Company: **BP EXPLORATION**

Well: **BP−DOE−MT.ELBE**
Field: **MILNE POINT**
Borough: **NORTH SLOPE**

Borough: NORTH SLOPE
Field: MILNE POINT
Location: 1242' FNL & 4183' FEL
Well: BP−DOE−MT.ELBERT−0
Company: BP EXPLORATION (ALASKA), INC.

MODULAR DYNAMI
MDT, GAMMA RAY
14−FEB−2006

LOCATION
1242' FNL & 4183' FEL
AT SURFACE

Permanent Datum: MEA
Log Measured From: KEL
Drilling Measured From: KEL

API Serial No.
50−029−23302−0

Logging Date			14−Feb−2007
Run Number			FOUR
Depth Driller			3000 ft
Schlumberger Depth			2996 ft
Bottom Log Interval			2161 ft
Top Log Interval			2012 ft
Casing Driller Size @ Depth			9.625 in
Casing Schlumberger			1952 ft
Bit Size			8.750 in
Type Fluid In Hole			OIL BASED MUD
MUD	Density	Viscosity	9.4 lbm/gal
MUD	Fluid Loss	PH	
MUD	Source Of Sample		NA
RM @ Measured Temperature			
RMF @ Measured Temperature			
RMC @ Measured Temperature			
Source RMF	RMC		NA
RM @ MRT	RMF @ MRT		@ 38
Maximum Recorded Temperatures			38 degF
Circulation Stopped		Time	13−Feb−2007
Logger On Bottom		Time	16−Feb−2007
Unit Number	Location		2266 PRUDH
Recorded By			D.WEATHERS
Witnessed By			TIM COLLET

Schlumberger

(ALASKA), INC.

ERT−01

State: **ALASKA**

C TESTER LOG

	Elev.: K.B.	55.18 ft
	G.L.	21.4 ft
	D.F.	55.18 ft
AN SEA LEVEL	Elev.:	0 ft
LY BUSHING	55.2 ft	above Perm. Datum
LY BUSHING		

Section	Township	Range
30	13N	11E

	Run 1	Run 2	Run 3	Run 4
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				
MUD Fluid Loss / PH				
MUD 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				

@ 1954 ft

79 s

@ @ @ NA @ 38 @ @

15:30

12:45

HOE BAY

DEPTH SUMMARY LISTING

Date Created: 15−FEB−2007 17:17:07

Depth System Equipment

Logging Cable
Type: 7−46P−XS
Serial Number: 3001

Tension Device
Type: CMTD−B/A
Serial Number: 2699

Depth Measuring Device
Type: IDW−JA
Serial Number: 2656

Calibration Date:	13−JAN−2007	Calibration Date:	12−JAN−2007	Length:	14200.00 FT
Calibrator Serial Number:	18	Calibrator Serial Number:	265		
Calibration Cable Type:	7−46P−XS	Calibration Gain:	0.92	Conveyance Method:	Wireline
Wheel Correction 1:	−6	Calibration Offset:	539.00	Rig Type:	LAND
Wheel Correction 2:	−2				

Depth Control Parameters

Log Sequence: First Log In the Well

Rig Up Length At Surface:
Rig Up Length At Bottom:
Rig Up Length Correction:
Stretch Correction:
Tool Zero Check At Surface:

Depth Control Remarks

1. PRIMARY DEPTH CONTROL USED
2.
3.
4.
5.
6.

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

OTHER SERVICES1	OTHER SERVICES2
OS1: RT SCANNER, TLD,	OS1:
OS2: HGNS, EPT, DSI, PPC,	OS2:
OS3: OBMI, CMR, HNGS, ECS	OS3:
OS4:	OS4:
OS5:	OS5:

REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
RT SANNER RAN IN COMPUTE OBM STANDOFF, WITH TWO 1.5" STANDOFFS.	
RT SCANNER LOGGED IN 3_BholeCorr_BasicLogs_RadialProcessing Mode.	
TRIPLE LITHODENSITY TOOL LOGGED IN VERY HIGH RESOLUTION.	
COMPENSATED NEUTRON TOOL, ELECTROMAGNETIC PROPAGTION TOOL, ELEMENTAL CAPTURE SPECTROSCOPY SONDE,	
AND COMBINABLE MAGNETIC RESONANCE TOOL RAN WITH 180 DEG BOWSPRINGS FOR ECCENTRALIZATION.	
DIPOLE SONIC TOOL LOGGED IN ANISOTROPY, P & S , UPPER DIPOLE AND LOWER DIPOLE MODES.	
RAN WITH 2 POWERED POSITIONING CALIPERS FOR CENTRALIZATION	
COMBINABLE MAGNETIC RESONANCE TOOL LOGGING MODE: OIL BASED MUD DEPTH LOG− B MODE	
ECHO SPACING: 200 US, NUMBER OF ECHOES: 600, T2 CUTOFF: 33 MSEC	
MODULAR DYNAMIC TESTER RAN WITH TWO PACKERS, SIX 450 CC'S SAMPLE CHAMBERS, ONE GL SAMPLE CHAMBER AND	
ONE 1 GL CHAMBER WITH TANNER GAS TO PREVENT FLOW LINE FREEZING.	
MDT SAMPLES WERE TAKEN AT 2012', 2025', 2036', 2047', 2151' AND 2061'. UNABLE TO RETRIEVE SAMPLES AT	
2032', AND 2039' DUE TO LOST SEALS.	
MDT TOTAL PUMPED OUT TIME: 865 MINS.	
AFE# GS 2420H33	
RIG: DOYON 14	
CREW: J.CAPEN, D.COLE, D.WEATHERS, T.RAUBINGER	

RUN 1		RUN 2	
SERVICE ORDER #:	11638614	SERVICE ORDER #:	
PROGRAM VERSION:	14C0−302	PROGRAM VERSION:	
FLUID LEVEL:		FLUID LEVEL:	

LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

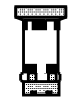
EQUIPMENT DESCRIPTION

RUN 1 | RUN 2

SURFACE EQUIPMENT

MRPP−AA 567
GSR−U/Y
WITM (CTS)−A

DOWNHOLE EQUIPMENT



DWCH−A
DWCH−A 1201 — 121.6

TCC−BF — 113.6

TelStatus — 99.0

ACTS−B1
ACTM−A 999 — 110.6

Gamma Ray — 94.1

SGT−L
SGH−K 598
SGC−SA 598 — 106.6

MRPC
MRPC−CA — 101.1

PC — 84.6

MRMS_1
BOTT_6−mpsr 1397
BOTT_5−mpsr 1294
BOTT_4−mpsr 1398
BOTT_3−mpsr 1295
BOTT_2−mpsr 1320 — 96.1
1.1 IN Standoff

MS1 — 71.4

MRSC_03
1_GAL−GA 226 — 82.9

SC3 — 65.2

CGA
MRFA−GA 9070 — 76.8

FA−GA — 60.2

MRPO_2
MRPO_2−DU−CA
MRPO_2−CA 430 — 71.7

PO2 — 49.5

MRSC_02
1_GAL−BB 185 — 61.1
1.0 IN Standoff

SC2 — 43.4

MRPO
MRPO−DU−BA
MRPO−CA 205 — 55.0

PO — 32.8

LFA
MRFA−EA 8158 — 44.4

FA−BA — 27.7

MRSC_01
1_GAL−GA 297 — 39.3

SC1 — 21.6

MRHY_1
MRHY_1−BA 170 — 33.1

HY1 — 13.1

MRPS_1
MRPS_1−DB 248 — 24.7

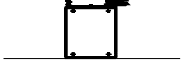
PS1−CQG−G
PS1 PS1−RES — 6.6

MRPA
MRMU−BA 125
MRML−BA 125
MRPA−EB 125
TAM_IE_700−UPPER 3940
TAM_IE_700−LOWER 46004

TENS HV DF
PA−CQG−G
Tension PA — 16.7

TOOL ZERO

TAM_IE_700-LOWER 46234



TOOL BOTTOM

MAXIMUM STRING DIAMETER 7.00 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN FEET

	(in) OD	(in) ID	(ft) MD	MT ELBERT	(ft) MD	(in) OD	(in) ID	
					0.0	9.625		Casing String
					1954.0	9.625		Casing Shoe
					1954.0	8.750		Borehole Segment

Schlumberger

GENERAL SUMMARY

MAXIS Field Log

MODULAR FORMATION DYNAMICS TESTER
(TOOL STRING)
BP EXPLORATION (ALASKA), INC.
BP−DOE−MT.ELBERT−01

* NOTE ALL PRESSURES RELATIVE TO QUARTZ

TEST #	DEPTH	PRESSURE BEFORE	PRESSURE AFTER	PRESSURE FORMATION	PRESSURE DRAWDOWN	PUMP TIME	PUMP VOL.	C
	F	PSIA	PSIA	PSIA	PSIA	MIN.	L	
93	2161	1110	1111		300	150	MPSR 2876	
94	2151	1106	1102		400	180	MPSR 1320	
95	2047	1048	1055		350	310	MPSR1295/1398	
97	2039	1038	1039				LOST SEAL (PS)	
98	2039	1040	1035				LOST SEAL (PS)	
99	2025	1044	1049		700	120	MPSR 1294 DID NOT BUILD UP	
100	2036	1049	1052		600	30	COULD NOT FLOW	
101	2012	1036	1038		600	30	COULD NOT FLOW	

Schlumberger

PRETEST SUMMARY

MAXIS Field Log

Schlumberger

PROBE CHECK AT SURFACE

MAXIS Field Log

Output DLIS Files

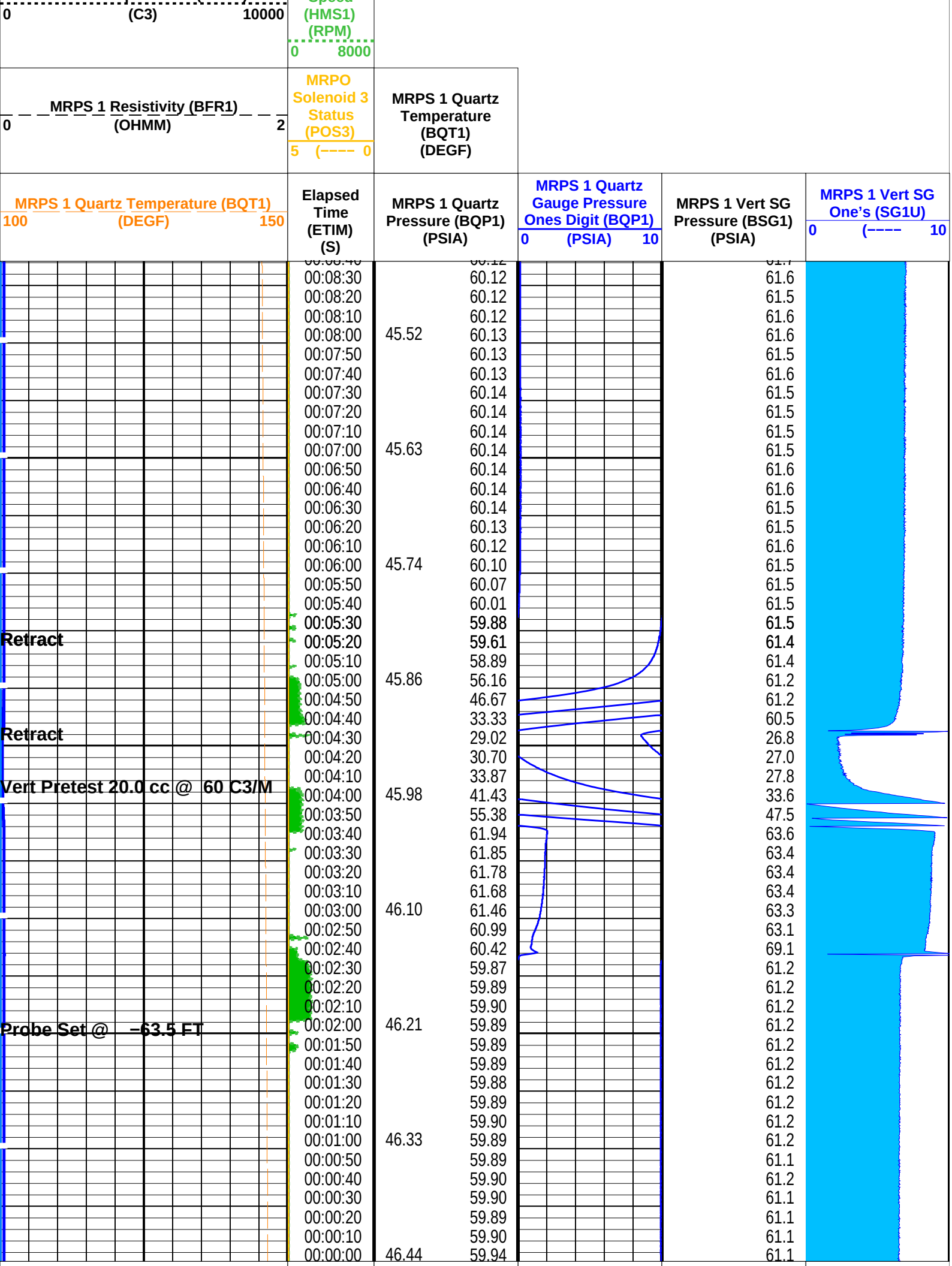
DEFAULT	MDT_OFA_087LTP	FN:98	PRODUCER	16−Feb−2007 05:38	−56.9 FT	4.3 FT

Elapsed Time (s)	Event Summary
324.6	Retract Single Probe Module (MRPS) 1
275.4	Retract Single Probe Module (MRPS) 1
219.3	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
121.2	Probe Set @ −63.5 FT Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Pressure (BQP1)		
0	(PSIA)	5000
MRPS 1 Vert SG Pressure (BSG1)		
0	(PSIA)	5000
MRPO Hydraulic Pressure (POHP)		
0	(PSIG)	5000
MRPO Pump Volume (POPV)		MRHY 1 Motor Speed


0 (C3) 10000
Speed (HMS1) (RPM)
0 8000
MRPS 1 Resistivity (BFR1) (OHMM)
0 2
MRPO Solenoid 3 Status (POS3)
5 (---- 0
MRPS 1 Quartz Temperature (BQT1) (DEGF)
MRPS 1 Quartz Temperature (BQT1) (DEGF)
100 150
Elapsed Time (ETIM) (S)
MRPS 1 Quartz Pressure (BQP1) (PSIA)
MRPS 1 Quartz Gauge Pressure Ones Digit (BQP1)
0 (PSIA) 10
MRPS 1 Vert SG Pressure (BSG1) (PSIA)
MRPS 1 Vert SG One's (SG1U)
0 (---- 10
00:08:30 60.12 61.6
00:08:20 60.12 61.5
00:08:10 60.12 61.6
00:08:00 45.52 60.13 61.6
00:07:50 60.13 61.5
00:07:40 60.13 61.6
00:07:30 60.14 61.5
00:07:20 60.14 61.5
00:07:10 60.14 61.5
00:07:00 45.63 60.14 61.5
00:06:50 60.14 61.6
00:06:40 60.14 61.6
00:06:30 60.14 61.5
00:06:20 60.13 61.5
00:06:10 60.12 61.6
00:06:00 45.74 60.10 61.5
00:05:50 60.07 61.5
00:05:40 60.01 61.5
00:05:30 59.88 61.5
Retract
00:05:20 59.61 61.4
00:05:10 58.89 61.4
00:05:00 45.86 56.16 61.2
00:04:50 46.67 61.2
00:04:40 33.33 60.5
Retract
00:04:30 29.02 26.8
00:04:20 30.70 27.0
00:04:10 33.87 27.8
Vert Pretest 20.0 cc @ 60 C3/M
00:04:00 45.98 41.43 33.6
00:03:50 55.38 47.5
00:03:40 61.94 63.6
00:03:30 61.85 63.4
00:03:20 61.78 63.4
00:03:10 61.68 63.4
00:03:00 46.10 61.46 63.3
00:02:50 60.99 63.1
00:02:40 60.42 69.1
00:02:30 59.87 61.2
00:02:20 59.89 61.2
00:02:10 59.90 61.2
Probe Set @ -63.5 FT
00:02:00 46.21 59.89 61.2
00:01:50 59.89 61.2
00:01:40 59.89 61.2
00:01:30 59.88 61.2
00:01:20 59.89 61.2
00:01:10 59.90 61.2
00:01:00 46.33 59.89 61.2
00:00:50 59.89 61.1
00:00:40 59.90 61.2
00:00:30 59.90 61.1
00:00:20 59.89 61.1
00:00:10 59.90 61.1
00:00:00 46.44 59.94 61.1

MRPS 1 Quartz Temperature (BQT1) 100 (DEGF) 150	Elapsed Time (ETIM) (S)	MRPS 1 Quartz Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure Ones Digit (BQP1) 0 (PSIA) 10	MRPS 1 Vert SG Pressure (BSG1) (PSIA)	MRPS 1 Vert SG One's (SG1U) 0 (---- 10
MRPS 1 Resistivity (BFR1) 0 (OHMM) 2	MRPO Solenoid 3 Status (POS3) 5 (---- 0	MRPS 1 Quartz Temperature (BQT1) (DEGF)			
MRPO Pump Volume (POPV) 0 (C3) 10000	MRHY 1 Motor Speed (HMS1) (RPM) 0 8000				
MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000					
MRPS 1 Vert SG Pressure (BSG1) 0 (PSIA) 5000					
MRPS 1 Quartz Pressure (BQP1) 0 (PSIA) 5000					

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: PROBE Vertical Scale: 1" per 60S Graphics File Created: 16-Feb-2007 05:38

OP System Version: 14C0-302

MCM

MRPA	SPC-3287-MDT_b	MRPS_1	SPC-3287-MDT_b
MRHY_1	SPC-3287-MDT_b	MRSC_01	SPC-3287-MDT_b
LFA	SPC-3287-MDT_b	MRPO	SPC-3287-MDT_b
MRSC_02	SPC-3287-MDT_b	MRPO_2	SPC-3287-MDT_b
CGA	SPC-3287-MDT_b	MRSC_03	SPC-3287-MDT_b
MRMS_1	SPC-3287-MDT_b	MRPC	SPC-3287-MDT_b
SGT-L	SPC-3287-MDT_b	ACTS-B1	SPC-3287-MDT_b
TCC-BF	14C0-302		

Output DLIS Files

DEFAULT	MDT_OFA_087LTP	FN:98	PRODUCER	16-Feb-2007 05:38

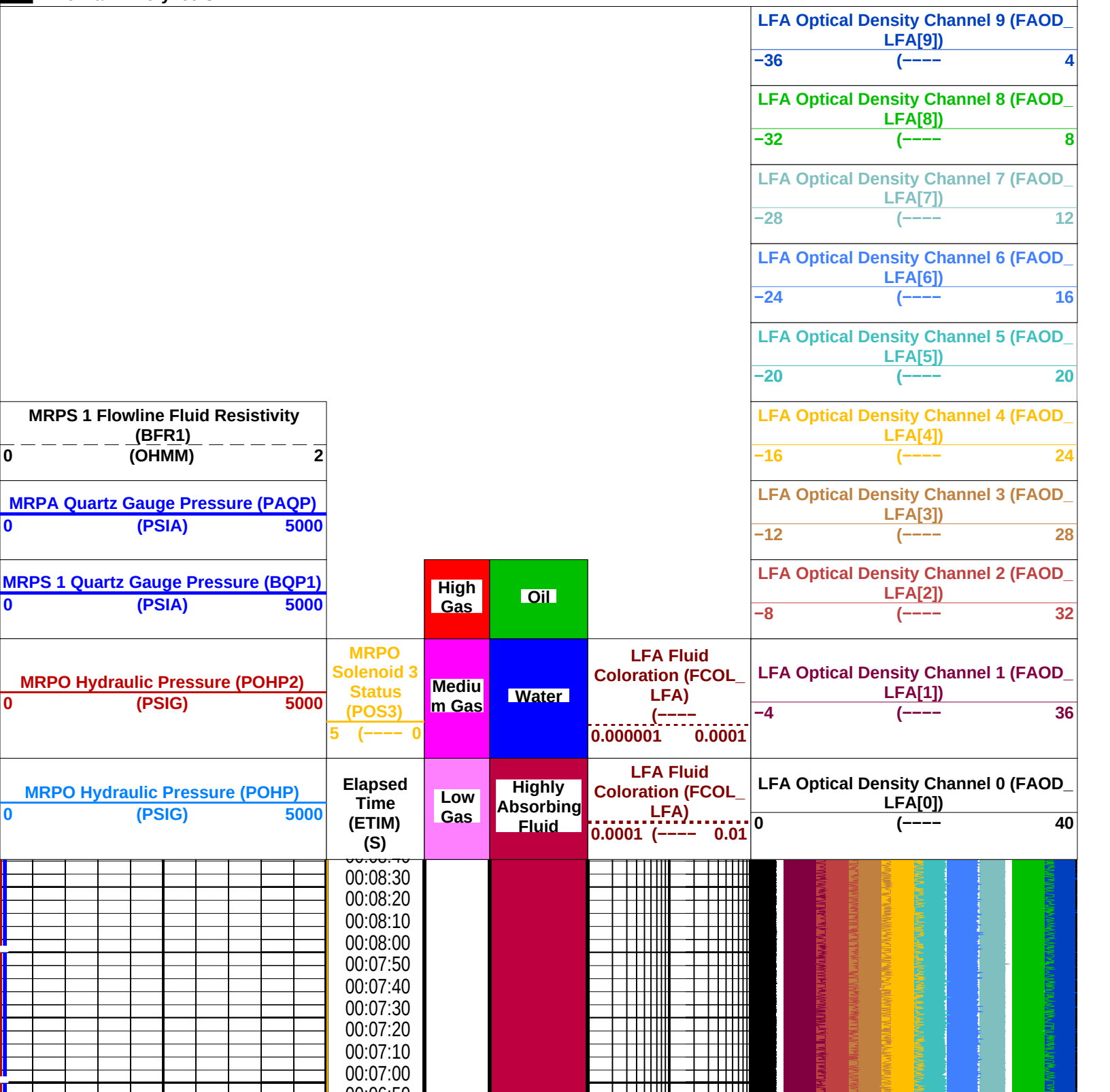
Output DLIS Files

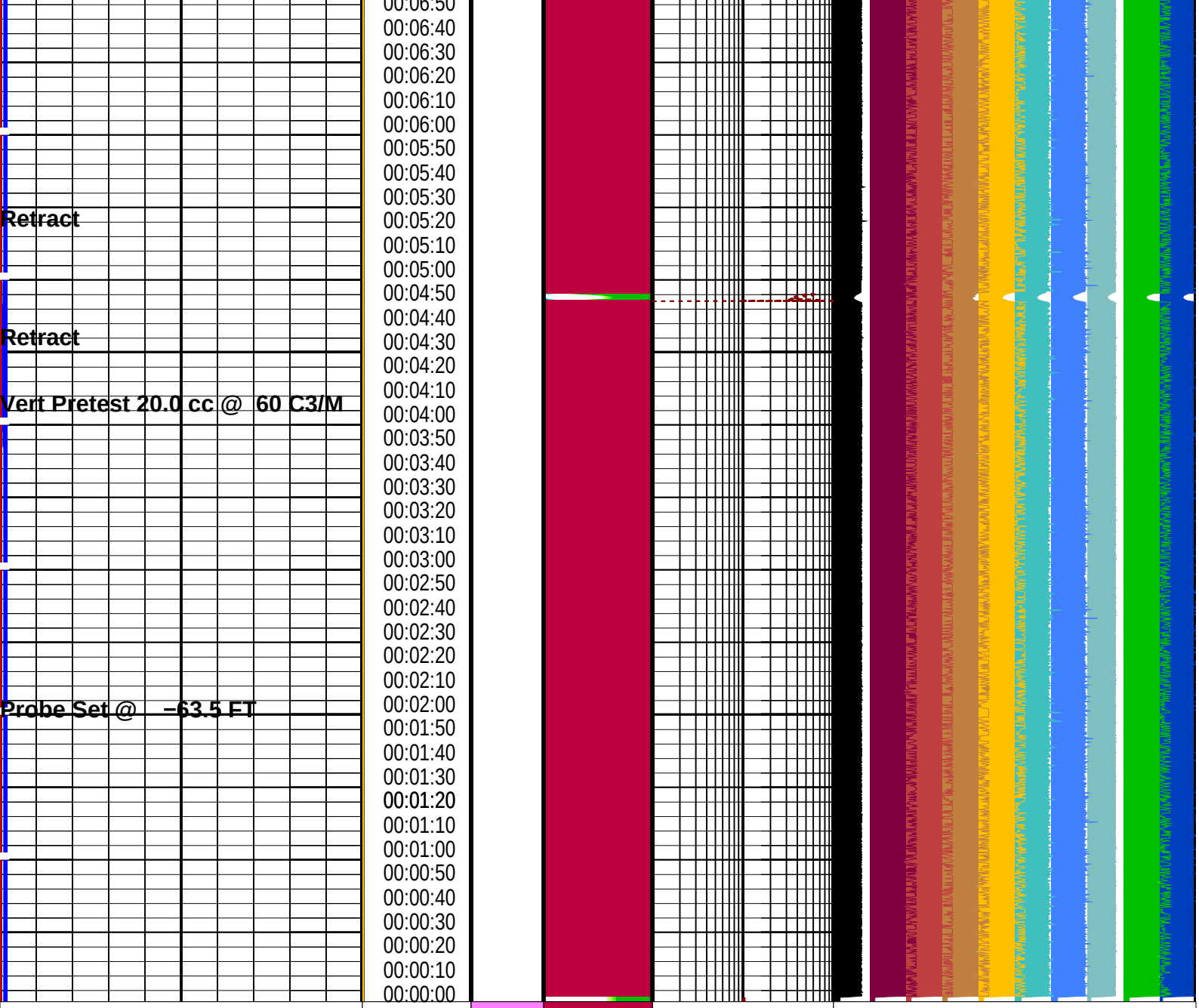
DEFAULT	MDT_OFA_087LTP	FN:98	PRODUCER	16-Feb-2007 05:38	-56.9 FT	4.3 FT

Elapsed Time (s)	Event Summary
324.6	Retract Single Probe Module (MRPS) 1
275.4	Retract Single Probe Module (MRPS) 1
219.3	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
121.2	Probe Set @ −63.5 FT Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000

MRPO Hydraulic Pressure (POHP2)
0 (PSIG) 5000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000

MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 5000

MRPS 1 Flowline Fluid Resistivity (BFR1)
0 (OHMM) 2

Elapsed Time (ETIM) (S)

MRPO Solenoid 3 Status (POS3)
5 (---- 0

Low Gas
Medium Gas
High Gas

Highly Absorbing Fluid
Water
Oil

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Fluid Coloration (FCOL_LFA)
(----
0.000001 0.0001

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

LFA Optical Density Channel 1 (FAOD_LFA[1])
−4 (---- 36

LFA Optical Density Channel 2 (FAOD_LFA[2])
−8 (---- 32

LFA Optical Density Channel 3 (FAOD_LFA[3])
−12 (---- 28

LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (---- 24

LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (---- 20

LFA Optical Density Channel 6 (FAOD_LFA[6])		
−24	(−−−−	16

LFA Optical Density Channel 7 (FAOD_LFA[7])		
−28	(−−−−	12

LFA Optical Density Channel 8 (FAOD_LFA[8])		
−32	(−−−−	8

LFA Optical Density Channel 9 (FAOD_LFA[9])		
−36	(−−−−	4

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
CEXP_LFA	LFA Coloration Exponent	4.6	
DCDW_LFA	LFA Decolor and Dewater Allow/Disallow for Gas Oil Ratio	ALLOW	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
ODTMP_LFA	LFA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: LFA **Vertical Scale: 1" per 60S** **Graphics File Created: 16−Feb−2007 05:38**

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_087LTP	FN:98	PRODUCER	16−Feb−2007 05:38		

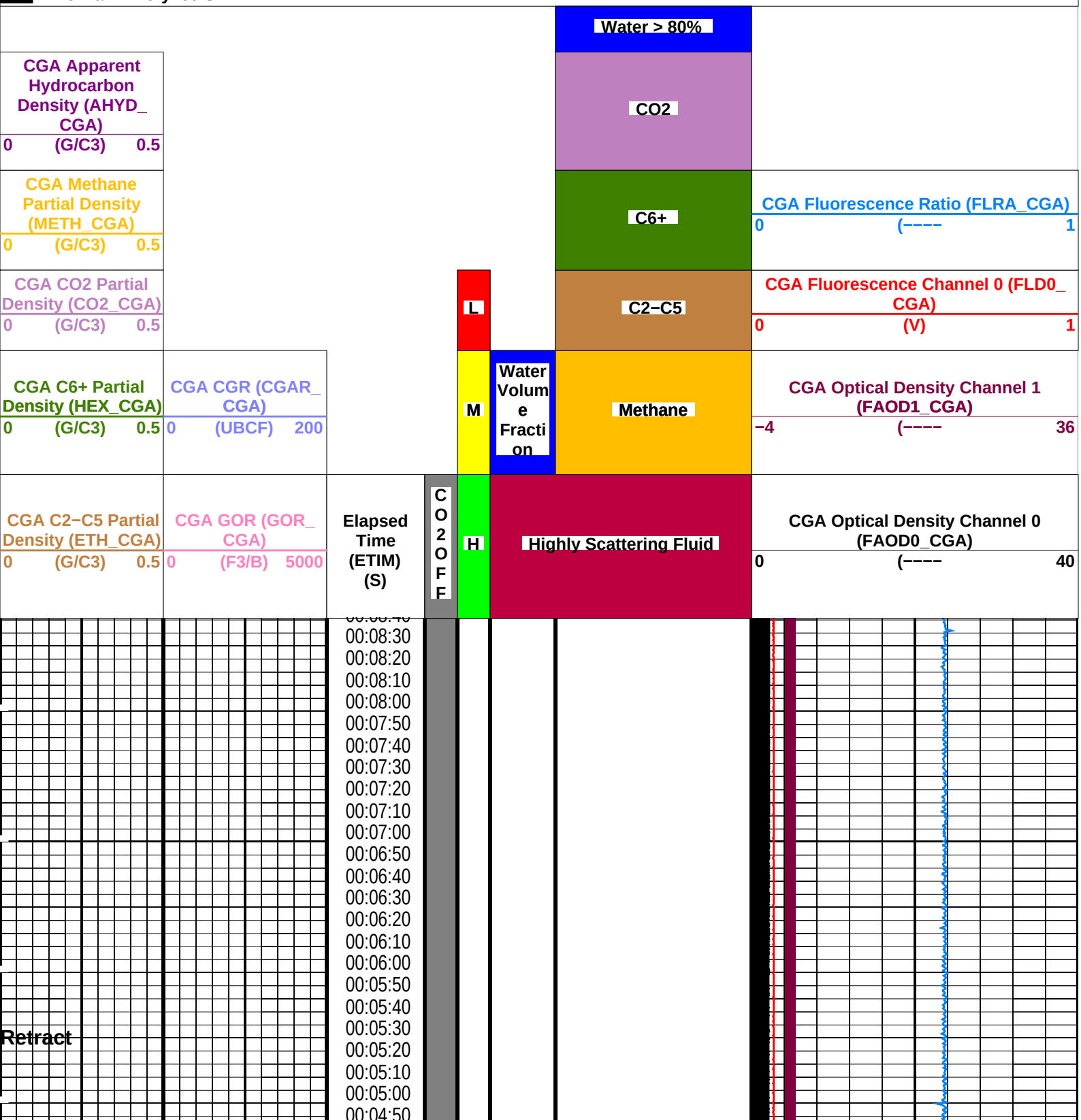
Output DLIS Files

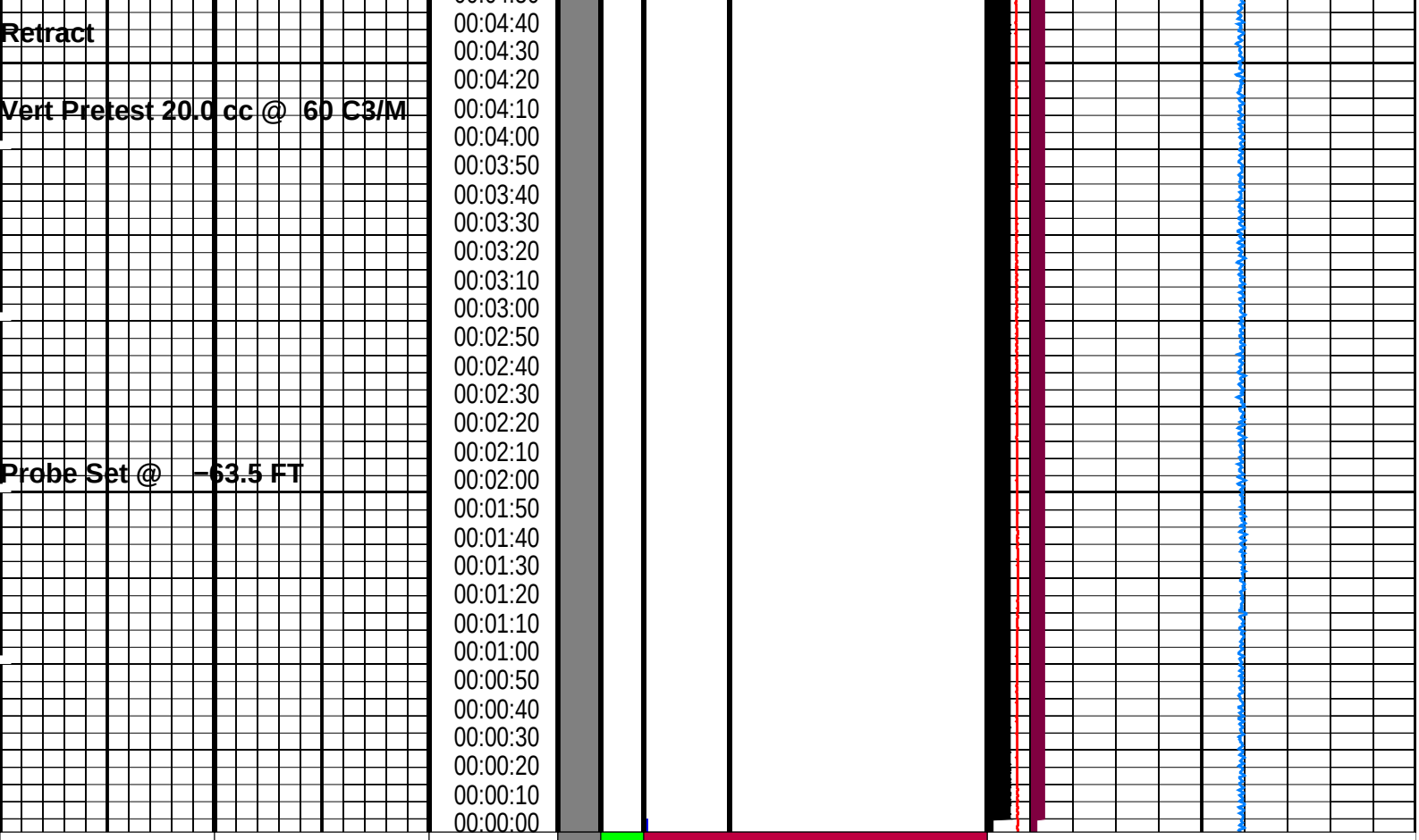
DEFAULT	MDT_OFA_087LTP	FN:98	PRODUCER	16−Feb−2007 05:38	−56.9 FT	4.3 FT

Elapsed Time (s)	Event Summary
324.6	Retract Single Probe Module (MRPS) 1
275.4	Retract Single Probe Module (MRPS) 1
219.3	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
121.2	Probe Set @ −63.5 FT Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





CGA C2−C5 Partial Density (ETH_CGA)
0 (G/C3) 0.5

CGA GOR (GOR_CGA)
0 (F3/B) 5000

Elapsed Time (ETIM) (S)

C O 2 O F F

H

Highly Scattering Fluid

CGA Optical Density Channel 0 (FAOD0_CGA)
0 (−−−− 40

CGA C6+ Partial Density (HEX_CGA)
0 (G/C3) 0.5

CGA CGR (CGAR_CGA)
0 (UBCF) 200

M

Water Volume Fraction

Methane

CGA Optical Density Channel 1 (FAOD1_CGA)
−4 (−−−− 36

CGA CO2 Partial Density (CO2_CGA)
0 (G/C3) 0.5

L

C2−C5

CGA Fluorescence Channel 0 (FLD0_CGA)
0 (V) 1

CGA Methane Partial Density (METH_CGA)
0 (G/C3) 0.5

C6+

CGA Fluorescence Ratio (FLRA_CGA)
0 (−−−− 1

CGA Apparent Hydrocarbon Density (AHYD_CGA)
0 (G/C3) 0.5

CO2

Water > 80%

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
PDCO	LFA: Live Fluid Analyzer Probe Depth Correction Offset	0 FT
	CGA: Condensate & Gas Analyzer	

CGA: Condensate & Gas Analyzer

FA2M_CGA	CGA CO2 Allow/Disallow Mode	ALLOW	
FADM_CGA	CGA Dew Detection Allow/Disallow Mode	ALLOW	
FAGM_CGA	CGA GOR Allow/Disallow Mode	ALLOW	
FAODW_CGA	CGA Water Absorption Spectra	** V **	
FAPC_CGA	CGA Path Correction Coefficient	1.0474	
FAPM_CGA	CGA Composition Allow/Disallow Mode	ALLOW	
FATCM_CGA	CGA Temp. Coef. Measure Mode	** V **	
FATCS_CGA	CGA Temp. Coef. Source Mode	** V **	
HAPI_CGA	CGA Hydrocarbon API	35	DAPI
MFGCAL_STATUS_CGA	CGA Manufacturing Calibration Coefficient Status	VALID	
ODTMP_CGA	CGA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
TCPS_STATUS_CGA	CGA Temperature Compensation Coefficient Status	VALID	

MRPC: Power Cartridge

PDCO	Probe Depth Correction Offset	0	FT

Format: CGA_Station Vertical Scale: 1" per 60S Graphics File Created: 16−Feb−2007 05:38

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_087LTP	FN:98	PRODUCER	16−Feb−2007 05:38

Output DLIS Files

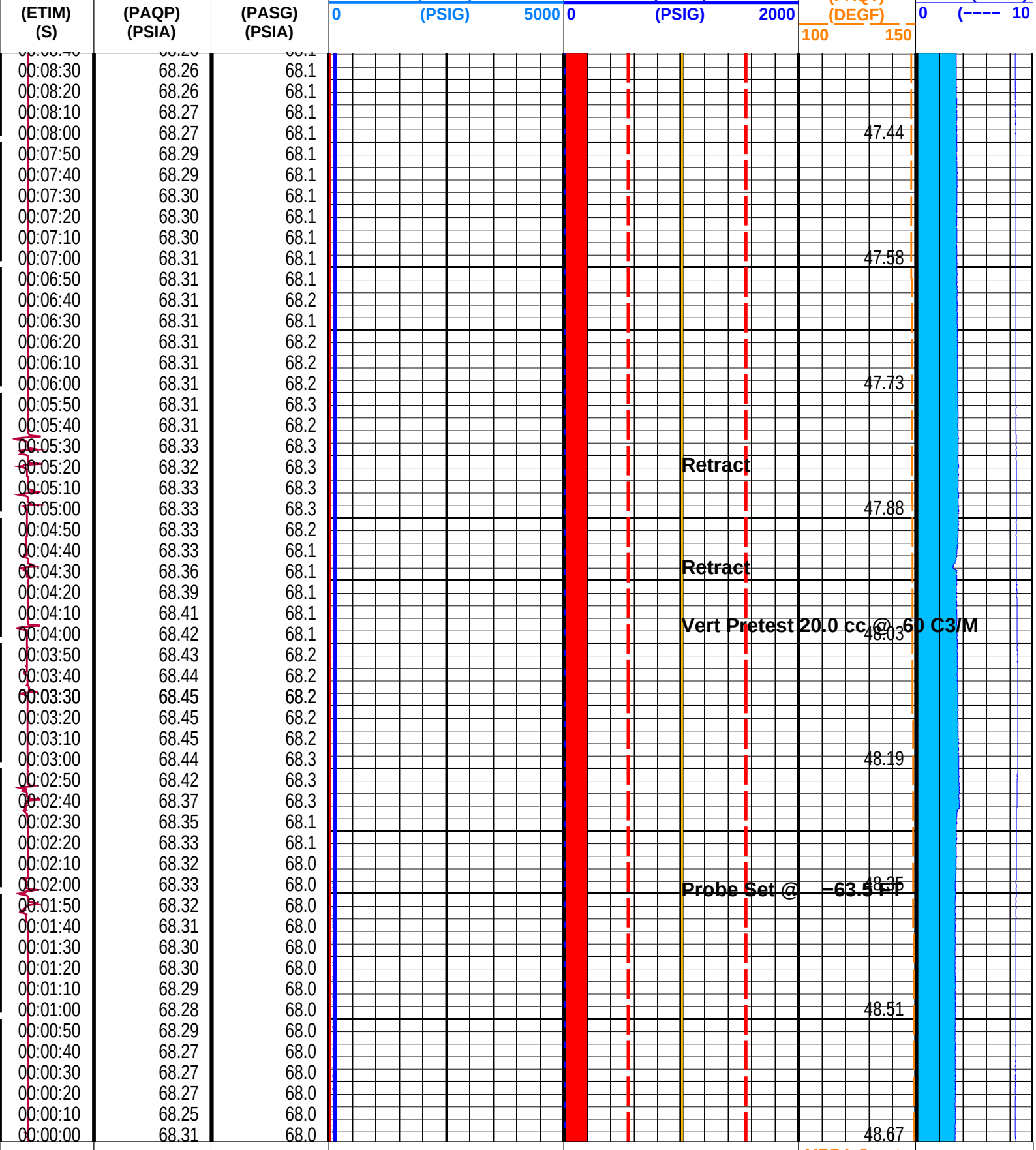
DEFAULT	MDT_OFA_087LTP	FN:98	PRODUCER	16−Feb−2007 05:38	−56.9 FT	4.3 FT

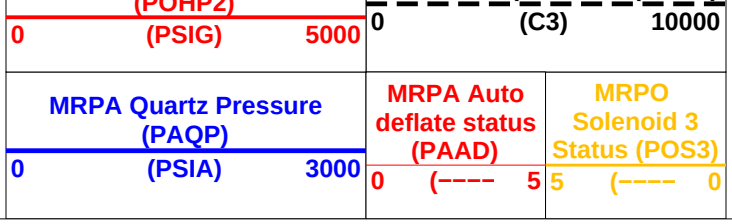
Elapsed Time (s)	Event Summary
324.6	Retract Single Probe Module (MRPS) 1
275.4	Retract Single Probe Module (MRPS) 1
219.3	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
121.2	Probe Set @ −63.5 FT Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

			MRPA Quartz Pressure (PAQP) 0 (PSIA) 3000	MRPA Auto deflate status (PAAD) 0 (−−−− 5	MRPO Solenoid 3 Status (POS3) 5 (−−−− 0			
			MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Pump Volume (POPV) 0 (C3) 10000				
MRPC 50 V Supply (50V) 30 (V) 100			MRPA SG Pressure (PASG) 0 (PSIA) 3000	MRPA Interval Valve Position (PAVP) −5 (−−−− 250	MRPA Inflate Valve Position (PAFP) −5 (−−−− 250	MRPA Quartz Temperature (PAQT) (DEGF)	MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10	
Elapsed Time	MRPA Quartz Pressure	MRPA SG Pressure	MRPO Hydraulic Pressure (POHP)	MRPA Inflate Pressure (PAHP)		MRPA Quartz Temperature (PAQT)	MRPA SG One's (PSGU)	


(ETIM) (S)
(PAQP) (PSIA)
(PASG) (PSIA)
0 (PSIG) 5000
0 (PSIG) 2000
(DEGF)
100 150
0 (---- 10
00:08:30 68.26 68.1
00:08:20 68.26 68.1
00:08:10 68.27 68.1
00:08:00 68.27 68.1
00:07:50 68.29 68.1
00:07:40 68.29 68.1
00:07:30 68.30 68.1
00:07:20 68.30 68.1
00:07:10 68.30 68.1
00:07:00 68.31 68.1
00:06:50 68.31 68.1
00:06:40 68.31 68.2
00:06:30 68.31 68.1
00:06:20 68.31 68.2
00:06:10 68.31 68.2
00:06:00 68.31 68.2
00:05:50 68.31 68.3
00:05:40 68.31 68.2
00:05:30 68.33 68.3
00:05:20 68.32 68.3
00:05:10 68.33 68.3
00:05:00 68.33 68.3
00:04:50 68.33 68.2
00:04:40 68.33 68.1
00:04:30 68.36 68.1
00:04:20 68.39 68.1
00:04:10 68.41 68.1
00:04:00 68.42 68.1
00:03:50 68.43 68.2
00:03:40 68.44 68.2
00:03:30 68.45 68.2
00:03:20 68.45 68.2
00:03:10 68.45 68.2
00:03:00 68.44 68.3
00:02:50 68.42 68.3
00:02:40 68.37 68.3
00:02:30 68.35 68.1
00:02:20 68.33 68.1
00:02:10 68.32 68.0
00:02:00 68.33 68.0
00:01:50 68.32 68.0
00:01:40 68.31 68.0
00:01:30 68.30 68.0
00:01:20 68.30 68.0
00:01:10 68.29 68.0
00:01:00 68.28 68.0
00:00:50 68.29 68.0
00:00:40 68.27 68.0
00:00:30 68.27 68.0
00:00:20 68.27 68.0
00:00:10 68.25 68.0
00:00:00 68.31 68.0
47.44
47.58
47.73
Retract
47.88
Retract
Vert Pretest 20.0 cc @ 60 C3/M
48.03
48.19
Probe Set @ -63.54 P
48.35
48.51
48.67
Elapsed Time (ETIM) (S)
MRPA Quartz Pressure (PAQP) (PSIA)
MRPA SG Pressure (PASG) (PSIA)
MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000
MRPA Inflate Pressure (PAHP)
0 (PSIG) 2000
MRPA Quartz Temperature (PAQT) (DEGF)
100 150
MRPA SG One's (PSGU)
0 (---- 10
MRPC 50 V Supply (50V)
30 (V) 100
MRPA SG Pressure (PASG)
0 (PSIA) 3000
MRPA Interval Valve Position (PAVP)
-5 (---- 250
MRPA Inflate Valve Position (PAFP)
-5 (---- 250
MRPA Quartz Temperature (PAQT) (DEGF)
MRPA PAQP Pressure Ones Digit (PAQP)
0 (PSIA) 10
MRPO Hydraulic Pressure
MRPO Pump Volume (POPV)



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: PACKER Vertical Scale: 1" per 60S Graphics File Created: 16-Feb-2007 05:38

OP System Version: 14C0-302

MCM

MRPA	SPC-3287-MDT_b	MRPS_1	SPC-3287-MDT_b
MRHY_1	SPC-3287-MDT_b	MRSC_01	SPC-3287-MDT_b
LFA	SPC-3287-MDT_b	MRPO	SPC-3287-MDT_b
MRSC_02	SPC-3287-MDT_b	MRPO_2	SPC-3287-MDT_b
CGA	SPC-3287-MDT_b	MRSC_03	SPC-3287-MDT_b
MRMS_1	SPC-3287-MDT_b	MRPC	SPC-3287-MDT_b
SGT-L	SPC-3287-MDT_b	ACTS-B1	SPC-3287-MDT_b
TCC-BF	14C0-302		

Output DLIS Files

DEFAULT	MDT_OFA_087LTP	FN:98	PRODUCER	16-Feb-2007 05:38	

Schlumberger

LATCH CHECK

MAXIS Field Log

Output DLIS Files

DEFAULT	MDT_OFA_089LTP	FN:100	PRODUCER	16-Feb-2007 10:45	1688.2 FT	3.4 FT

Elapsed Time (s)	Event Summary

359.4	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
346.8	Pump In Started Dual Pumpout Module (MRPO)
200.7	Retract Single Probe Module (MRPS) 1
155.1	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
71.7	Probe Set @ 1681.6 FT Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Pressure (BQP1)
0 (PSIA) 5000

MRPS 1 Vert SG Pressure (BSG1)
0 (PSIA) 5000

MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000

MRPO Pump Volume (POPV)
0 (C3) 10000

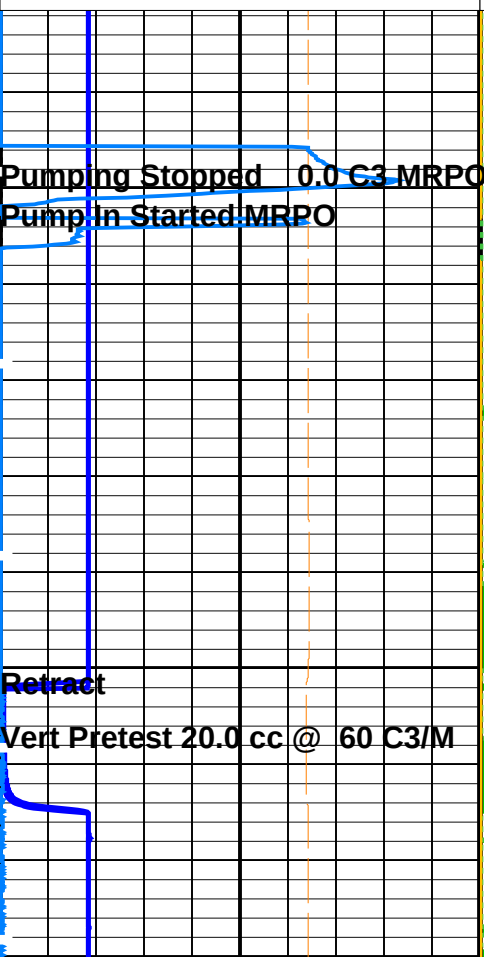
MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Resistivity (BFR1)
0 (OHMM) 2

MRPO Solenoid 3 Status (POS3)
5 (---- 0

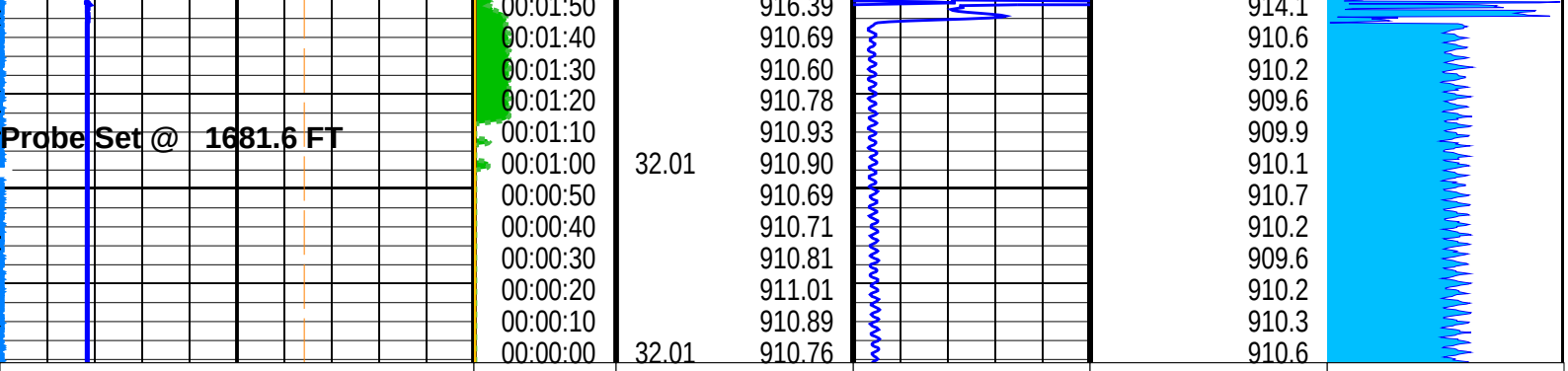
MRPS 1 Quartz Temperature (BQT1) (DEGF)

MRPS 1 Quartz Temperature (BQT1)
100 (DEGF) 150



Elapsed Time (ETIM) (S)	MRPS 1 Quartz Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure Ones Digit (BQP1) (PSIA) 0 10	MRPS 1 Vert SG Pressure (BSG1) (PSIA)	MRPS 1 Vert SG One's (SG1U) 0 (---- 10
00:06:40	910.55		910.1	
00:06:30	910.26		910.2	
00:06:20	910.28		909.8	
00:06:10	910.51		909.5	
00:06:00	910.59		909.8	
00:05:50	910.49		909.9	
00:05:40	910.26		909.9	
00:05:30	910.28		909.6	
00:05:20	910.43		909.2	
00:05:10	910.58		909.6	
00:05:00	910.44		910.1	
00:04:50	910.26		909.8	
00:04:40	910.22		909.8	
00:04:30	910.47		909.2	
00:04:20	910.55		909.8	
00:04:10	910.41		910.1	
00:04:00	910.10		909.8	
00:03:50	910.11		909.7	
00:03:40	910.25		909.3	
00:03:30	910.02		909.8	
00:03:20	125.23		907.9	
00:03:10	27.33		17.5	
00:03:00	33.84		18.6	
00:02:50	59.26		30.7	
00:02:40	906.82		894.7	
00:02:30	910.80		910.7	
00:02:20	911.07		910.5	
00:02:10	911.86		910.8	
00:02:00	911.48		910.3	

32.04
32.04
32.06
31.75
32.01



MRPS 1 Quartz Temperature (BQT1) 100 (DEGF) 150	Elapsed Time (ETIM) (S)	MRPS 1 Quartz Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure Ones Digit (BQP1) 0 (PSIA) 10	MRPS 1 Vert SG Pressure (BSG1) (PSIA)	MRPS 1 Vert SG One's (SG1U) 0 (---- 10
MRPS 1 Resistivity (BFR1) 0 (OHMM) 2	MRPO Solenoid 3 Status (POS3) 5 (---- 0	MRPS 1 Quartz Temperature (BQT1) (DEGF)			
MRPO Pump Volume (POPV) 0 (C3) 10000	MRHY 1 Motor Speed (HMS1) (RPM) 0 8000				
MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000					
MRPS 1 Vert SG Pressure (BSG1) 0 (PSIA) 5000					
MRPS 1 Quartz Pressure (BQP1) 0 (PSIA) 5000					

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: PROBE Vertical Scale: 1" per 60S Graphics File Created: 16-Feb-2007 10:45

OP System Version: 14C0-302

MCM

MRPA	SPC-3287-MDT_b	MRPS_1	SPC-3287-MDT_b
MRHY_1	SPC-3287-MDT_b	MRSC_01	SPC-3287-MDT_b
LFA	SPC-3287-MDT_b	MRPO	SPC-3287-MDT_b
MRSC_02	SPC-3287-MDT_b	MRPO_2	SPC-3287-MDT_b
CGA	SPC-3287-MDT_b	MRSC_03	SPC-3287-MDT_b
MRMS_1	SPC-3287-MDT_b	MRPC	SPC-3287-MDT_b

SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_089LTP	FN:100	PRODUCER	16−Feb−2007 10:45	

Output DLIS Files

DEFAULT	MDT_OFA_089LTP	FN:100	PRODUCER	16−Feb−2007 10:45	1688.2 FT	3.4 FT

Elapsed Time (s)	Event Summary
359.4	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
346.8	Pump In Started Dual Pumpout Module (MRPO)
200.7	Retract Single Probe Module (MRPS) 1
155.1	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
71.7	Probe Set @ 1681.6 FT Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

LFA Optical Density Channel 9 (FAOD_LFA[9])
−36 (−−−− 4

LFA Optical Density Channel 8 (FAOD_LFA[8])
−32 (−−−− 8

LFA Optical Density Channel 7 (FAOD_LFA[7])
−28 (−−−− 12

LFA Optical Density Channel 6 (FAOD_LFA[6])
−24 (−−−− 16

LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (−−−− 20

LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (−−−− 24

LFA Optical Density Channel 3 (FAOD_LFA[3])
−12 (−−−− 28

LFA Optical Density Channel 2 (FAOD_LFA[2])
−8 (−−−− 32

LFA Optical Density Channel 1 (FAOD_LFA[1])
−4 (−−−− 36

LFA Optical Density Channel 0 (FAOD_LFA[0])

MRPS 1 Flowline Fluid Resistivity (BFR1)
0 (OHMM) 2

MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 5000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000

MRPO Hydraulic Pressure (POHP2)
0 (PSIG) 5000

MRPO Solenoid 3 Status (POS3)
5 (−−−− 0

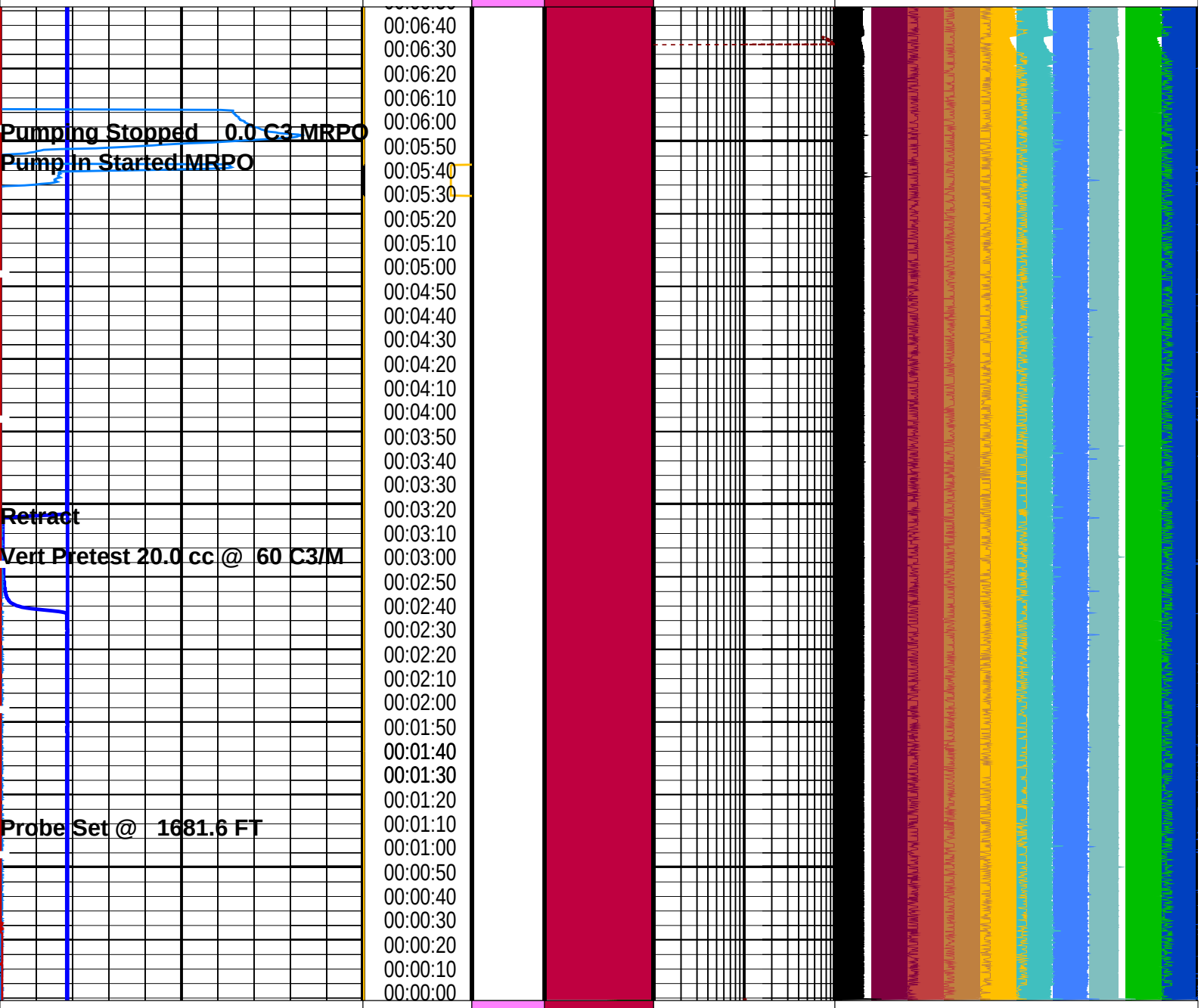
High Gas | Oil
Medium Gas | Water
Low Gas | Highly Absorbing

LFA Fluid Coloration (FCOL_LFA) (−−−−
0.000001 0.0001

LFA Fluid Coloration (FCOL_LFA)

MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000

Elapsed Time



0 (PSIG) 5000

(ETIM) (S)

Gas

Fluid

LFA)

0.0001 (---- 0.01

0 (---- 40

MRPO Hydraulic Pressure (POHP)

0 (PSIG) 5000

Elapsed Time (ETIM) (S)

Low Gas

Highly Absorbing Fluid

LFA Fluid Coloration (FCOL_LFA)

0.0001 (---- 0.01

LFA Optical Density Channel 0 (FAOD_LFA[0])

0 (---- 40

MRPO Hydraulic Pressure (POHP2)

0 (PSIG) 5000

MRPO Solenoid 3 Status (POS3)

5 (---- 0

Medium Gas

Water

LFA Fluid Coloration (FCOL_LFA)

(----

0.000001 0.0001

LFA Optical Density Channel 1 (FAOD_LFA[1])

-4 (---- 36

MRPS 1 Quartz Gauge Pressure (BQP1)

0 (PSIA) 5000

High Gas

Oil

LFA Optical Density Channel 2 (FAOD_LFA[2])

-8 (---- 32

MRPA Quartz Gauge Pressure (PAQP)

0 (PSIA) 5000

LFA Optical Density Channel 3 (FAOD_LFA[3])

-12 (---- 28

MRPS 1 Flowline Fluid Resistivity (BFR1)

0 (OHMM) 2

LFA Optical Density Channel 4 (FAOD_LFA[4])

-16 (---- 24

LFA Optical Density Channel 5 (FAOD_LFA[5])

−20	(−−−−	20

LFA Optical Density Channel 6 (FAOD_LFA[6])

−24	(−−−−	16

LFA Optical Density Channel 7 (FAOD_LFA[7])

−28	(−−−−	12

LFA Optical Density Channel 8 (FAOD_LFA[8])

−32	(−−−−	8

LFA Optical Density Channel 9 (FAOD_LFA[9])

−36	(−−−−	4

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
CEXP_LFA	LFA Coloration Exponent	4.6	
DCDW_LFA	LFA Decolor and Dewater Allow/Disallow for Gas Oil Ratio	ALLOW	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
ODTMP_LFA	LFA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: LFA Vertical Scale: 1" per 60S **Graphics File Created: 16−Feb−2007 10:45**

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_089LTP	FN:100	PRODUCER	16−Feb−2007 10:45	

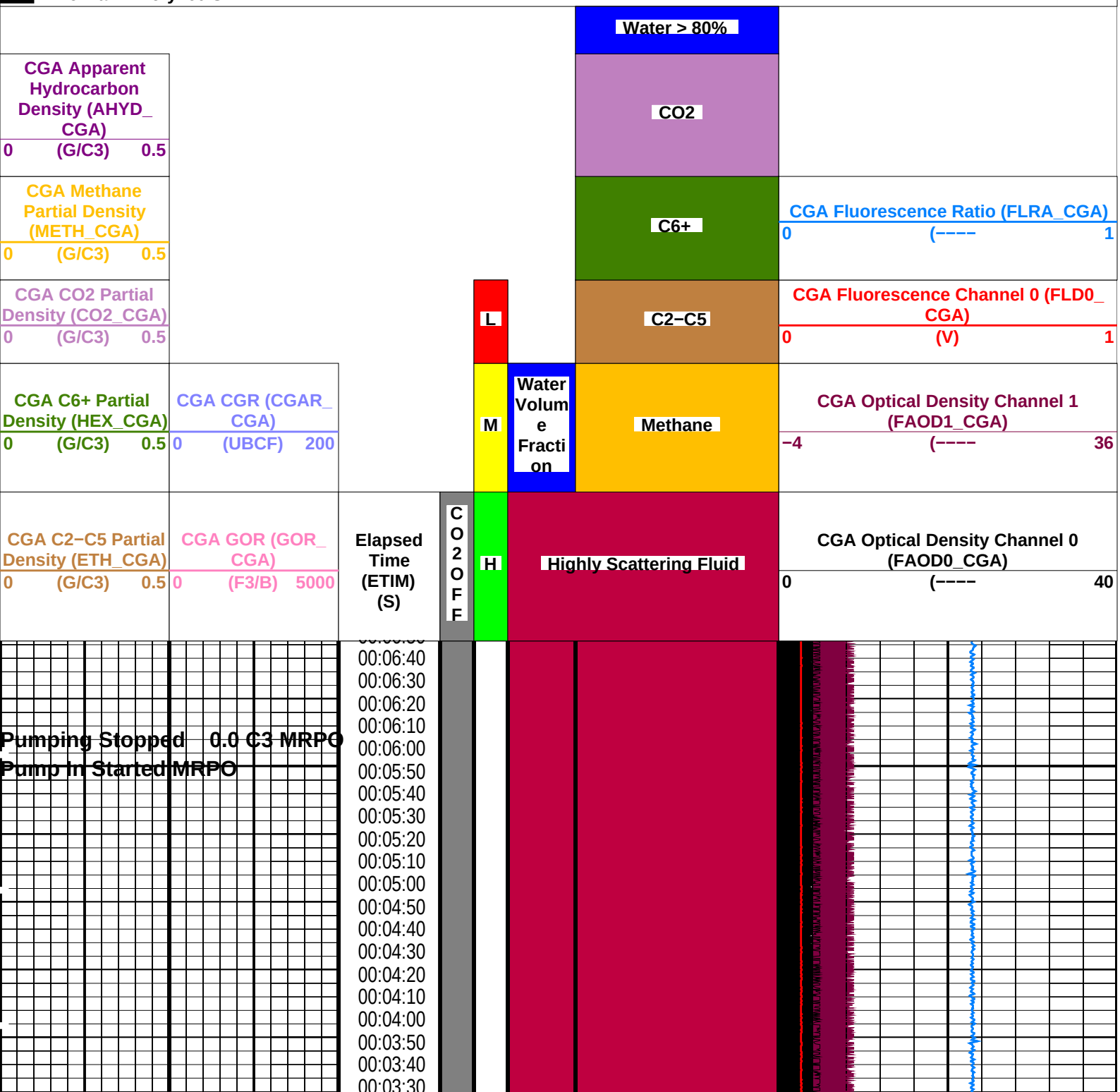
Output DLIS Files

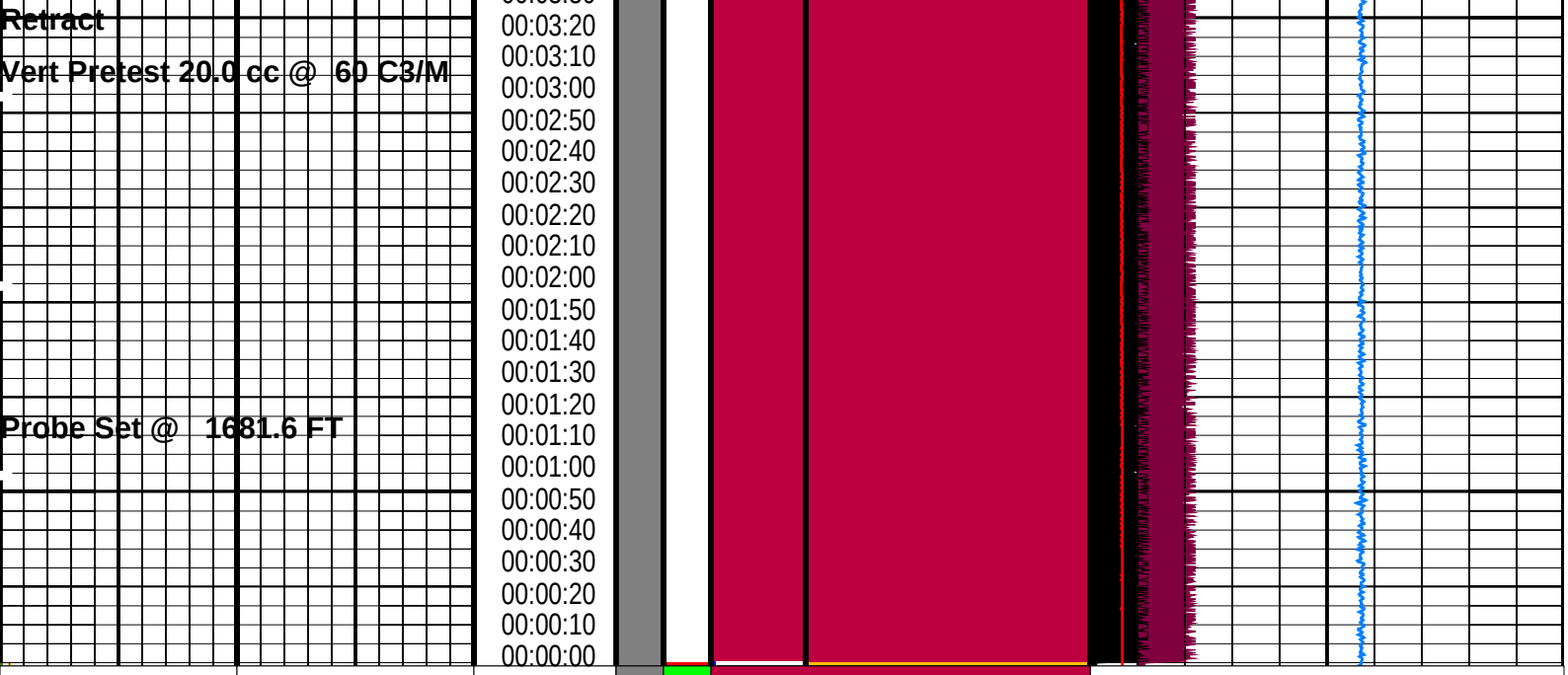
DEFAULT	MDT_OFA_089LTP	FN:100	PRODUCER	16−Feb−2007 10:45	1688.2 FT	3.4 FT

Elapsed Time (s)	Event Summary
359.4	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
346.8	Pump In Started Dual Pumpout Module (MRPO)
200.7	Retract Single Probe Module (MRPS) 1
155.1	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
71.7	Probe Set @ 1681.6 FT Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





CGA C2−C5 Partial Density (ETH_CGA)
0 (G/C3) 0.5

CGA GOR (GOR_CGA)
0 (F3/B) 5000

Elapsed Time (ETIM) (S)

C O 2 O F F

H

Highly Scattering Fluid

CGA Optical Density Channel 0 (FAOD0_CGA)
0 (−−−− 40

CGA C6+ Partial Density (HEX_CGA)
0 (G/C3) 0.5

CGA CGR (CGAR_CGA)
0 (UBCF) 200

M

Water Volume Fraction

Methane

CGA Optical Density Channel 1 (FAOD1_CGA)
−4 (−−−− 36

CGA CO2 Partial Density (CO2_CGA)
0 (G/C3) 0.5

L

C2−C5

CGA Fluorescence Channel 0 (FLD0_CGA)
0 (V) 1

CGA Methane Partial Density (METH_CGA)
0 (G/C3) 0.5

C6+

CGA Fluorescence Ratio (FLRA_CGA)
0 (−−−− 1

CGA Apparent Hydrocarbon Density (AHYD_CGA)
0 (G/C3) 0.5

CO2

Water > 80%

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	CGA: Condensate & Gas Analyzer		
FA2M_CGA	CGA CO2 Allow/Disallow Mode	ALLOW	
FADM_CGA	CGA Dew Detection Allow/Disallow Mode	ALLOW	
FAGM_CGA	CGA GOR Allow/Disallow Mode	ALLOW	
FAODW_CGA	CGA Water Absorption Spectra	** V **	
FAPC_CGA	CGA Path Correction Coefficient	1.0474	
FAPM_CGA	CGA Composition Allow/Disallow Mode	ALLOW	
FATCM_CGA	CGA Temp. Coef. Measure Mode	** V **	
FATCS_CGA	CGA Temp. Coef. Source Mode	** V **	
HAPI_CGA	CGA Hydrocarbon API	35	DAPI
MEGCAL_STATUS_CGA	CGA Manufacturing Calibration Coefficient Status	VALID	

ODTMP_CGA	CGA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
TCPS_STATUS_CGA	CGA Temperature Compensation Coefficient Status	VALID	
MRPC: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	FT

Format: CGA_Station Vertical Scale: 1" per 60S Graphics File Created: 16−Feb−2007 10:45

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_089LTP	FN:100	PRODUCER	16−Feb−2007 10:45

Output DLIS Files

DEFAULT	MDT_OFA_089LTP	FN:100	PRODUCER	16−Feb−2007 10:45	1688.2 FT	3.4 FT

Event Summary

Elapsed Time (s)	
359.4	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
346.8	Pump In Started Dual Pumpout Module (MRPO)
200.7	Retract Single Probe Module (MRPS) 1
155.1	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
71.7	Probe Set @ 1681.6 FT Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPA Quartz Pressure (PAQP) 0 (PSIA) 3000

MRPA Auto deflate status (PAAD) 0 (−−−− 5

MRPO Solenoid 3 Status (POS3) 5 (−−−− 0

MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000

MRPO Pump Volume (POPV) 0 (C3) 10000

MRPC 50 V Supply (50V) 30 (V) 100

MRPA SG Pressure (PASG) 0 (PSIA) 3000

MRPA Interval Valve Position (PAVP) −5 (−−−− 250

MRPA Inflate Valve Position (PAFP) −5 (−−−− 250

MRPA Quartz Temperature (PAQT) (DEGF)

MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10

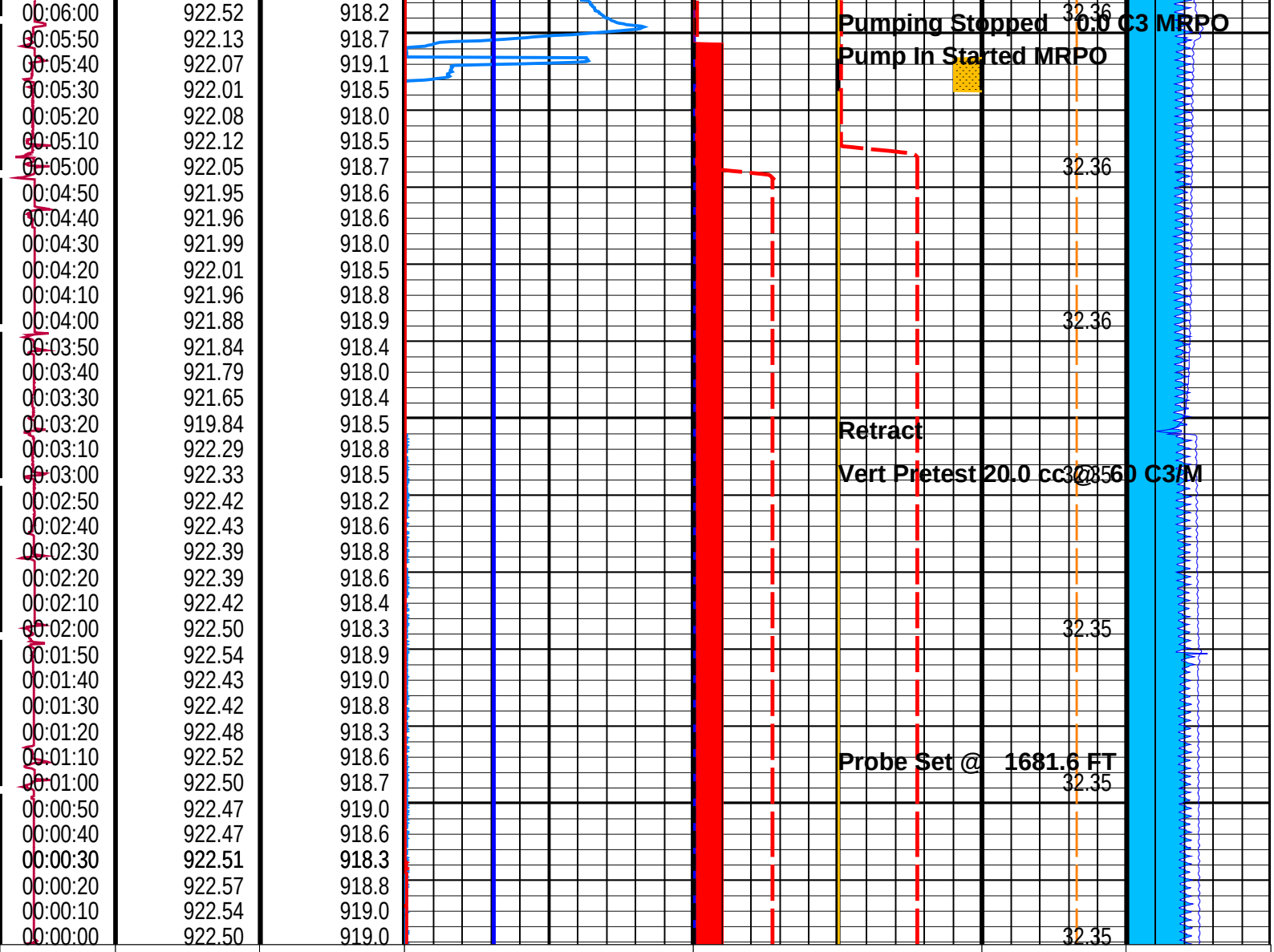
Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)
00:06:40	922.11	918.6
00:06:30	921.96	919.2
00:06:20	921.93	918.5
00:06:10	922.05	918.2

MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000

MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000

MRPA Quartz Temperature (PAQT) (DEGF) 100 150

MRPA SG One's (PSGU) 0 (−−−− 10



Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)
00:06:00	922.52	918.2
00:05:50	922.13	918.7
00:05:40	922.07	919.1
00:05:30	922.01	918.5
00:05:20	922.08	918.0
00:05:10	922.12	918.5
00:05:00	922.05	918.7
00:04:50	921.95	918.6
00:04:40	921.96	918.6
00:04:30	921.99	918.0
00:04:20	922.01	918.5
00:04:10	921.96	918.8
00:04:00	921.88	918.9
00:03:50	921.84	918.4
00:03:40	921.79	918.0
00:03:30	921.65	918.4
00:03:20	919.84	918.5
00:03:10	922.29	918.8
00:03:00	922.33	918.5
00:02:50	922.42	918.2
00:02:40	922.43	918.6
00:02:30	922.39	918.8
00:02:20	922.39	918.6
00:02:10	922.42	918.4
00:02:00	922.50	918.3
00:01:50	922.54	918.9
00:01:40	922.43	919.0
00:01:30	922.42	918.8
00:01:20	922.48	918.3
00:01:10	922.52	918.6
00:01:00	922.50	918.7
00:00:50	922.47	919.0
00:00:40	922.47	918.6
00:00:30	922.51	918.3
00:00:20	922.57	918.8
00:00:10	922.54	919.0
00:00:00	922.50	919.0

MRPO Hydraulic Pressure (POHP): 0 (PSIG) 5000

MRPA Inflate Pressure (PAHP): 0 (PSIG) 2000

MRPA Quartz Temperature (PAQT) (DEGF): 100 150

MRPA SG One's (PSGU): 0 (---- 10

MRPC 50 V Supply (50V): 30 (V) 100

MRPA SG Pressure (PASG): 0 (PSIA) 3000

MRPA Interval Valve Position (PAVP): -5 (---- 250

MRPA Inflate Valve Position (PAFP): -5 (---- 250

MRPA Quartz Temperature (PAQT) (DEGF)

MRPA PAQP Pressure Ones Digit (PAQP): 0 (PSIA) 10

MRPO Hydraulic Pressure (POHP2): 0 (PSIG) 5000

MRPO Pump Volume (POPV): 0 (C3) 10000

MRPA Quartz Pressure (PAQP): 0 (PSIA) 3000

MRPA Auto deflate status (PAAD): 0 (---- 5

MRPO Solenoid 3 Status (POS3): 5 (---- 0

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	

QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: PACKER **Vertical Scale: 1" per 60S** **Graphics File Created: 16−Feb−2007 10:45**

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_089LTP	FN:100	PRODUCER	16−Feb−2007 10:45		

Output DLIS Files

DEFAULT	MDT_OFA_091LTP	FN:102	PRODUCER	16−Feb−2007 12:45	2130.0 FT	6.7 FT

Elapsed Time (s)	Event Summary
798.9	Pumping Stopped 5490.0 C3 Dual Pumpout Module (MRPO)
133.8	Pump In Started Dual Pumpout Module (MRPO)

PIP SUMMARY

Time Mark Every 60 S

LFA Optical Density Channel 9 (FAOD_LFA[9])
−36 (−−−− 4

LFA Optical Density Channel 8 (FAOD_LFA[8])
−32 (−−−− 8

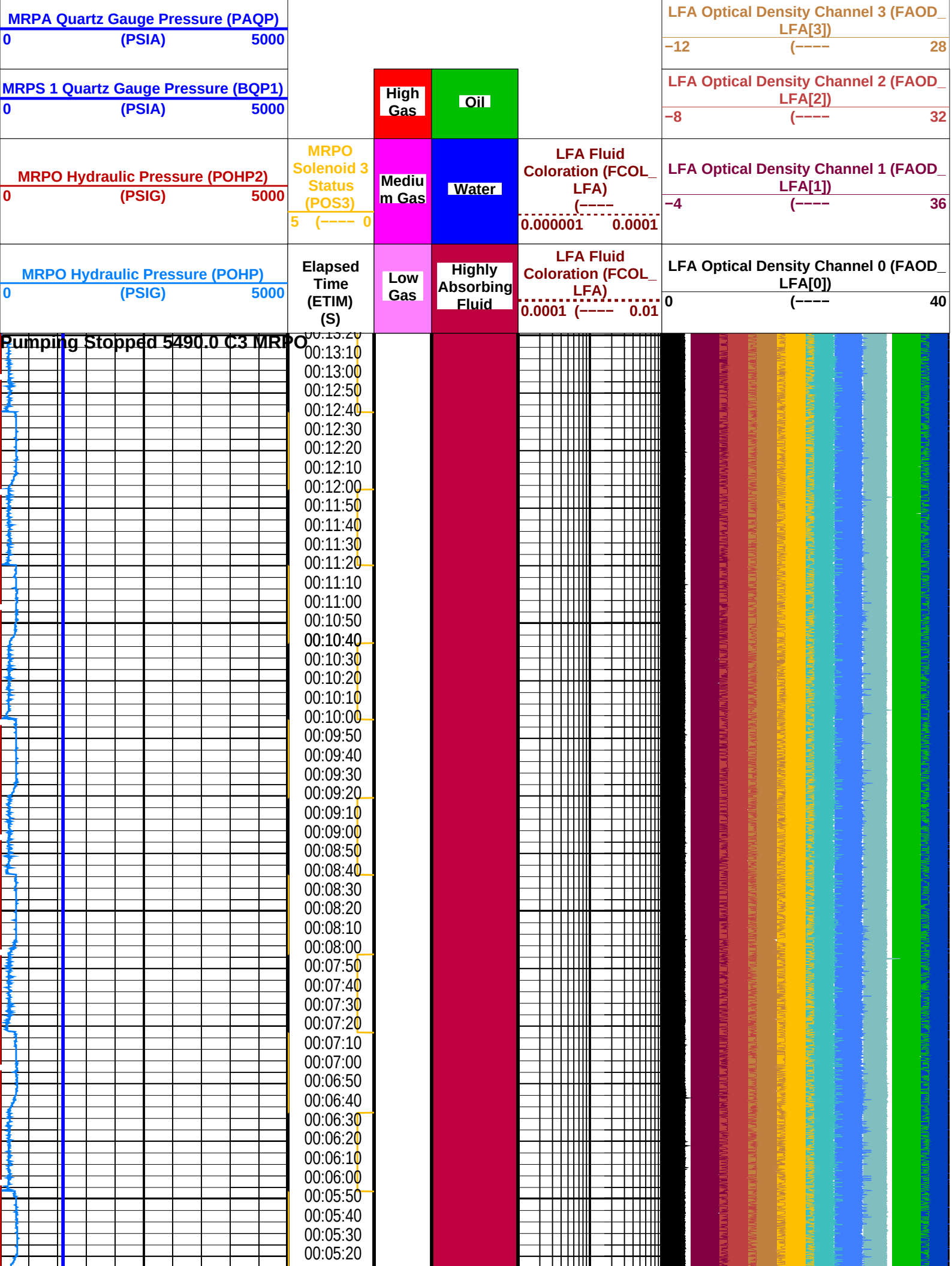
LFA Optical Density Channel 7 (FAOD_LFA[7])
−28 (−−−− 12

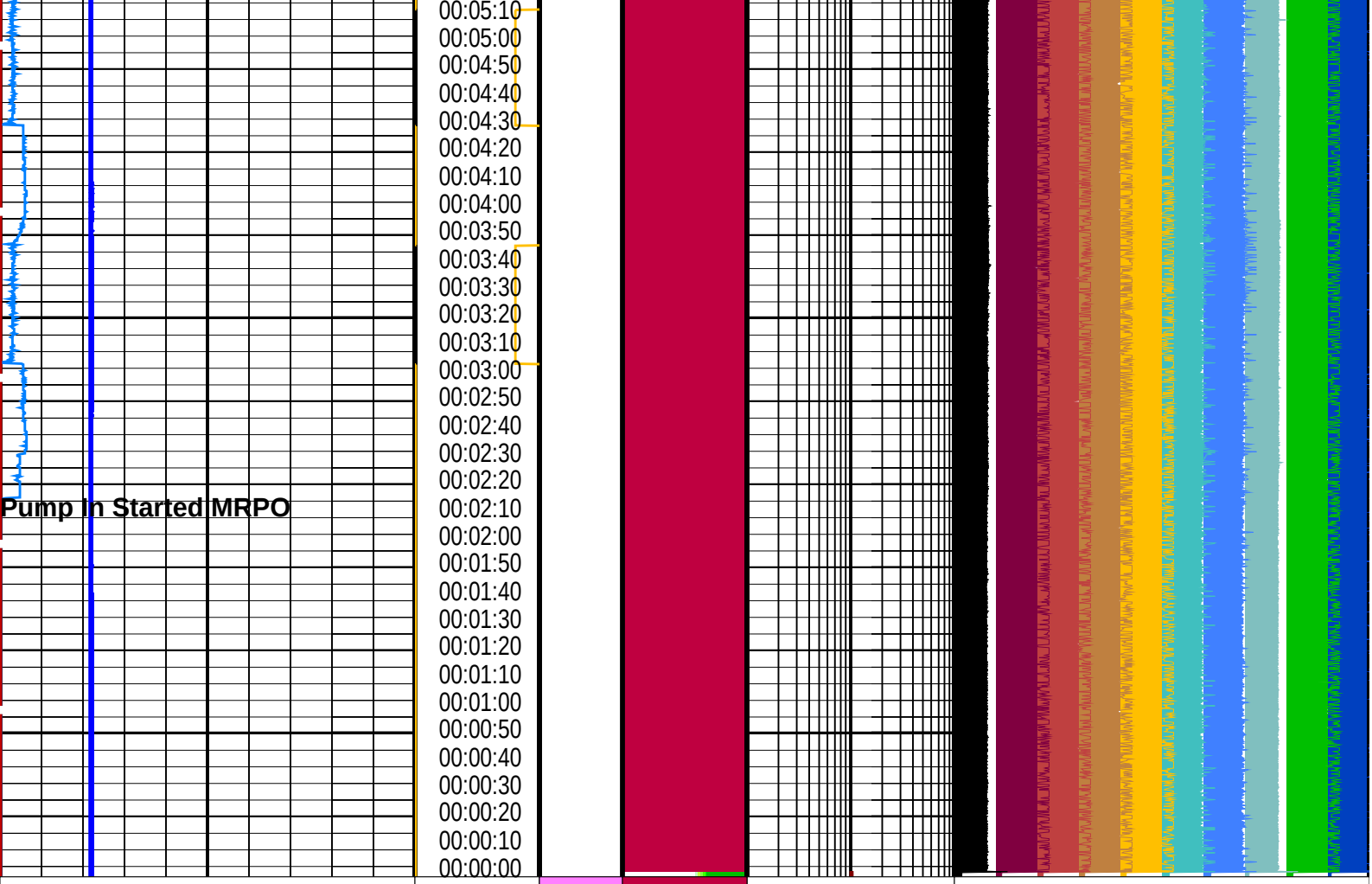
LFA Optical Density Channel 6 (FAOD_LFA[6])
−24 (−−−− 16

LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (−−−− 20

MRPS 1 Flowline Fluid Resistivity (BFR1)
0 (OHMM) 2

LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (−−−− 24


MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 5000
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000
MRPO Hydraulic Pressure (POHP2)
0 (PSIG) 5000
MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000
MRPO Solenoid 3 Status (POS3)
5 (---- 0
Elapsed Time (ETIM) (S)
High Gas
Oil
Medium Gas
Water
Low Gas
Highly Absorbing Fluid
LFA Fluid Coloration (FCOL_LFA)
(----
0.000001 0.0001
LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01
LFA Optical Density Channel 3 (FAOD_LFA[3])
-12 (---- 28
LFA Optical Density Channel 2 (FAOD_LFA[2])
-8 (---- 32
LFA Optical Density Channel 1 (FAOD_LFA[1])
-4 (---- 36
LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40
Pumping Stopped 5490.0 C3 MRPO
00:13:10
00:13:00
00:12:50
00:12:40
00:12:30
00:12:20
00:12:10
00:12:00
00:11:50
00:11:40
00:11:30
00:11:20
00:11:10
00:11:00
00:10:50
00:10:40
00:10:30
00:10:20
00:10:10
00:10:00
00:09:50
00:09:40
00:09:30
00:09:20
00:09:10
00:09:00
00:08:50
00:08:40
00:08:30
00:08:20
00:08:10
00:08:00
00:07:50
00:07:40
00:07:30
00:07:20
00:07:10
00:07:00
00:06:50
00:06:40
00:06:30
00:06:20
00:06:10
00:06:00
00:05:50
00:05:40
00:05:30
00:05:20



MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000

MRPO Hydraulic Pressure (POHP2)
0 (PSIG) 5000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000

MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 5000

MRPS 1 Flowline Fluid Resistivity (BFR1)
0 (OHMM) 2

Elapsed Time (ETIM) (S)

MRPO Solenoid 3 Status (POS3)
5 (---- 0

Low Gas

Medium Gas

High Gas

Highly Absorbing Fluid

Water

Oil

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Fluid Coloration (FCOL_LFA) (----
0.000001 0.0001

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

LFA Optical Density Channel 1 (FAOD_LFA[1])
−4 (---- 36

LFA Optical Density Channel 2 (FAOD_LFA[2])
−8 (---- 32

LFA Optical Density Channel 3 (FAOD_LFA[3])
−12 (---- 28

LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (---- 24

LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (---- 20

LFA Optical Density Channel 6 (FAOD_LFA[6])
−24 (---- 16

LFA Optical Density Channel 7 (FAOD_LFA[7])
−28 (---- 12

LFA Optical Density Channel 8 (FAOD_LFA[8])

−32	(−−−−	8

LFA Optical Density Channel 9 (FAOD_LFA[9])

−36	(−−−−	4

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
CEXP_LFA	LFA Coloration Exponent	4.6	
DCDW_LFA	LFA Decolor and Dewater Allow/Disallow for Gas Oil Ratio	ALLOW	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
ODTMP_LFA	LFA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: LFA Vertical Scale: 1" per 60S Graphics File Created: 16−Feb−2007 12:45

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_091LTP	FN:102	PRODUCER	16−Feb−2007 12:45		

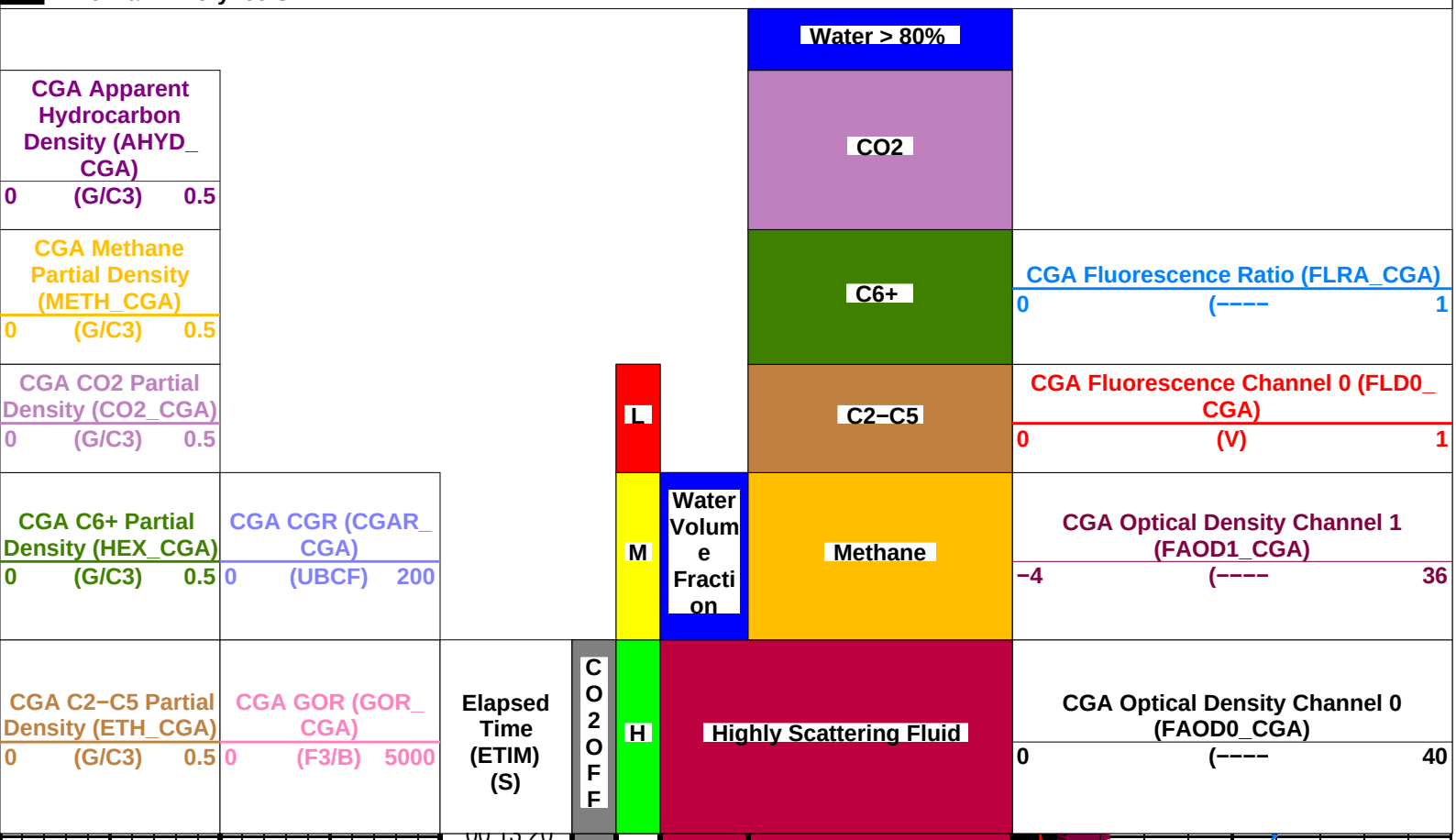
Output DLIS Files

DEFAULT	MDT_OFA_091LTP	FN:102	PRODUCER	16−Feb−2007 12:45	2130.0 FT	6.7 FT

Elapsed Time (s)	Event Summary
798.9	Pumping Stopped 5490.0 C3 Dual Pumpout Module (MRPO)
133.8	Pump In Started Dual Pumpout Module (MRPO)

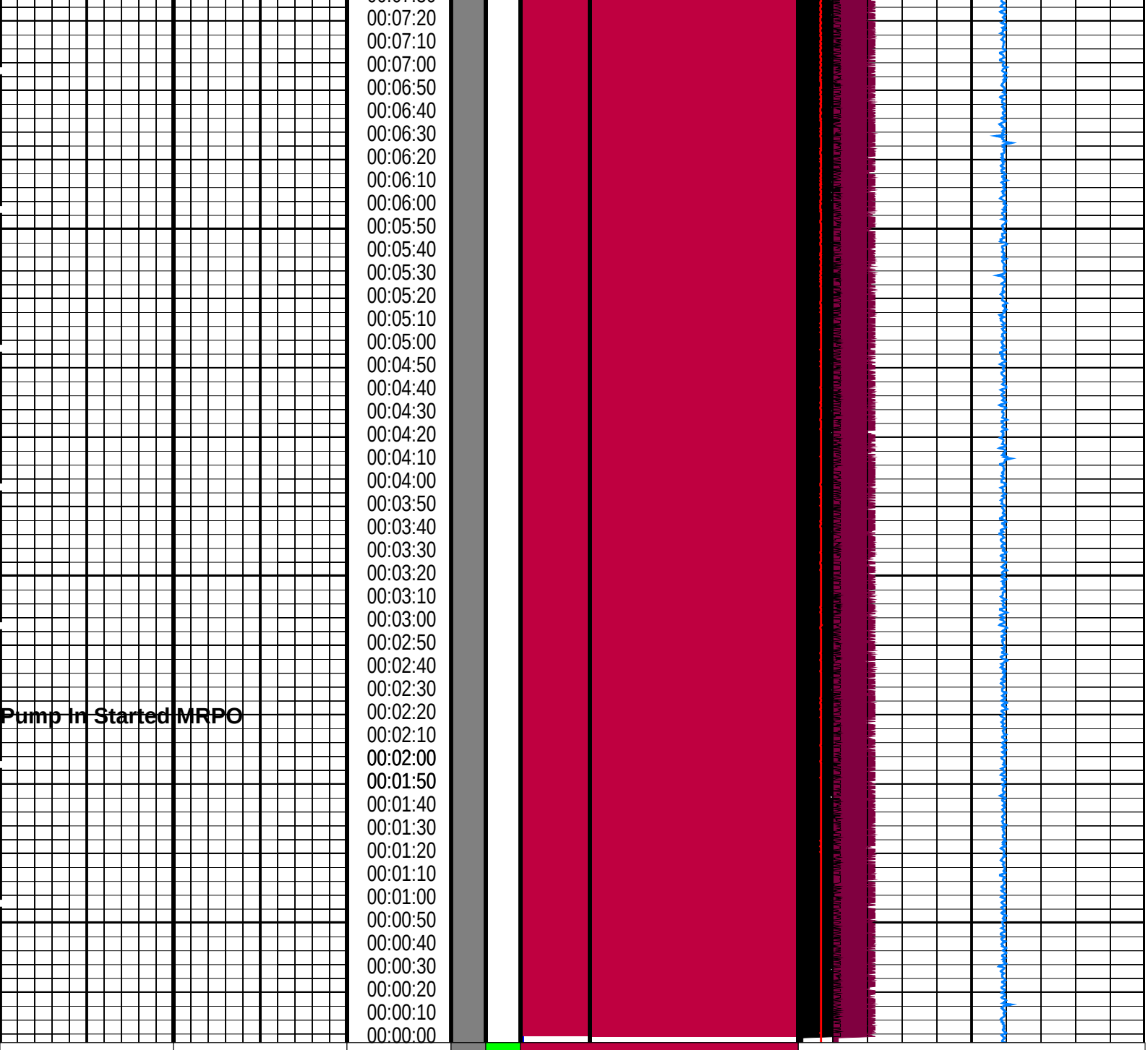
PIP SUMMARY

Time Mark Every 60 S



Elapsed Time (ETIM) (S)

00:13:10
00:13:00
00:12:50
00:12:40
00:12:30
00:12:20
00:12:10
00:12:00
00:11:50
00:11:40
00:11:30
00:11:20
00:11:10
00:11:00
00:10:50
00:10:40
00:10:30
00:10:20
00:10:10
00:10:00
00:09:50
00:09:40
00:09:30
00:09:20
00:09:10
00:09:00
00:08:50
00:08:40
00:08:30
00:08:20
00:08:10
00:08:00
00:07:50
00:07:40
00:07:30



CGA C2−C5 Partial Density (ETH_CGA)
0 (G/C3) 0.5

CGA GOR (GOR_CGA)
0 (F3/B) 5000

Elapsed Time (ETIM) (S)

CO2OFF

H

Highly Scattering Fluid

CGA Optical Density Channel 0 (FAOD0_CGA)
0 (−−−− 40

CGA C6+ Partial Density (HEX_CGA)
0 (G/C3) 0.5

CGA CGR (CGAR_CGA)
0 (UBCF) 200

M

Water Volume Fraction

Methane

CGA Optical Density Channel 1 (FAOD1_CGA)
−4 (−−−− 36

CGA CO2 Partial Density (CO2_CGA)
0 (G/C3) 0.5

L

C2−C5

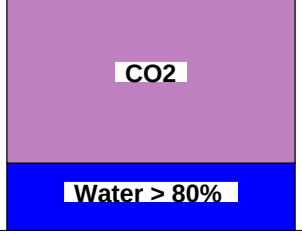
CGA Fluorescence Channel 0 (FLD0_CGA)
0 (V) 1

CGA Methane Partial Density (METH_CGA)
0 (G/C3) 0.5

C6+

CGA Fluorescence Ratio (FLRA_CGA)
0 (−−−− 1

CGA Apparent Hydrocarbon Density (AHYD_CGA)		
0	(G/C3)	0.5



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	CGA: Condensate & Gas Analyzer		
FA2M_CGA	CGA CO2 Allow/Disallow Mode	ALLOW	
FADM_CGA	CGA Dew Detection Allow/Disallow Mode	ALLOW	
FAGM_CGA	CGA GOR Allow/Disallow Mode	ALLOW	
FAODW_CGA	CGA Water Absorption Spectra	** V **	
FAPC_CGA	CGA Path Correction Coefficient	1.0474	
FAPM_CGA	CGA Composition Allow/Disallow Mode	ALLOW	
FATCM_CGA	CGA Temp. Coef. Measure Mode	** V **	
FATCS_CGA	CGA Temp. Coef. Source Mode	** V **	
HAPI_CGA	CGA Hydrocarbon API	35	DAPI
MFGCAL_STATUS_CGA	CGA Manufacturing Calibration Coefficient Status	VALID	
ODTMP_CGA	CGA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
TCPS_STATUS_CGA	CGA Temperature Compensation Coefficient Status	VALID	
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: CGA_Station Vertical Scale: 1" per 60S Graphics File Created: 16−Feb−2007 12:45

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_091LTP	FN:102	PRODUCER	16−Feb−2007 12:45		

Output DLIS Files

DEFAULT	MDT_OFA_091LTP	FN:102	PRODUCER	16−Feb−2007 12:45	2130.0 FT	6.7 FT

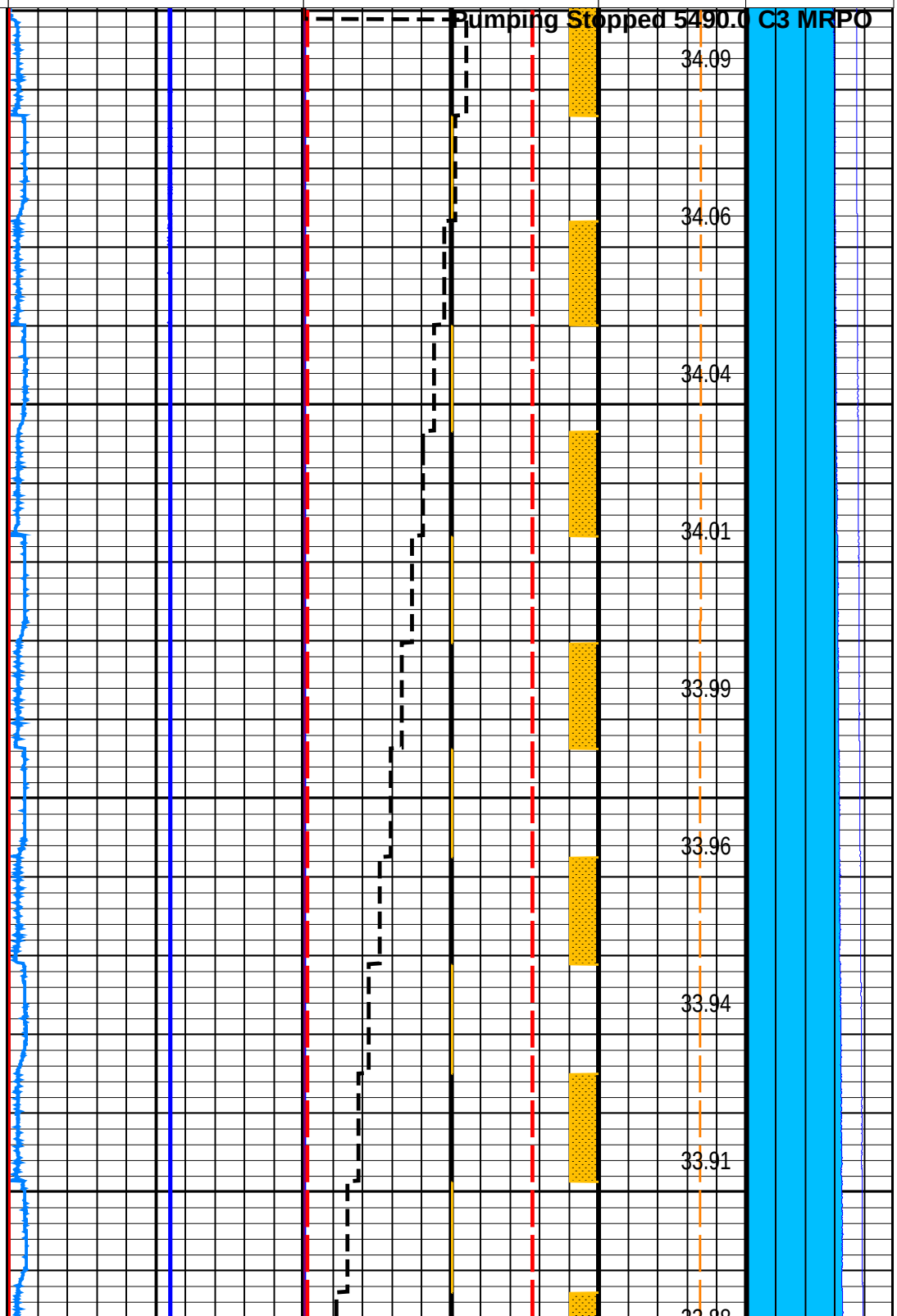
Elapsed Time (s)	Event Summary
798.9	Pumping Stopped 5490.0 C3 Dual Pumpout Module (MRPO)
133.8	Pump In Started Dual Pumpout Module (MRPO)

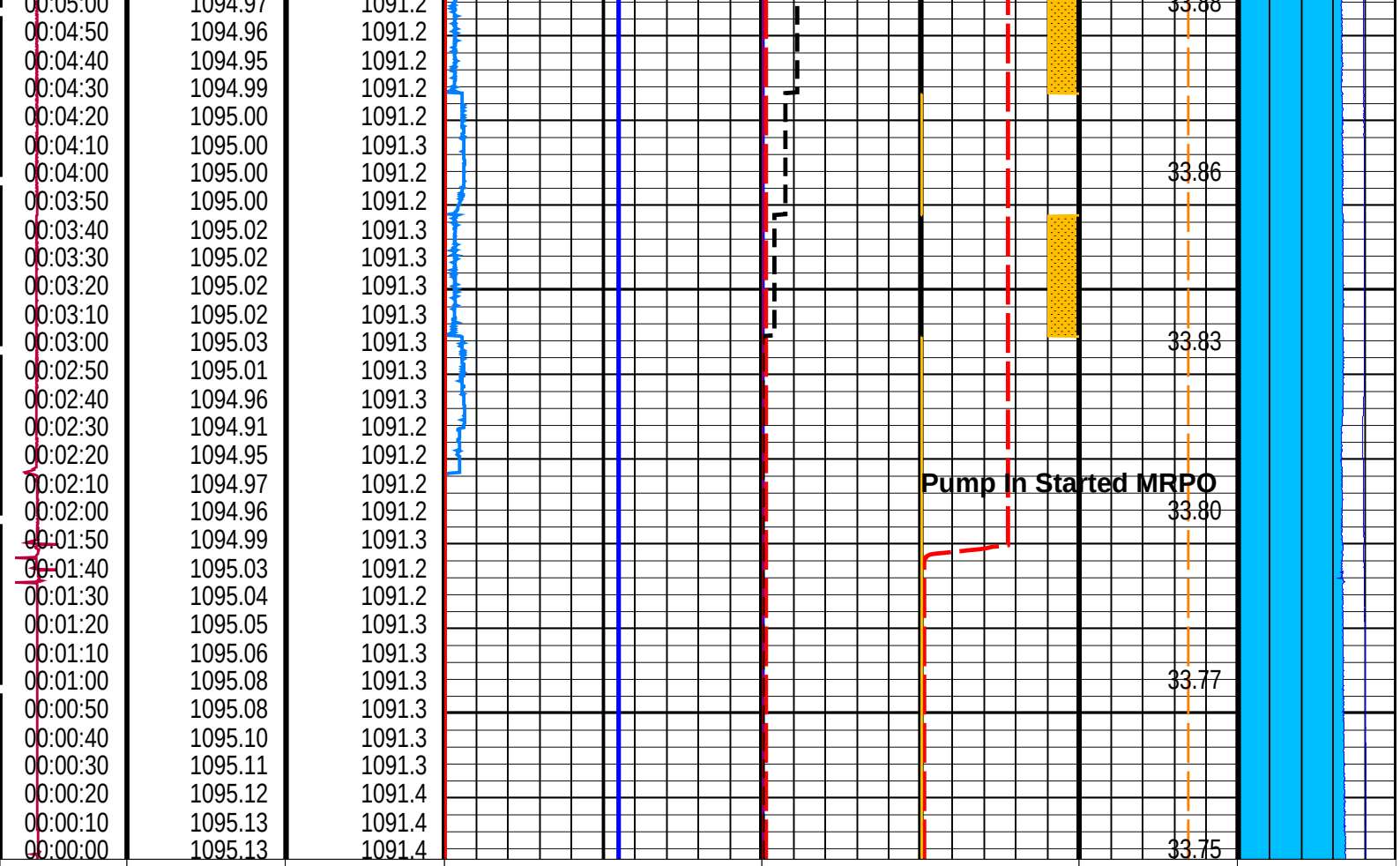
PIP SUMMARY

Time Mark Every 60 S

	MRPA Quartz Pressure (PAQP)	MRPA Auto deflate status	MRPO Solenoid 3

			0 (PSIA) 2000	(PAAD) 0 (----- 5	Status (POS3) 5 (----- 0				
			MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000		MRPO Pump Volume (POPV) 0 (C3) 10000				
MRPC 50 V Supply (50V) 30 (V) 100			MRPA SG Pressure (PASG) 0 (PSIA) 2000	MRPA Interval Valve Position (PAVP) −5 (----- 250	MRPA Inflate Valve Position (PAFP) −5 (----- 250	MRPA Quartz Temperature (PAQT) (DEGF)	MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10		
Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)	MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000		MRPA Quartz Temperature (PAQT) (DEGF) 100 150	MRPA SG One's (PSGU) 0 (----- 10		
00:13:20	1094.52	1090.6							
00:13:10	1094.52	1090.6							
00:13:00	1094.52	1090.6							
00:12:50	1094.52	1090.6							
00:12:40	1094.54	1090.7							
00:12:30	1094.55	1090.6							
00:12:20	1094.55	1090.7							
00:12:10	1094.54	1090.6							
00:12:00	1094.57	1090.7							
00:11:50	1094.58	1090.7							
00:11:40	1094.59	1090.7							
00:11:30	1094.59	1090.7							
00:11:20	1094.60	1090.7							
00:11:10	1094.61	1090.7							
00:11:00	1094.61	1090.8							
00:10:50	1094.61	1090.7							
00:10:40	1094.63	1090.7							
00:10:30	1094.64	1090.8							
00:10:20	1094.64	1090.8							
00:10:10	1094.64	1090.8							
00:10:00	1094.66	1090.8							
00:09:50	1094.67	1090.9							
00:09:40	1094.68	1090.9							
00:09:30	1094.69	1090.9							
00:09:20	1094.70	1090.9							
00:09:10	1094.71	1090.9							
00:09:00	1094.71	1090.9							
00:08:50	1094.71	1090.9							
00:08:40	1094.74	1090.9							
00:08:30	1094.74	1090.9							
00:08:20	1094.75	1091.0							
00:08:10	1094.76	1091.0							
00:08:00	1094.77	1090.9							
00:07:50	1094.79	1091.0							
00:07:40	1094.79	1091.0							
00:07:30	1094.78	1091.0							
00:07:20	1094.82	1091.0							
00:07:10	1094.83	1091.0							
00:07:00	1094.84	1091.0							
00:06:50	1094.84	1091.1							
00:06:40	1094.85	1091.1							
00:06:30	1094.87	1091.1							
00:06:20	1094.88	1091.1							
00:06:10	1094.88	1091.1							
00:06:00	1094.89	1091.1							
00:05:50	1094.91	1091.1							
00:05:40	1094.92	1091.2							
00:05:30	1094.91	1091.1							
00:05:20	1094.91	1091.1							
00:05:10	1094.95	1091.2							





Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)	MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000	MRPA Quartz Temperature (PAQT) (DEGF) 100 150	MRPA SG One's (PSGU) 0 (---- 10
MRPC 50 V Supply (50V) 30 (V) 100			MRPA SG Pressure (PASG) 0 (PSIA) 2000	MRPA Interval Valve Position (PAVP) −5 (---- 250	MRPA Inflate Valve Position (PAFP) −5 (---- 250	MRPA Quartz Temperature (PAQT) (DEGF)	MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10
			MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Pump Volume (POPV) 0 (C3) 10000		
			MRPA Quartz Pressure (PAQP) 0 (PSIA) 2000	MRPA Auto deflate status (PAAD) 0 (---- 5	MRPO Solenoid 3 Status (POS3) 5 (---- 0	

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT

PDCO	Probe Depth Correction Offset	0	FT

MRPC: Power Cartridge

PDCO	Probe Depth Correction Offset	0	FT

Format: PACKER Vertical Scale: 1" per 60S Graphics File Created: 16−Feb−2007 12:45

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_091LTP	FN:102	PRODUCER	16−Feb−2007 12:45	

Schlumberger

DEPTH 2130

MAXIS Field Log

Output DLIS Files

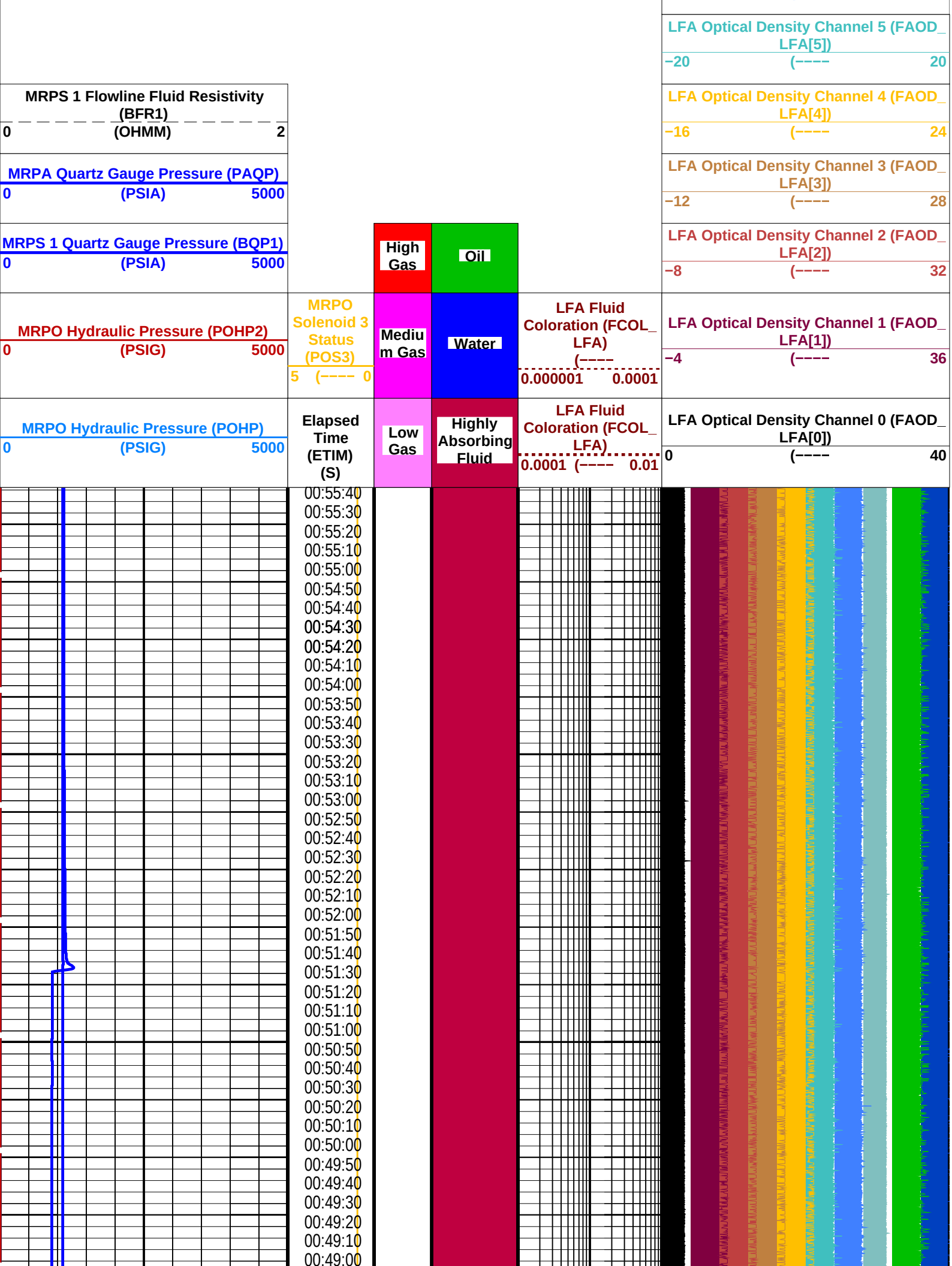
DEFAULT	MDT_OFA_092LTP	FN:103	PRODUCER	16−Feb−2007 13:00	2130.0 FT	27.9 FT

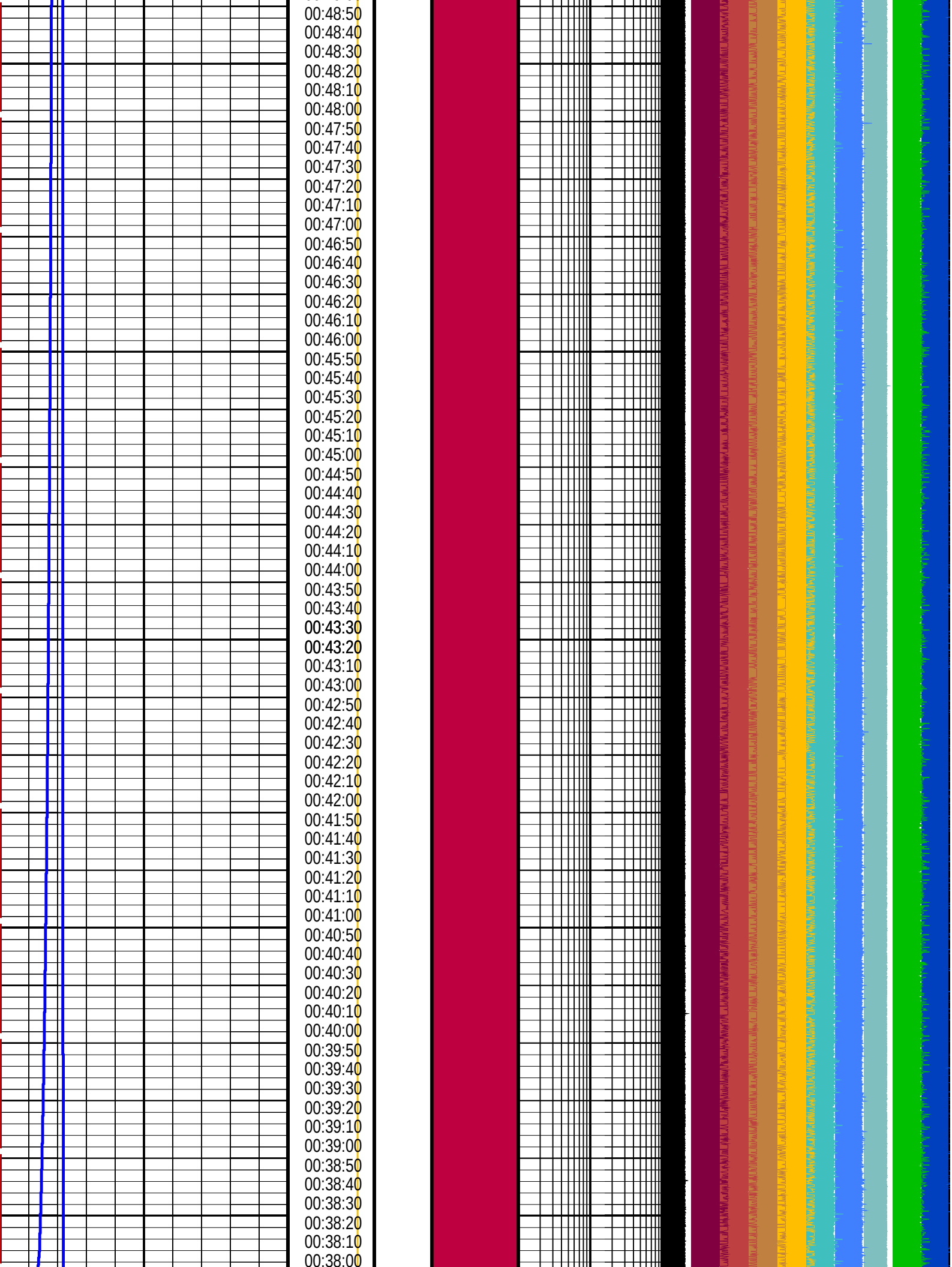
Elapsed Time (s)	Event Summary
2265.0	Pumping Stopped 732.0 C3 Dual Pumpout Module (MRPO)
2169.3	Pump Out Started Dual Pumpout Module (MRPO)
2046.9	Pumping Stopped 18666.0 C3 Dual Pumpout Module (MRPO)
4.2	Pump In Started Dual Pumpout Module (MRPO)

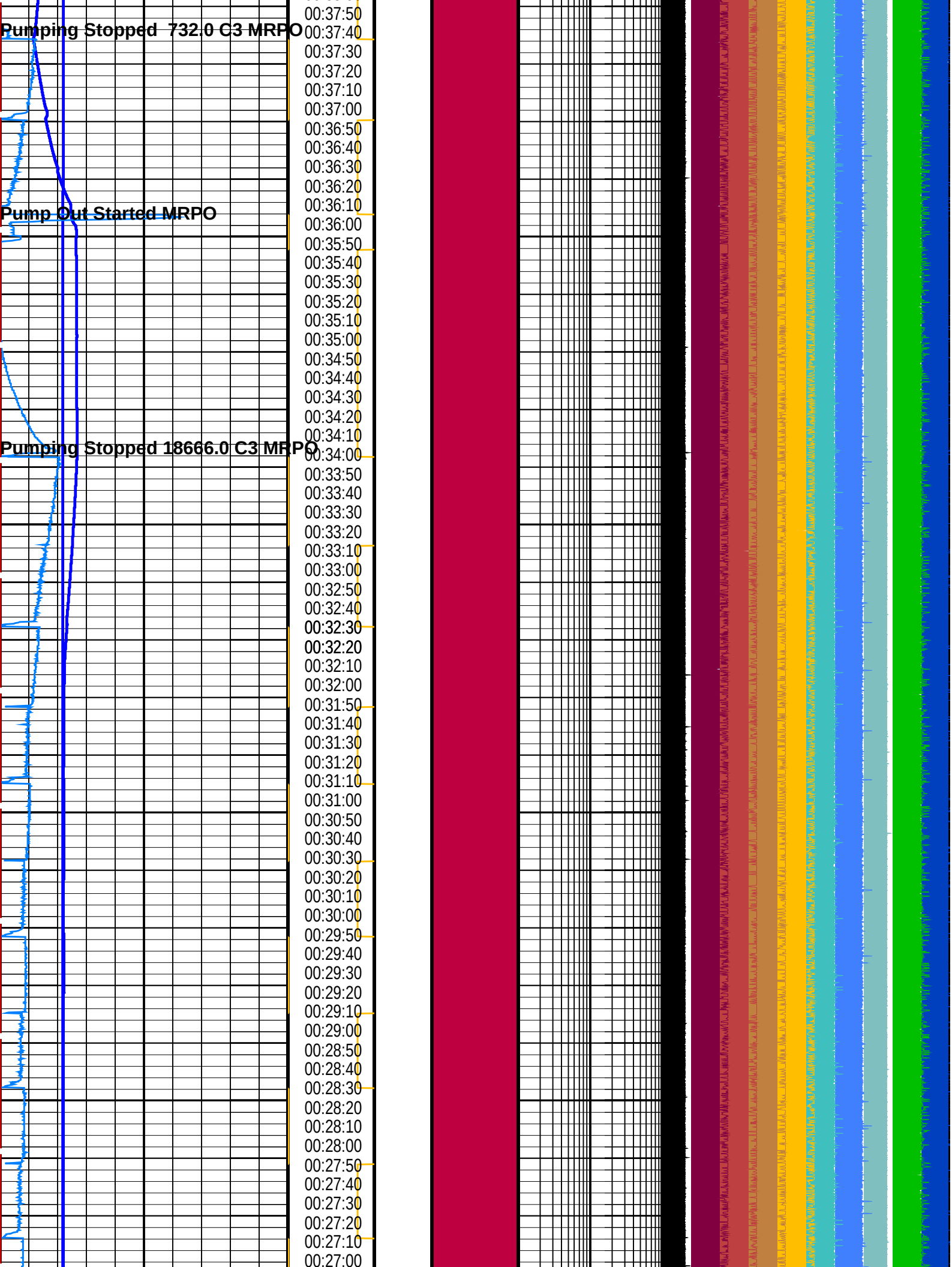
PIP SUMMARY

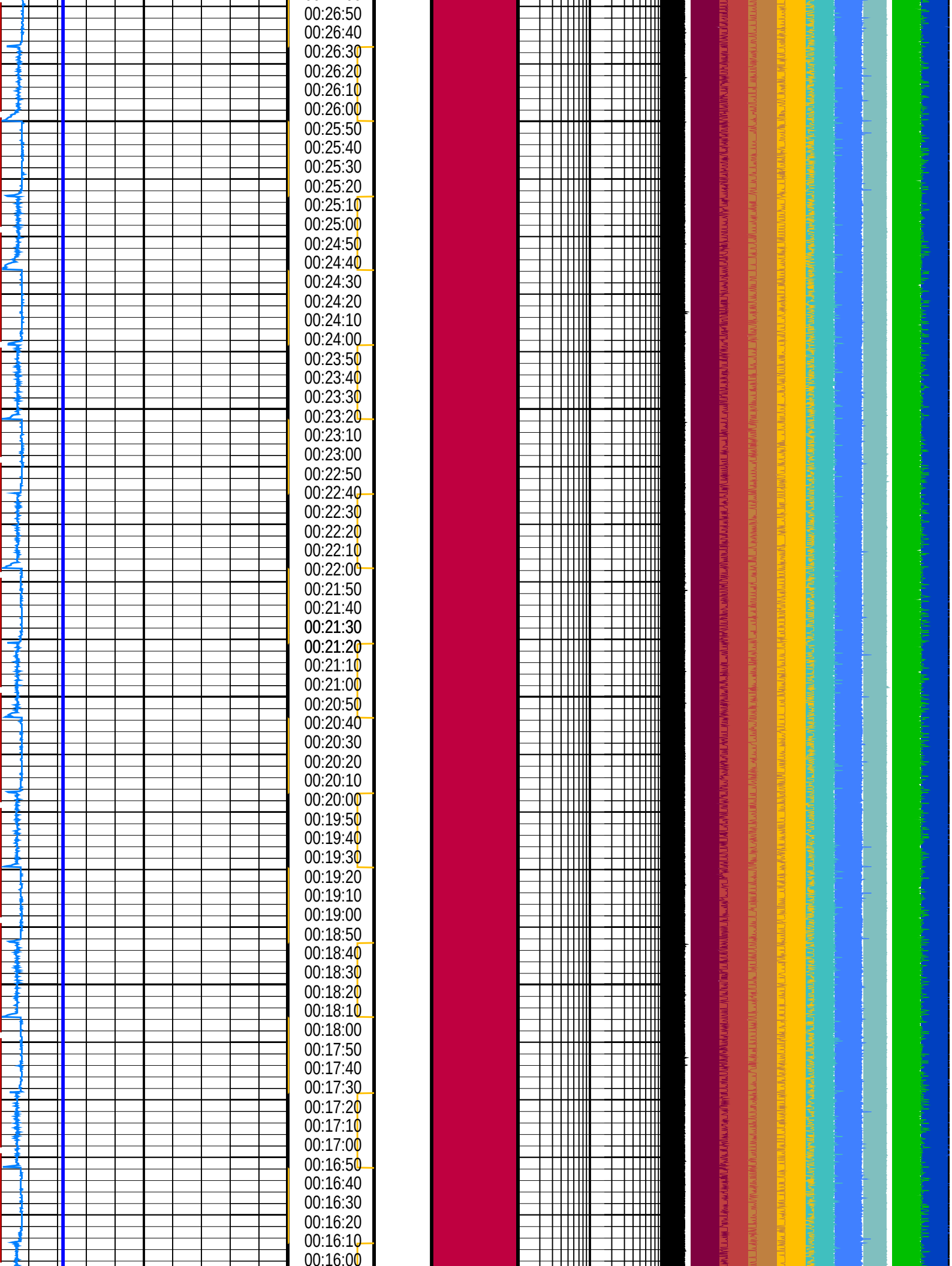
Time Mark Every 60 S

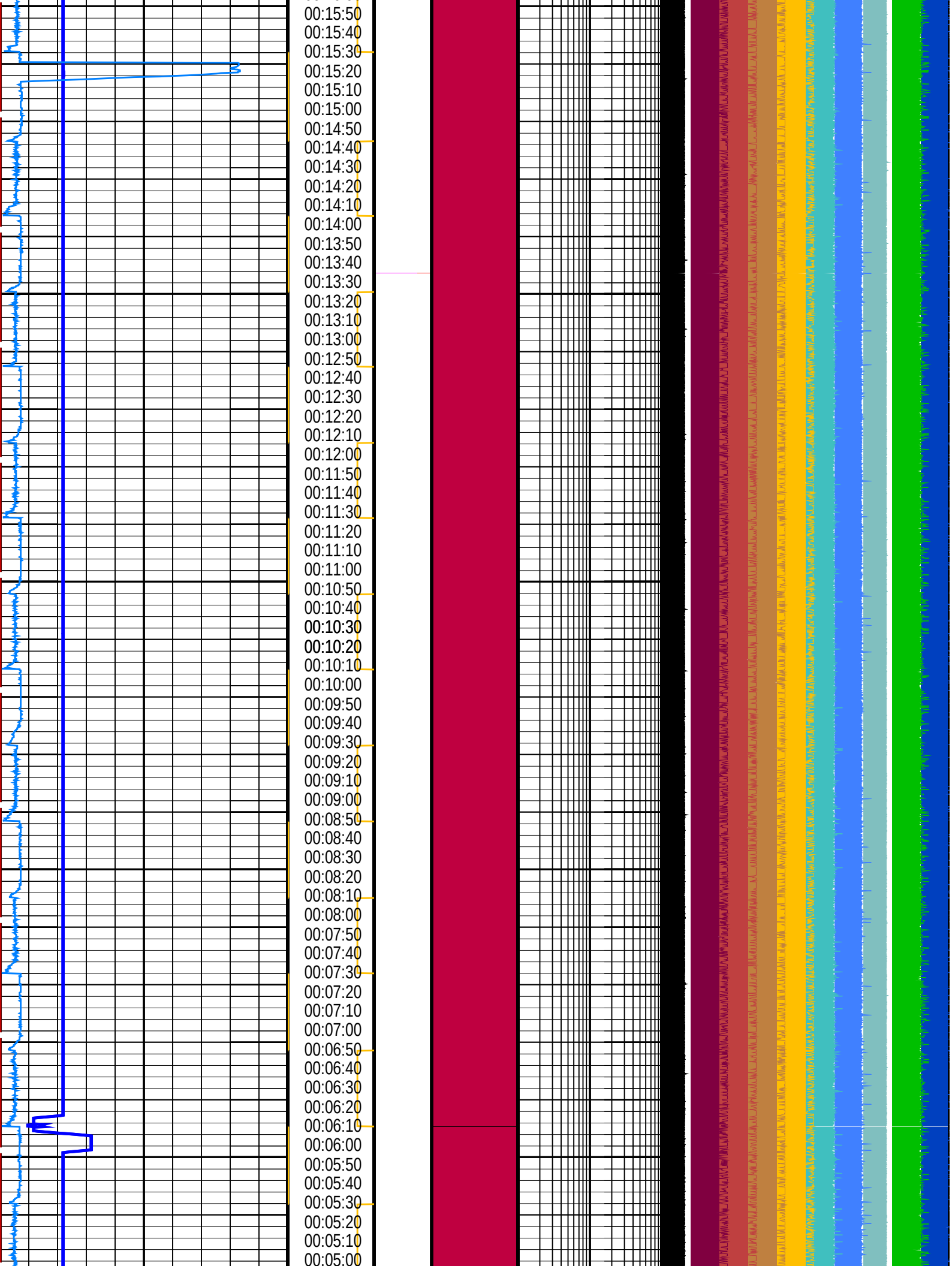
LFA Optical Density Channel 9 (FAOD_LFA[9])		
−36	(−−−−	4
LFA Optical Density Channel 8 (FAOD_LFA[8])		
−32	(−−−−	8
LFA Optical Density Channel 7 (FAOD_LFA[7])		
−28	(−−−−	12
LFA Optical Density Channel 6 (FAOD_LFA[6])		
−24	(−−−−	16

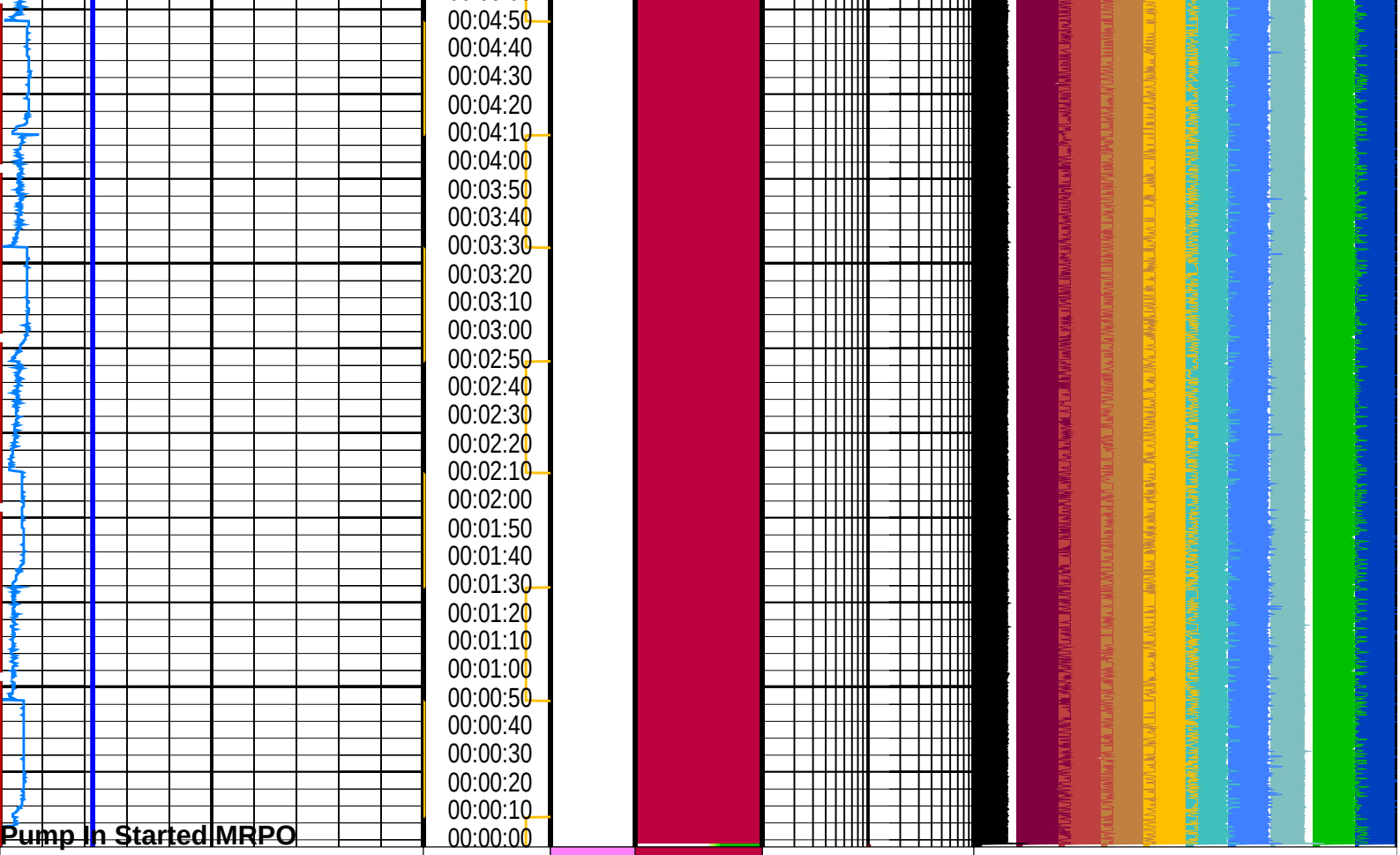

MRPS 1 Flowline Fluid Resistivity (BFR1)
0 (OHMM) 2
MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 5000
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000
MRPO Hydraulic Pressure (POHP2)
0 (PSIG) 5000
MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000
MRPO Solenoid 3 Status (POS3)
5 (---- 0
Elapsed Time (ETIM) (S)
High Gas
Oil
Mediu m Gas
Water
Low Gas
Highly Absorbing Fluid
LFA Fluid Coloration (FCOL_ LFA) (----
0.000001 0.0001
LFA Fluid Coloration (FCOL_ LFA)
0.0001 (---- 0.01
LFA Optical Density Channel 5 (FAOD_ LFA[5])
−20 (---- 20
LFA Optical Density Channel 4 (FAOD_ LFA[4])
−16 (---- 24
LFA Optical Density Channel 3 (FAOD_ LFA[3])
−12 (---- 28
LFA Optical Density Channel 2 (FAOD_ LFA[2])
−8 (---- 32
LFA Optical Density Channel 1 (FAOD_ LFA[1])
−4 (---- 36
LFA Optical Density Channel 0 (FAOD_ LFA[0])
0 (---- 40
00:55:40
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Pumping Stopped 732.0 C3 MRPO
Pump Out Started MRPO
Pumping Stopped 18666.0 C3 MRPO
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Pump In Started MRPO

MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000

MRPO Hydraulic Pressure (POHP2)
0 (PSIG) 5000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000

MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 5000

MRPS 1 Flowline Fluid Resistivity (BFR1)
0 (OHMM) 2

Elapsed Time (ETIM) (S)

MRPO Solenoid 3 Status (POS3)
5 (---- 0

Low Gas

Medium Gas

High Gas

Highly Absorbing Fluid

Water

Oil

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Fluid Coloration (FCOL_LFA) (----
0.000001 0.0001

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

LFA Optical Density Channel 1 (FAOD_LFA[1])
−4 (---- 36

LFA Optical Density Channel 2 (FAOD_LFA[2])
−8 (---- 32

LFA Optical Density Channel 3 (FAOD_LFA[3])
−12 (---- 28

LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (---- 24

LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (---- 20

LFA Optical Density Channel 6 (FAOD_LFA[6])
−24 (---- 16

LFA Optical Density Channel 7 (FAOD_LFA[7])
−28 (---- 12

LFA Optical Density Channel 8 (FAOD_LFA[8])
−32 (---- 8

LFA Optical Density Channel 9 (FAOD_LFA[9])		
−36	(−−−−	4

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
CEXP_LFA	LFA Coloration Exponent	4.6	
DCDW_LFA	LFA Decolor and Dewater Allow/Disallow for Gas Oil Ratio	ALLOW	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
ODTMP_LFA	LFA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: LFA Vertical Scale: 1" per 60S Graphics File Created: 16−Feb−2007 13:00

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_092LTP	FN:103	PRODUCER	16−Feb−2007 13:00		

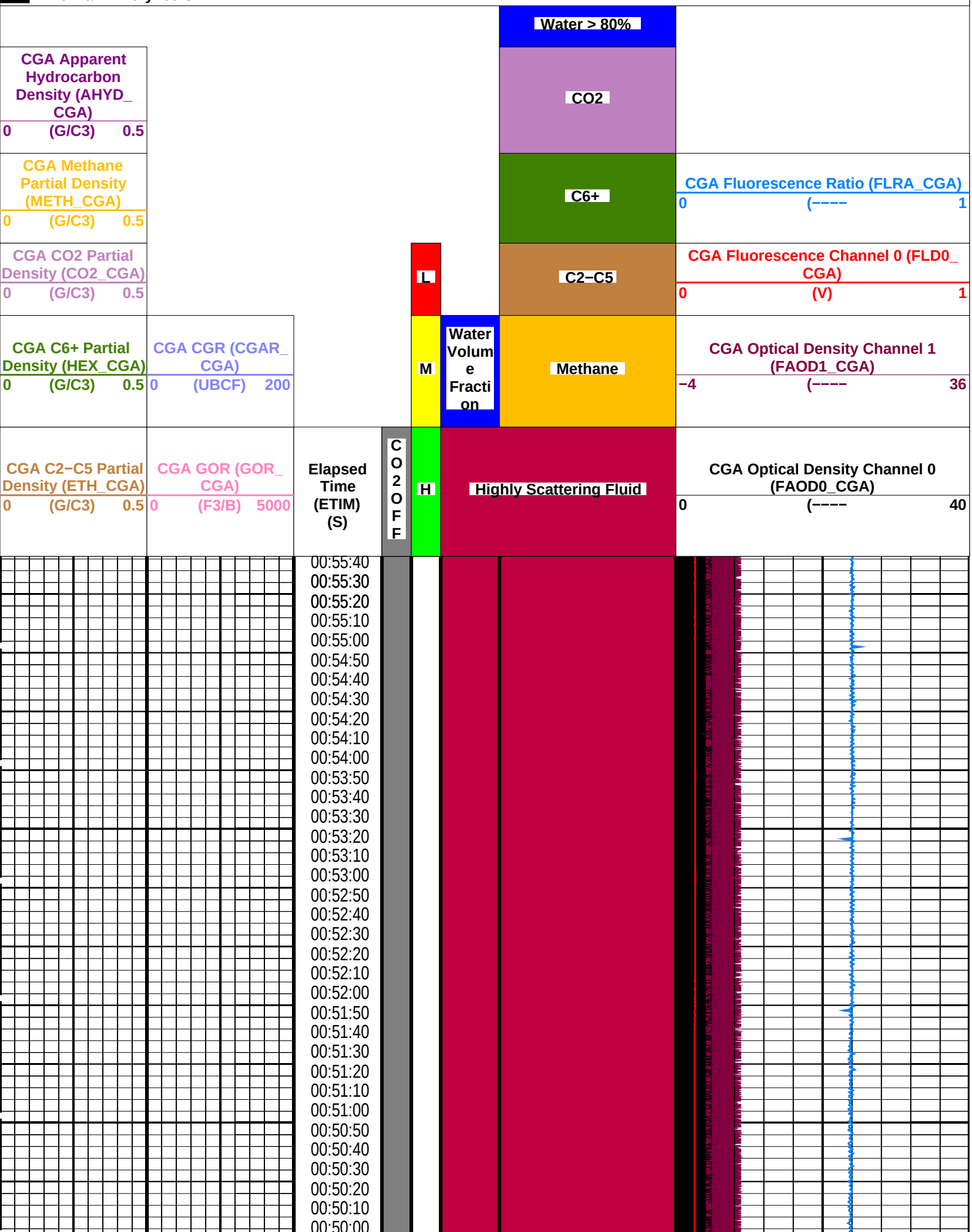
Output DLIS Files

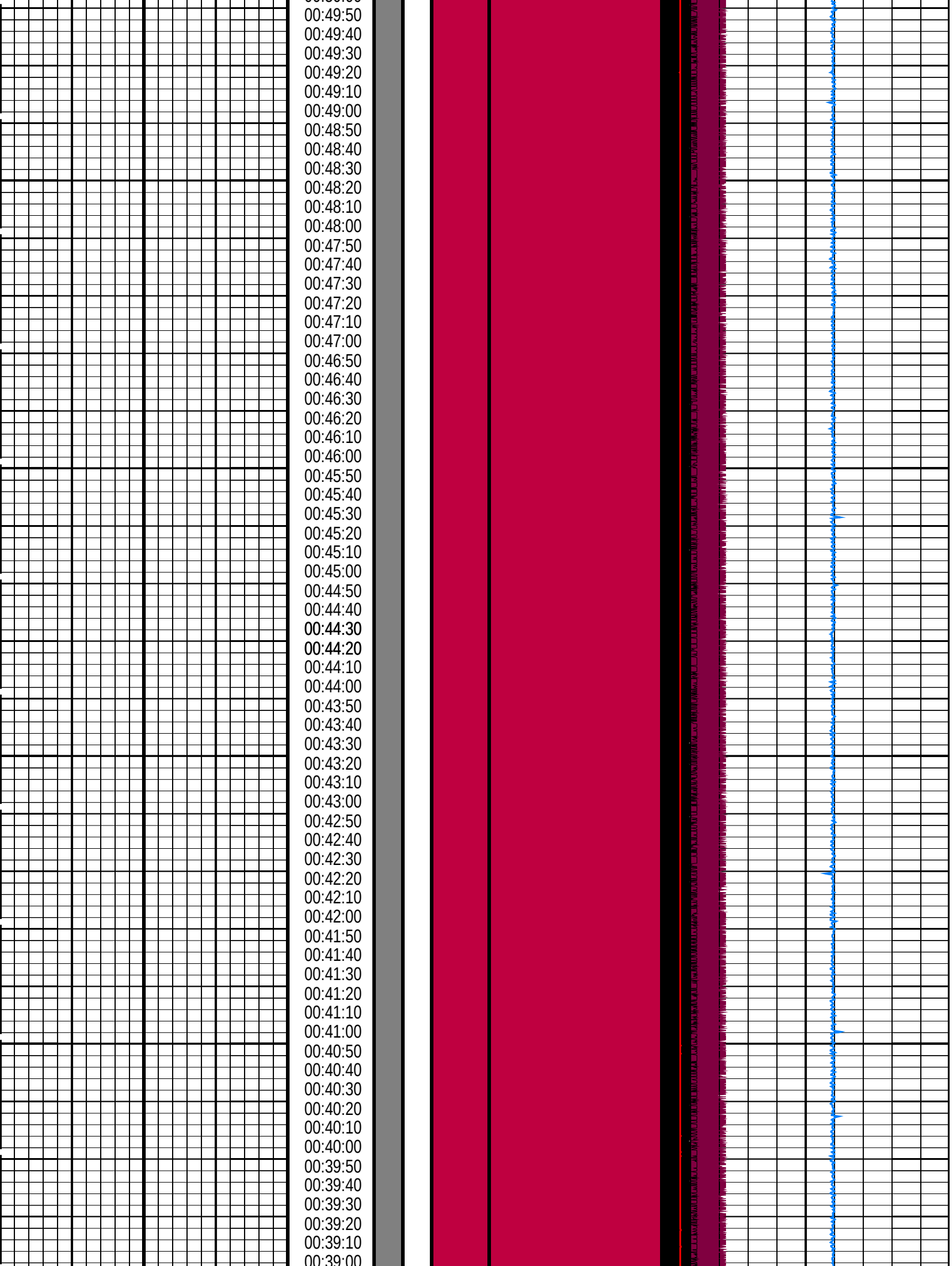
DEFAULT	MDT_OFA_092LTP	FN:103	PRODUCER	16−Feb−2007 13:00	2130.0 FT	27.9 FT

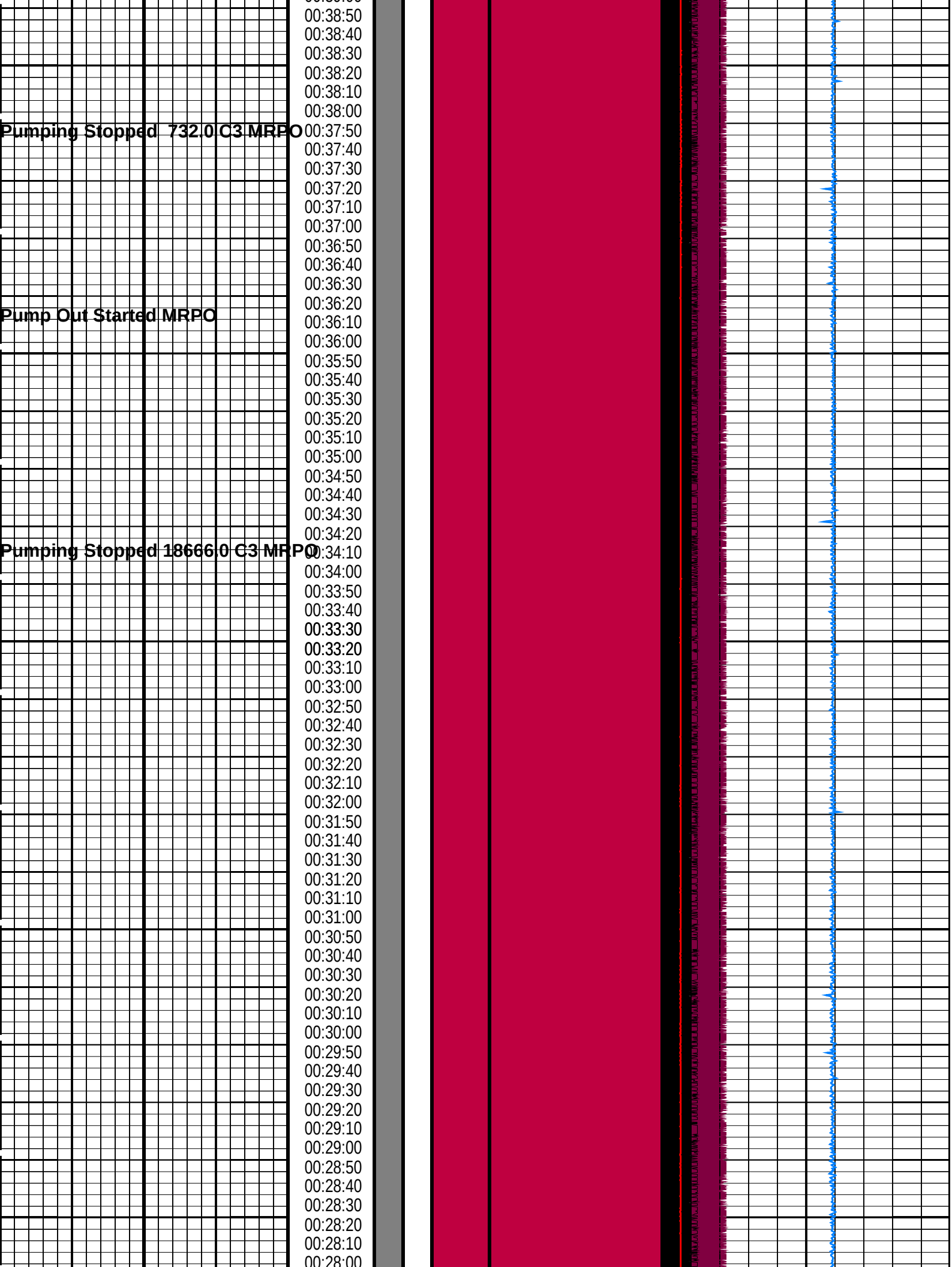
Elapsed Time (s)	Event Summary
2265.0	Pumping Stopped 732.0 C3 Dual Pumpout Module (MRPO)
2169.3	Pump Out Started Dual Pumpout Module (MRPO)
2046.9	Pumping Stopped 18666.0 C3 Dual Pumpout Module (MRPO)
4.2	Pump In Started Dual Pumpout Module (MRPO)

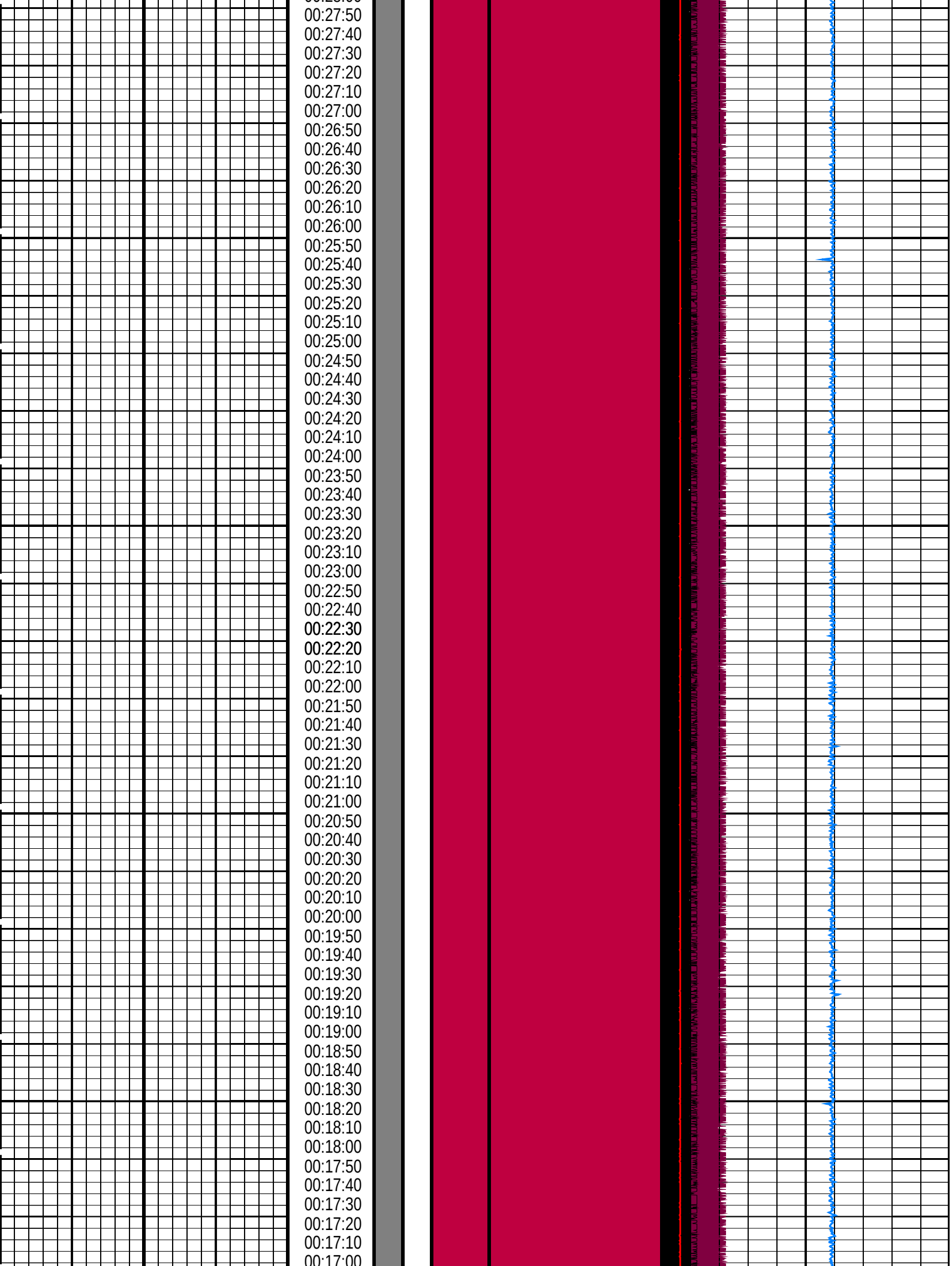
PIP SUMMARY

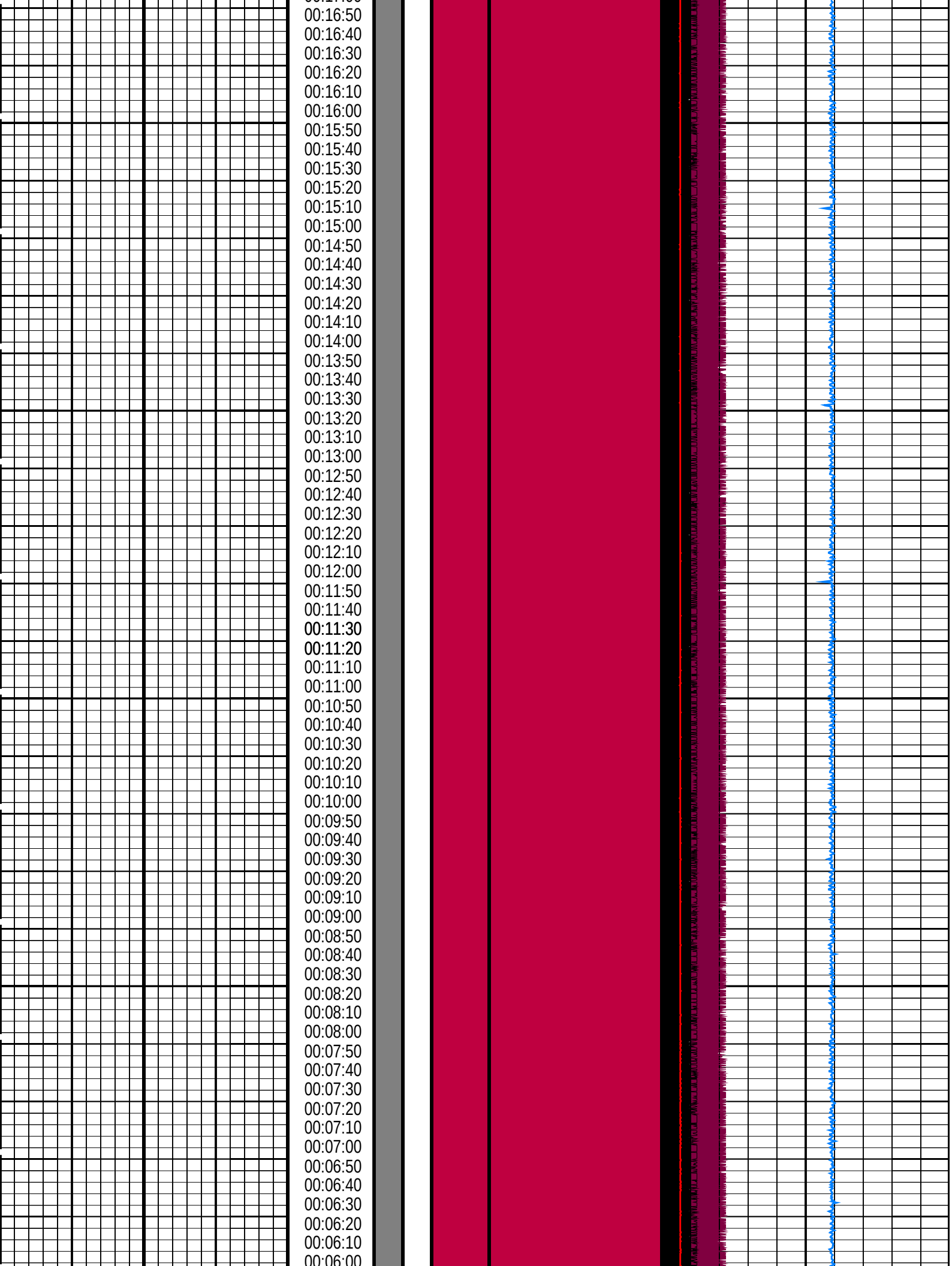
Time Mark Every 60 S

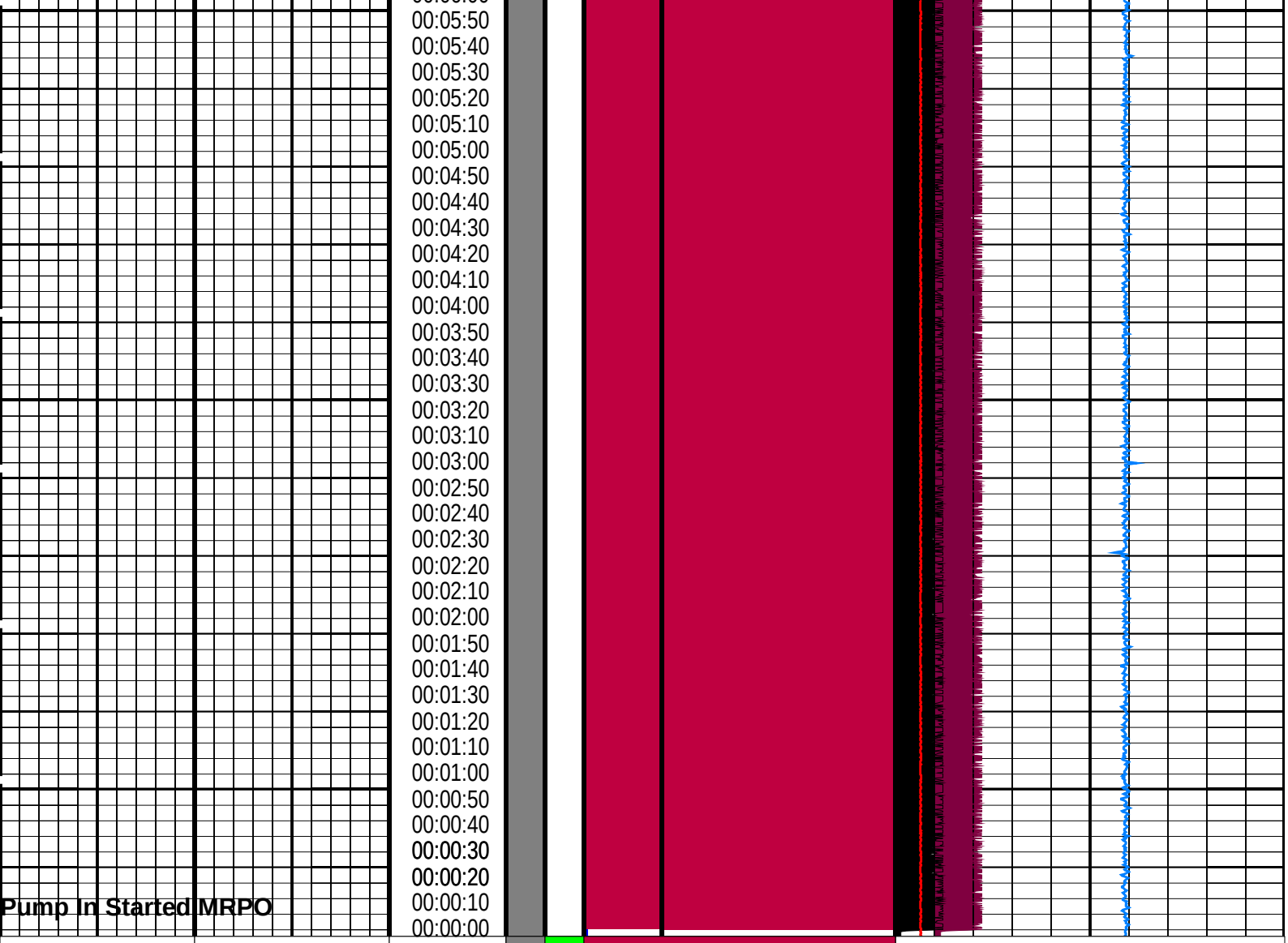



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Pumping Stopped 732.0 C3 MRPO
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Pump Out Started MRPO
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Pumping Stopped 18666.0 C3 MRPO
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00:06:50
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00:06:00



CGA C2−C5 Partial Density (ETH_CGA)
0 (G/C3) 0.5

CGA GOR (GOR_CGA)
0 (F3/B) 5000

Elapsed Time (ETIM) (S)

CO2OFF

H

Highly Scattering Fluid

CGA Optical Density Channel 0 (FAOD0_CGA)
0 (−−−− 40

CGA C6+ Partial Density (HEX_CGA)
0 (G/C3) 0.5

CGA CGR (CGAR_CGA)
0 (UBCF) 200

M

Water Volume Fraction

Methane

CGA Optical Density Channel 1 (FAOD1_CGA)
−4 (−−−− 36

CGA CO2 Partial Density (CO2_CGA)
0 (G/C3) 0.5

L

C2−C5

CGA Fluorescence Channel 0 (FLD0_CGA)
0 (V) 1

CGA Methane Partial Density (METH_CGA)
0 (G/C3) 0.5

C6+

CGA Fluorescence Ratio (FLRA_CGA)
0 (−−−− 1

CGA Apparent Hydrocarbon Density (AHYD_CGA)
0 (G/C3) 0.5

CO2

Water > 80%

PIP SUMMARY

Time Mark Every 60 S

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	CGA: Condensate & Gas Analyzer		
FA2M_CGA	CGA CO2 Allow/Disallow Mode	ALLOW	
FADM_CGA	CGA Dew Detection Allow/Disallow Mode	ALLOW	
FAGM_CGA	CGA GOR Allow/Disallow Mode	ALLOW	
FAODW_CGA	CGA Water Absorption Spectra	** V **	
FAPC_CGA	CGA Path Correction Coefficient	1.0474	
FAPM_CGA	CGA Composition Allow/Disallow Mode	ALLOW	
FATCM_CGA	CGA Temp. Coef. Measure Mode	** V **	
FATCS_CGA	CGA Temp. Coef. Source Mode	** V **	
HAPI_CGA	CGA Hydrocarbon API	35	DAPI
MFGCAL_STATUS_CGA	CGA Manufacturing Calibration Coefficient Status	VALID	
ODTMP_CGA	CGA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
TCPS_STATUS_CGA	CGA Temperature Compensation Coefficient Status	VALID	
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: CGA_Station Vertical Scale: 1" per 60S Graphics File Created: 16−Feb−2007 13:00

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_092LTP	FN:103	PRODUCER	16−Feb−2007 13:00		

Output DLIS Files

DEFAULT	MDT_OFA_092LTP	FN:103	PRODUCER	16−Feb−2007 13:00	2130.0 FT	27.9 FT

Event Summary

Elapsed Time (s)	Event Summary
2265.0	Pumping Stopped 732.0 C3 Dual Pumpout Module (MRPO)
2169.3	Pump Out Started Dual Pumpout Module (MRPO)
2046.9	Pumping Stopped 18666.0 C3 Dual Pumpout Module (MRPO)
4.2	Pump In Started Dual Pumpout Module (MRPO)

PIP SUMMARY

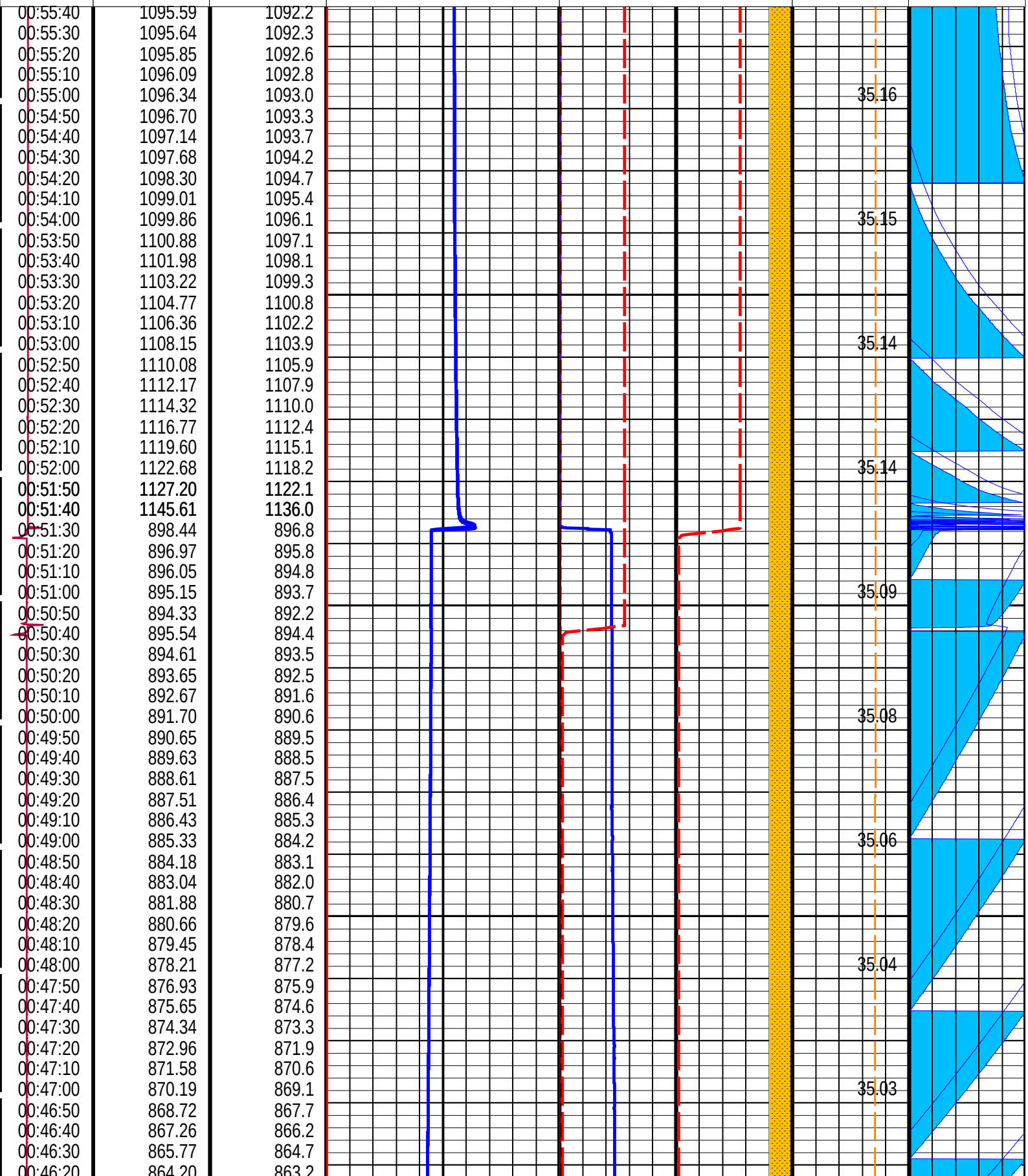
Time Mark Every 60 S

MRPA Quartz Pressure (PAQP)	MRPA Auto deflate status (PAAD)	MRPO Solenoid 3 Status (POS3)
0 (PSIA) 2000	0 (---- 5	5 (---- 0

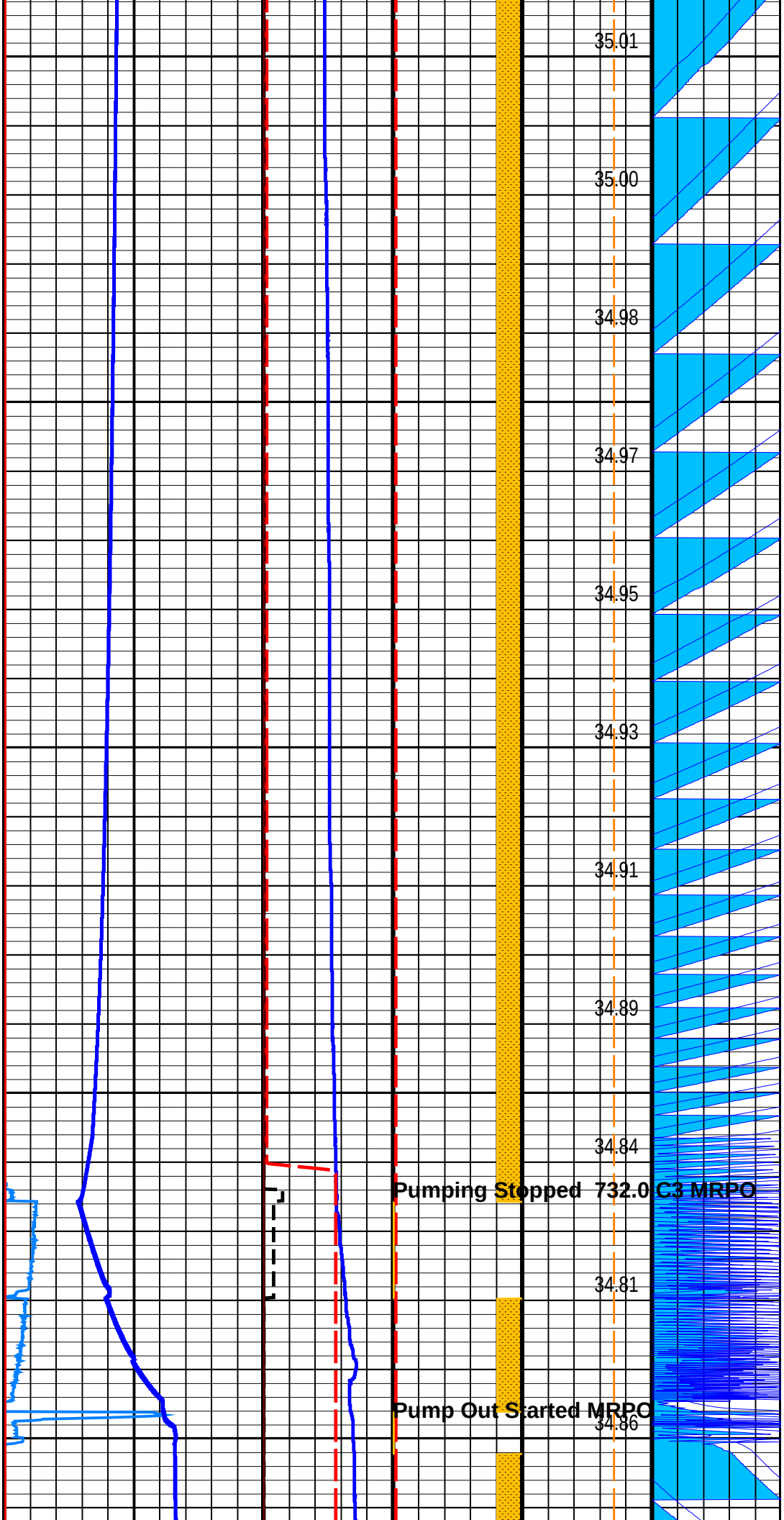
MRPO Hydraulic Pressure (POHP2)	MRPO Pump Volume (POPV)
0 (PSIG) 5000	0 (C3) 10000

MRPC 50 V Supply (50V) 30 (V) 100		MRPA SG Pressure (PASG) 0 (PSIA) 2000	MRPA Interval Valve Position (PAVP) −5 (−−−− 250	MRPA Inflate Valve Position (PAFP) −5 (−−−− 250	MRPA Quartz Temperature (PAQT) (DEGF)	MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10

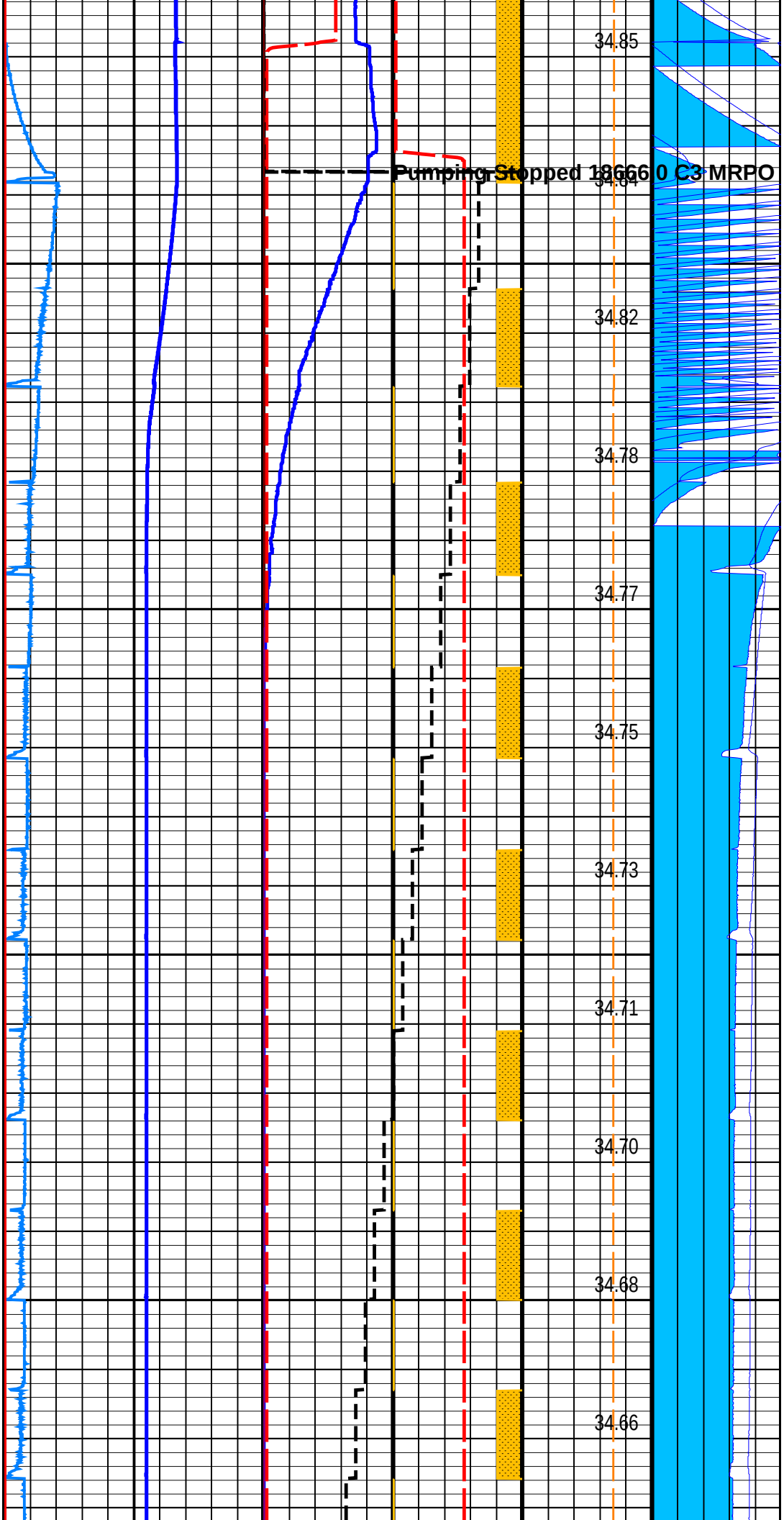
Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)	MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000	MRPA Quartz Temperature (PAQT) (DEGF) 100 150	MRPA SG One's (PSGU) 0 (−−−− 10
00:55:40	1095.59	1092.2				
00:55:30	1095.64	1092.3				
00:55:20	1095.85	1092.6				
00:55:10	1096.09	1092.8				
00:55:00	1096.34	1093.0			35.16	
00:54:50	1096.70	1093.3				
00:54:40	1097.14	1093.7				
00:54:30	1097.68	1094.2				
00:54:20	1098.30	1094.7				
00:54:10	1099.01	1095.4				
00:54:00	1099.86	1096.1			35.15	
00:53:50	1100.88	1097.1				
00:53:40	1101.98	1098.1				
00:53:30	1103.22	1099.3				
00:53:20	1104.77	1100.8				
00:53:10	1106.36	1102.2				
00:53:00	1108.15	1103.9			35.14	
00:52:50	1110.08	1105.9				
00:52:40	1112.17	1107.9				
00:52:30	1114.32	1110.0				
00:52:20	1116.77	1112.4				
00:52:10	1119.60	1115.1				
00:52:00	1122.68	1118.2			35.14	
00:51:50	1127.20	1122.1				
00:51:40	1145.61	1136.0				
00:51:30	898.44	896.8				
00:51:20	896.97	895.8				
00:51:10	896.05	894.8				
00:51:00	895.15	893.7			35.09	
00:50:50	894.33	892.2				
00:50:40	895.54	894.4				
00:50:30	894.61	893.5				
00:50:20	893.65	892.5				
00:50:10	892.67	891.6				
00:50:00	891.70	890.6			35.08	
00:49:50	890.65	889.5				
00:49:40	889.63	888.5				
00:49:30	888.61	887.5				
00:49:20	887.51	886.4				
00:49:10	886.43	885.3				
00:49:00	885.33	884.2			35.06	
00:48:50	884.18	883.1				
00:48:40	883.04	882.0				
00:48:30	881.88	880.7				
00:48:20	880.66	879.6				
00:48:10	879.45	878.4				
00:48:00	878.21	877.2			35.04	
00:47:50	876.93	875.9				
00:47:40	875.65	874.6				
00:47:30	874.34	873.3				
00:47:20	872.96	871.9				
00:47:10	871.58	870.6				
00:47:00	870.19	869.1			35.03	
00:46:50	868.72	867.7				
00:46:40	867.26	866.2				
00:46:30	865.77	864.7				
00:46:20	864.20	863.2				



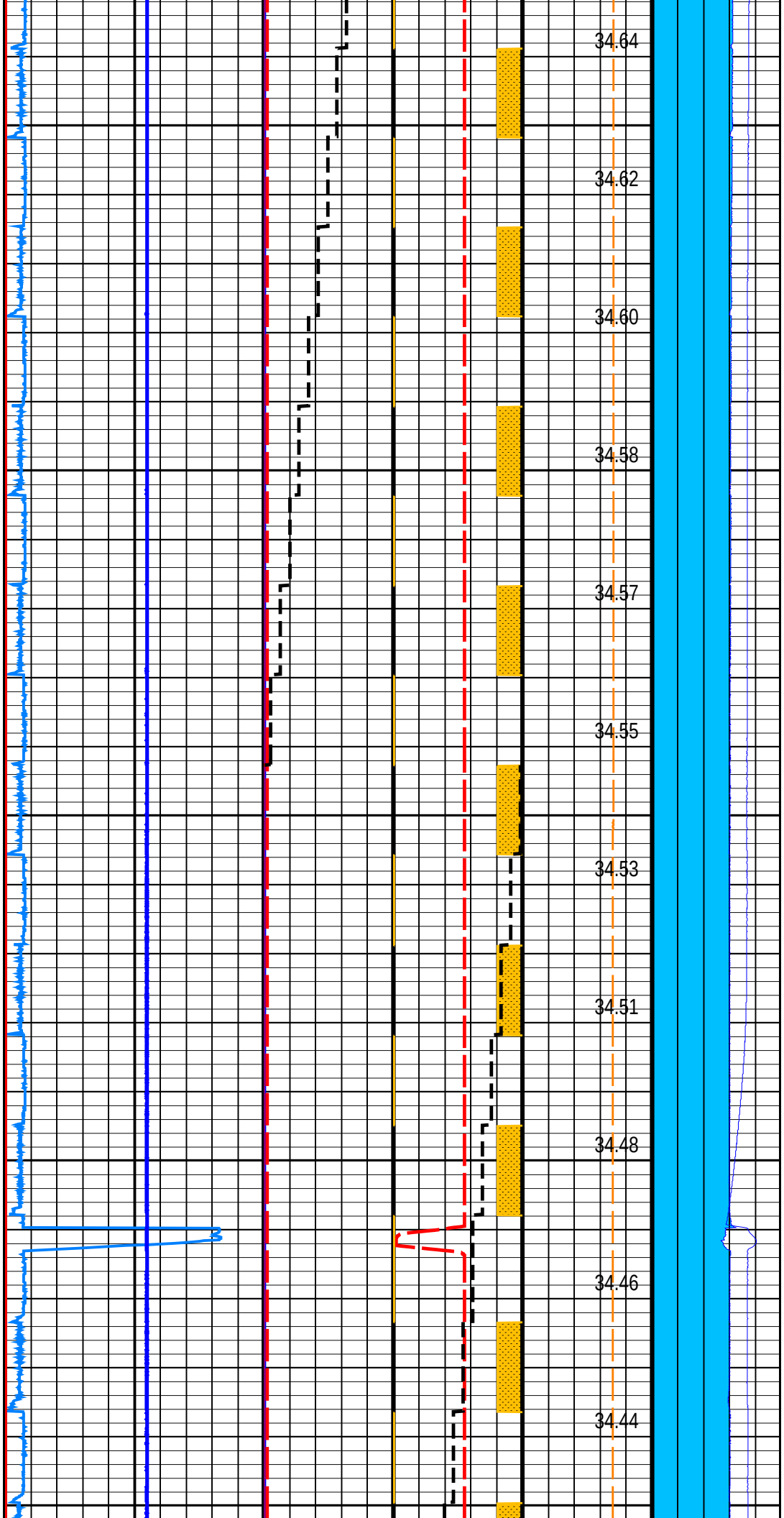
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00:46:00	860.95	860.0
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00:45:20	853.83	852.9
00:45:10	852.09	851.2
00:45:00	850.28	849.4
00:44:50	848.36	847.5
00:44:40	846.46	845.6
00:44:30	844.49	843.7
00:44:20	842.42	841.6
00:44:10	840.34	839.6
00:44:00	838.21	837.4
00:43:50	835.98	835.2
00:43:40	833.73	833.0
00:43:30	831.42	830.7
00:43:20	828.97	828.3
00:43:10	826.53	825.9
00:43:00	824.03	823.4
00:42:50	821.38	820.7
00:42:40	818.71	818.1
00:42:30	815.94	815.4
00:42:20	813.03	812.5
00:42:10	810.10	809.6
00:42:00	806.87	806.3
00:41:50	803.37	802.9
00:41:40	800.12	799.6
00:41:30	796.71	796.3
00:41:20	793.07	792.7
00:41:10	789.39	789.0
00:41:00	785.59	785.2
00:40:50	781.49	781.1
00:40:40	777.35	777.0
00:40:30	773.02	772.8
00:40:20	768.38	768.2
00:40:10	763.65	763.5
00:40:00	758.62	758.5
00:39:50	753.28	753.2
00:39:40	747.81	747.8
00:39:30	741.95	742.0
00:39:20	735.63	735.7
00:39:10	728.89	729.0
00:39:00	721.83	722.1
00:38:50	714.08	714.4
00:38:40	705.96	706.3
00:38:30	697.12	697.5
00:38:20	687.19	687.6
00:38:10	677.44	677.7
00:38:00	651.39	654.2
00:37:50	621.11	623.7
00:37:40	572.02	587.1
00:37:30	623.21	612.5
00:37:20	679.41	667.6
00:37:10	738.16	726.1
00:37:00	808.71	811.5
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00:36:40	917.23	902.9
00:36:30	996.77	982.5
00:36:20	1119.83	1101.4
00:36:10	1222.34	1217.2
00:36:00	1316.14	1309.2
00:35:50	1314.47	1310.9
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00:35:30	1318.26	1314.7
00:35:20	1320.57	1317.0



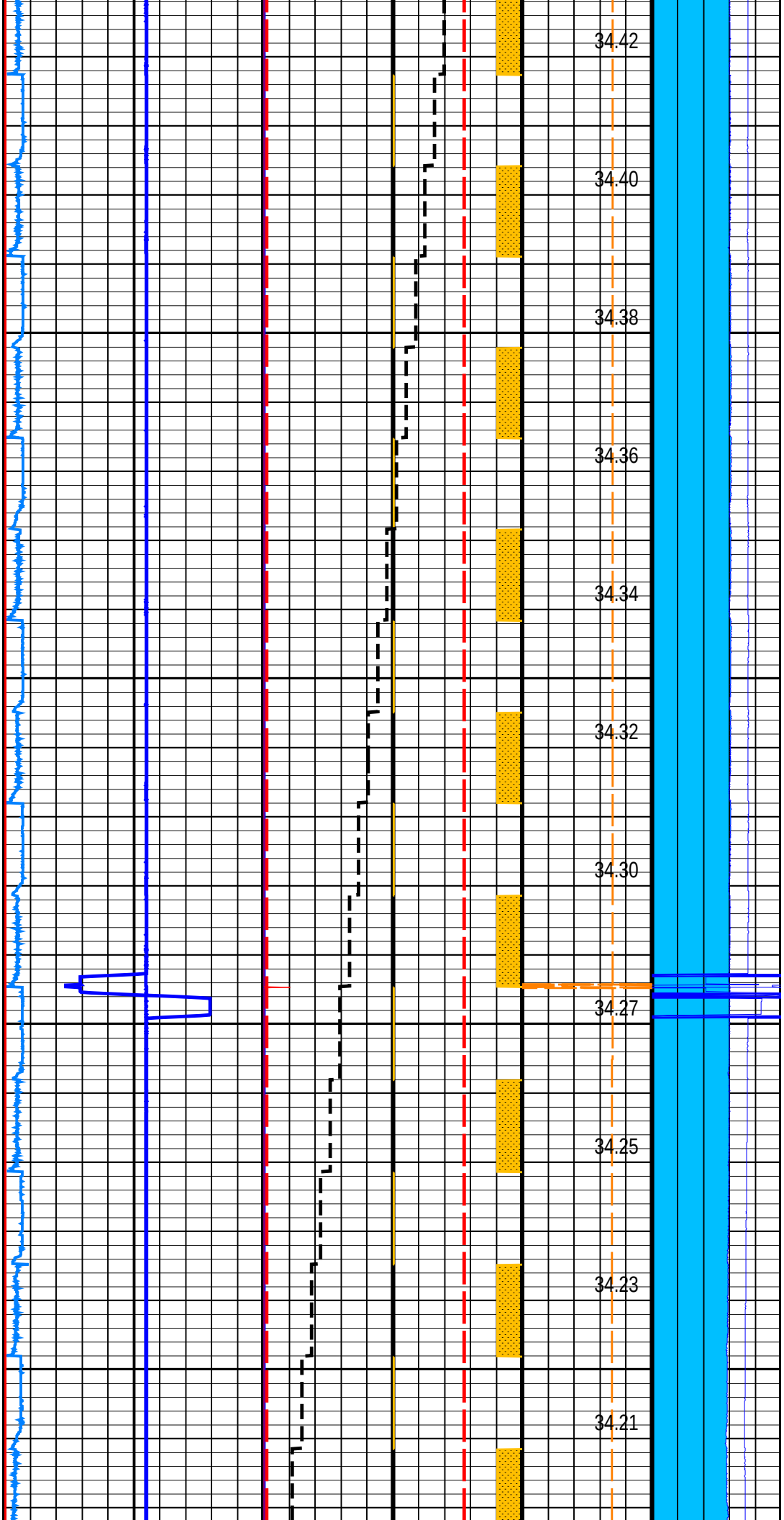
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00:34:20	1327.29	1323.8
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00:34:00	1324.57	1325.5
00:33:50	1309.55	1310.8
00:33:40	1292.92	1294.5
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00:33:20	1253.67	1255.5
00:33:10	1233.13	1235.6
00:33:00	1210.04	1212.7
00:32:50	1184.91	1187.7
00:32:40	1156.99	1160.7
00:32:30	1144.71	1148.3
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00:32:10	1107.16	1108.0
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00:31:50	1098.45	1098.1
00:31:40	1096.52	1095.6
00:31:30	1095.57	1094.3
00:31:20	1094.96	1093.4
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00:31:00	1095.62	1092.7
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00:30:40	1095.26	1092.1
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00:29:30	1095.06	1091.4
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00:29:10	1094.94	1091.3
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00:27:00	1094.69	1091.0
00:26:50	1094.69	1091.0
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00:24:20	1094.56	1090.9

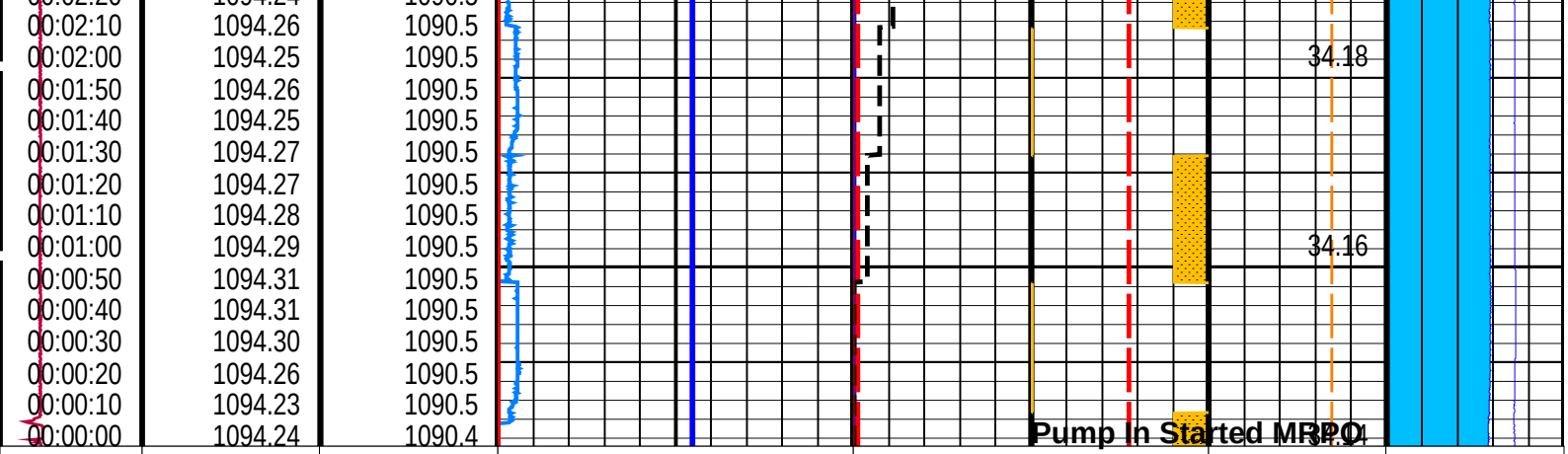


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00:15:30	1092.83	1090.8
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00:13:40	1094.47	1090.7
00:13:30	1094.46	1090.6
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00:06:20	1094.48	1090.6
00:06:10	775.66	1090.7
00:06:00	1396.24	1090.7
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00:04:50	1094.39	1090.6
00:04:40	1094.36	1090.6
00:04:30	1094.34	1090.6
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00:04:10	1094.32	1090.5
00:04:00	1094.30	1090.5
00:03:50	1094.28	1090.5
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00:03:10	1094.22	1090.5
00:03:00	1094.20	1090.4
00:02:50	1094.23	1090.4
00:02:40	1094.25	1090.5
00:02:30	1094.28	1090.5
00:02:20	1094.24	1090.5





Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)	MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000	MRPA Quartz Temperature (PAQT) (DEGF) 100 150	MRPA SG One's (PSGU) 0 (---- 10
MRPC 50 V Supply (50V) 30 (V) 100			MRPA SG Pressure (PASG) 0 (PSIA) 2000	MRPA Interval Valve Position (PAVP) −5 (---- 250	MRPA Inflate Valve Position (PAFP) −5 (---- 250	MRPA Quartz Temperature (PAQT) (DEGF)	MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10
			MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Pump Volume (POPV) 0 (C3) 10000		
			MRPA Quartz Pressure (PAQP) 0 (PSIA) 2000	MRPA Auto deflate status (PAAD) 0 (---- 5	MRPO Solenoid 3 Status (POS3) 5 (---- 0	

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: PACKER Vertical Scale: 1" per 60S Graphics File Created: 16−Feb−2007 13:00

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

Schlumberger

DEPTH 2161

MAXIS Field Log

Output DLIS Files

DEFAULT MDT_OFA_093LTP FN:104 PRODUCER 16−Feb−2007 14:17 2160.9 FT 143.6 FT

Elapsed Time (s)	Event Summary
10555.8	Pumping Stopped 26718.0 C3 Dual Pumpout Module (MRPO)
9628.5	Seal MDT Multi−Sample (MRMS) 1, bottle 1
9199.8	Open MDT Multi−Sample (MRMS) 1, bottle 1, sample number = 1
8472.0	Seal Sample Chamber Module 2 (1 Gallon, H2S)
7127.7	Pump Out Started Dual Pumpout Module (MRPO)
3962.1	Pumping Stopped 3294.0 C3 Dual Pumpout Module (MRPO)
2992.8	Pump Out Started Dual Pumpout Module (MRPO)
2372.7	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
2339.1	Pump In Started Dual Pumpout Module (MRPO)
1395.9	Pumping Stopped 9516.0 C3 Dual Pumpout Module (MRPO)
295.8	Pump In Started Dual Pumpout Module (MRPO)

PIP SUMMARY

Time Mark Every 60 S

LFA Optical Density Channel 9 (FAOD_LFA[9])
−36 (−−−− 4

LFA Optical Density Channel 8 (FAOD_LFA[8])
−32 (−−−− 8

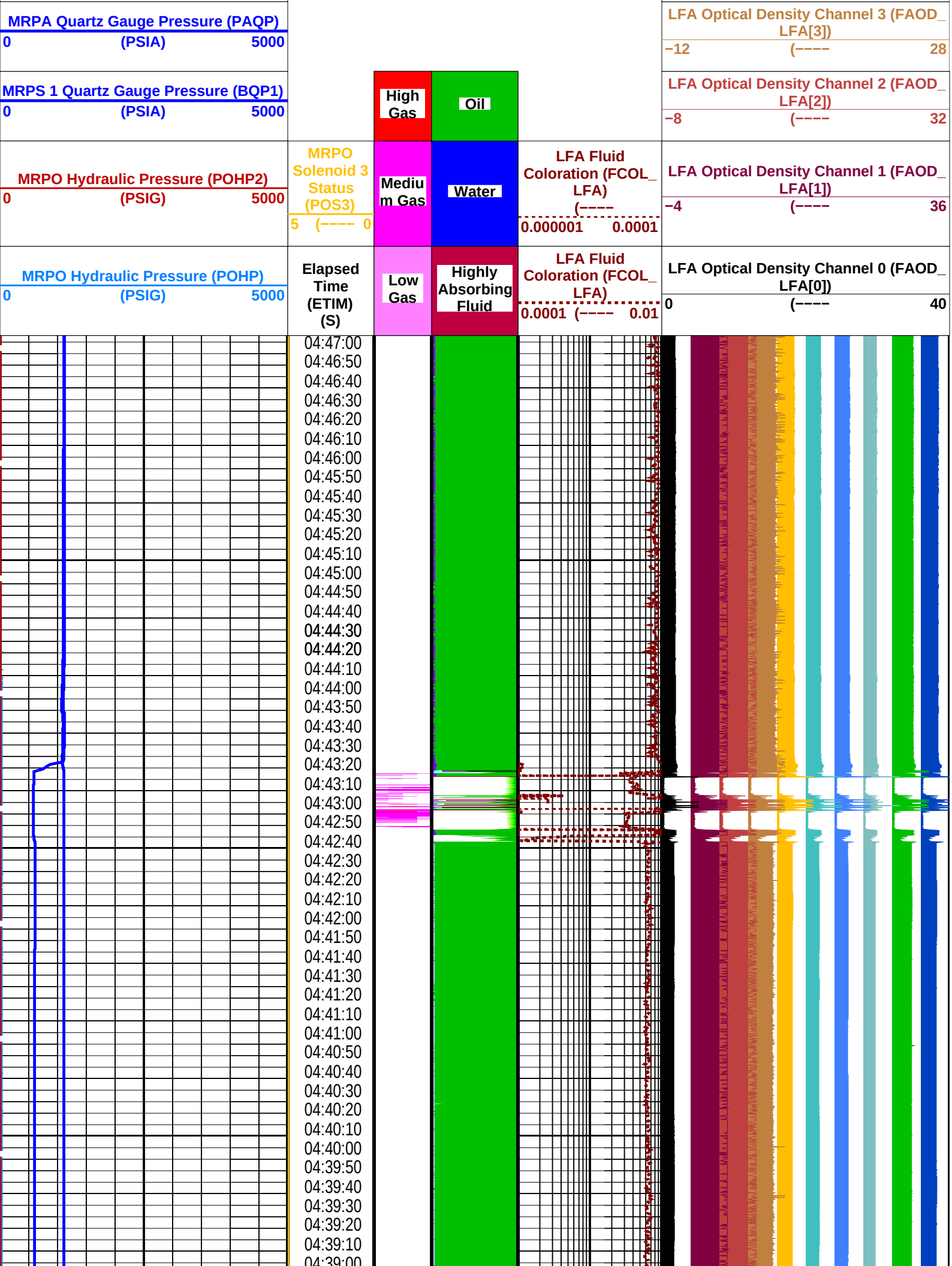
LFA Optical Density Channel 7 (FAOD_LFA[7])
−28 (−−−− 12

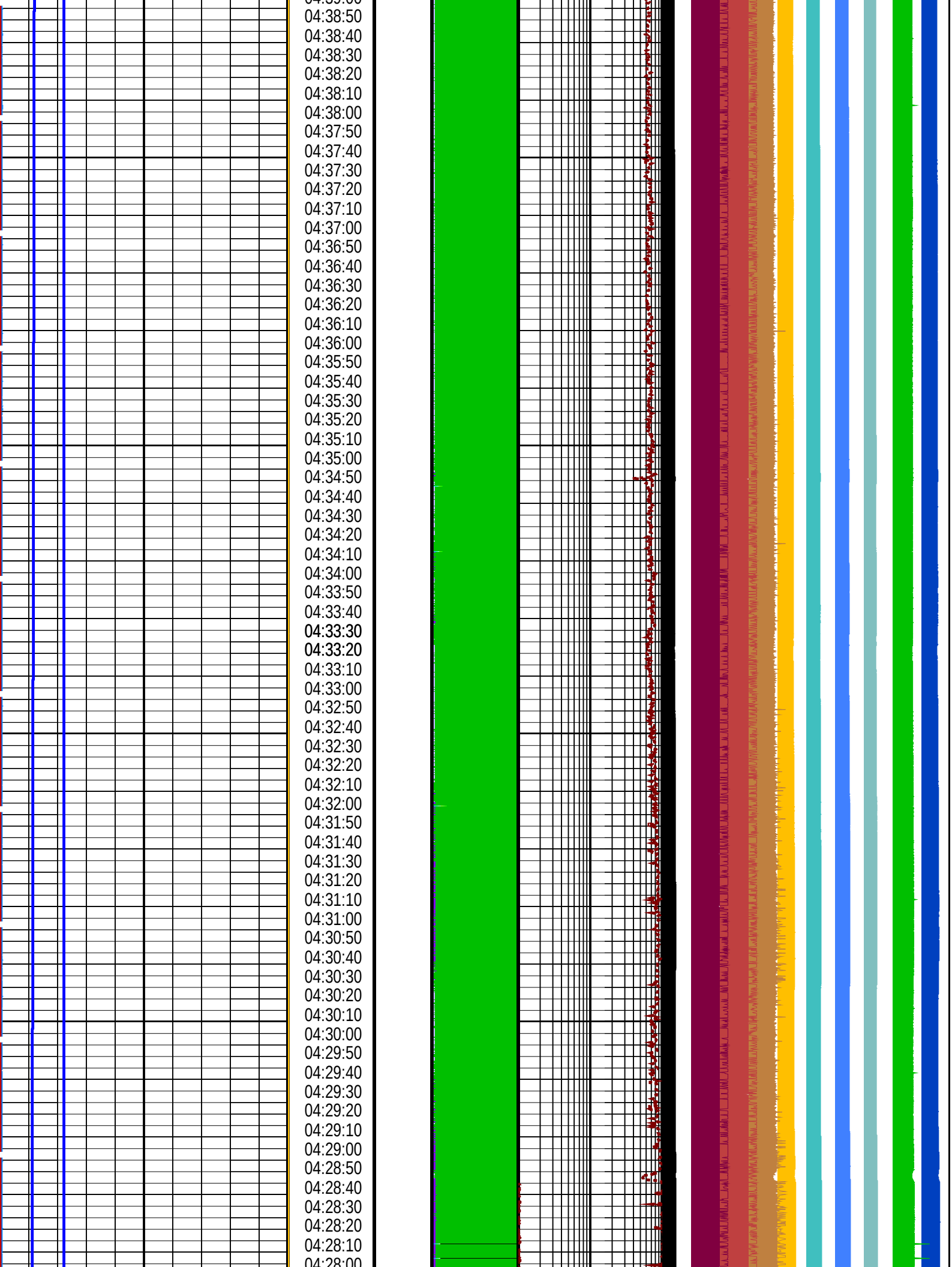
LFA Optical Density Channel 6 (FAOD_LFA[6])
−24 (−−−− 16

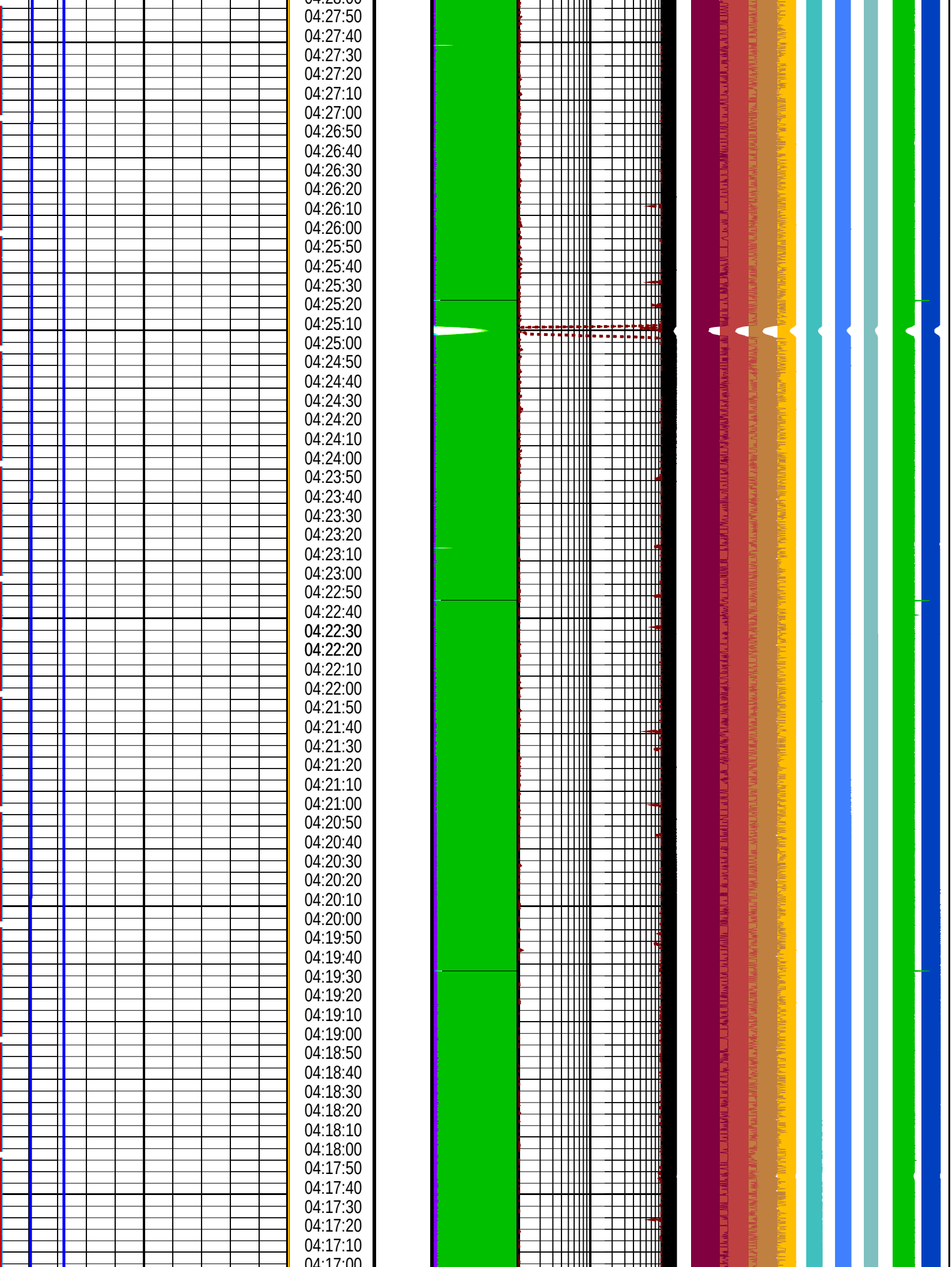
LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (−−−− 20

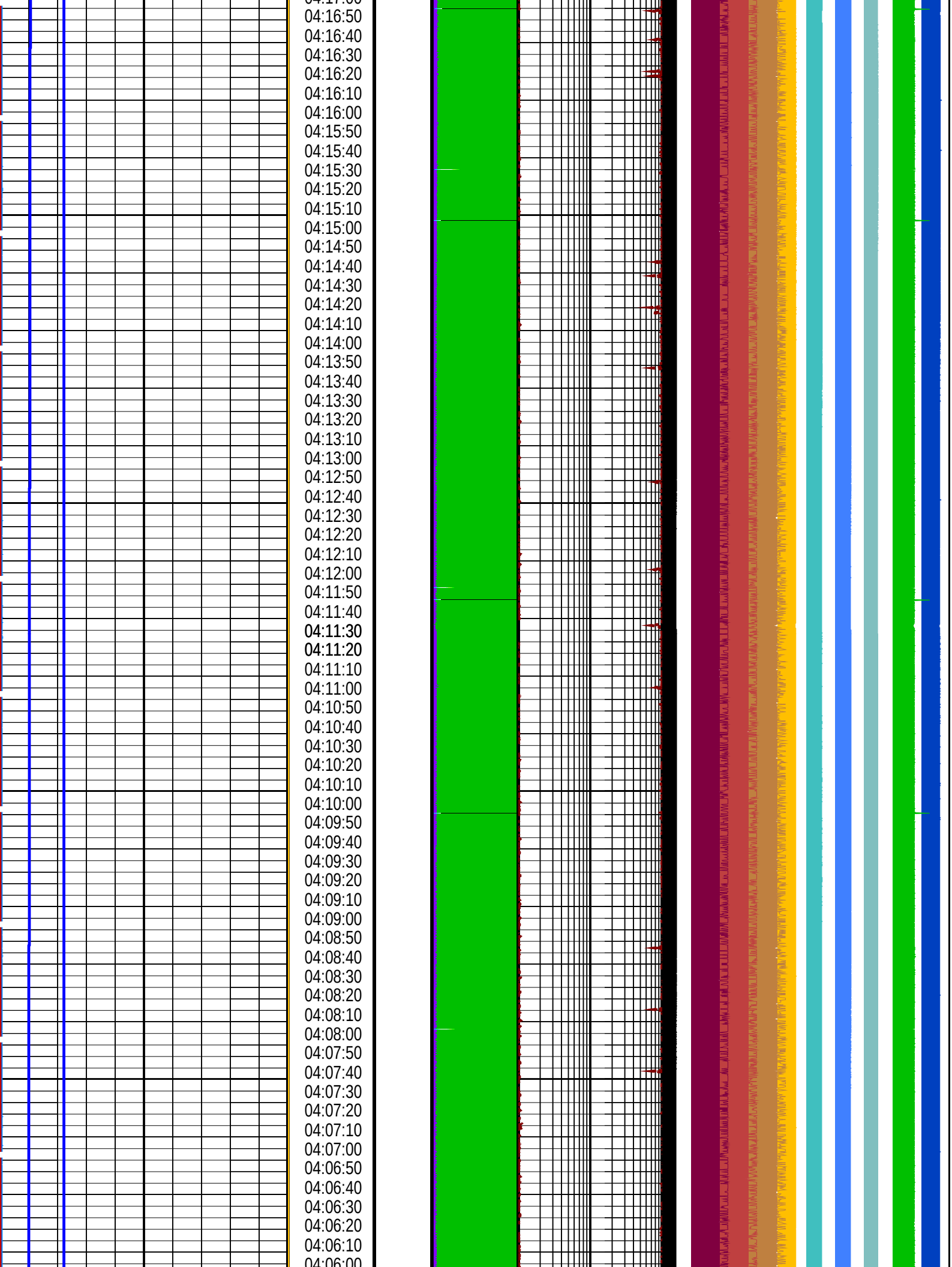
LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (−−−− 24

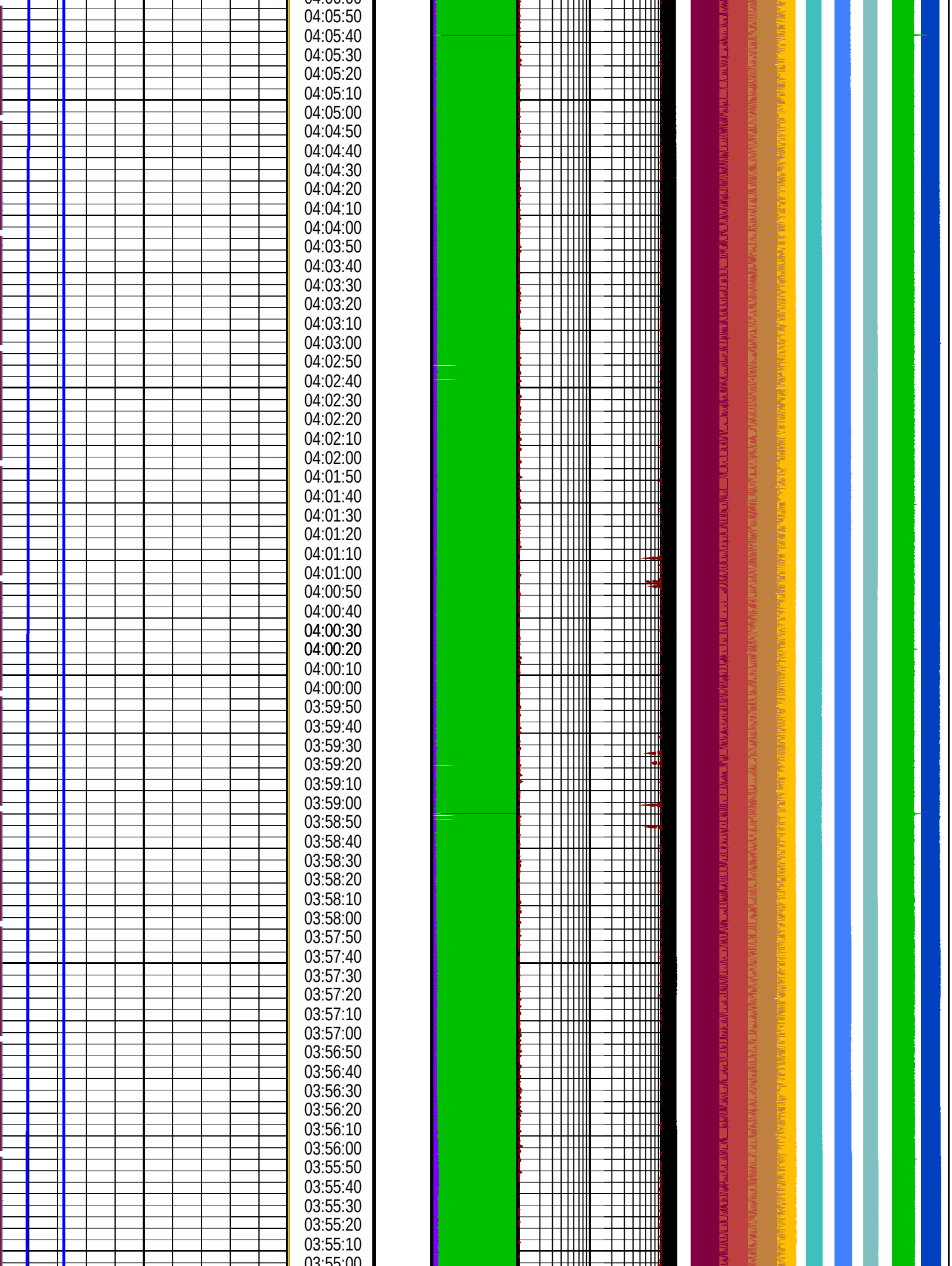
MRPS 1 Flowline Fluid Resistivity (BFR1)
0 (OHMM) 2

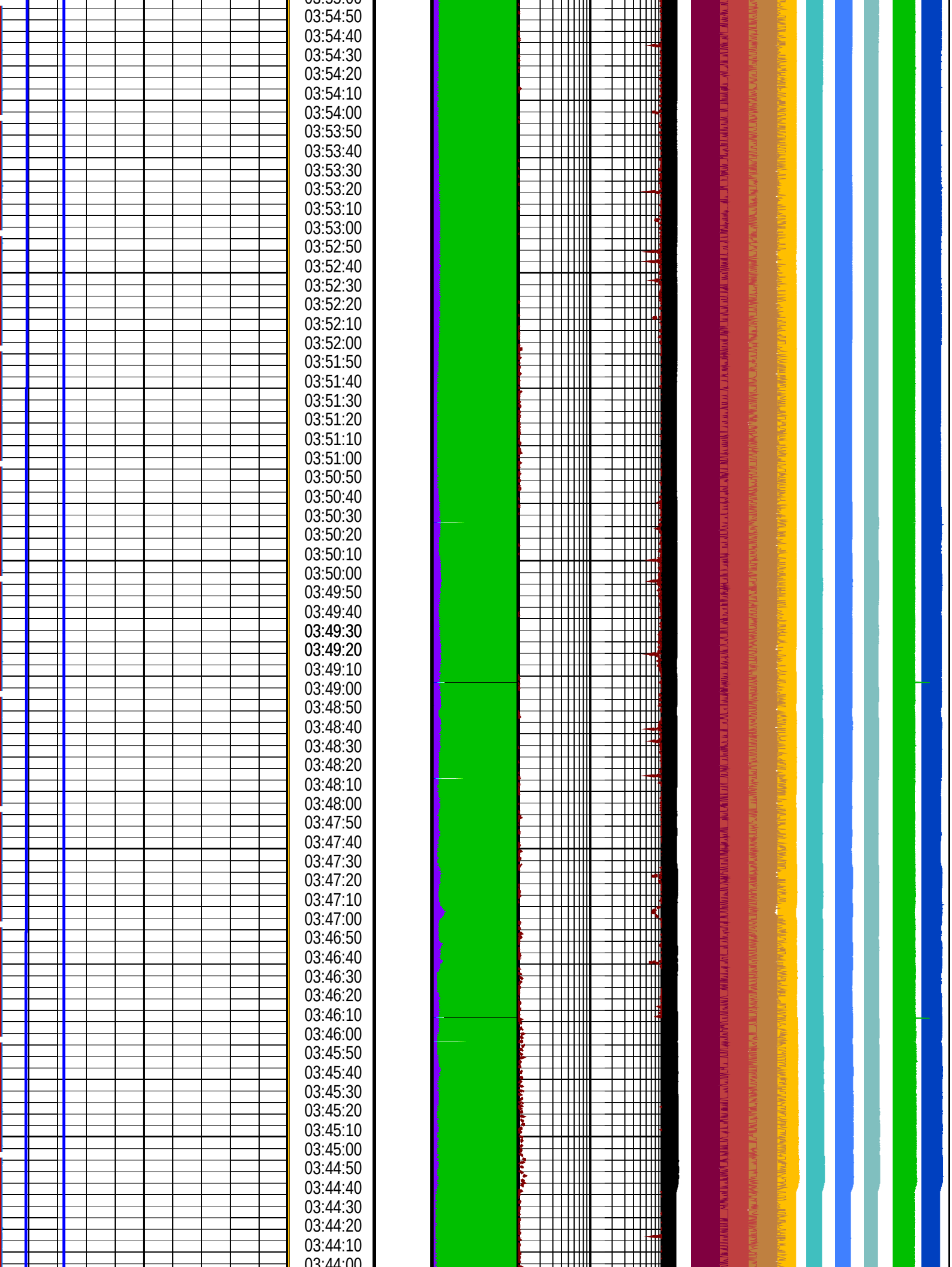

MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 5000
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000
MRPO Hydraulic Pressure (POHP2)
0 (PSIG) 5000
MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000
MRPO Solenoid 3 Status (POS3)
5 (---- 0
Elapsed Time (ETIM) (S)
High Gas
Oil
Mediu m Gas
Water
Low Gas
Highly Absorbing Fluid
LFA Fluid Coloration (FCOL_ LFA) (----
0.000001 0.0001
LFA Fluid Coloration (FCOL_ LFA)
0.0001 (---- 0.01
LFA Optical Density Channel 3 (FAOD_ LFA[3])
−12 (---- 28
LFA Optical Density Channel 2 (FAOD_ LFA[2])
−8 (---- 32
LFA Optical Density Channel 1 (FAOD_ LFA[1])
−4 (---- 36
LFA Optical Density Channel 0 (FAOD_ LFA[0])
0 (---- 40
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04:46:50
04:46:40
04:46:30
04:46:20
04:46:10
04:46:00
04:45:50
04:45:40
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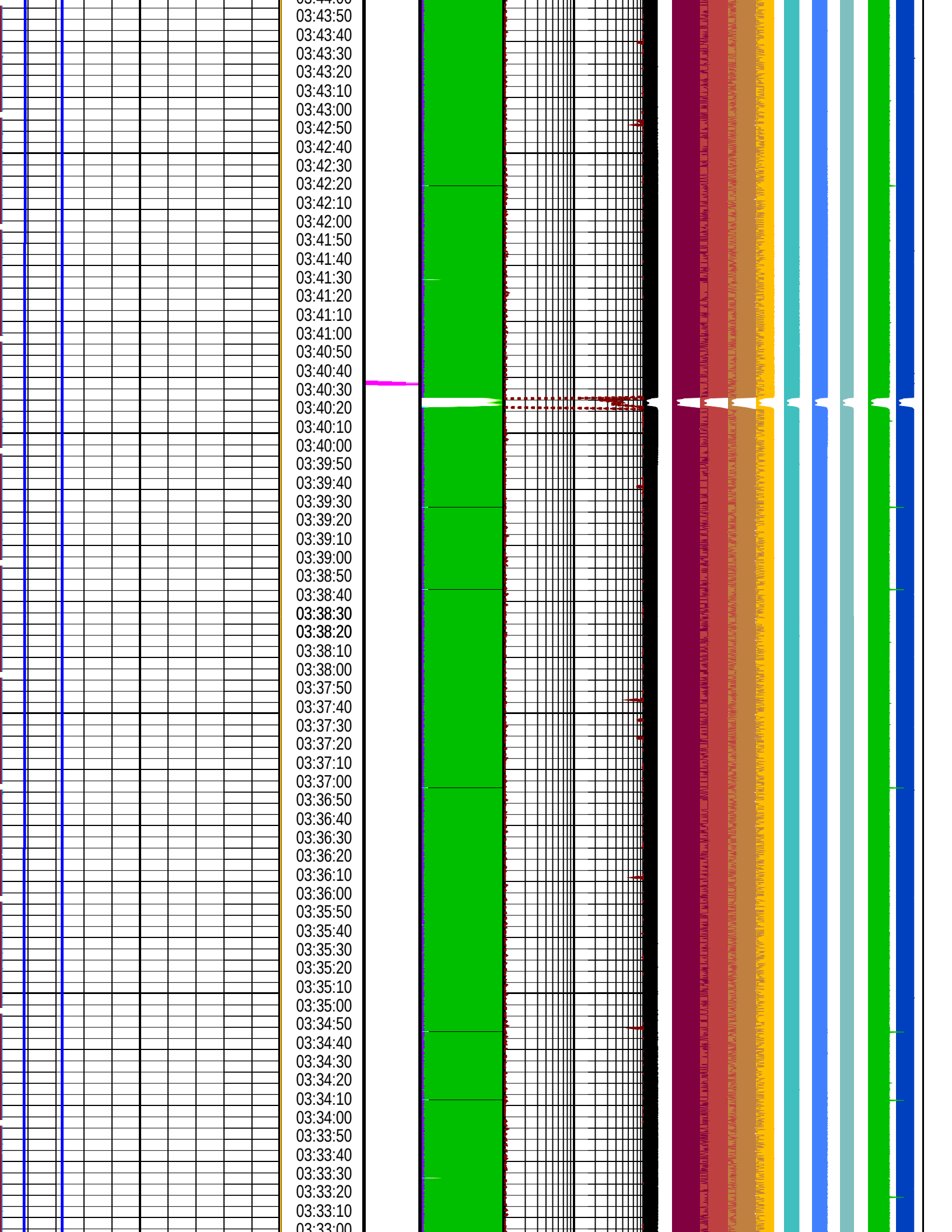

