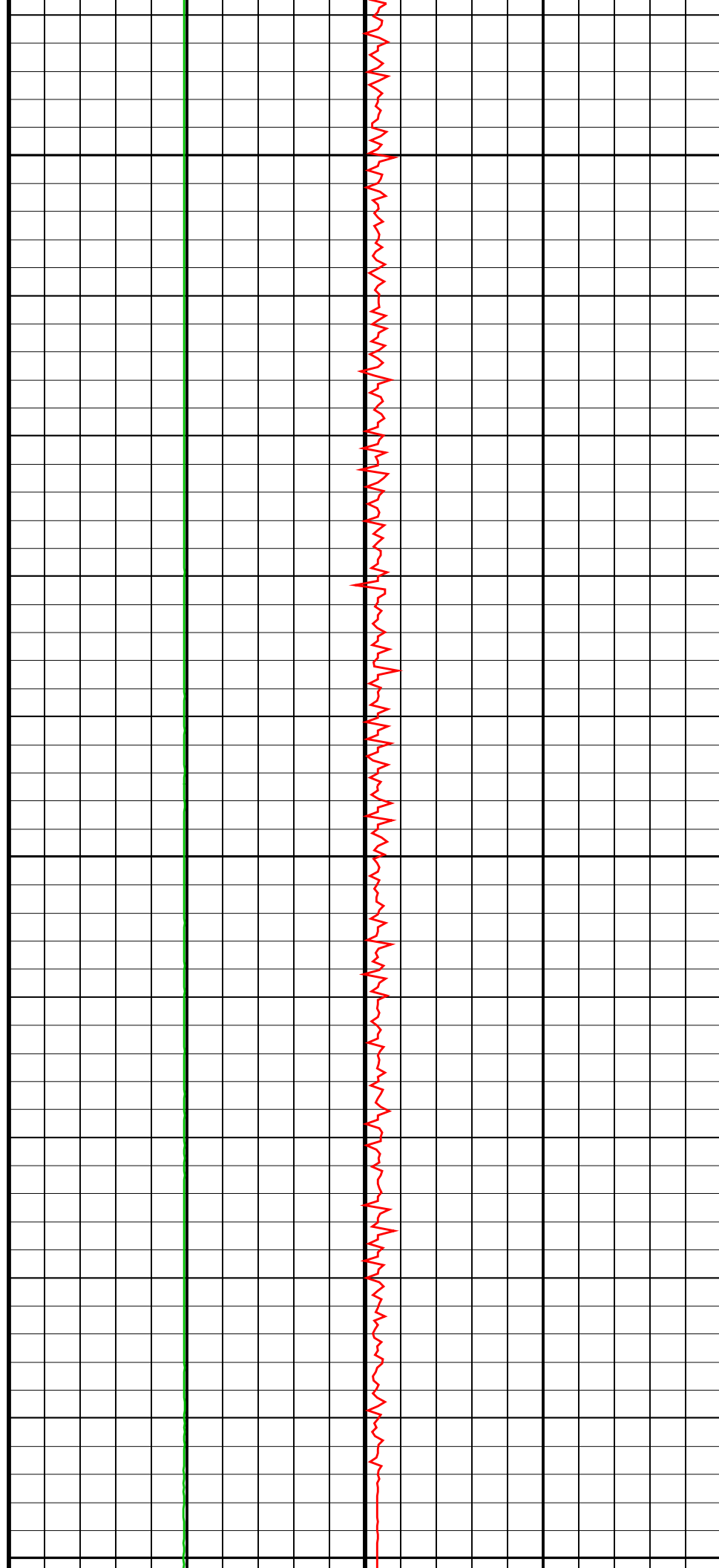




2125

2150

2175



<div> <div>HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)</div> <div>0150</div> </div>										<div> <div>Tension (TENS) (LBF)</div> <div>05000</div> </div>										<div> <div>Axial Acceleration (MSSZACC_LDEO) (M/S2)</div> <div>020</div> </div>																			
																				<div> <div>Dual-Coil Susceptibility (MSSLSUS_LDEO) (PPM)</div> <div>-1000090000</div> </div>																			

Parameters

Format: MSS_Logging Vertical Scale: 1:200 Graphics File Created: 06-Jul-2024 10:07

Output DLIS Files



Company:	International Ocean Discovery Program	Schlumberger
Well:	Expedition 403, Site U1620D	
Field:	Eastern Fram Strait Paleo Archive	
Rig:	JOIDES Resolution	
Country:	Netherlands	
	Spectral GR (HNGS)	
	Resistivity (HRLA) / Lithodensity (HLDS)	
	Porosity (APS) / Mag. Sus. (MSS)	