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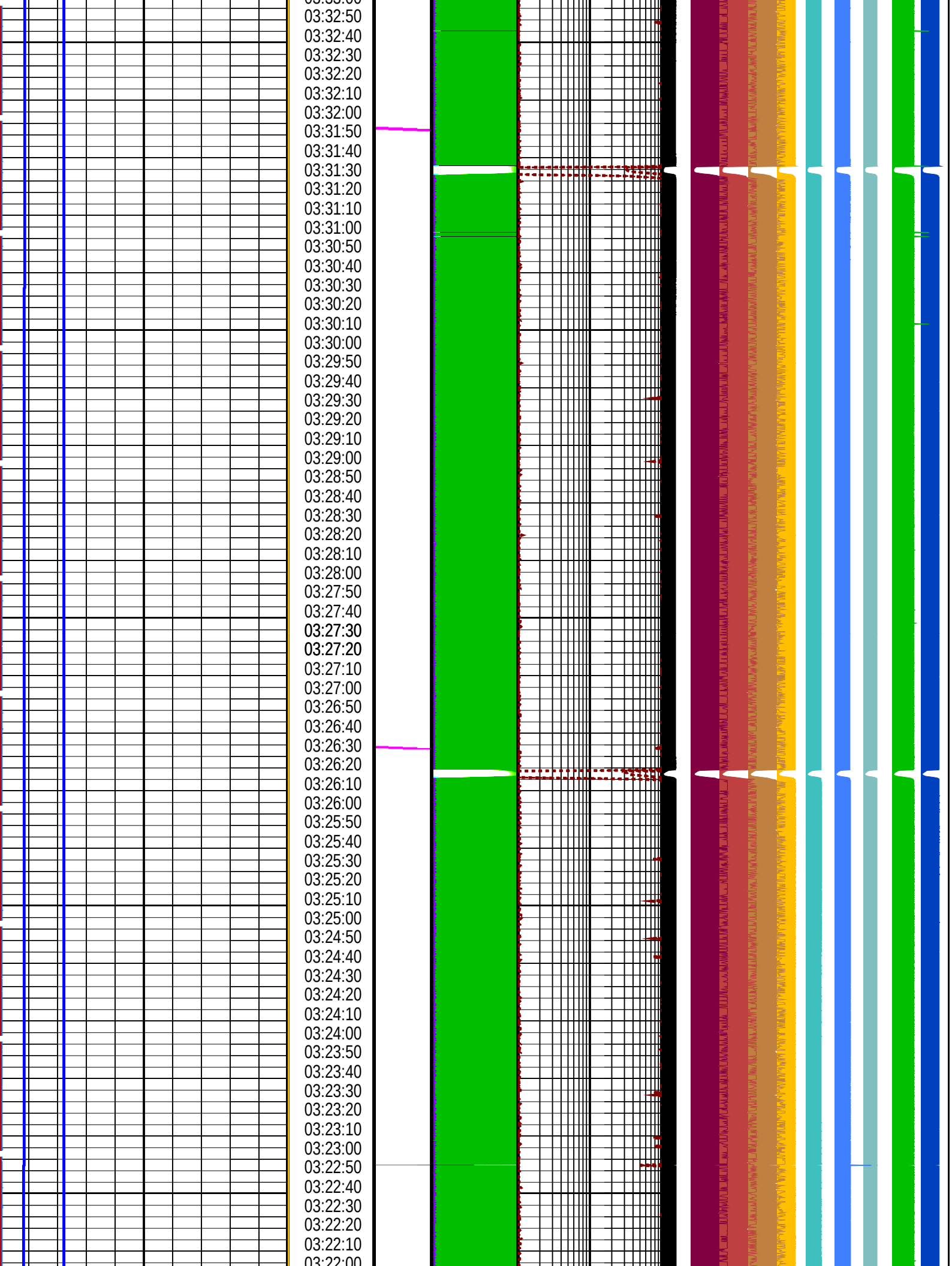

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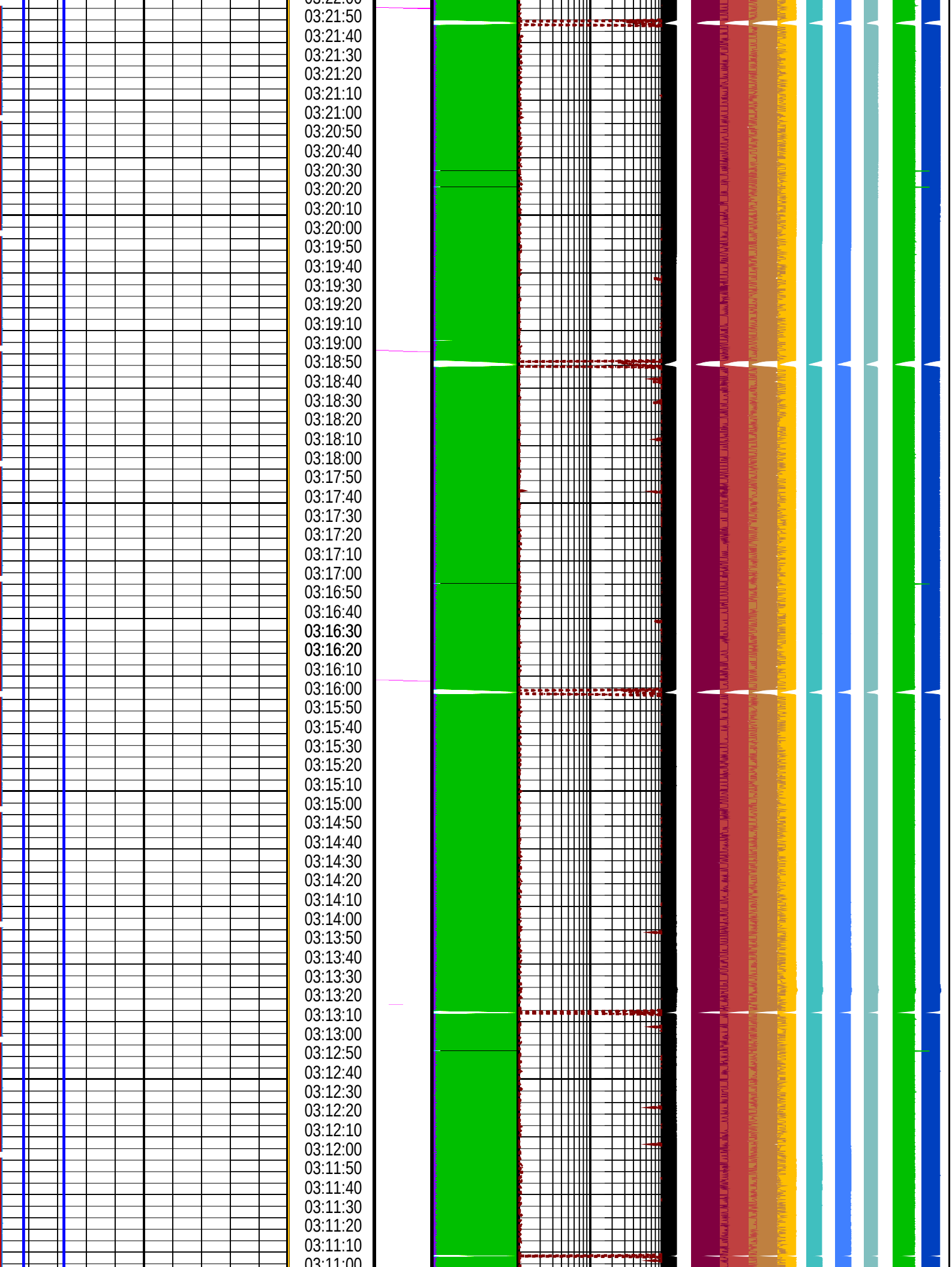

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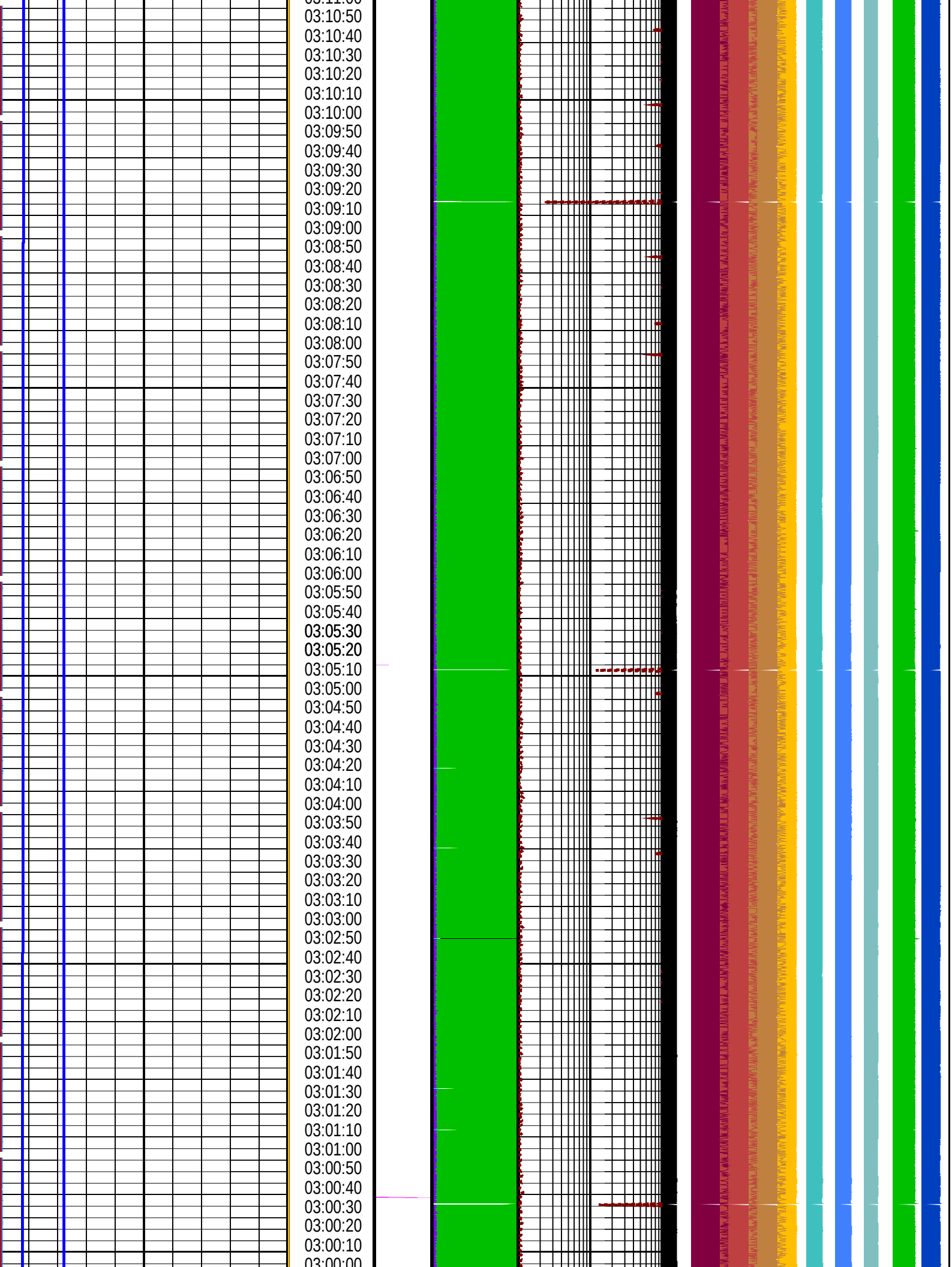

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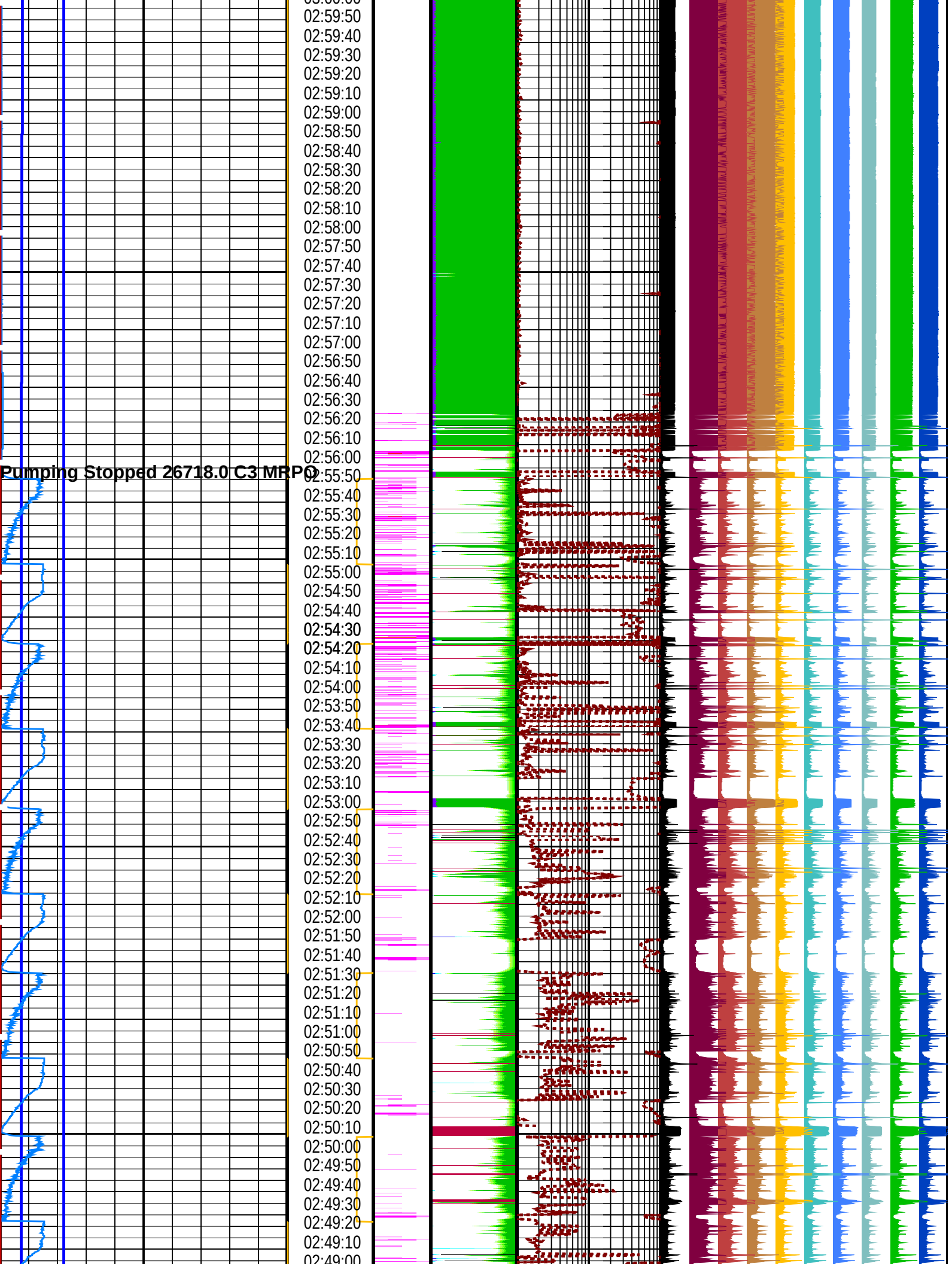

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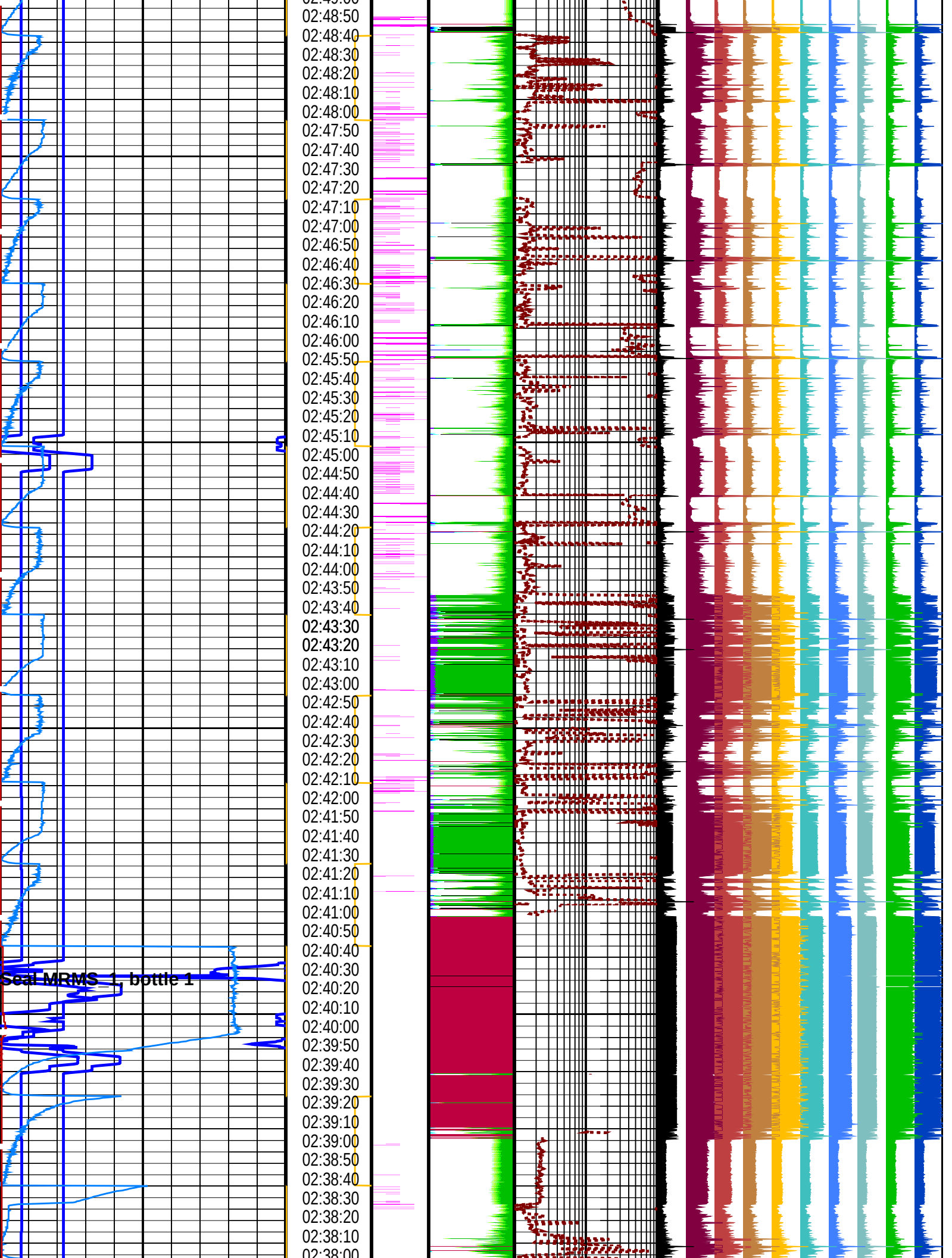

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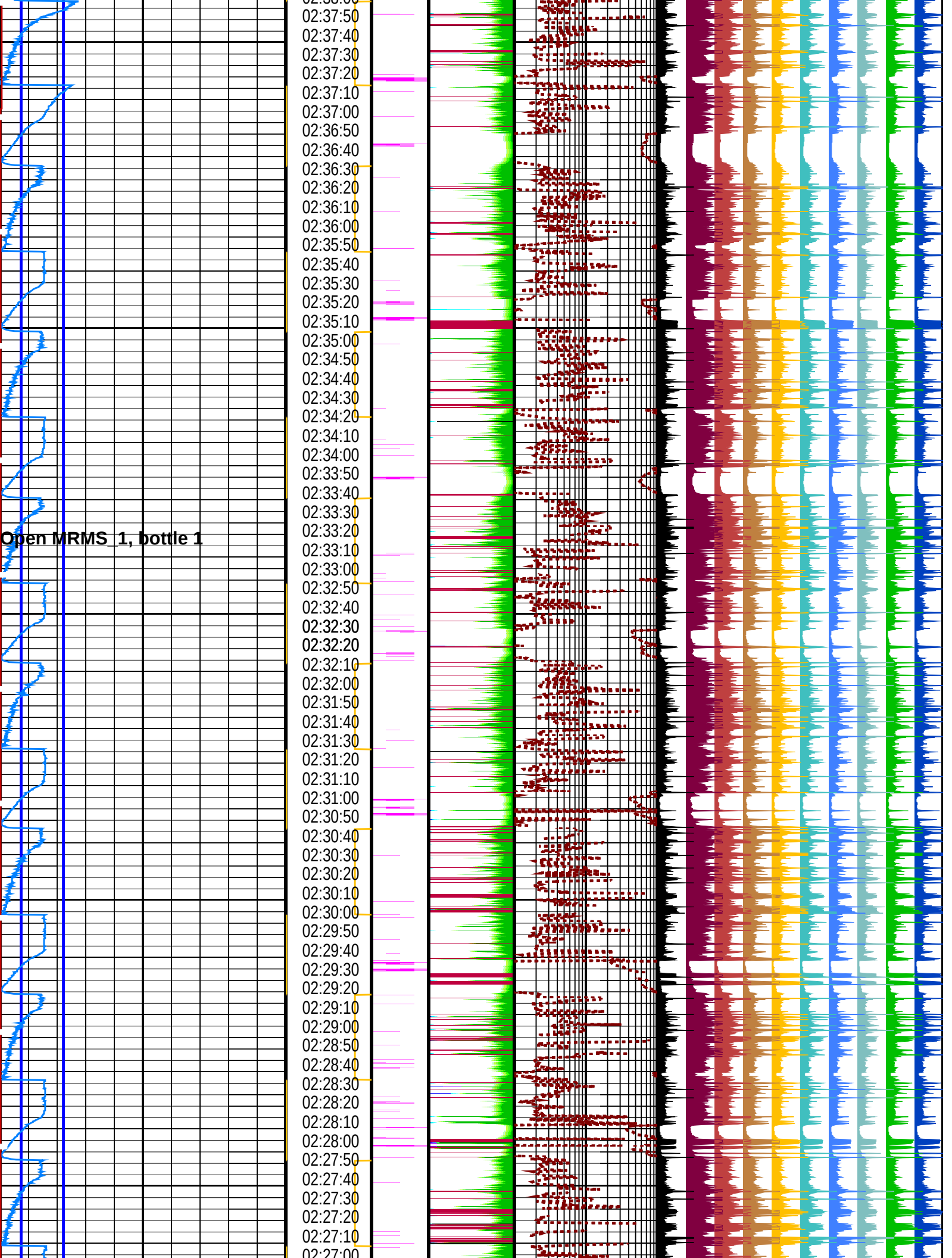

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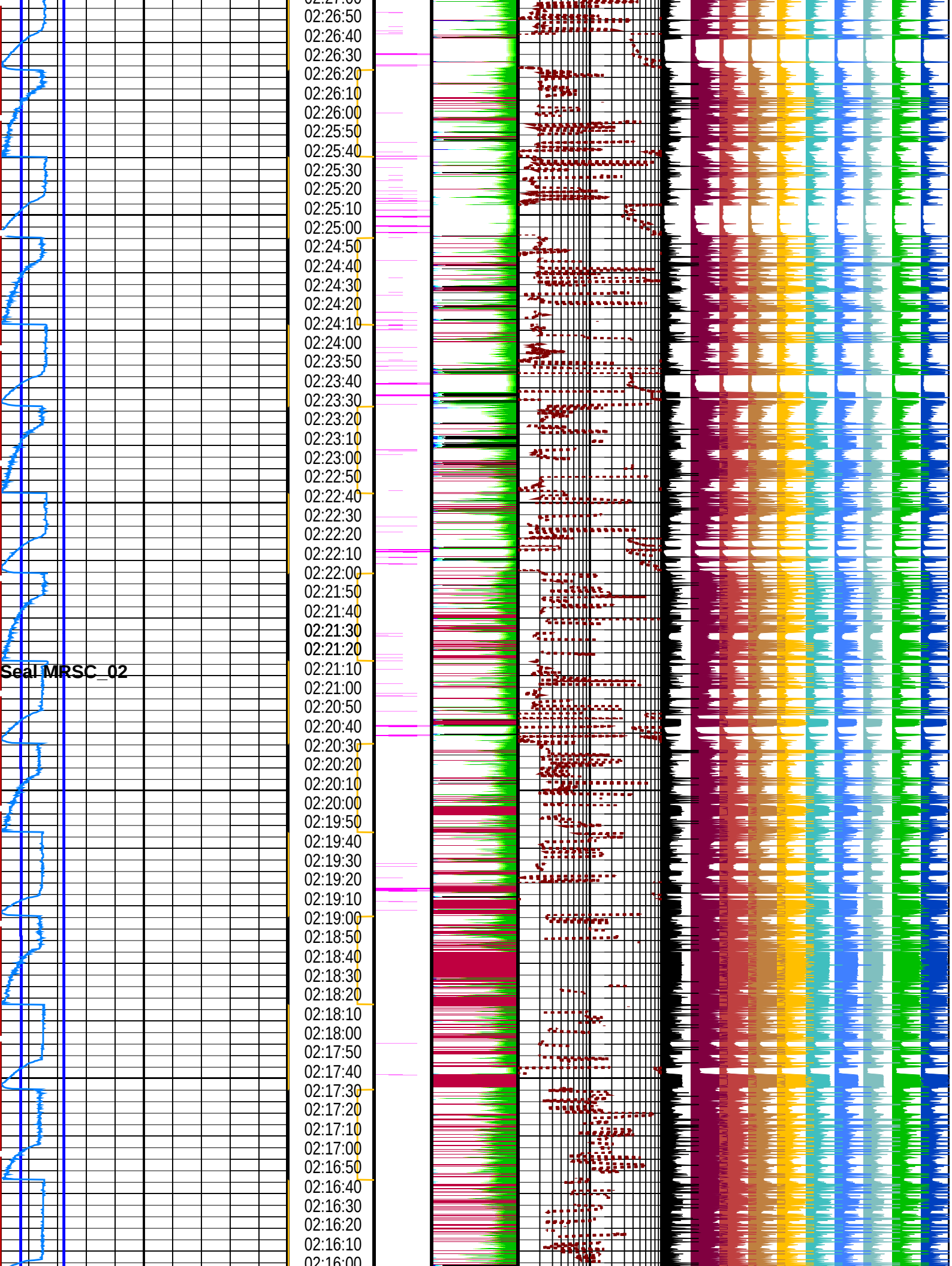

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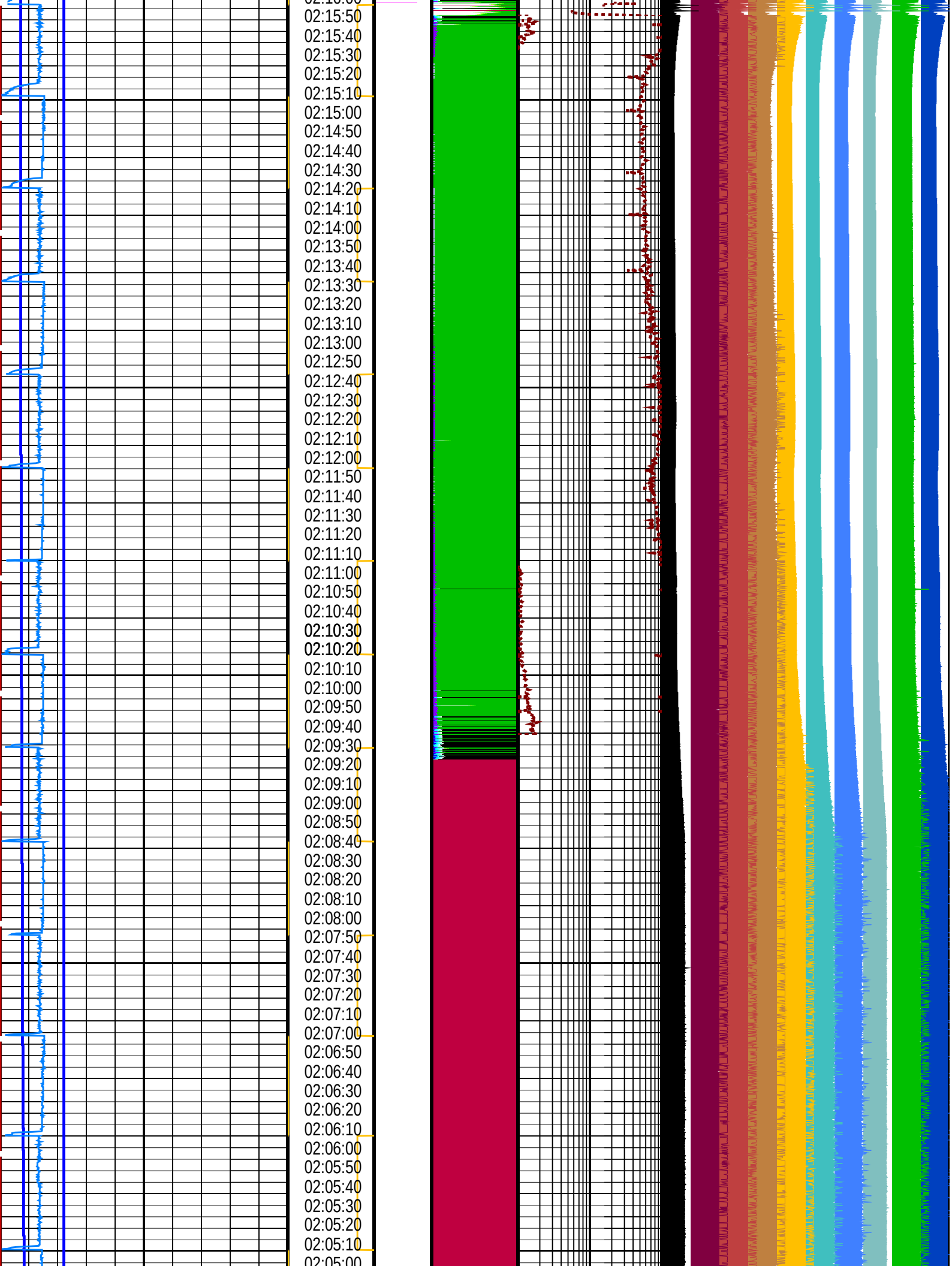

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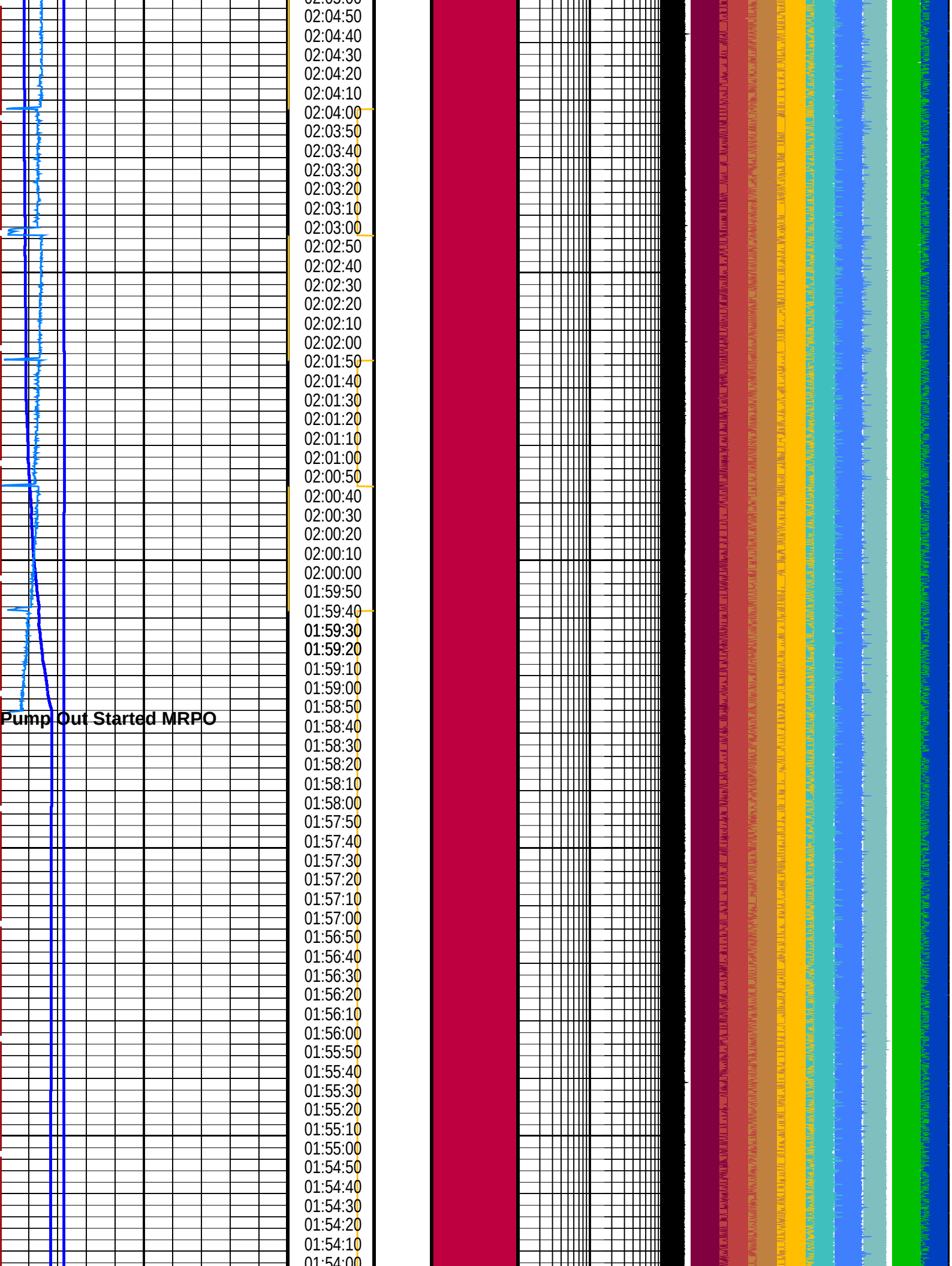

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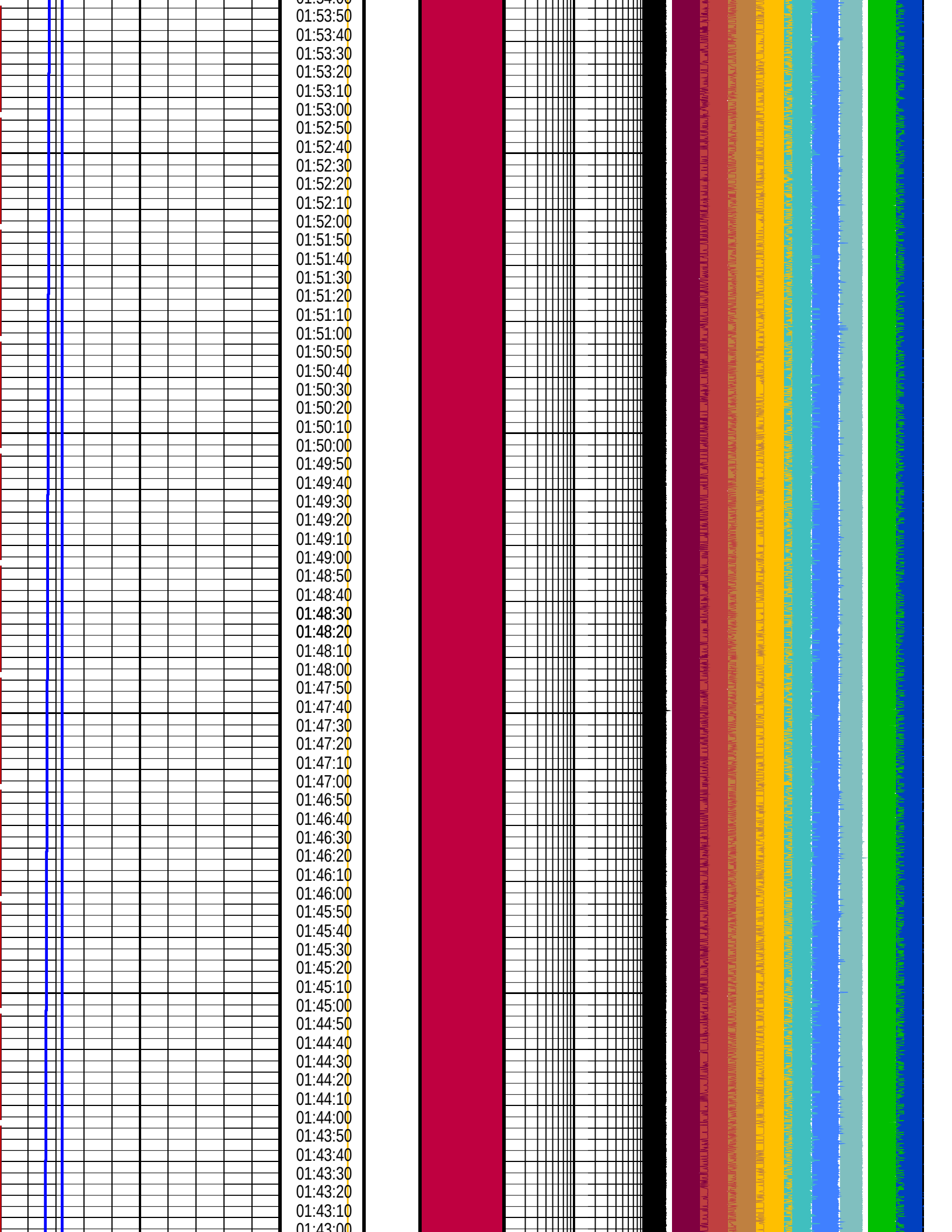

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Seal MRMS_1, bottle 1

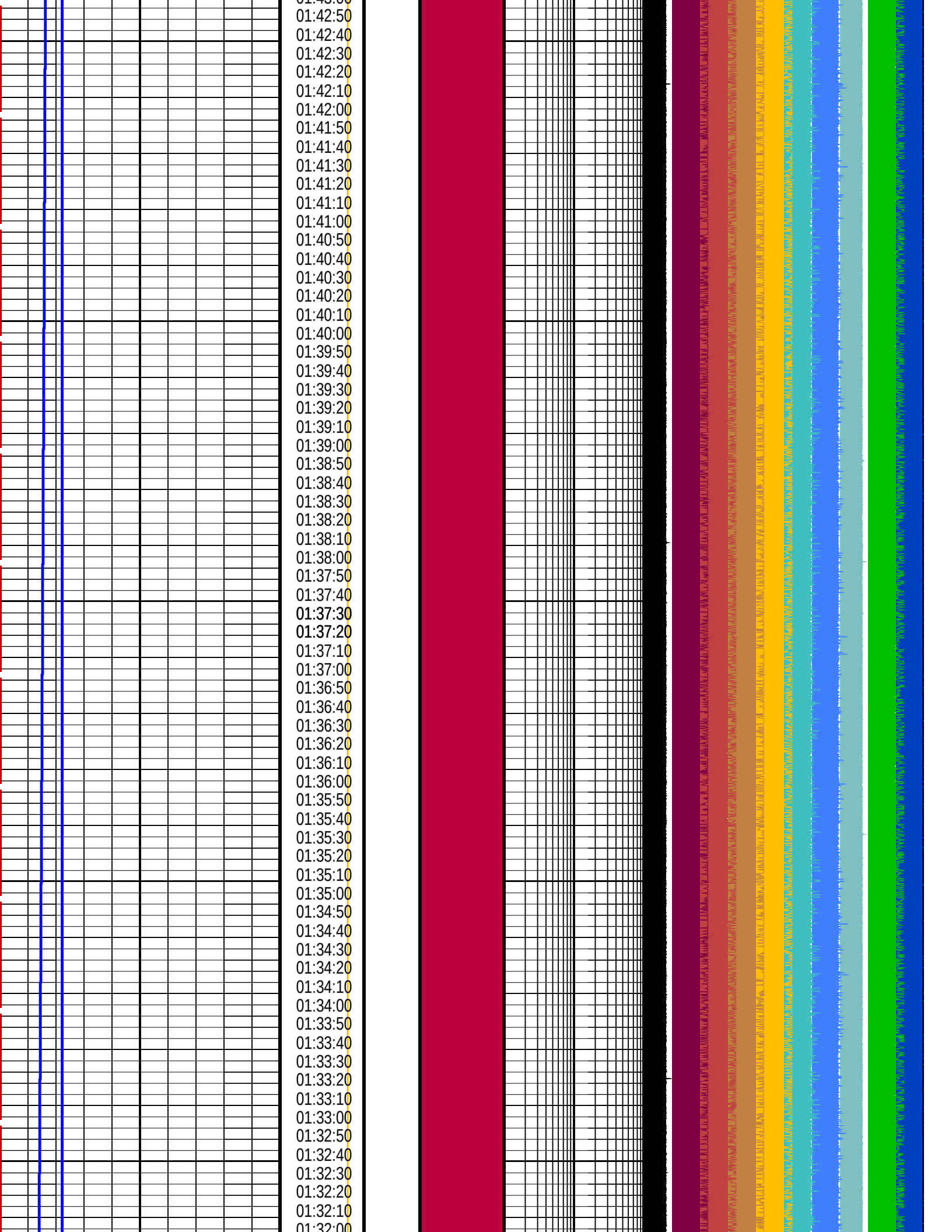

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Open MRMS_1, bottle 1

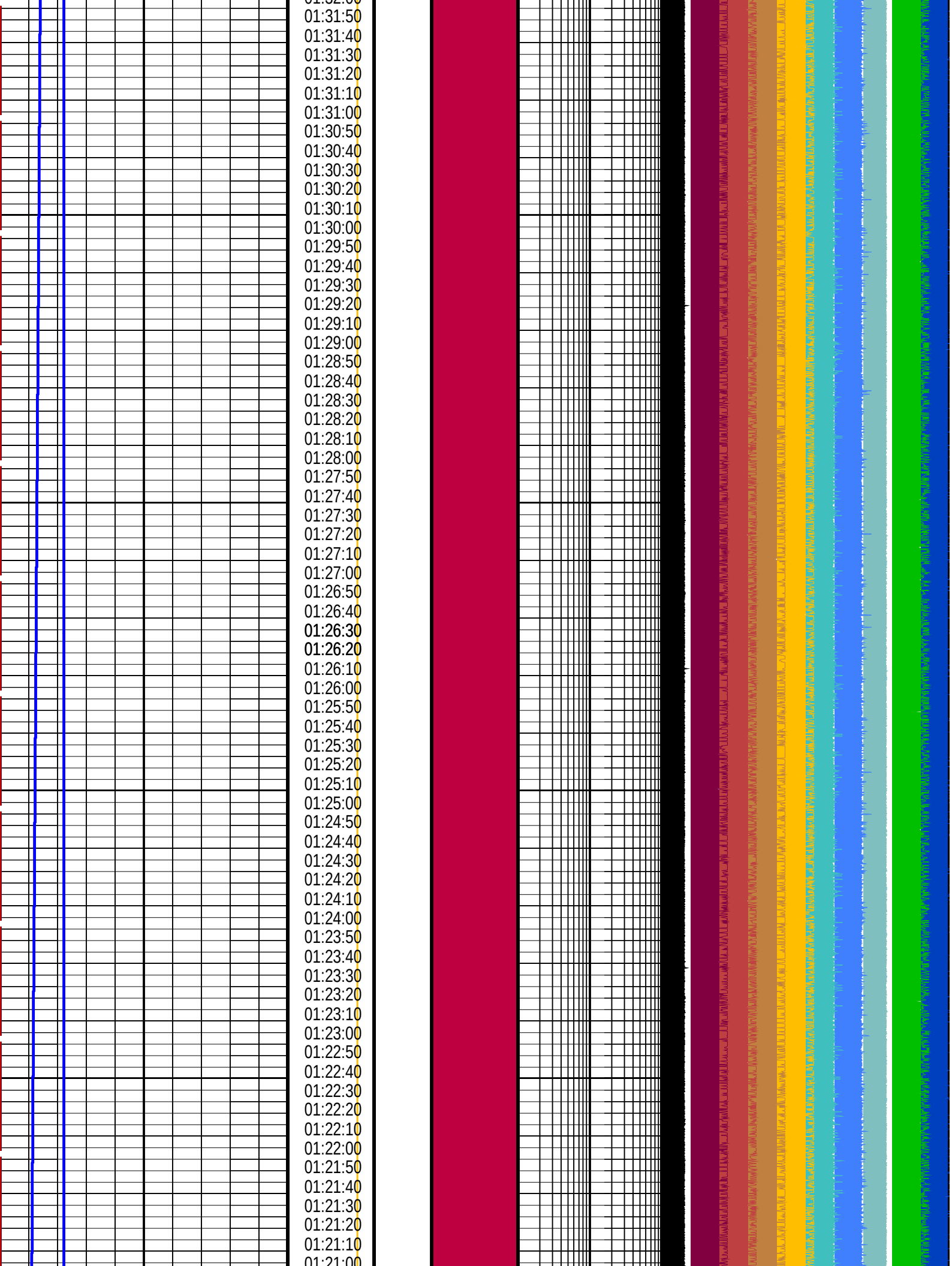

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Seal MRSC_02

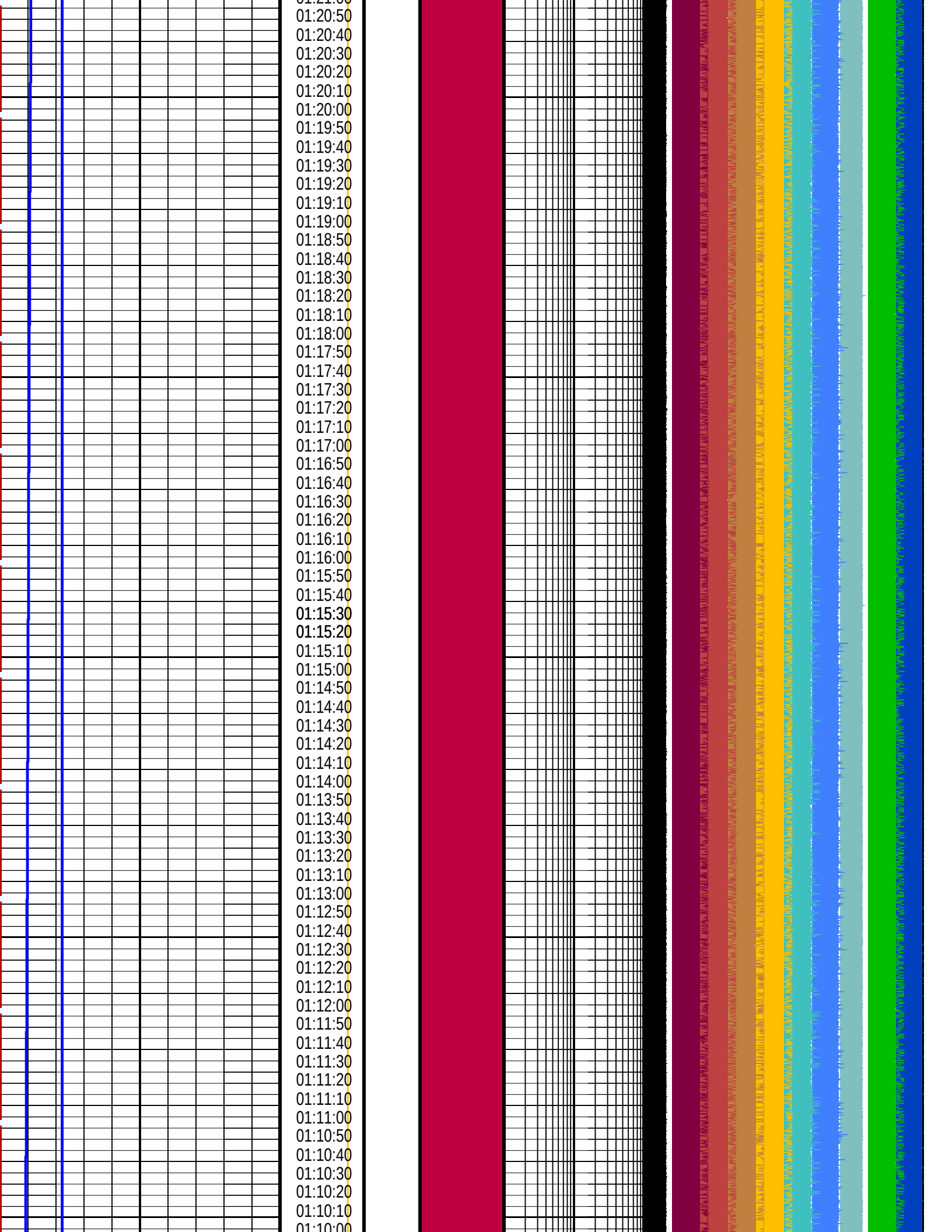

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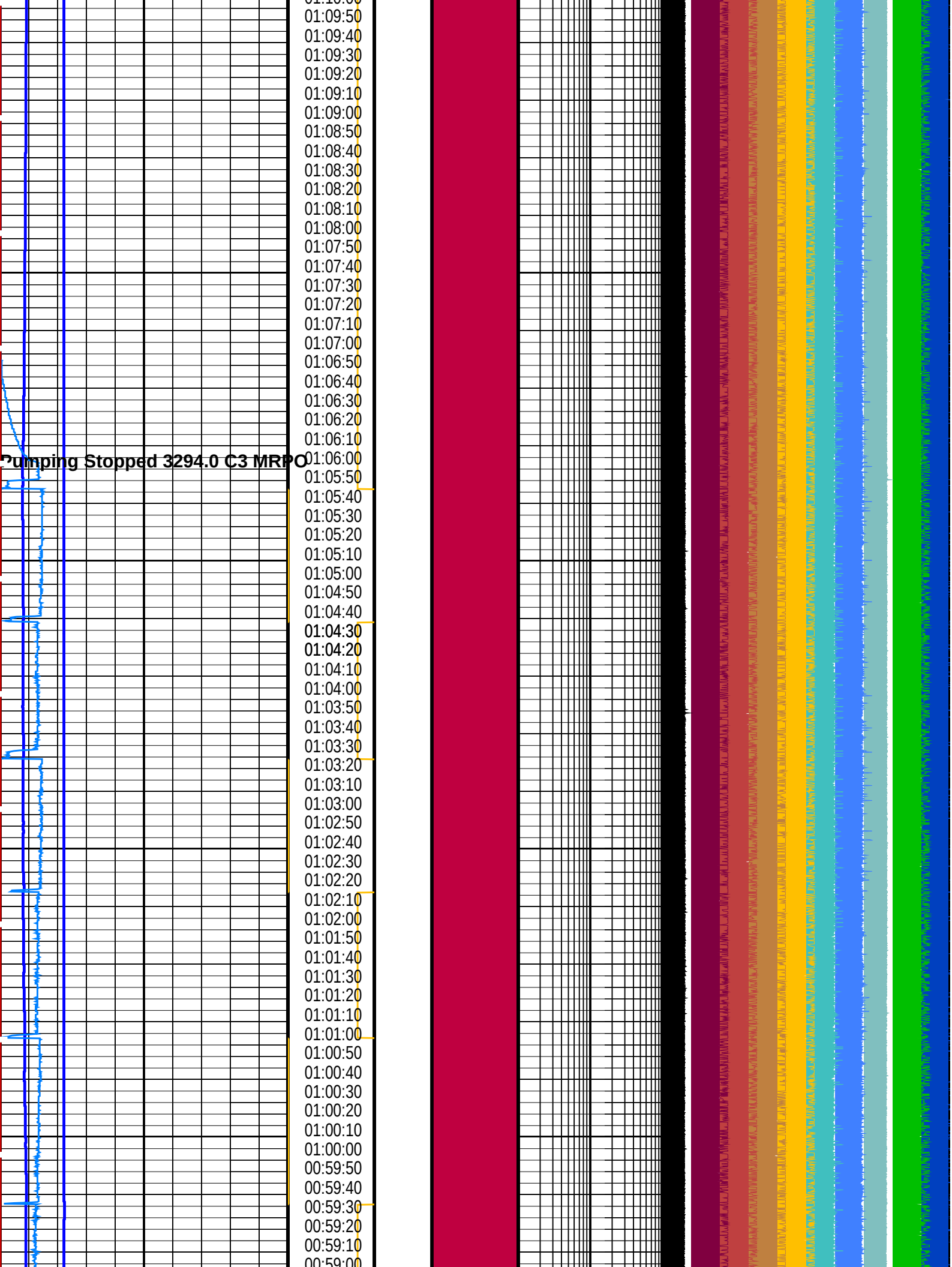

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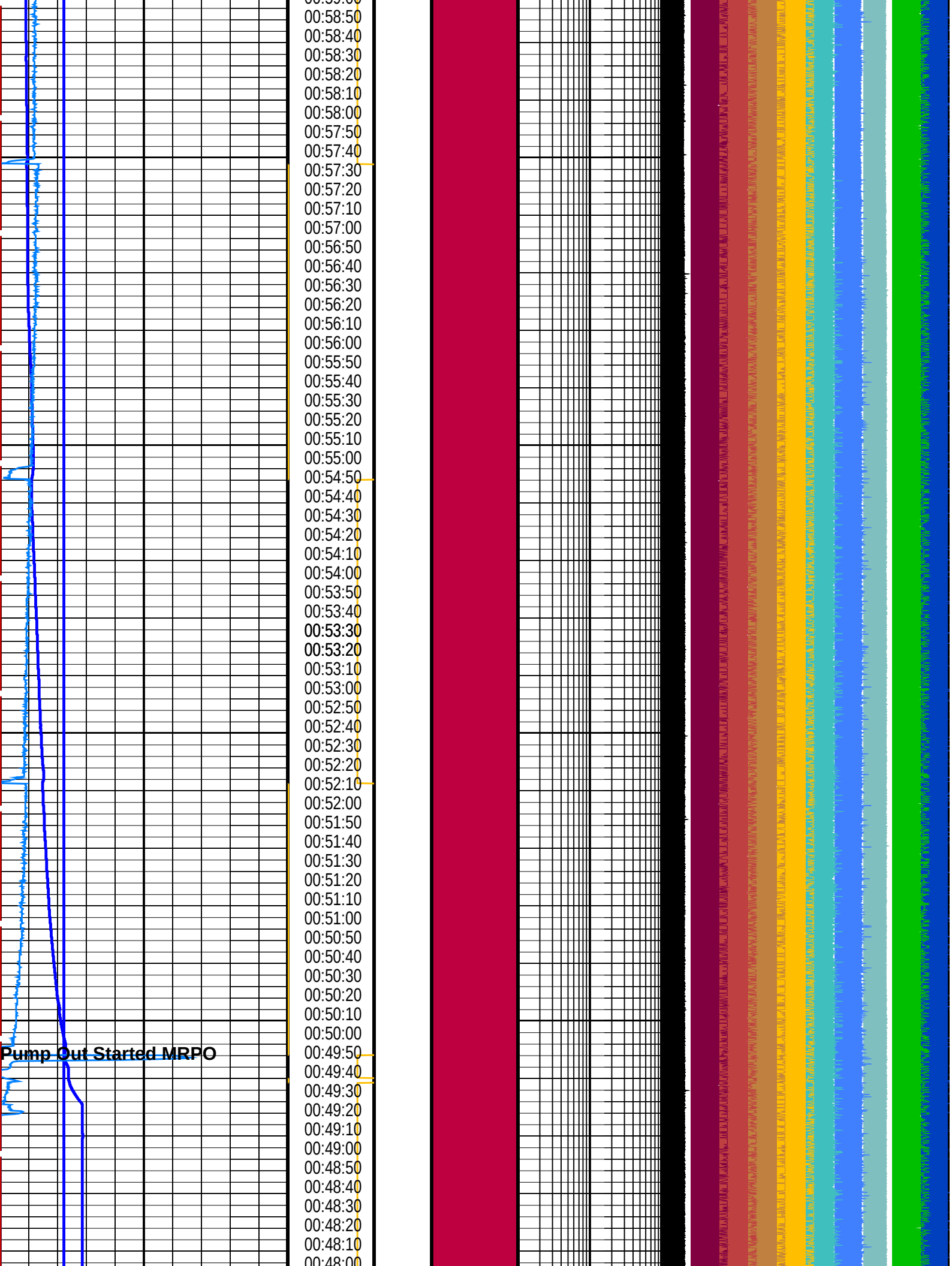

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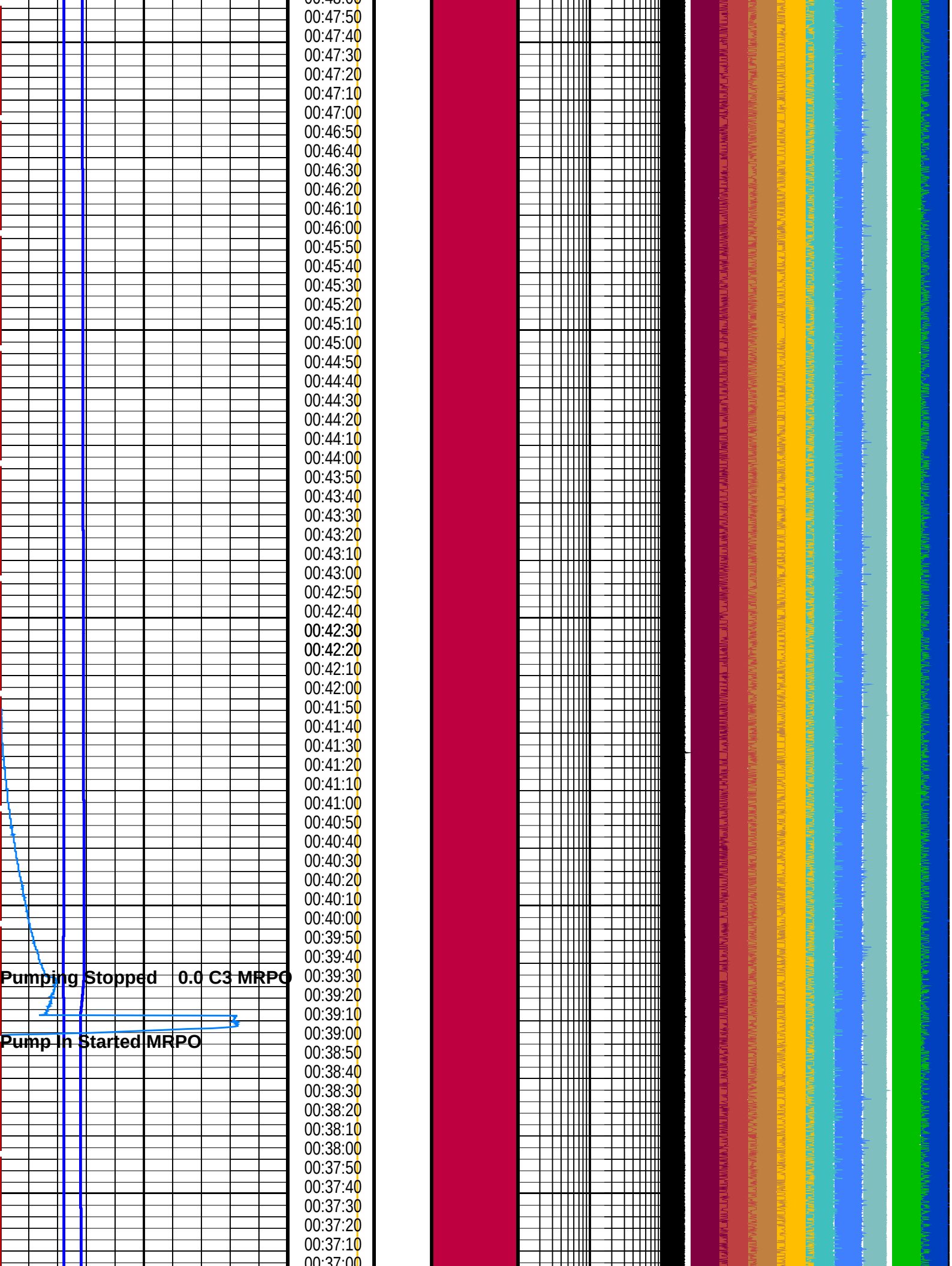

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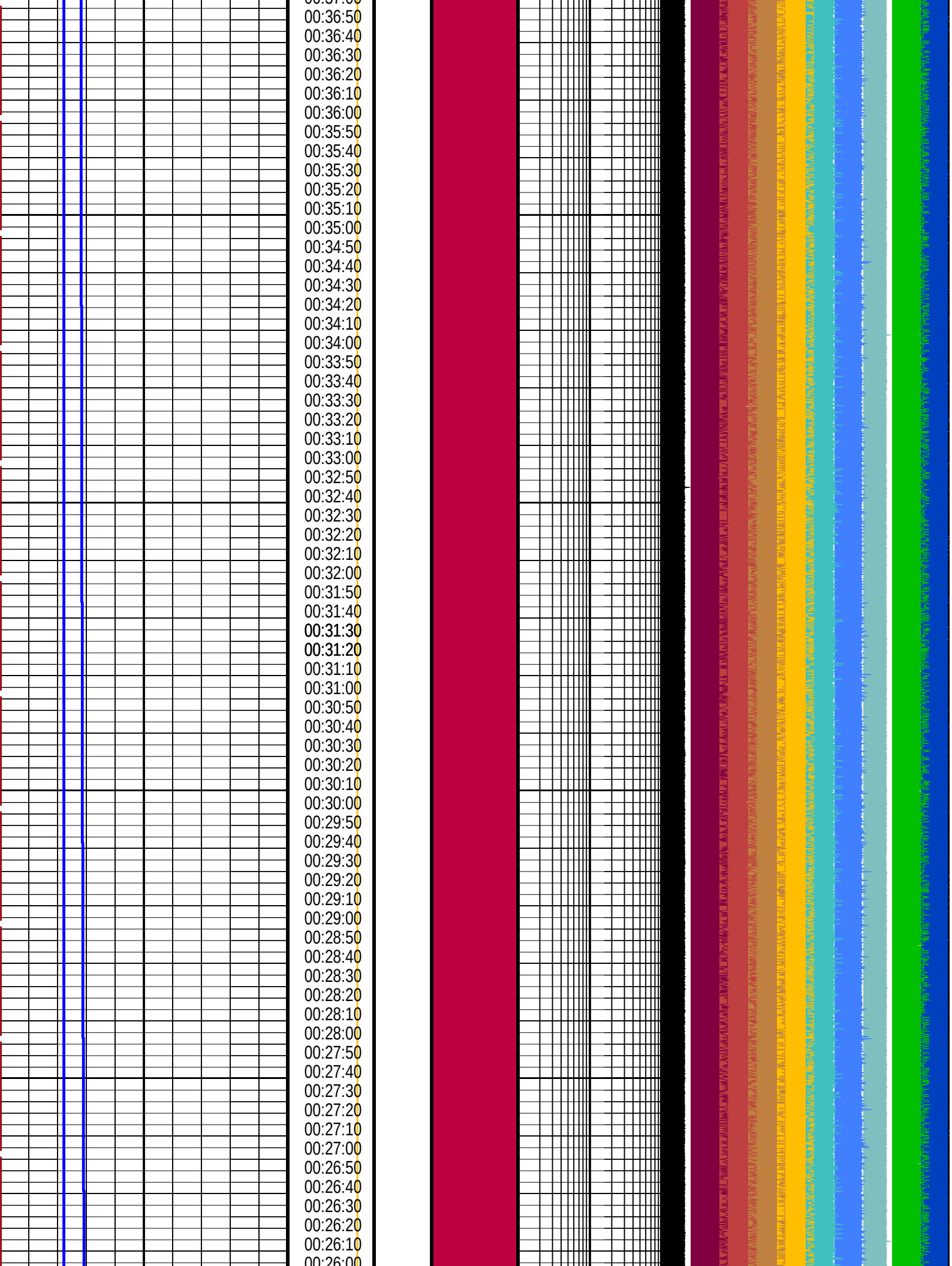

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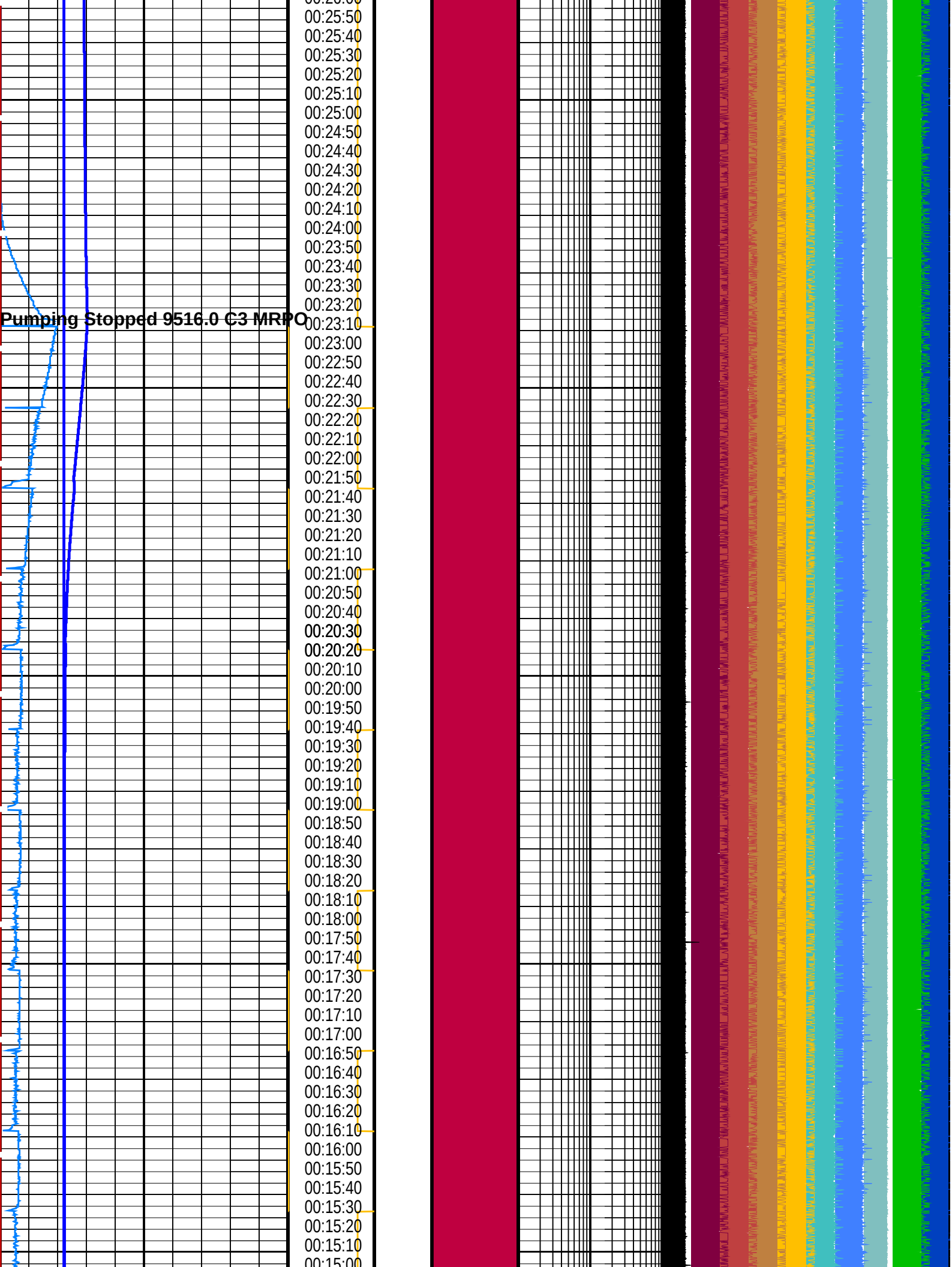

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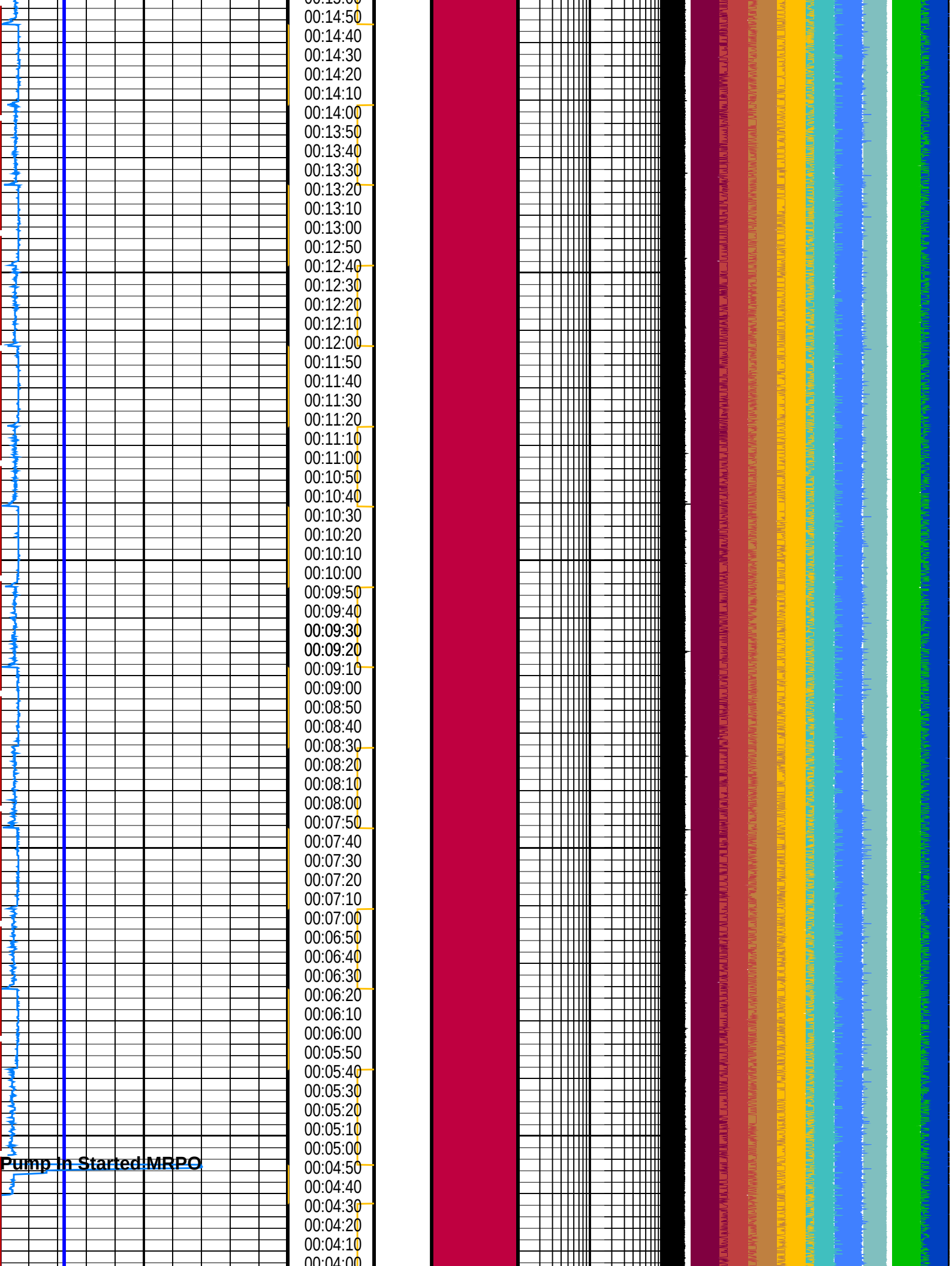

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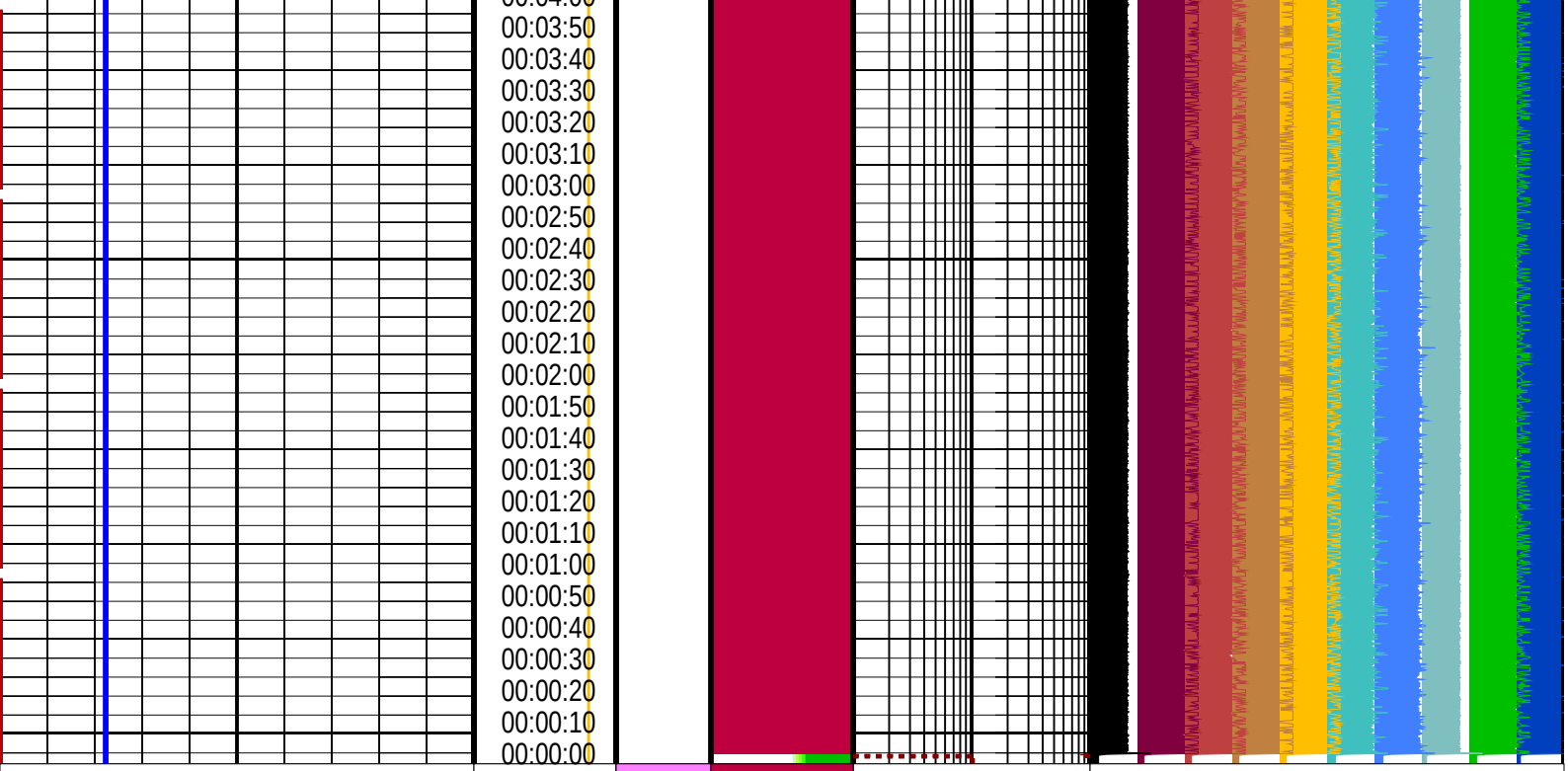

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Pump In Started MRPO
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MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	Elapsed Time (ETIM) (S)	Low Gas	Highly Absorbing Fluid	LFA Fluid Coloration (FCOL_LFA) 0.0001 (---- 0.01	LFA Optical Density Channel 0 (FAOD_LFA[0]) 0 (---- 40
MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Solenoid 3 Status (POS3) 5 (---- 0	Medium Gas	Water	LFA Fluid Coloration (FCOL_LFA) (---- 0.000001 0.0001	LFA Optical Density Channel 1 (FAOD_LFA[1]) −4 (---- 36
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 5000		High Gas	Oil		LFA Optical Density Channel 2 (FAOD_LFA[2]) −8 (---- 32
MRPA Quartz Gauge Pressure (PAQP) 0 (PSIA) 5000					LFA Optical Density Channel 3 (FAOD_LFA[3]) −12 (---- 28
MRPS 1 Flowline Fluid Resistivity (BFR1) 0 (OHMM) 2					LFA Optical Density Channel 4 (FAOD_LFA[4]) −16 (---- 24
					LFA Optical Density Channel 5 (FAOD_LFA[5]) −20 (---- 20
					LFA Optical Density Channel 6 (FAOD_LFA[6]) −24 (---- 16
					LFA Optical Density Channel 7 (FAOD_LFA[7]) −28 (---- 12
					LFA Optical Density Channel 8 (FAOD_LFA[8]) −32 (---- 8
					LFA Optical Density Channel 9 (FAOD_LFA[9]) −36 (---- 4

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
CEXP_LFA	LFA Coloration Exponent	4.6	
DCDW_LFA	LFA Decolor and Dewater Allow/Disallow for Gas Oil Ratio	ALLOW	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
ODTMP_LFA	LFA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: LFA **Vertical Scale: 1" per 60S** **Graphics File Created: 16−Feb−2007 14:17**

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_093LTP	FN:104	PRODUCER	16−Feb−2007 14:17	

Output DLIS Files

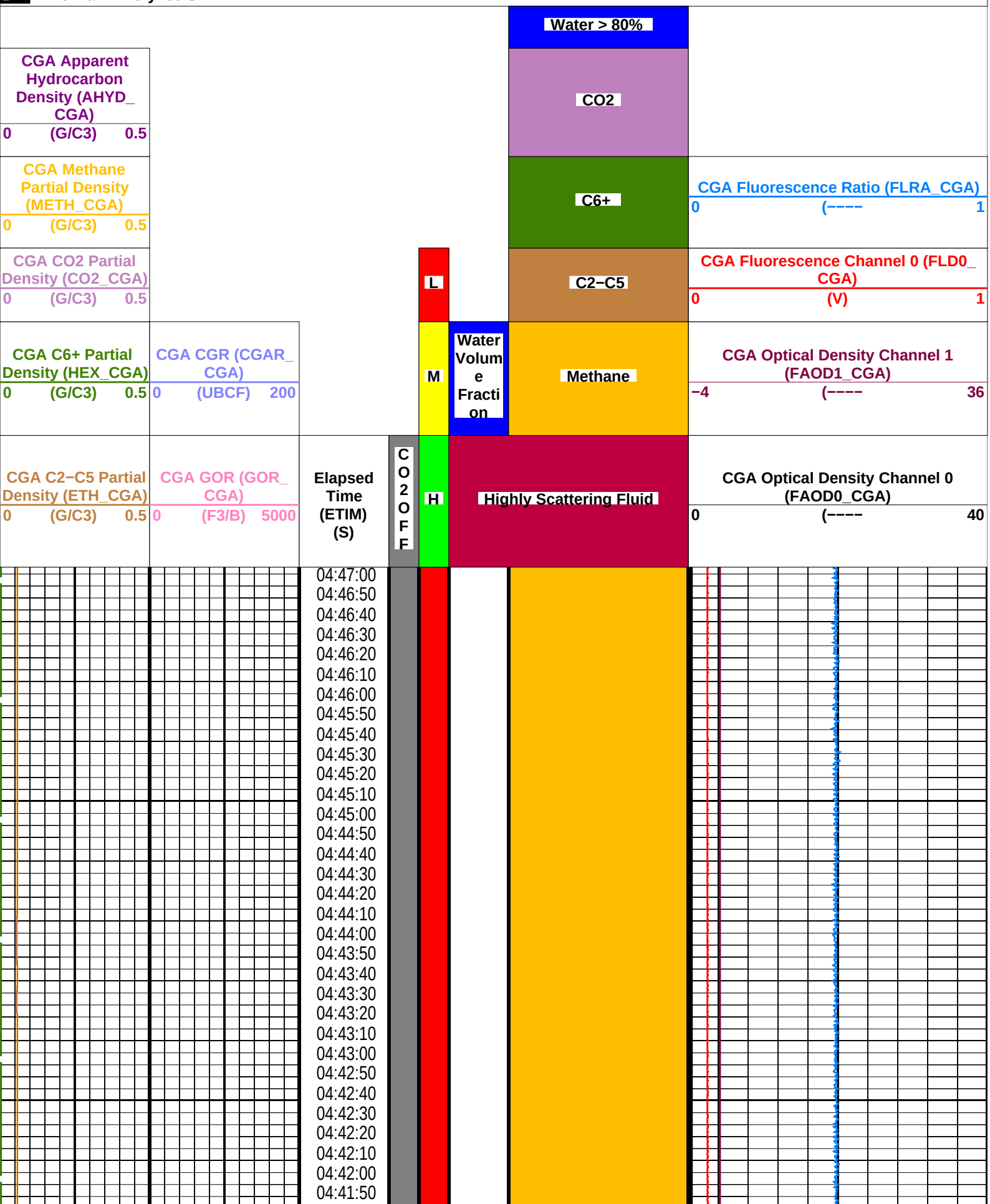
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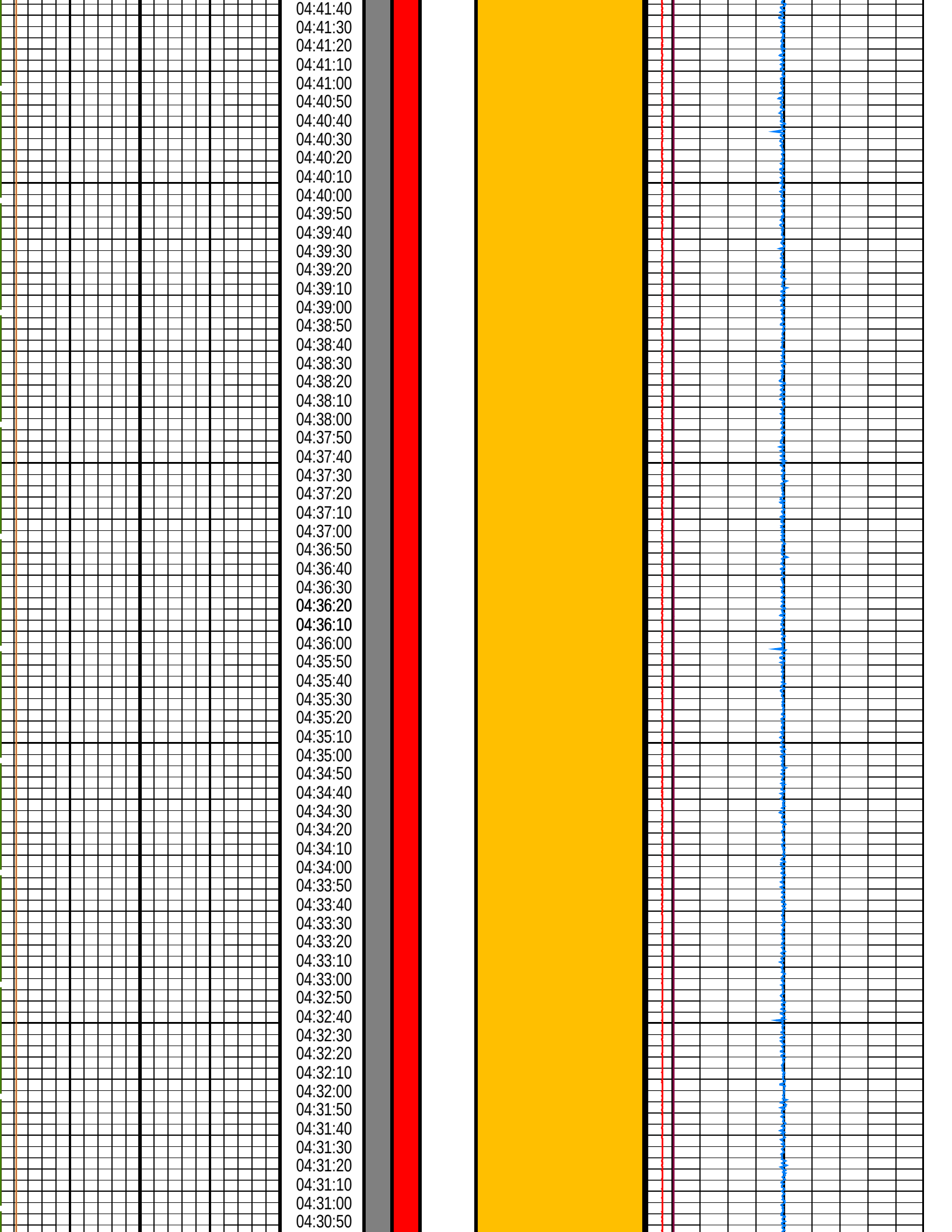
Elapsed Time (s)	Event Summary
10555.8	Pumping Stopped 26718.0 C3 Dual Pumpout Module (MRPO)
9628.5	Seal MDT Multi−Sample (MRMS) 1, bottle 1
9199.8	Open MDT Multi−Sample (MRMS) 1, bottle 1, sample number = 1
8472.0	Seal Sample Chamber Module 2 (1 Gallon, H2S)
7127.7	Pump Out Started Dual Pumpout Module (MRPO)
3962.1	Pumping Stopped 3294.0 C3 Dual Pumpout Module (MRPO)
2992.8	Pump Out Started Dual Pumpout Module (MRPO)
2372.7	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
2339.1	Pump In Started Dual Pumpout Module (MRPO)
1395.9	Pumping Stopped 9516.0 C3 Dual Pumpout Module (MRPO)
295.8	Pump In Started Dual Pumpout Module (MRPO)

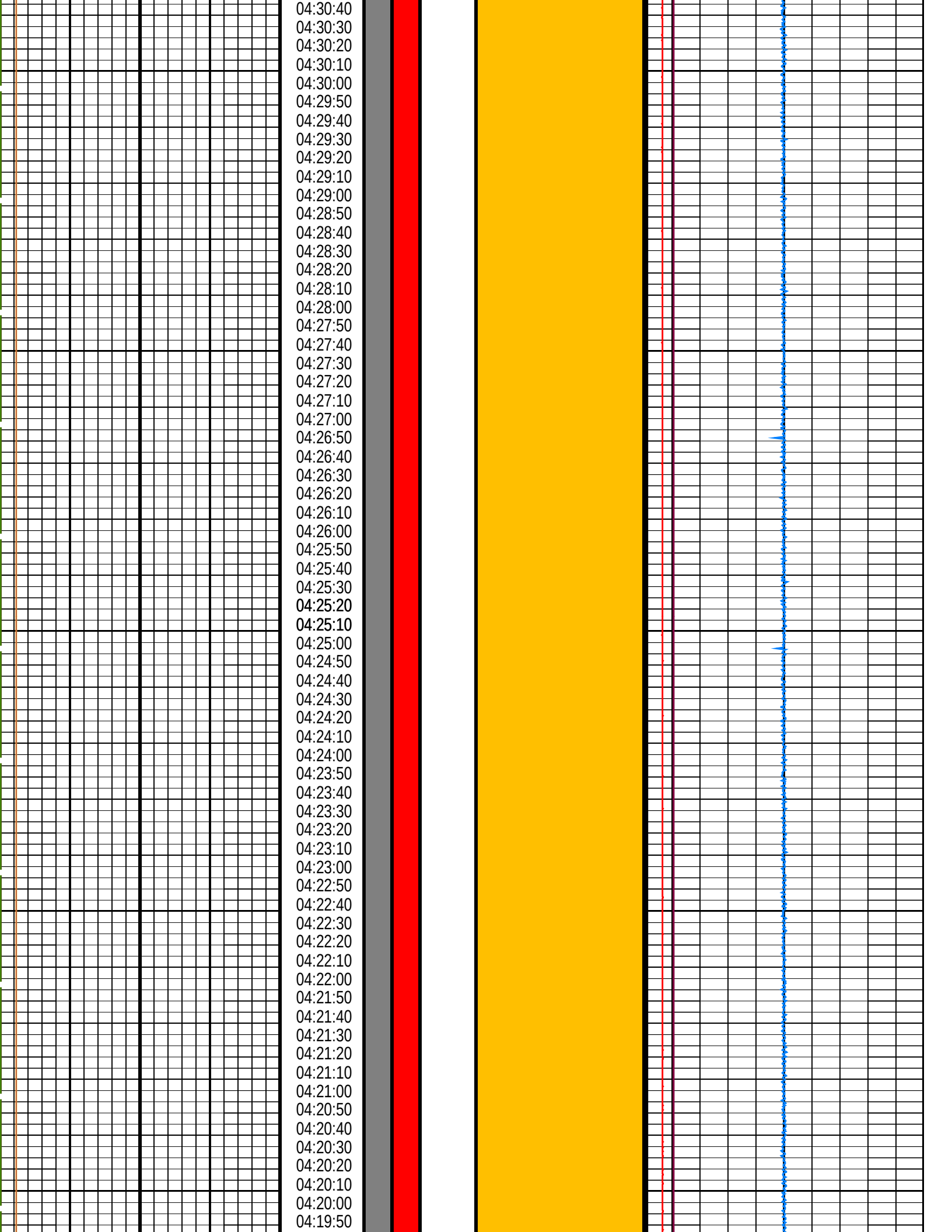
295.8	Pump In Started Dual Pumpout Module (MRPO)

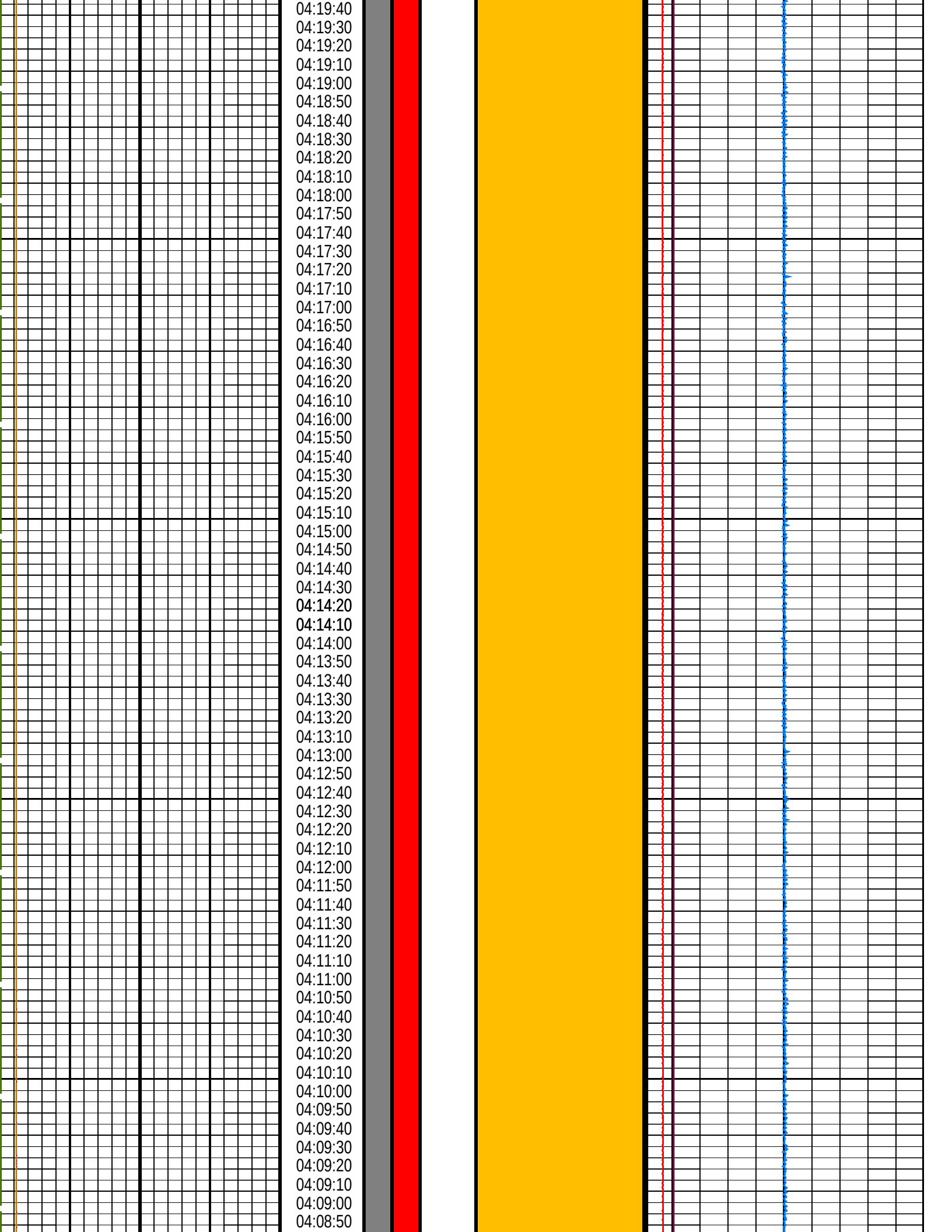
PIP SUMMARY

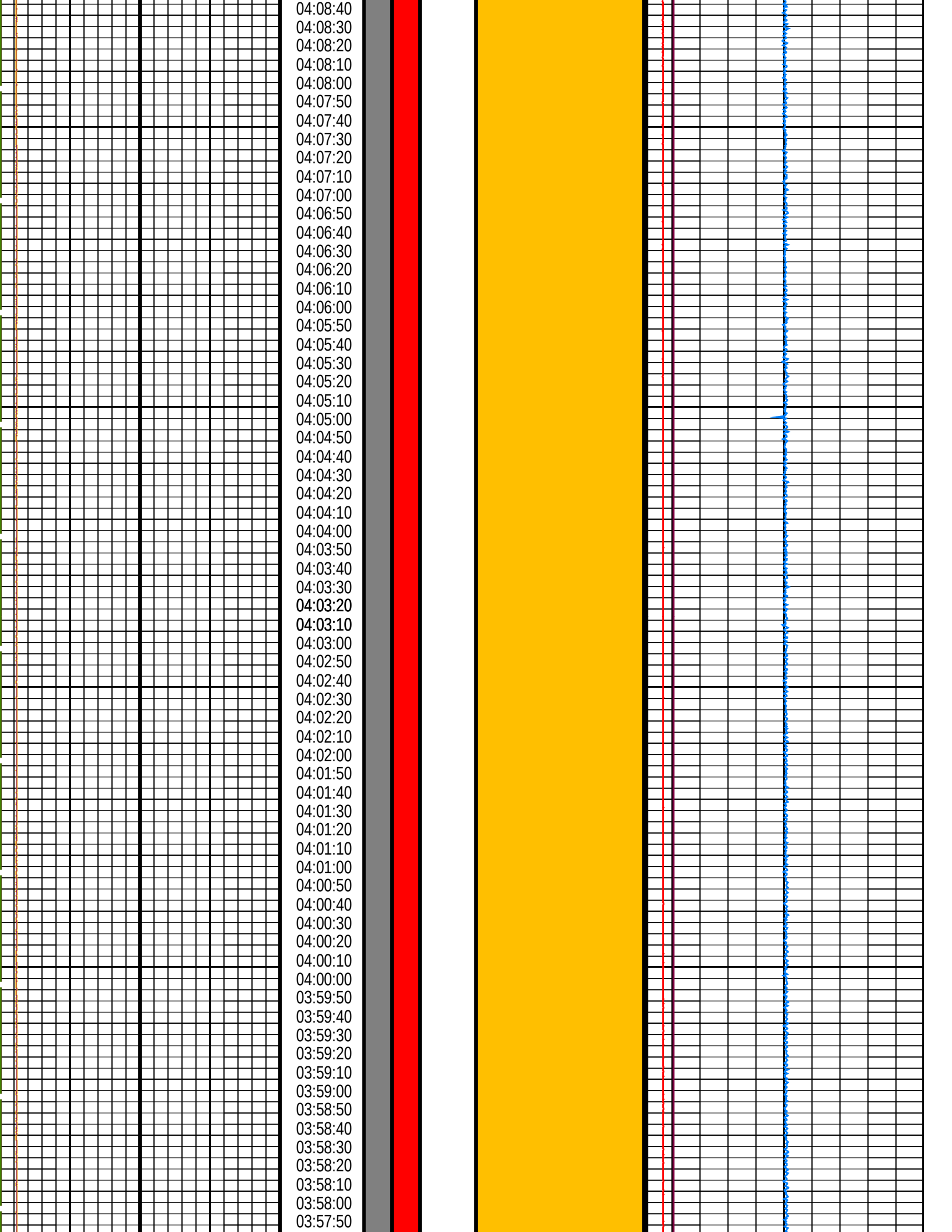
Time Mark Every 60 S

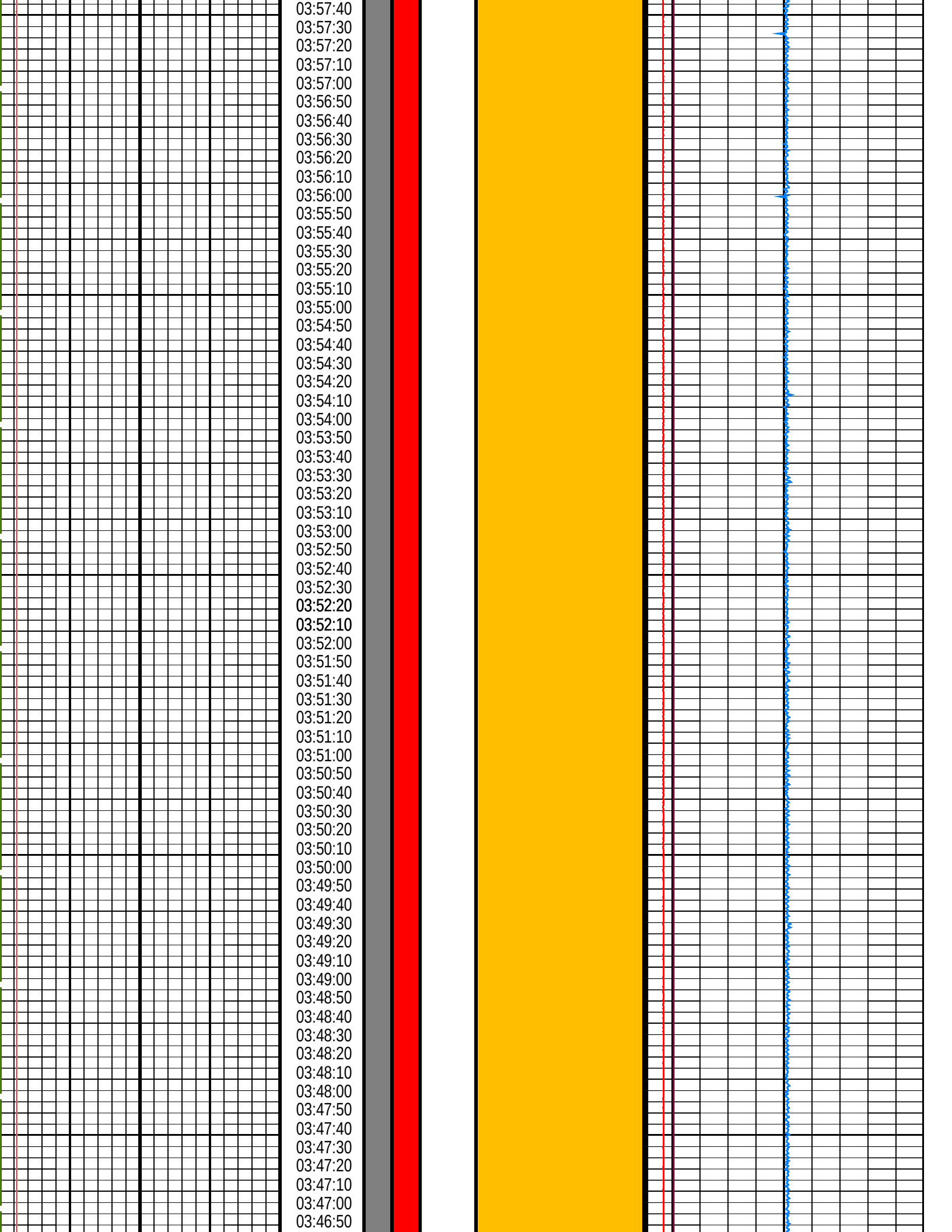


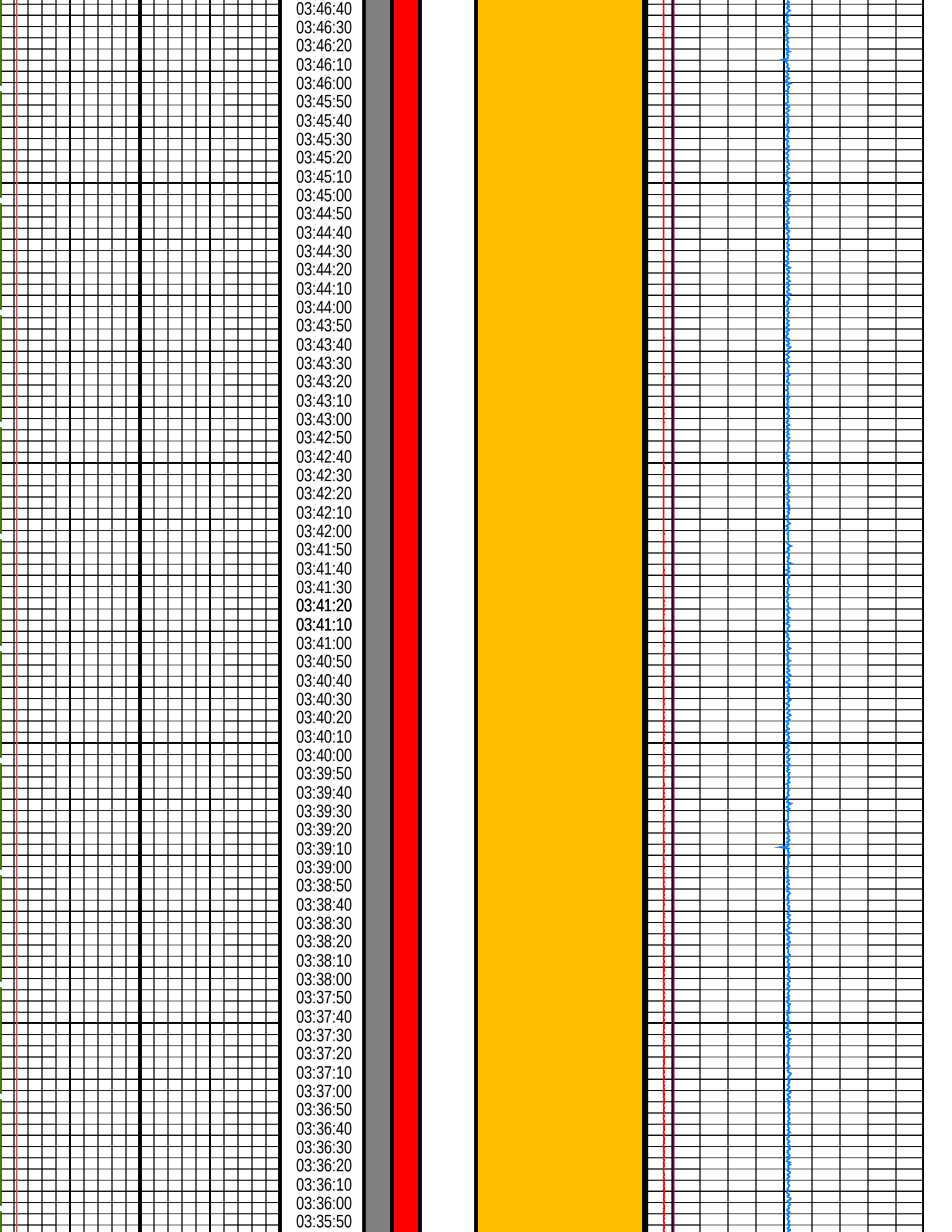

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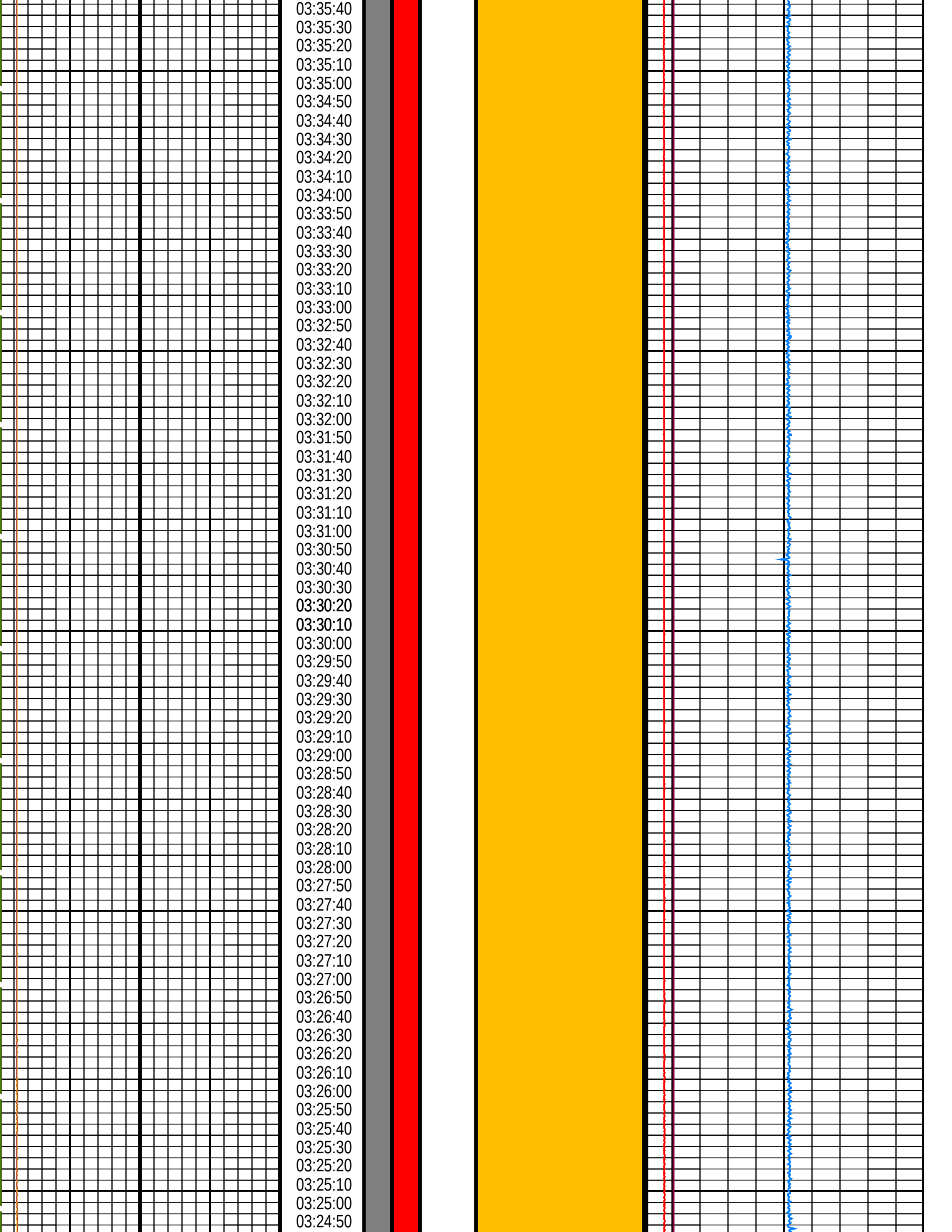

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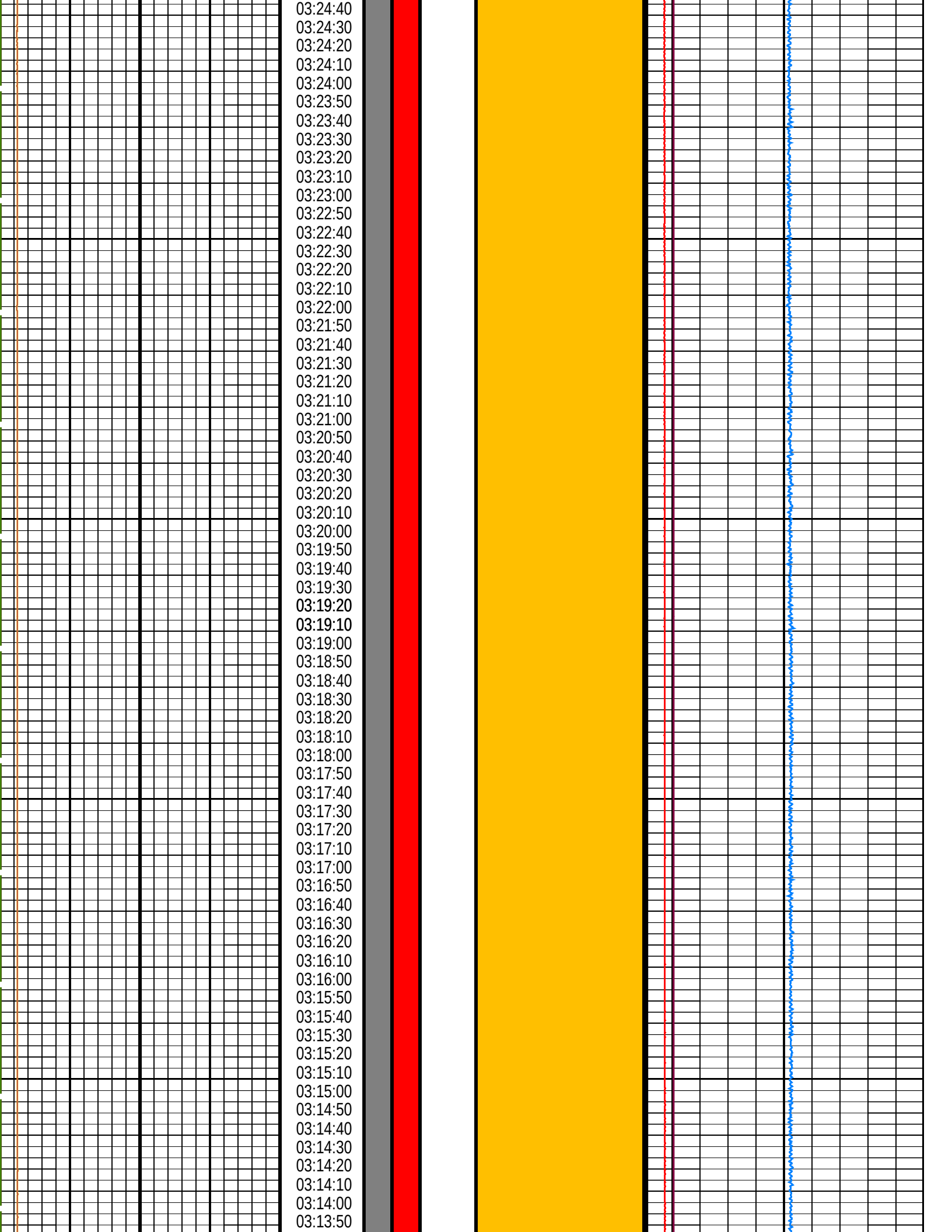

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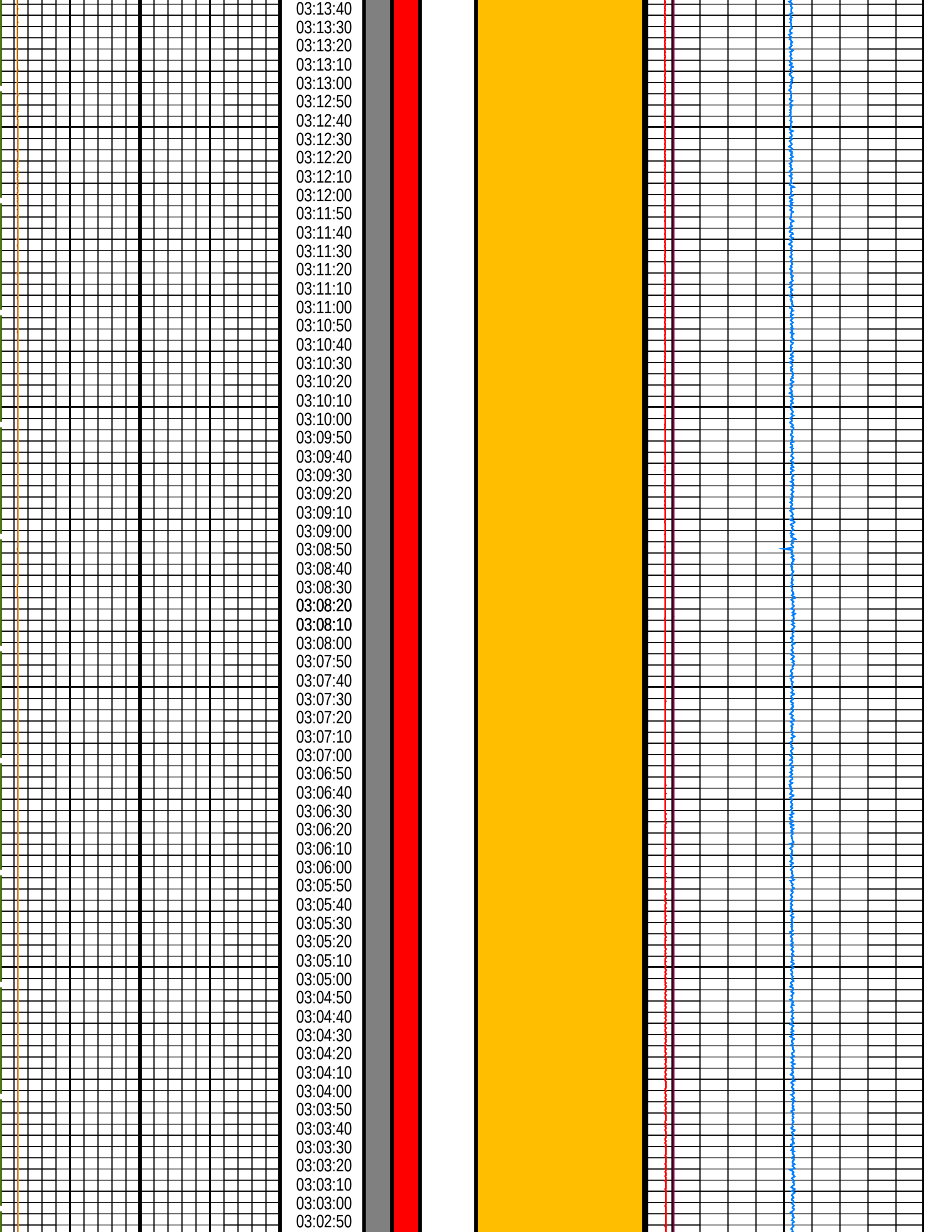

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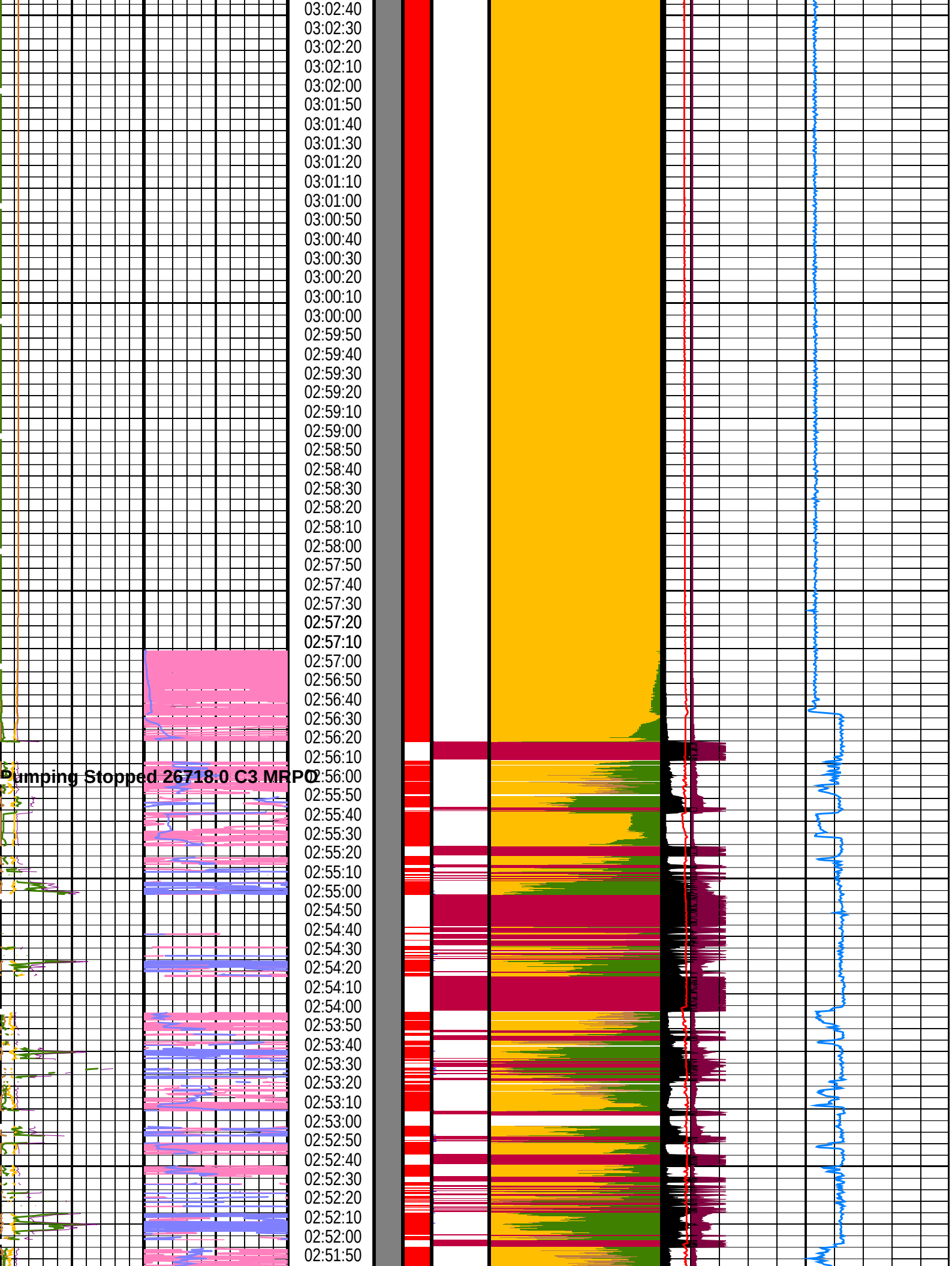

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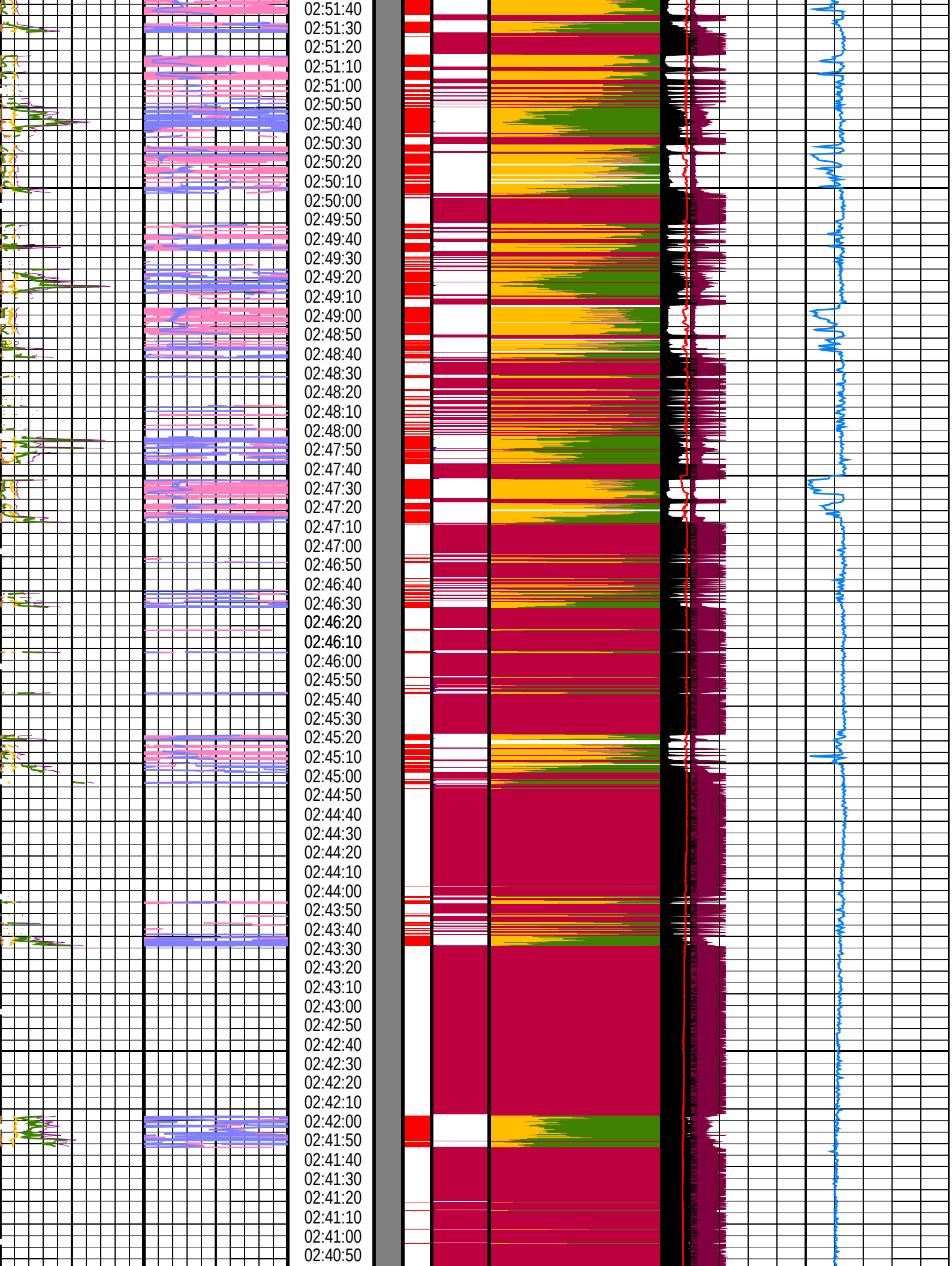

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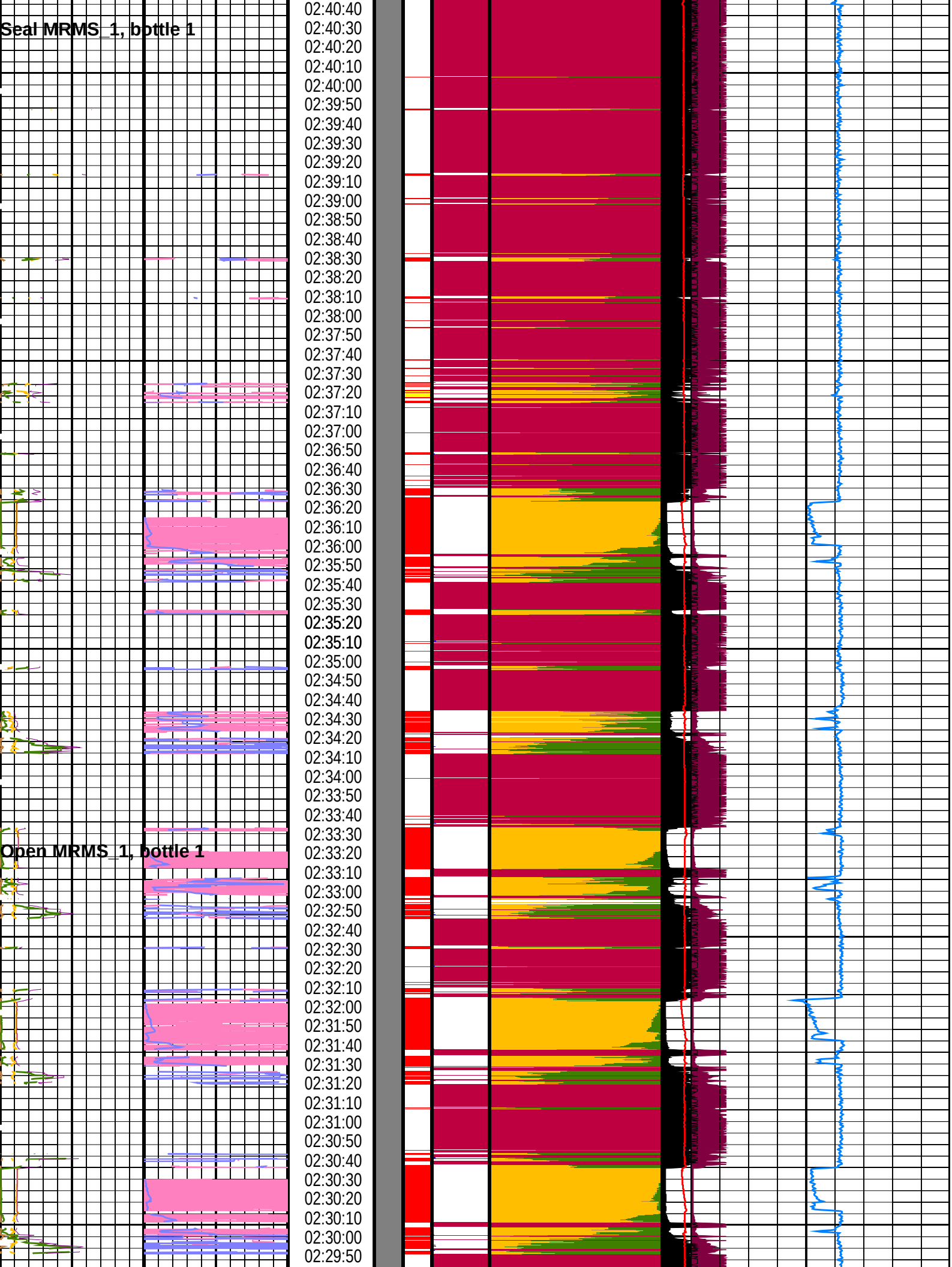

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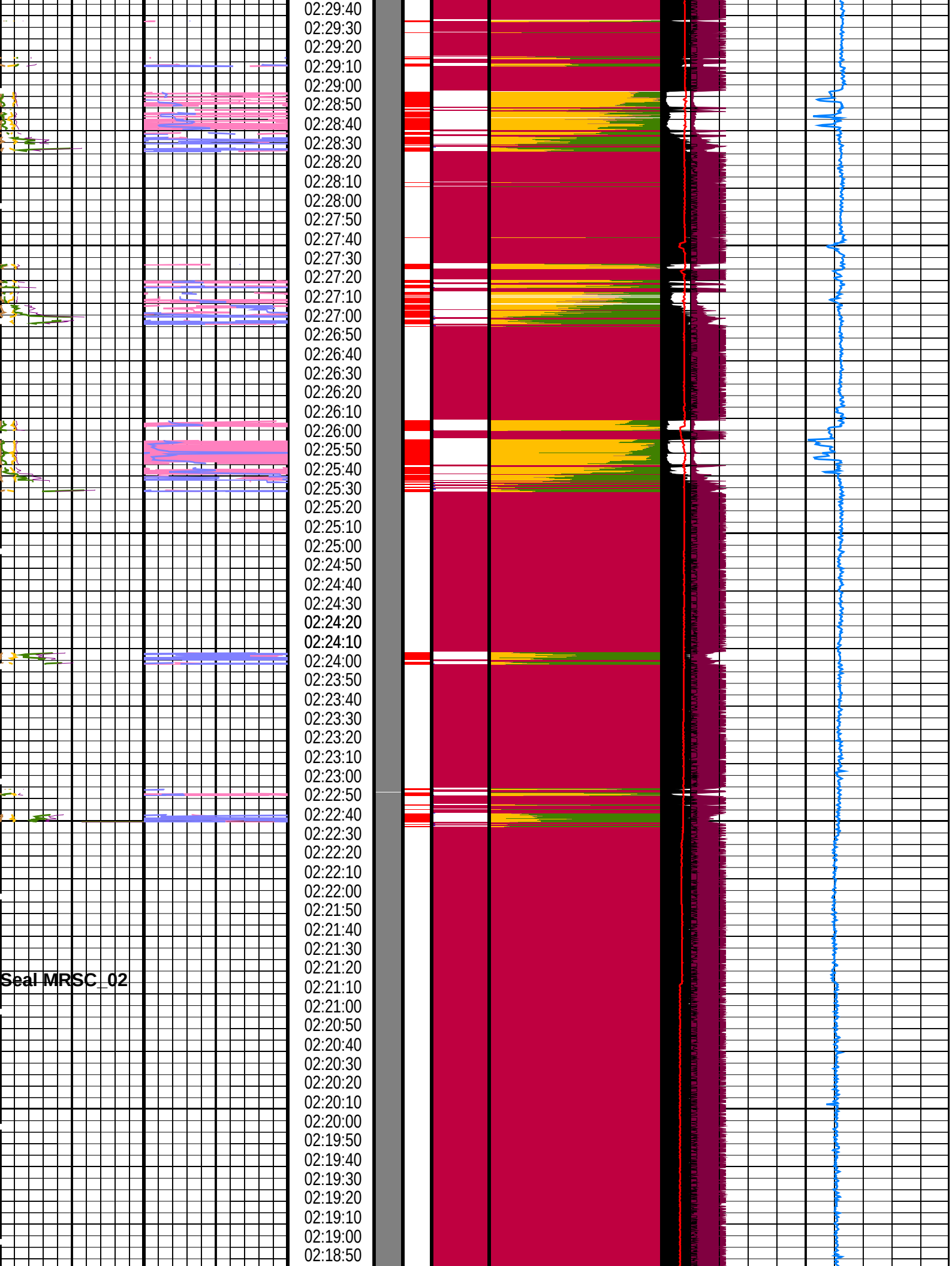

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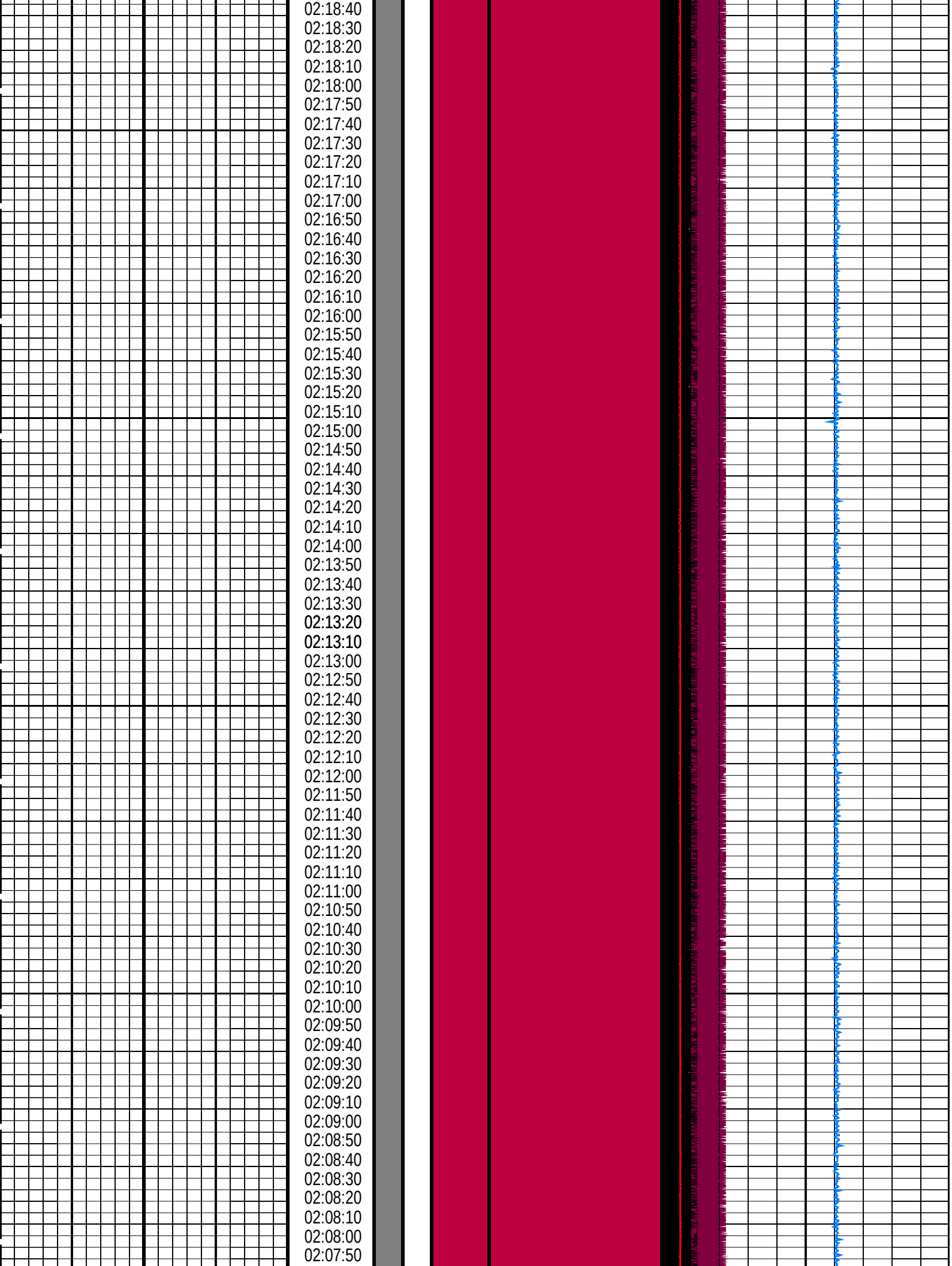

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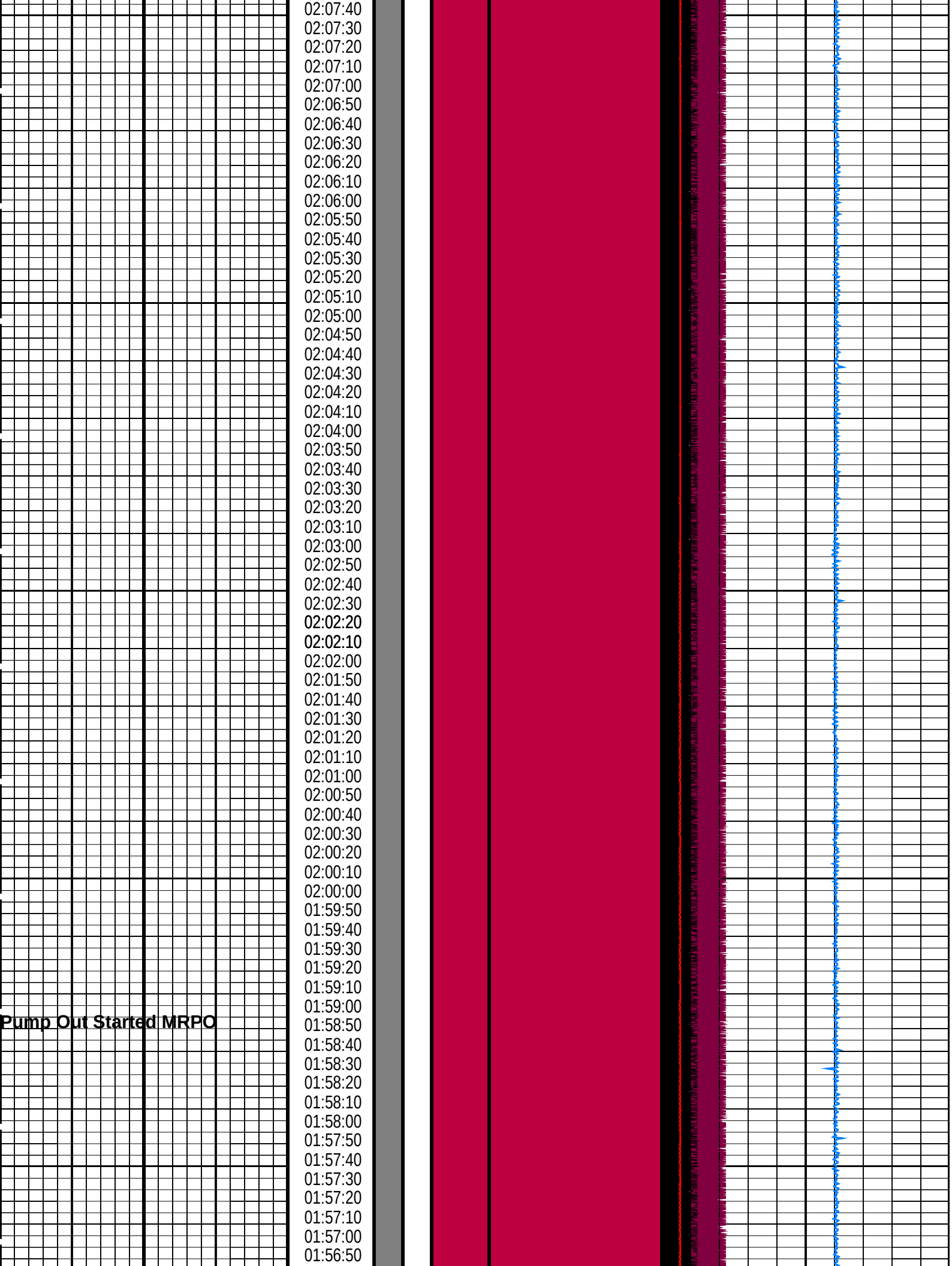

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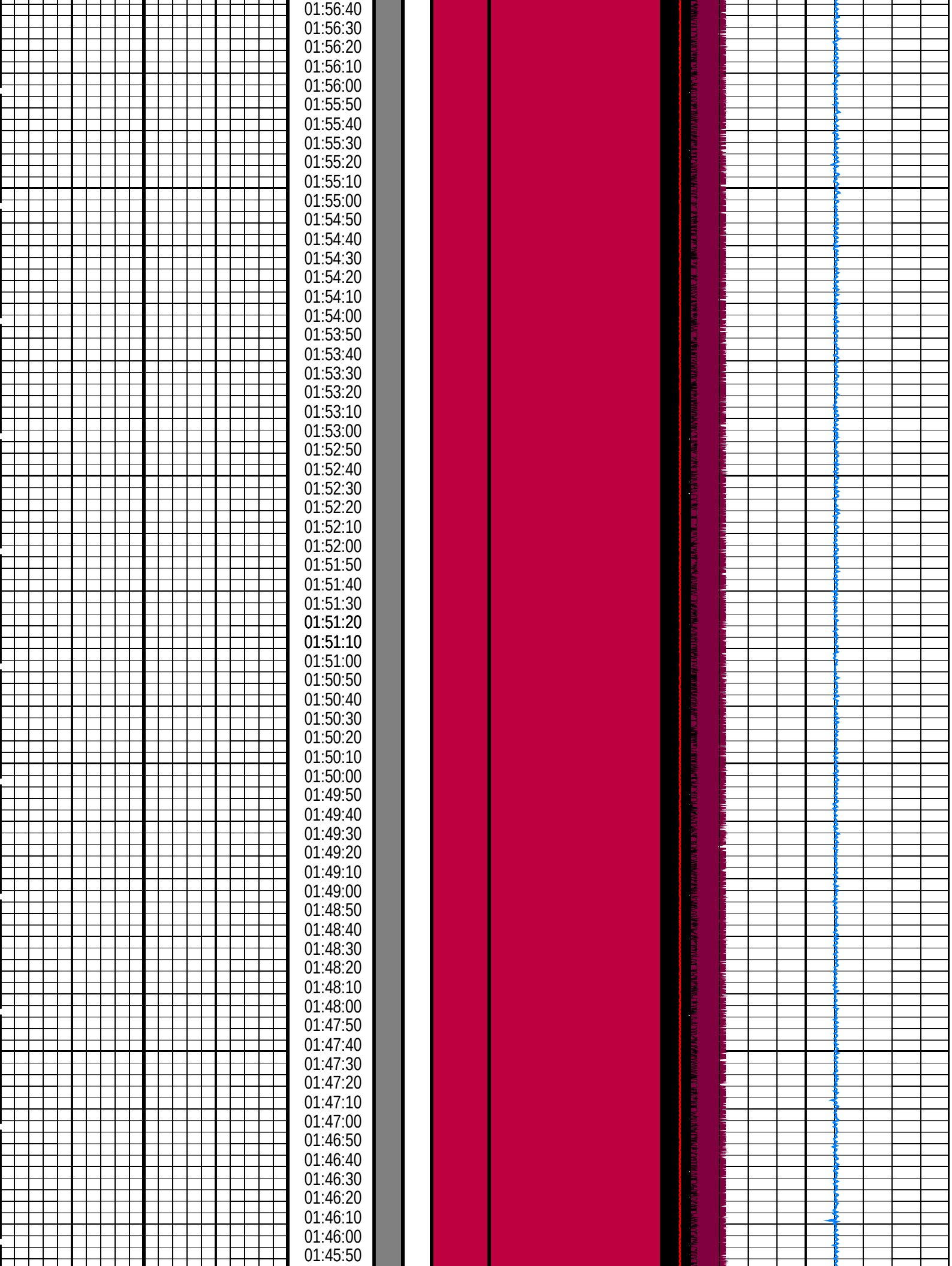

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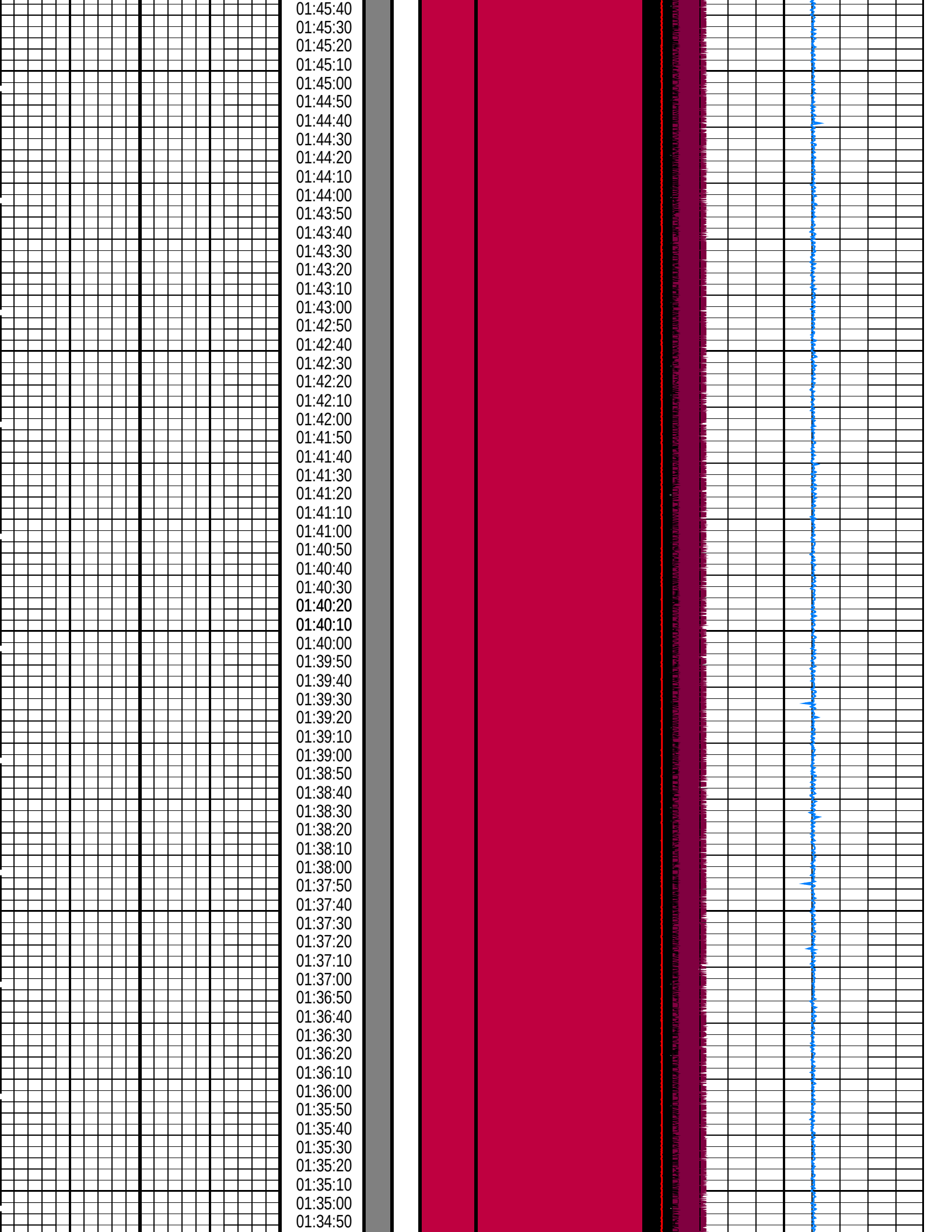

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Open MRMS_1, bottle 1
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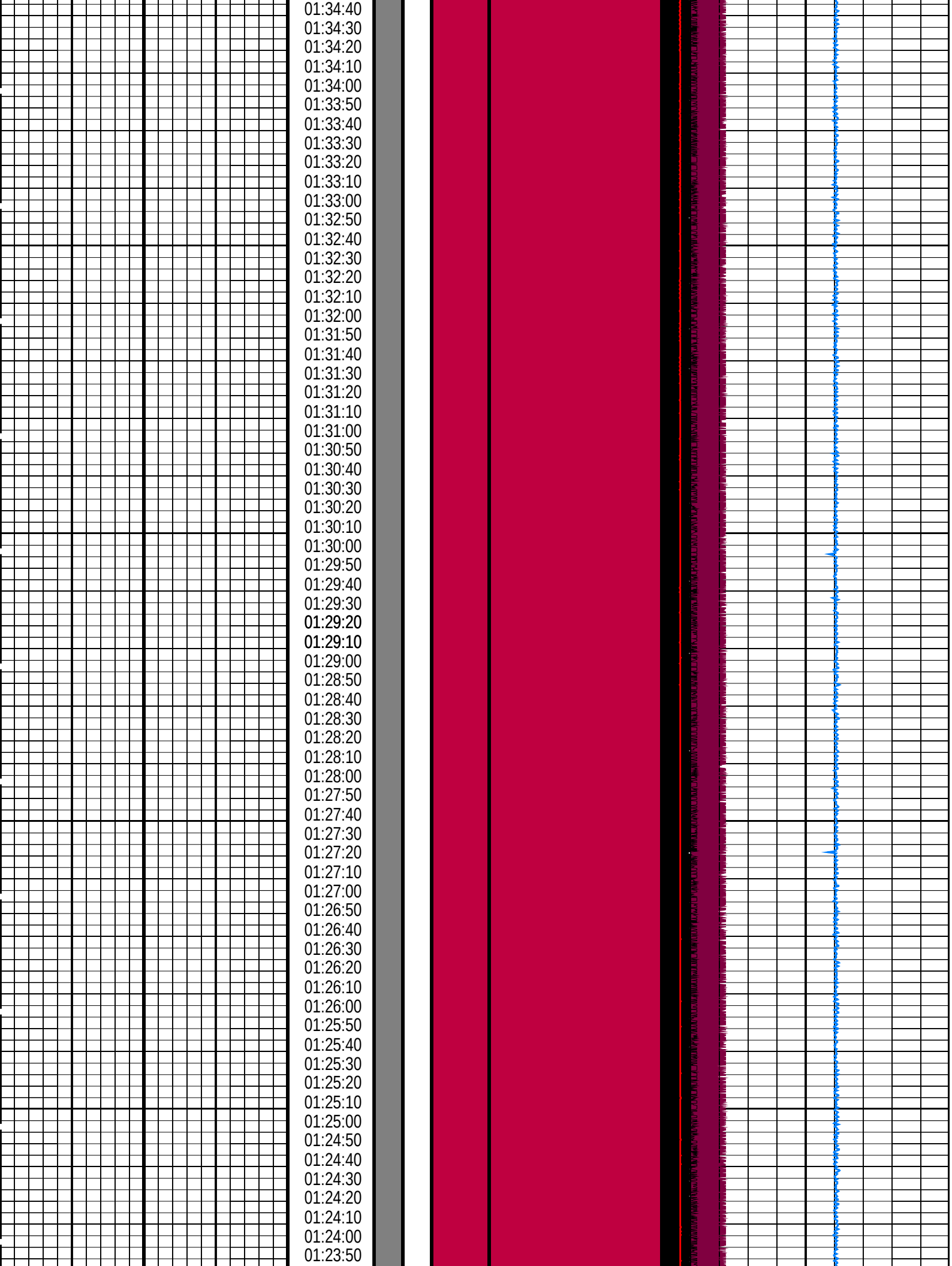

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Seal MRSC_02

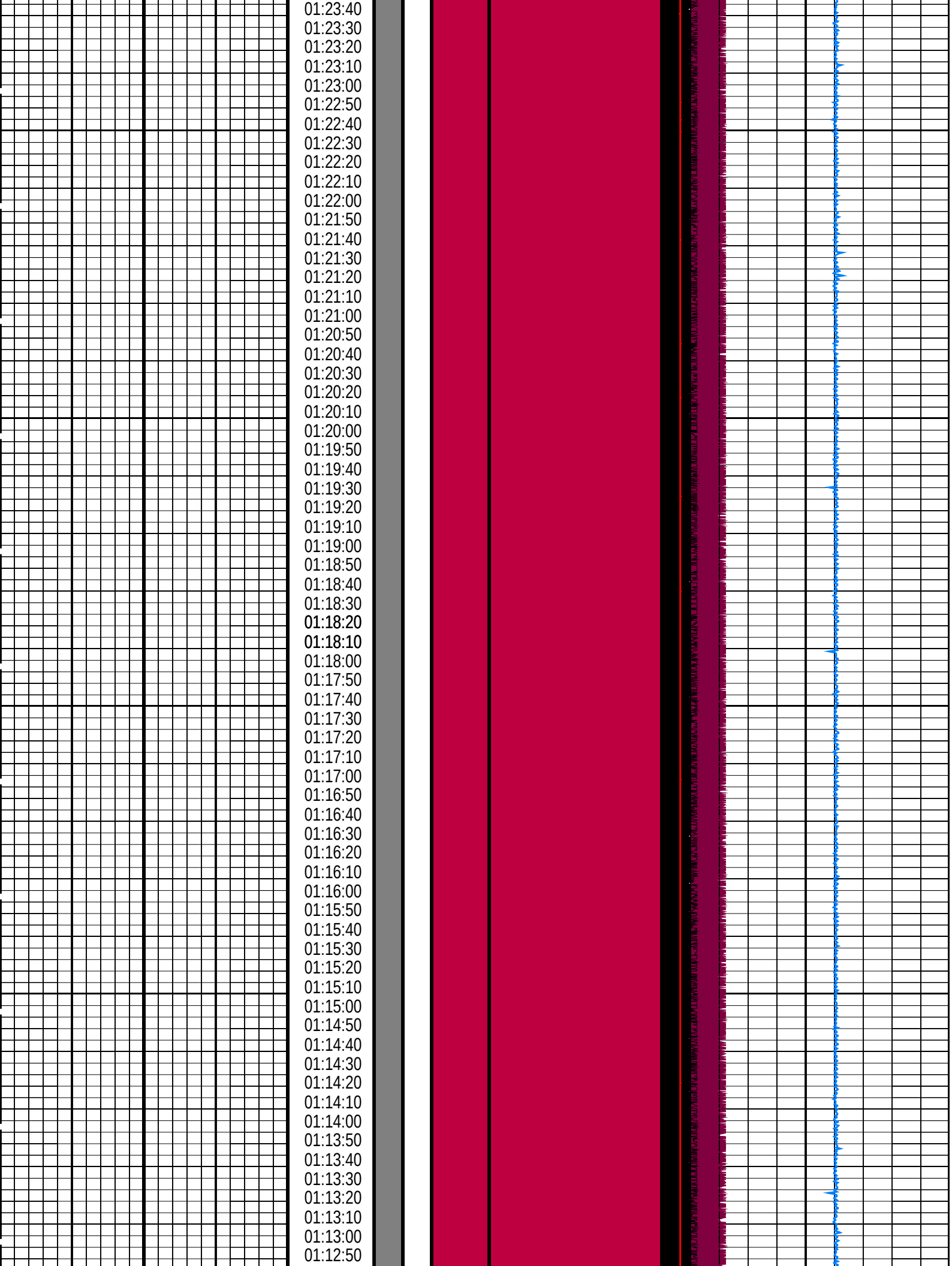

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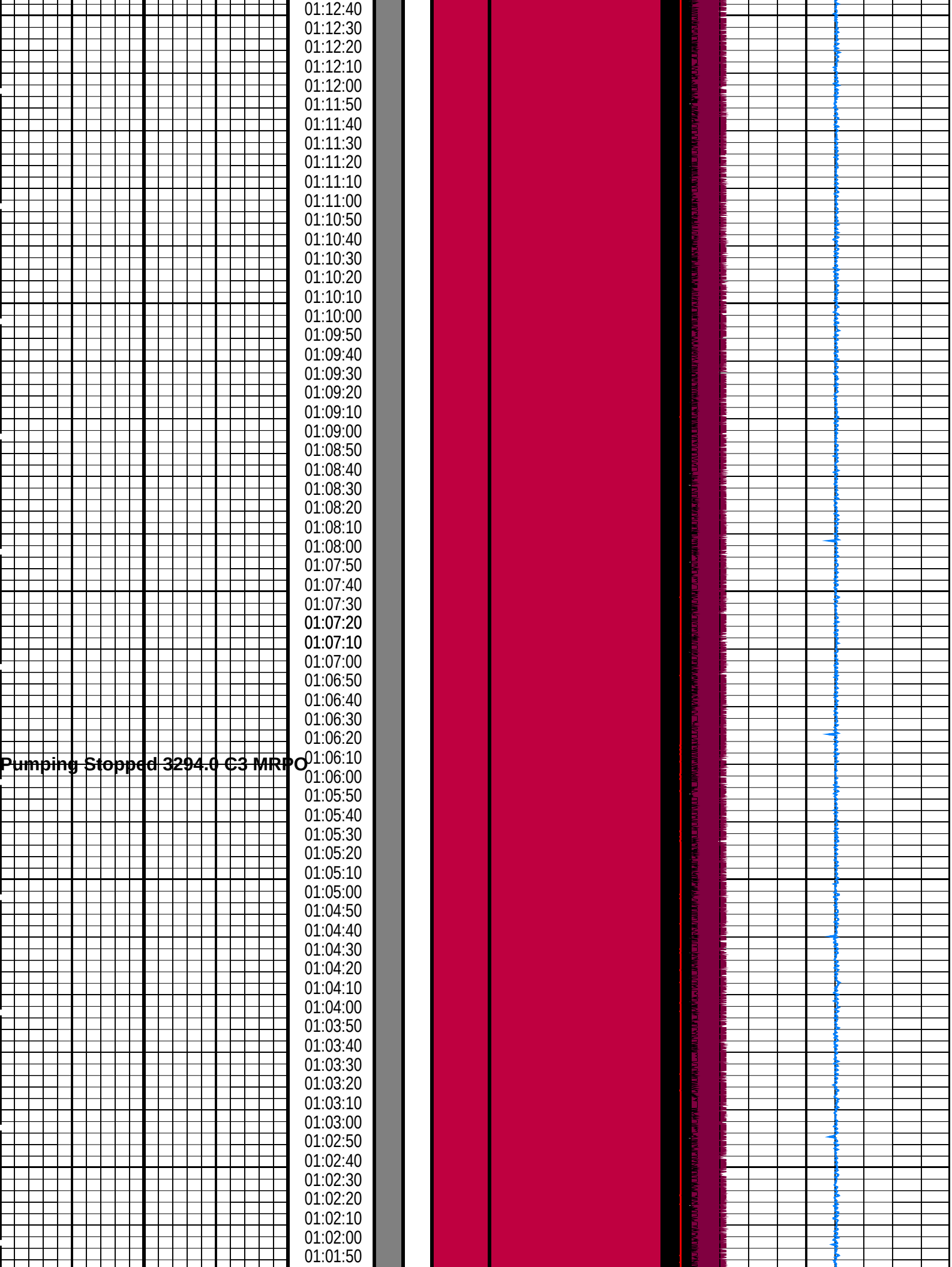

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Pump Out Started MRPO
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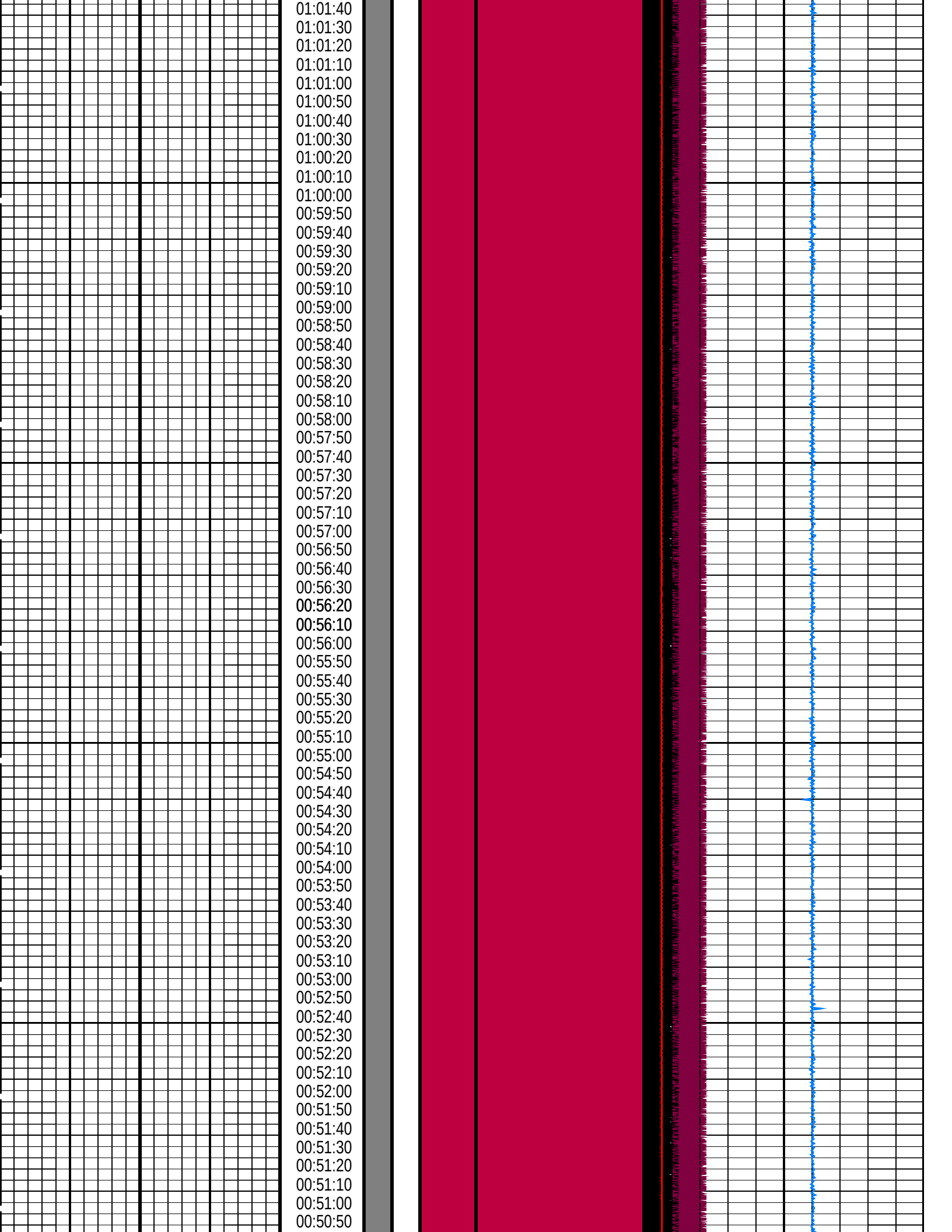

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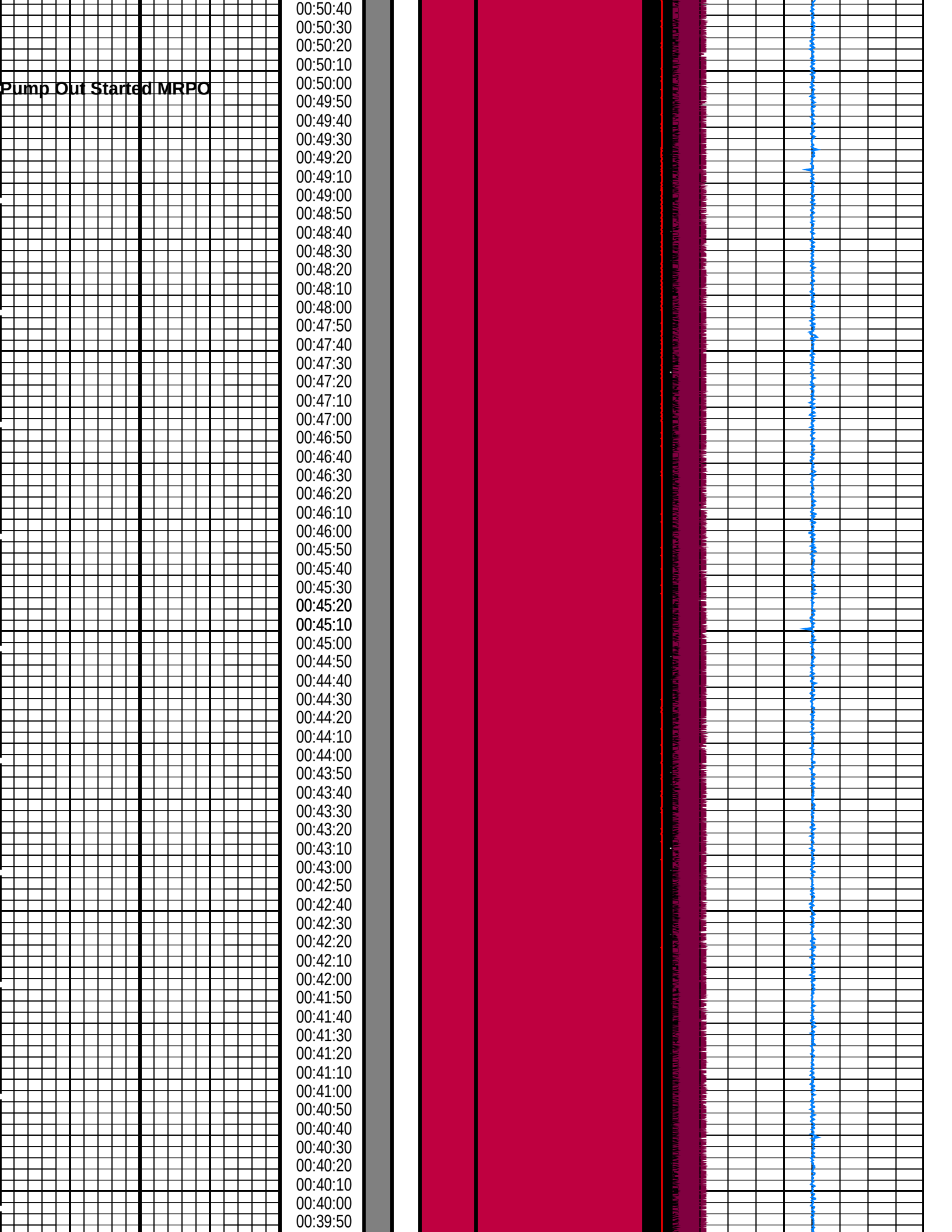

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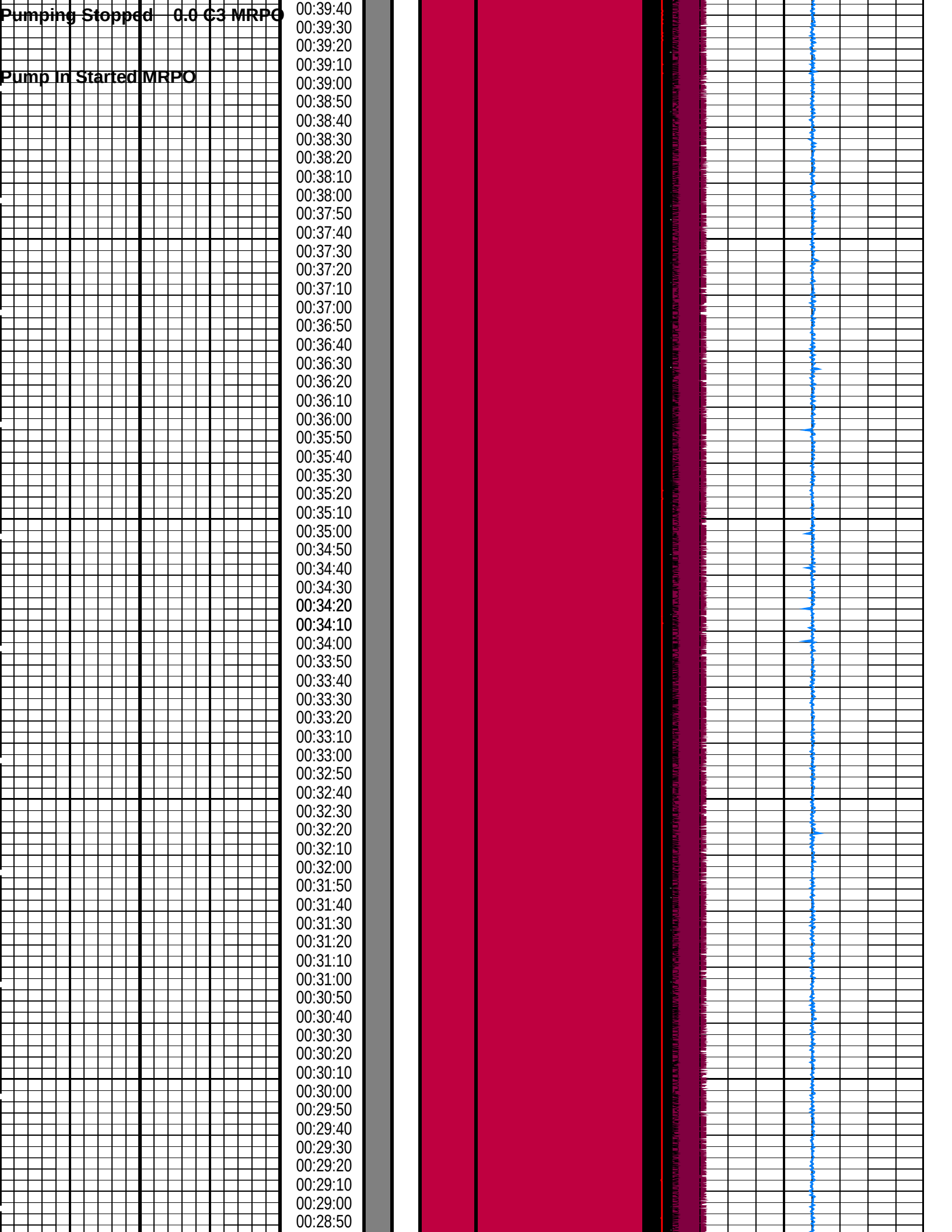

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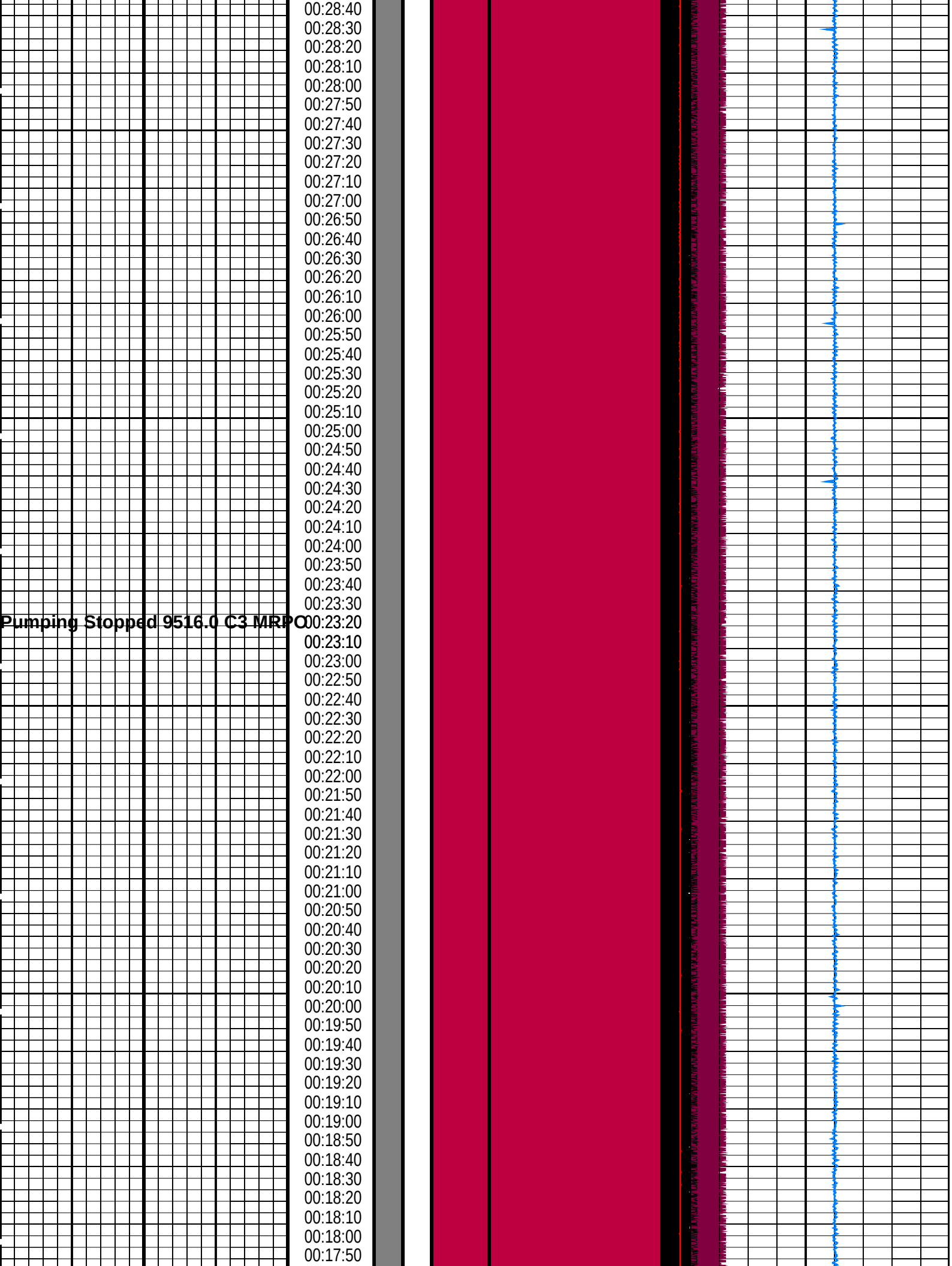

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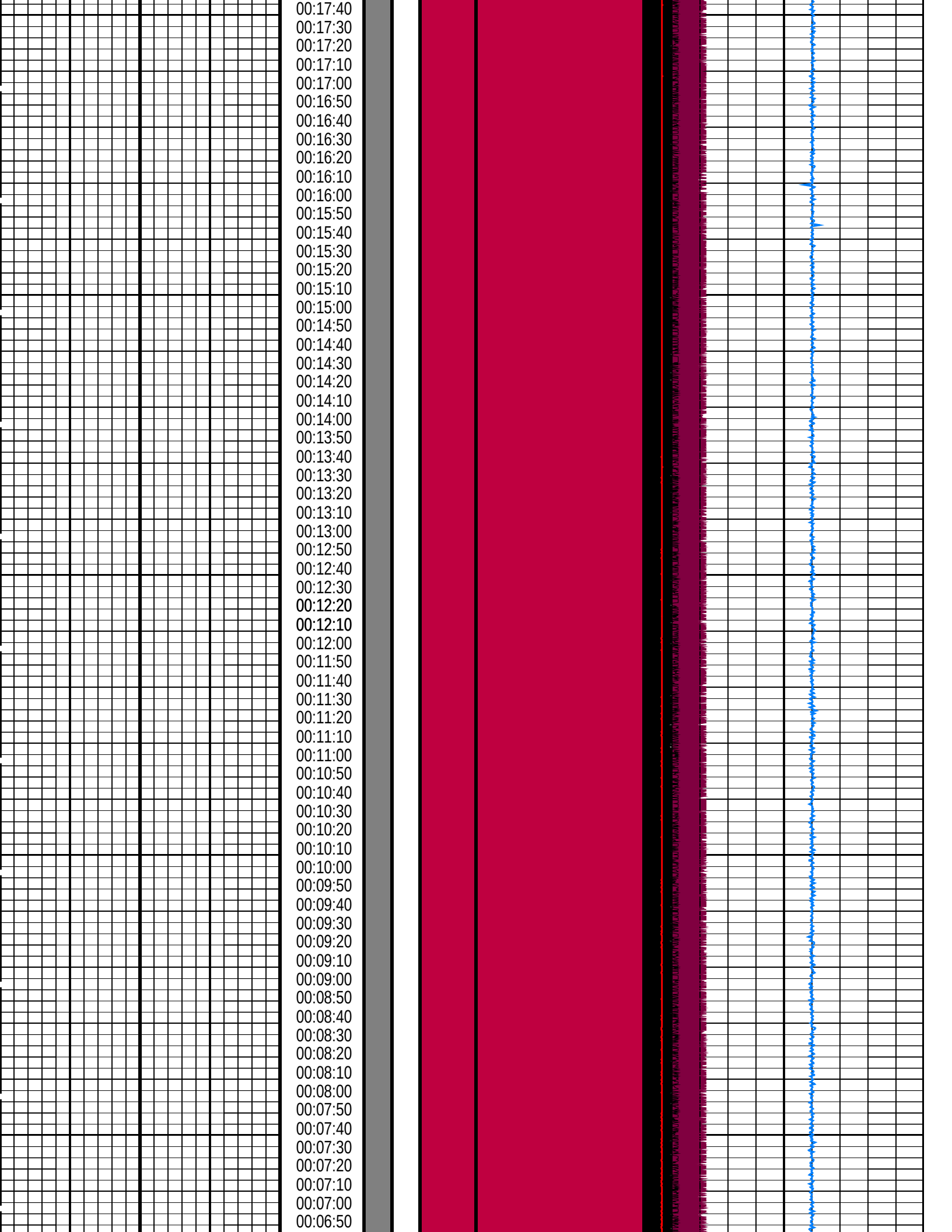

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Pumping Stopped 3294.0 C3 MRPO
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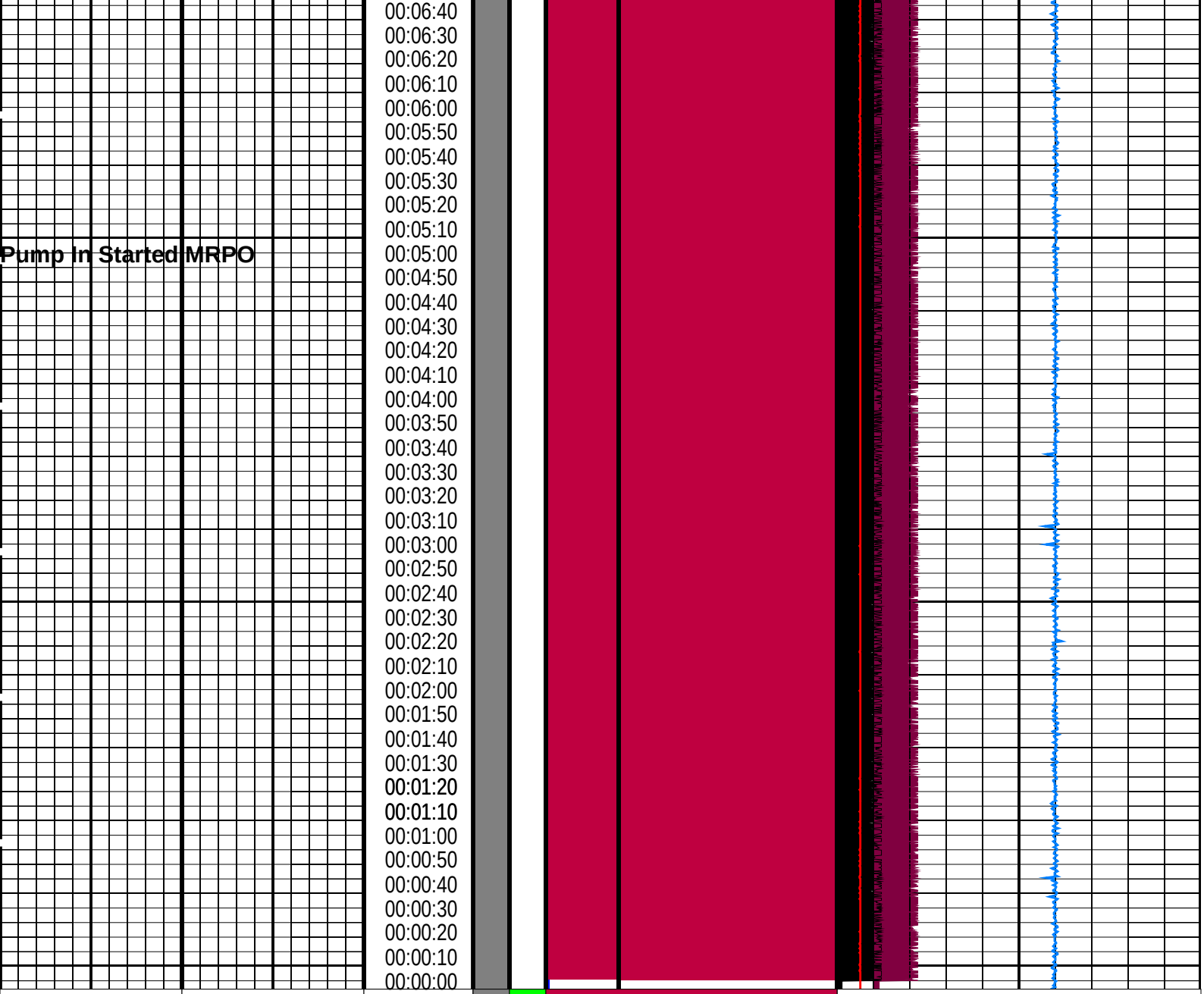

01:01:40
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Pump Out Started MRPO
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Pumping Stopped 0.0 C3 MRPO
Pump In Started MRPO
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Pumping Stopped 9516.0 C3 MRPO
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00:06:50



CGA C2−C5 Partial Density (ETH_CGA)
0 (G/C3) 0.5

CGA GOR (GOR_CGA)
0 (F3/B) 5000

Elapsed Time (ETIM) (S)

CO2OFF

H

Highly Scattering Fluid

CGA Optical Density Channel 0 (FAOD0_CGA)
0 (−−−− 40

CGA C6+ Partial Density (HEX_CGA)
0 (G/C3) 0.5

CGA CGR (CGAR_CGA)
0 (UBCF) 200

M

Water Volume Fraction

Methane

CGA Optical Density Channel 1 (FAOD1_CGA)
−4 (−−−− 36

CGA CO2 Partial Density (CO2_CGA)
0 (G/C3) 0.5

L

C2−C5

CGA Fluorescence Channel 0 (FLD0_CGA)
0 (V) 1

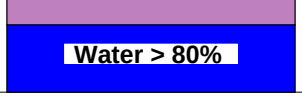
CGA Methane Partial Density (METH_CGA)
0 (G/C3) 0.5

C6+

CGA Fluorescence Ratio (FLRA_CGA)
0 (−−−− 1

CGA Apparent Hydrocarbon Density (AHYD_CGA)
0 (G/C3) 0.5

CO2



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	CGA: Condensate & Gas Analyzer		
FA2M_CGA	CGA CO2 Allow/Disallow Mode	ALLOW	
FADM_CGA	CGA Dew Detection Allow/Disallow Mode	ALLOW	
FAGM_CGA	CGA GOR Allow/Disallow Mode	ALLOW	
FAODW_CGA	CGA Water Absorption Spectra	** V **	
FAPC_CGA	CGA Path Correction Coefficient	1.0474	
FAPM_CGA	CGA Composition Allow/Disallow Mode	ALLOW	
FATCM_CGA	CGA Temp. Coef. Measure Mode	** V **	
FATCS_CGA	CGA Temp. Coef. Source Mode	** V **	
HAPI_CGA	CGA Hydrocarbon API	35	DAPI
MFGCAL_STATUS_CGA	CGA Manufacturing Calibration Coefficient Status	VALID	
ODTMP_CGA	CGA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
TCPS_STATUS_CGA	CGA Temperature Compensation Coefficient Status	VALID	
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: CGA_Station Vertical Scale: 1" per 60S Graphics File Created: 16−Feb−2007 14:17

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_093LTP	FN:104	PRODUCER	16−Feb−2007 14:17		

Output DLIS Files

DEFAULT	MDT_OFA_093LTP	FN:104	PRODUCER	16−Feb−2007 14:17	2160.9 FT	143.6 FT

Elapsed Time (s)	Event Summary
10555.8	Pumping Stopped 26718.0 C3 Dual Pumpout Module (MRPO)
9628.5	Seal MDT Multi−Sample (MRMS) 1, bottle 1
9199.8	Open MDT Multi−Sample (MRMS) 1, bottle 1, sample number = 1
8472.0	Seal Sample Chamber Module 2 (1 Gallon, H2S)
7127.7	Pump Out Started Dual Pumpout Module (MRPO)
3962.1	Pumping Stopped 3294.0 C3 Dual Pumpout Module (MRPO)
2992.8	Pump Out Started Dual Pumpout Module (MRPO)
2372.7	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
2339.1	Pump In Started Dual Pumpout Module (MRPO)
1395.9	Pumping Stopped 9516.0 C3 Dual Pumpout Module (MRPO)
295.8	Pump In Started Dual Pumpout Module (MRPO)

PIP SUMMARY

Time Mark Every 60 S

MRPA Quartz Pressure (PAQP) 0 (PSIA) 2000

MRPA Auto deflate status (PAAD) 0 (---- 5

MRPO Solenoid 3 Status (POS3) 5 (---- 0

MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000

MRPO Pump Volume (POPV) 0 (C3) 10000

MRPC 50 V Supply (50V) 30 (V) 100

MRPA SG Pressure (PASG) 0 (PSIA) 2000

MRPA Interval Valve Position (PAVP) -5 (----250

MRPA Inflate Valve Position (PAFP) -5 (----250

MRPA Quartz Temperature (PAQT) (DEGF)

MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10

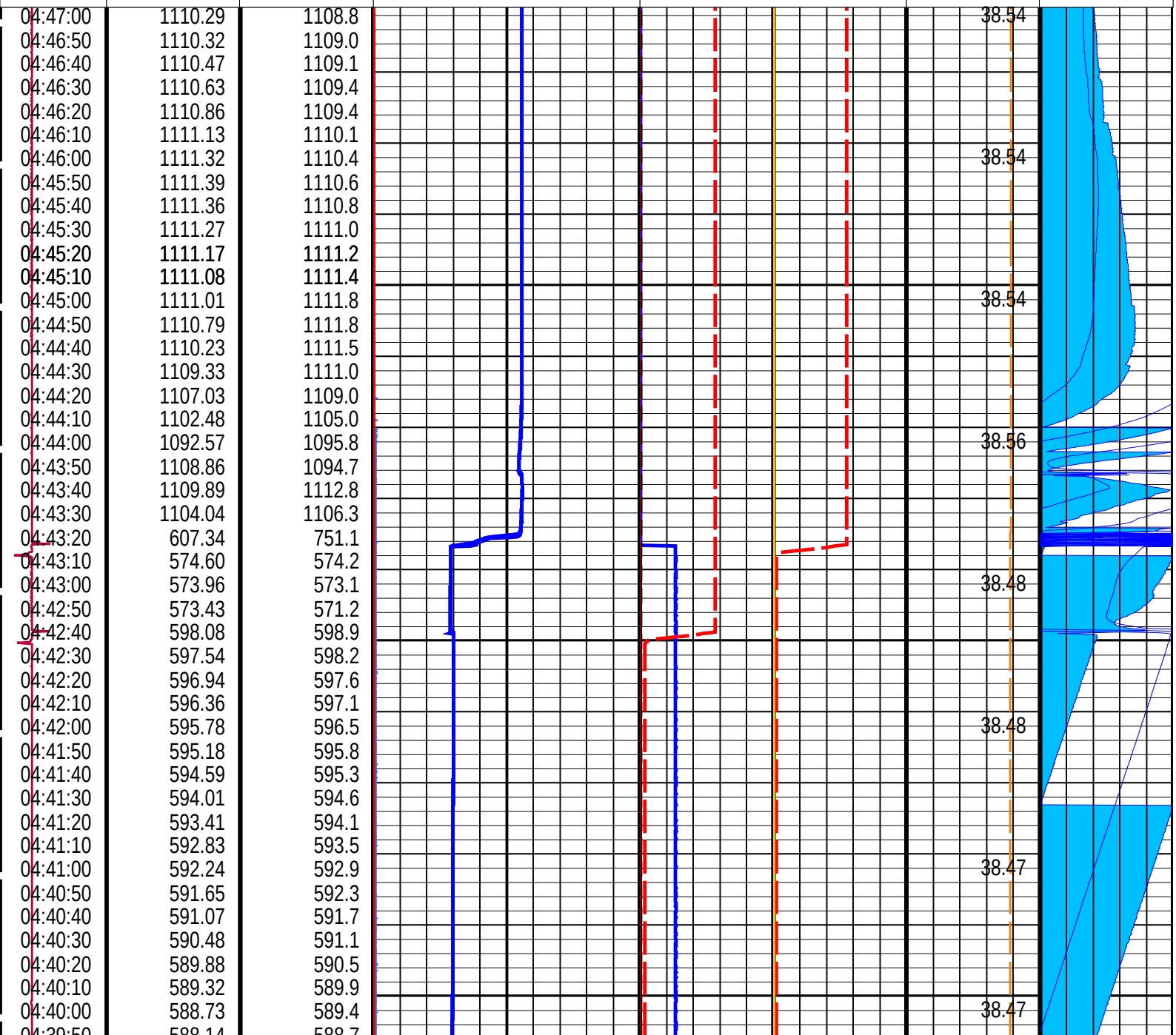
Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)
04:47:00	1110.29	1108.8
04:46:50	1110.32	1109.0
04:46:40	1110.47	1109.1
04:46:30	1110.63	1109.4
04:46:20	1110.86	1109.4
04:46:10	1111.13	1110.1
04:46:00	1111.32	1110.4
04:45:50	1111.39	1110.6
04:45:40	1111.36	1110.8
04:45:30	1111.27	1111.0
04:45:20	1111.17	1111.2
04:45:10	1111.08	1111.4
04:45:00	1111.01	1111.8
04:44:50	1110.79	1111.8
04:44:40	1110.23	1111.5
04:44:30	1109.33	1111.0
04:44:20	1107.03	1109.0
04:44:10	1102.48	1105.0
04:44:00	1092.57	1095.8
04:43:50	1108.86	1094.7
04:43:40	1109.89	1112.8
04:43:30	1104.04	1106.3
04:43:20	607.34	751.1
04:43:10	574.60	574.2
04:43:00	573.96	573.1
04:42:50	573.43	571.2
04:42:40	598.08	598.9
04:42:30	597.54	598.2
04:42:20	596.94	597.6
04:42:10	596.36	597.1
04:42:00	595.78	596.5
04:41:50	595.18	595.8
04:41:40	594.59	595.3
04:41:30	594.01	594.6
04:41:20	593.41	594.1
04:41:10	592.83	593.5
04:41:00	592.24	592.9
04:40:50	591.65	592.3
04:40:40	591.07	591.7
04:40:30	590.48	591.1
04:40:20	589.88	590.5
04:40:10	589.32	589.9
04:40:00	588.73	589.4

MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000

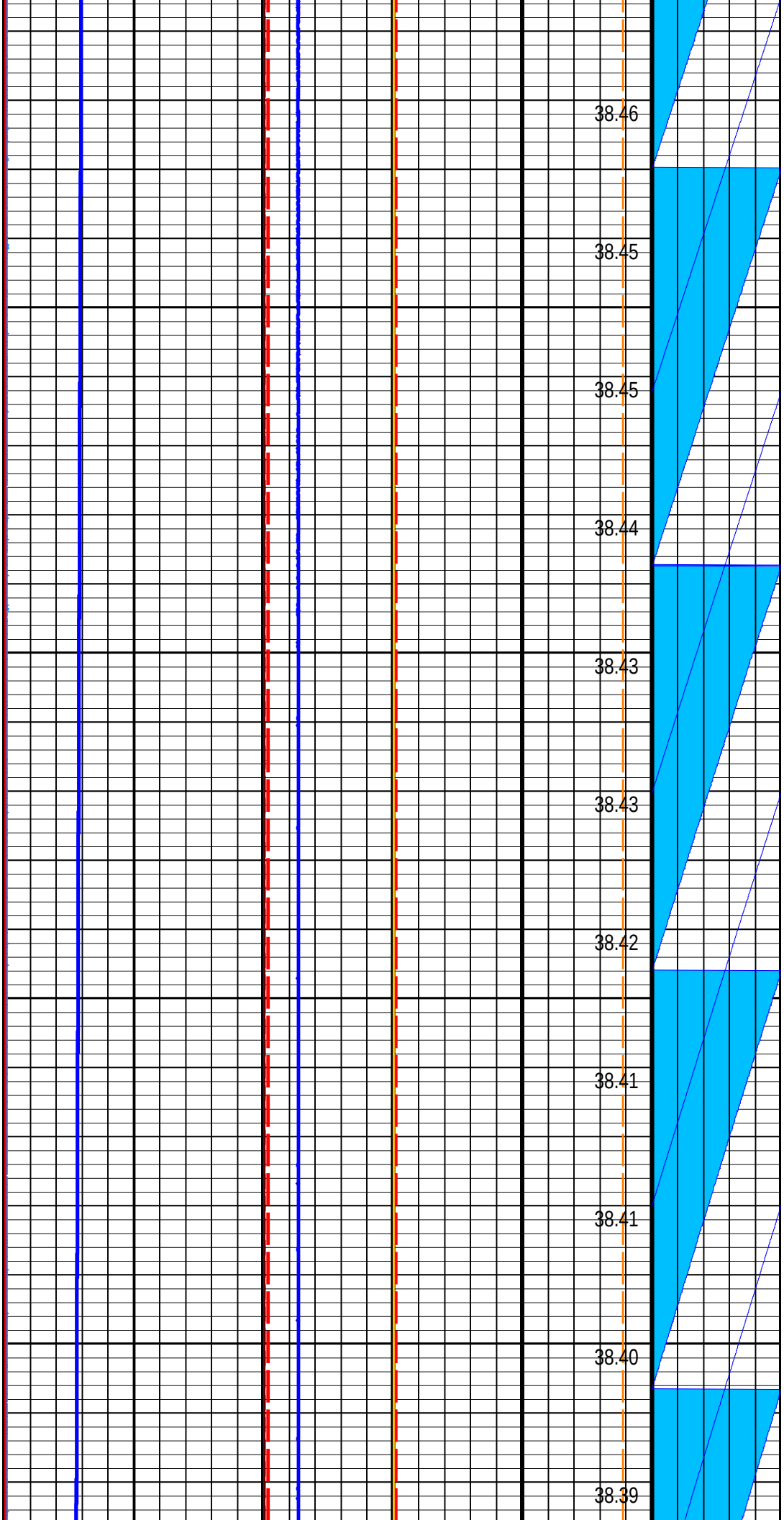
MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000

MRPA Quartz Temperature (PAQT) (DEGF) 100 150

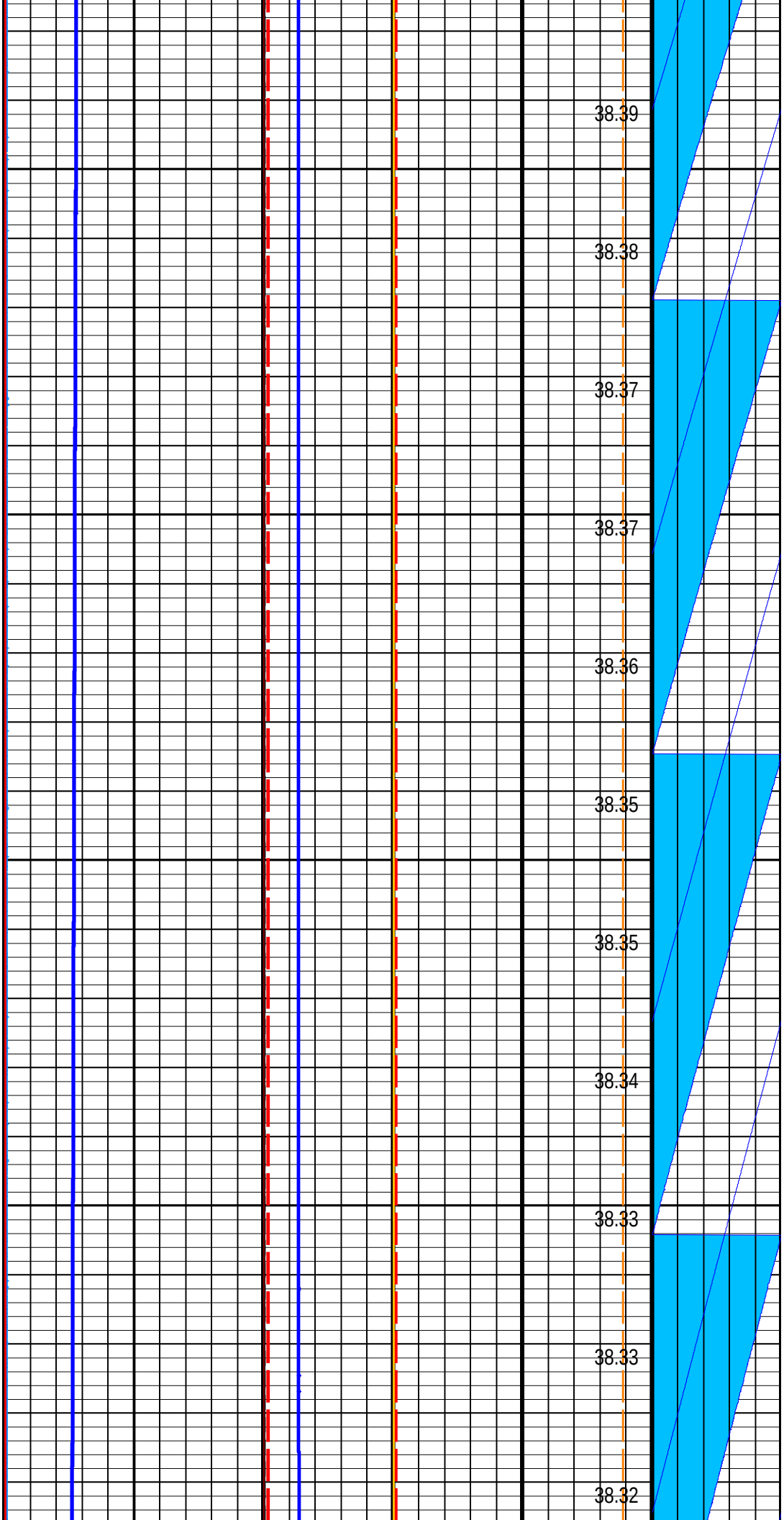
MRPA SG One's (PSGU) 0 (---- 10



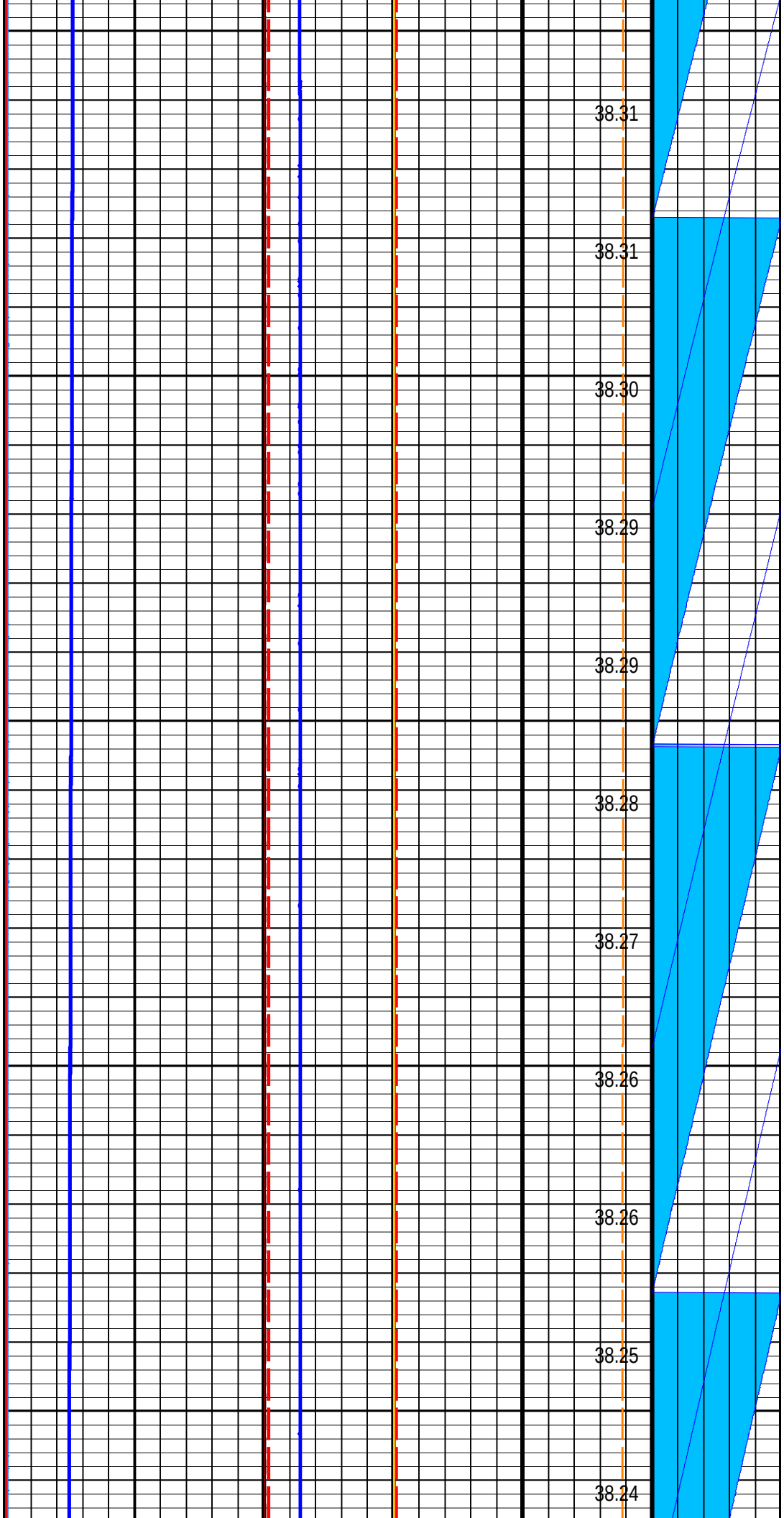
04:39:50	588.14	588.7
04:39:40	587.56	588.2
04:39:30	586.99	587.6
04:39:20	586.39	587.0
04:39:10	585.82	586.4
04:39:00	585.24	585.9
04:38:50	584.65	585.3
04:38:40	584.08	584.7
04:38:30	583.50	584.1
04:38:20	582.90	583.5
04:38:10	582.32	582.9
04:38:00	581.76	582.4
04:37:50	581.16	581.8
04:37:40	580.59	581.2
04:37:30	580.00	580.7
04:37:20	579.41	580.1
04:37:10	578.84	579.5
04:37:00	578.27	578.9
04:36:50	577.67	578.3
04:36:40	577.11	577.8
04:36:30	576.53	577.2
04:36:20	575.93	576.5
04:36:10	575.36	576.0
04:36:00	574.80	575.4
04:35:50	574.21	574.8
04:35:40	573.64	574.2
04:35:30	573.07	573.7
04:35:20	572.49	573.1
04:35:10	571.92	572.5
04:35:00	571.36	571.9
04:34:50	570.78	571.4
04:34:40	570.21	570.8
04:34:30	569.66	570.2
04:34:20	569.08	569.6
04:34:10	568.51	569.1
04:34:00	567.96	568.5
04:33:50	567.38	568.0
04:33:40	566.82	567.4
04:33:30	566.26	566.8
04:33:20	565.70	566.3
04:33:10	565.14	565.7
04:33:00	564.59	565.2
04:32:50	564.01	564.6
04:32:40	563.48	564.0
04:32:30	562.91	563.5
04:32:20	562.34	562.9
04:32:10	561.80	562.3
04:32:00	561.26	561.8
04:31:50	560.69	561.2
04:31:40	560.15	560.7
04:31:30	559.60	560.1
04:31:20	559.03	559.6
04:31:10	558.49	559.0
04:31:00	557.95	558.5
04:30:50	557.40	557.9
04:30:40	556.85	557.4
04:30:30	556.31	556.9
04:30:20	555.74	556.3
04:30:10	555.21	555.7
04:30:00	554.67	555.2
04:29:50	554.12	554.7
04:29:40	553.57	554.1
04:29:30	553.04	553.6
04:29:20	552.49	553.0
04:29:10	551.94	552.5
04:29:00	551.42	552.0
04:28:50	550.87	551.5



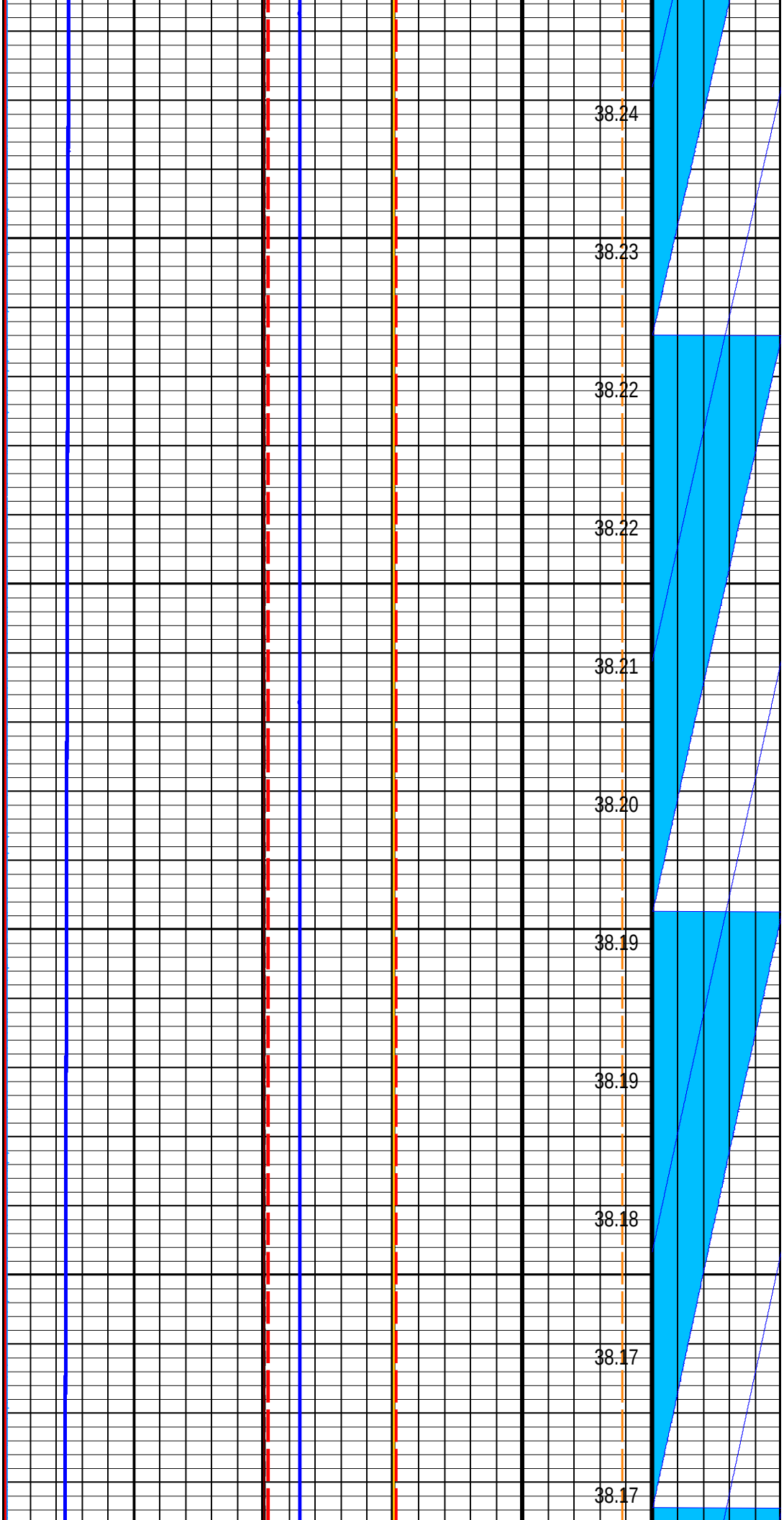
04:28:50	550.87	551.5
04:28:40	550.34	550.9
04:28:30	549.83	550.4
04:28:20	549.28	549.8
04:28:10	548.75	549.3
04:28:00	548.23	548.8
04:27:50	547.70	548.2
04:27:40	547.18	547.7
04:27:30	546.65	547.2
04:27:20	546.11	546.7
04:27:10	545.60	546.1
04:27:00	545.09	545.6
04:26:50	544.56	545.1
04:26:40	544.03	544.5
04:26:30	543.54	544.0
04:26:20	542.99	543.5
04:26:10	542.49	543.0
04:26:00	541.98	542.5
04:25:50	541.45	542.0
04:25:40	540.95	541.5
04:25:30	540.44	540.9
04:25:20	539.91	540.4
04:25:10	539.42	539.9
04:25:00	538.92	539.4
04:24:50	538.40	538.9
04:24:40	537.91	538.4
04:24:30	537.41	537.9
04:24:20	536.90	537.4
04:24:10	536.41	536.9
04:24:00	535.92	536.4
04:23:50	535.42	535.9
04:23:40	534.92	535.4
04:23:30	534.44	534.9
04:23:20	**533.93**	**534.4**
04:23:10	**533.45**	**533.9**
04:23:00	532.97	533.4
04:22:50	532.46	533.0
04:22:40	531.98	532.5
04:22:30	531.50	532.0
04:22:20	531.01	531.5
04:22:10	530.52	531.0
04:22:00	530.04	530.6
04:21:50	529.55	530.1
04:21:40	529.07	529.6
04:21:30	528.60	529.1
04:21:20	528.10	528.6
04:21:10	527.62	528.1
04:21:00	527.15	527.7
04:20:50	526.67	527.2
04:20:40	526.19	526.7
04:20:30	525.74	526.3
04:20:20	525.26	525.8
04:20:10	524.79	525.3
04:20:00	524.33	524.9
04:19:50	523.85	524.3
04:19:40	523.40	523.9
04:19:30	522.92	523.4
04:19:20	522.46	523.0
04:19:10	522.00	522.5
04:19:00	521.55	522.0
04:18:50	521.08	521.6
04:18:40	520.61	521.1
04:18:30	520.18	520.6
04:18:20	519.69	520.1
04:18:10	519.23	519.7
04:18:00	518.78	519.3
04:17:50	518.31	518.8



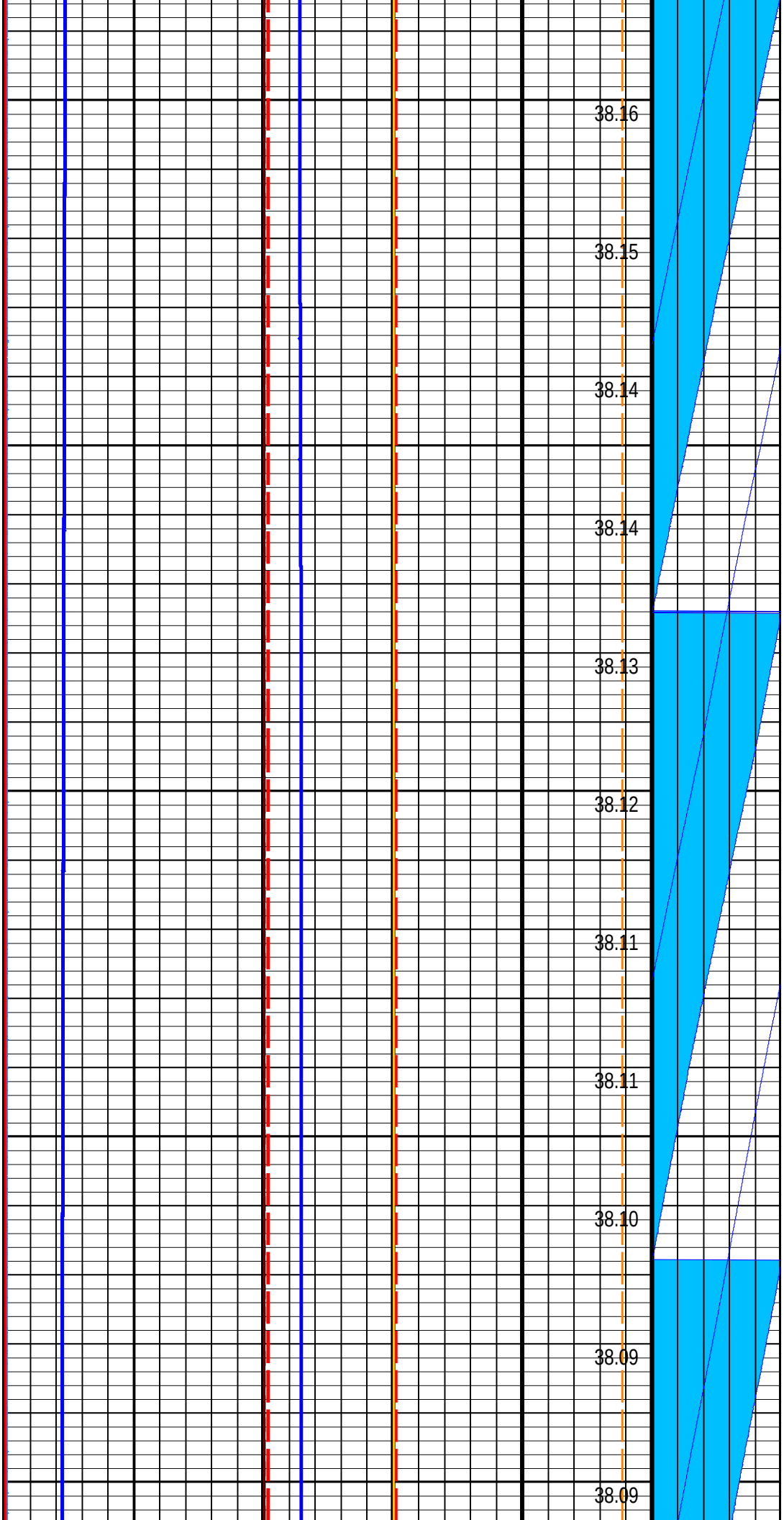
04:17:50	518.31	518.8
04:17:40	517.86	518.4
04:17:30	517.41	517.9
04:17:20	516.95	517.4
04:17:10	516.51	517.0
04:17:00	516.06	516.6
04:16:50	515.59	516.1
04:16:40	515.14	515.7
04:16:30	514.69	515.2
04:16:20	514.23	514.8
04:16:10	513.79	514.3
04:16:00	513.35	513.9
04:15:50	512.90	513.4
04:15:40	512.46	513.0
04:15:30	512.01	512.5
04:15:20	511.57	512.1
04:15:10	511.13	511.7
04:15:00	510.71	511.2
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04:12:30	504.25	504.8
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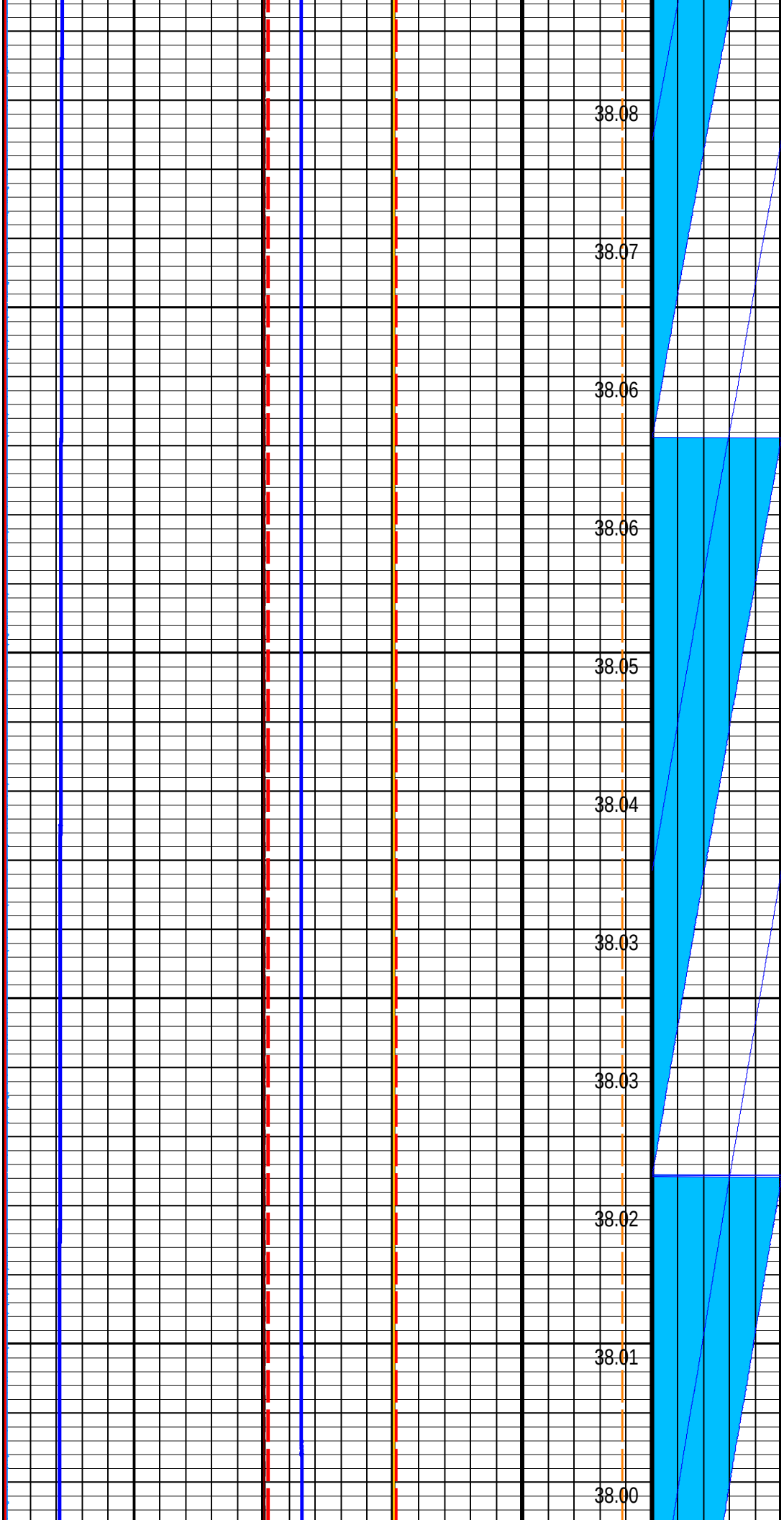
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03:56:00	464.57	464.8
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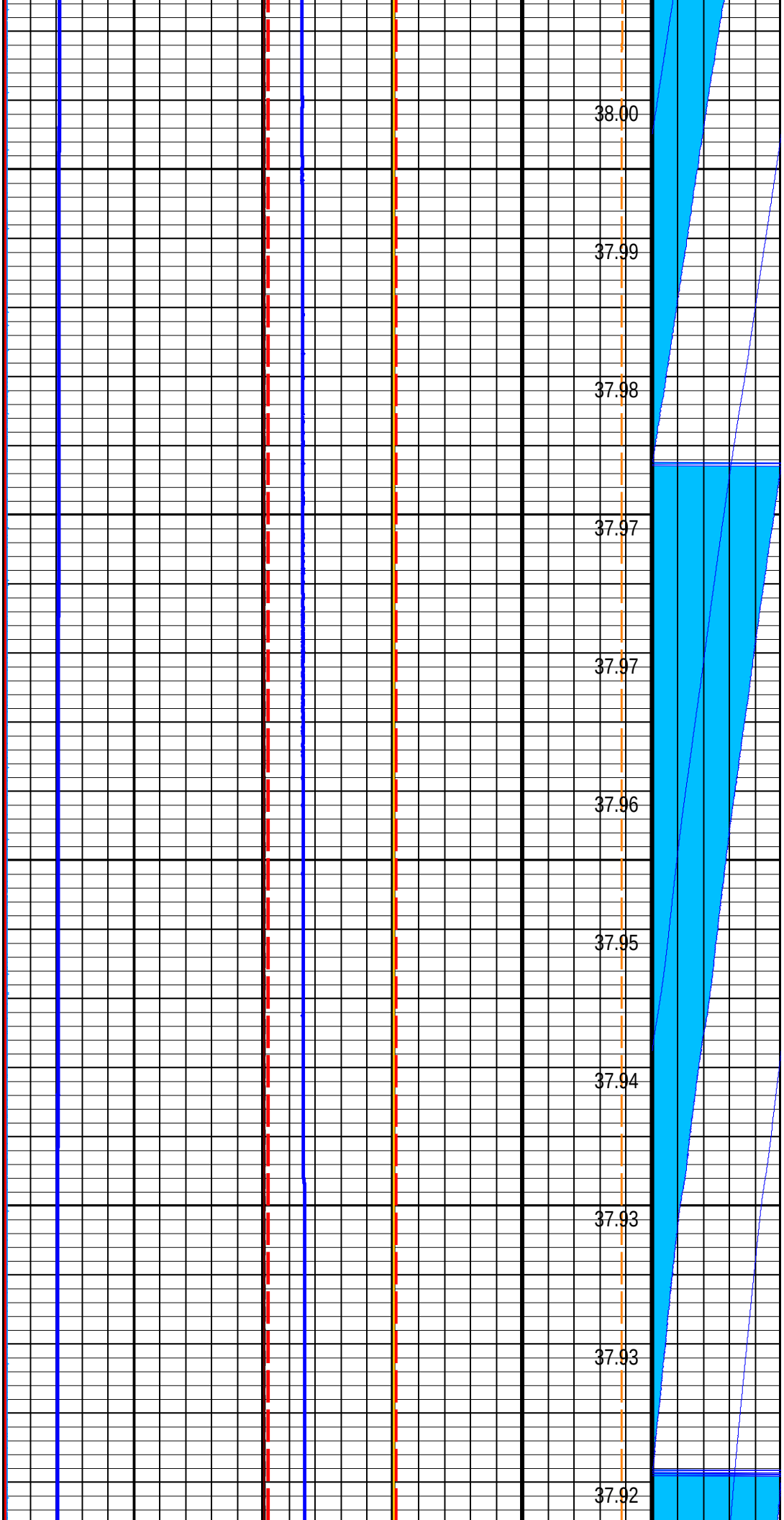
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03:47:00	445.11	445.2
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03:46:10	443.48	443.5
03:46:00	443.13	443.1
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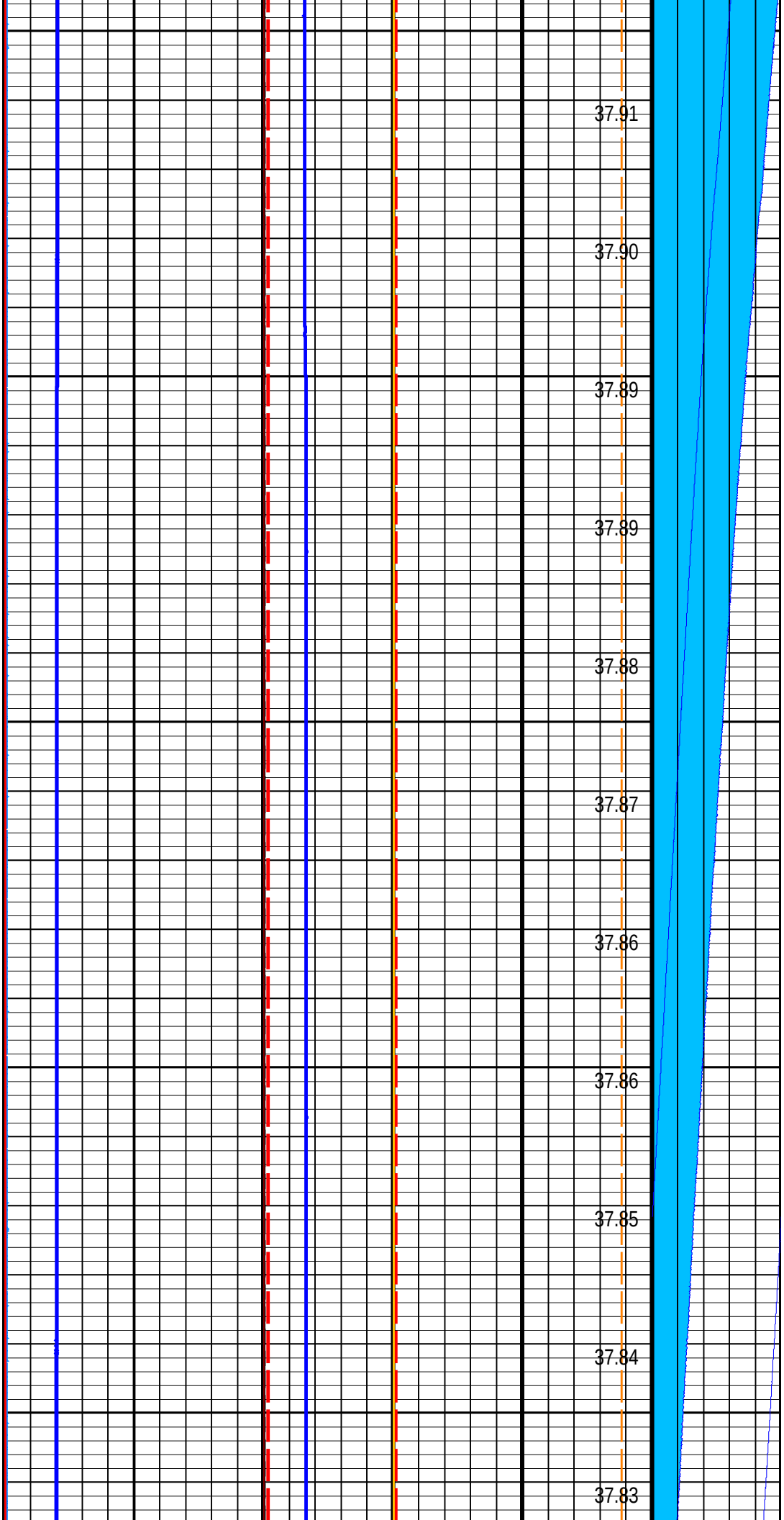
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03:43:40	438.42	438.4
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03:43:00	437.14	437.1
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03:42:30	436.20	436.2
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03:42:10	435.59	435.5
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03:39:20	430.22	430.1
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03:39:00	429.61	429.5
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03:36:50	425.67	425.6
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03:36:30	425.08	424.9
03:36:20	424.78	424.6
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03:36:00	424.20	424.0
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03:35:40	423.61	423.4
03:35:30	423.33	423.1
03:35:20	423.02	422.8
03:35:10	422.75	422.5
03:35:00	422.45	422.3
03:34:50	422.14	422.0
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03:34:30	421.53	421.4
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03:34:00	420.67	420.4
03:33:50	420.39	420.1



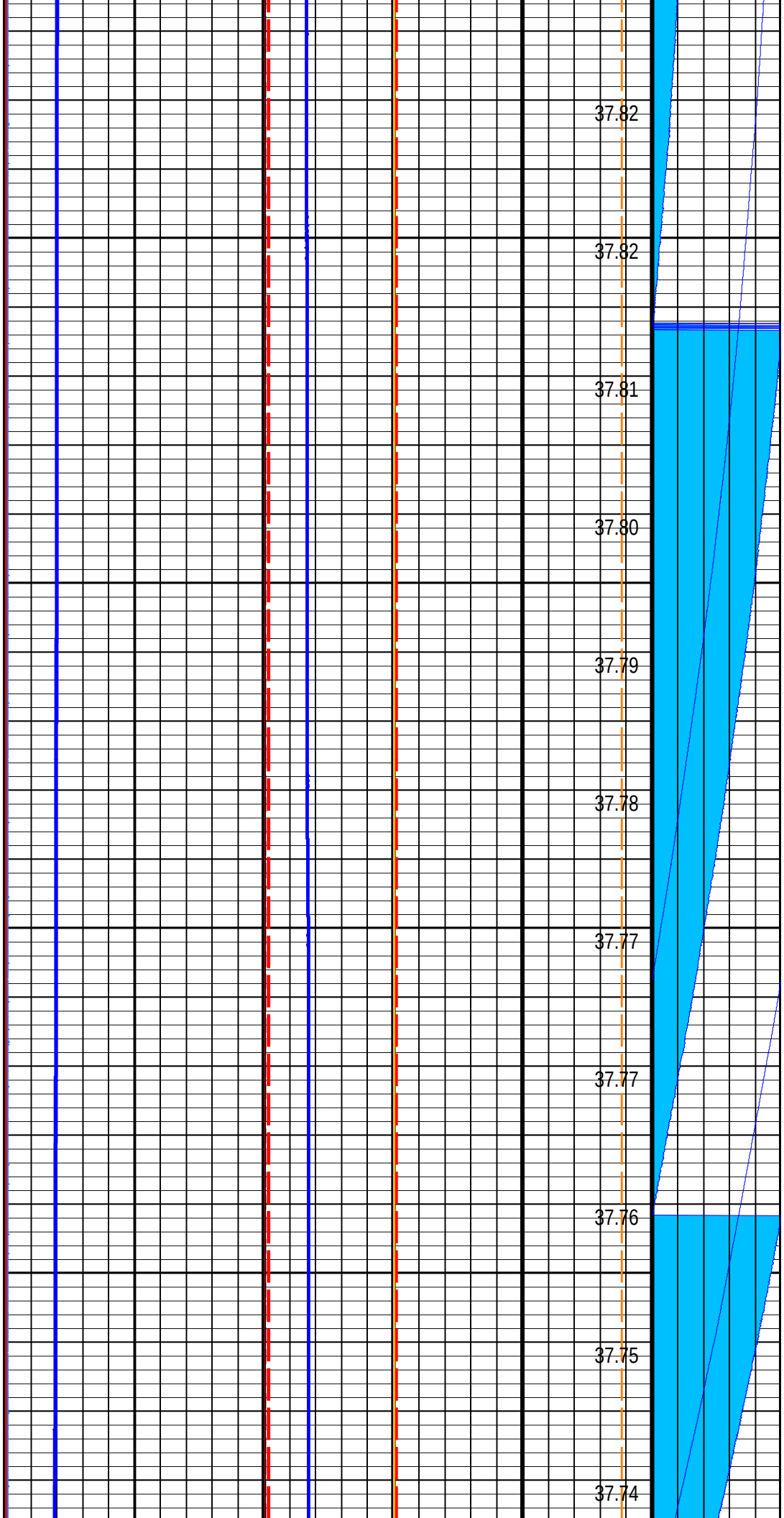
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03:29:40	413.68	413.3
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03:29:10	412.96	412.5
03:29:00	412.72	412.3
03:28:50	412.47	412.1
03:28:40	412.23	411.8
03:28:30	411.98	411.6
03:28:20	**411.74**	**411.4**
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03:27:10	410.21	409.8
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03:23:50	405.90	405.4
03:23:40	405.71	405.2
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03:23:10	405.23	404.7
03:23:00	405.09	404.5



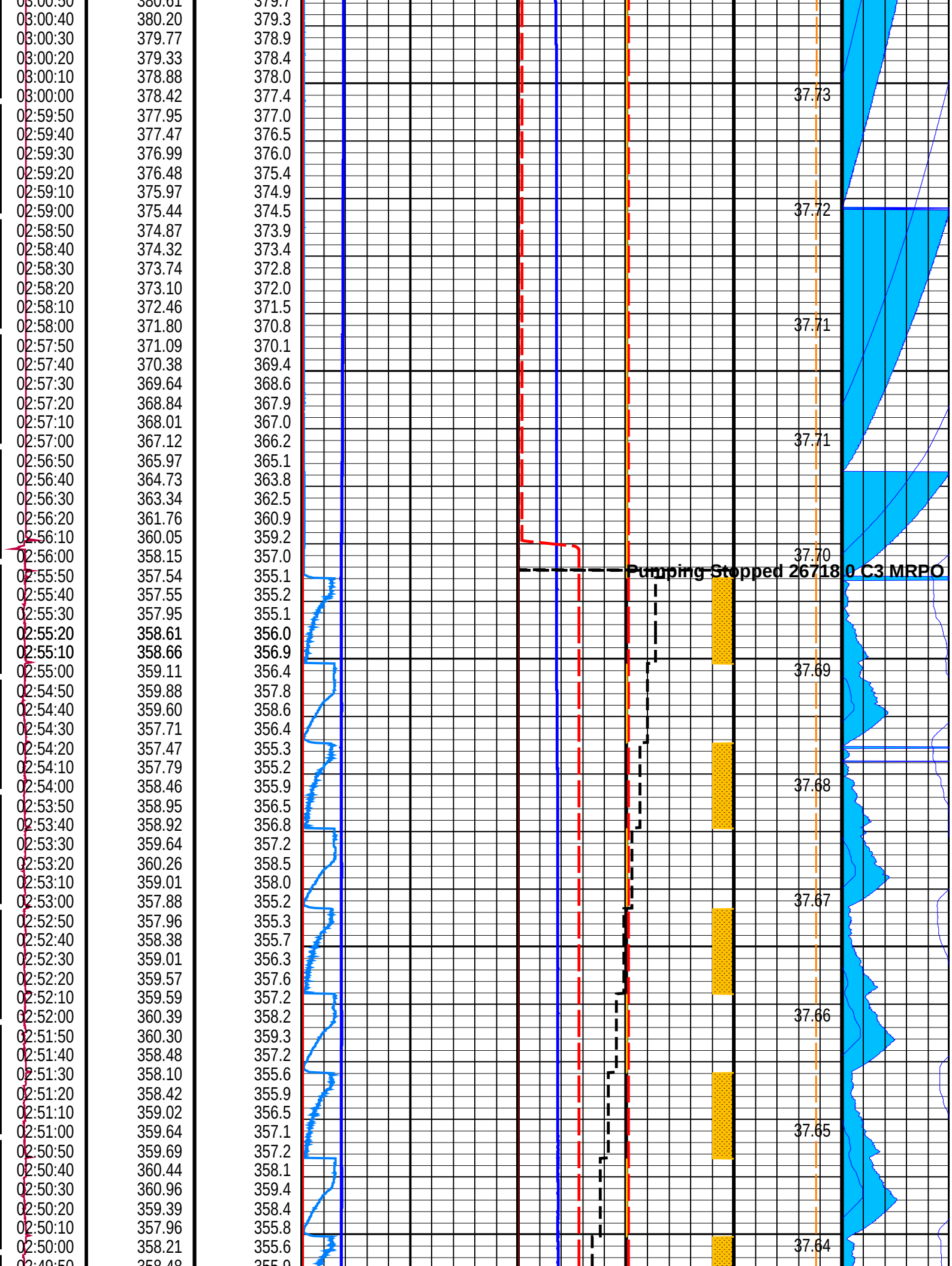
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03:12:50	398.16	397.2
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03:12:00	397.63	396.7

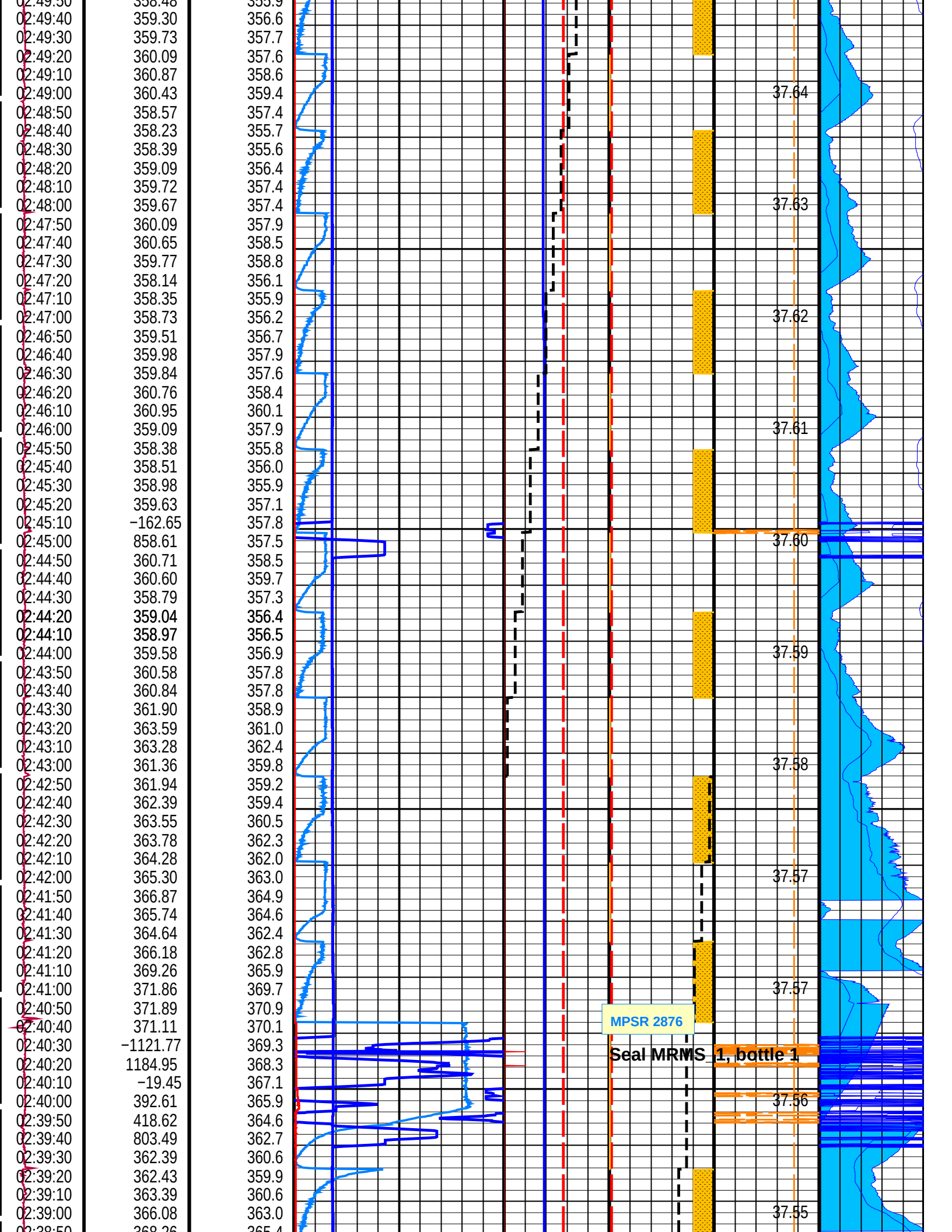


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03:01:30	382.24	381.3
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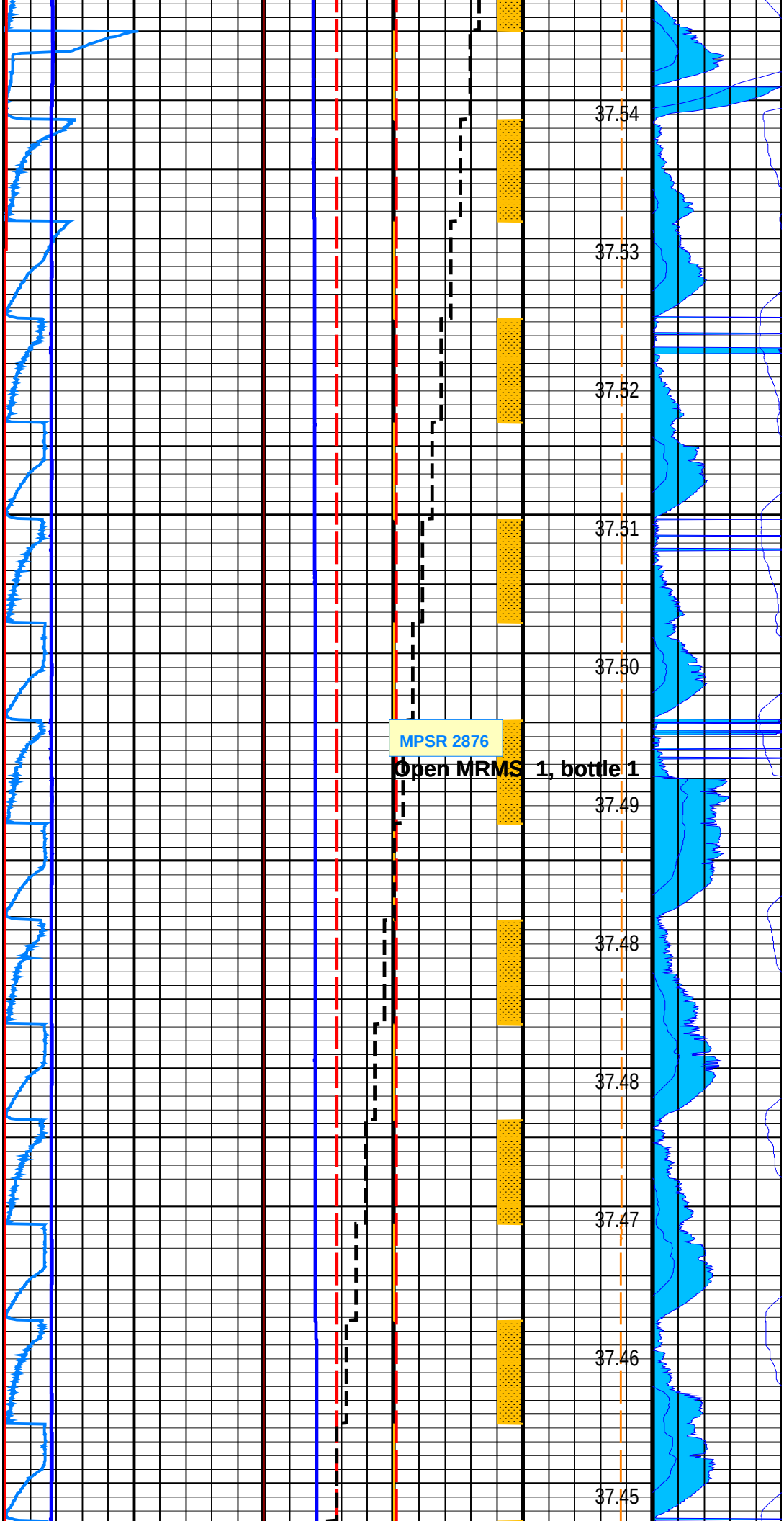


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02:52:10	359.59	357.2
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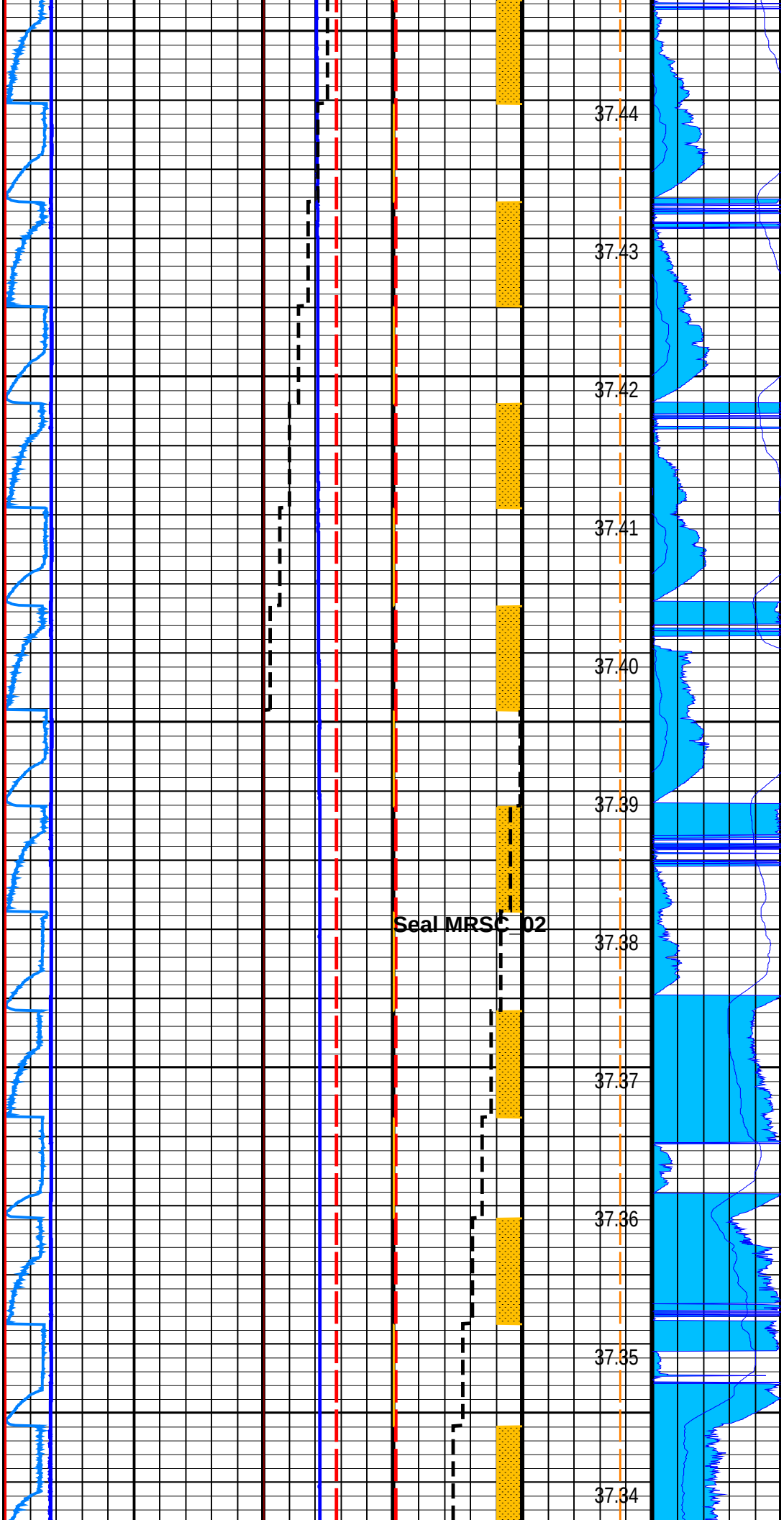



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37.55
MPSR 2876
Seal MRMS_1, bottle 1

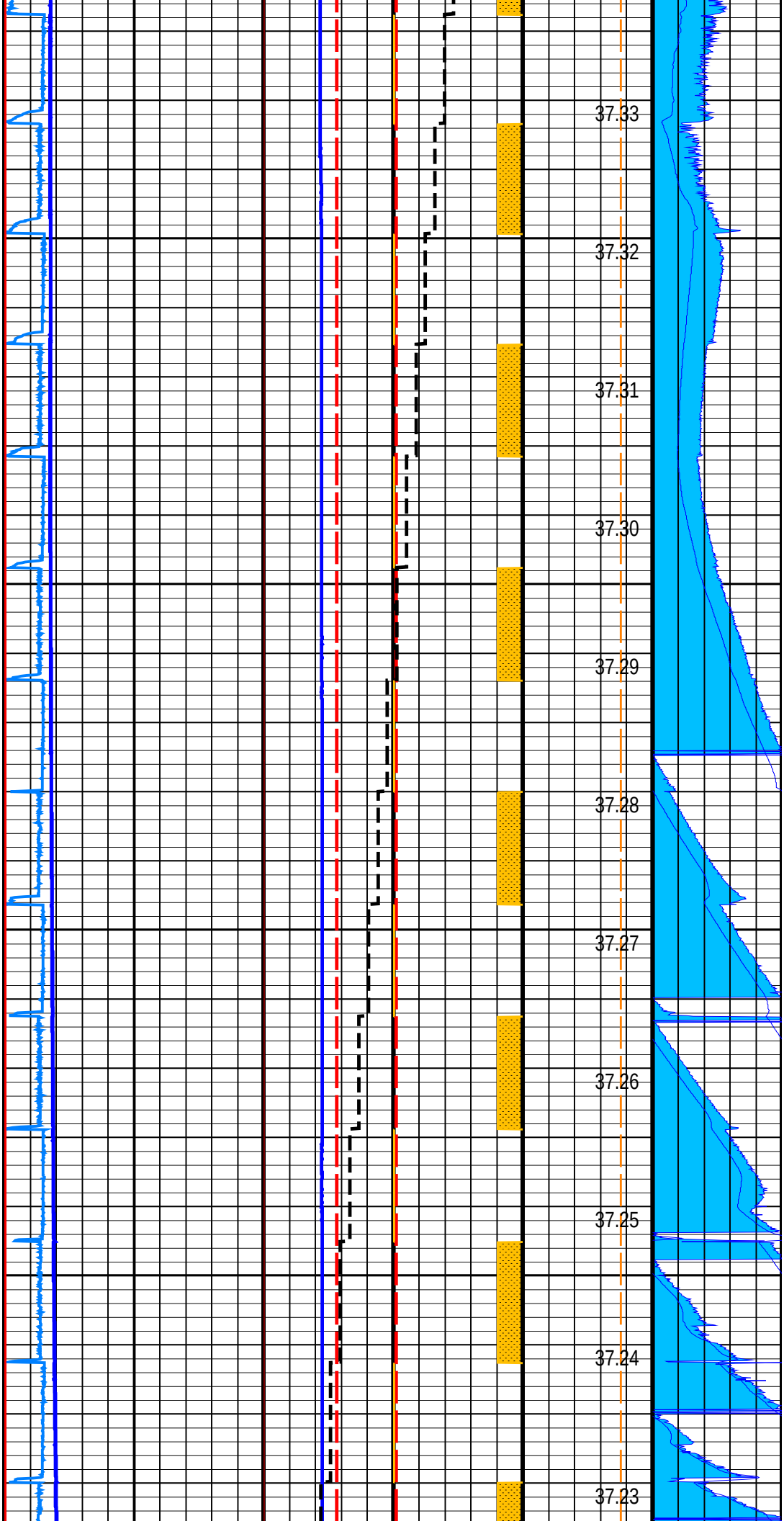
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02:28:30	360.34	357.3
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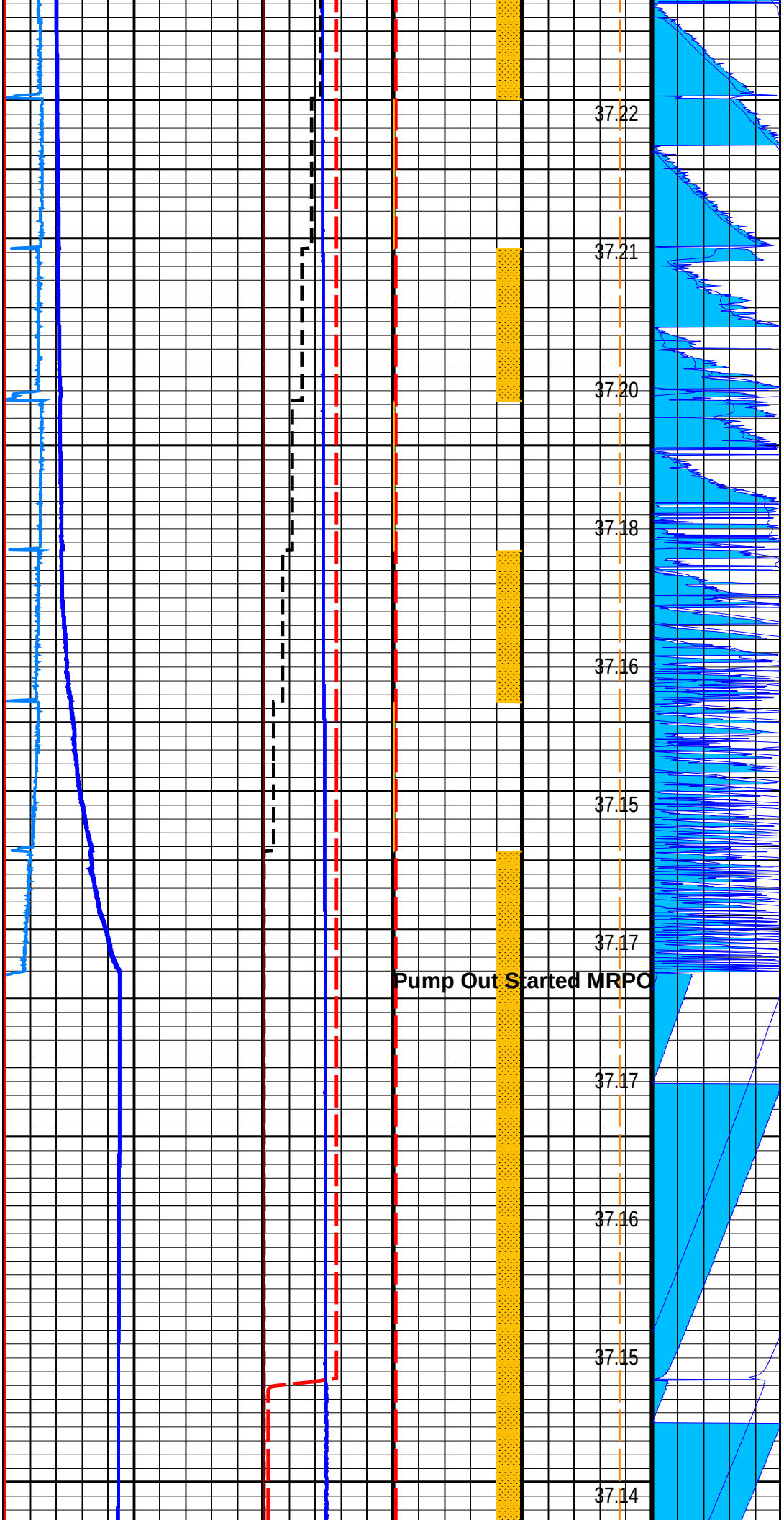
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02:26:10	357.98	355.2
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02:18:10	356.65	354.3
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02:17:50	355.39	353.3
02:17:40	353.16	352.7
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02:17:10	351.42	349.5
02:17:00	351.37	349.4



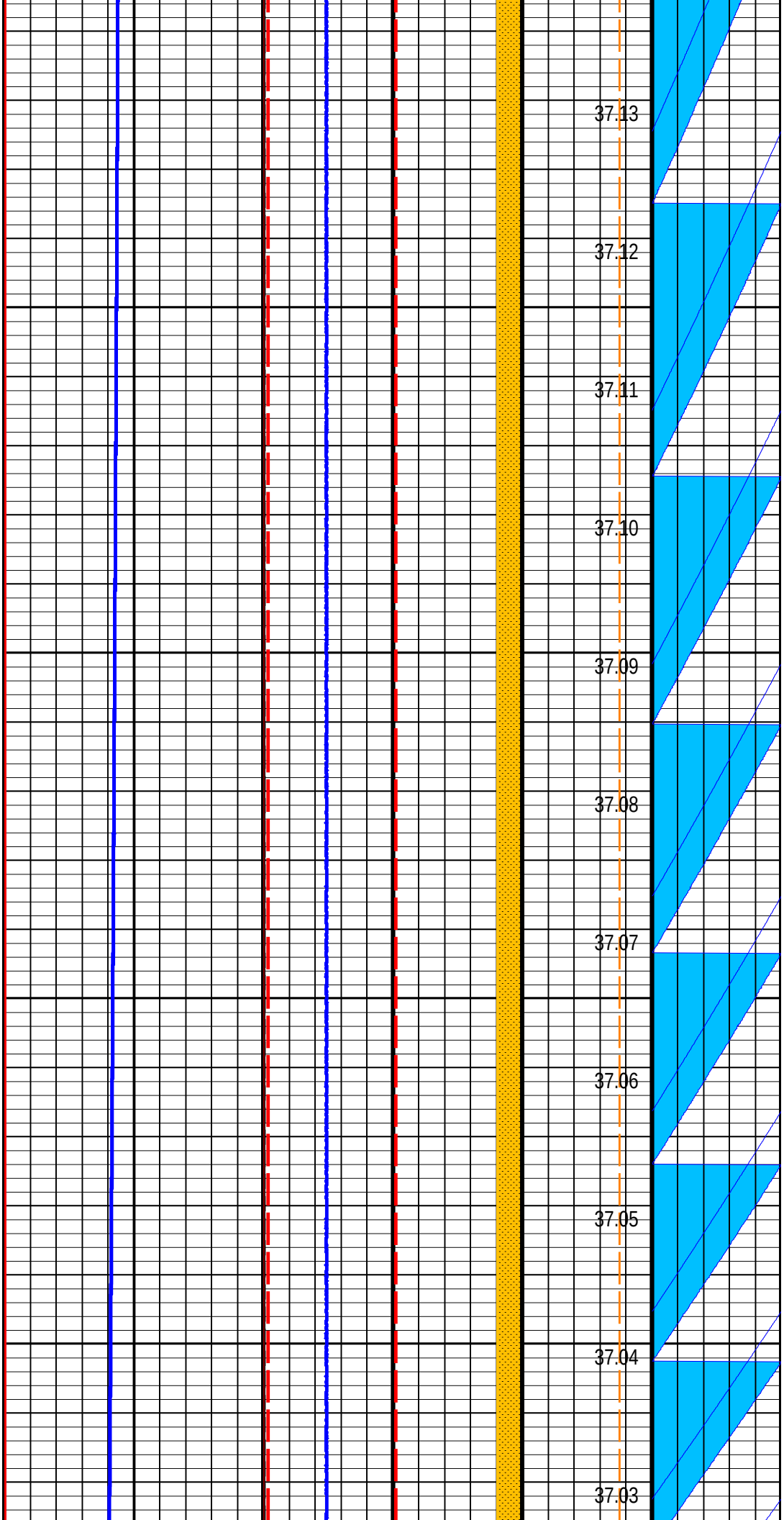
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02:13:20	351.26	348.4
02:13:10	351.61	348.8
02:13:00	351.99	349.1
02:12:50	352.41	349.7
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02:10:20	363.13	360.0
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02:10:00	365.39	362.1
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02:09:30	368.05	364.8
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02:08:50	373.20	369.8
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02:07:10	383.50	379.7
02:07:00	384.34	380.5
02:06:50	386.45	383.1
02:06:40	388.61	384.6
02:06:30	390.36	387.3
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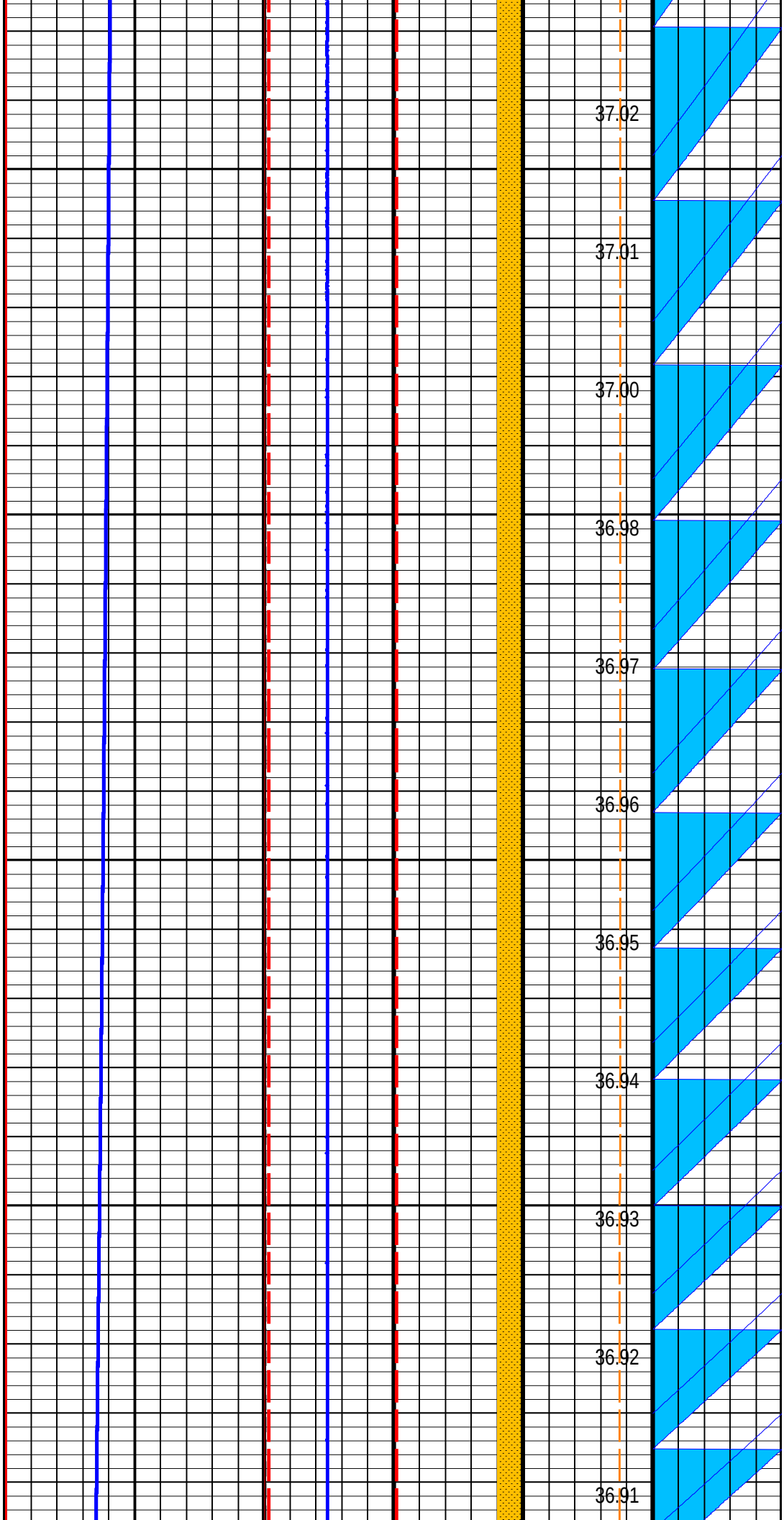
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02:04:00	410.39	413.0
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02:03:40	414.29	411.9
02:03:30	419.29	415.1
02:03:20	421.12	416.9
02:03:10	423.44	422.5
02:03:00	425.64	429.2
02:02:50	424.47	420.2
02:02:40	428.07	422.6
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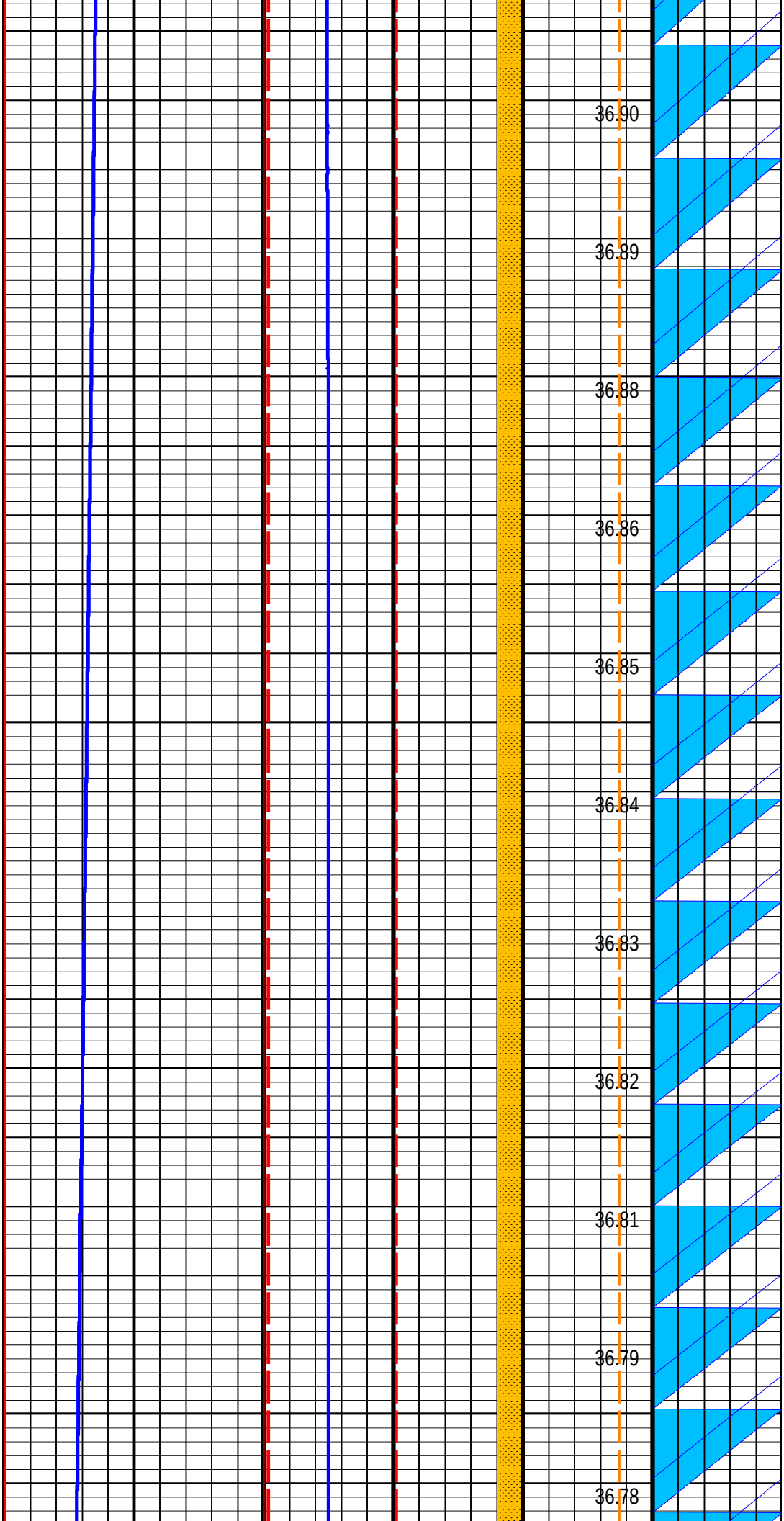
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01:46:10	823.19	822.7
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01:45:00	814.97	814.5
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01:44:40	812.52	812.0
01:44:30	811.29	810.8
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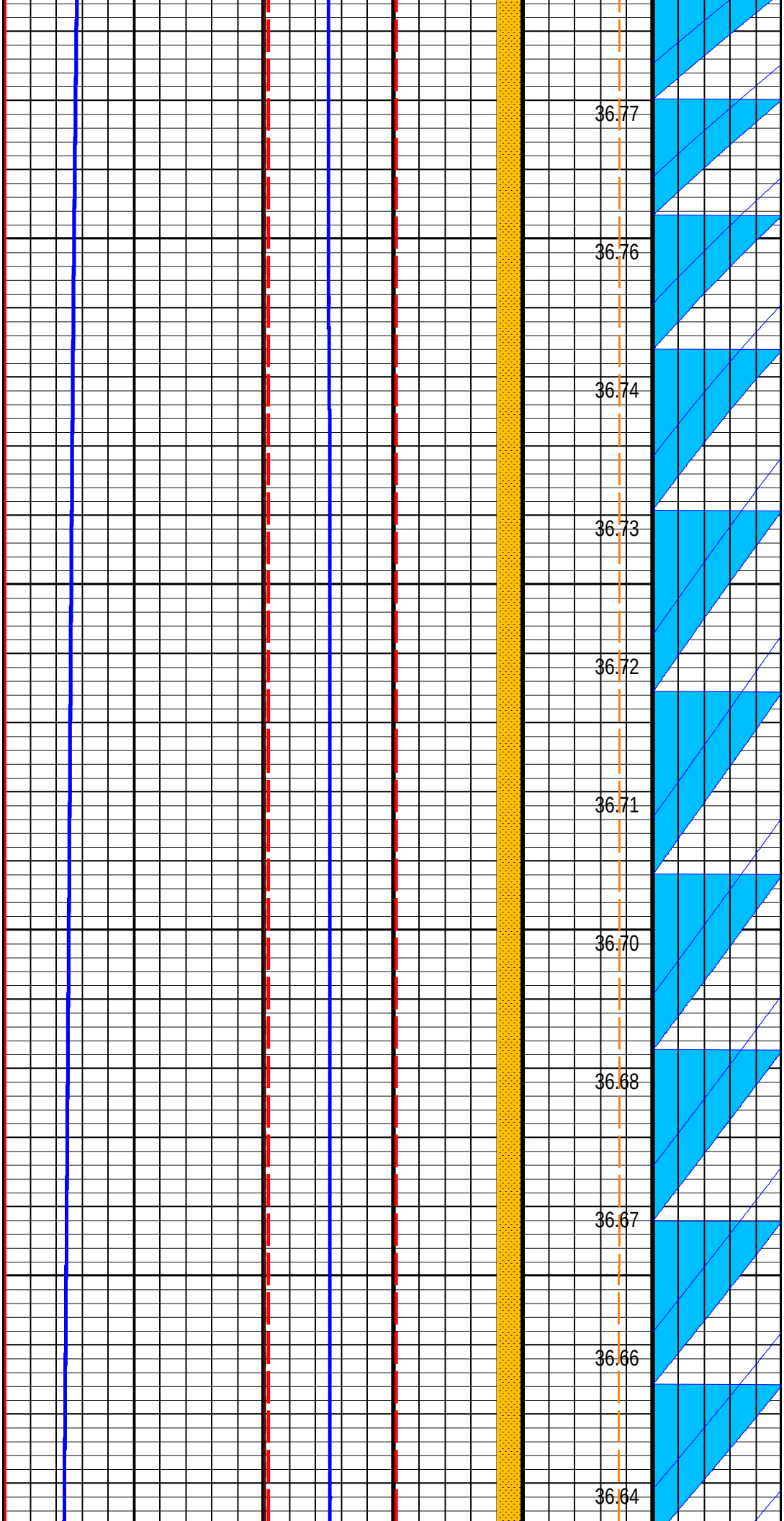
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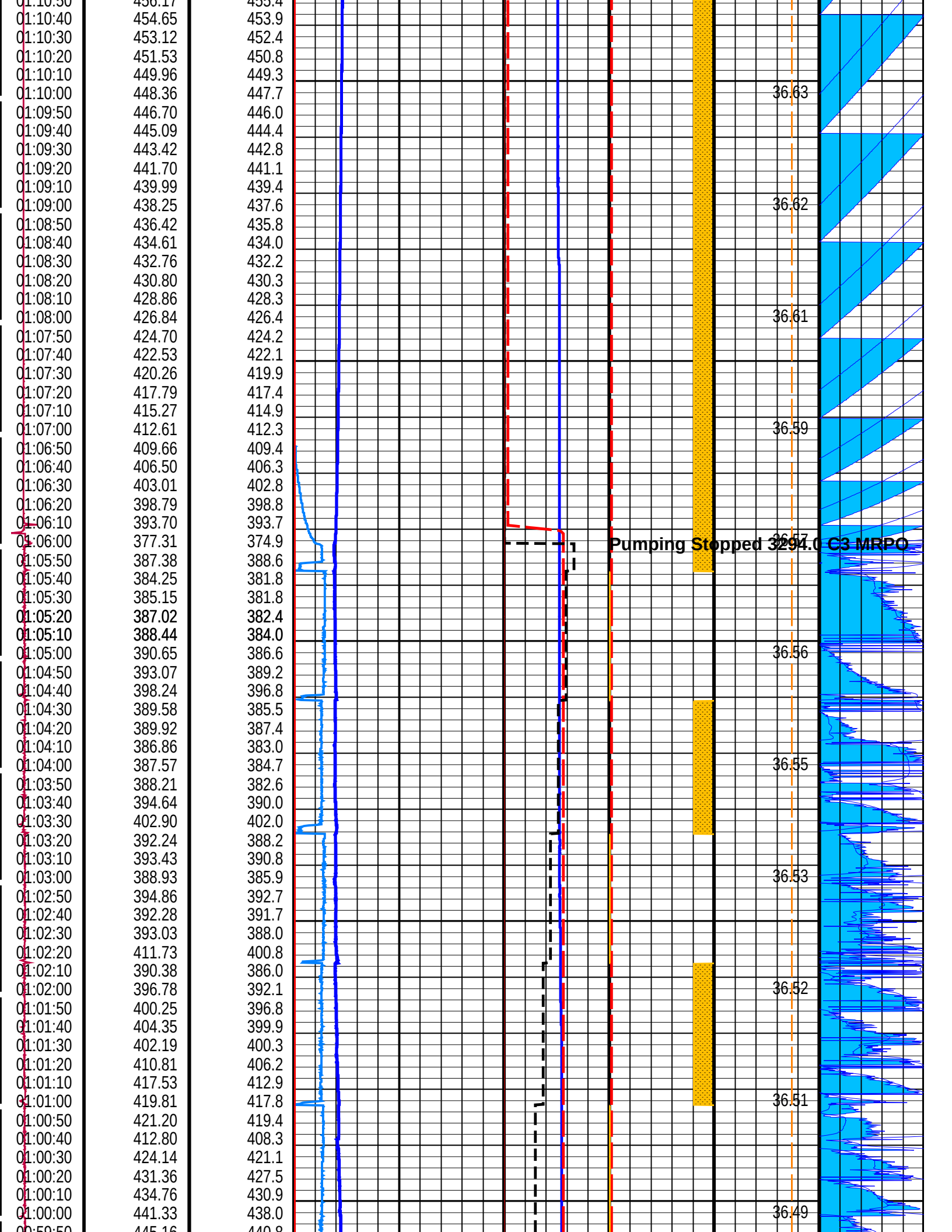


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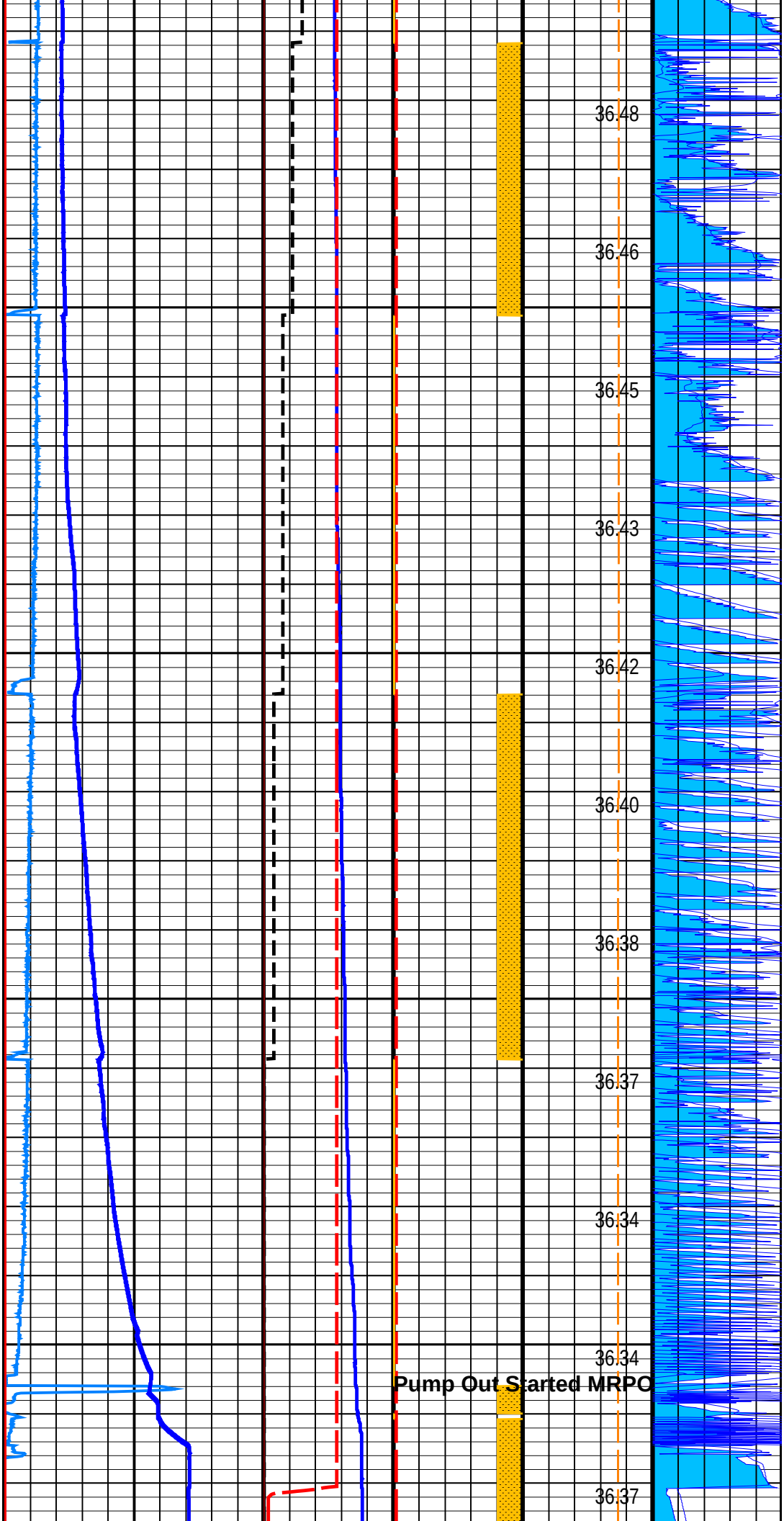


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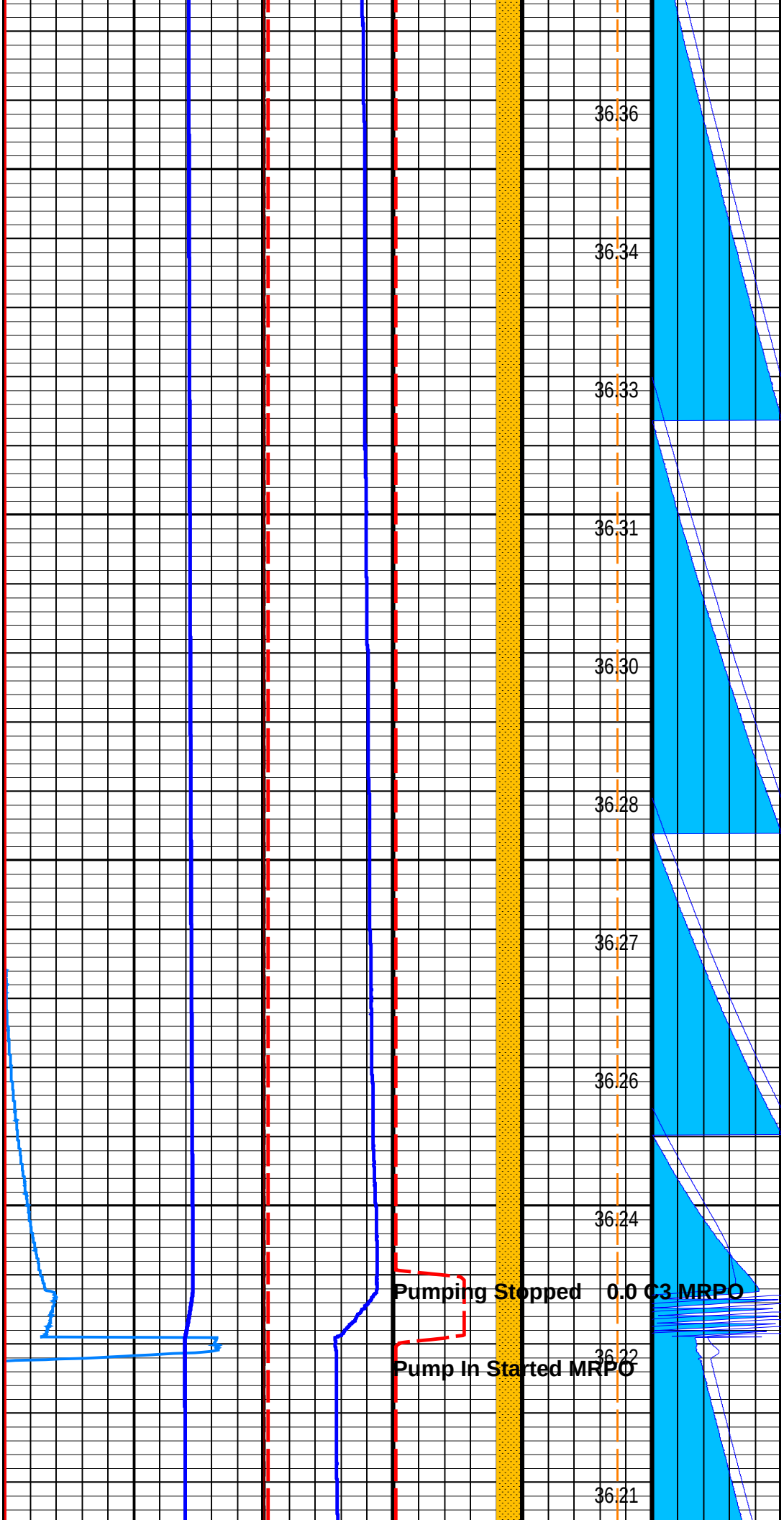



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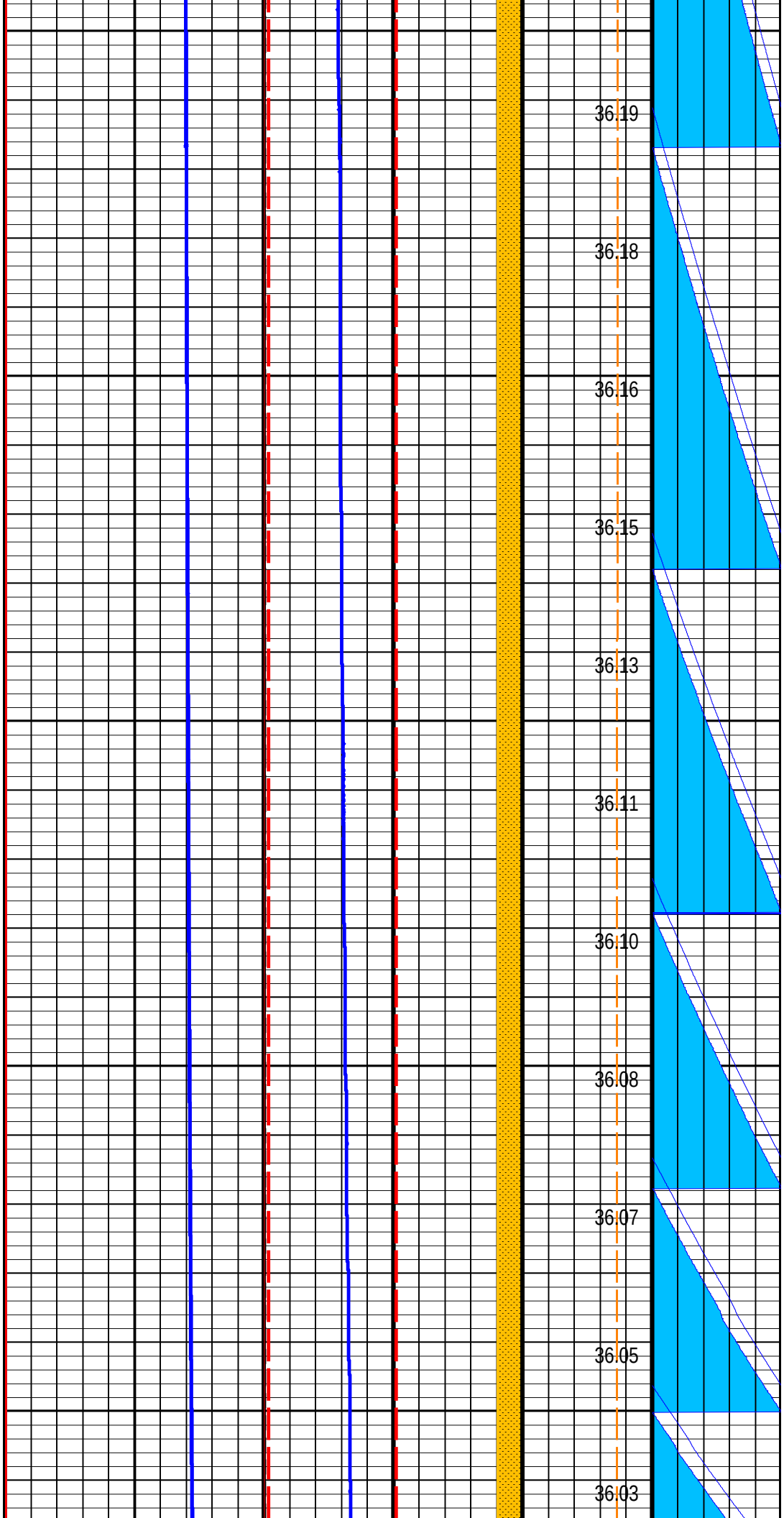
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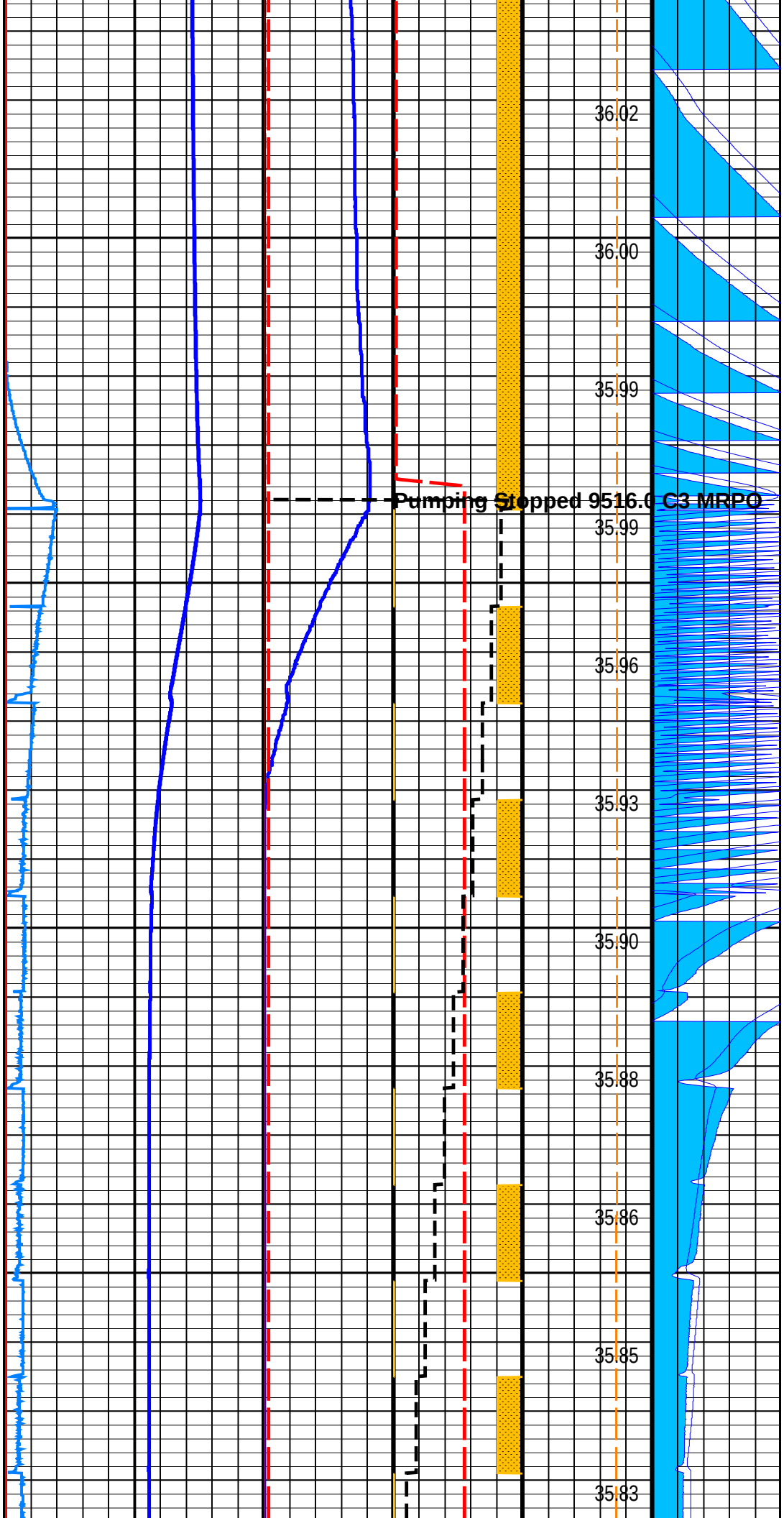
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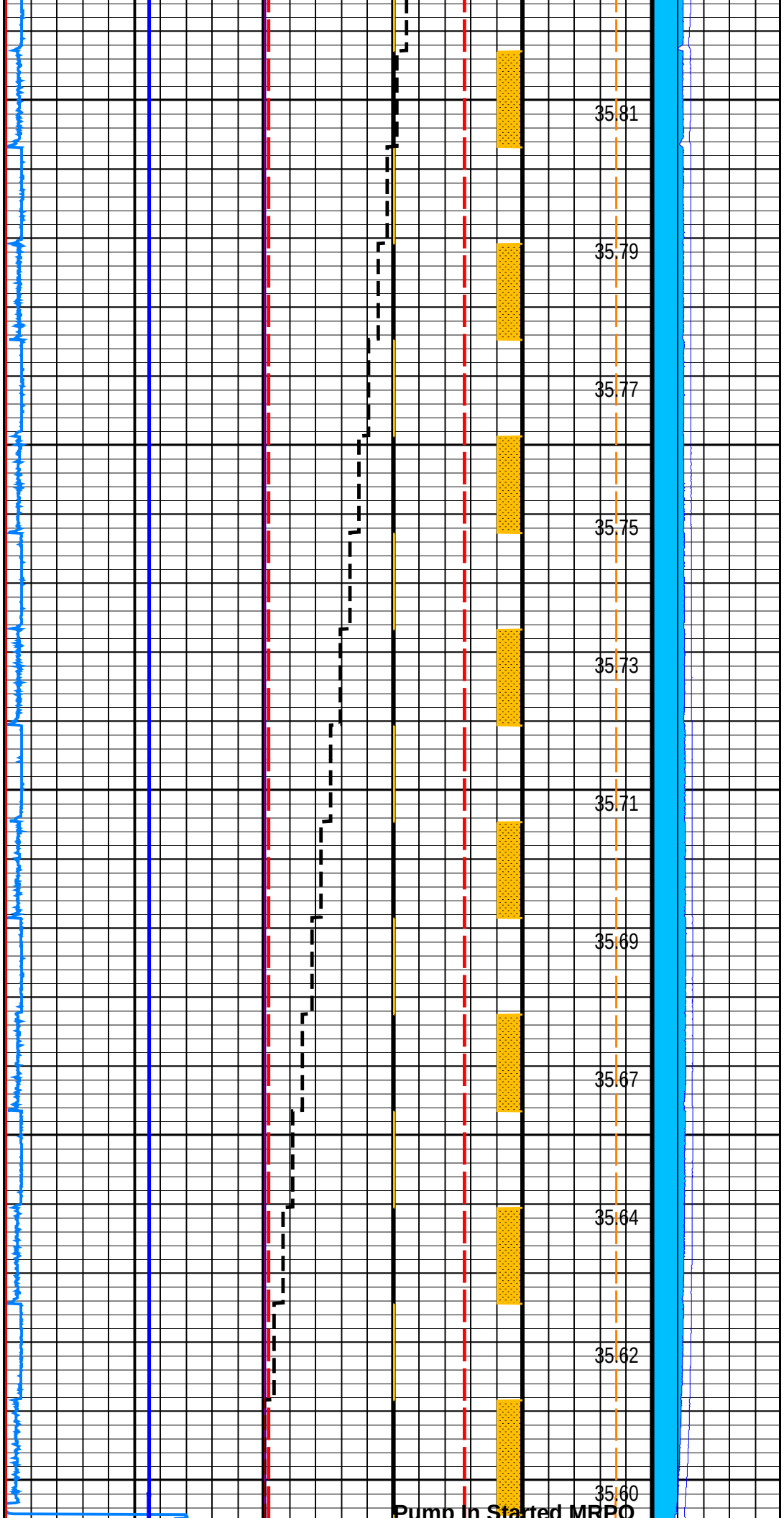
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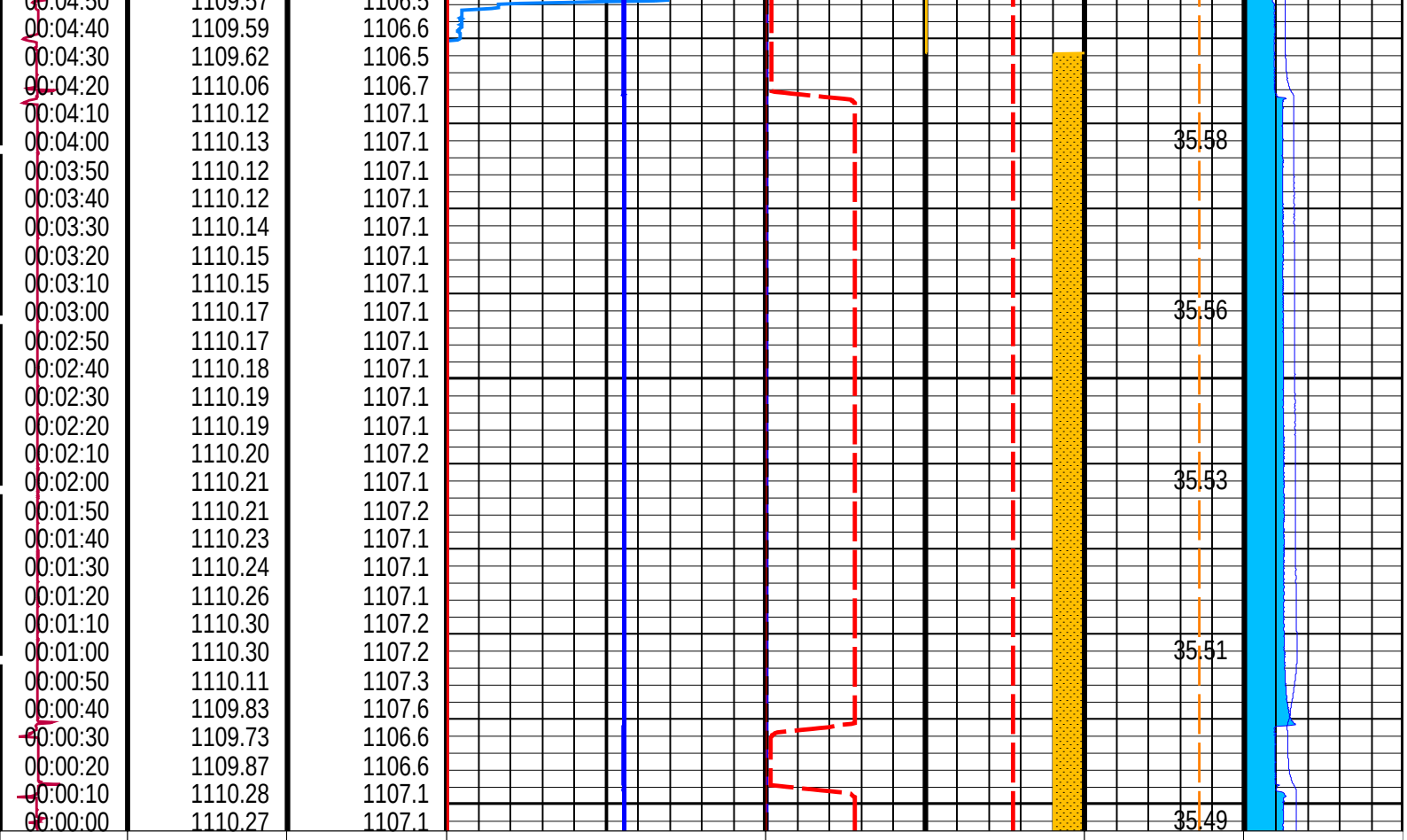


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00:20:50	1150.04	1152.1
00:20:40	1138.25	1140.3
00:20:30	1124.67	1126.8
00:20:20	1127.89	1129.0
00:20:10	1123.06	1123.5
00:20:00	1120.29	1120.4
00:19:50	1118.35	1118.0
00:19:40	1117.72	1117.4
00:19:30	1114.98	1114.9
00:19:20	1113.05	1112.6
00:19:10	1111.52	1111.0
00:19:00	1111.95	1110.6
00:18:50	1111.43	1110.1
00:18:40	1111.13	1109.6
00:18:30	1110.85	1109.2
00:18:20	1110.57	1107.8
00:18:10	1110.40	1108.5
00:18:00	1110.17	1108.3
00:17:50	1109.90	1108.1
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00:17:00	1110.14	1107.4
00:16:50	1110.24	1107.3
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00:12:10	1110.04	1107.2
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00:07:20	1110.13	1107.2
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00:07:00	1110.11	1107.1
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00:06:40	1110.07	1107.1
00:06:30	1110.03	1107.0
00:06:20	1110.05	1107.1
00:06:10	1110.01	1107.0
00:06:00	1109.99	1107.0
00:05:50	1109.94	1106.9
00:05:40	1109.92	1106.9
00:05:30	1109.85	1106.9
00:05:20	1109.78	1106.8
00:05:10	1109.69	1106.7
00:05:00	1109.57	1106.6
00:04:50	1109.57	1106.5





Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)	MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000	MRPA Quartz Temperature (PAQT) (DEGF) 100 150	MRPA SG One's (PSGU) 0 (---- 10
MRPC 50 V Supply (50V) 30 (V) 100			MRPA SG Pressure (PASG) 0 (PSIA) 2000	MRPA Interval Valve Position (PAVP) −5 (---- 250	MRPA Inflate Valve Position (PAFP) −5 (---- 250	MRPA Quartz Temperature (PAQT) (DEGF)	MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10
			MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Pump Volume (POPV) 0 (C3) 10000		
			MRPA Quartz Pressure (PAQP) 0 (PSIA) 2000	MRPA Auto deflate status (PAAD) 0 (---- 5	MRPO Solenoid 3 Status (POS3) 5 (---- 0	

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		

PDCO	Probe Depth Correction Offset	0	FT

Format: PACKER Vertical Scale: 1" per 60S Graphics File Created: 16−Feb−2007 14:17

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_093LTP	FN:104	PRODUCER	16−Feb−2007 14:17		

Output DLIS Files

DEFAULT	MDT_OFA_094LTP	FN:105	PRODUCER	16−Feb−2007 19:17	2151.1 FT	325.9 FT

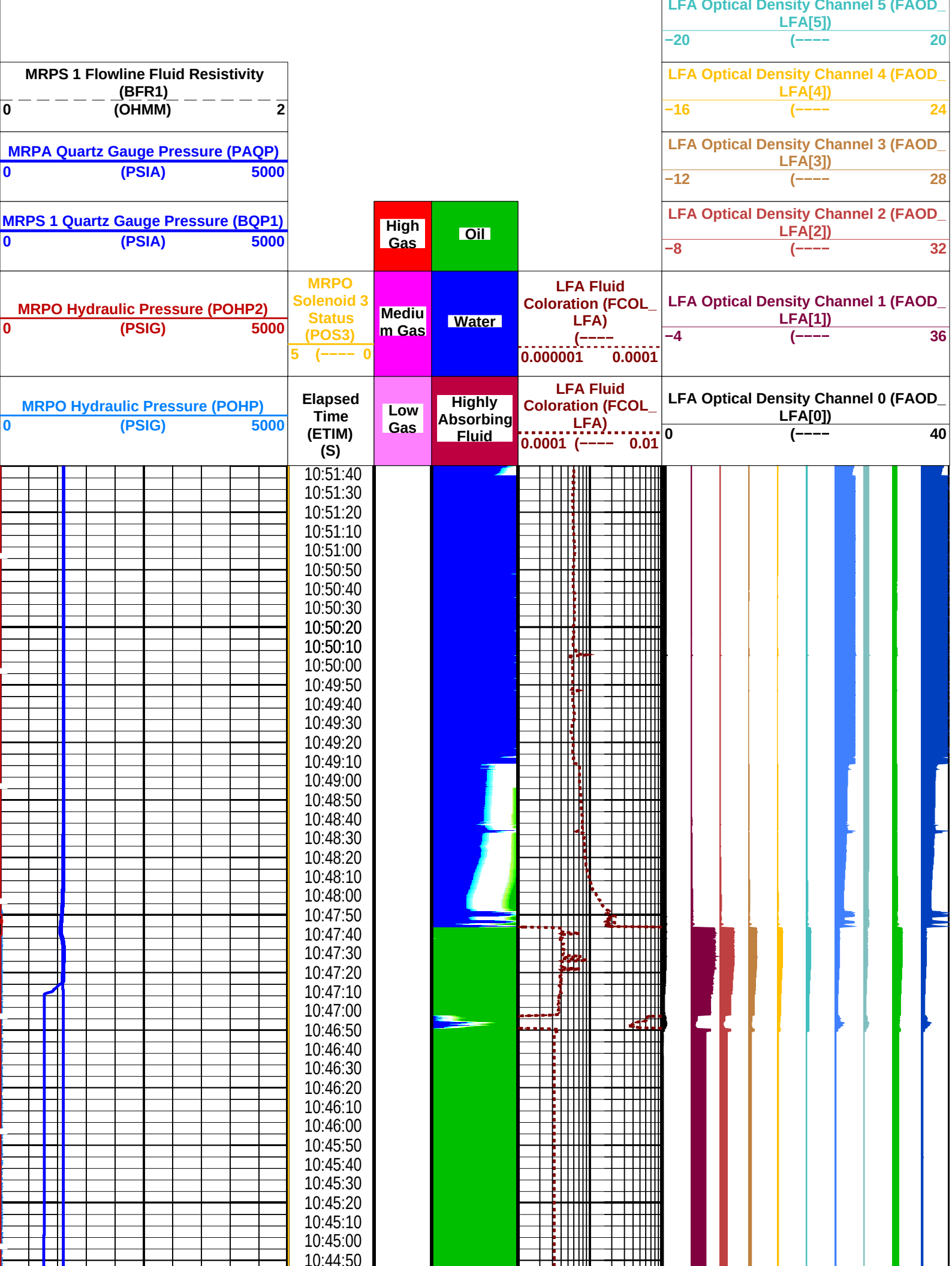
Event Summary

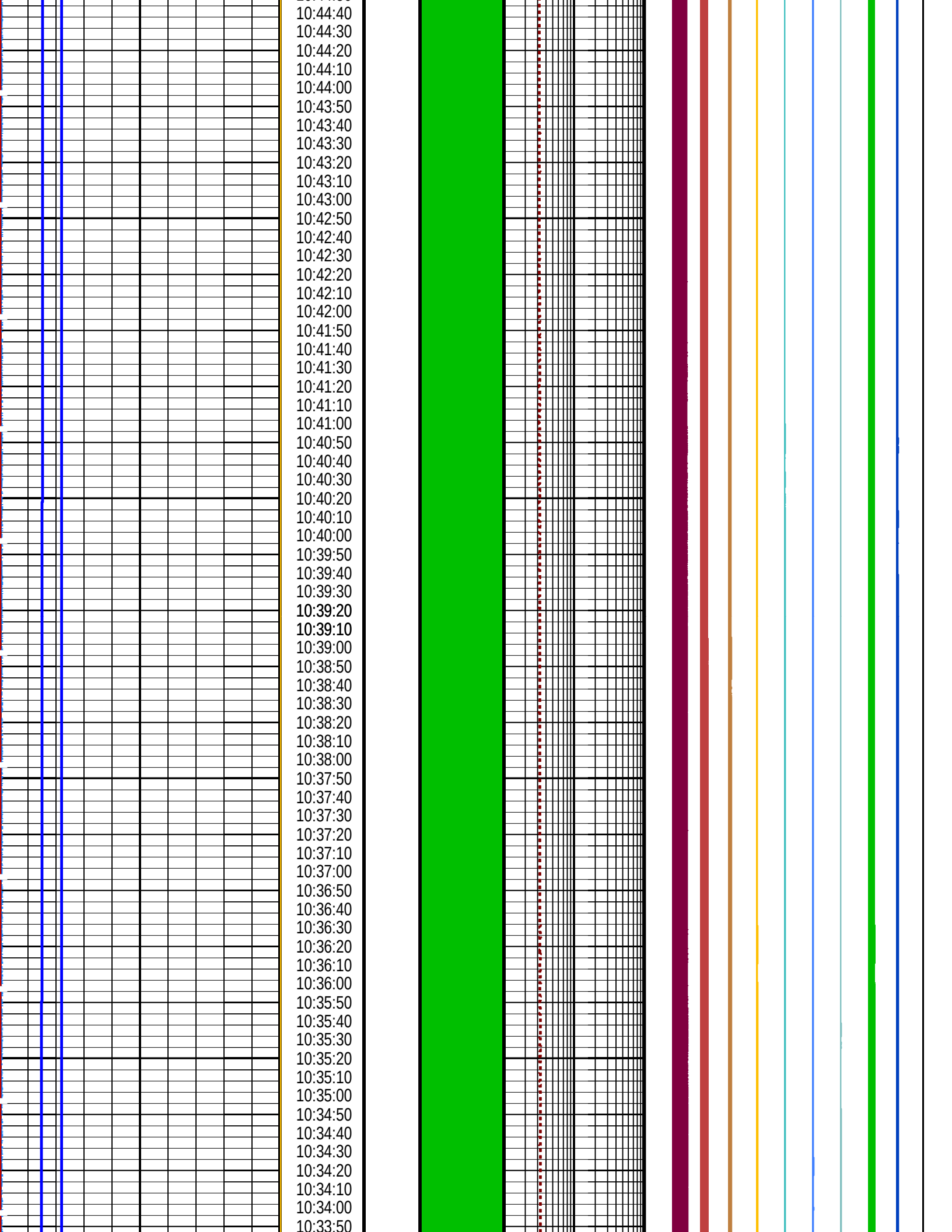
Elapsed Time (s)	Event Summary
35227.2	Pumping Stopped 2562.0 C3 Dual Pumpout Module (MRPO)
34396.5	Open Sample Chamber Module 2 (1 Gallon, H2S), sample number = 1
34341.3	Pump Out Started Dual Pumpout Module (MRPO)
18115.2	Pumping Stopped 40992.0 C3 Dual Pumpout Module (MRPO)
16098.0	Seal MDT Multi−Sample (MRMS) 1, bottle 2
15575.4	Open MDT Multi−Sample (MRMS) 1, bottle 2, sample number = 2
12855.0	Seal Sample Chamber Module 2 (1 Gallon, H2S)
11325.9	Pump Out Started Dual Pumpout Module (MRPO)
5462.7	Pumping Stopped 4392.0 C3 Dual Pumpout Module (MRPO)
4524.3	Pump Out Started Dual Pumpout Module (MRPO)
2136.6	Pumping Stopped 1464.0 C3 Dual Pumpout Module (MRPO)
1237.2	Pump Out Started Dual Pumpout Module (MRPO)
1090.8	Pumping Stopped 7686.0 C3 Dual Pumpout Module (MRPO)
190.8	Pump In Started Dual Pumpout Module (MRPO)

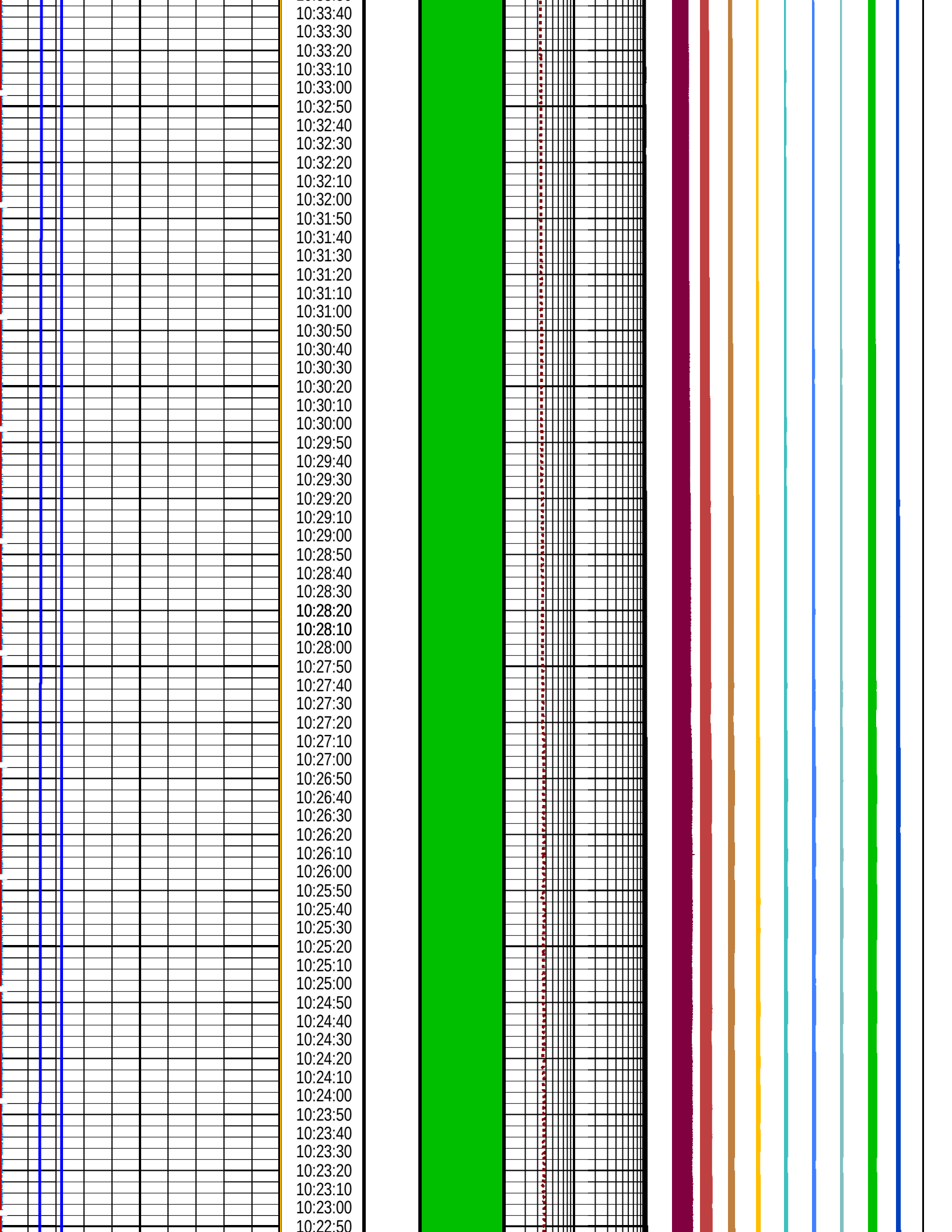
PIP SUMMARY

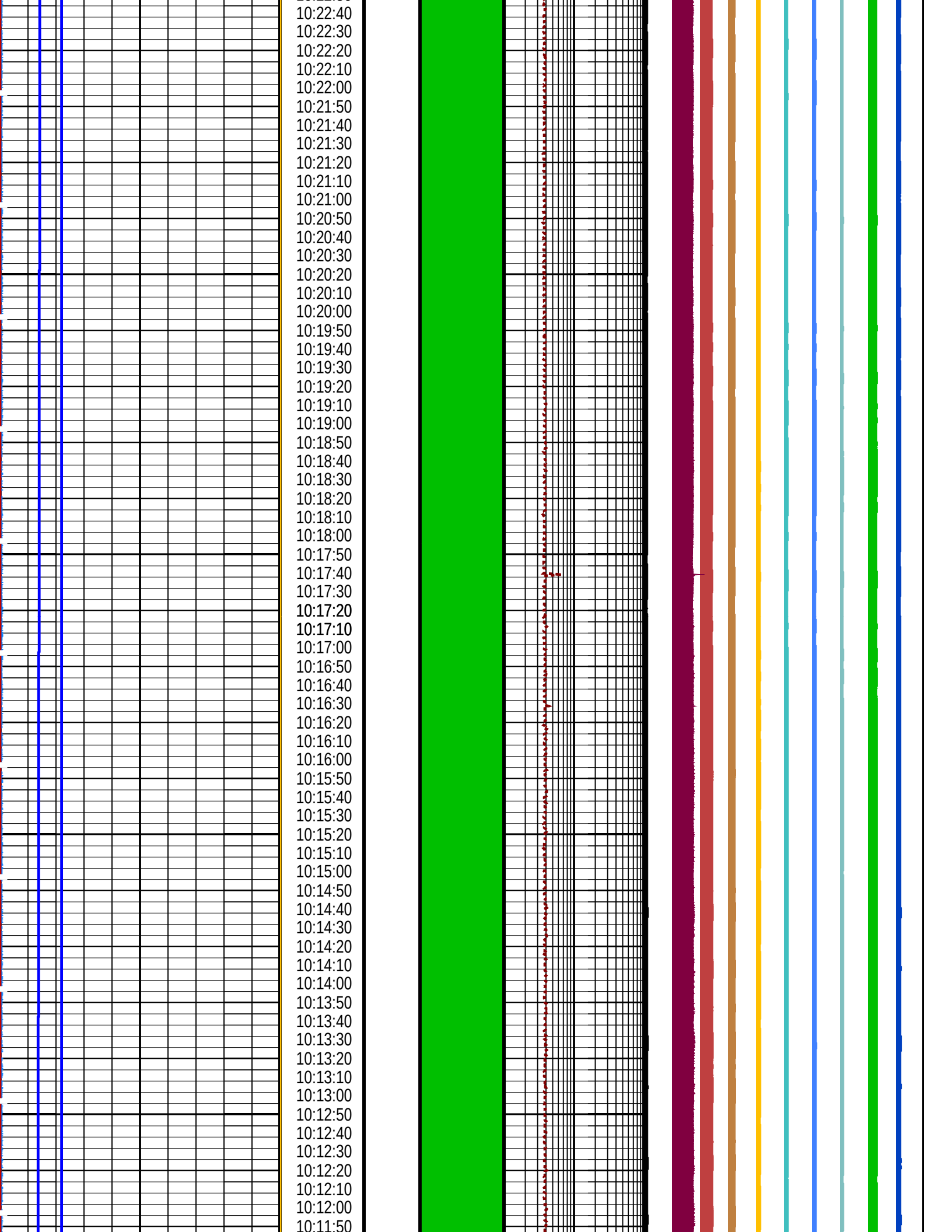
Time Mark Every 60 S

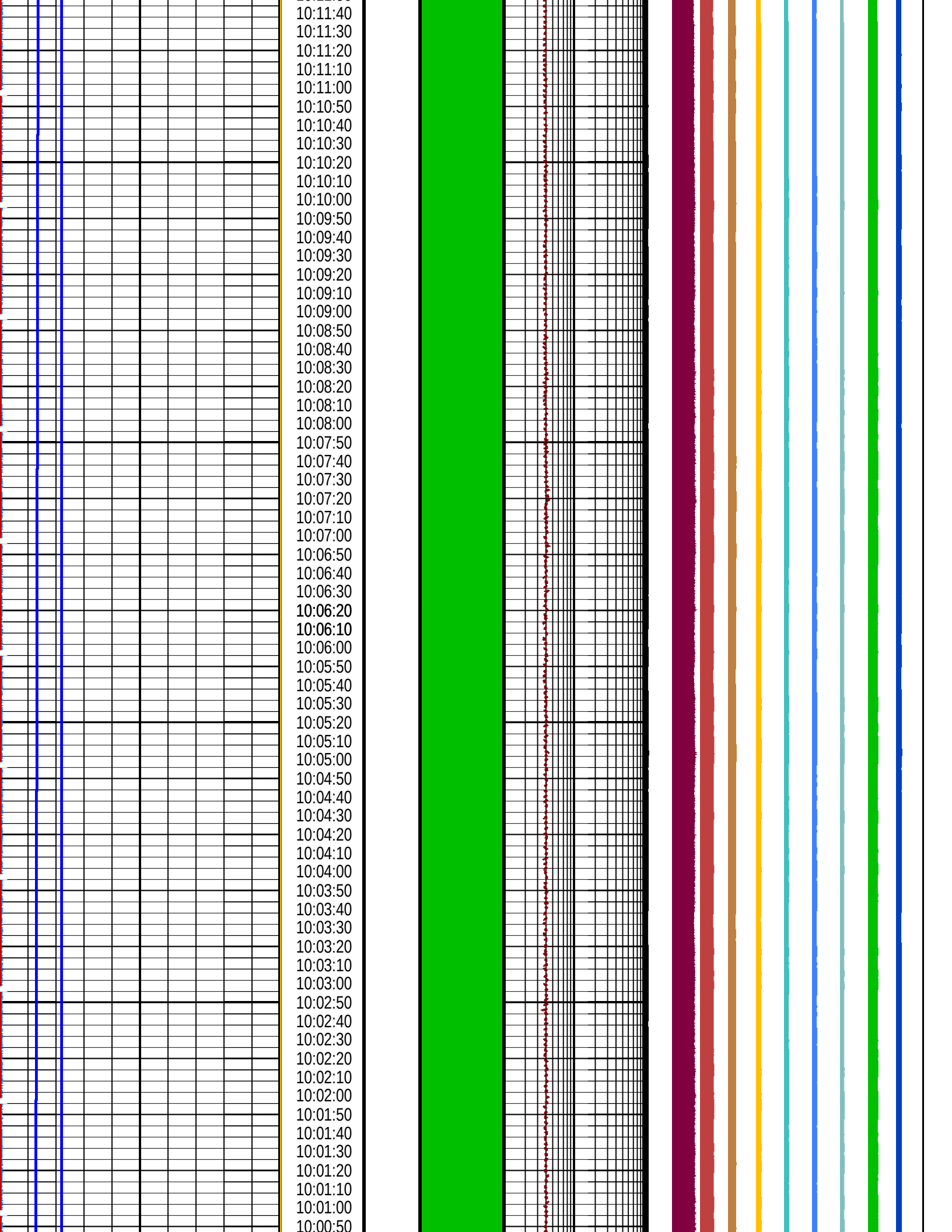
LFA Optical Density Channel 9 (FAOD_LFA[9])		
−36	(−−−−	4
LFA Optical Density Channel 8 (FAOD_LFA[8])		
−32	(−−−−	8
LFA Optical Density Channel 7 (FAOD_LFA[7])		
−28	(−−−−	12
LFA Optical Density Channel 6 (FAOD_LFA[6])		
−24	(−−−−	16

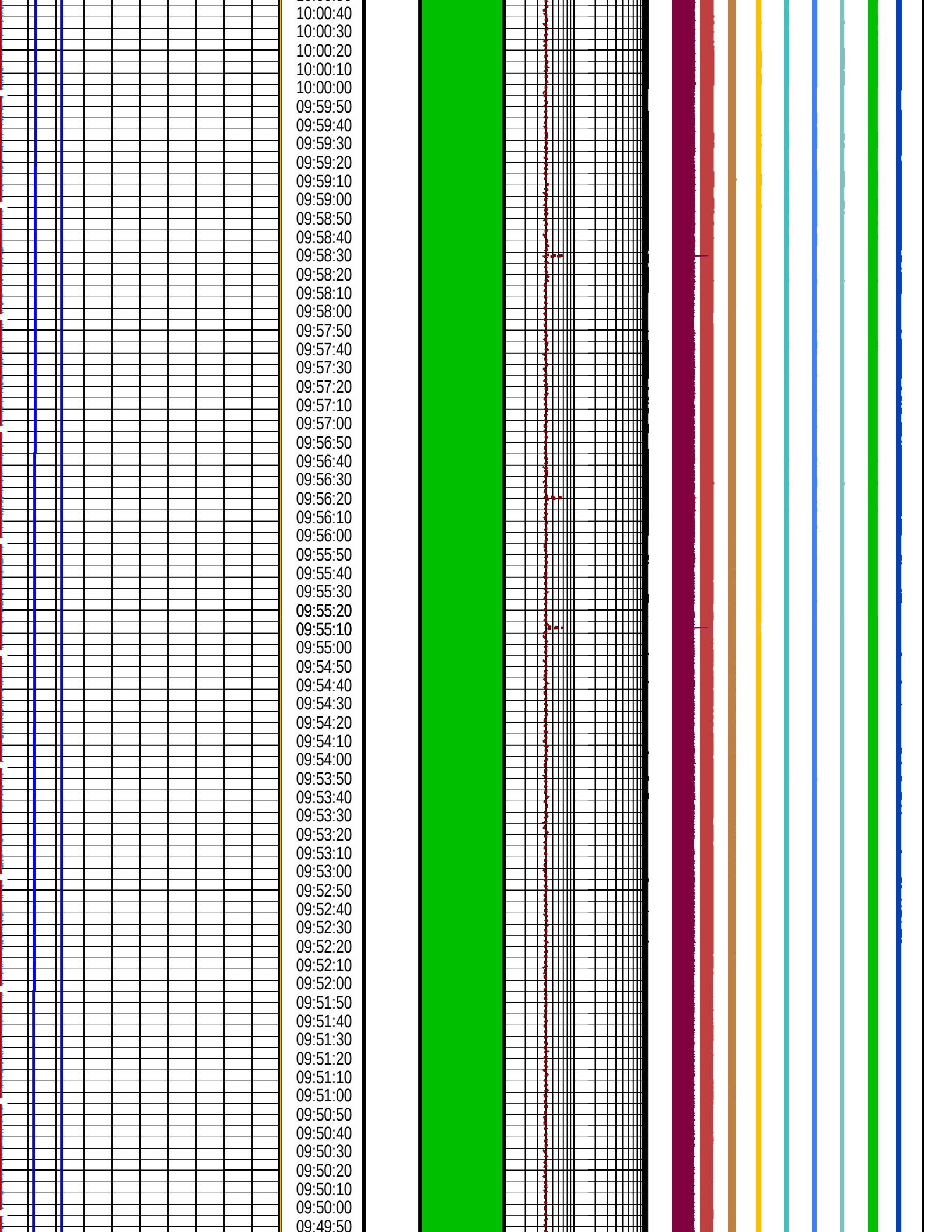

LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (−−−− 20
MRPS 1 Flowline Fluid Resistivity (BFR1)
0 (OHMM) 2
LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (−−−− 24
MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 5000
LFA Optical Density Channel 3 (FAOD_LFA[3])
−12 (−−−− 28
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000
High Gas
Oil
LFA Optical Density Channel 2 (FAOD_LFA[2])
−8 (−−−− 32
MRPO Hydraulic Pressure (POHP2)
0 (PSIG) 5000
MRPO Solenoid 3 Status (POS3)
5 (−−−− 0
Medium Gas
Water
LFA Fluid Coloration (FCOL_LFA)
(−−−−
0.000001 0.0001
LFA Optical Density Channel 1 (FAOD_LFA[1])
−4 (−−−− 36
MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000
Elapsed Time (ETIM) (S)
Low Gas
Highly Absorbing Fluid
LFA Fluid Coloration (FCOL_LFA)
0.0001 (−−−− 0.01
LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (−−−− 40
10:51:40
10:51:30
10:51:20
10:51:10
10:51:00
10:50:50
10:50:40
10:50:30
10:50:20
10:50:10
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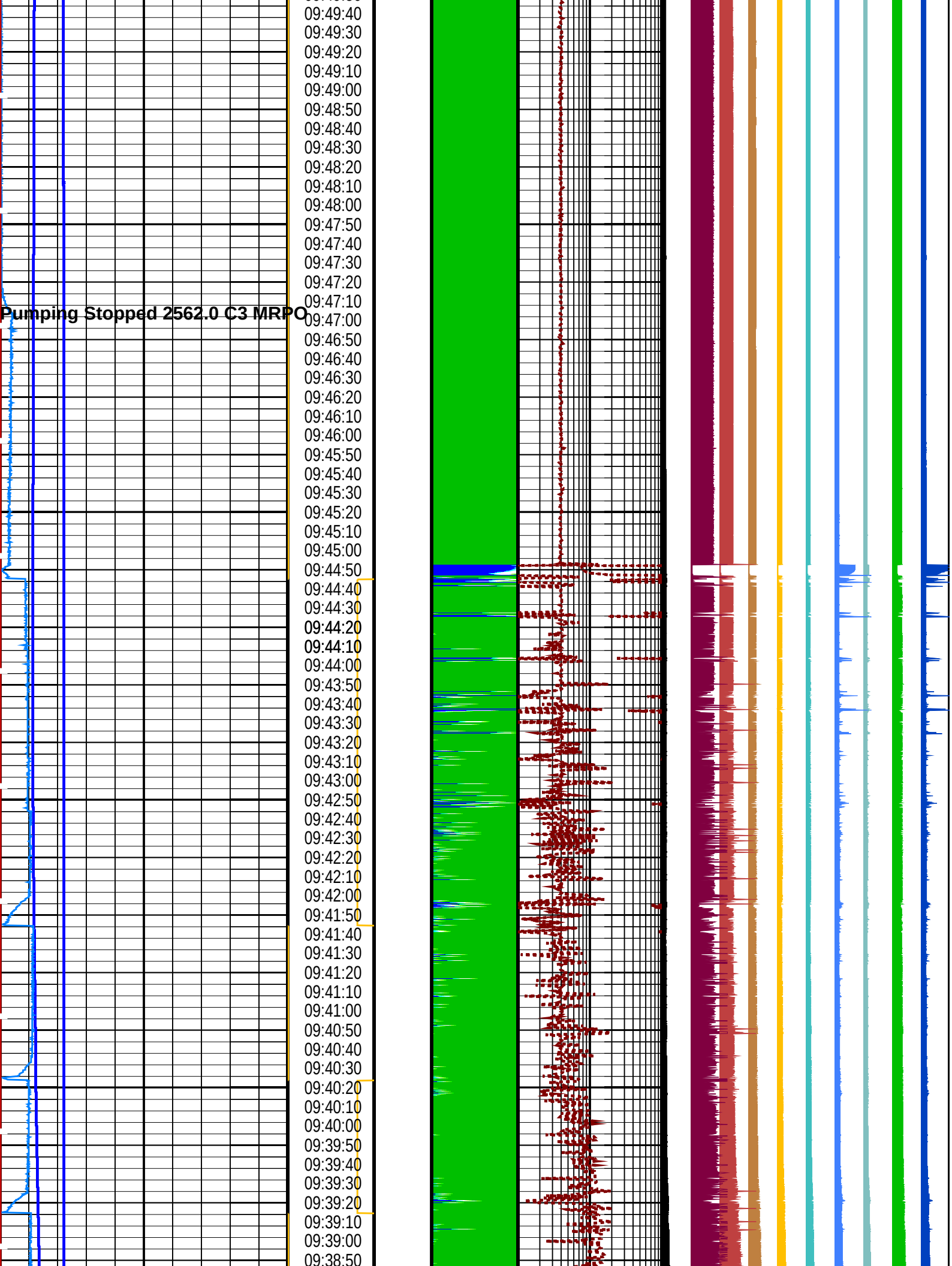

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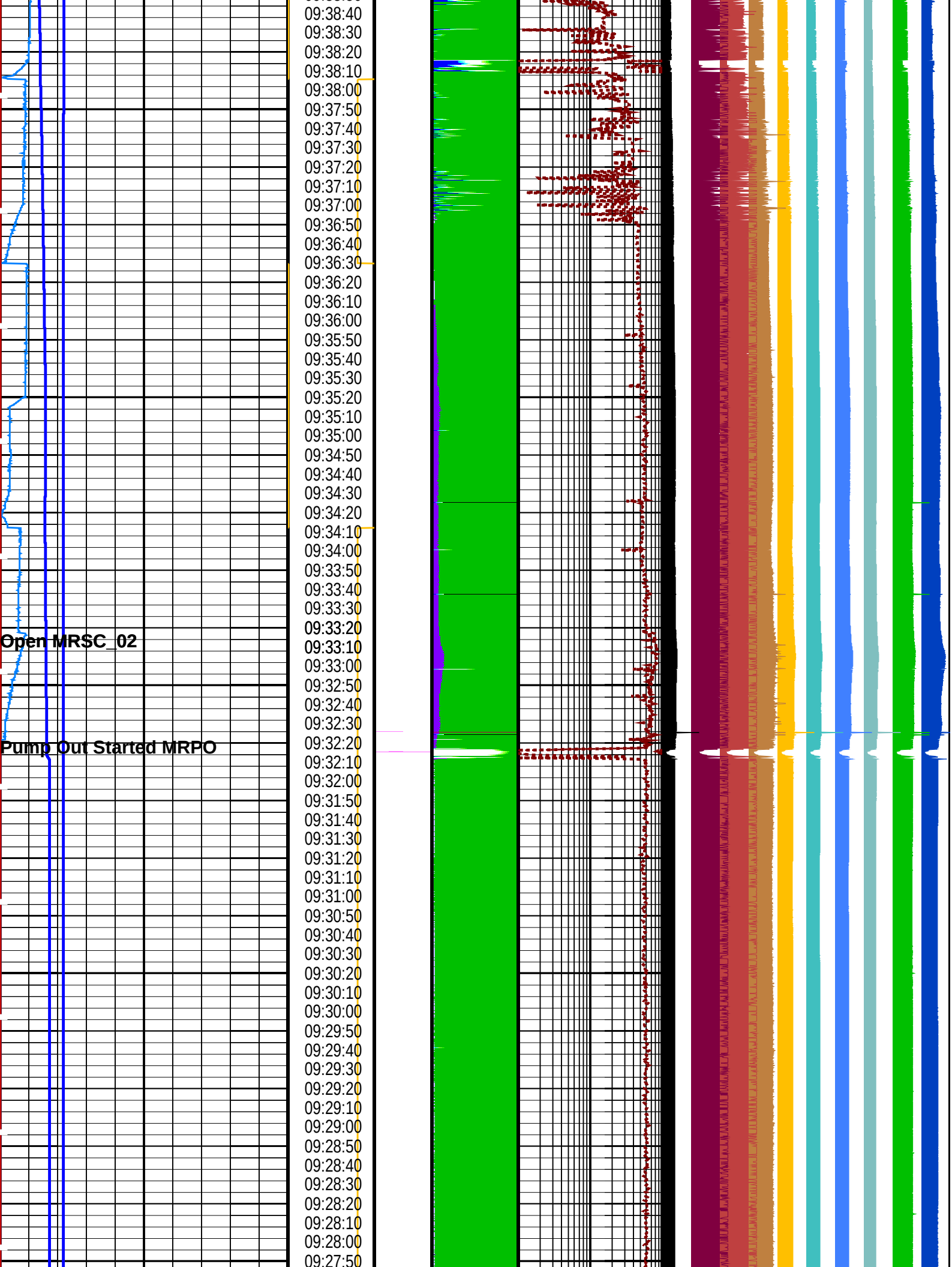

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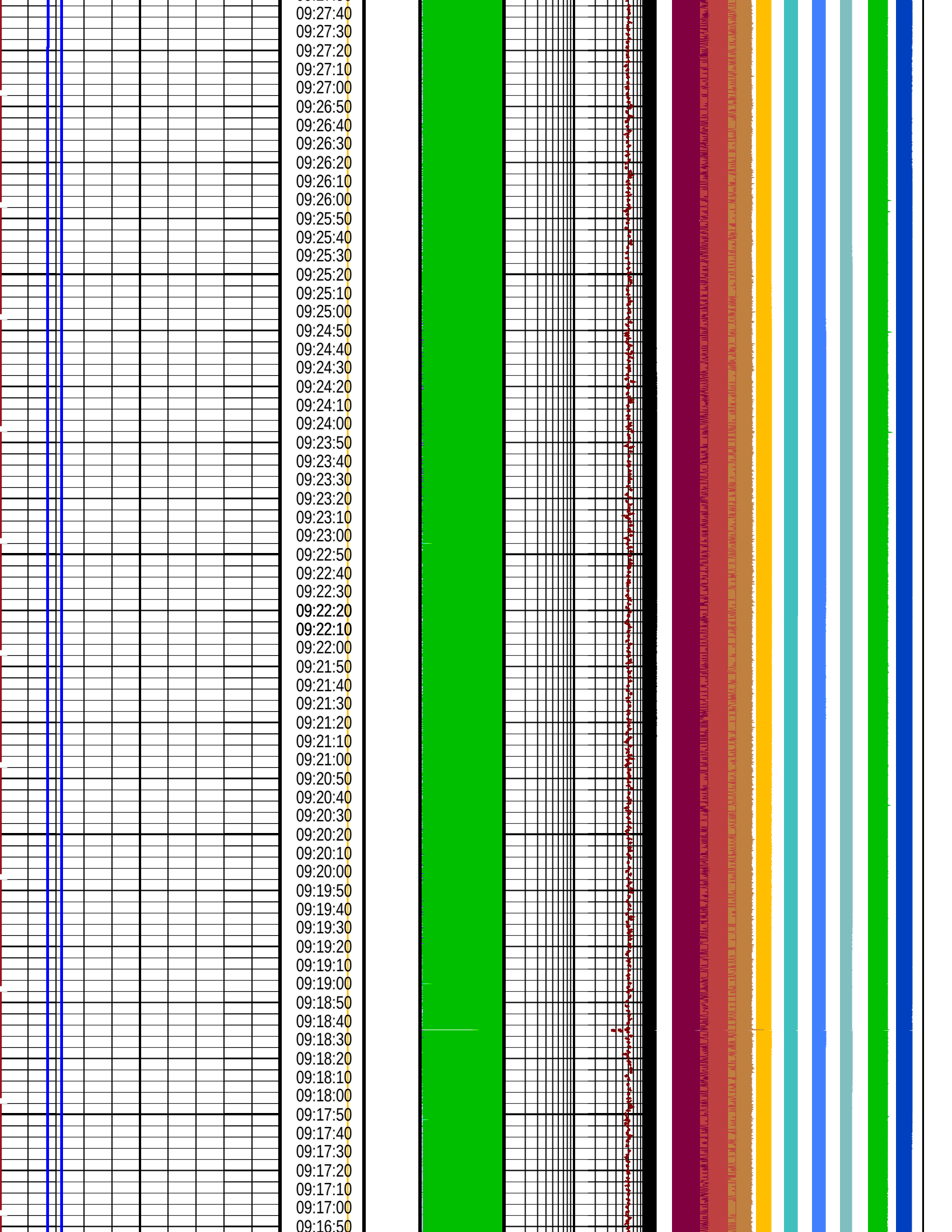

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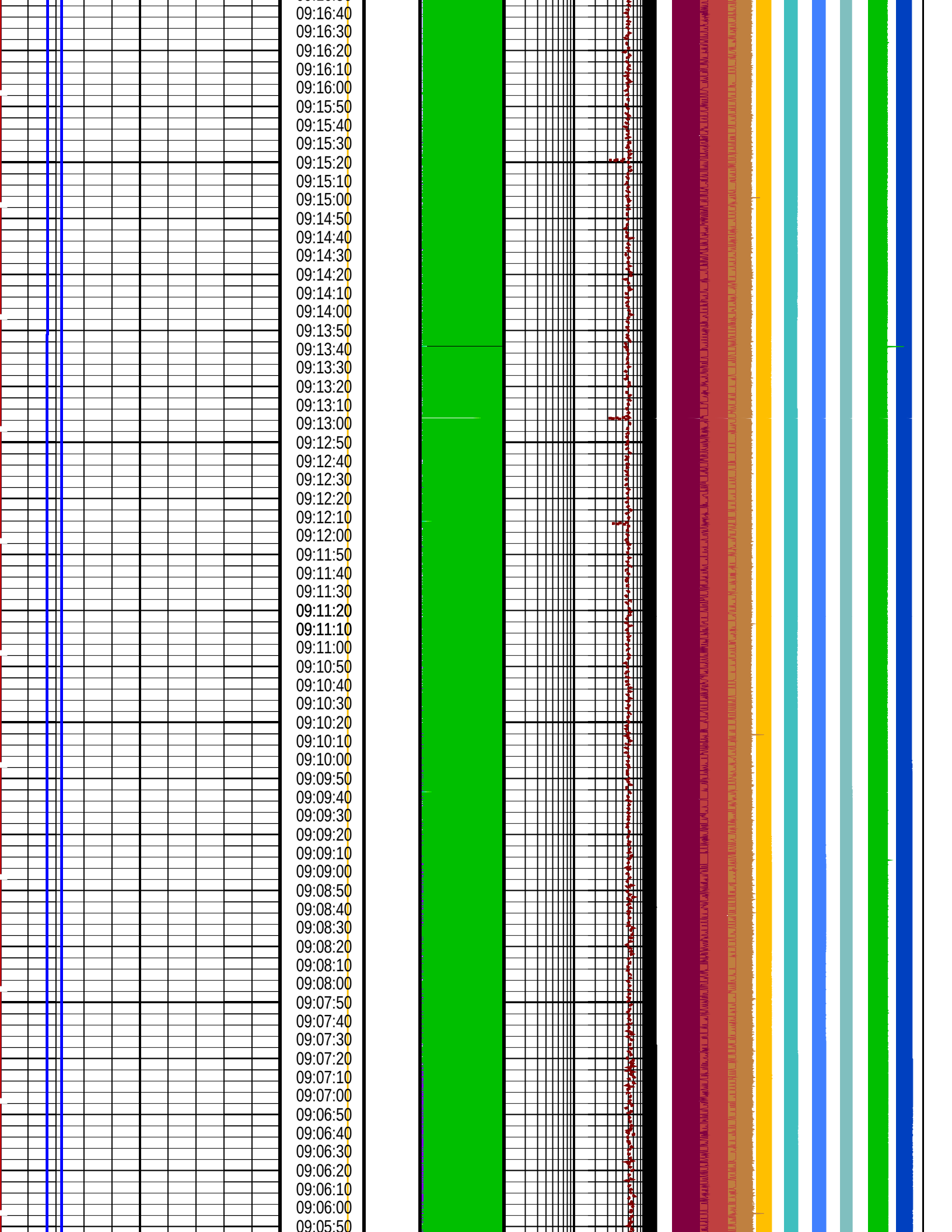

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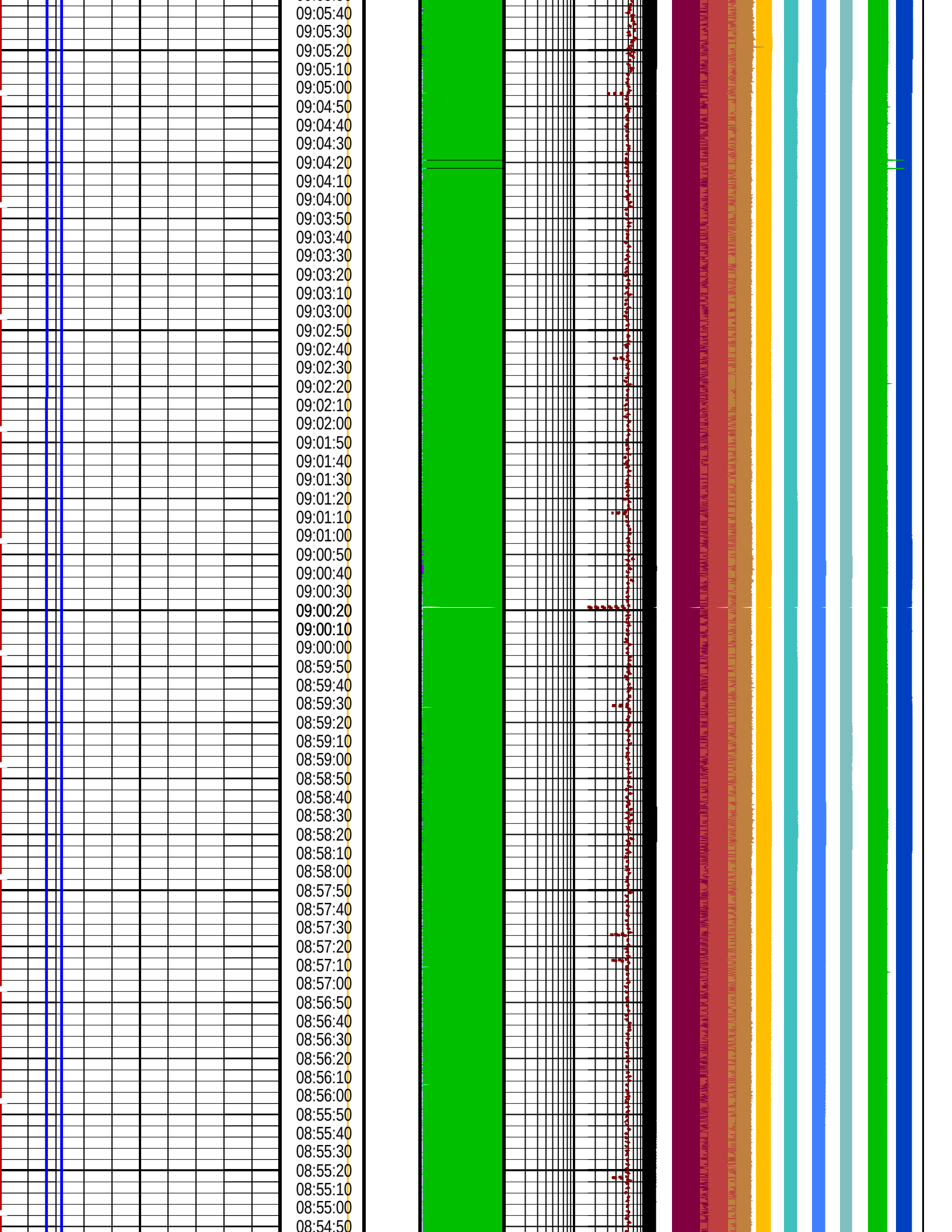

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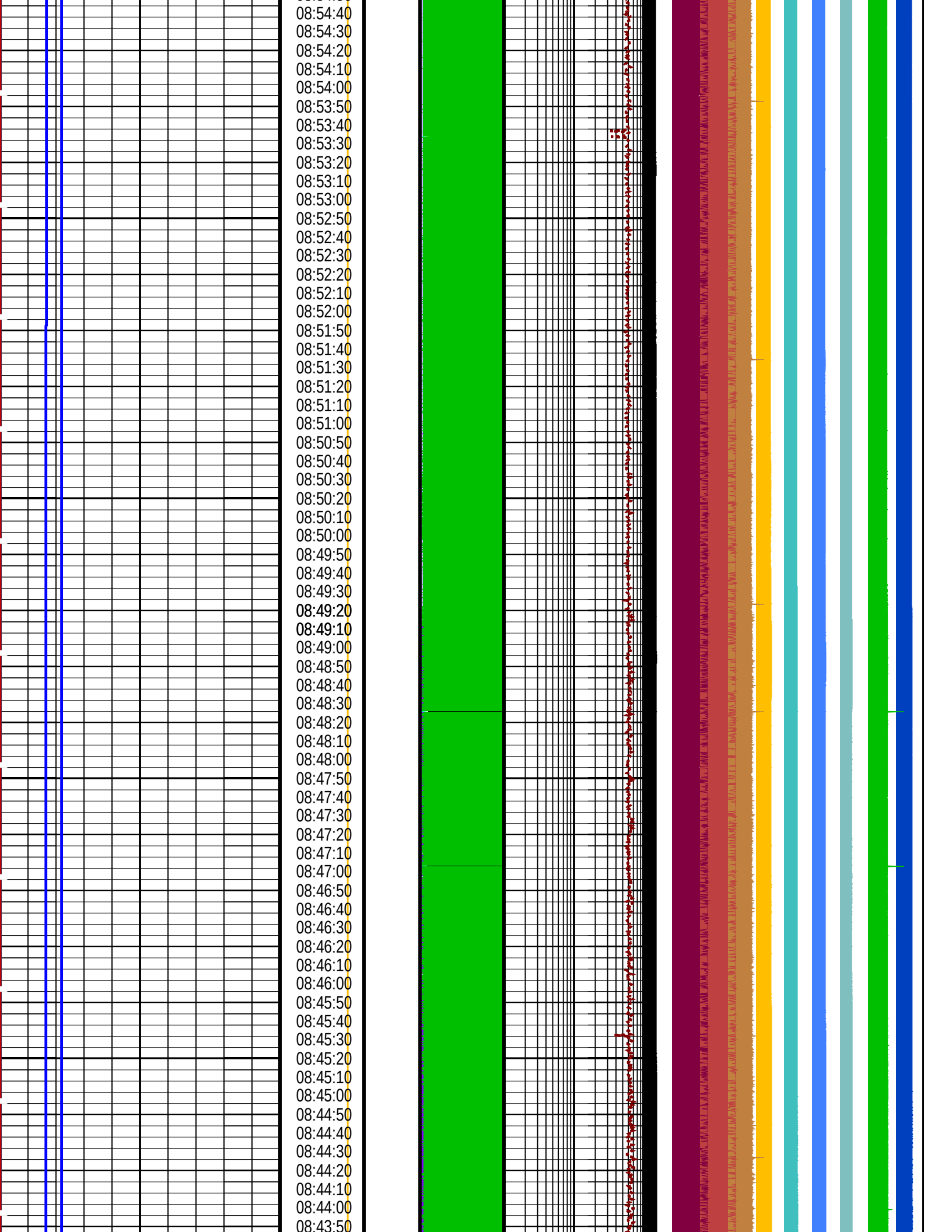

Pumping Stopped 2562.0 C3 MRPO
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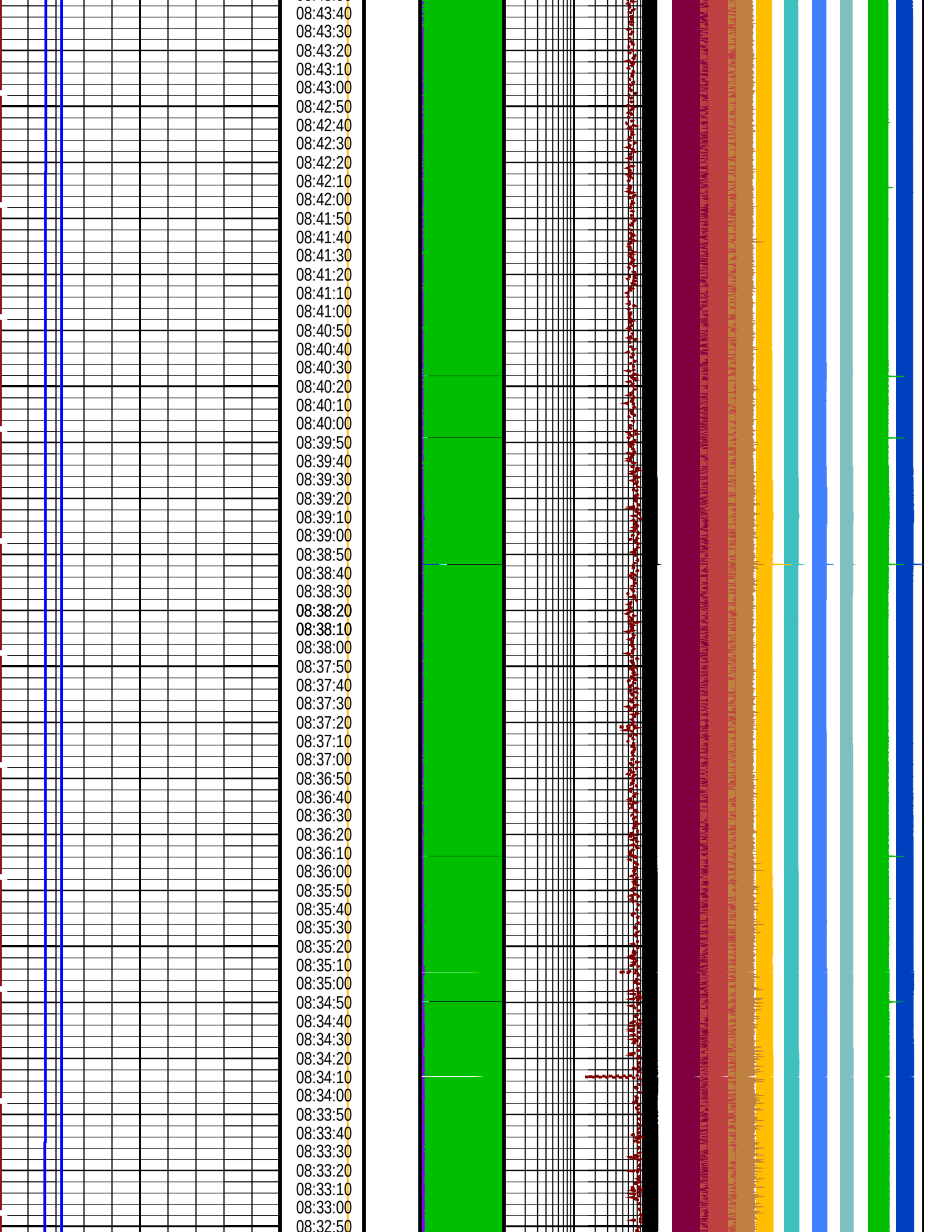

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Open MRSC_02
Pump Out Started MRPO

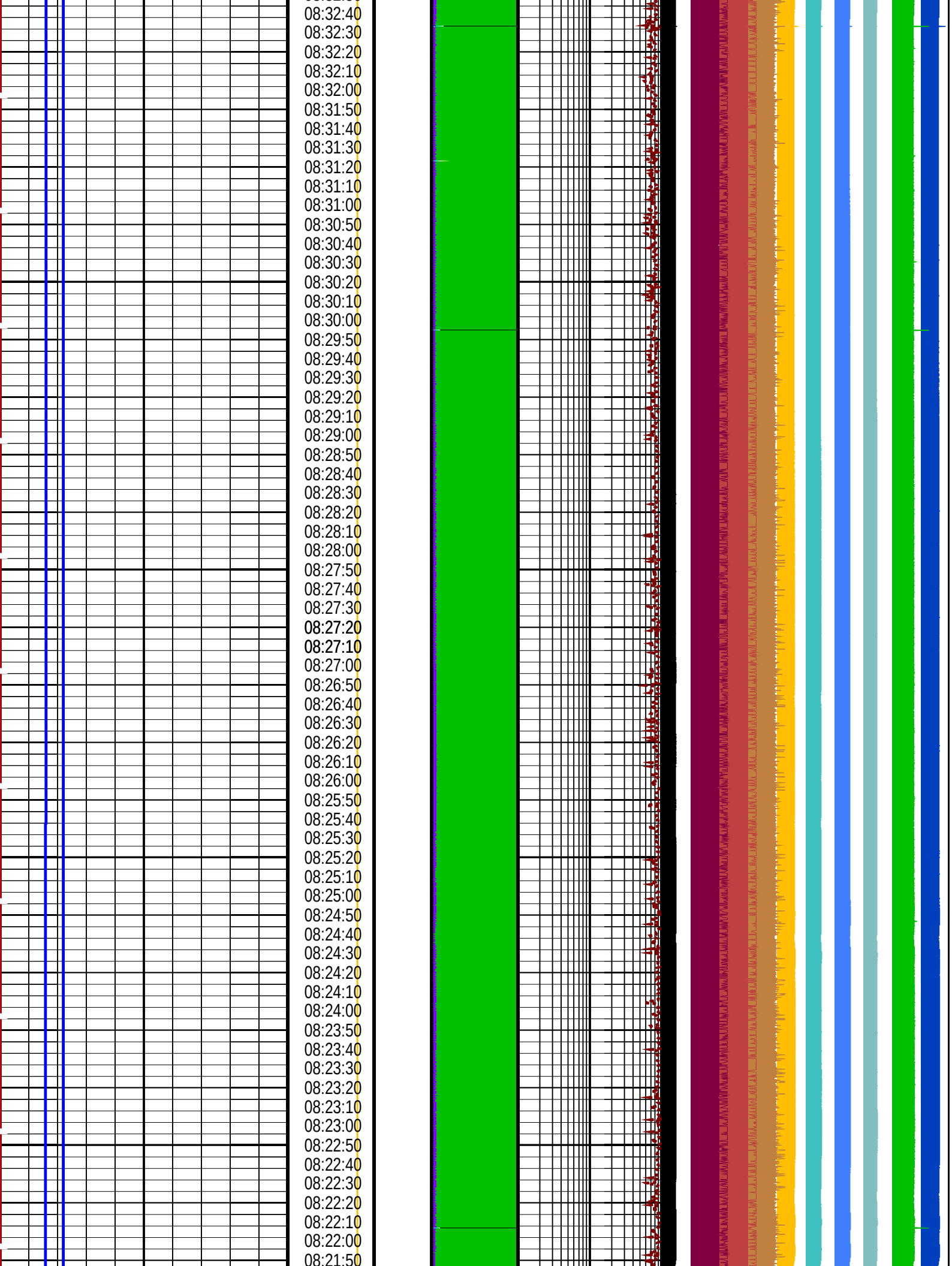

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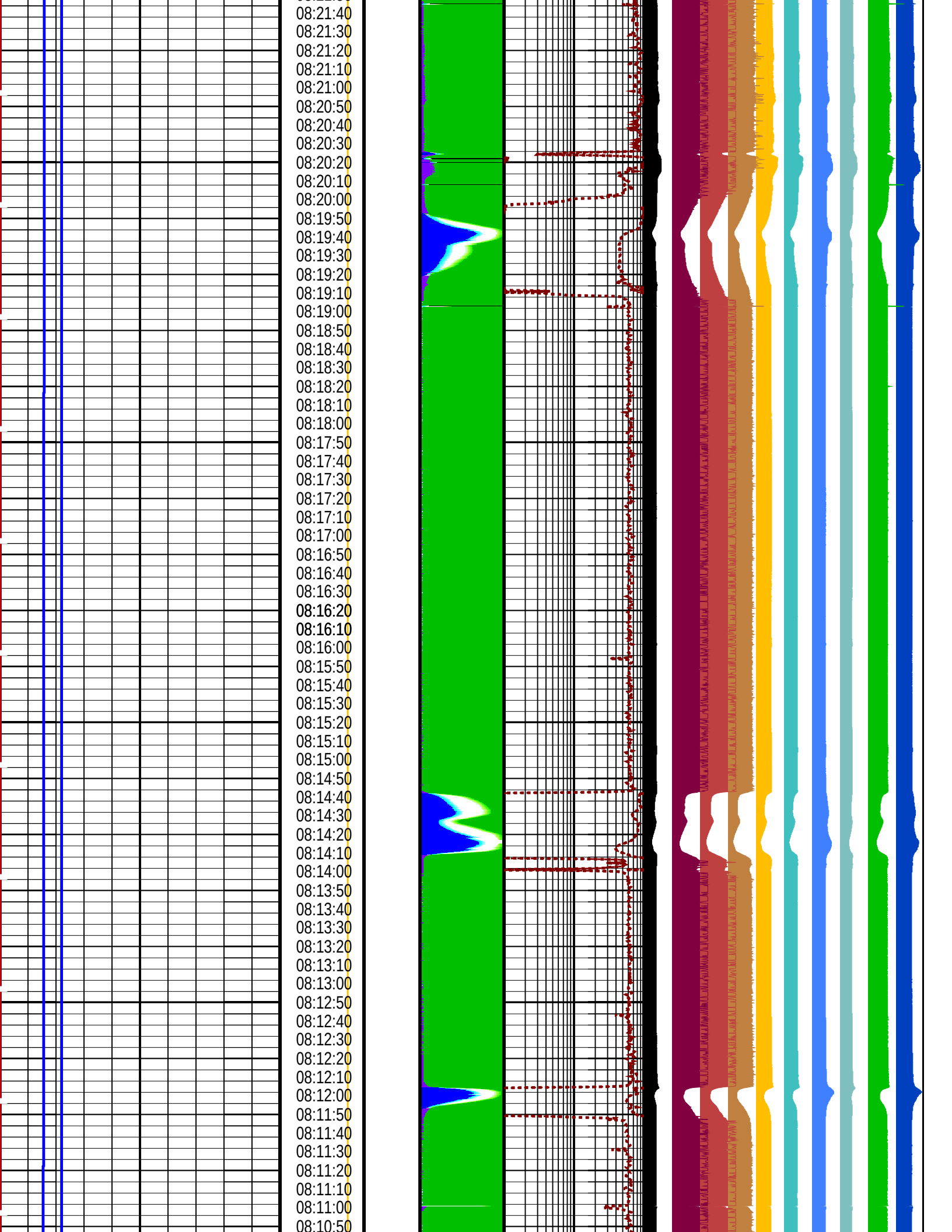

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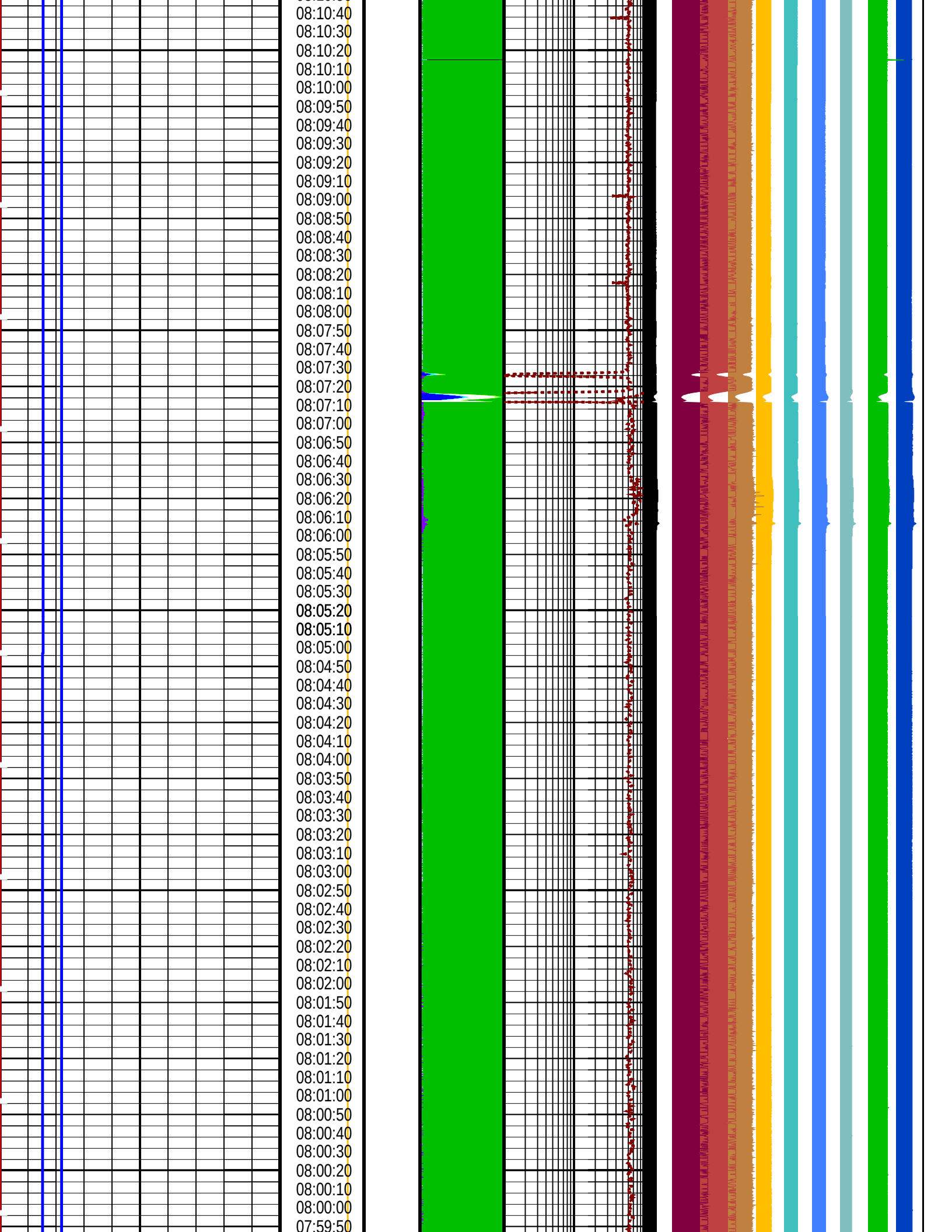

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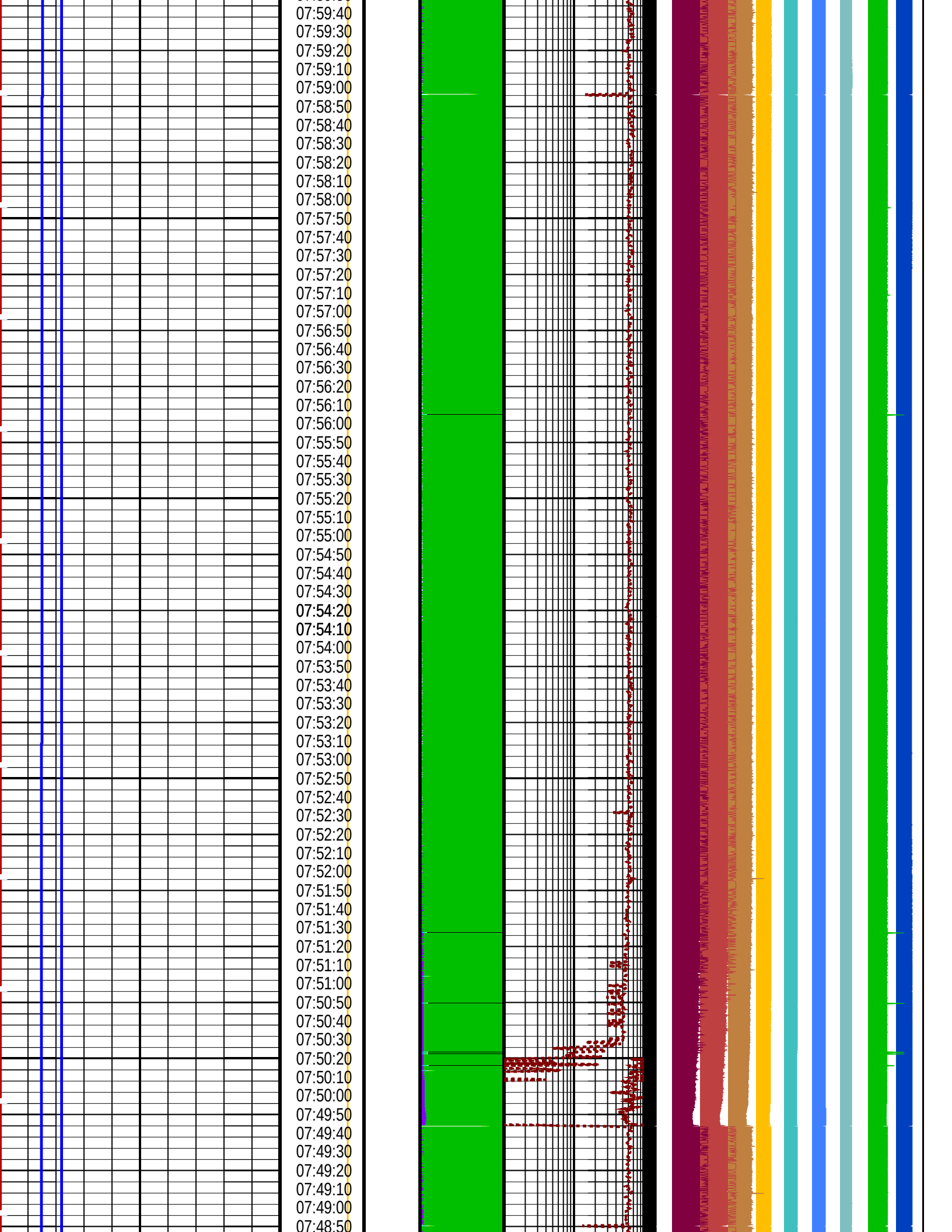

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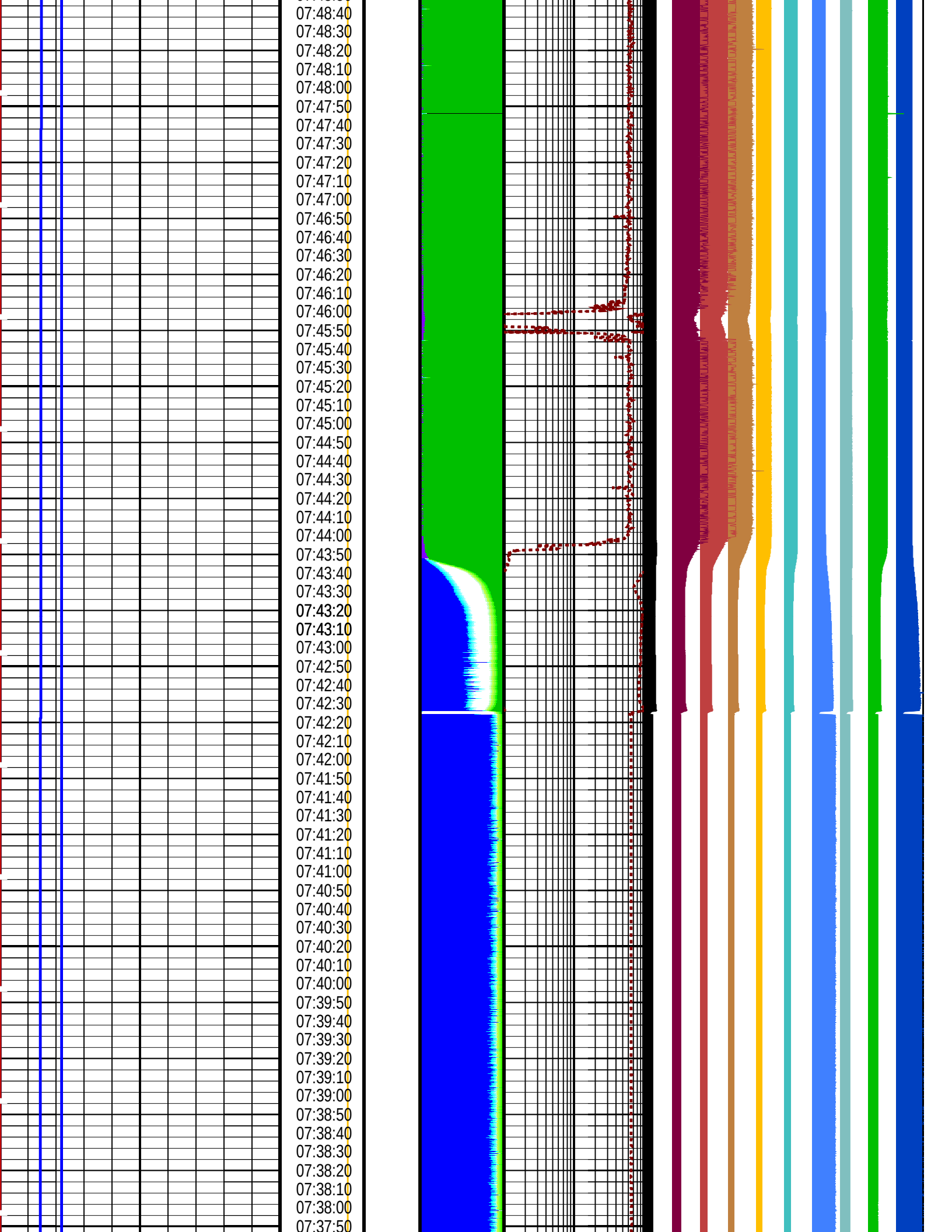

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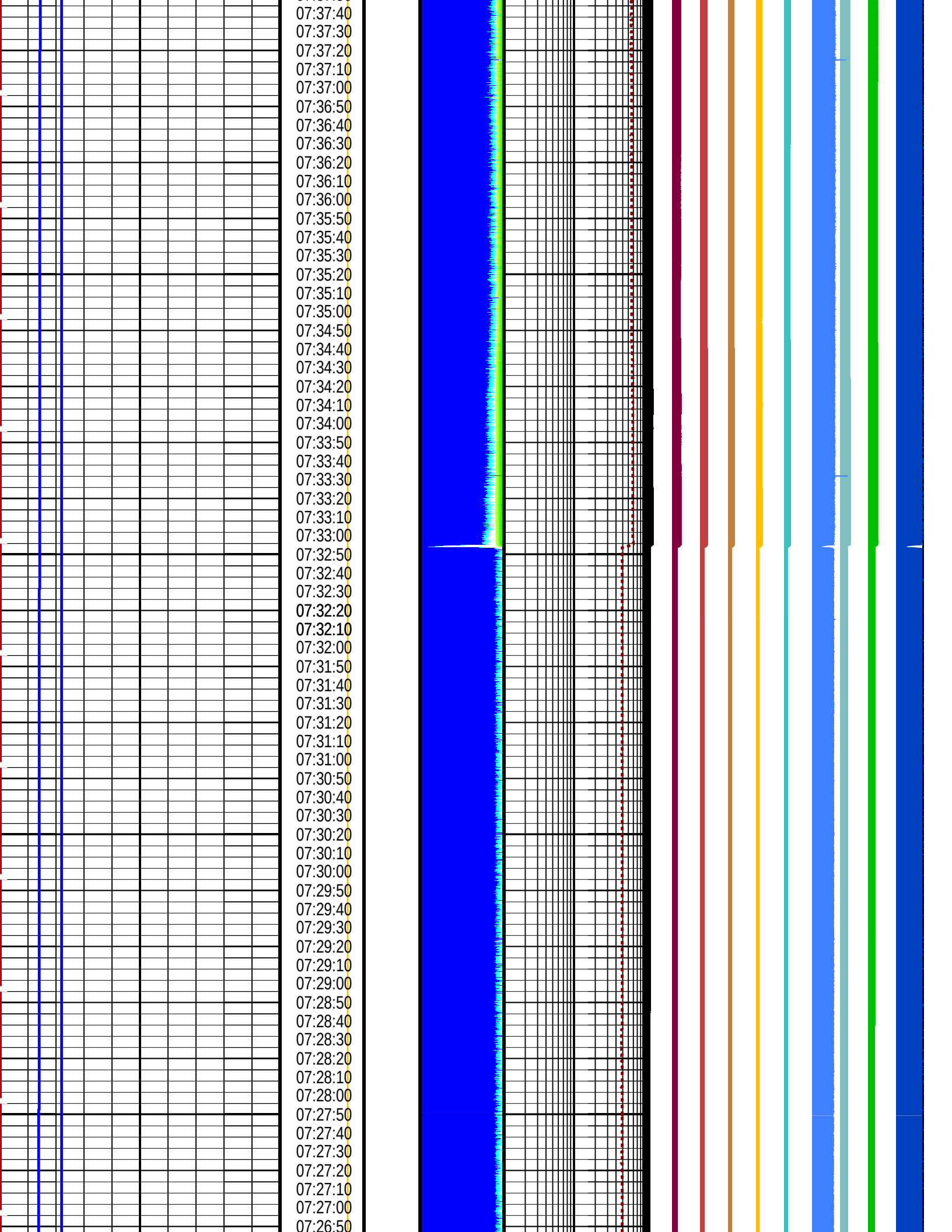

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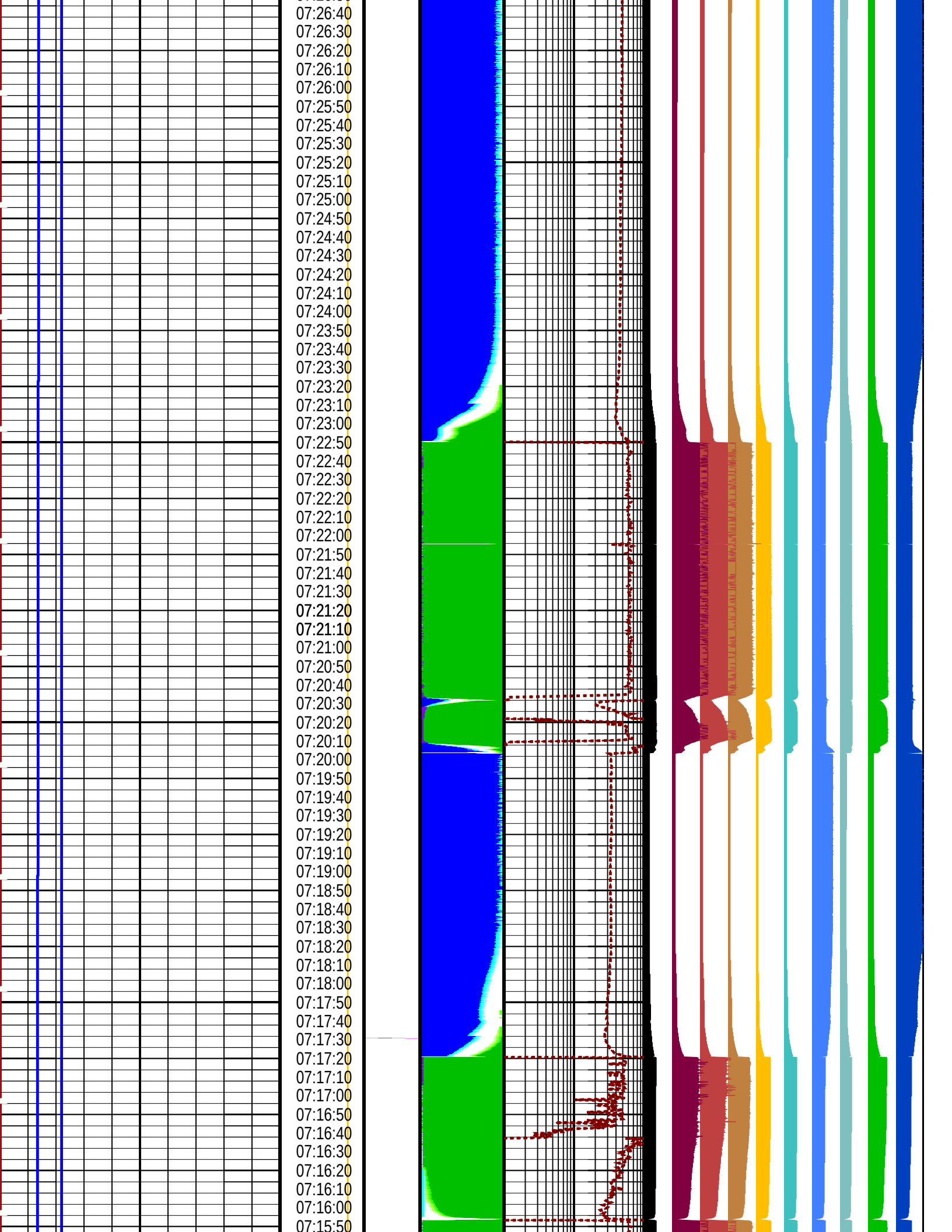

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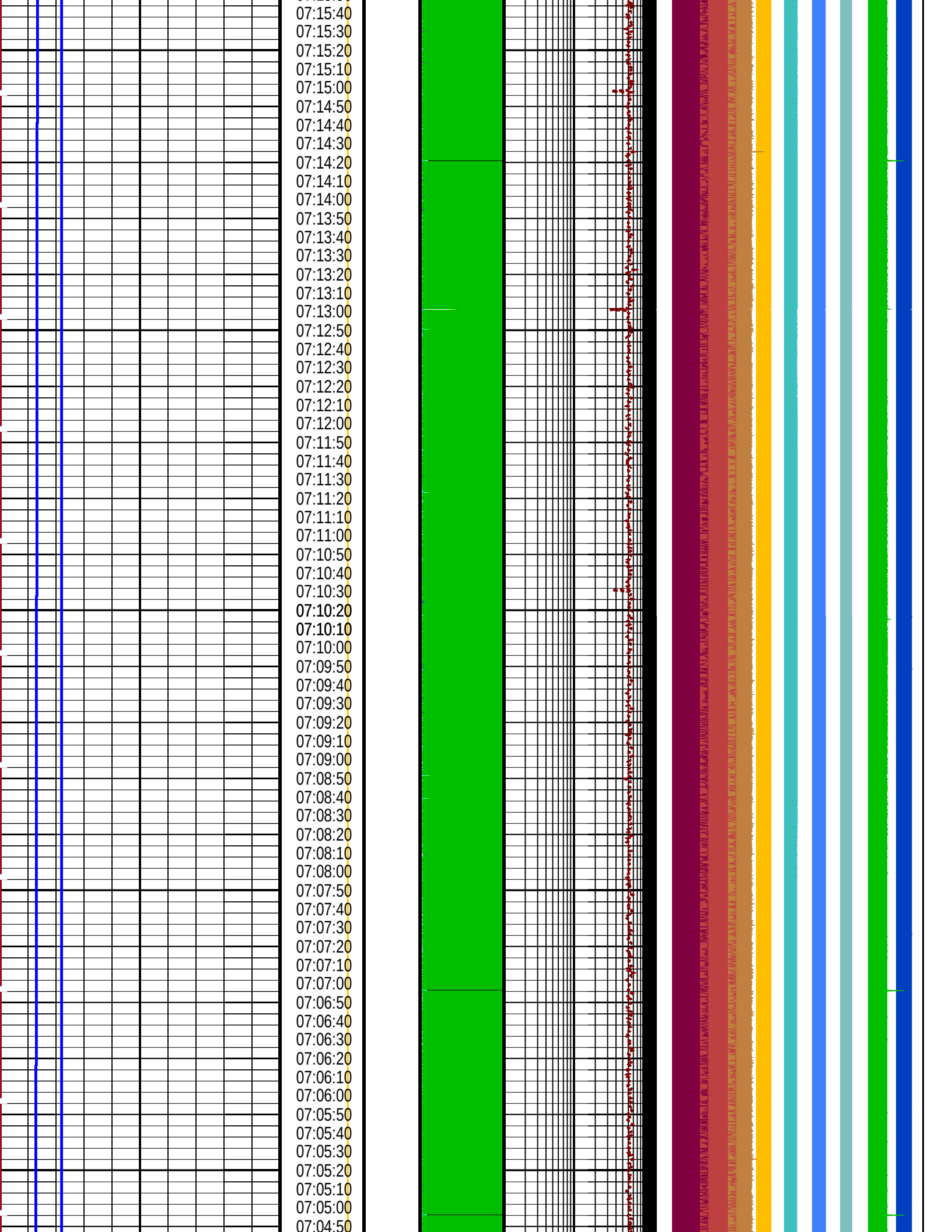

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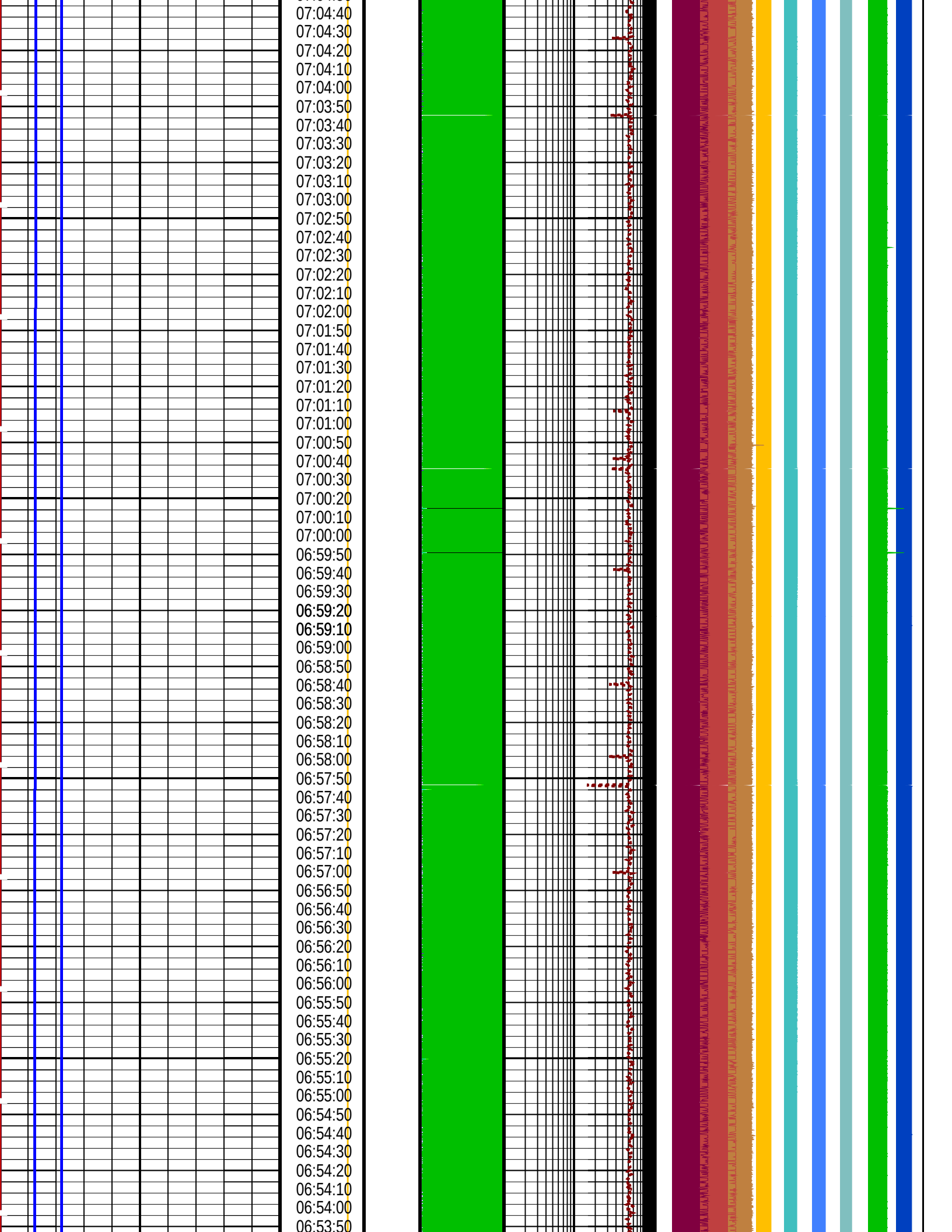

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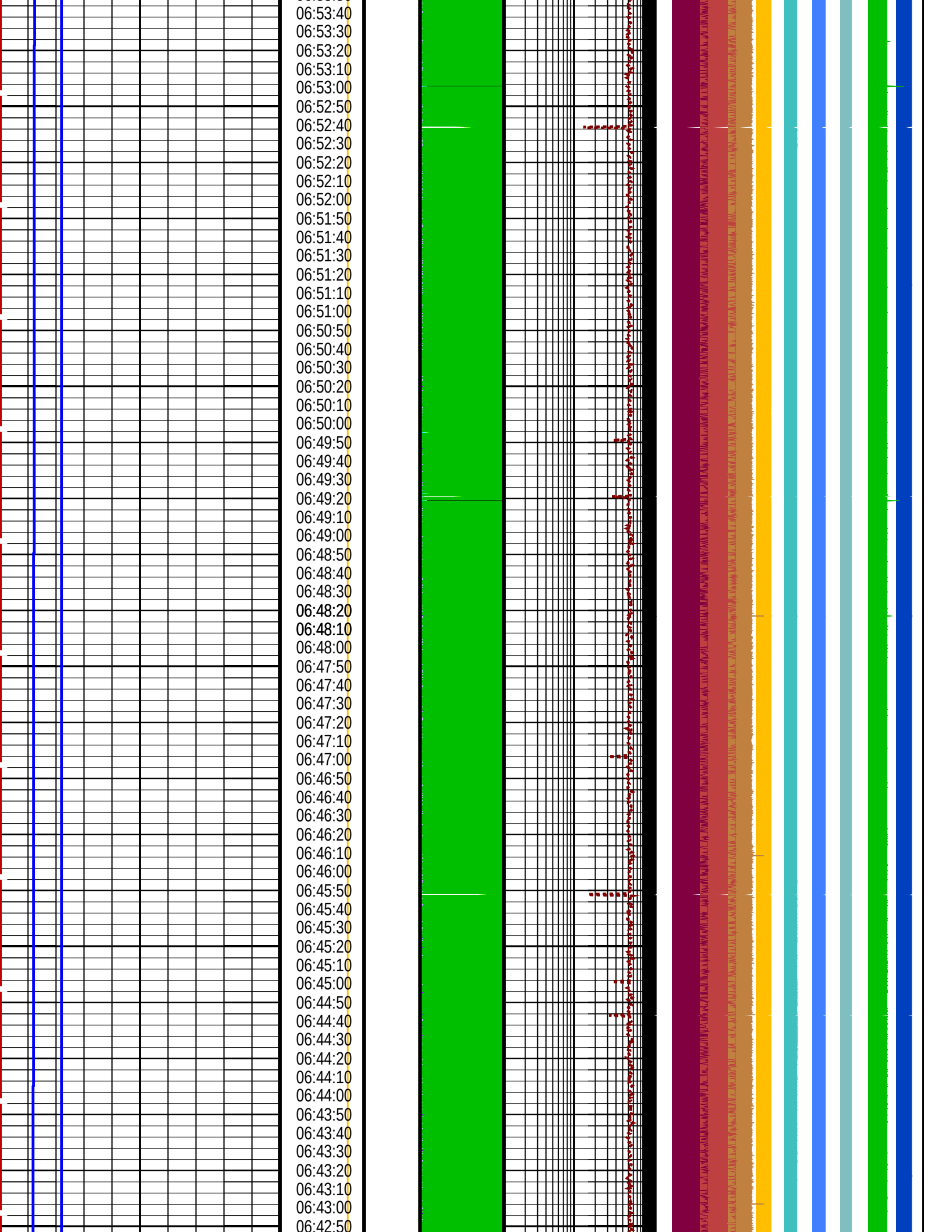

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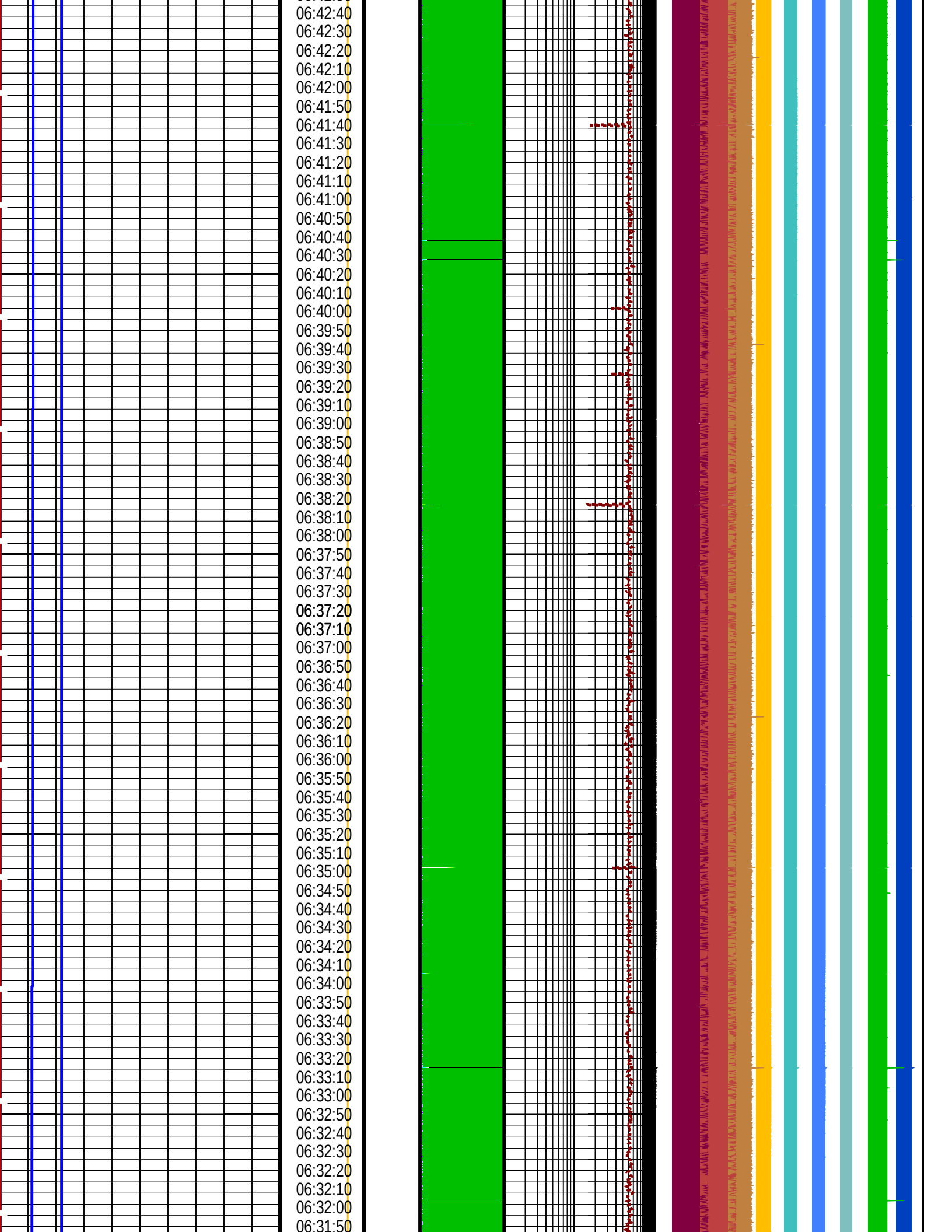

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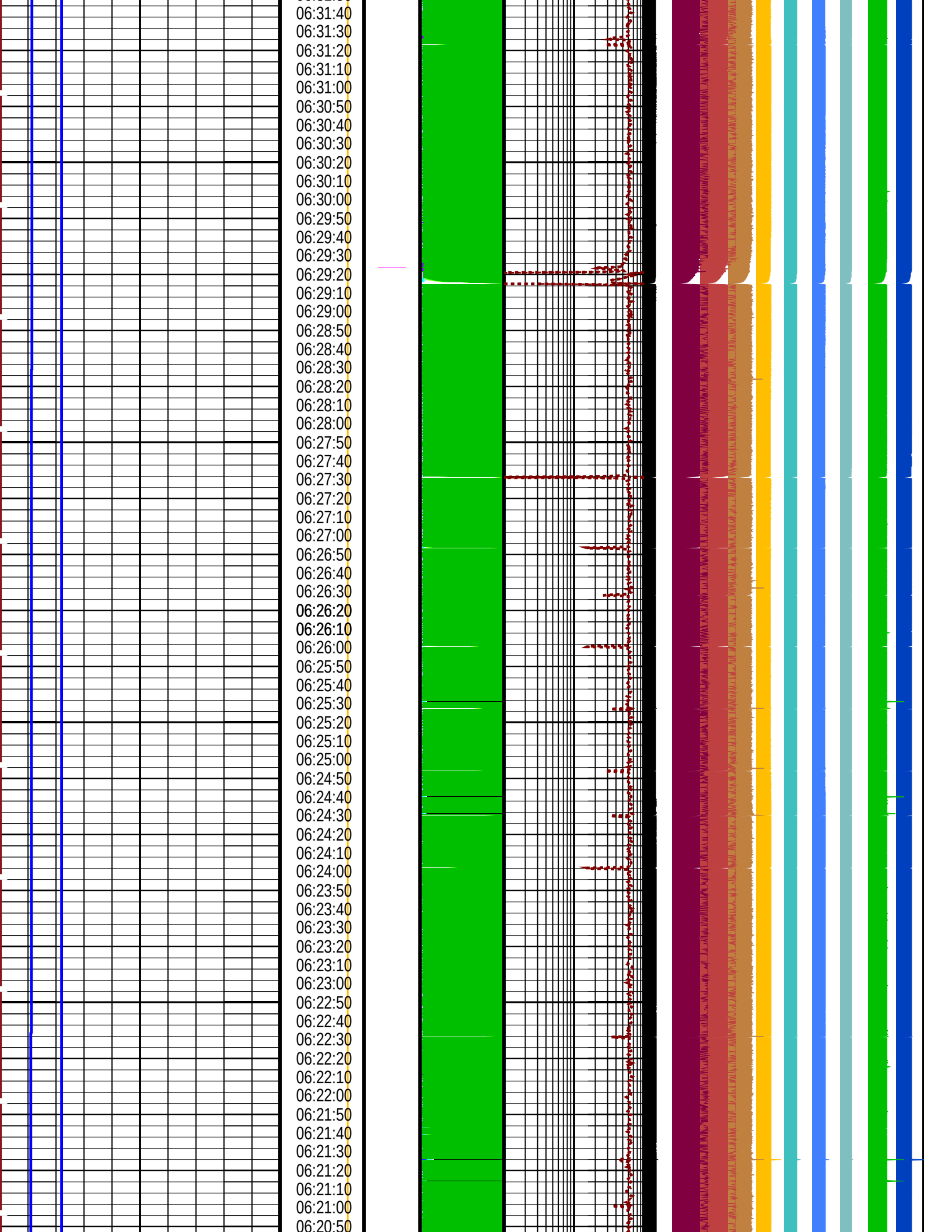

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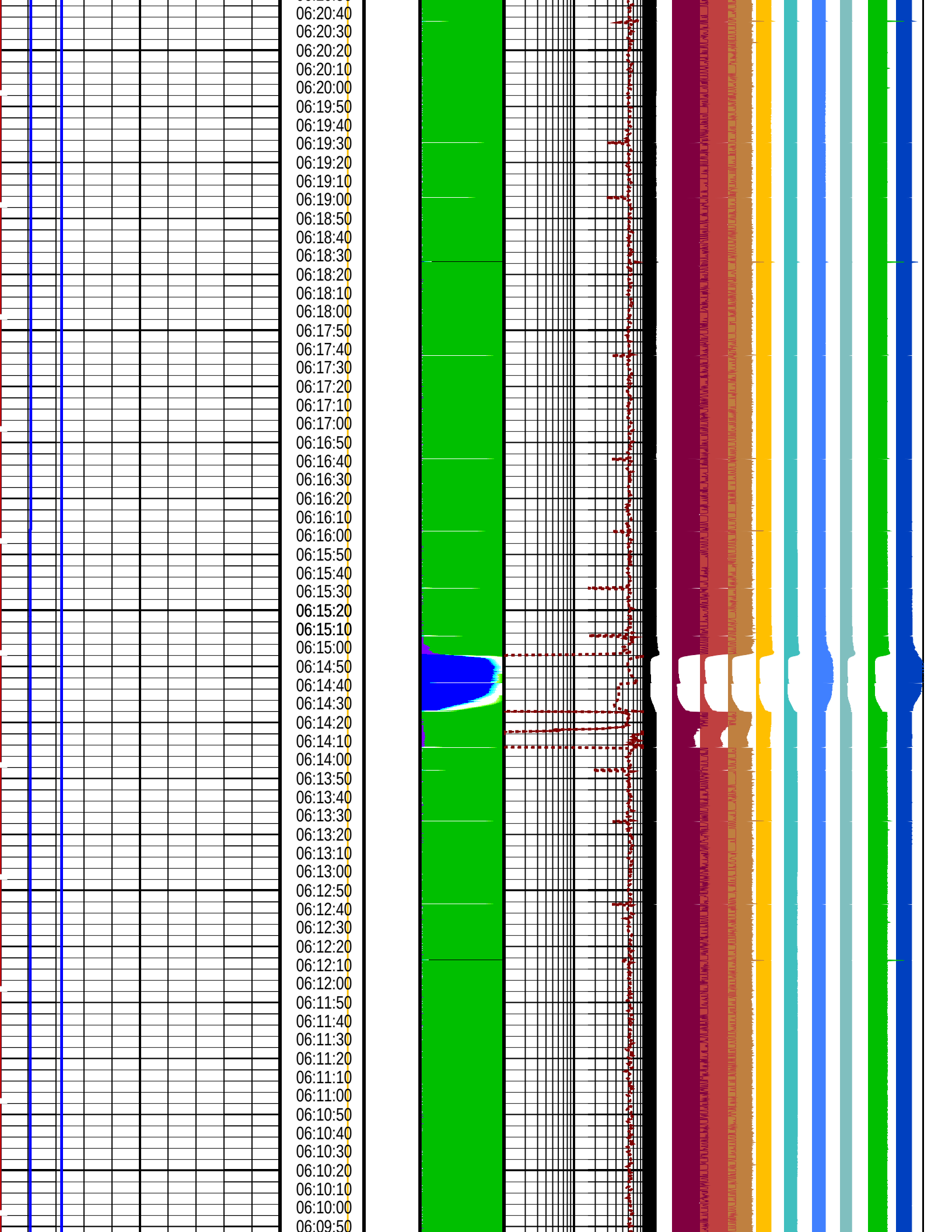

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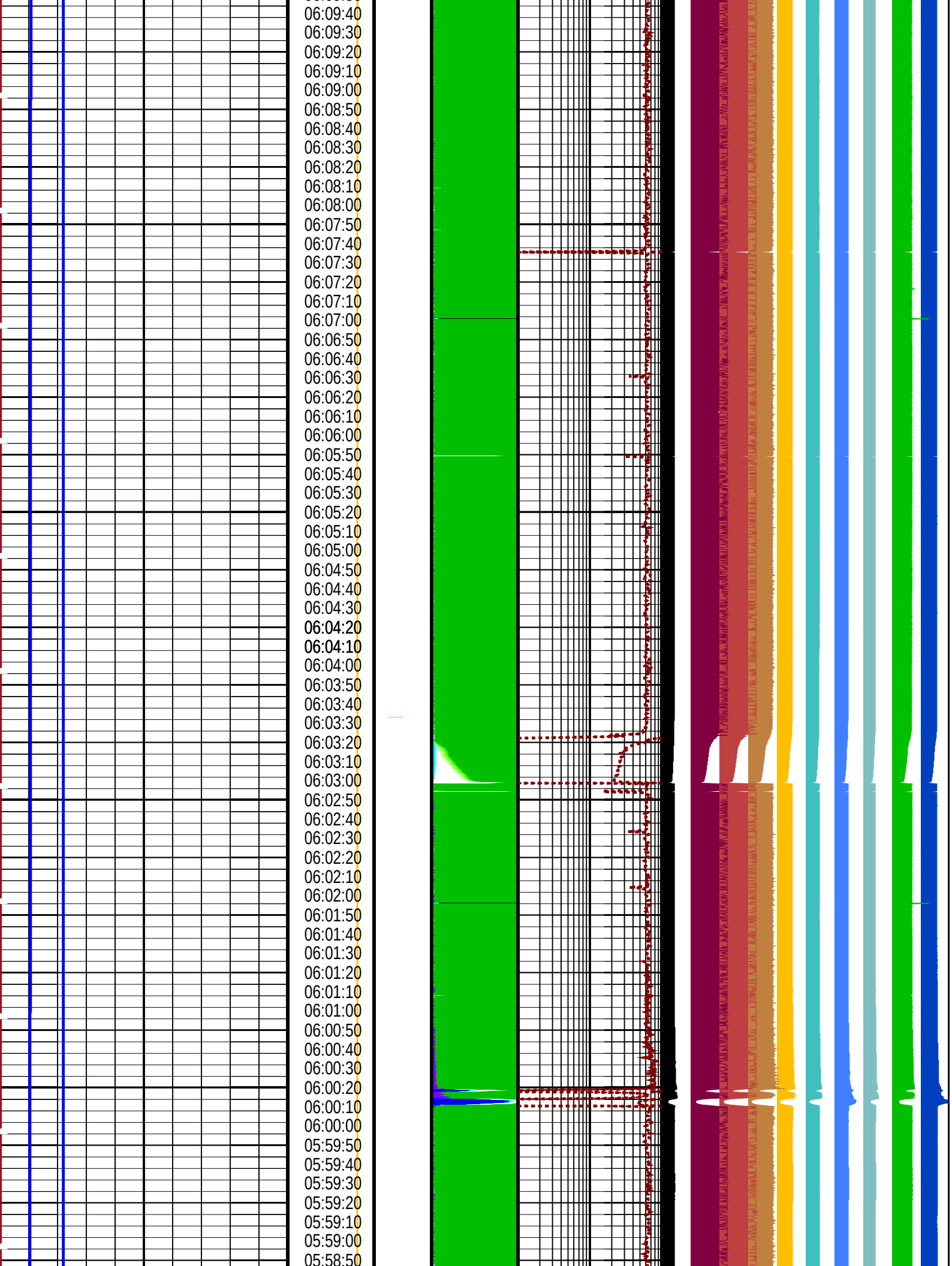

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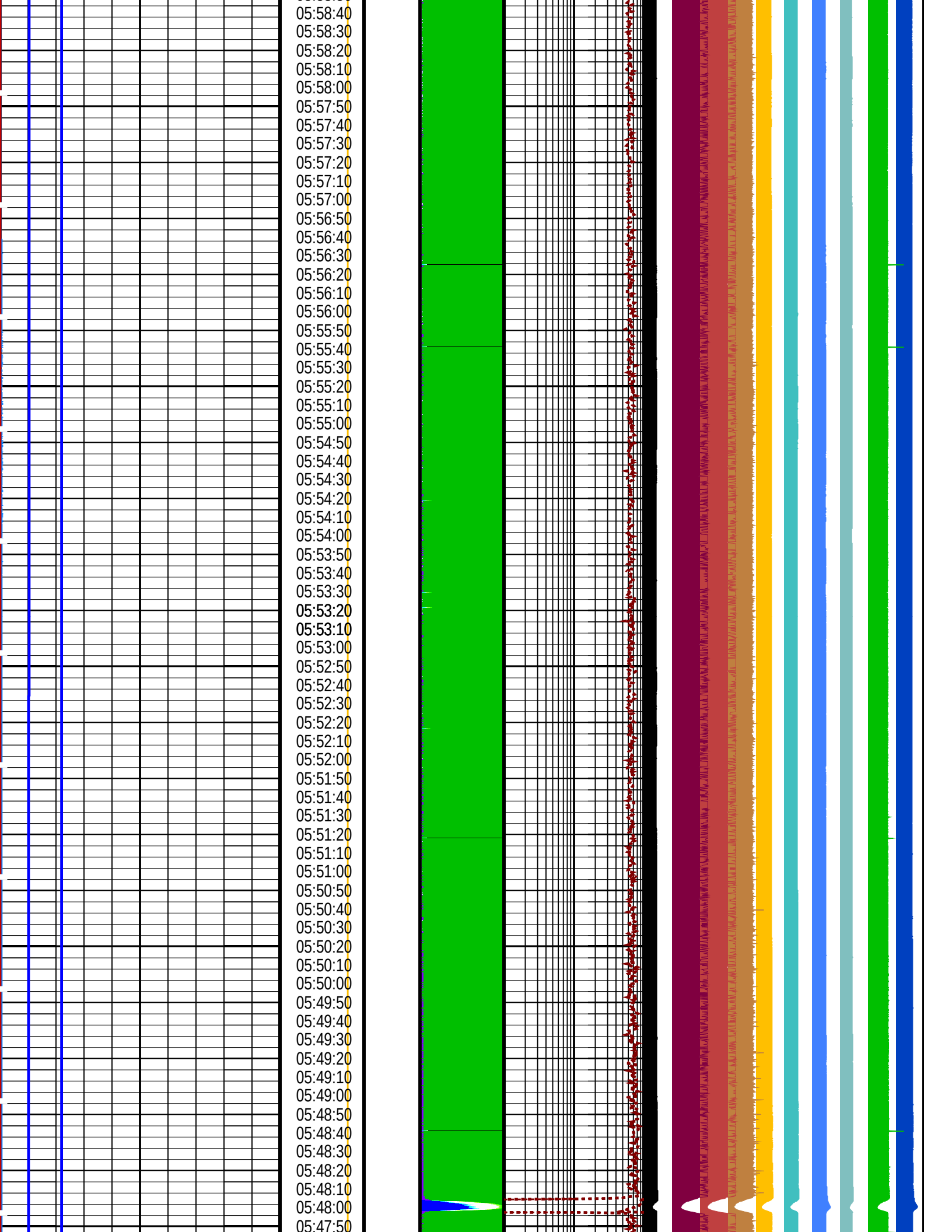

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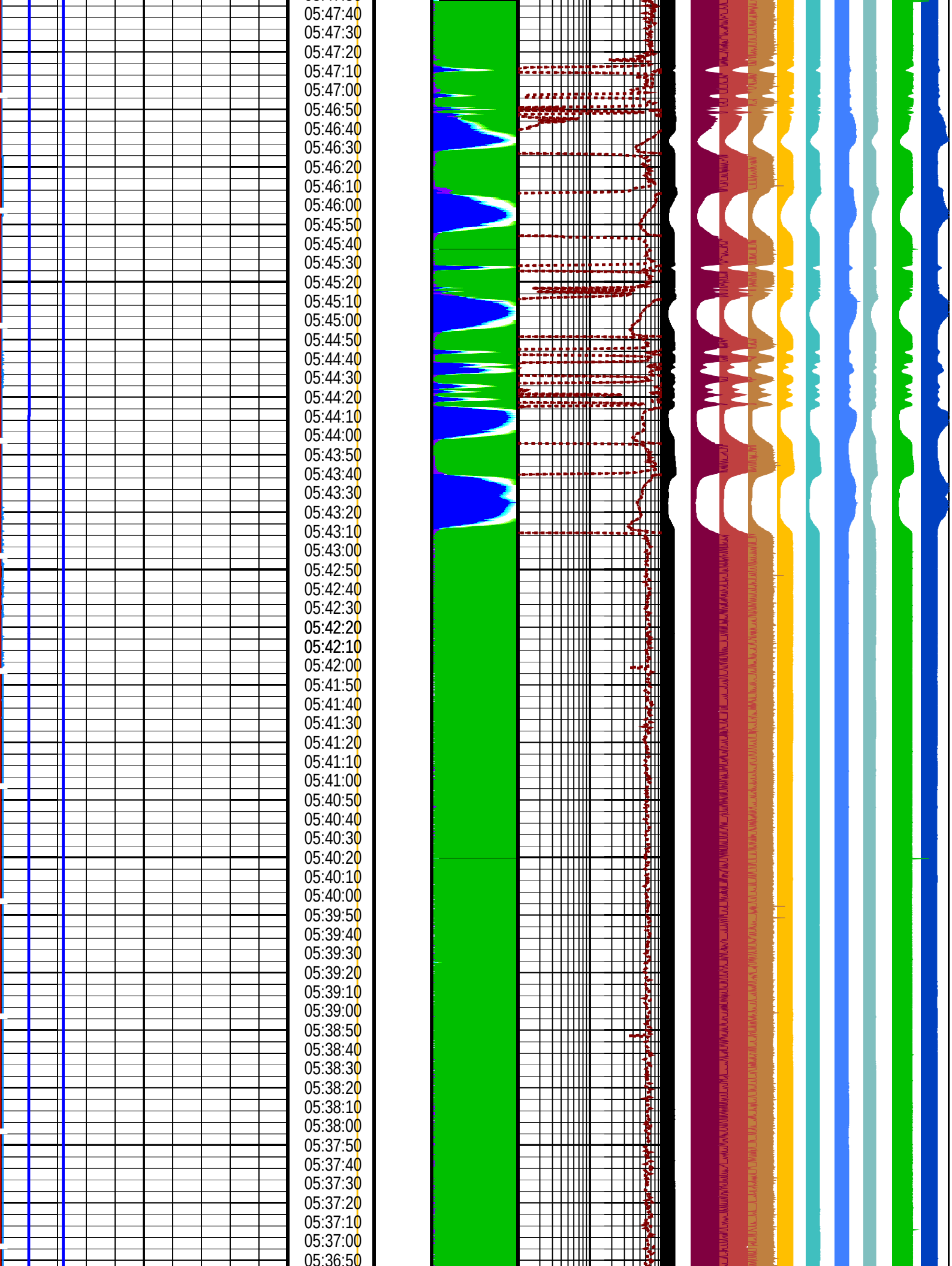

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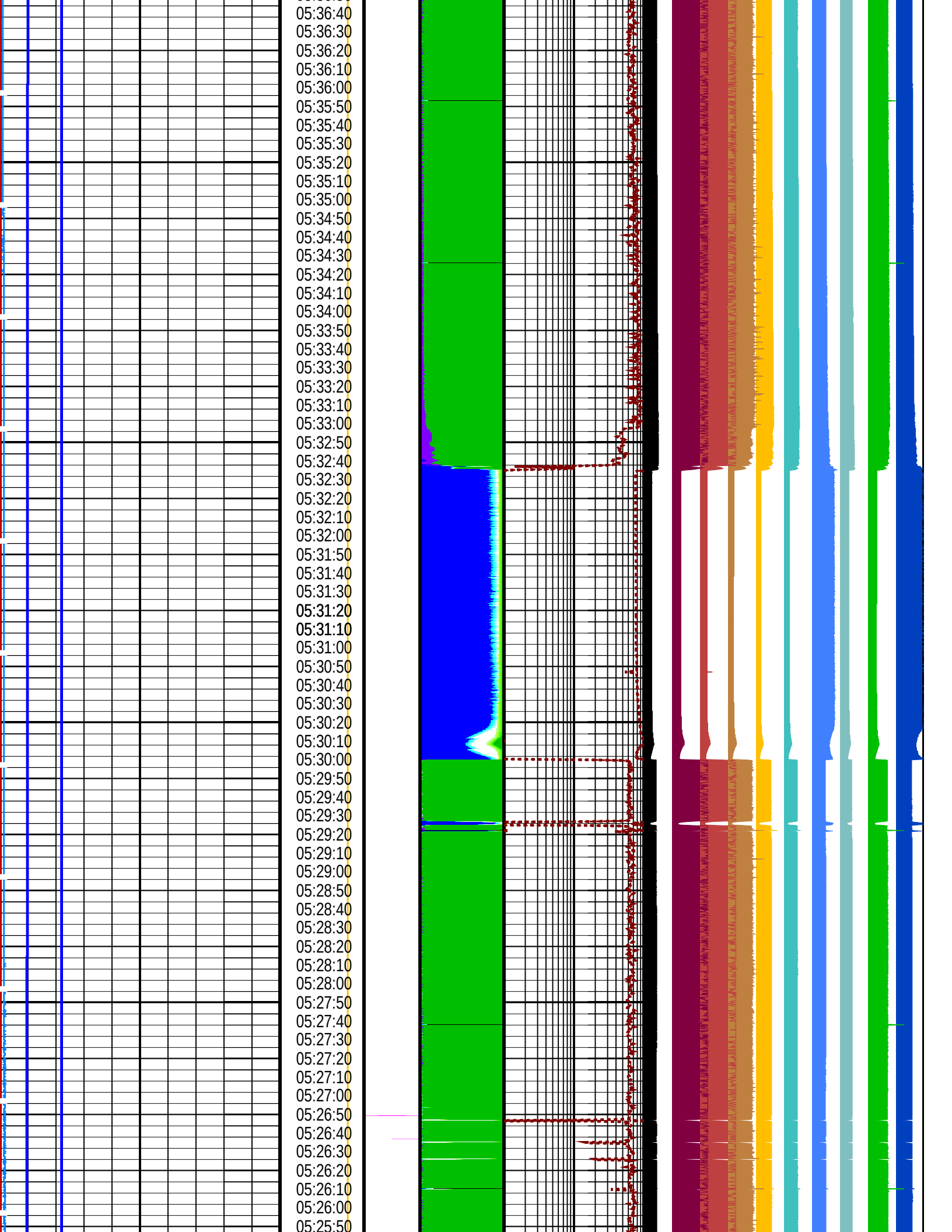

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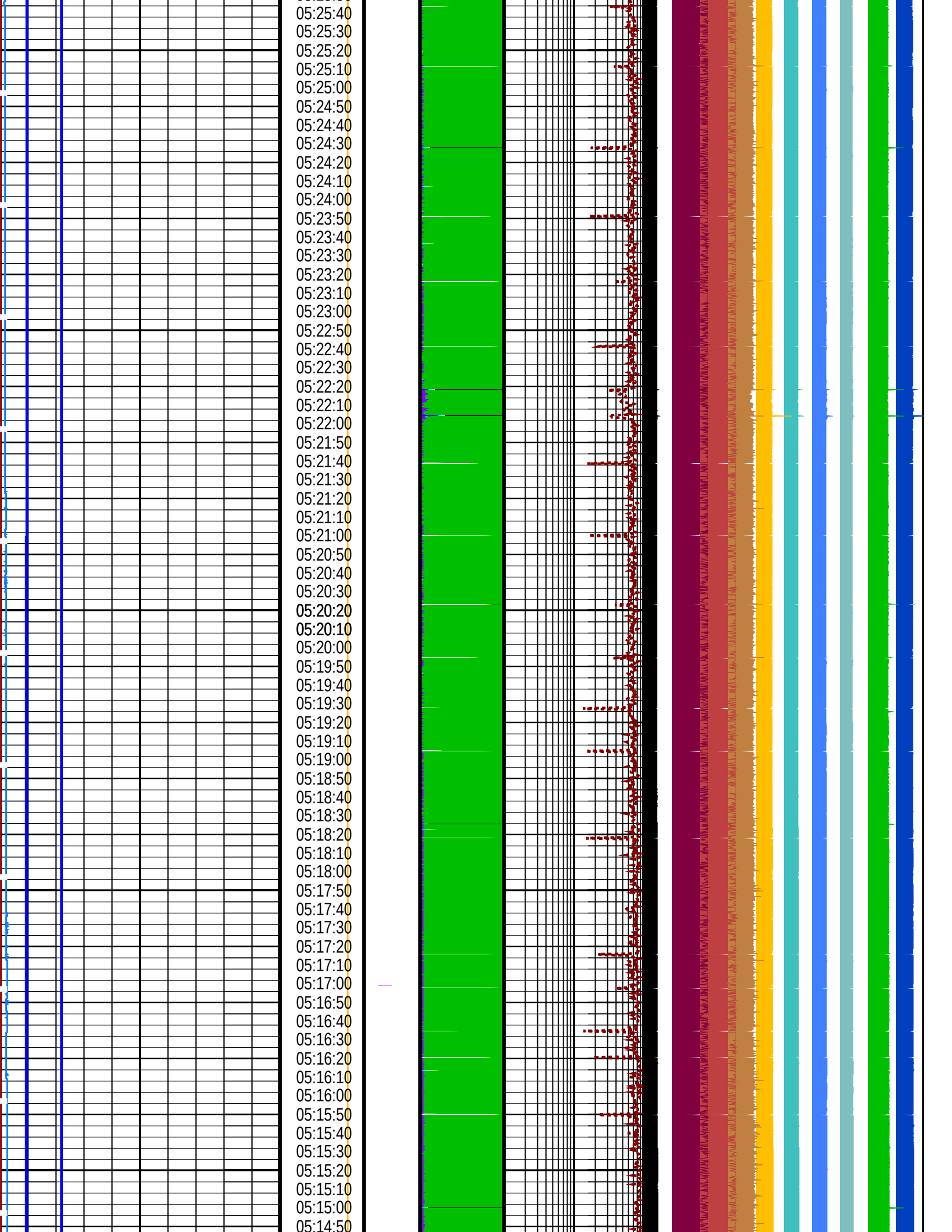

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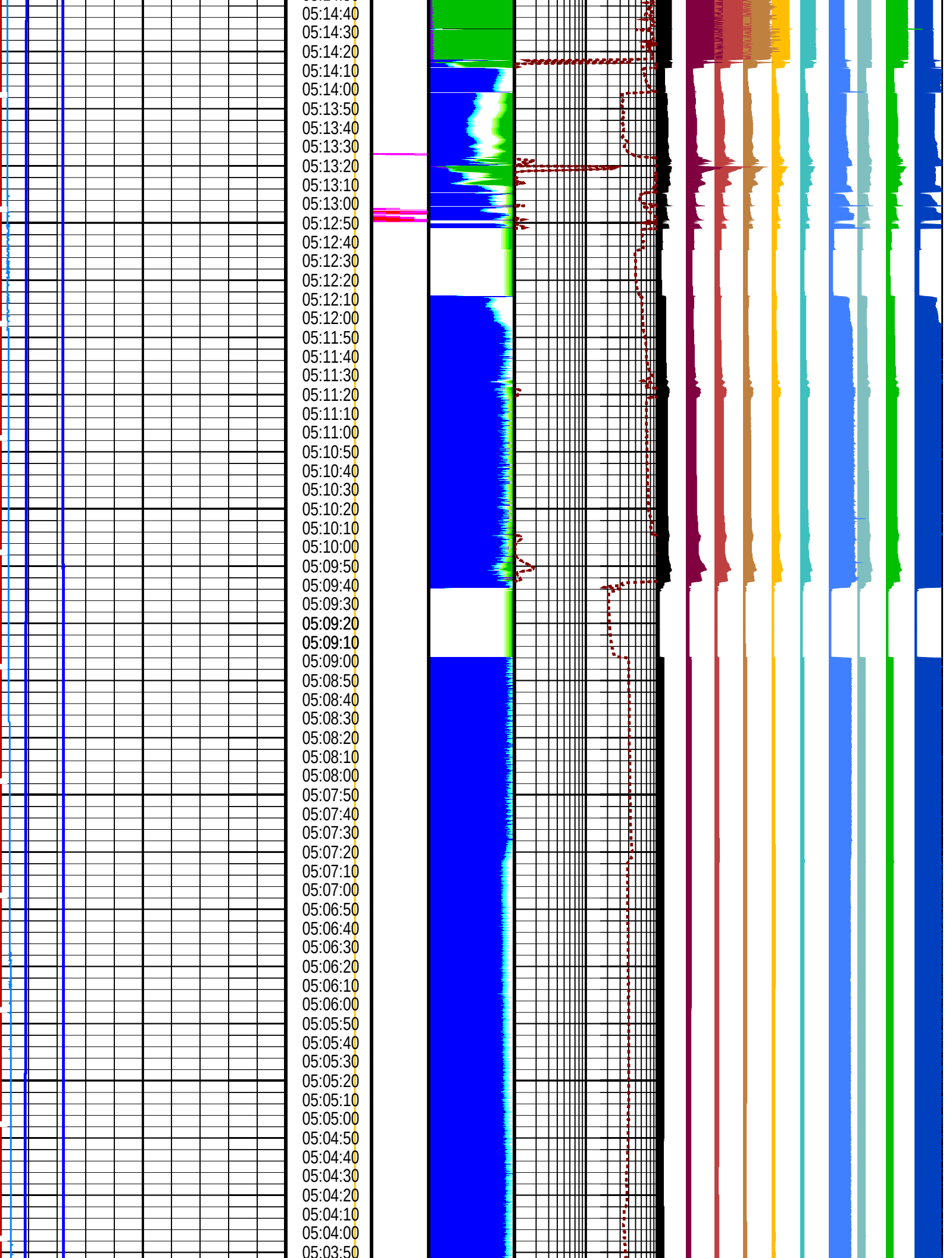

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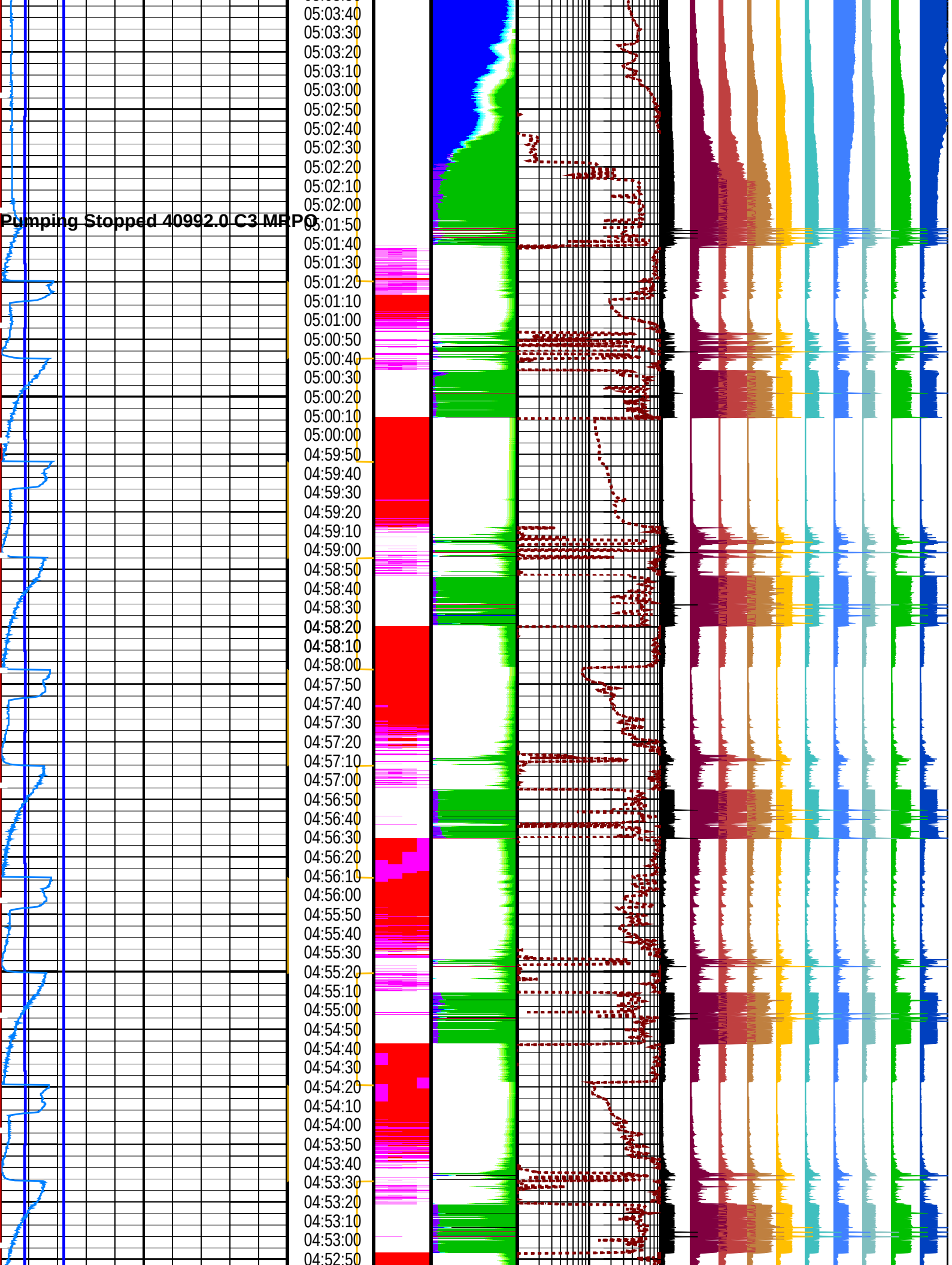

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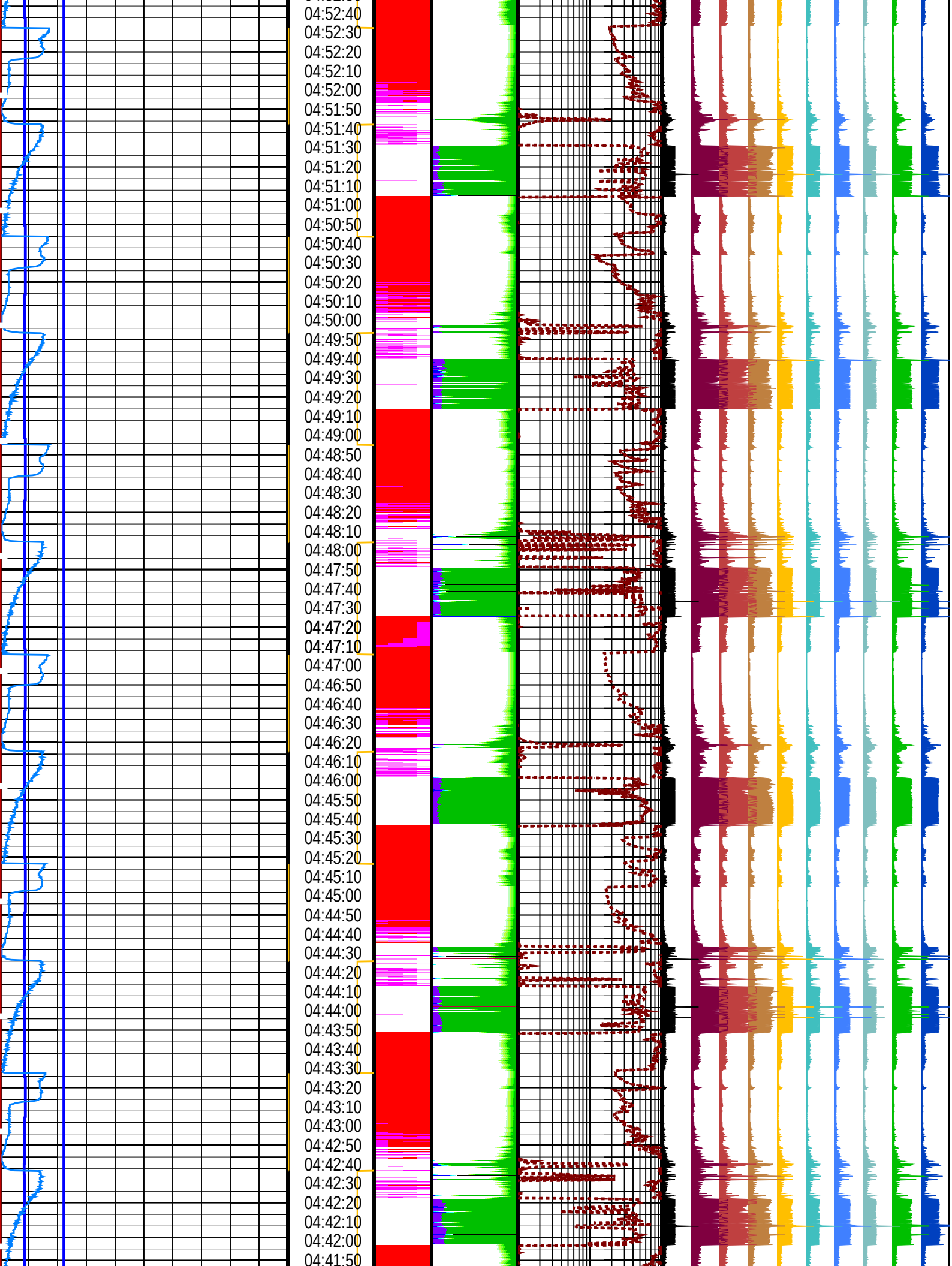

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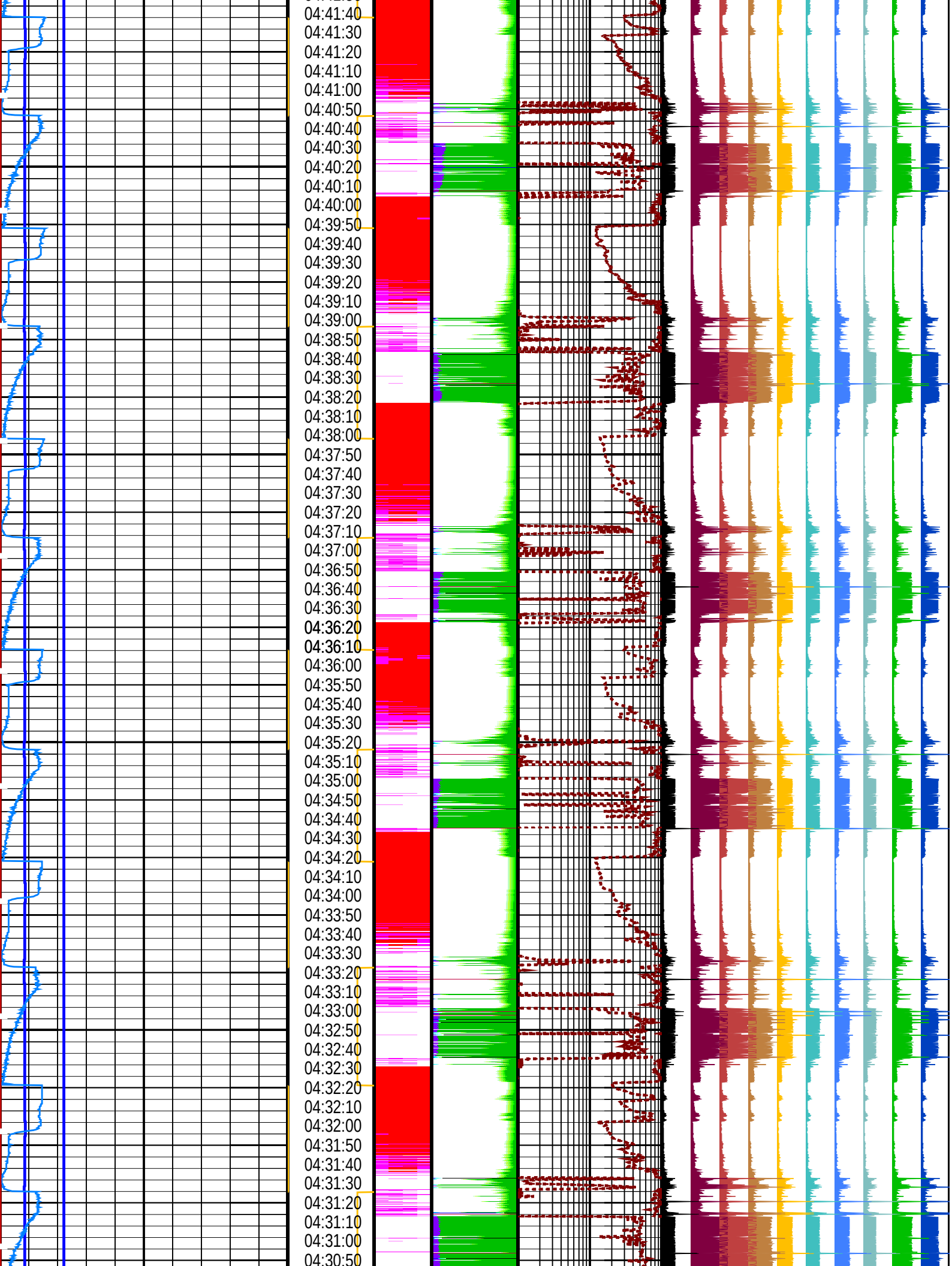

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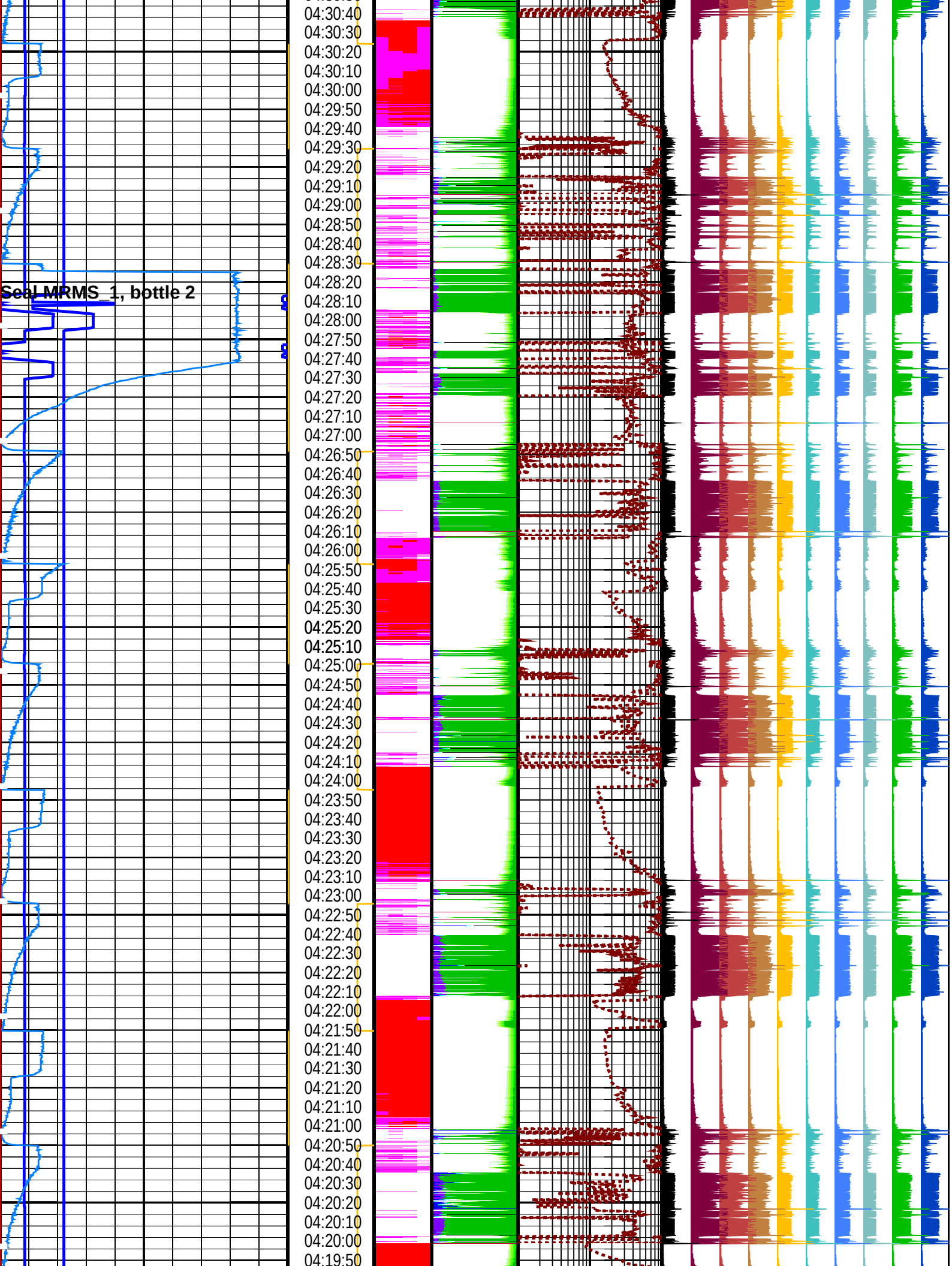

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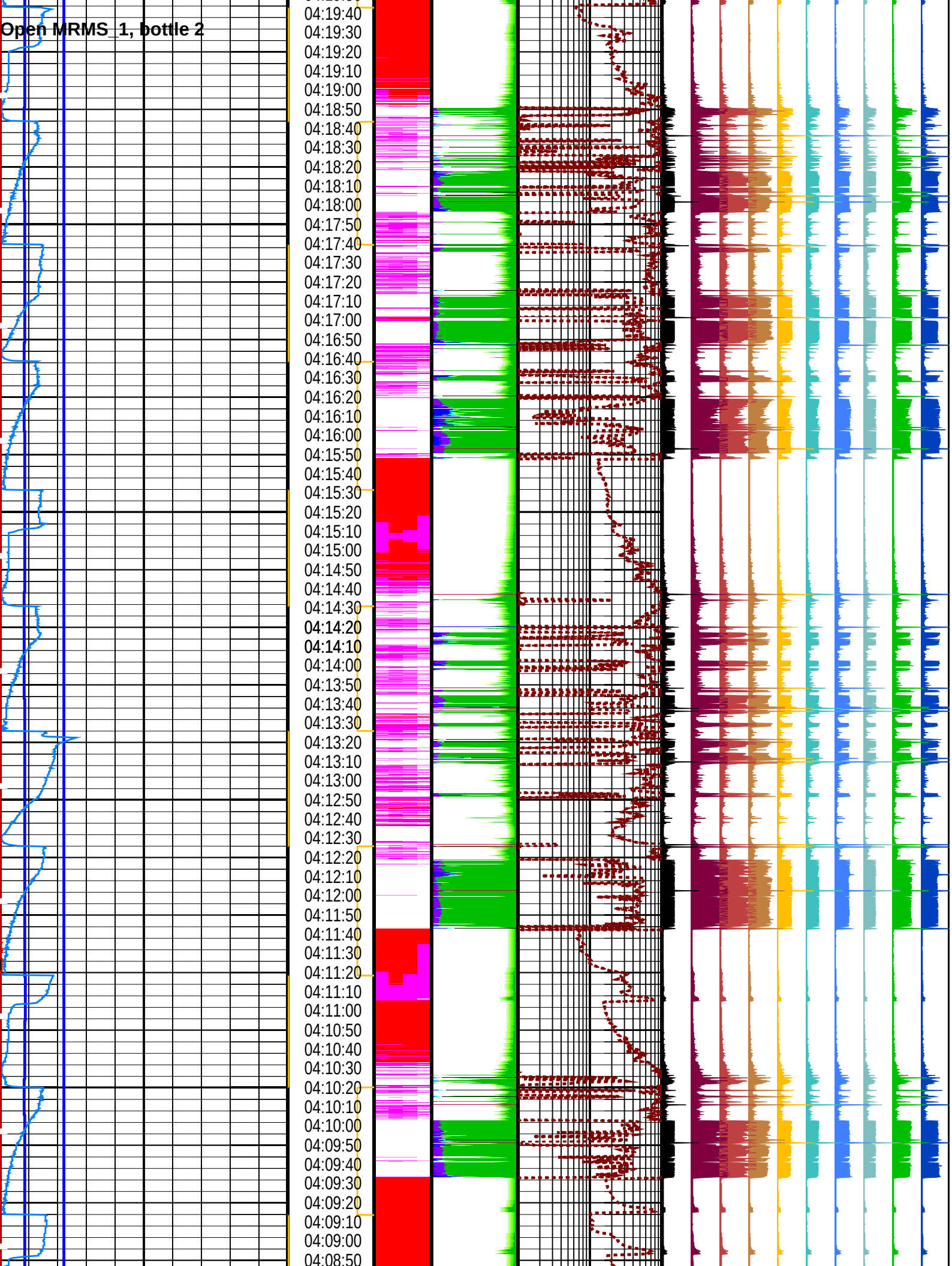

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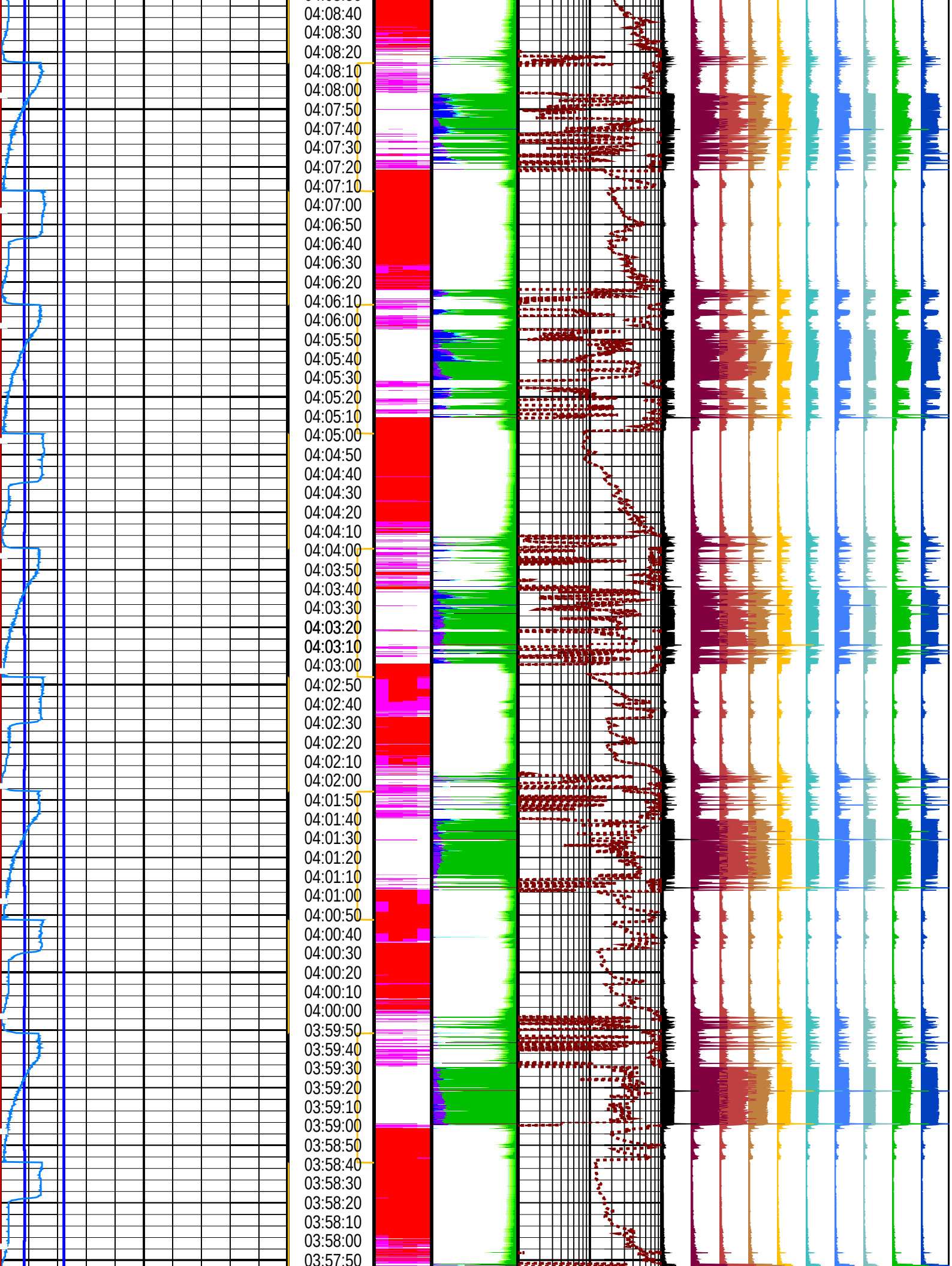

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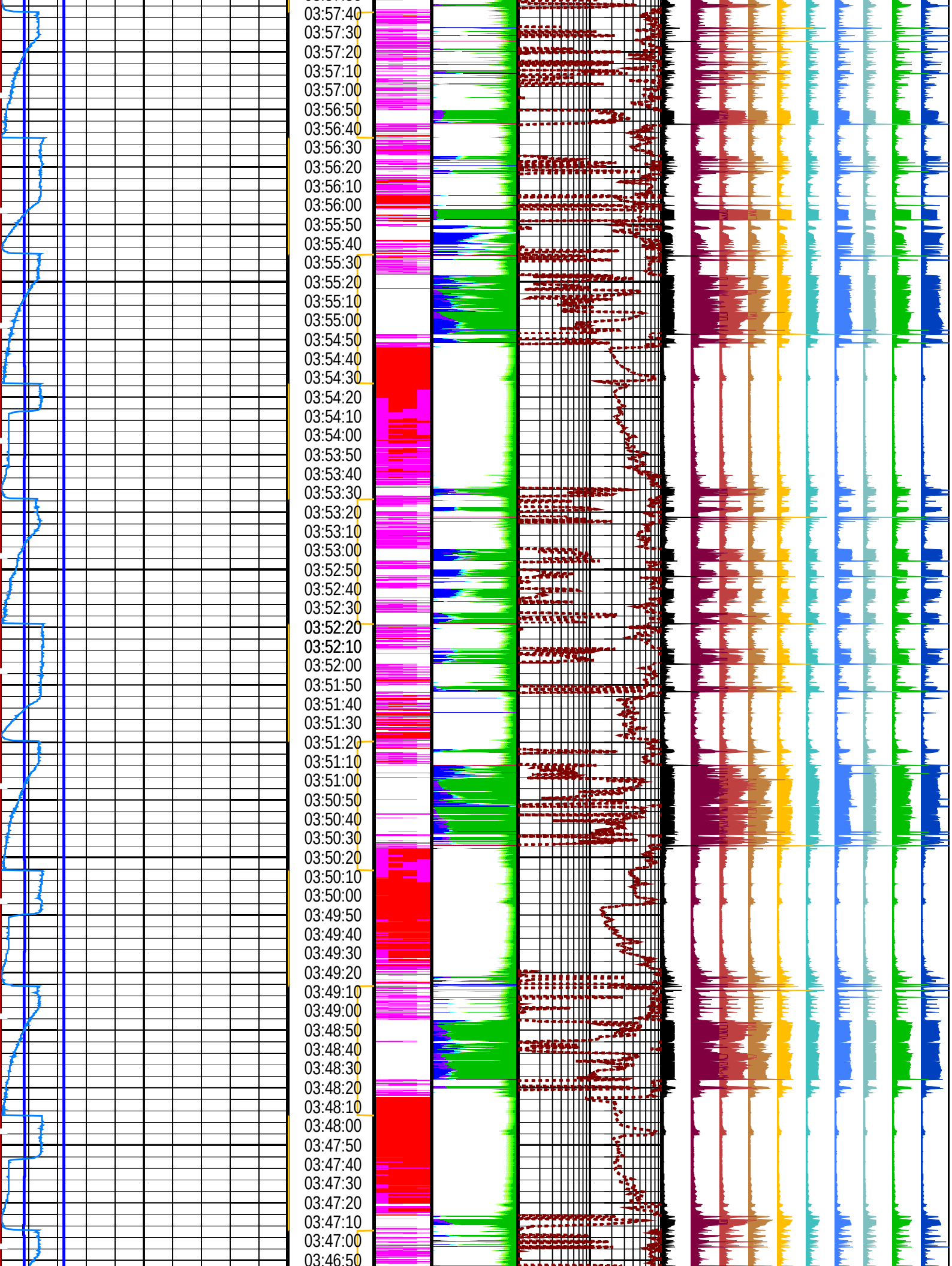

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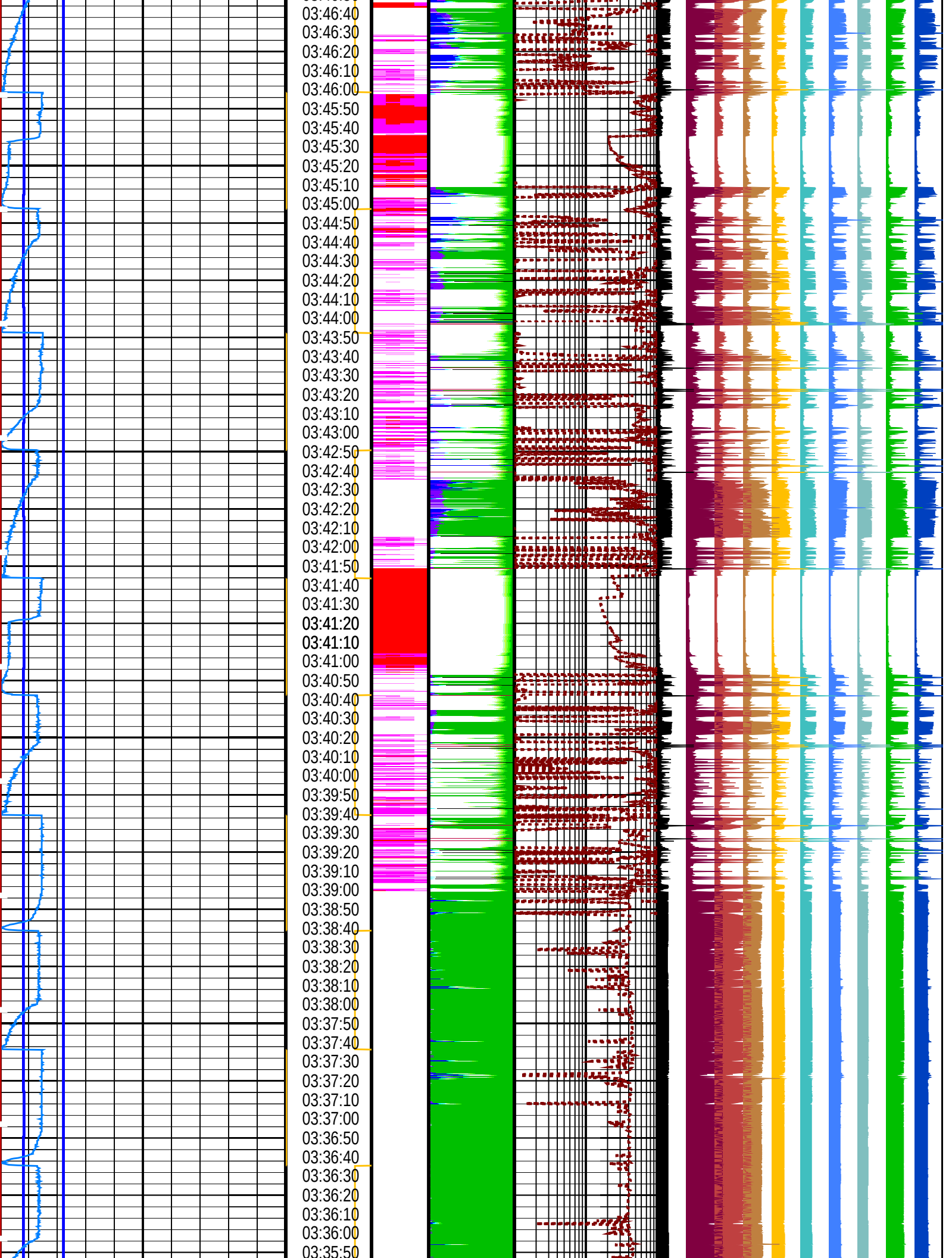

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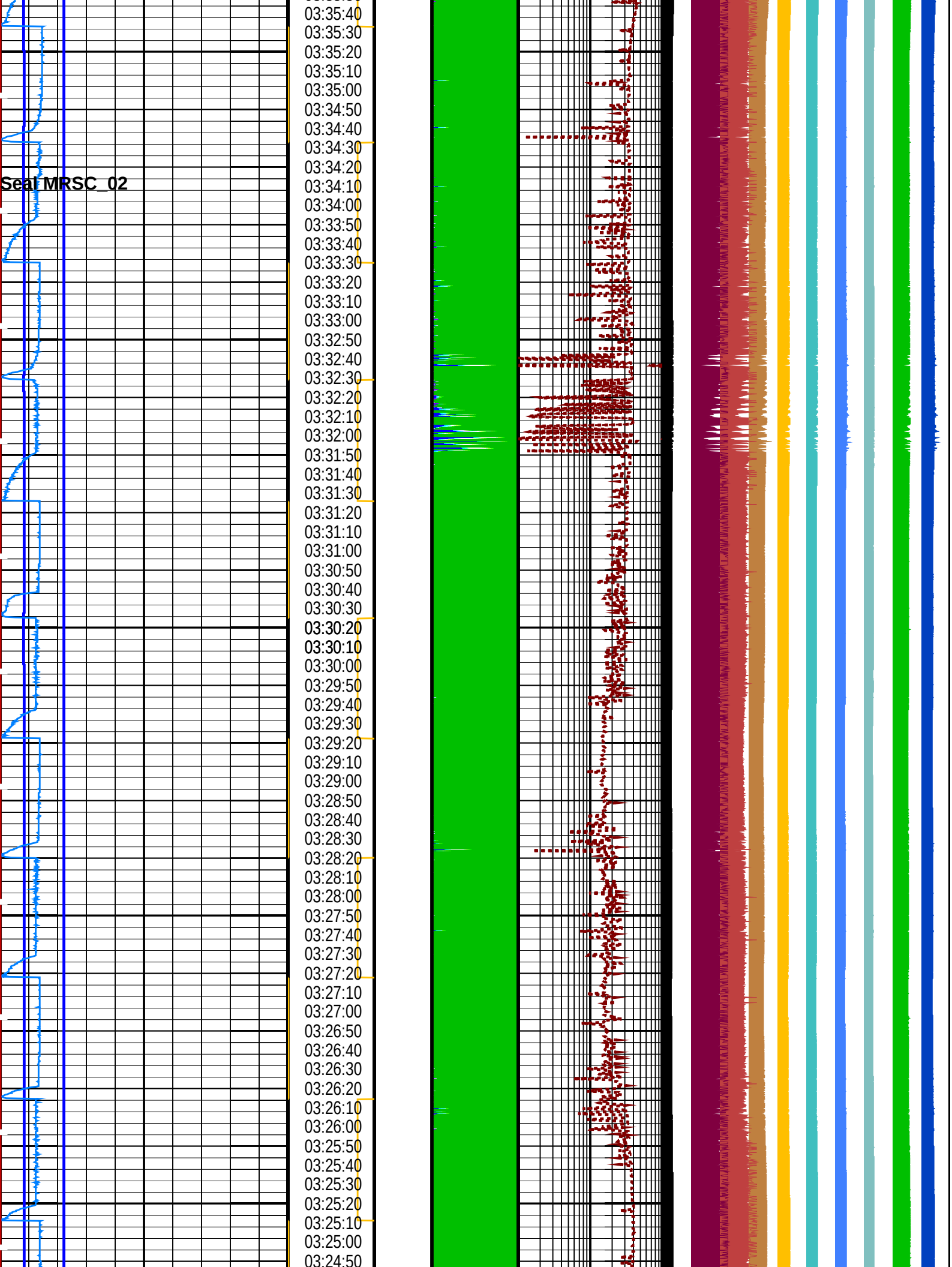

Seal MRMS_1, bottle 2
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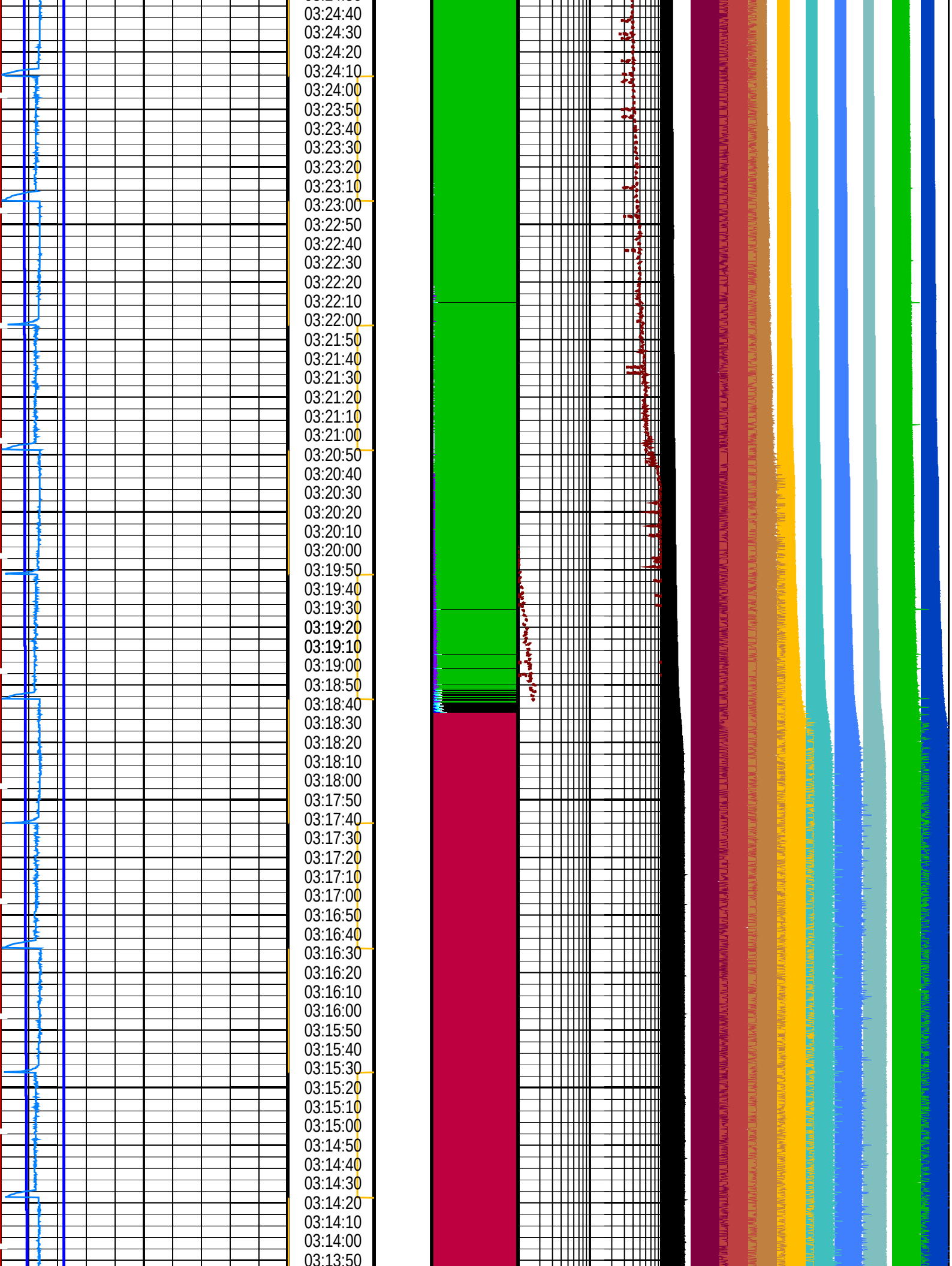

Open MRMS_1, bottle 2
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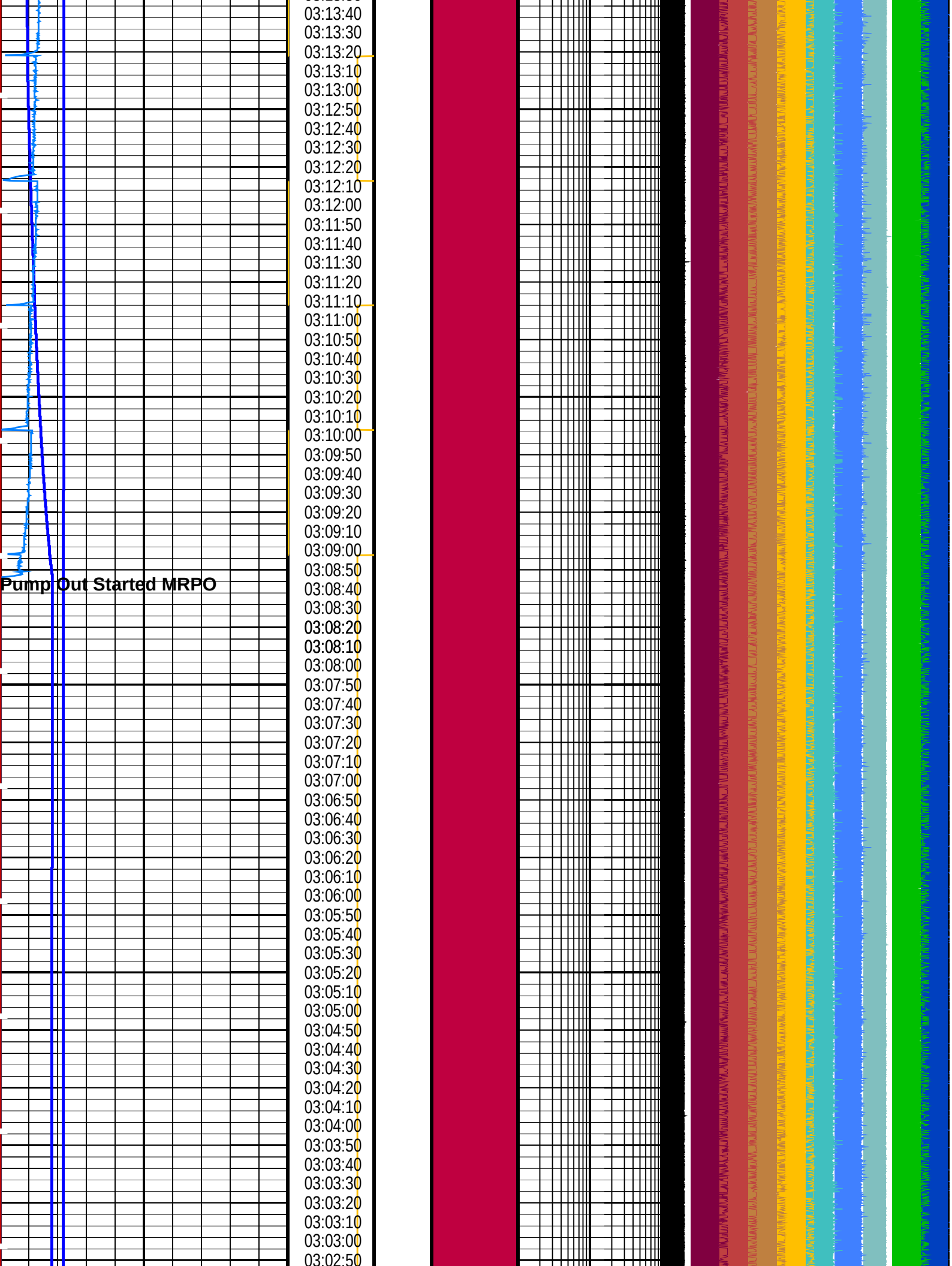

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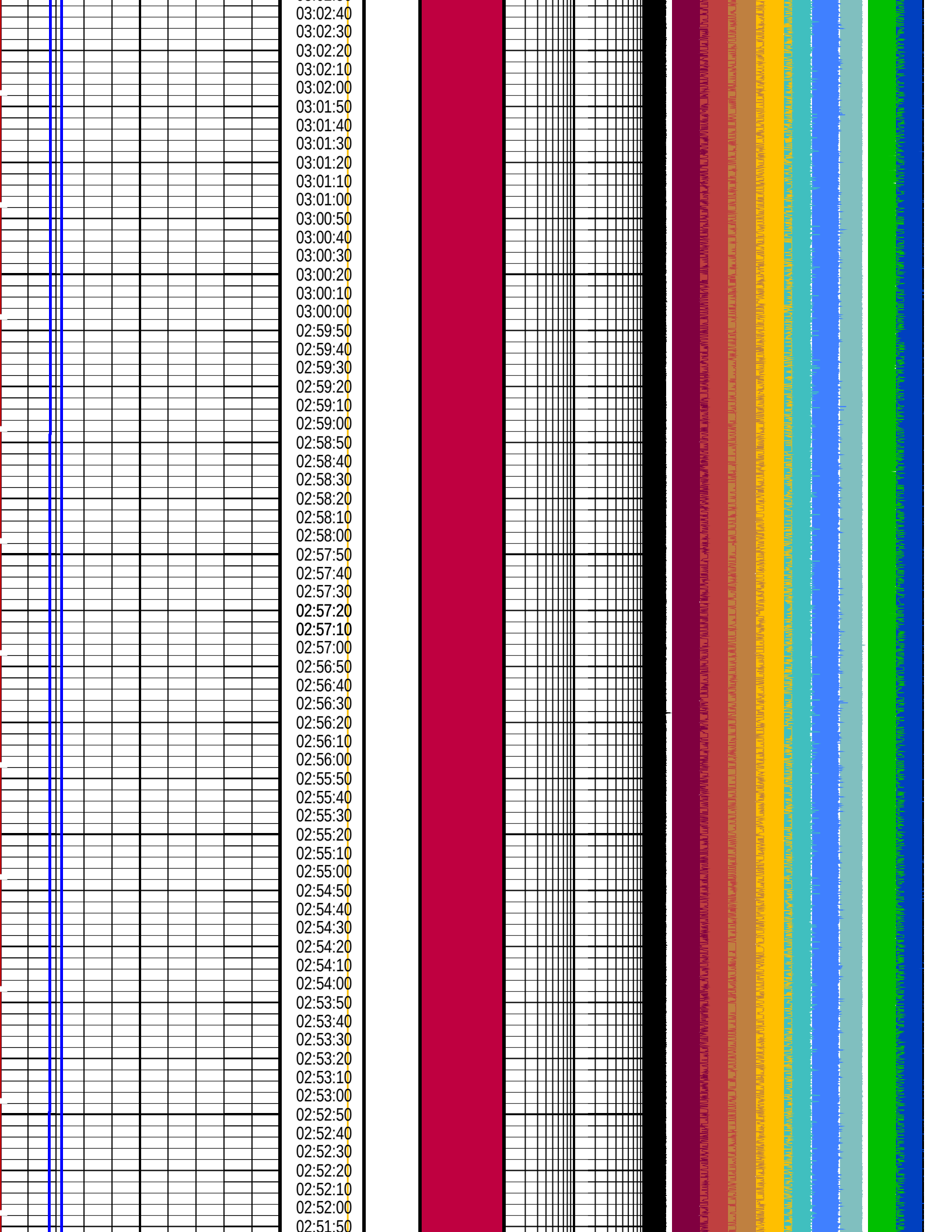

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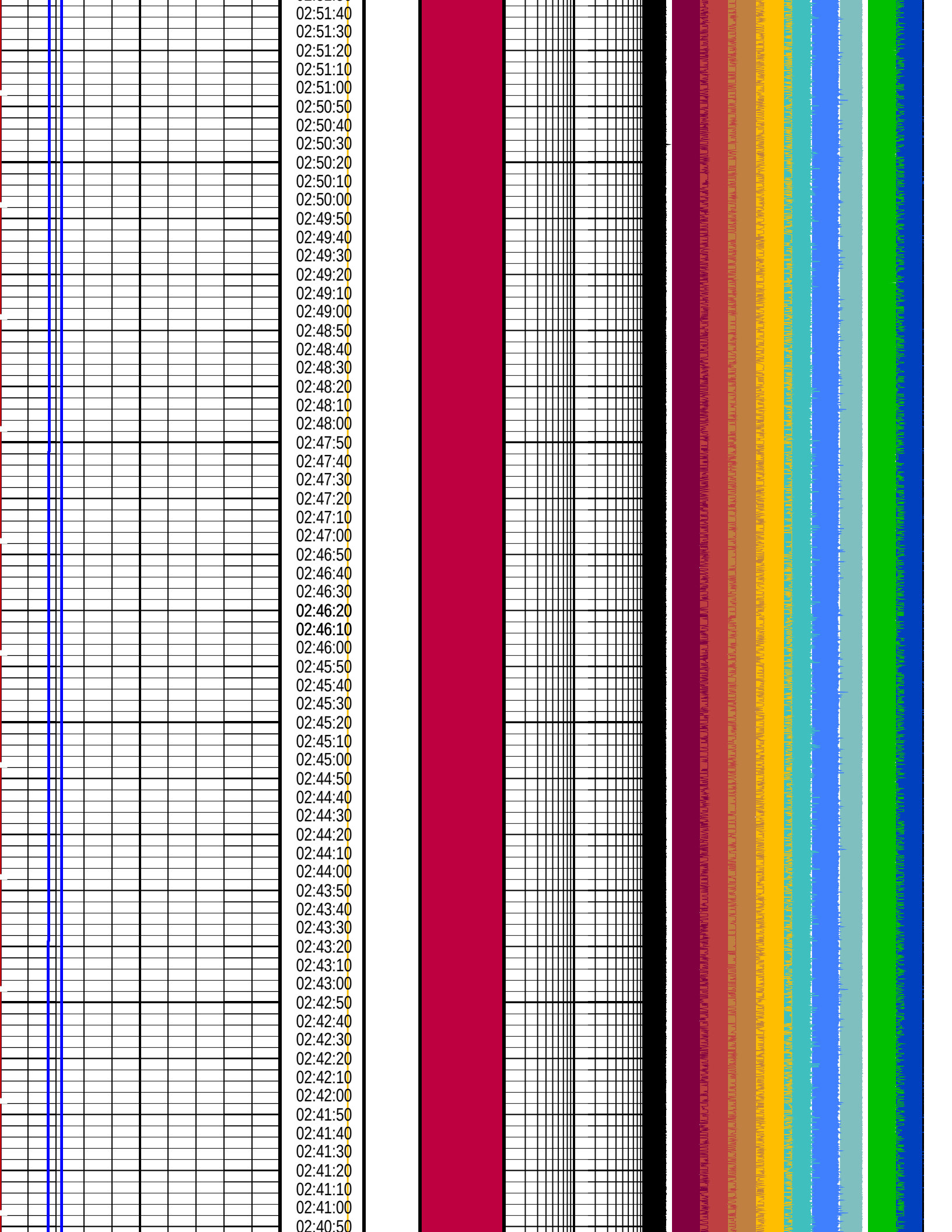

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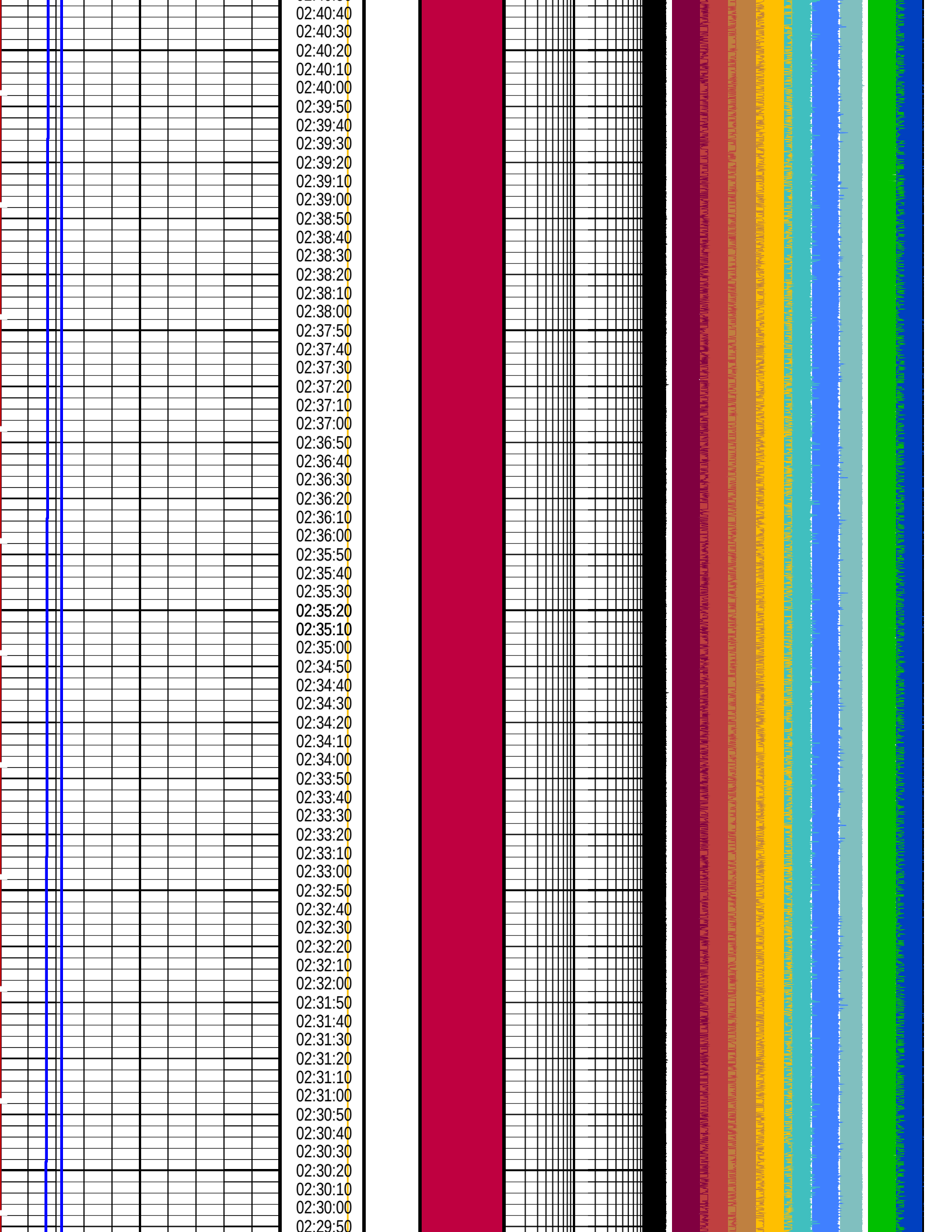

Seal MRSC_02
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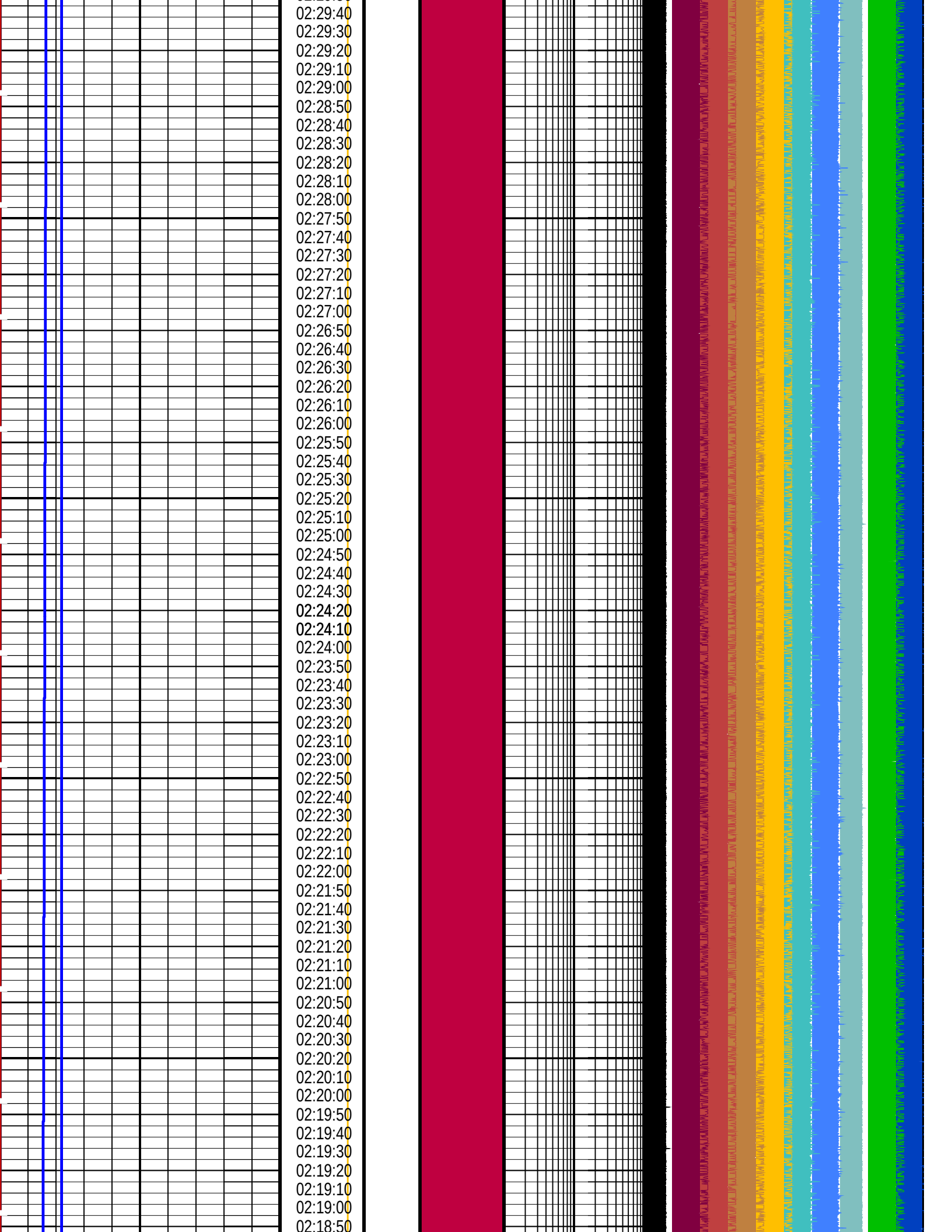

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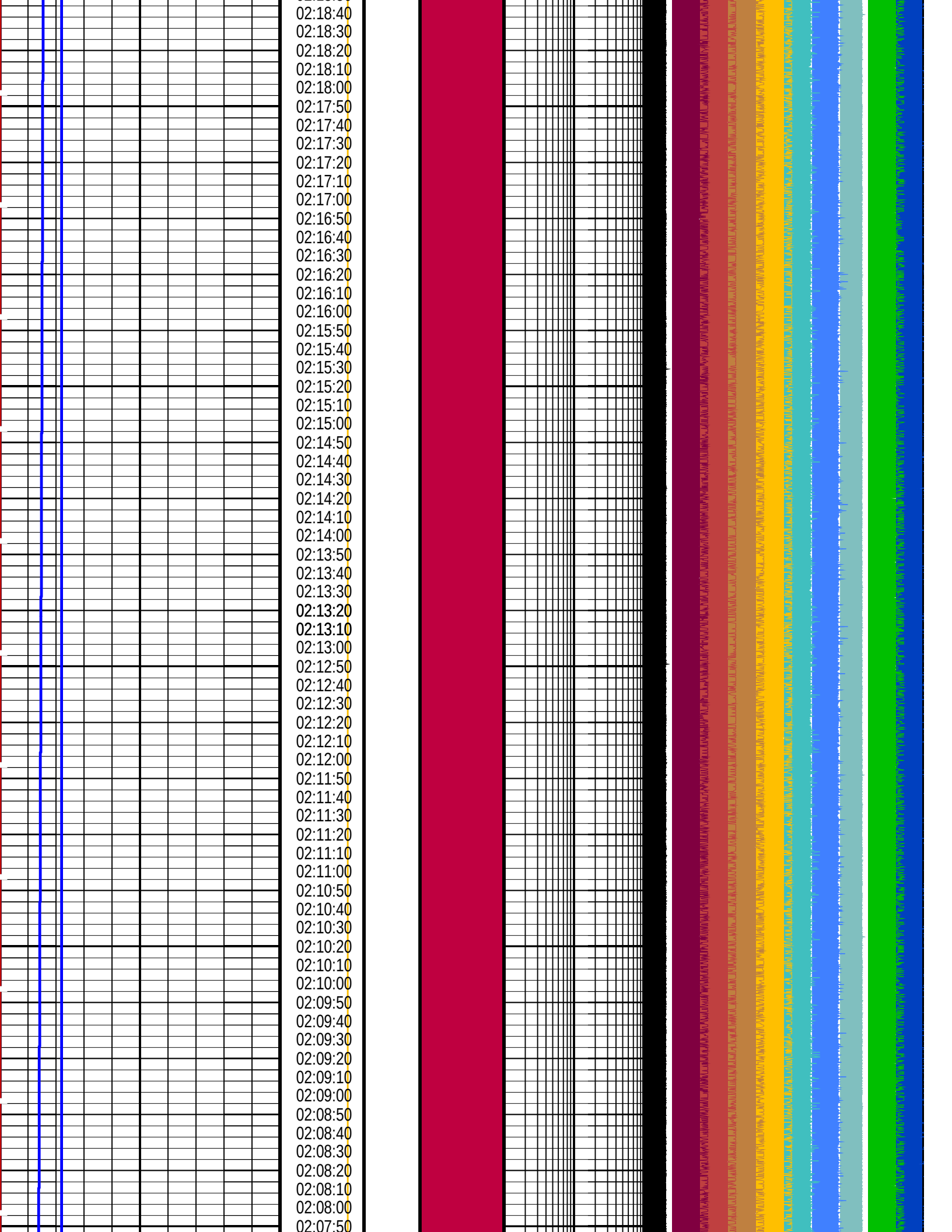

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Pump Out Started MRPO

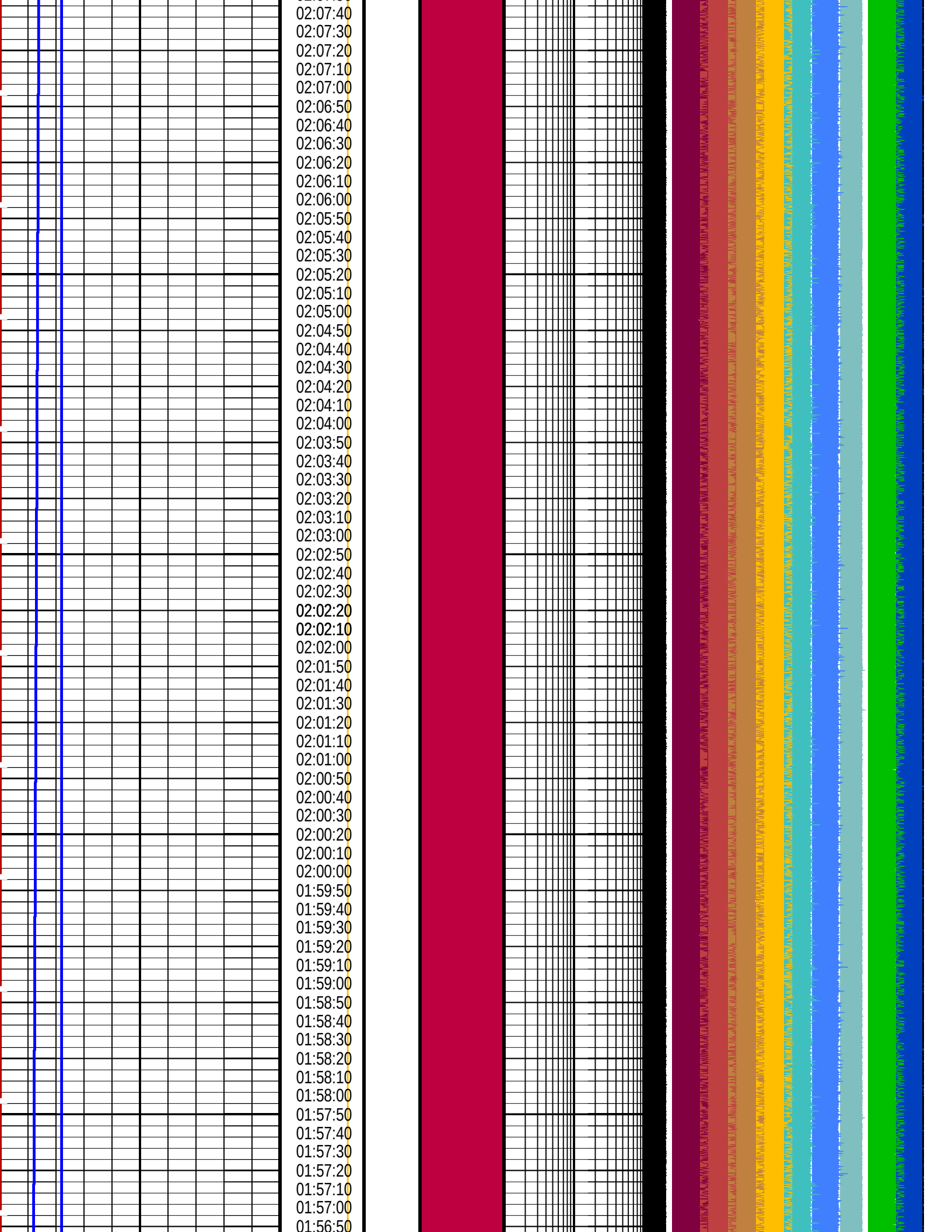

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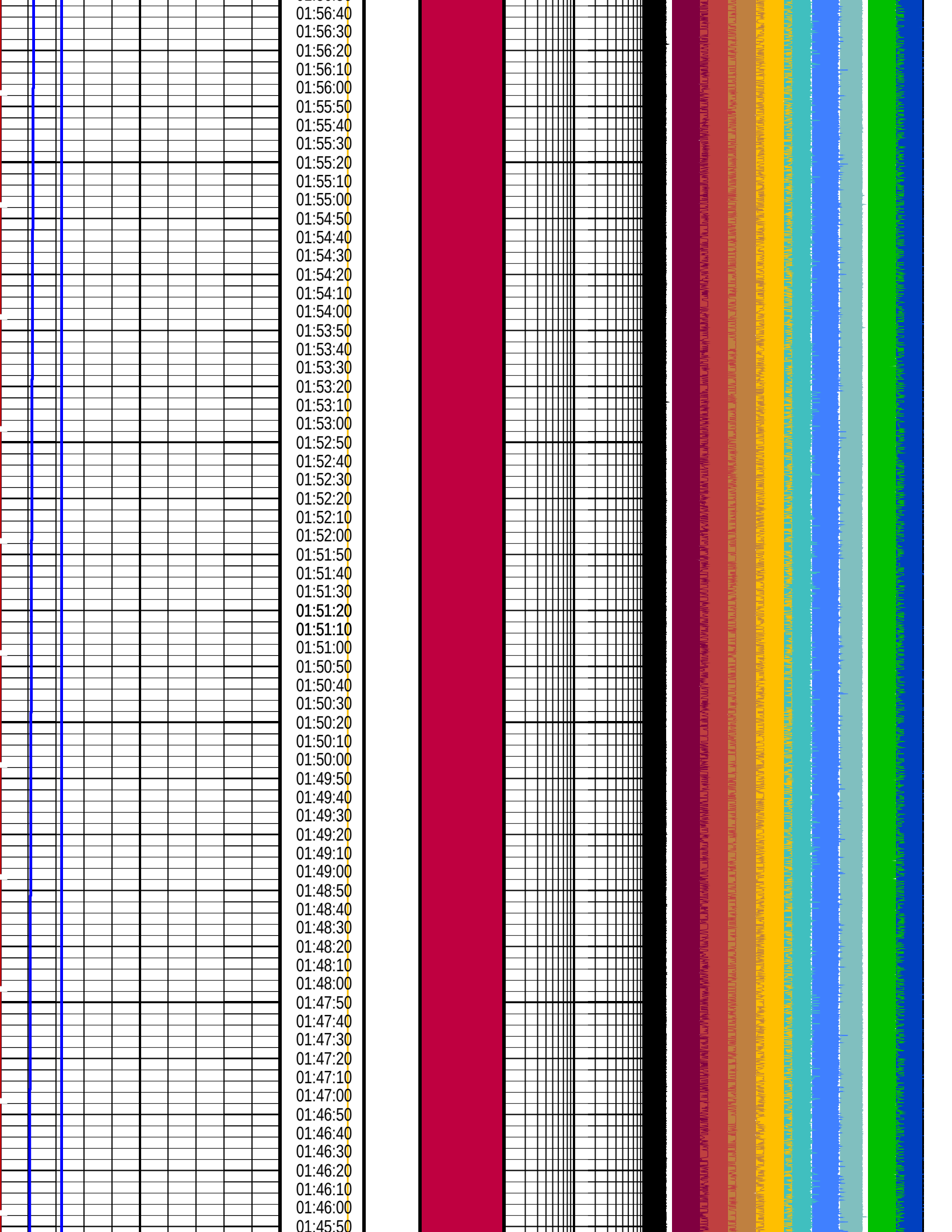

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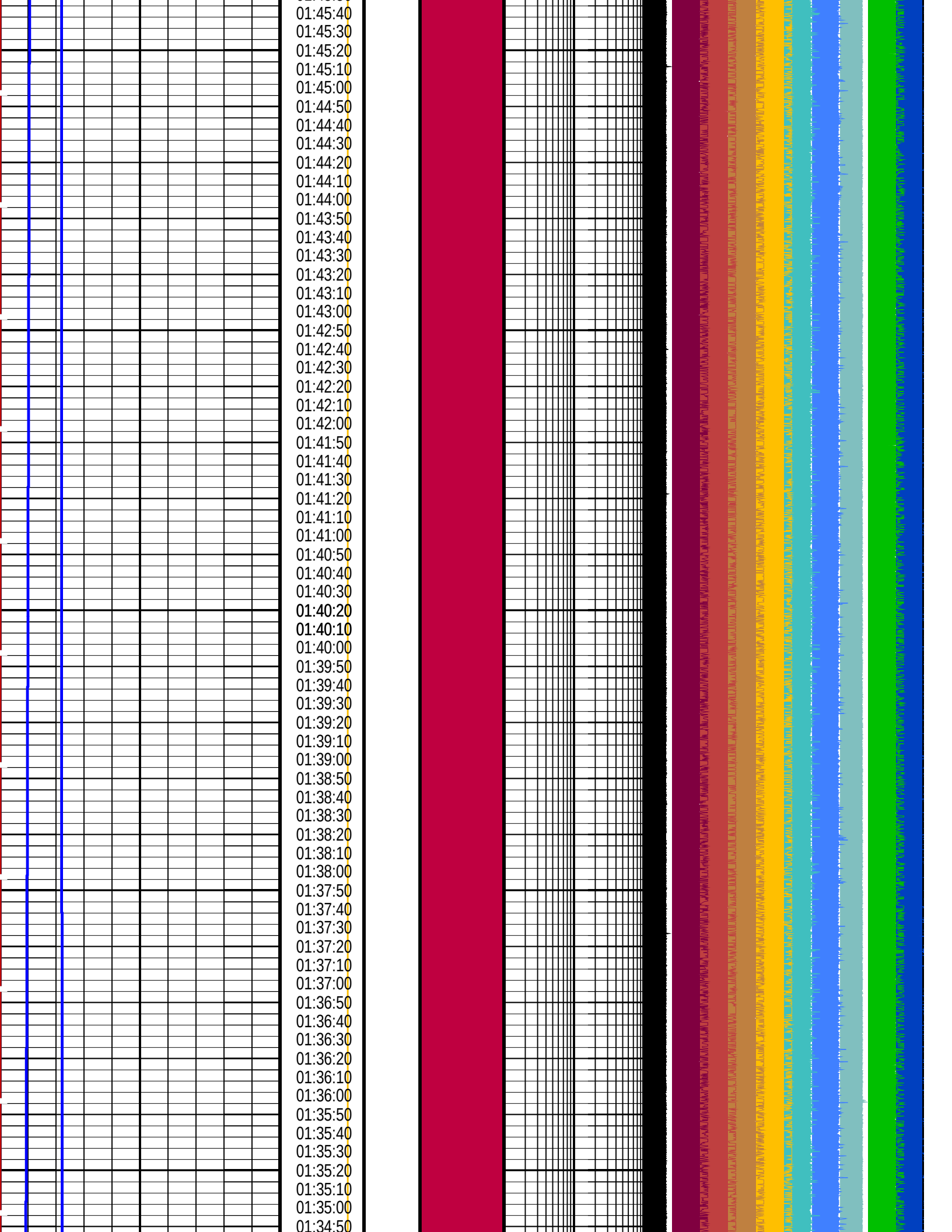

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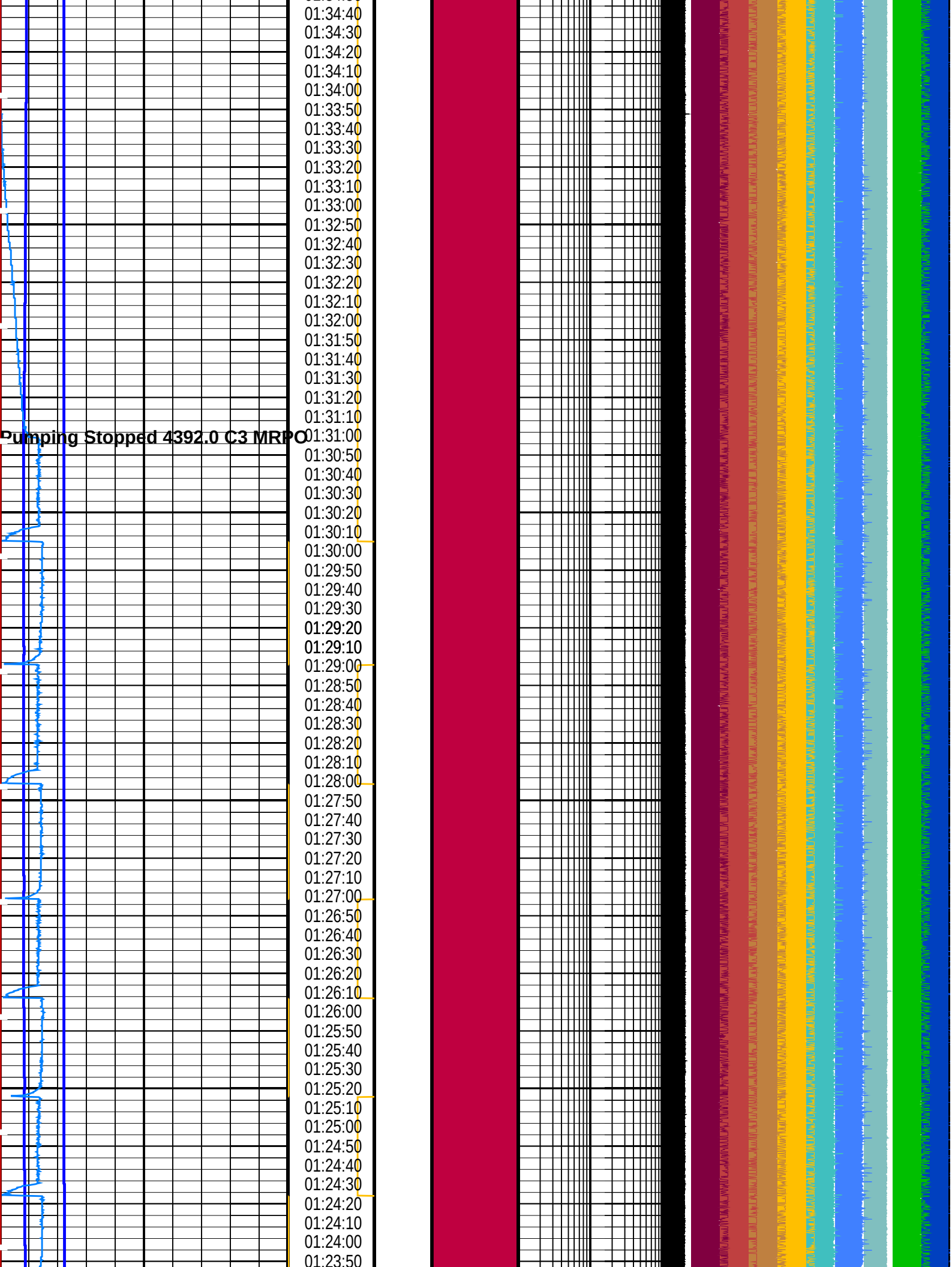

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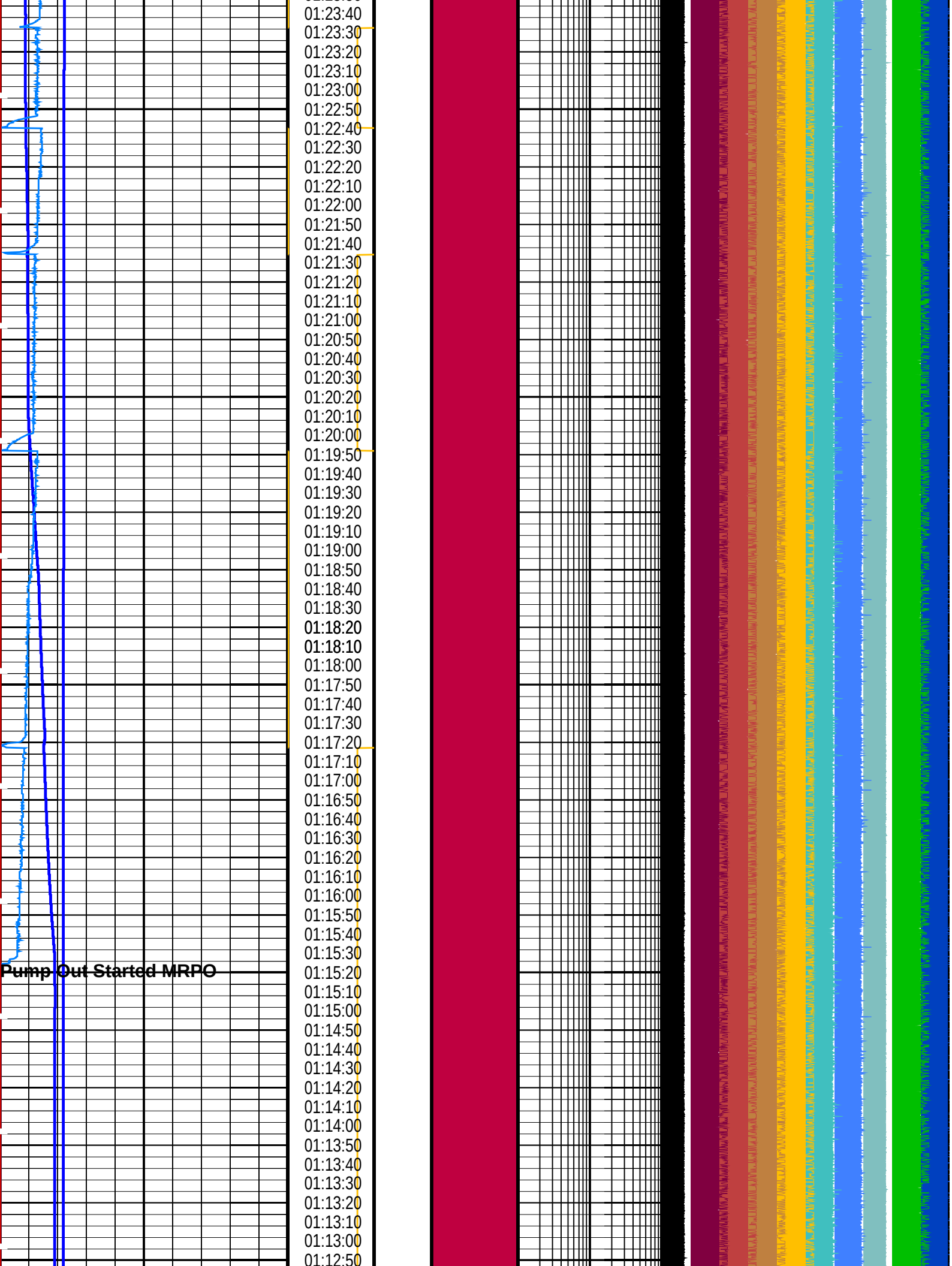

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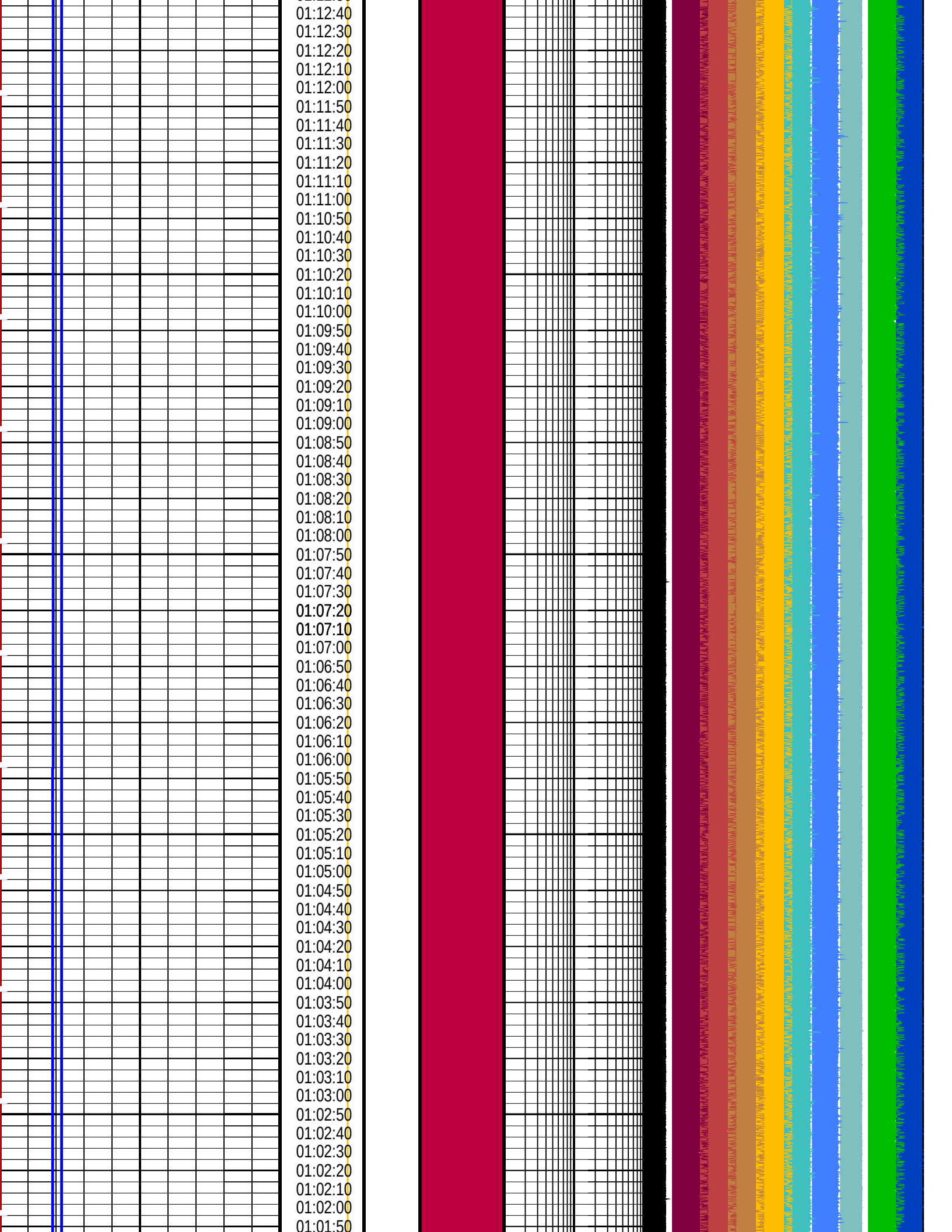

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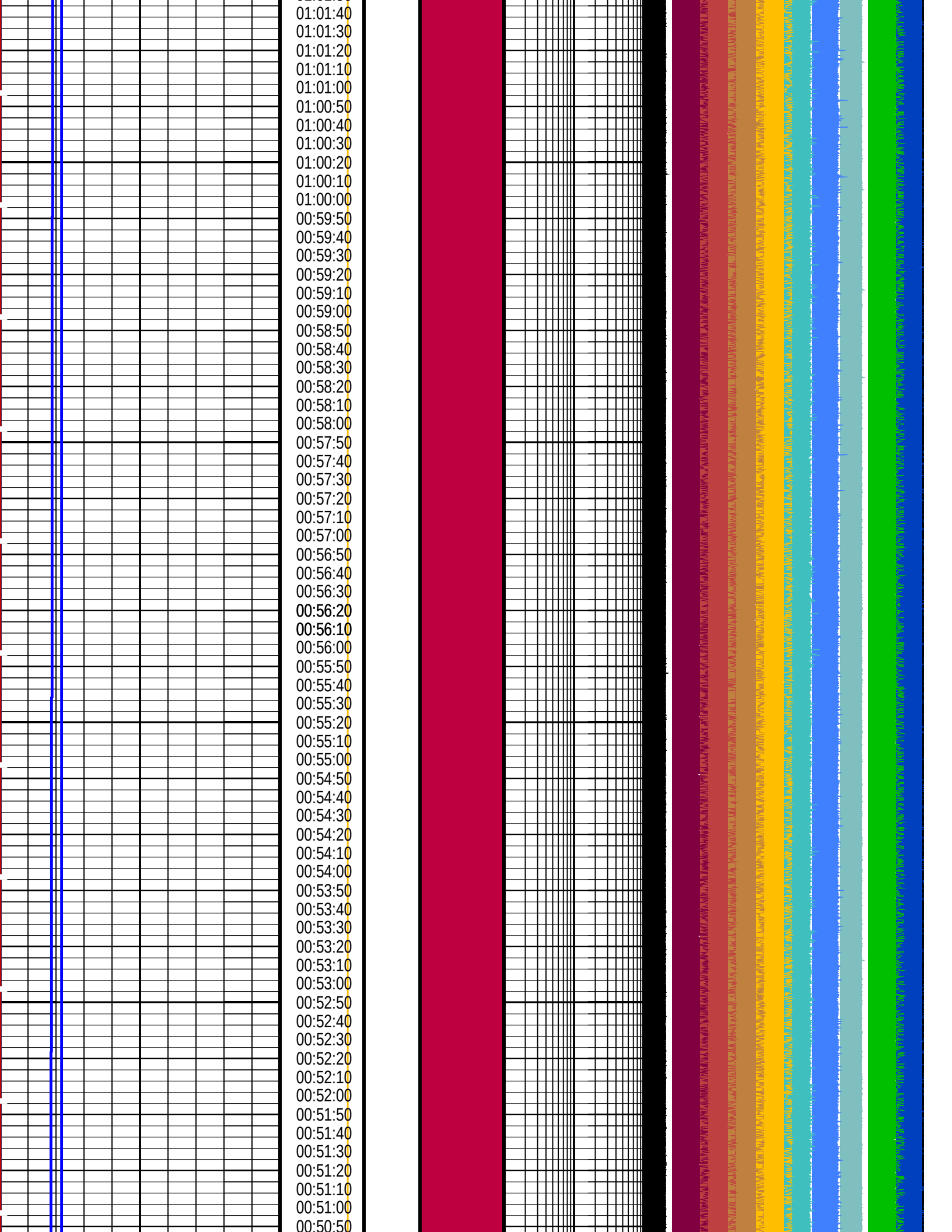

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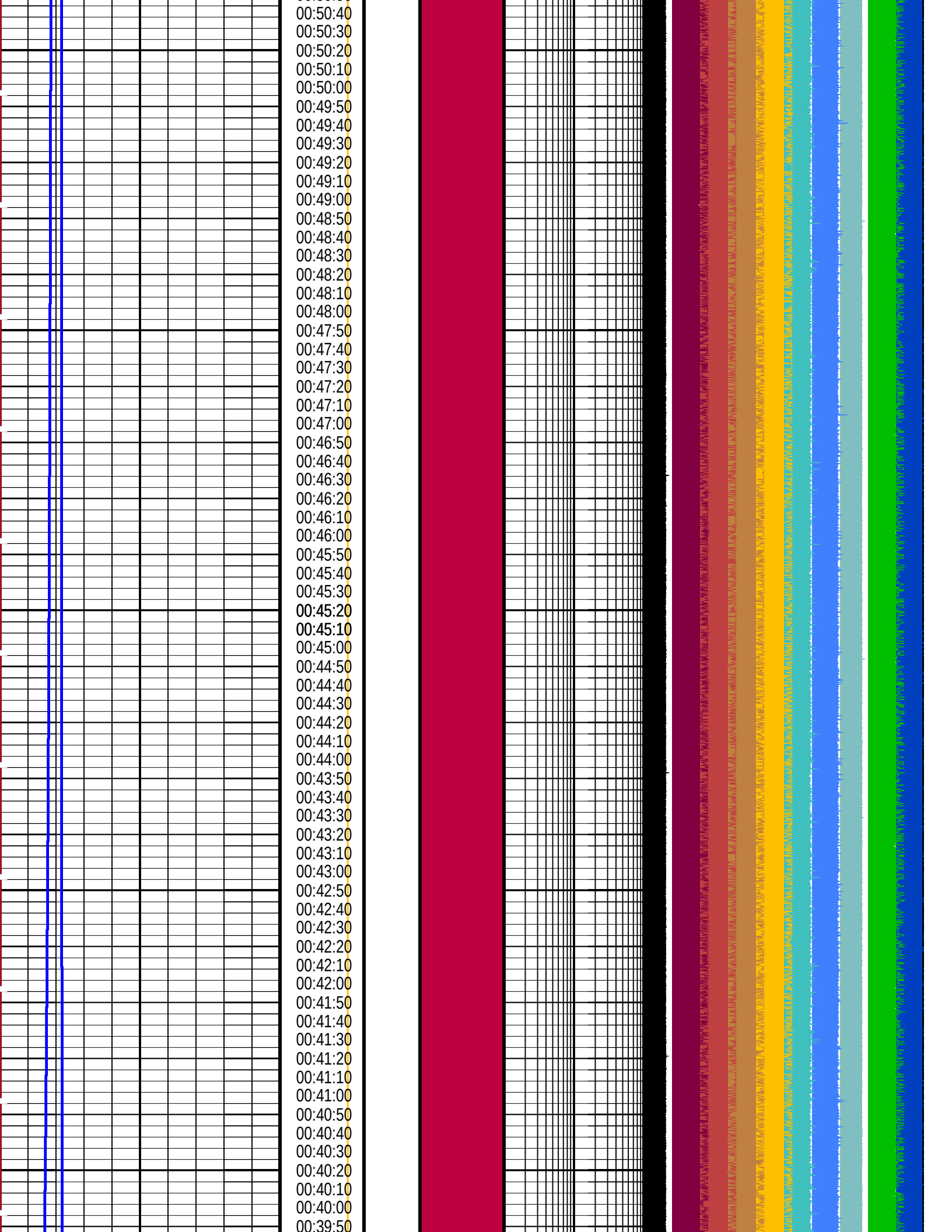

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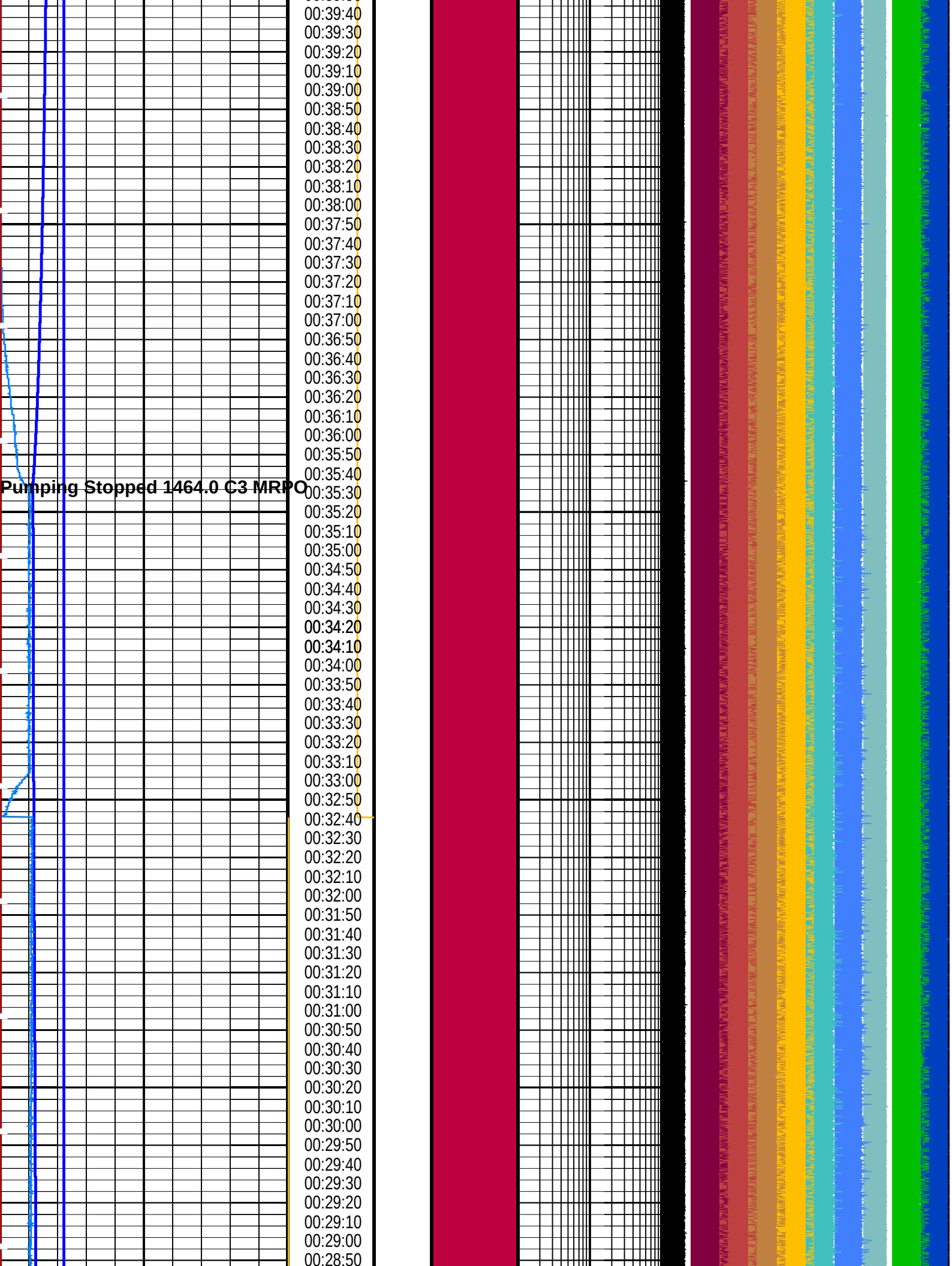

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Pumping Stopped 4392.0 C3 MRPO
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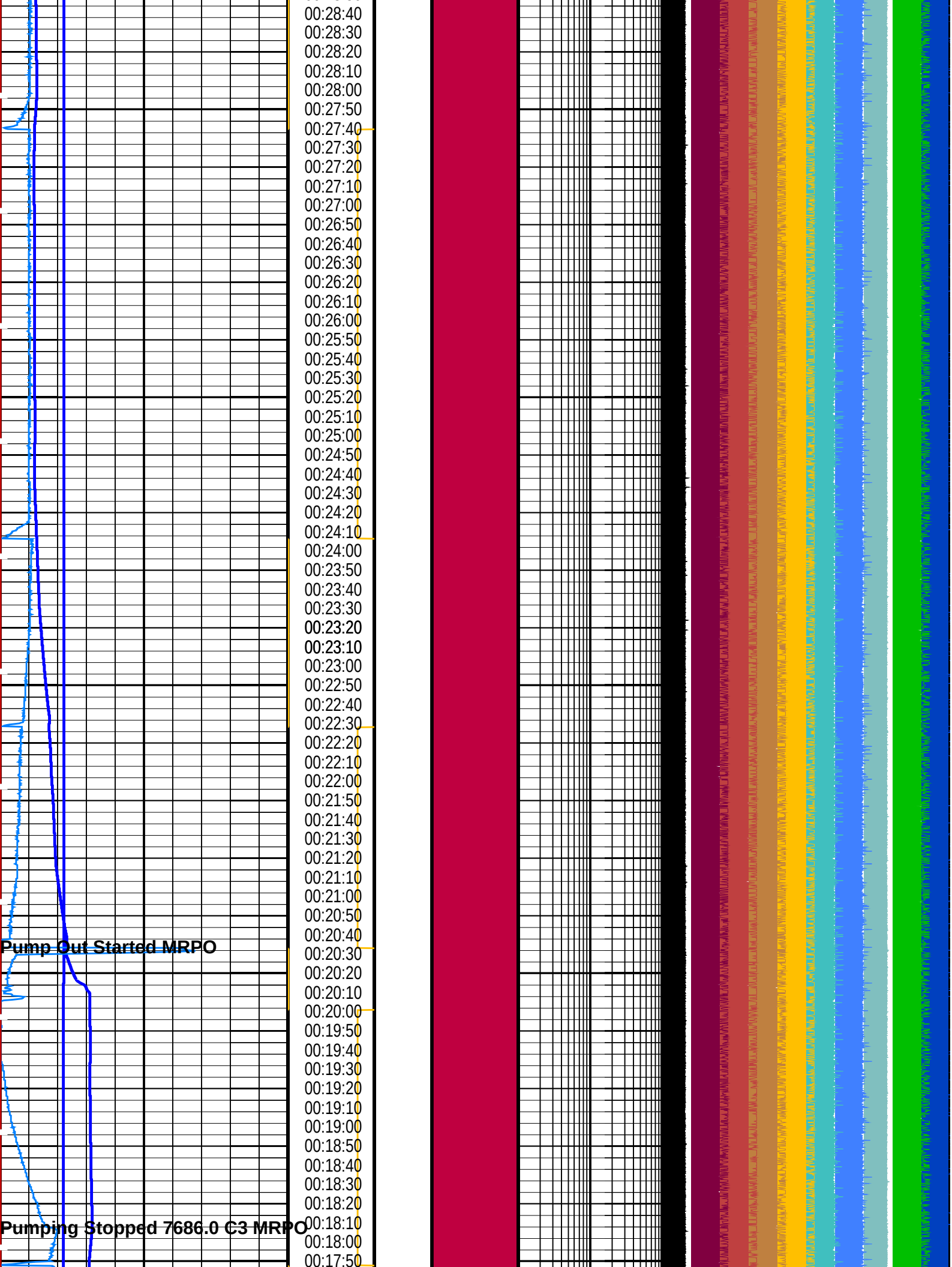

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Pump Out Started MRPO

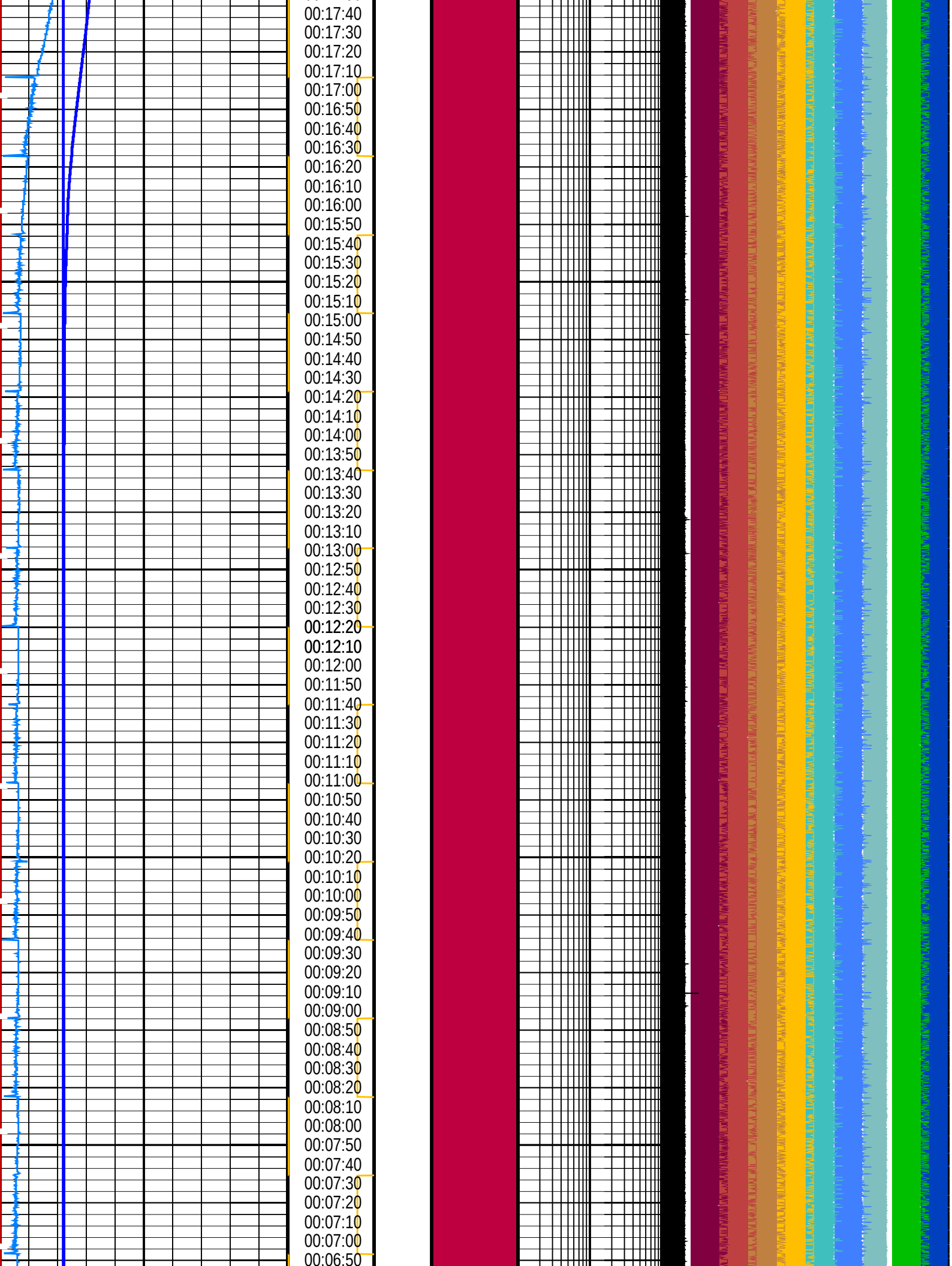

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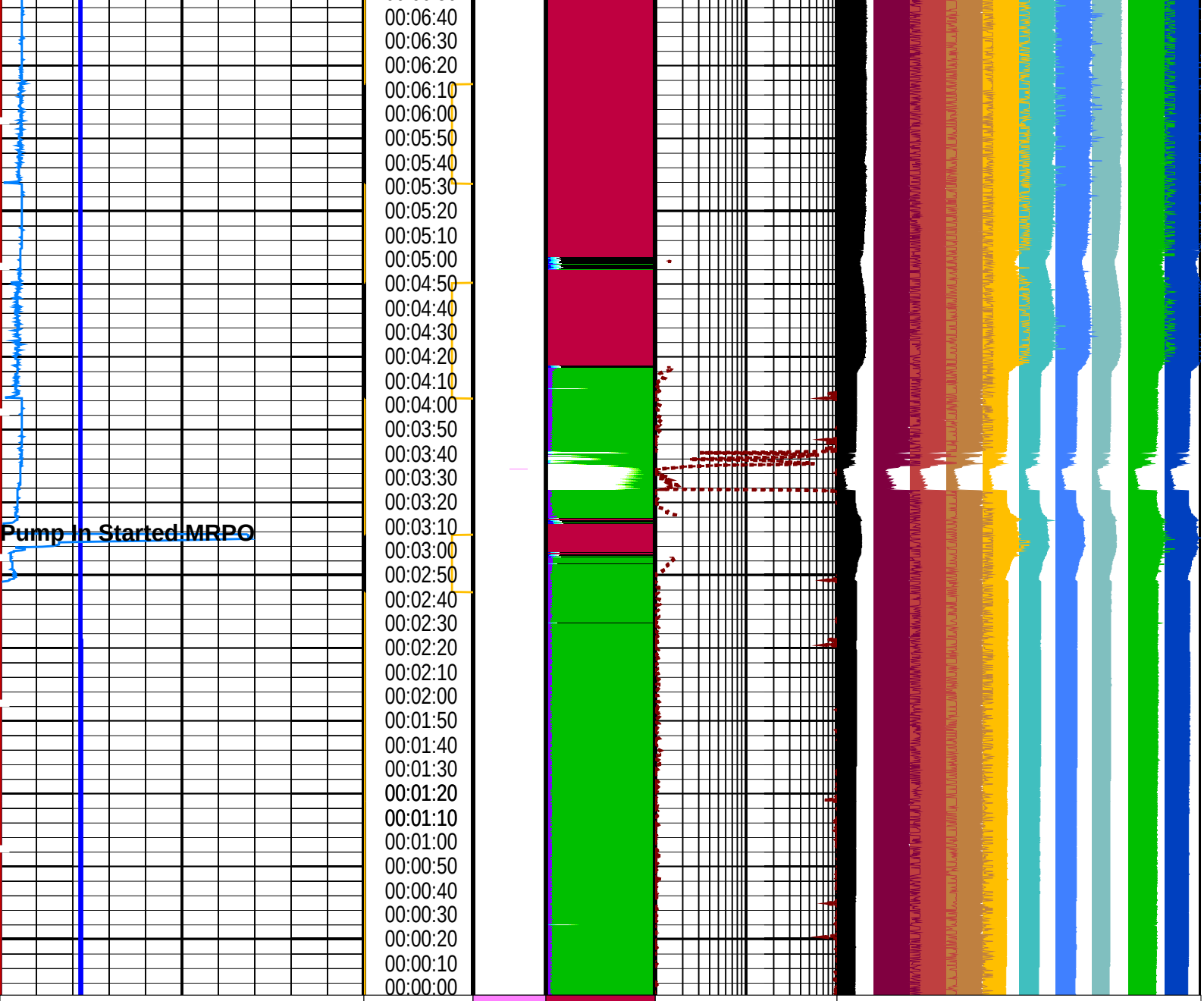

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Pumping Stopped 1464.0 C3 MRPO
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Pump Out Started MRPO
Pumping Stopped 7686.0 C3 MRPO


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00:06:50



MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000

MRPO Hydraulic Pressure (POHP2)
0 (PSIG) 5000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000

MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 5000

MRPS 1 Flowline Fluid Resistivity (BFR1)
0 (OHMM) 2

Elapsed Time (ETIM) (S)

MRPO Solenoid 3 Status (POS3)
5 (---- 0

Low Gas
Medium Gas
High Gas

Highly Absorbing Fluid
Water
Oil

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Fluid Coloration (FCOL_LFA) (----
0.000001 0.0001

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

LFA Optical Density Channel 1 (FAOD_LFA[1])
-4 (---- 36

LFA Optical Density Channel 2 (FAOD_LFA[2])
-8 (---- 32

LFA Optical Density Channel 3 (FAOD_LFA[3])
-12 (---- 28

LFA Optical Density Channel 4 (FAOD_LFA[4])
-16 (---- 24

LFA Optical Density Channel 5 (FAOD_LFA[5])
-20 (---- 20

LFA Optical Density Channel 6 (FAOD_LFA[6])		
−24	(−−−−	16
LFA Optical Density Channel 7 (FAOD_LFA[7])		
−28	(−−−−	12
LFA Optical Density Channel 8 (FAOD_LFA[8])		
−32	(−−−−	8
LFA Optical Density Channel 9 (FAOD_LFA[9])		
−36	(−−−−	4

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
CEXP_LFA	LFA Coloration Exponent	4.6	
DCDW_LFA	LFA Decolor and Dewater Allow/Disallow for Gas Oil Ratio	ALLOW	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
ODTMP_LFA	LFA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: LFA **Vertical Scale: 1" per 60S** **Graphics File Created: 16−Feb−2007 19:17**

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_094LTP	FN:105	PRODUCER	16−Feb−2007 19:17		

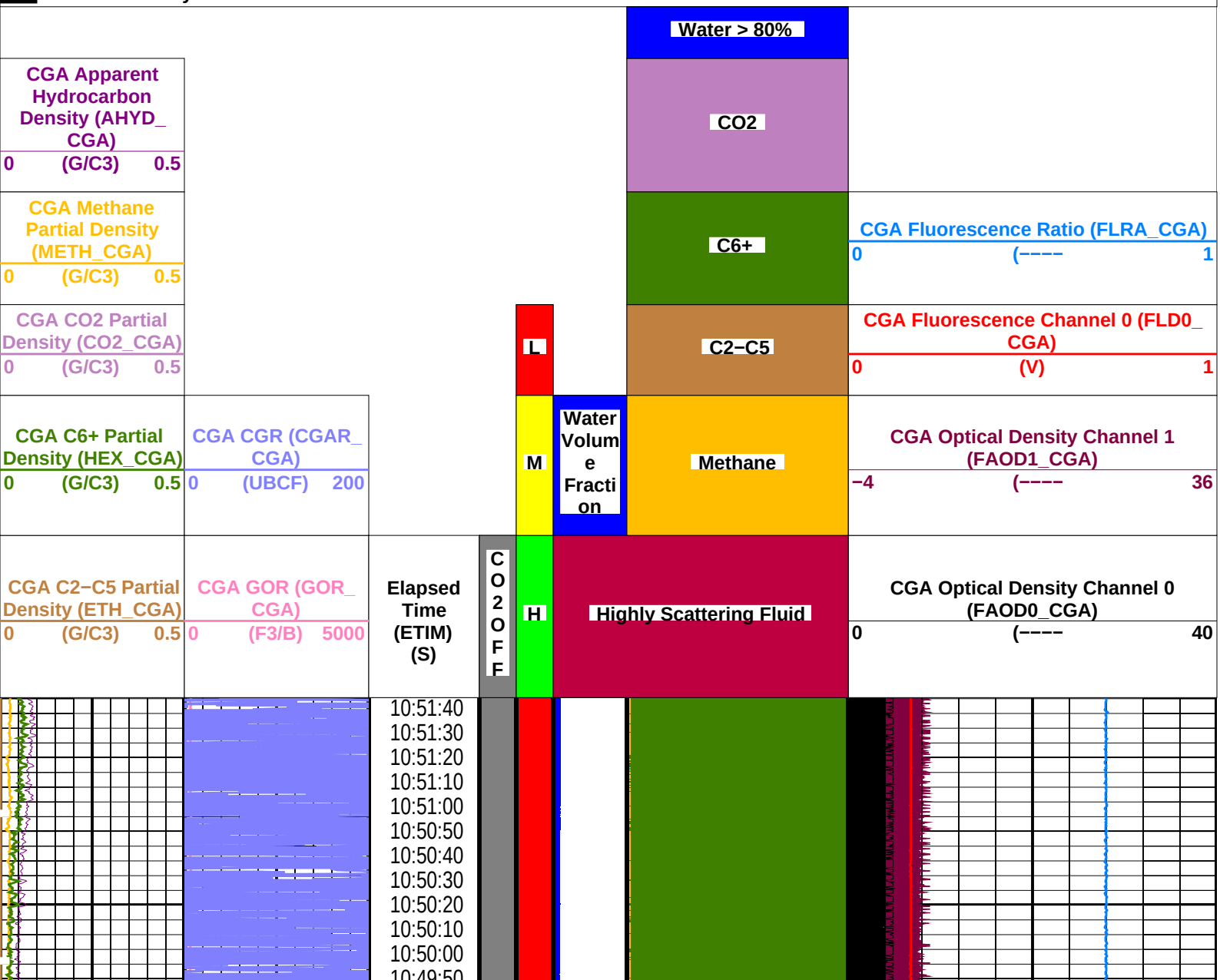
Output DLIS Files

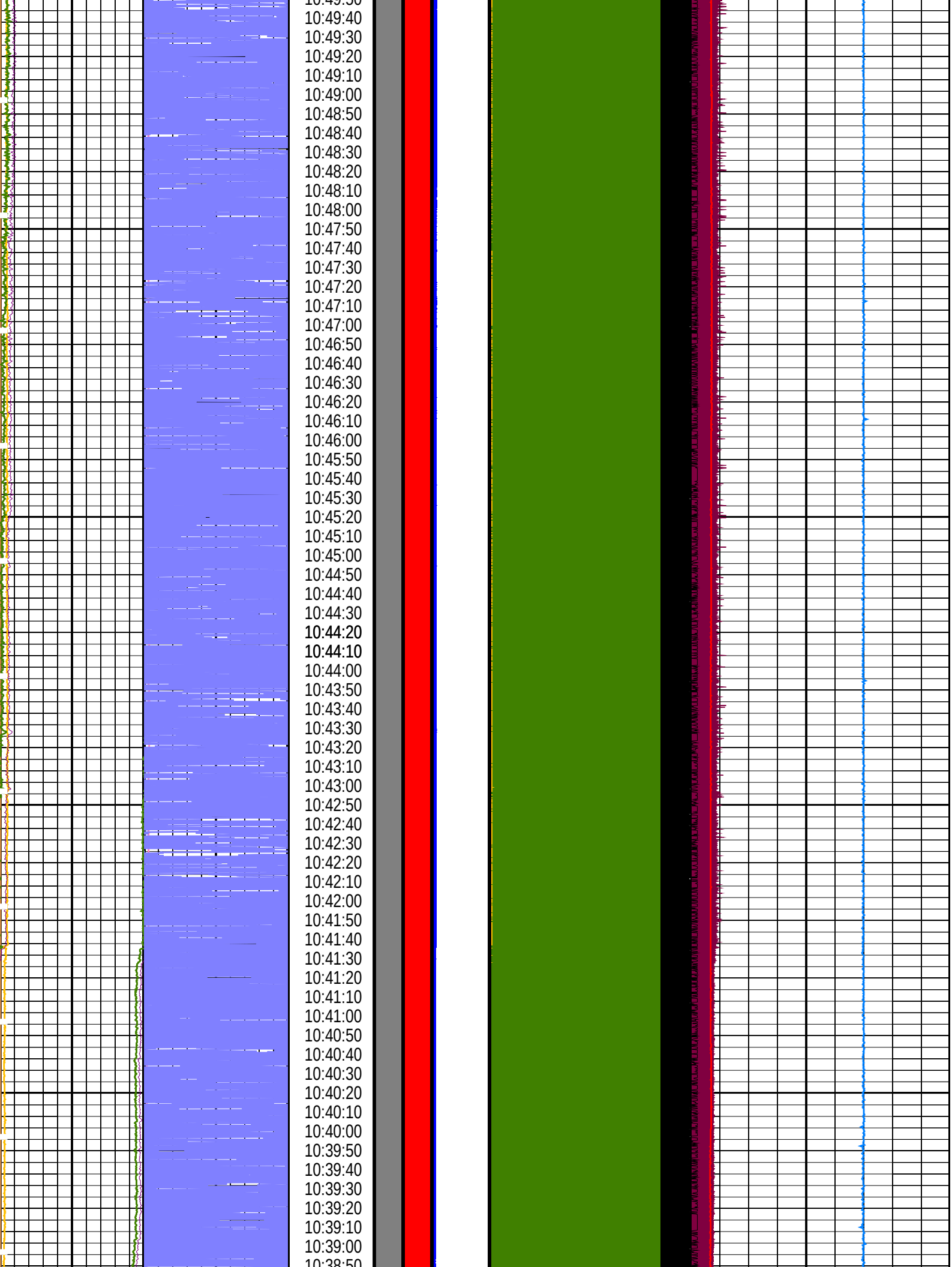
DEFAULT	MDT_OFA_094LTP	FN:105	PRODUCER	16−Feb−2007 19:17	2151.1 FT	325.9 FT

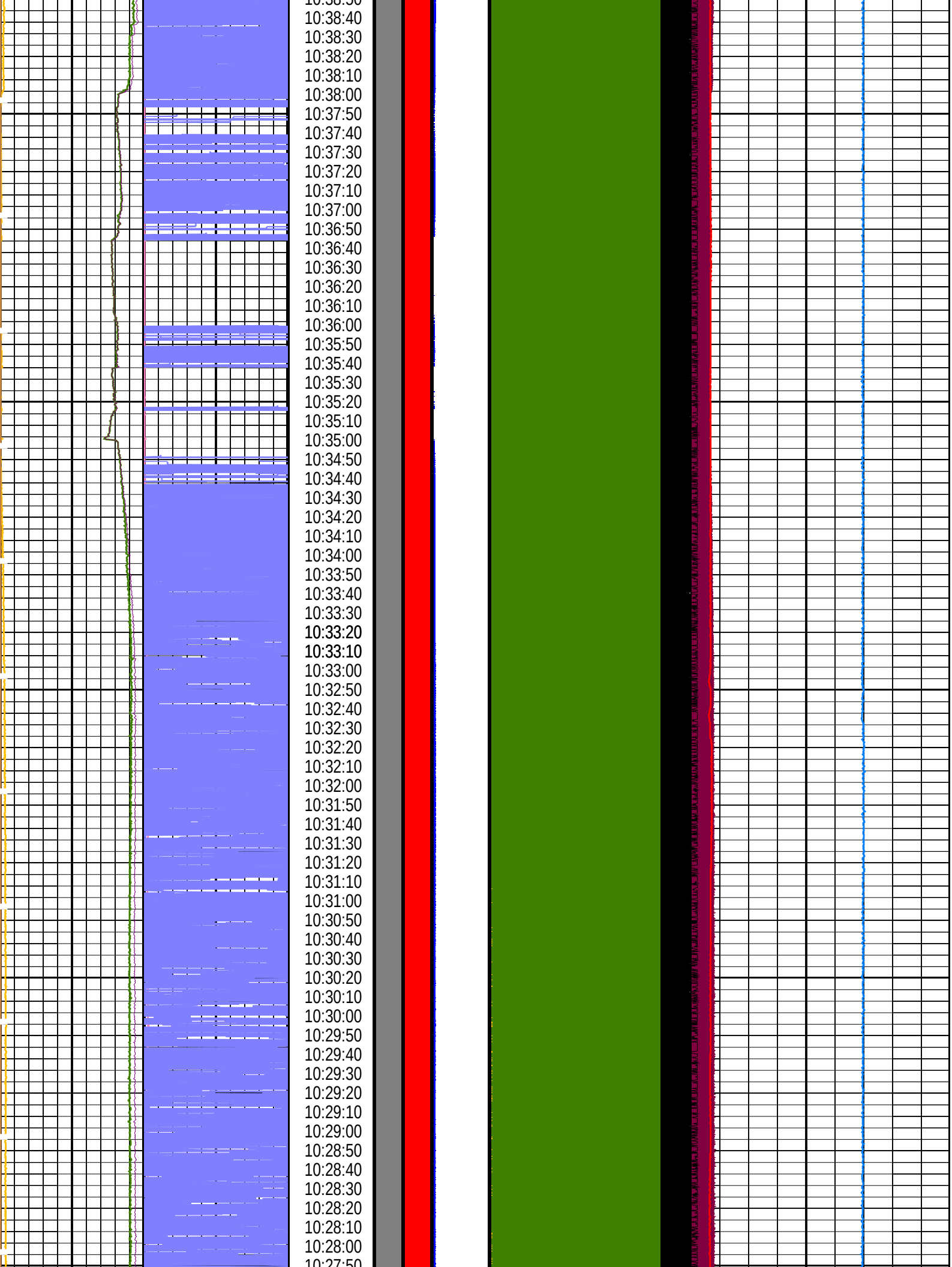
Elapsed Time (s)	Event Summary
35227.2	Pumping Stopped 2562.0 C3 Dual Pumpout Module (MRPO)
34396.5	Open Sample Chamber Module 2 (1 Gallon, H2S), sample number = 1
34341.3	Pump Out Started Dual Pumpout Module (MRPO)
18115.2	Pumping Stopped 40992.0 C3 Dual Pumpout Module (MRPO)
16098.0	Seal MDT Multi−Sample (MRMS) 1, bottle 2
15575.4	Open MDT Multi−Sample (MRMS) 1, bottle 2, sample number = 2
12855.0	Seal Sample Chamber Module 2 (1 Gallon, H2S)
11325.9	Pump Out Started Dual Pumpout Module (MRPO)
5462.7	Pumping Stopped 4392.0 C3 Dual Pumpout Module (MRPO)
4524.3	Pump Out Started Dual Pumpout Module (MRPO)
2136.6	Pumping Stopped 1464.0 C3 Dual Pumpout Module (MRPO)
1237.2	Pump Out Started Dual Pumpout Module (MRPO)
1090.8	Pumping Stopped 7686.0 C3 Dual Pumpout Module (MRPO)
190.8	Pump In Started Dual Pumpout Module (MRPO)

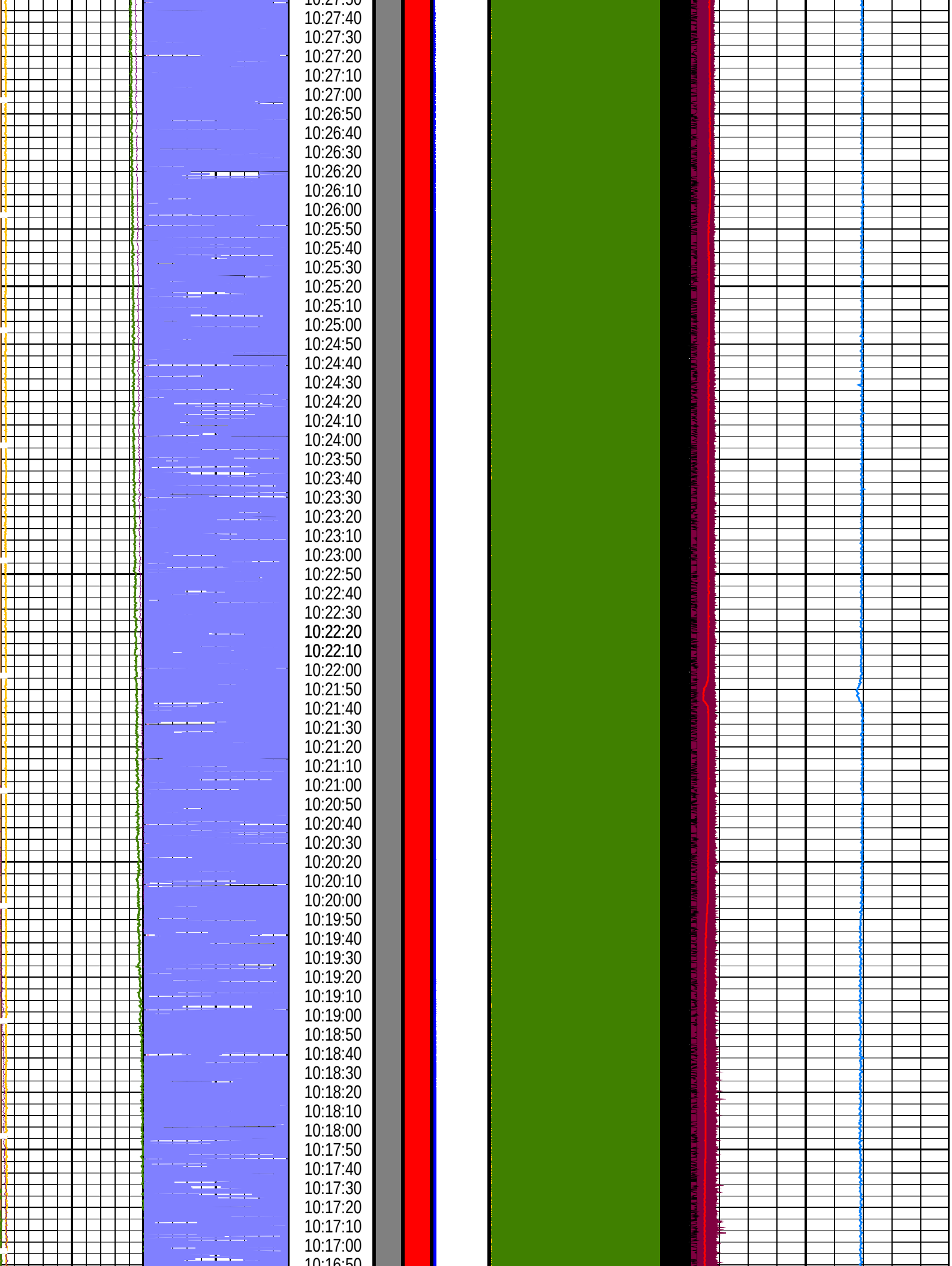
PIP SUMMARY

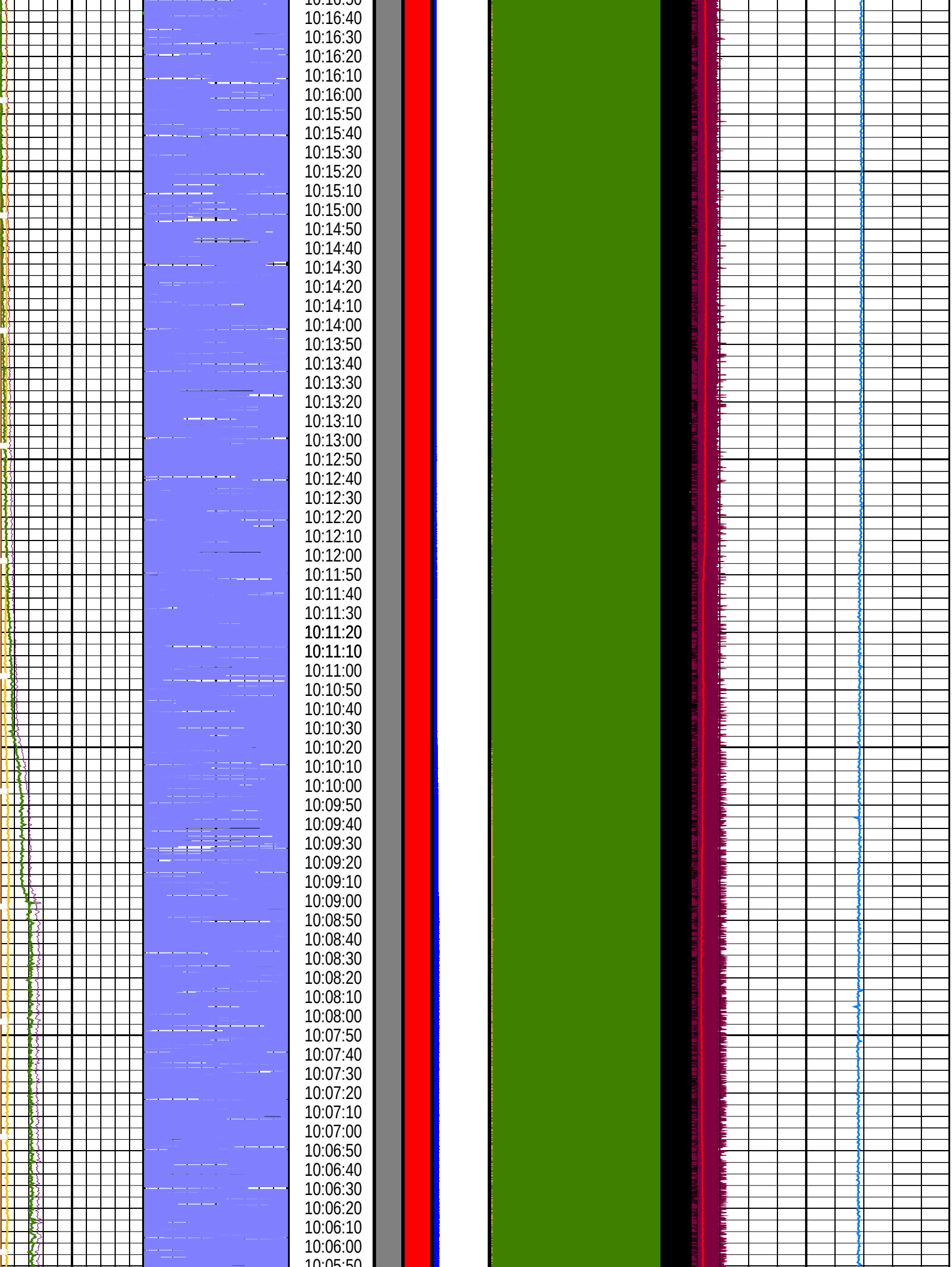
Time Mark Every 60 S

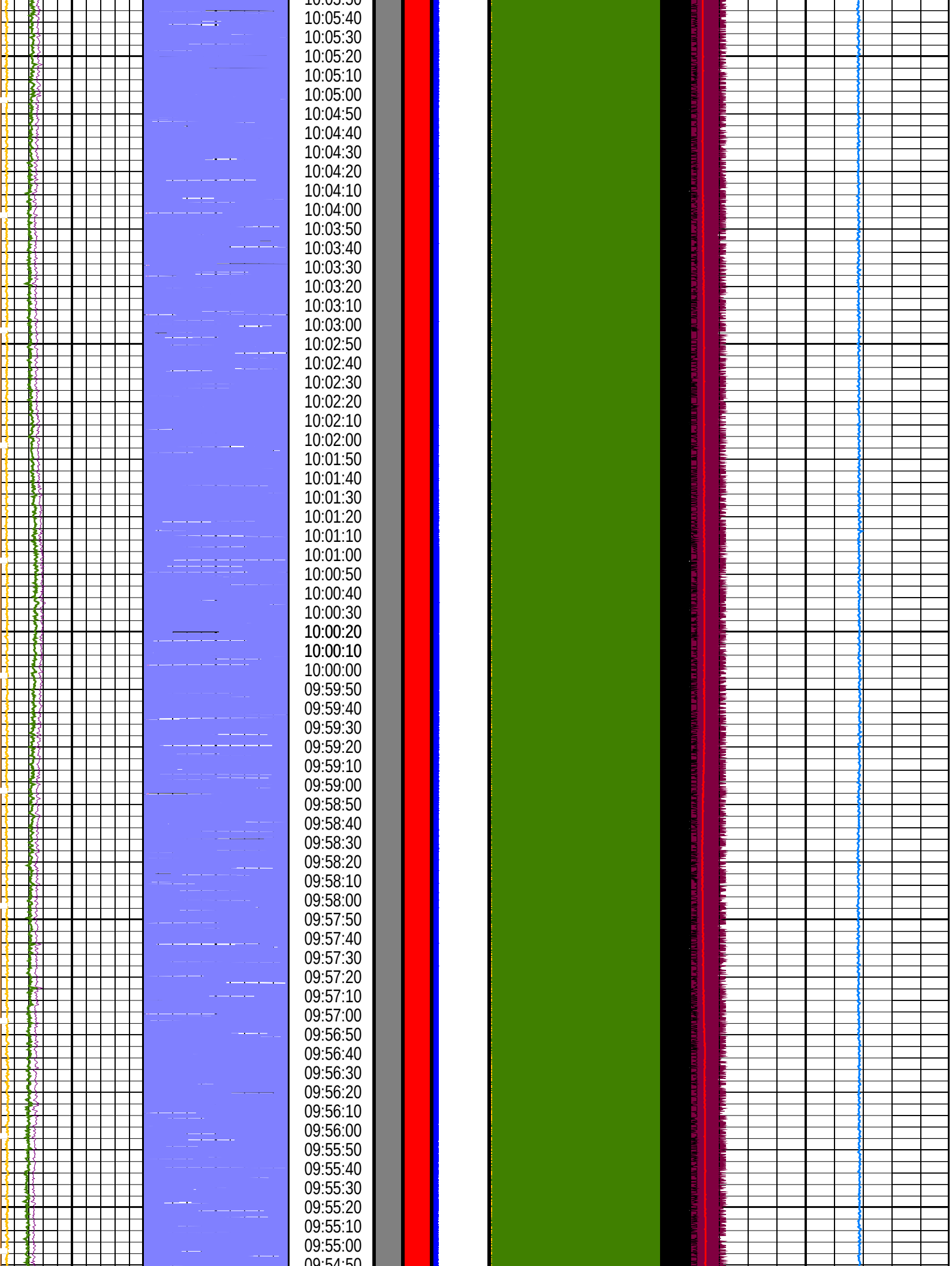


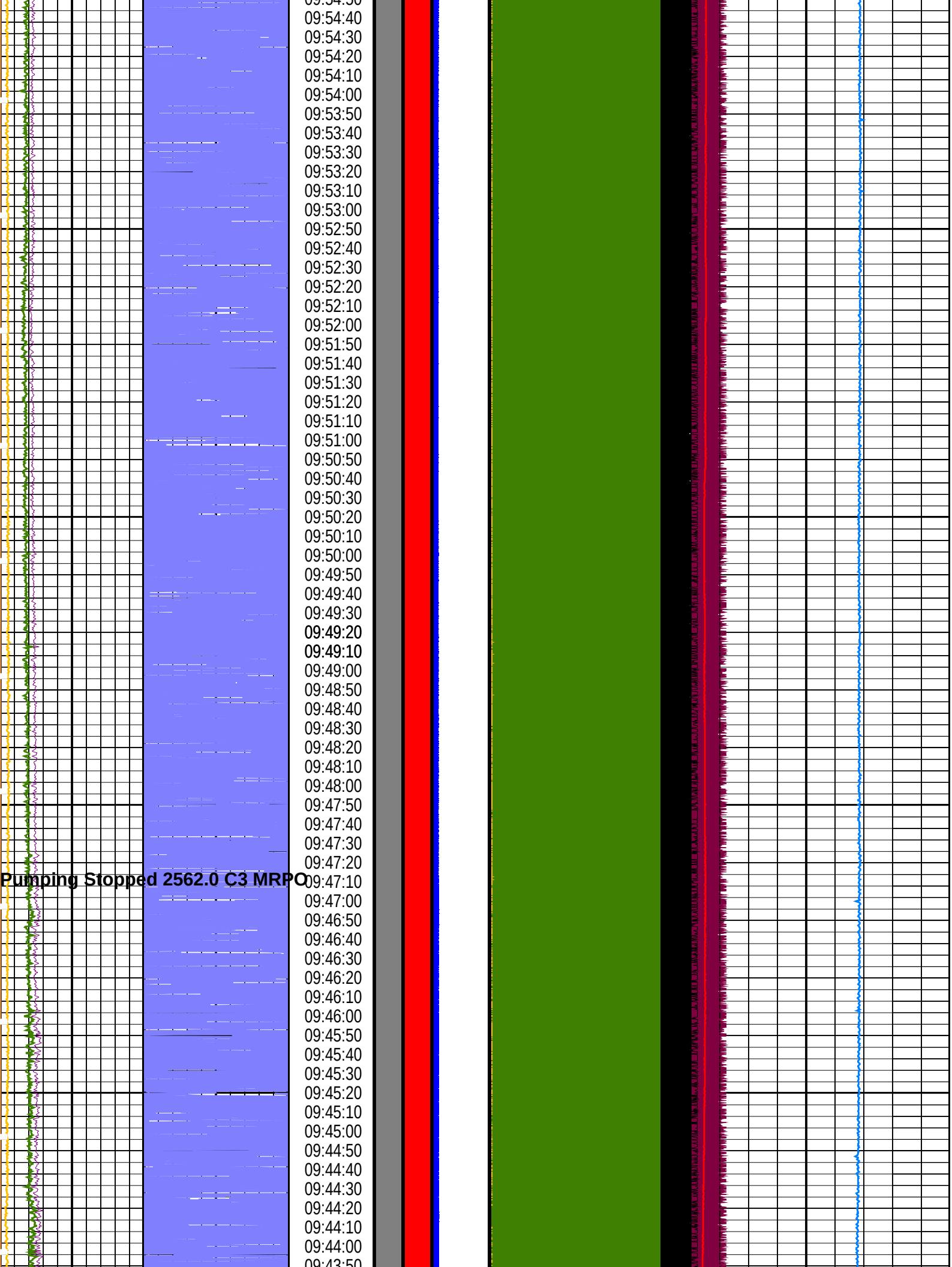

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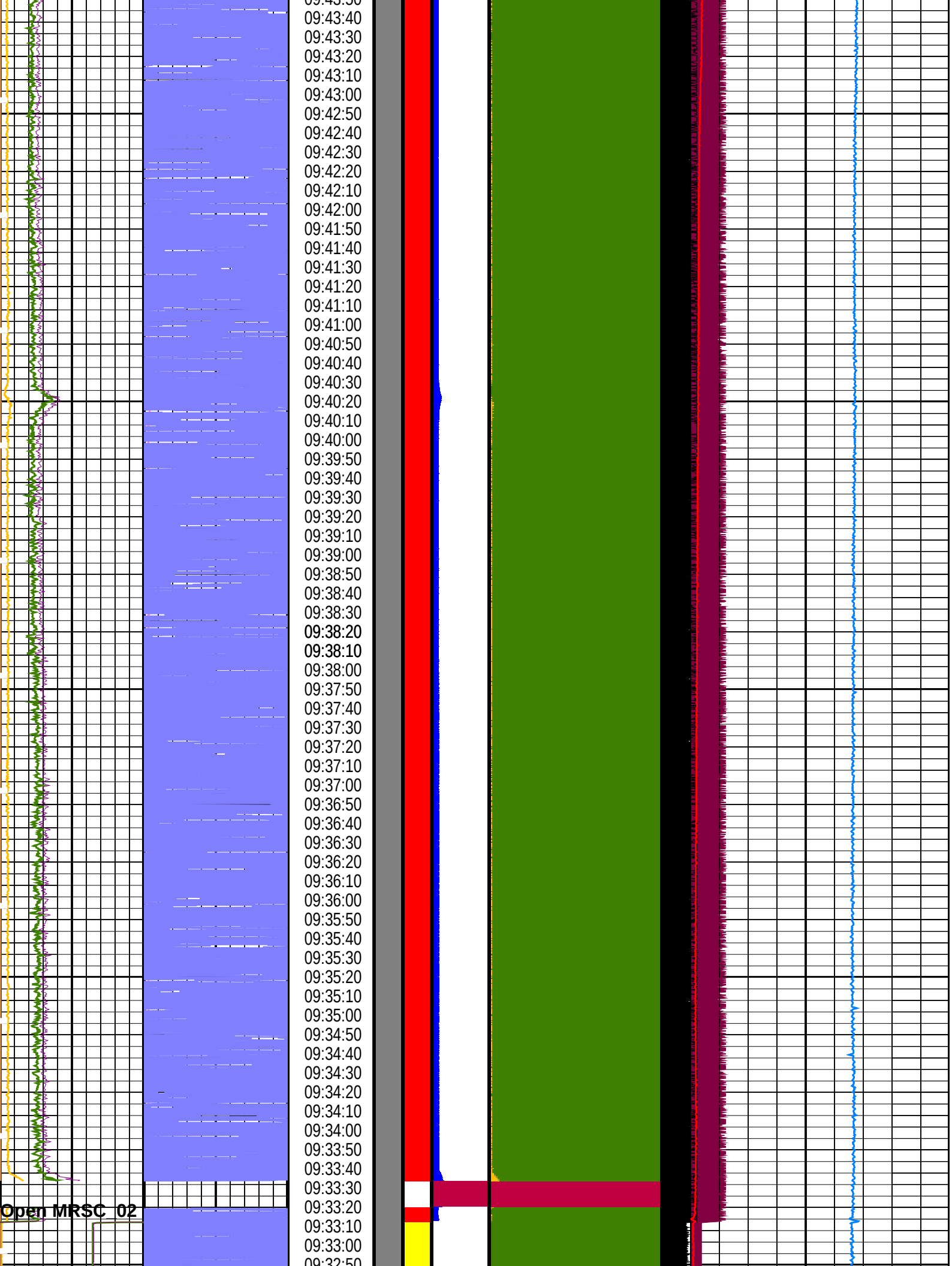

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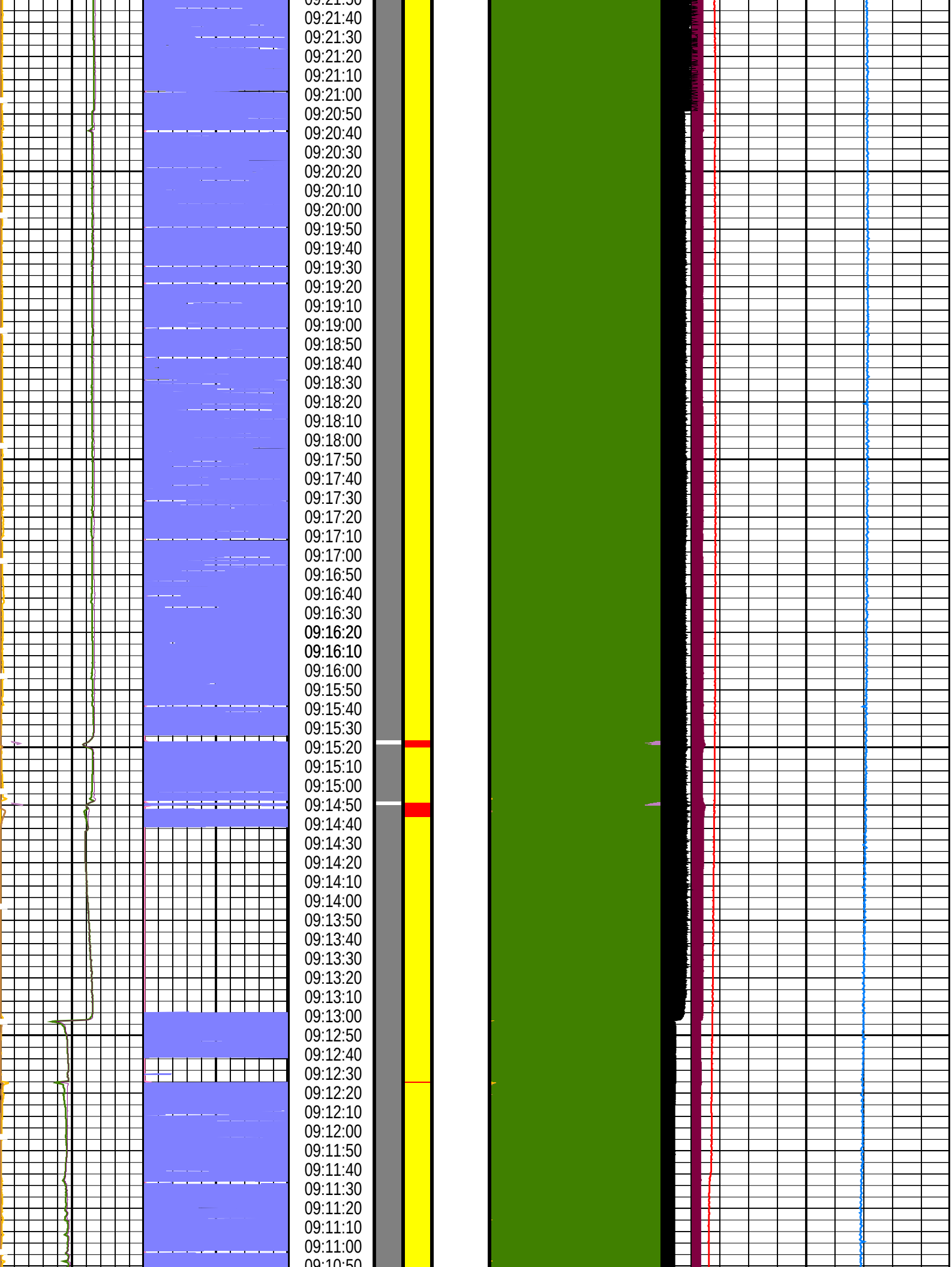

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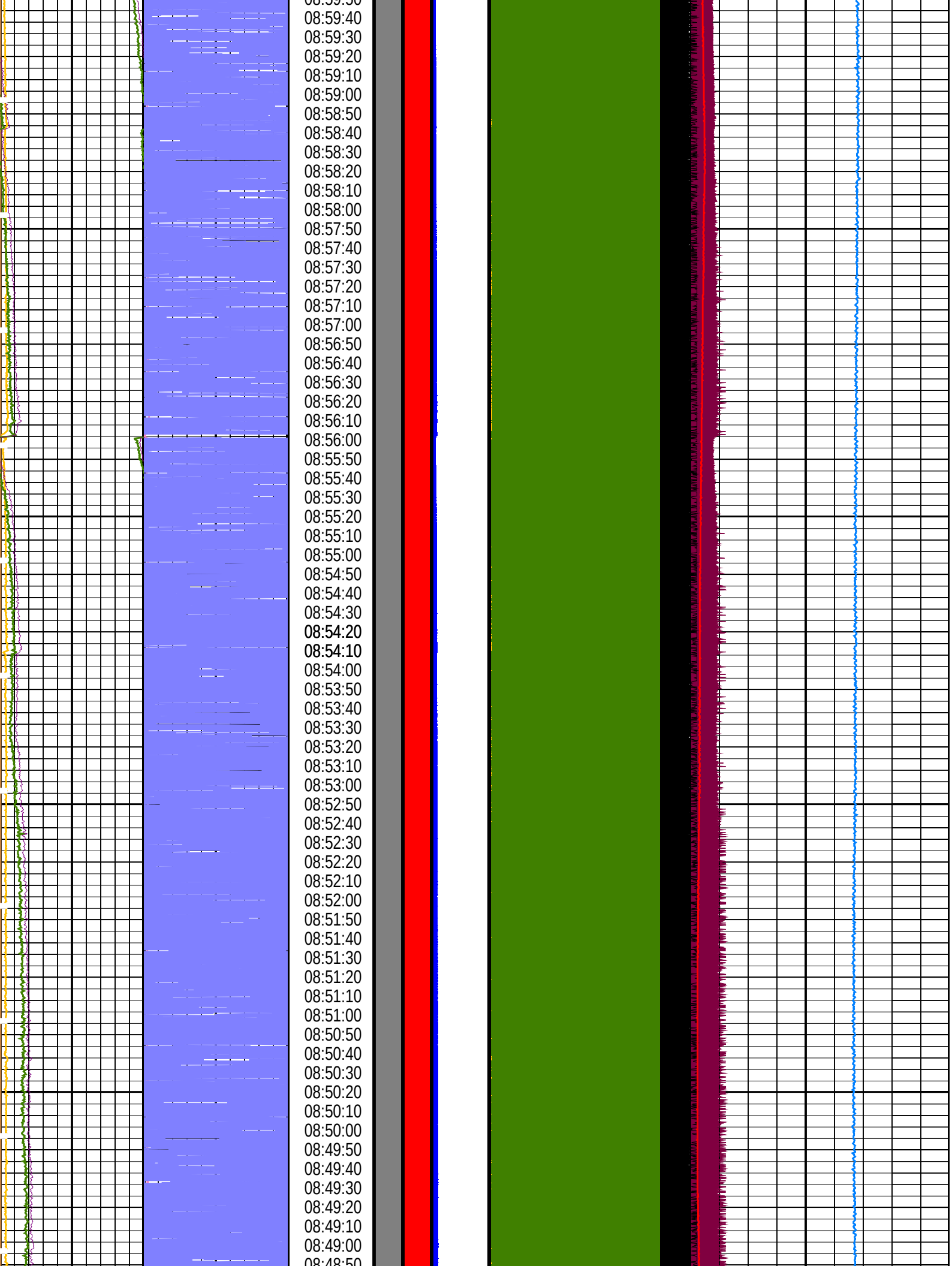

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Pumping Stopped 2562.0 C3 MRPO
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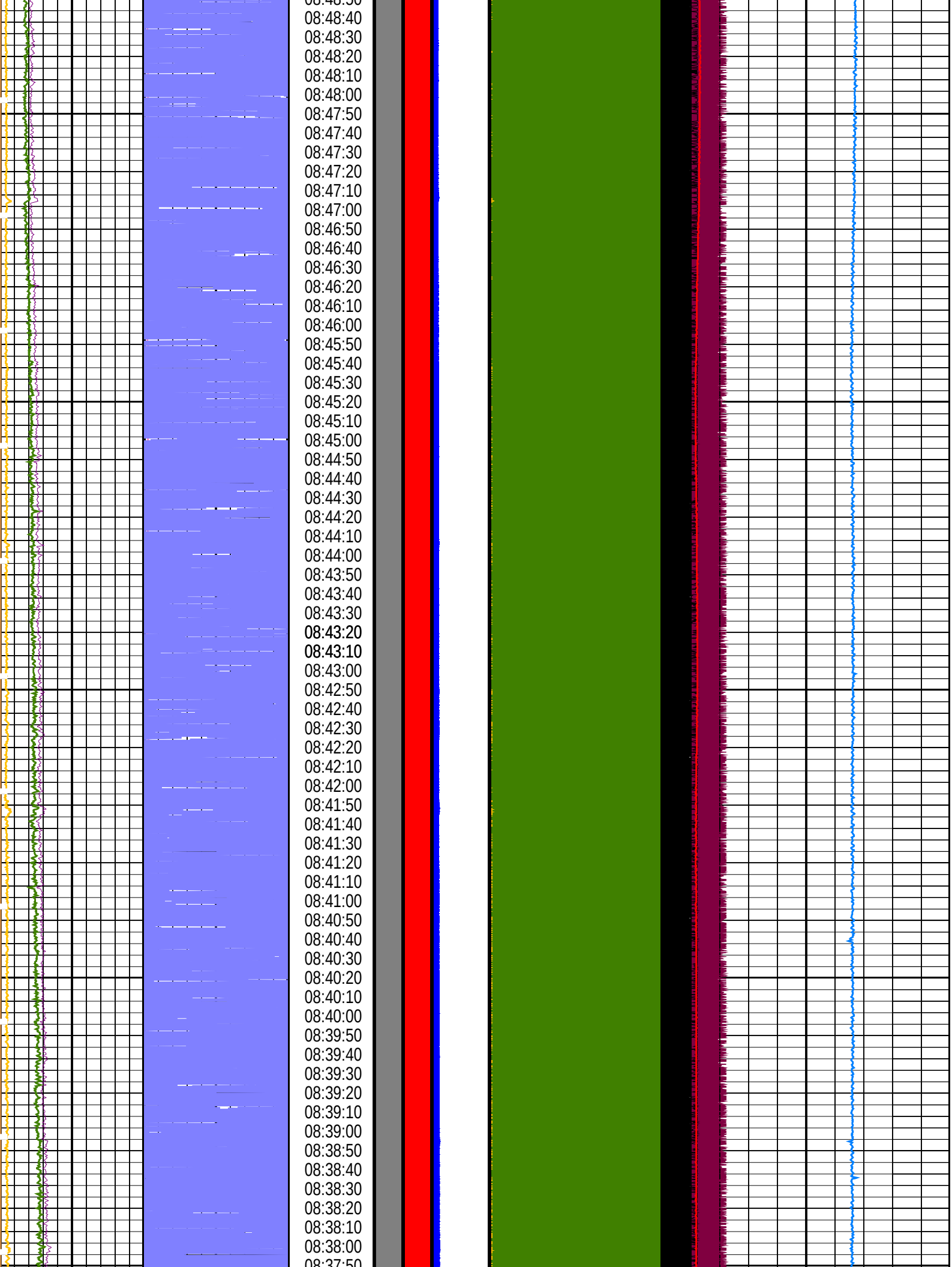

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Open MRSC_02

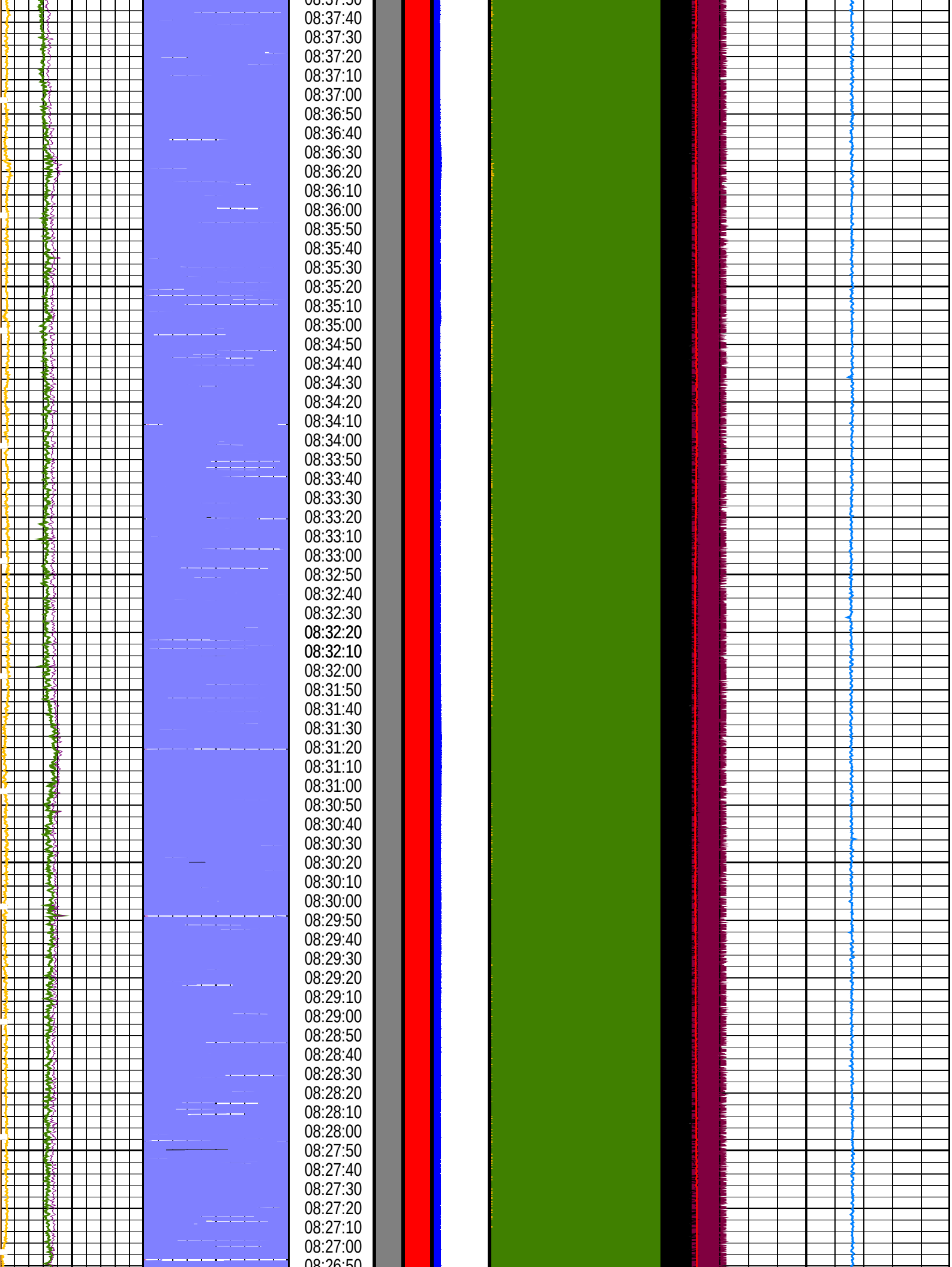

Pump Out Started MRPO
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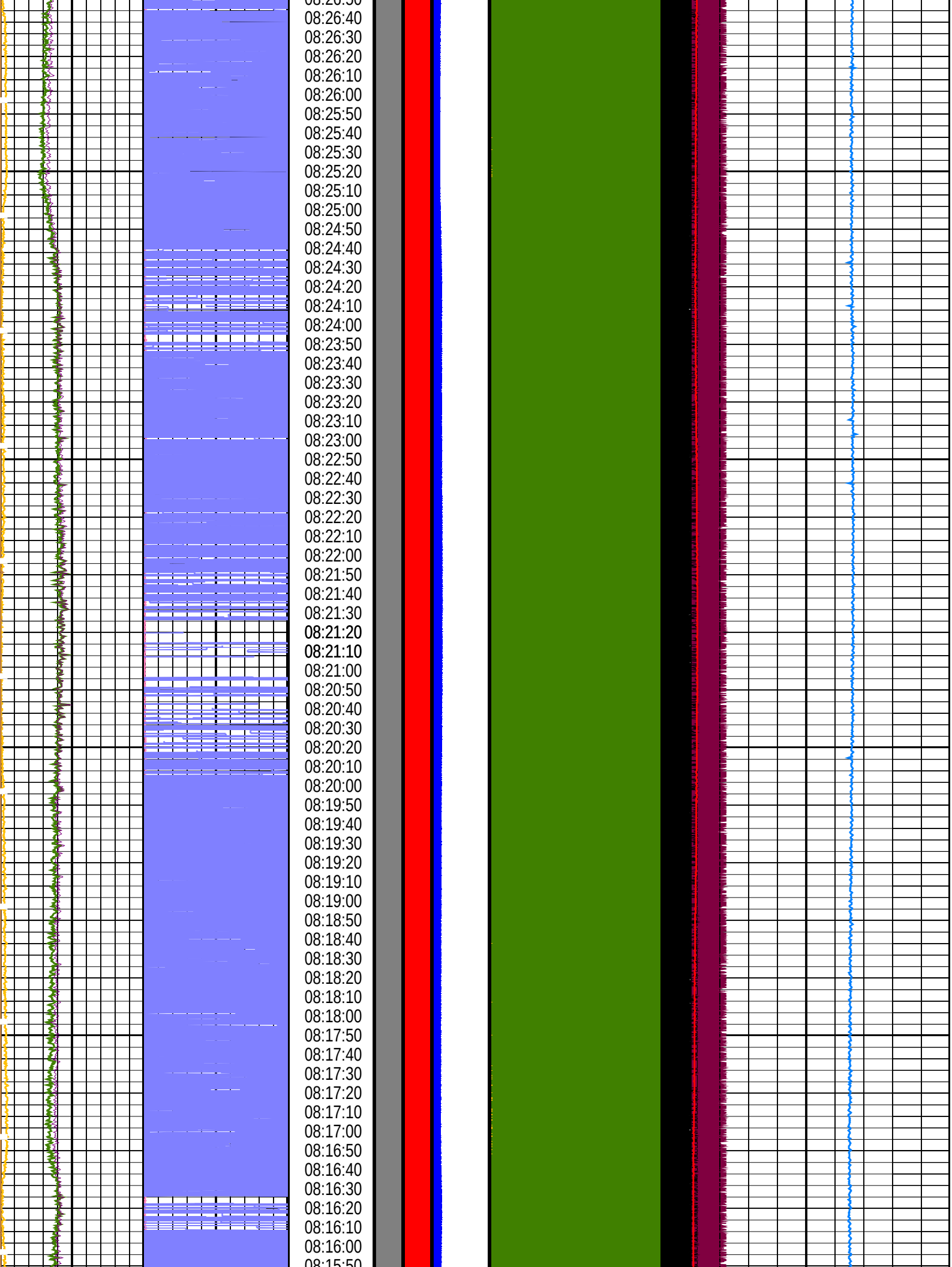

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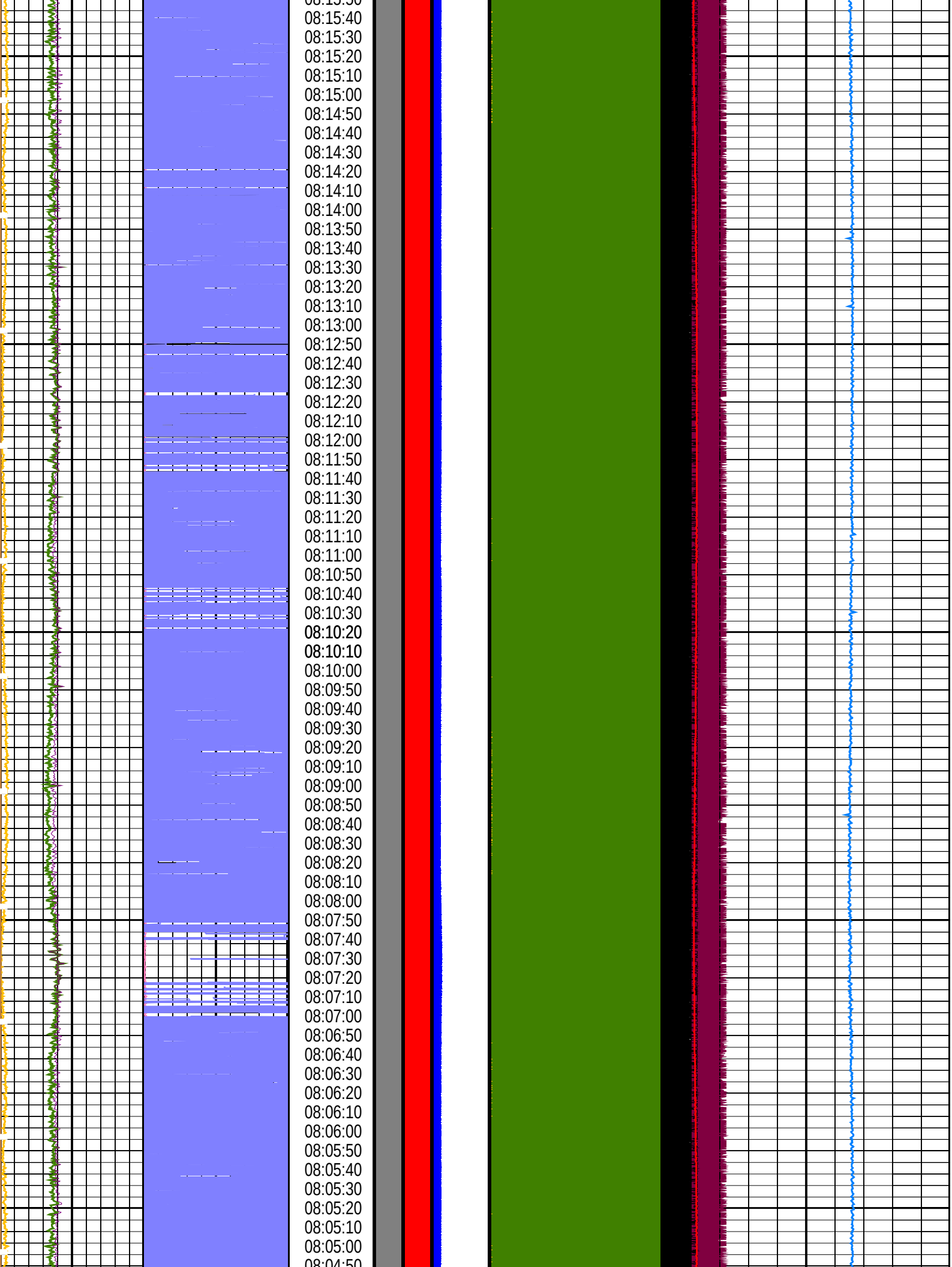

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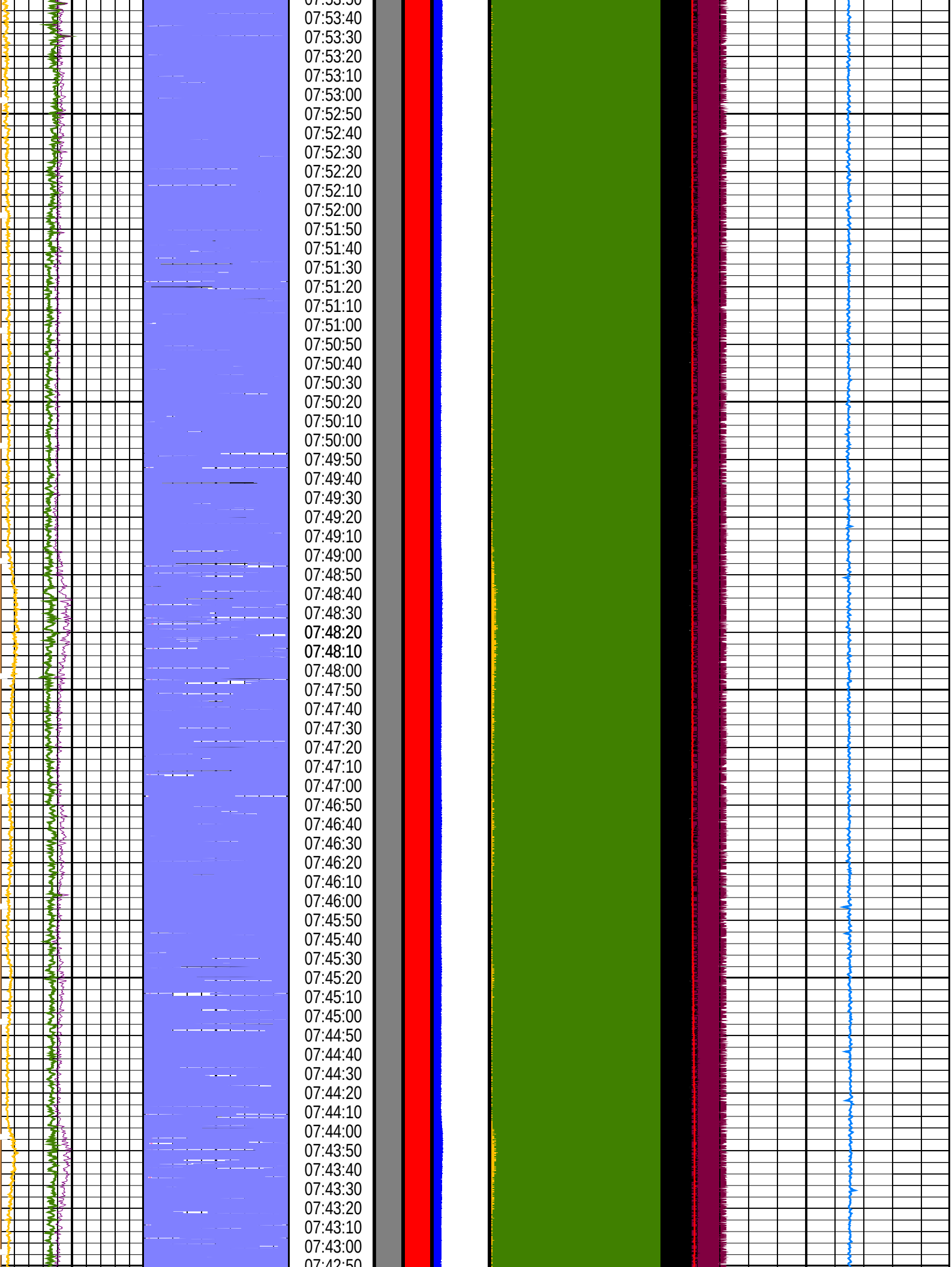

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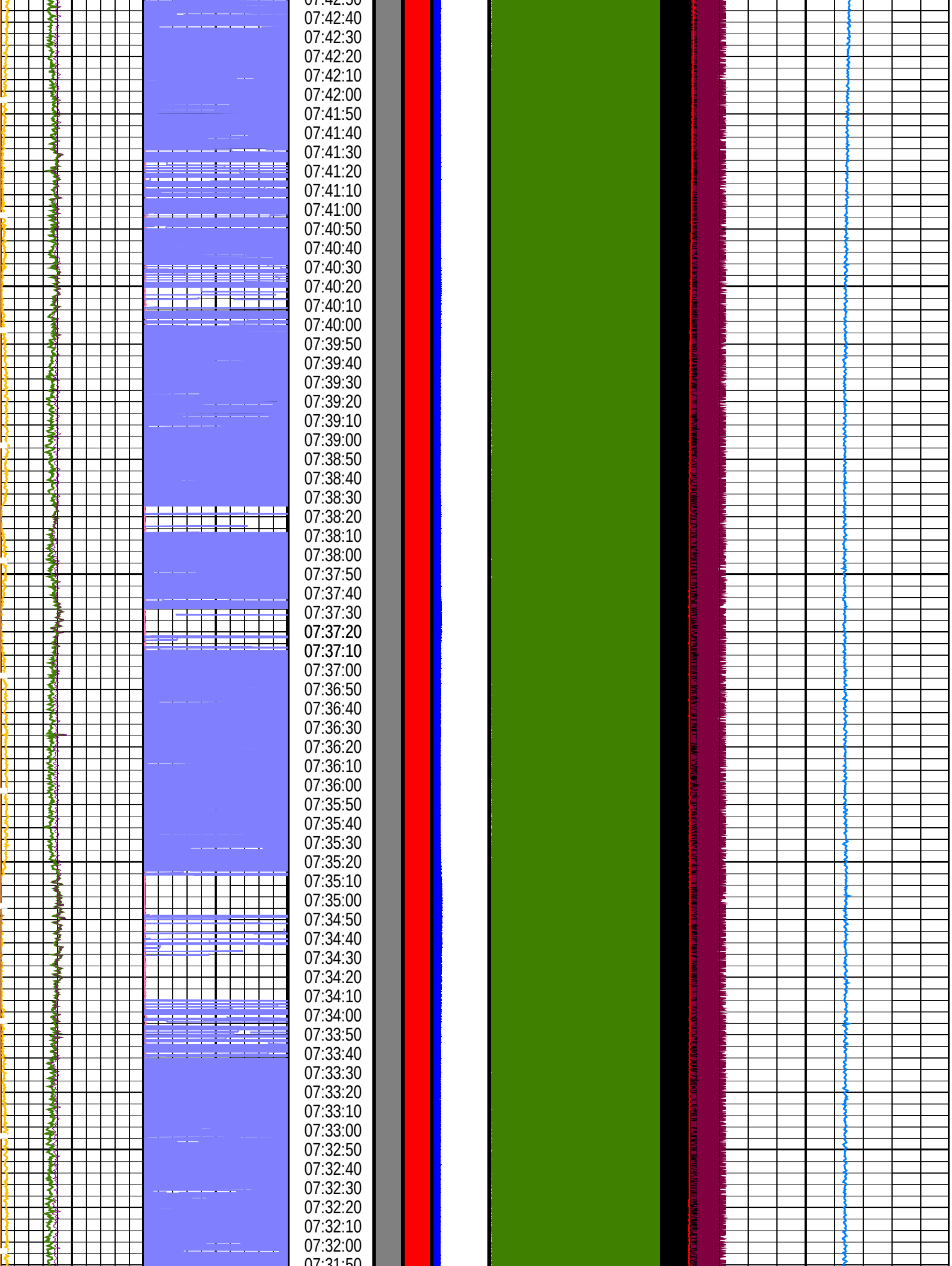

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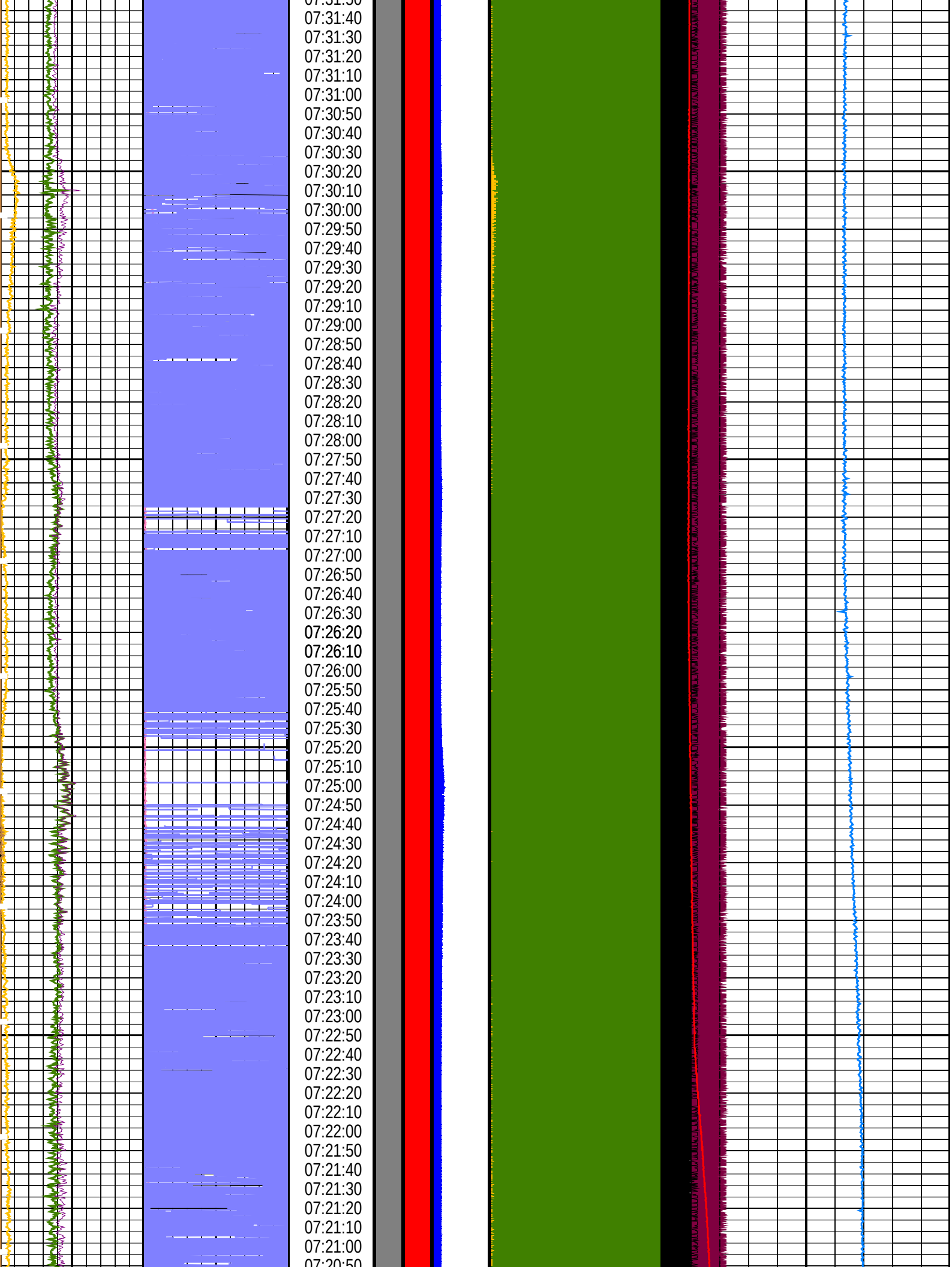

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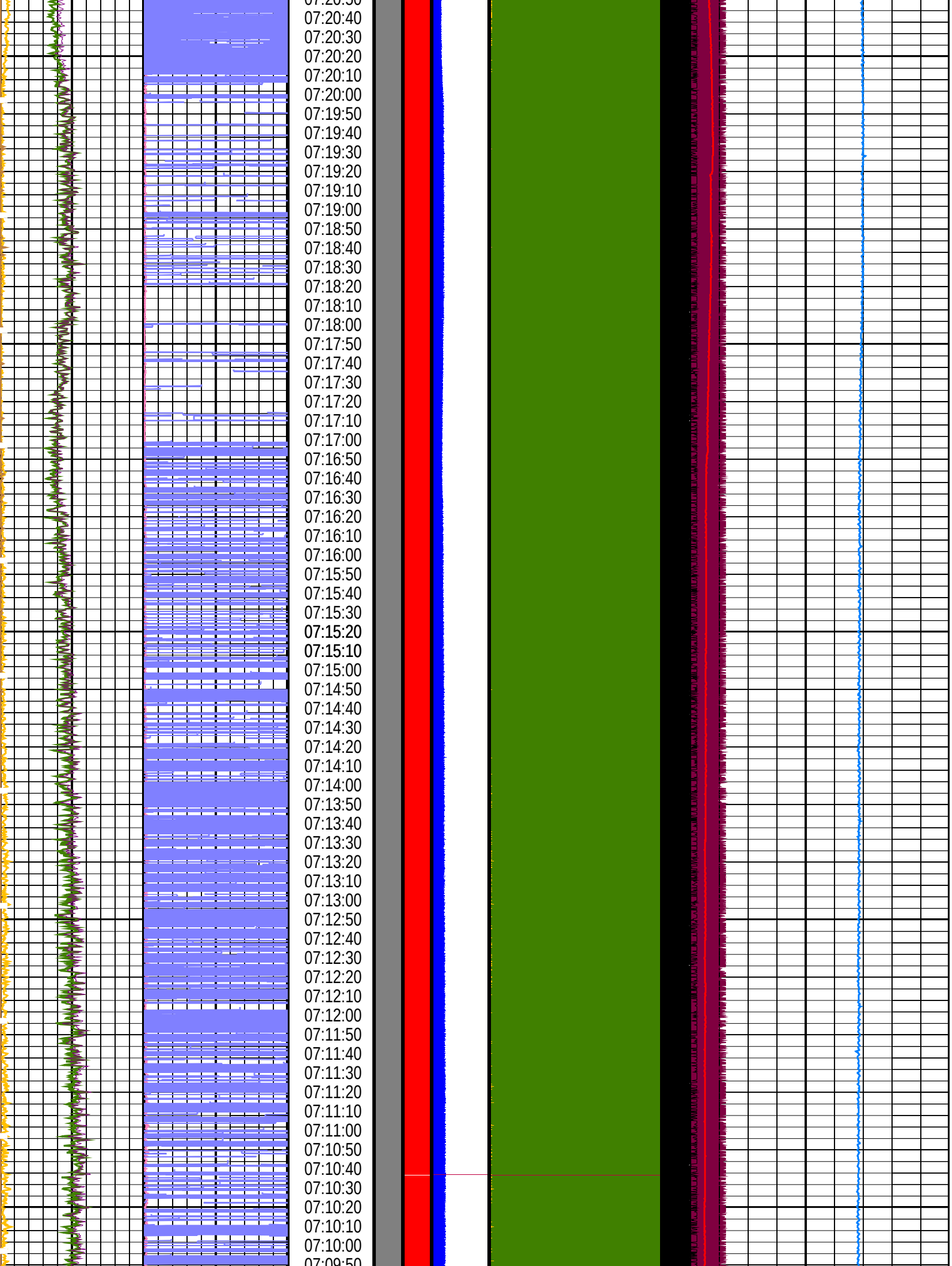

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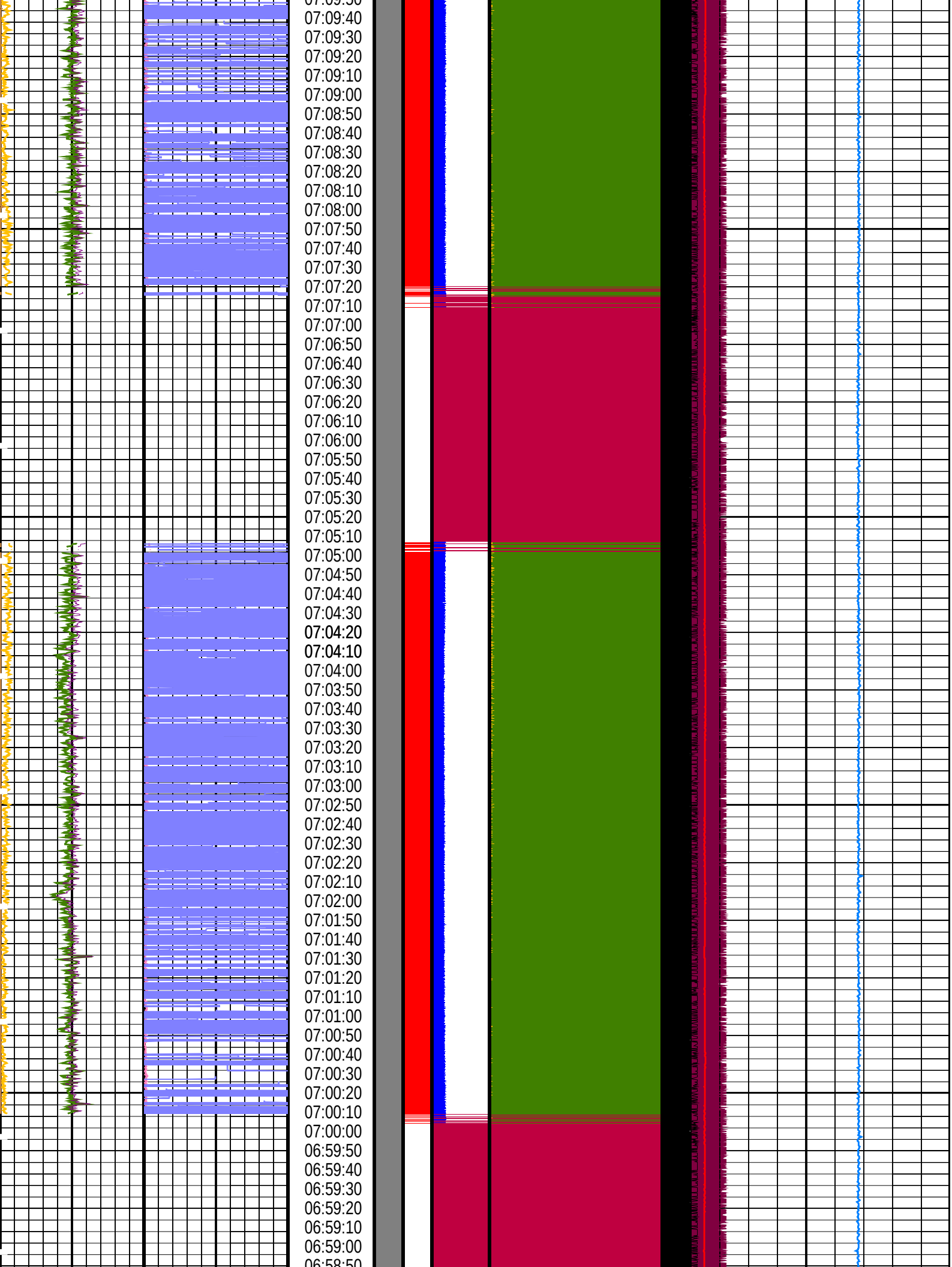

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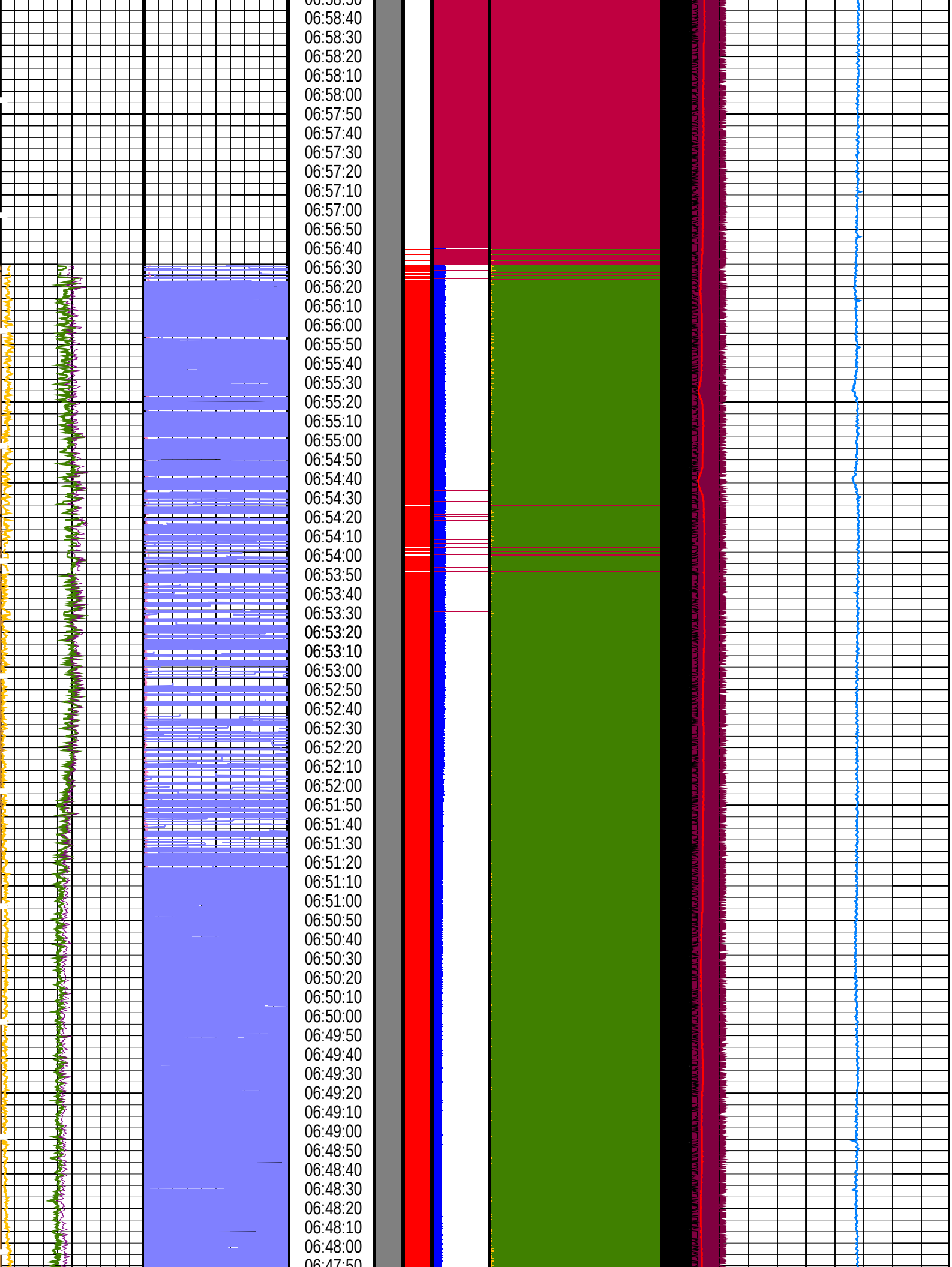

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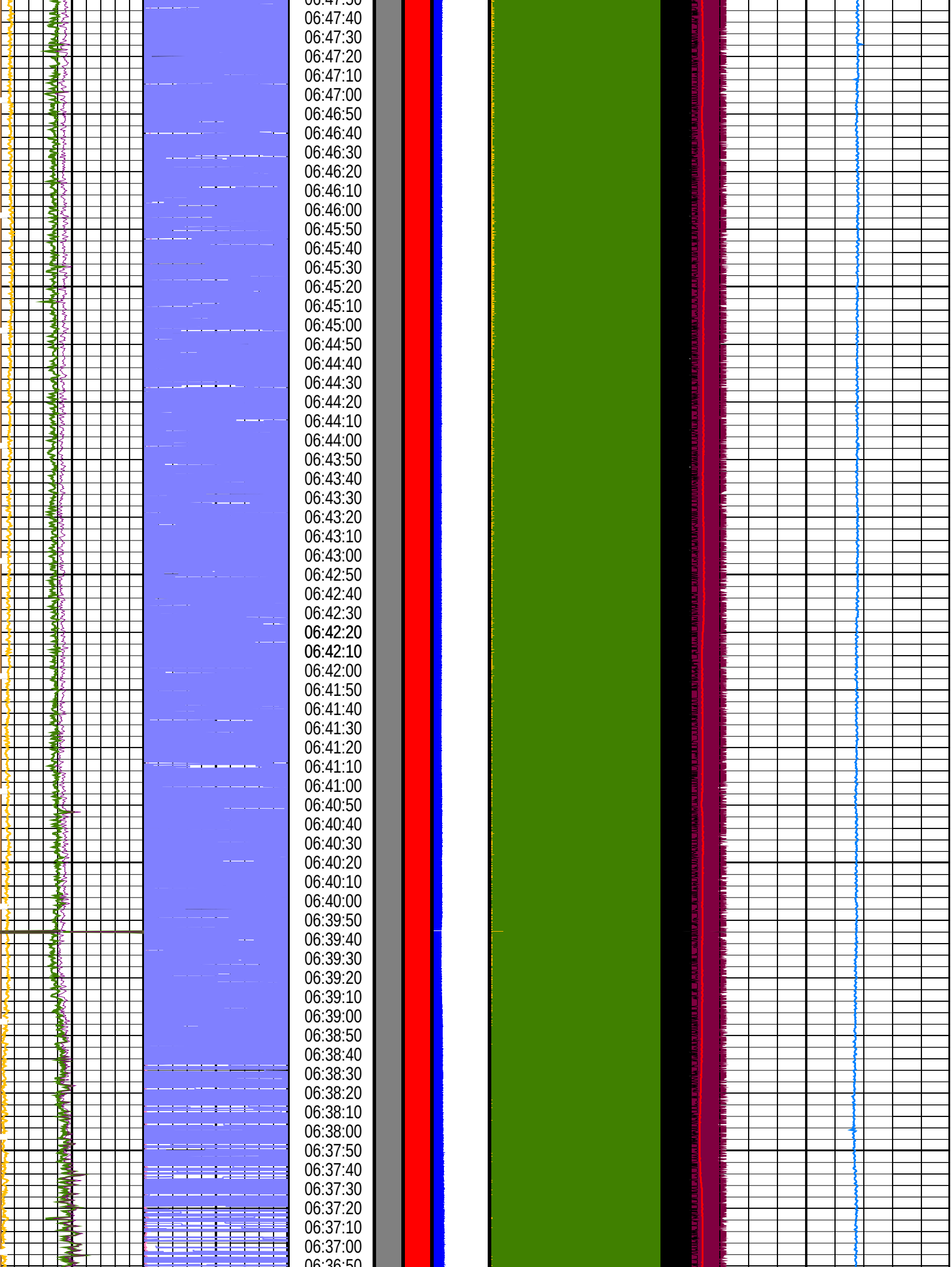

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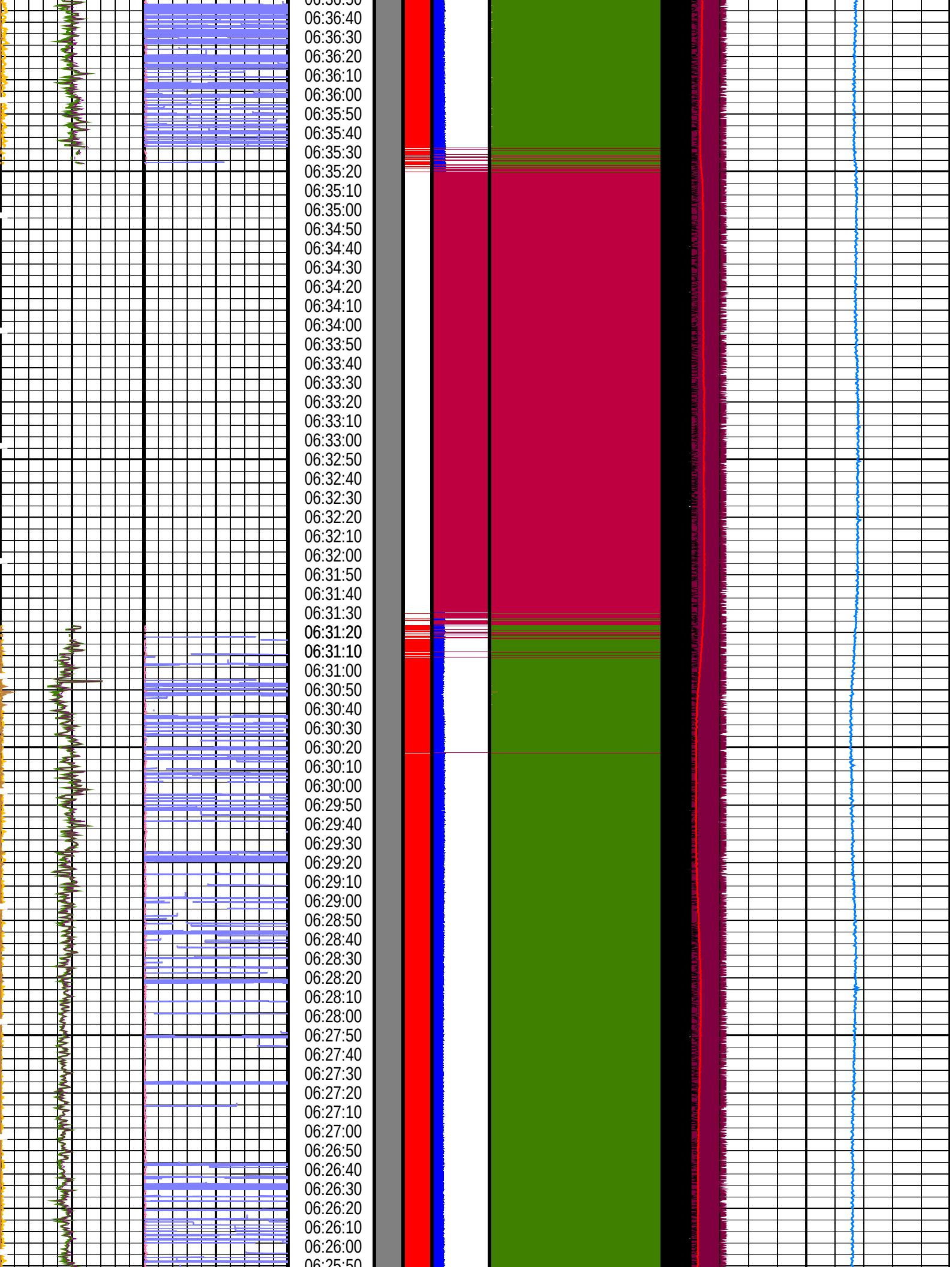

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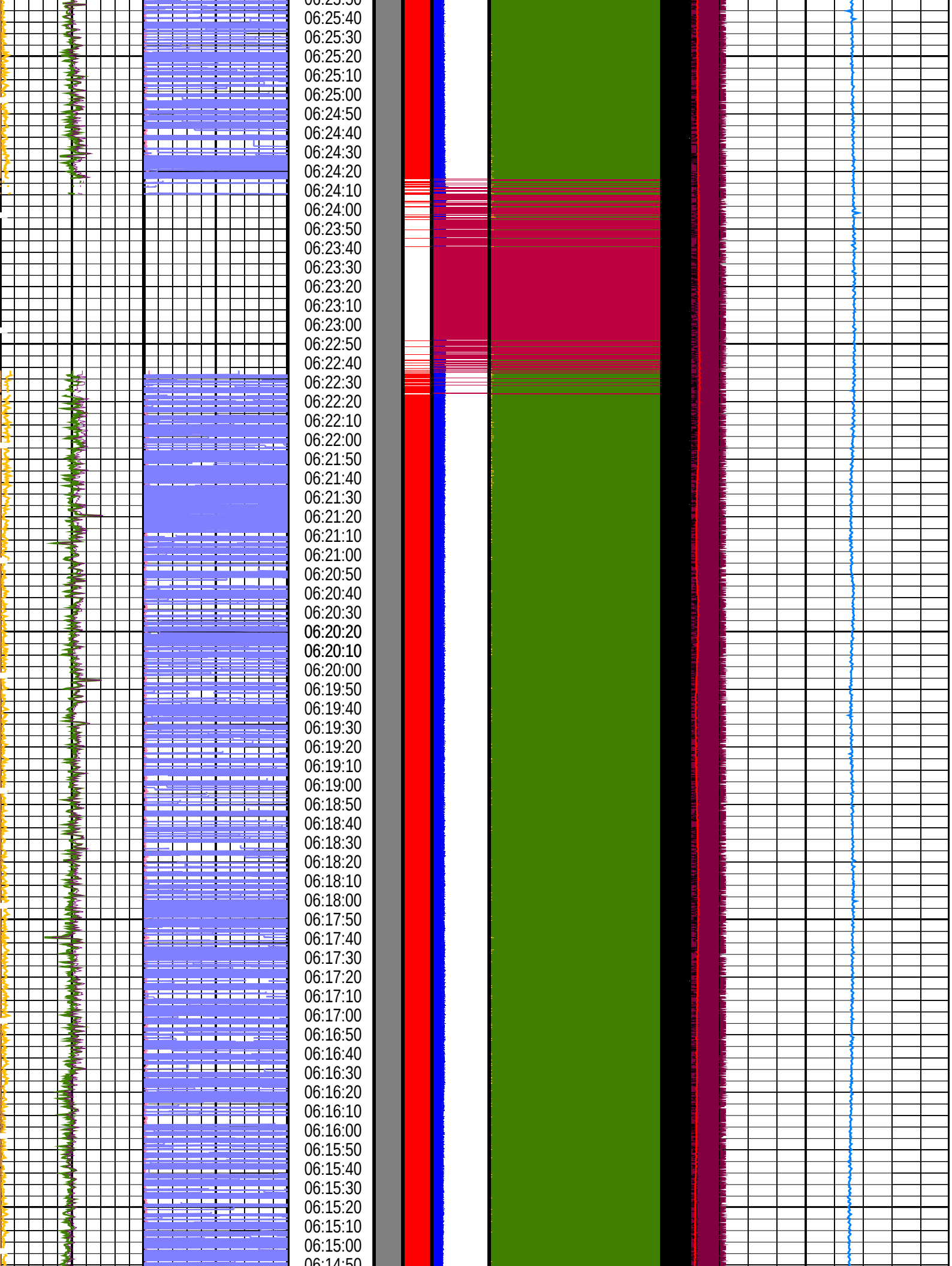

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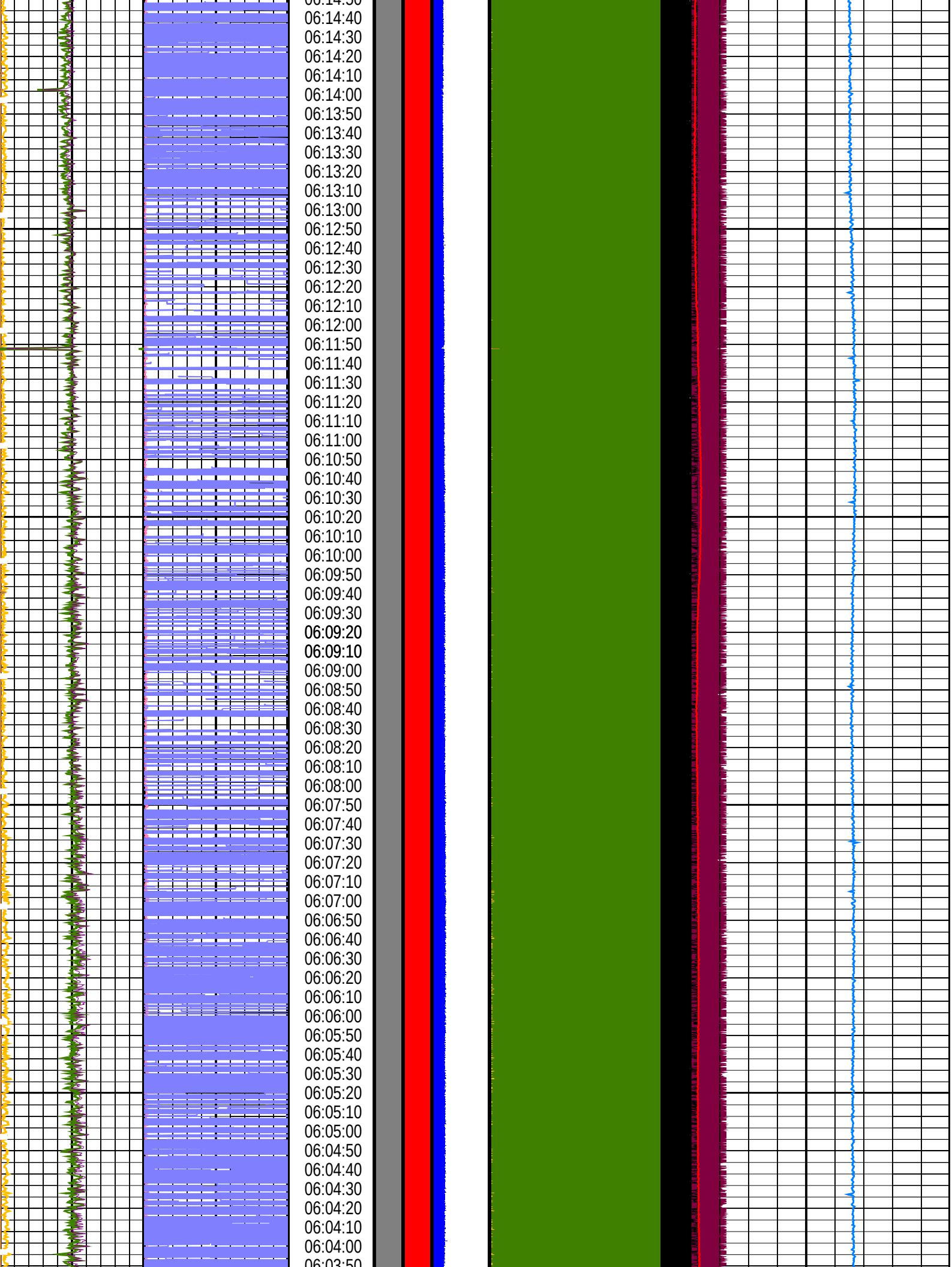

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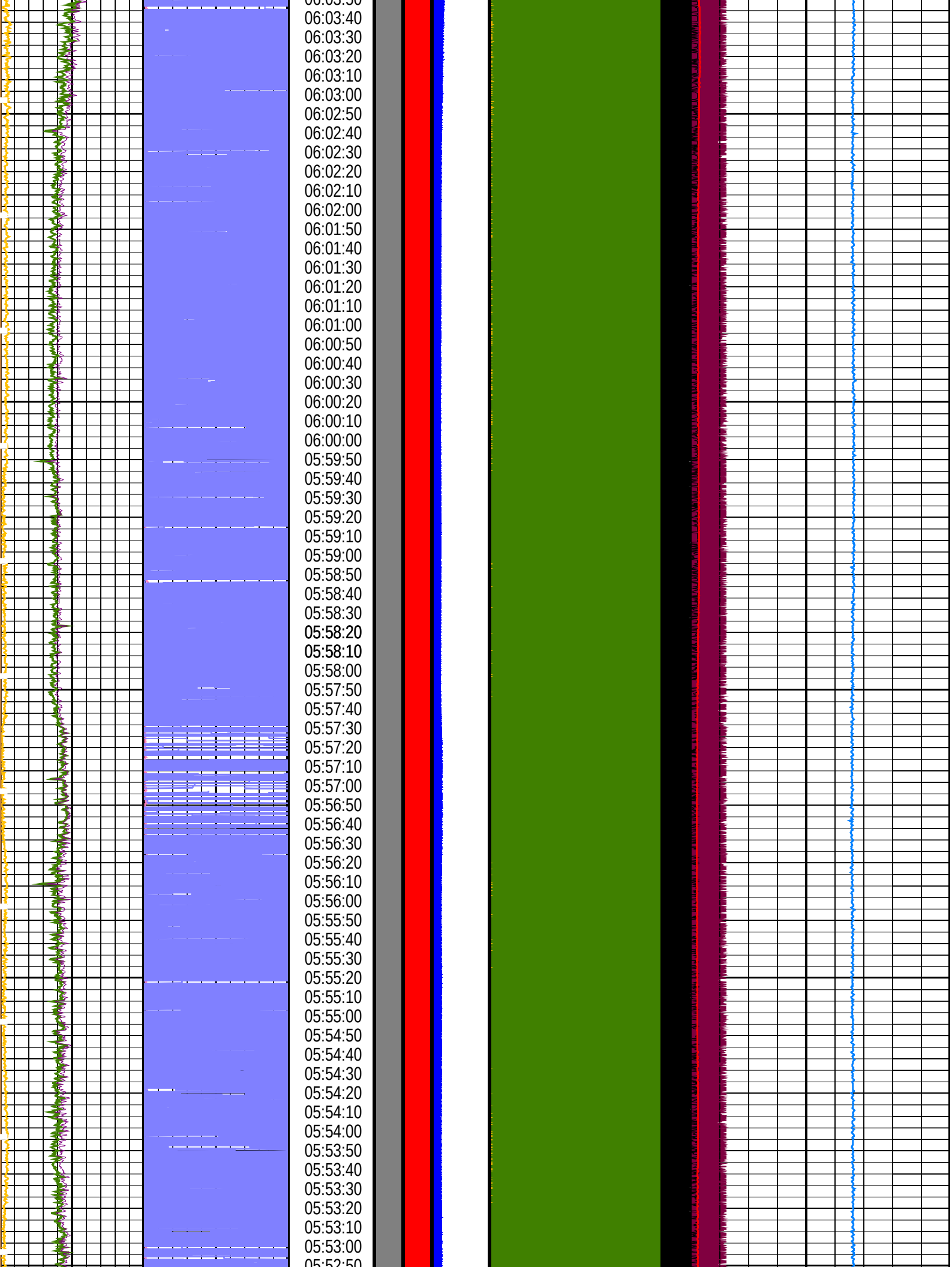

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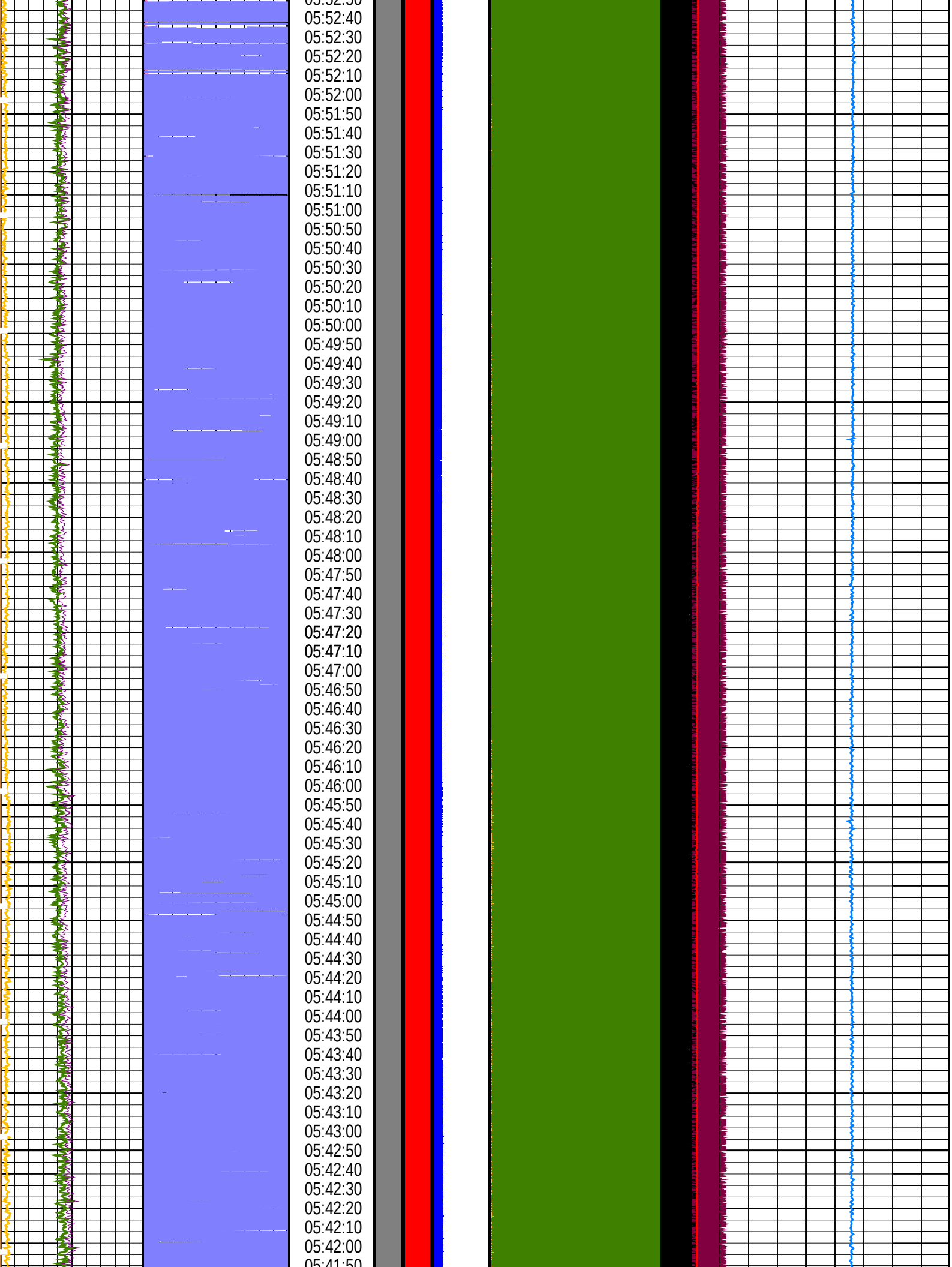

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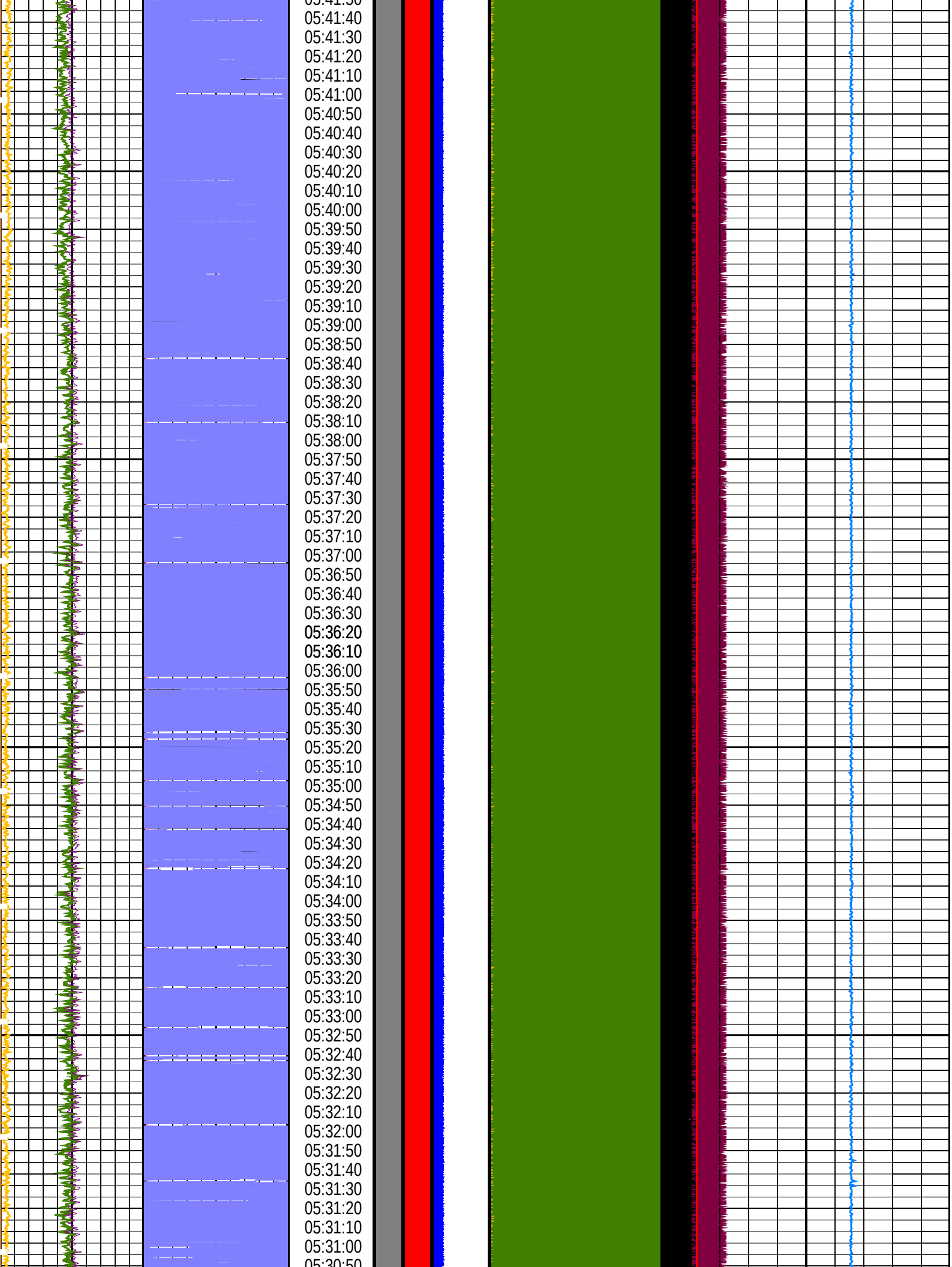

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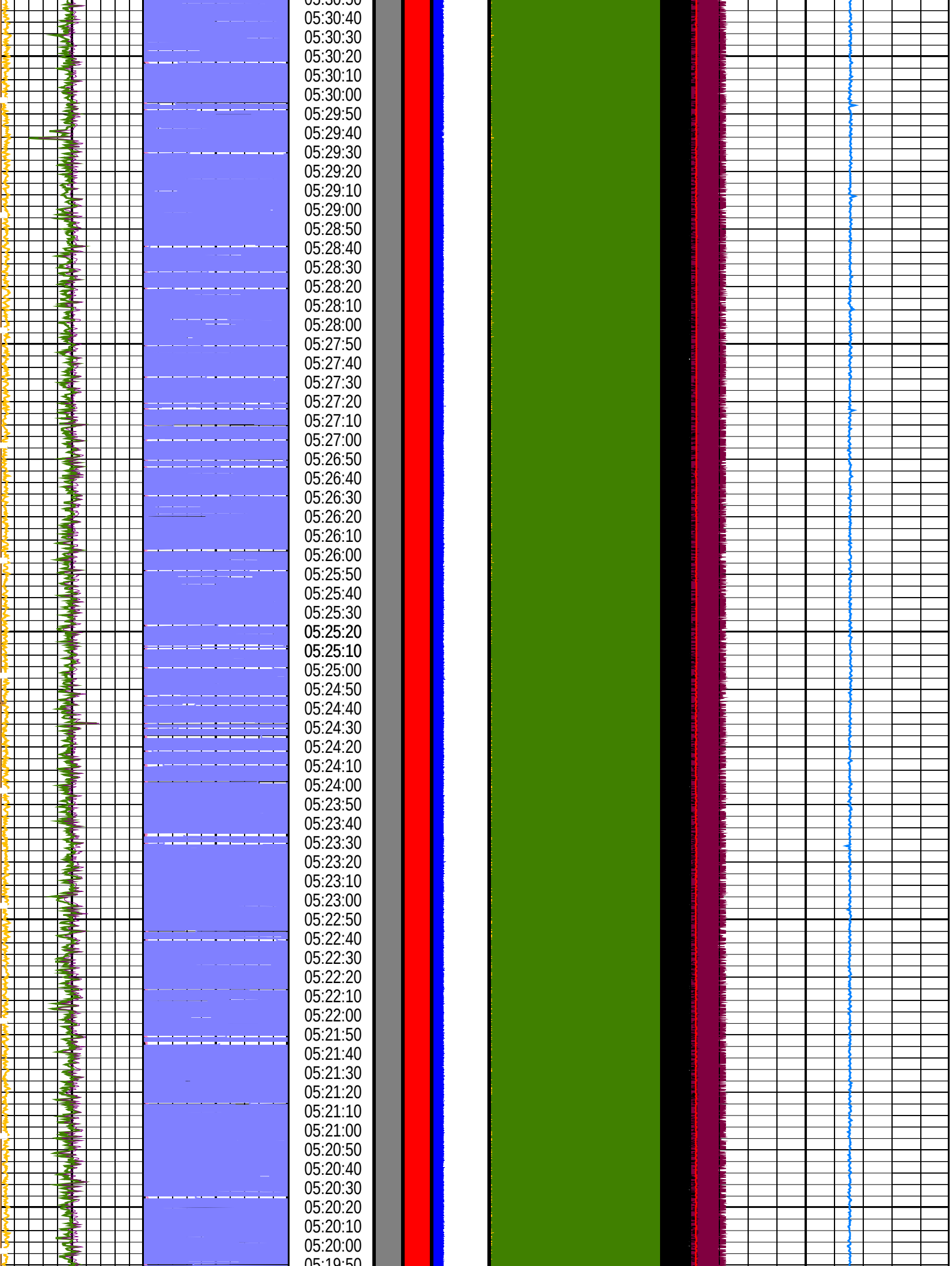

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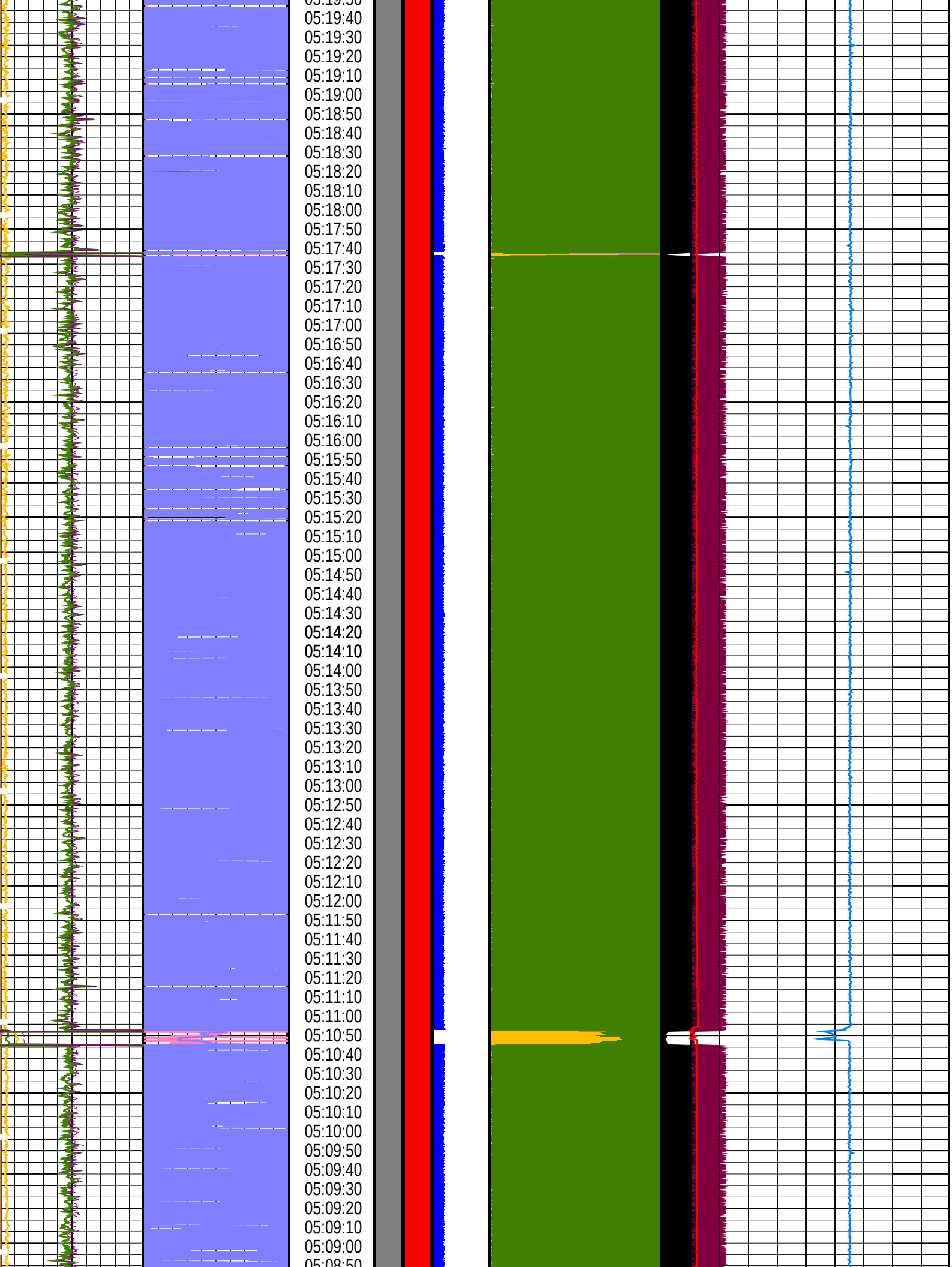

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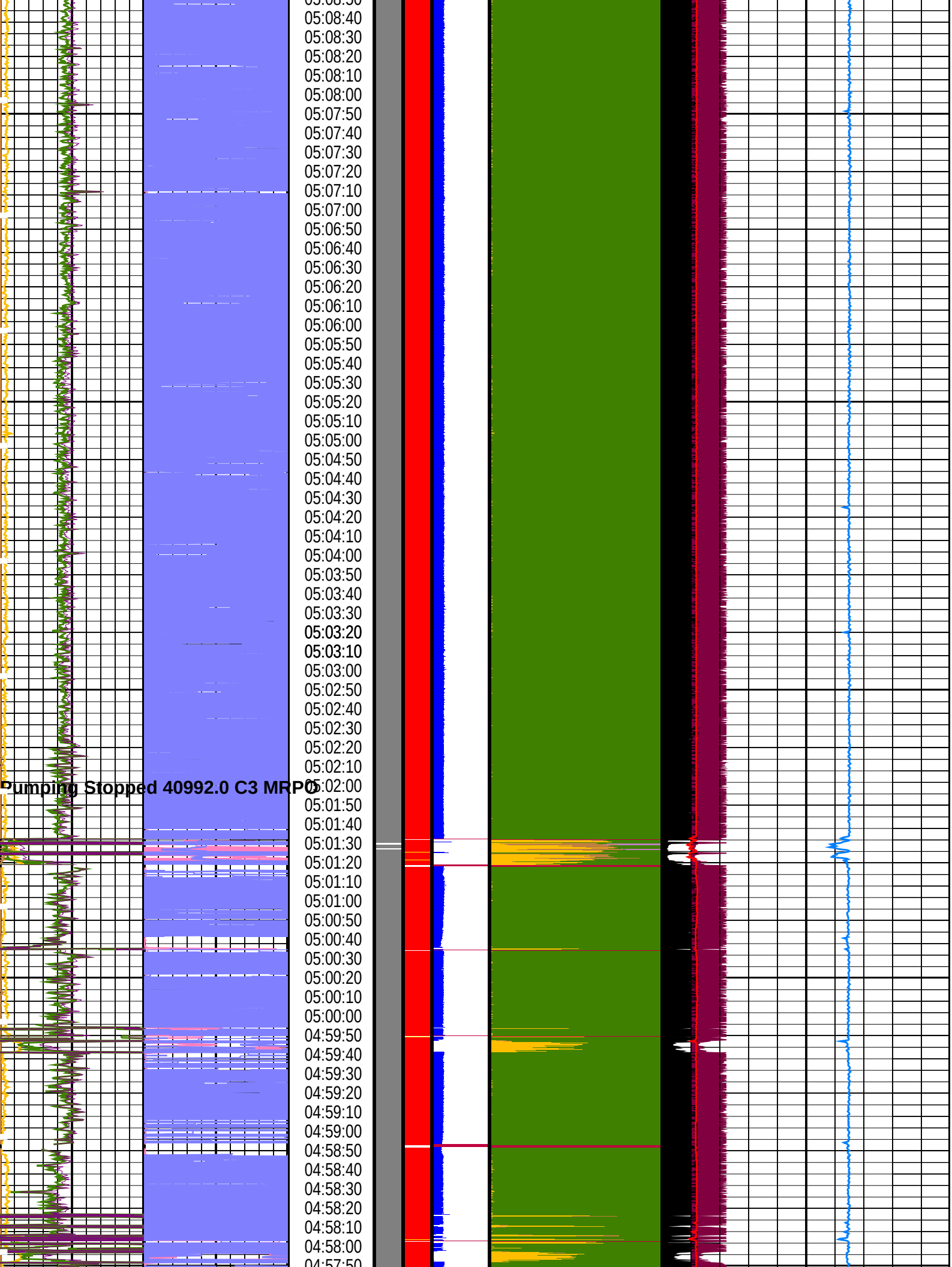

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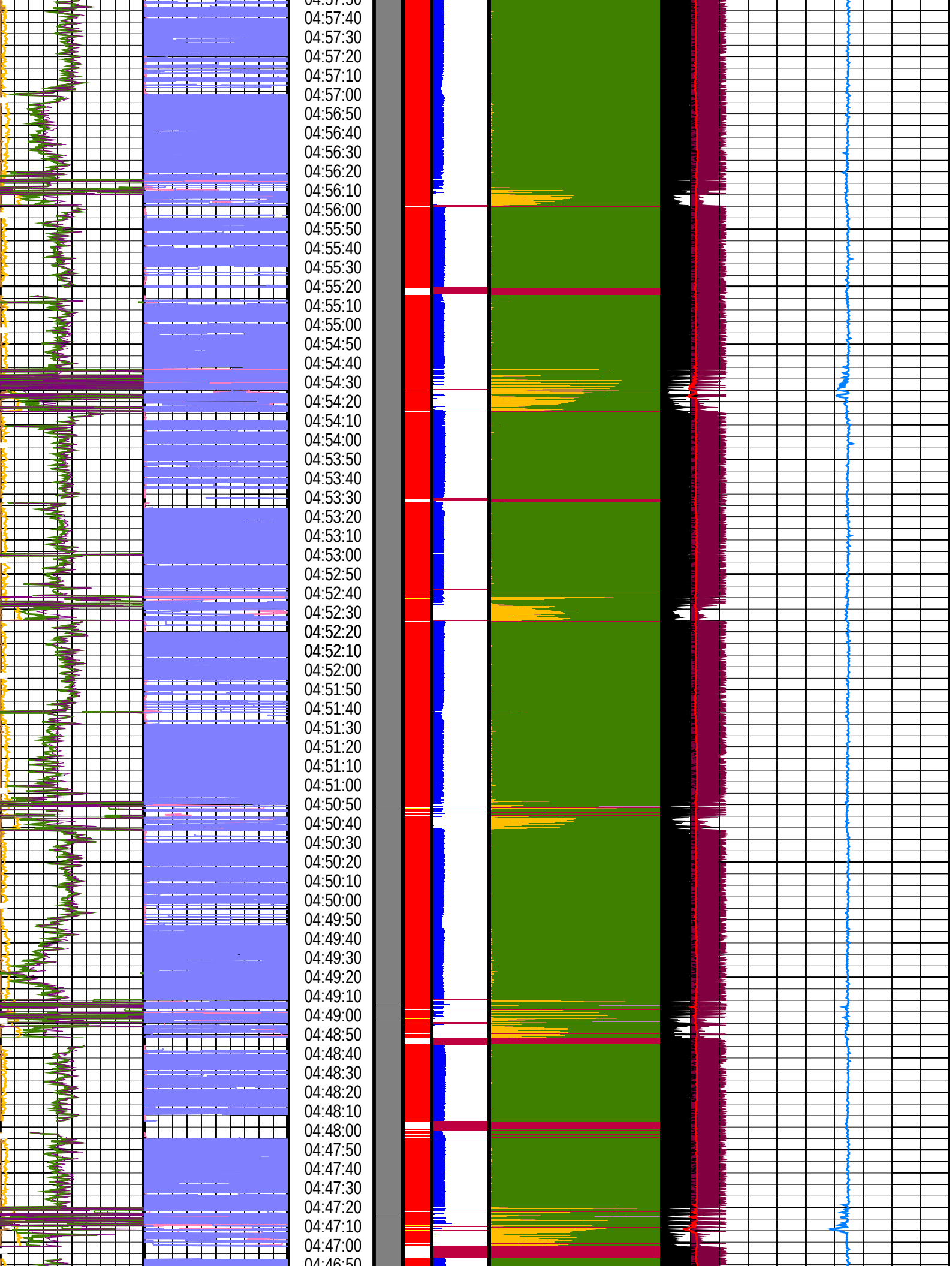

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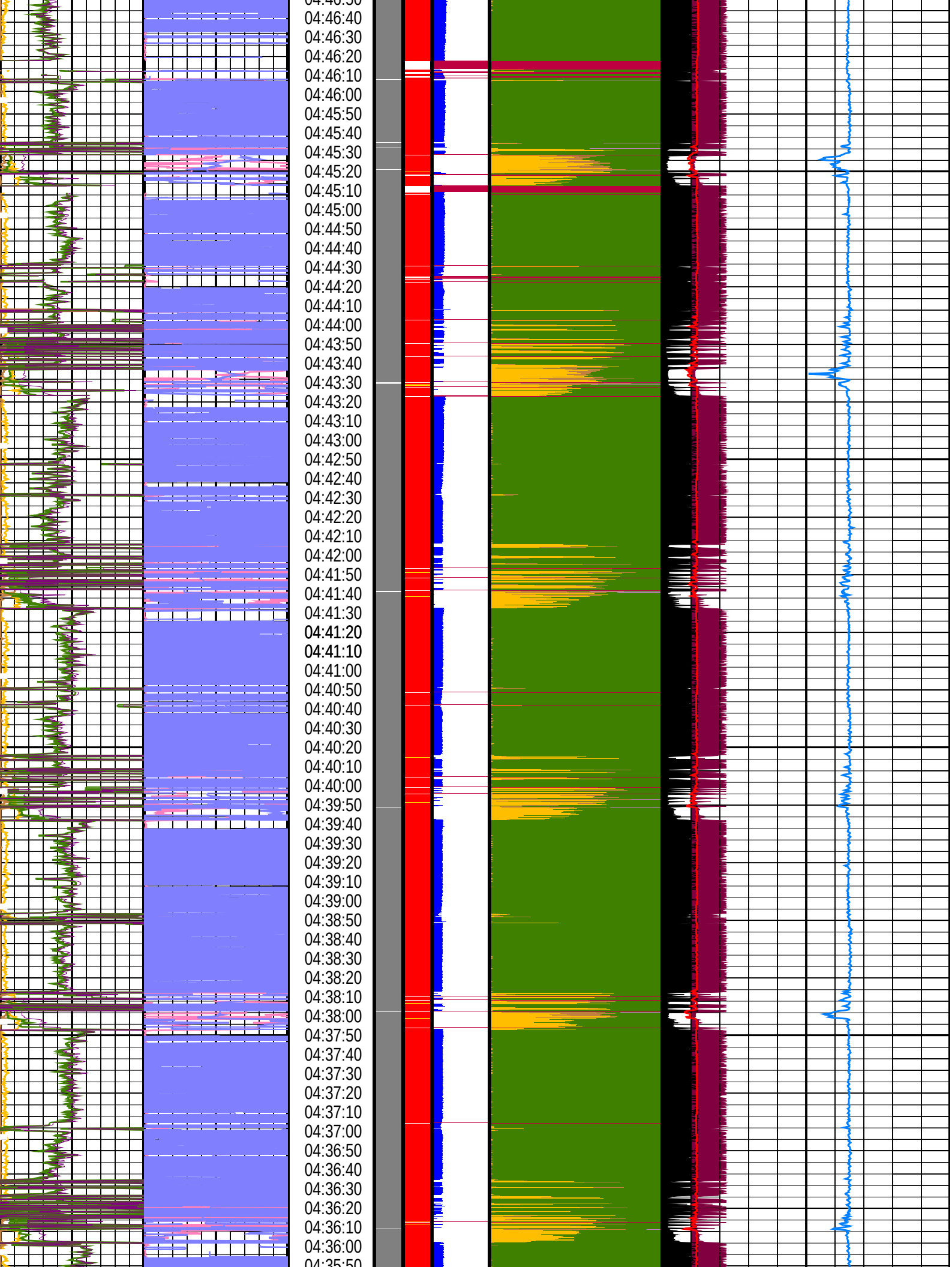

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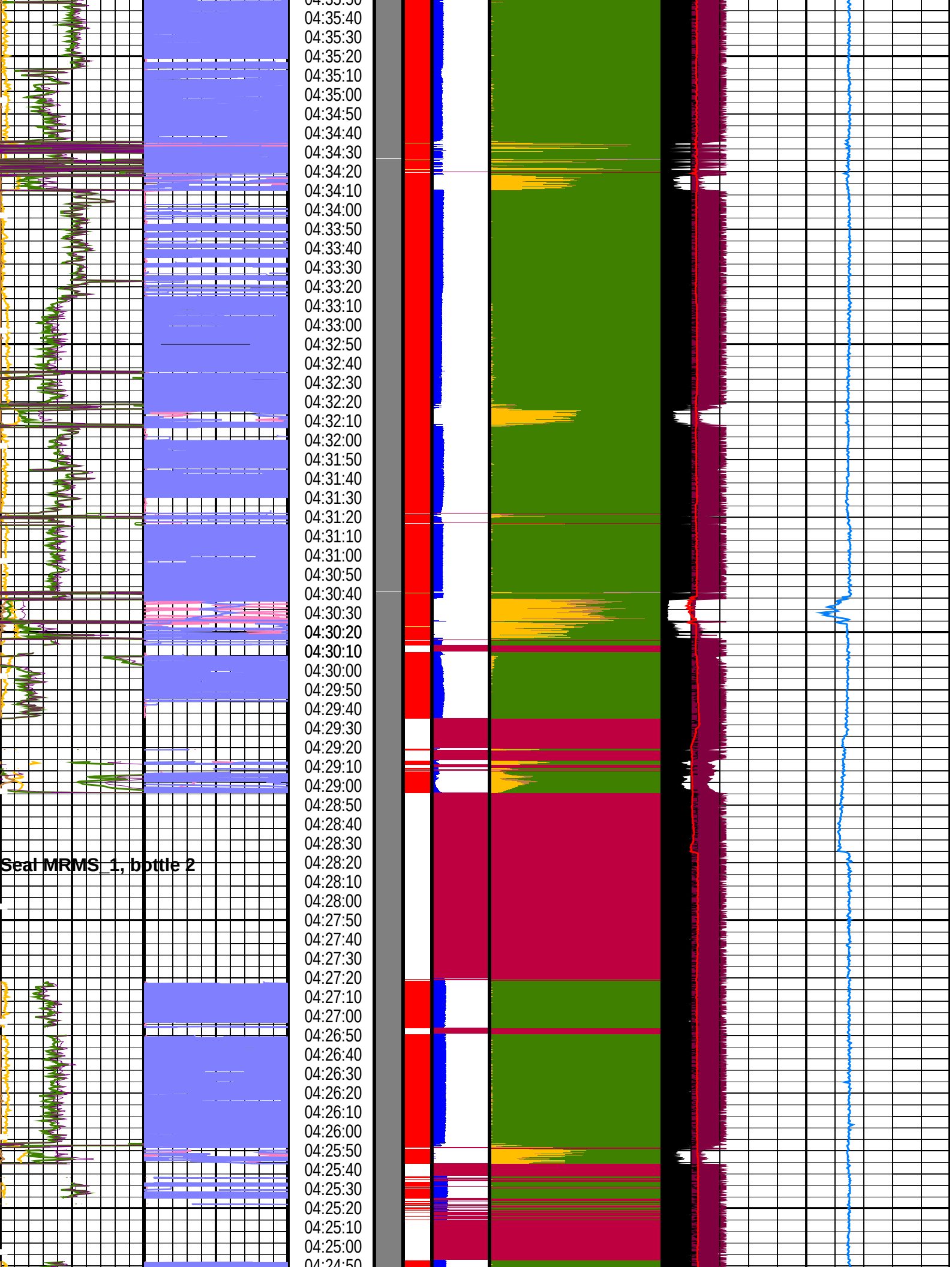

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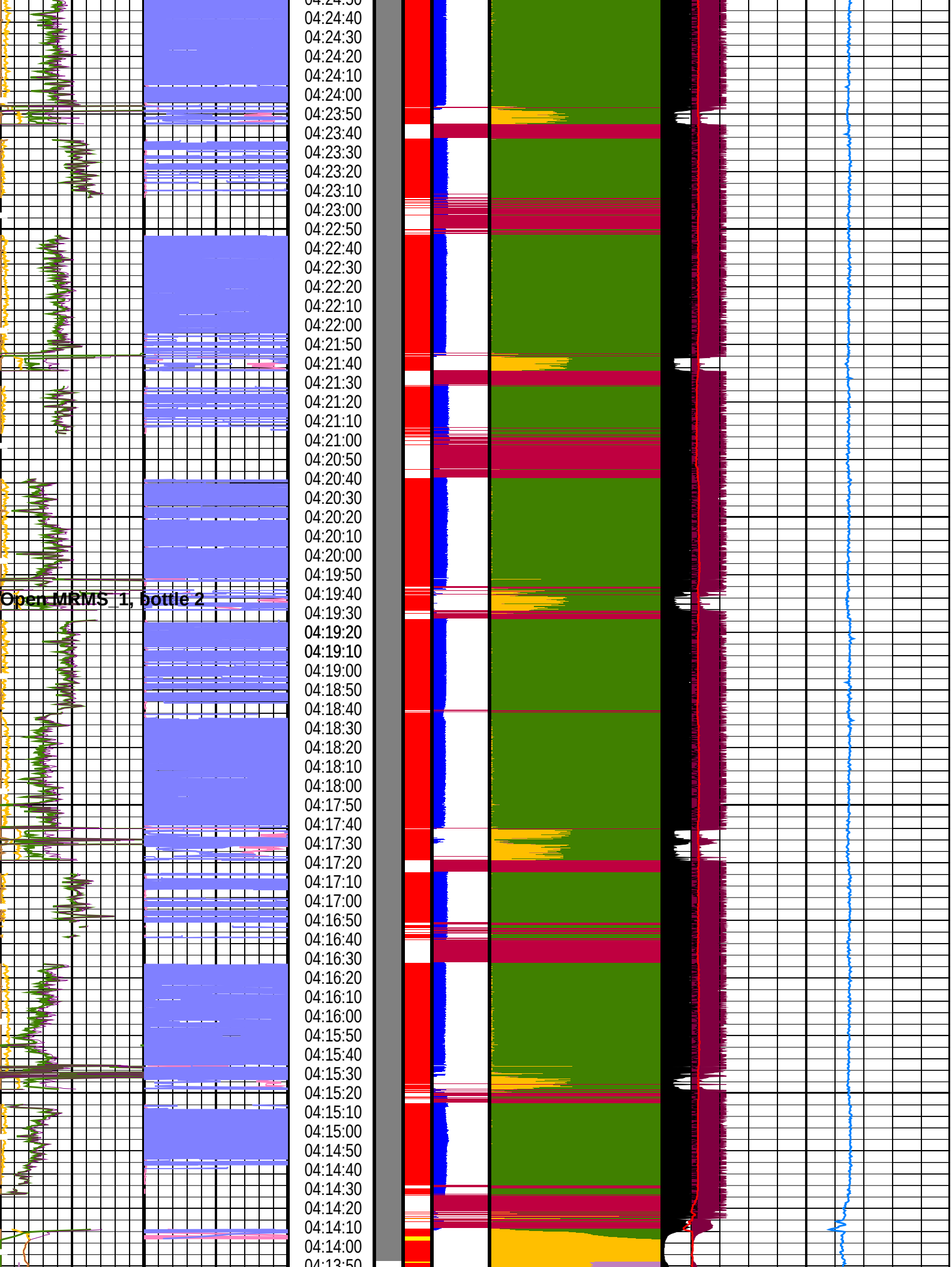

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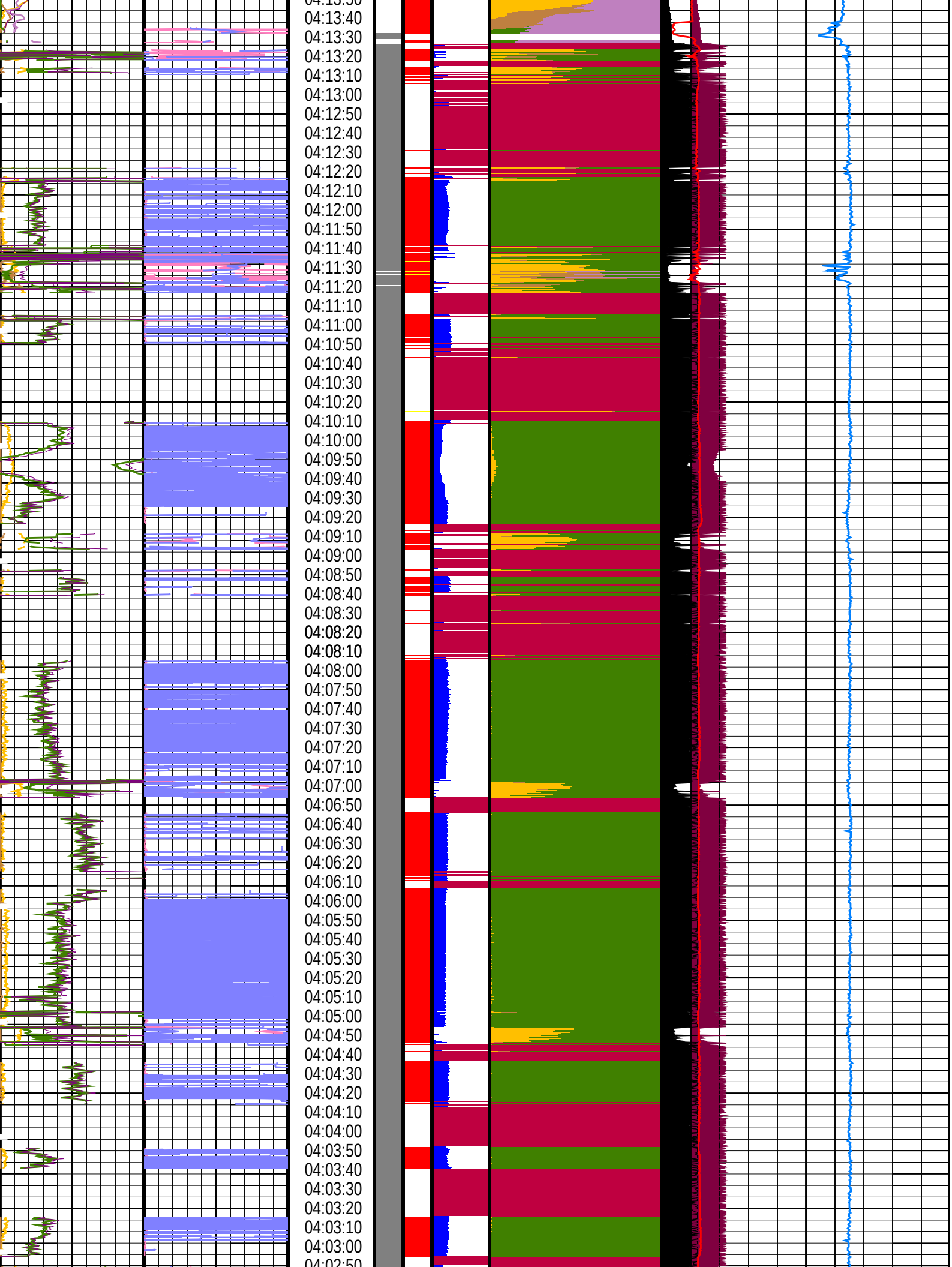

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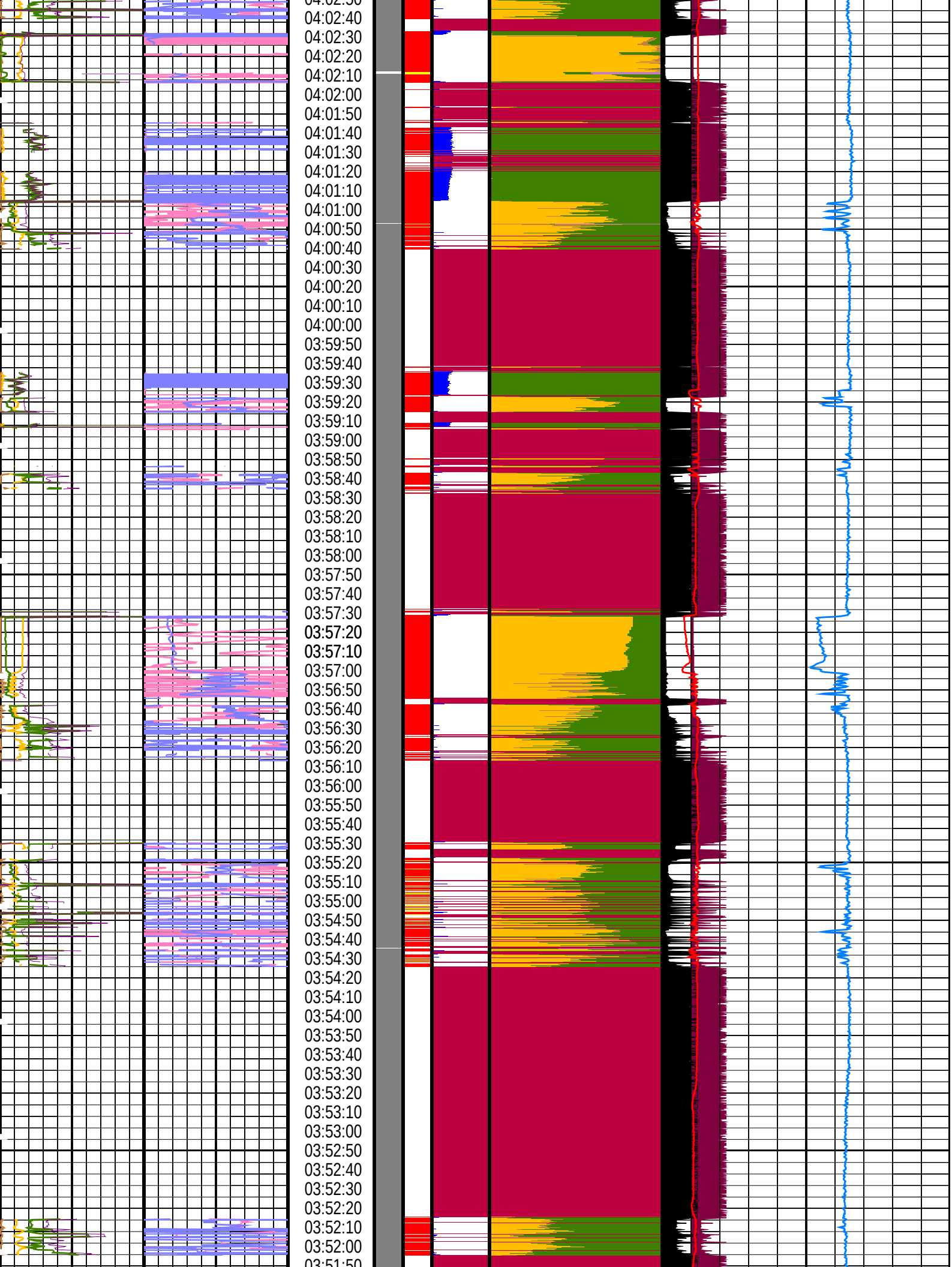

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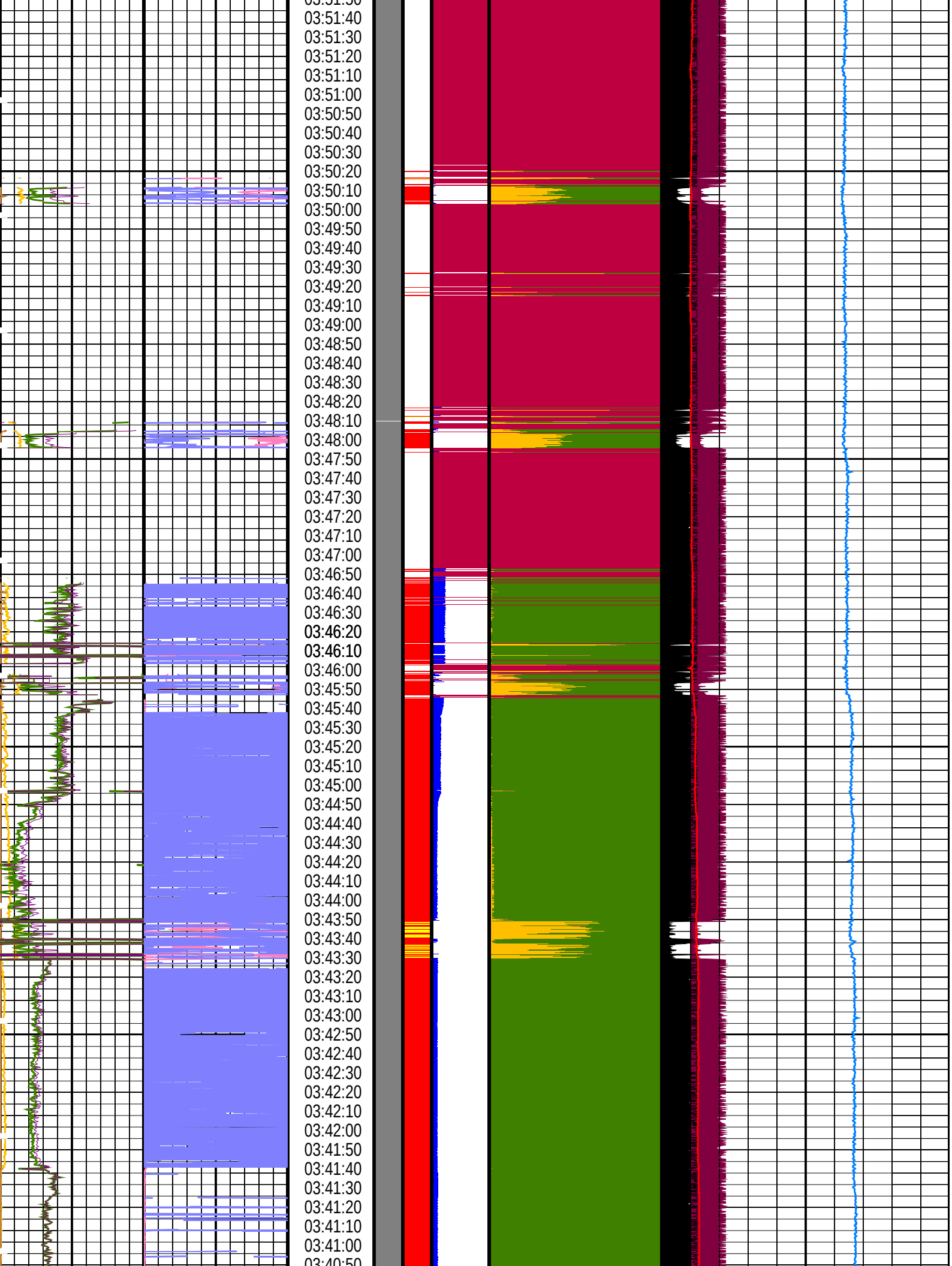

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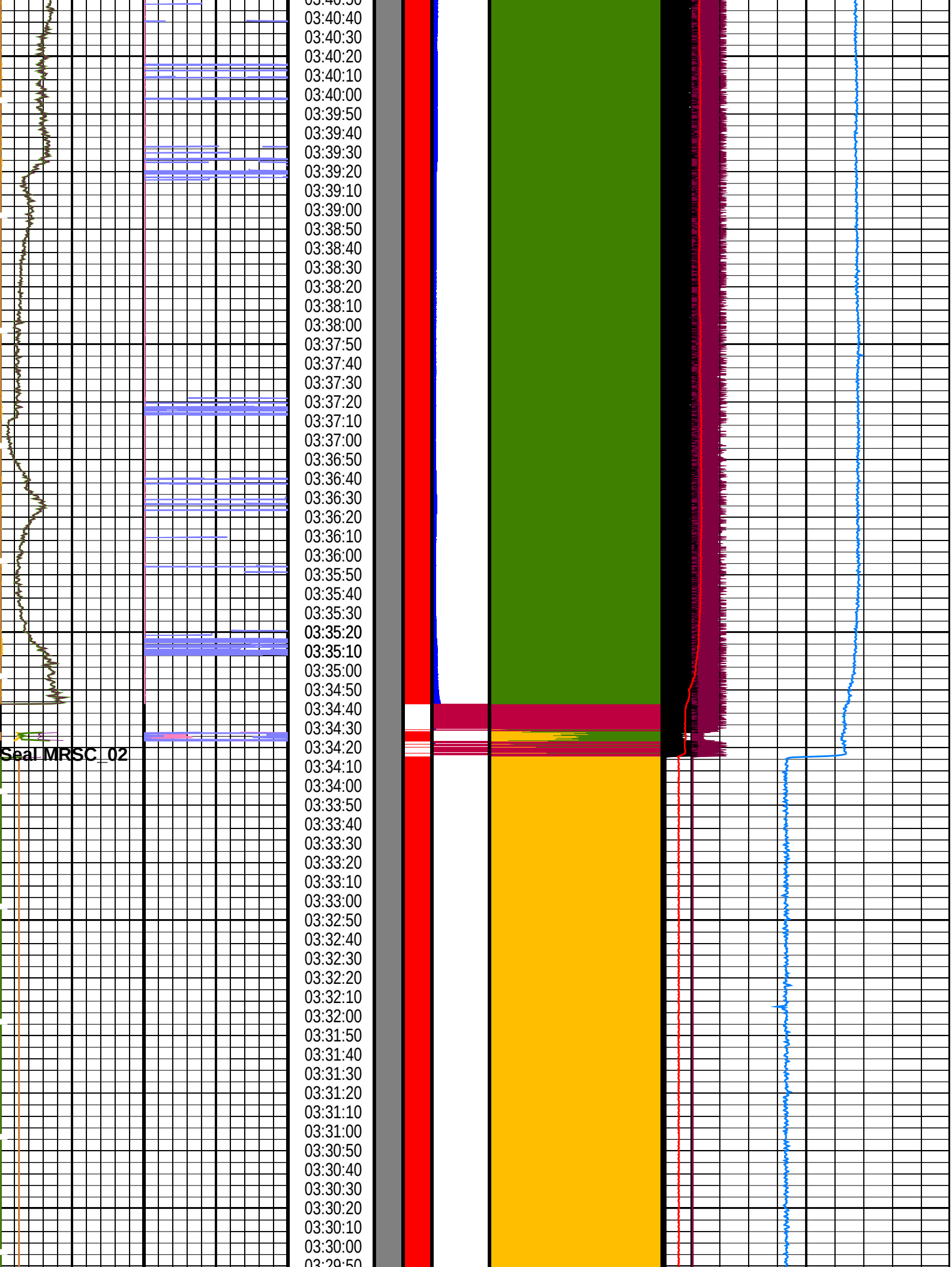

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Seal MRMS_1, bottle 2

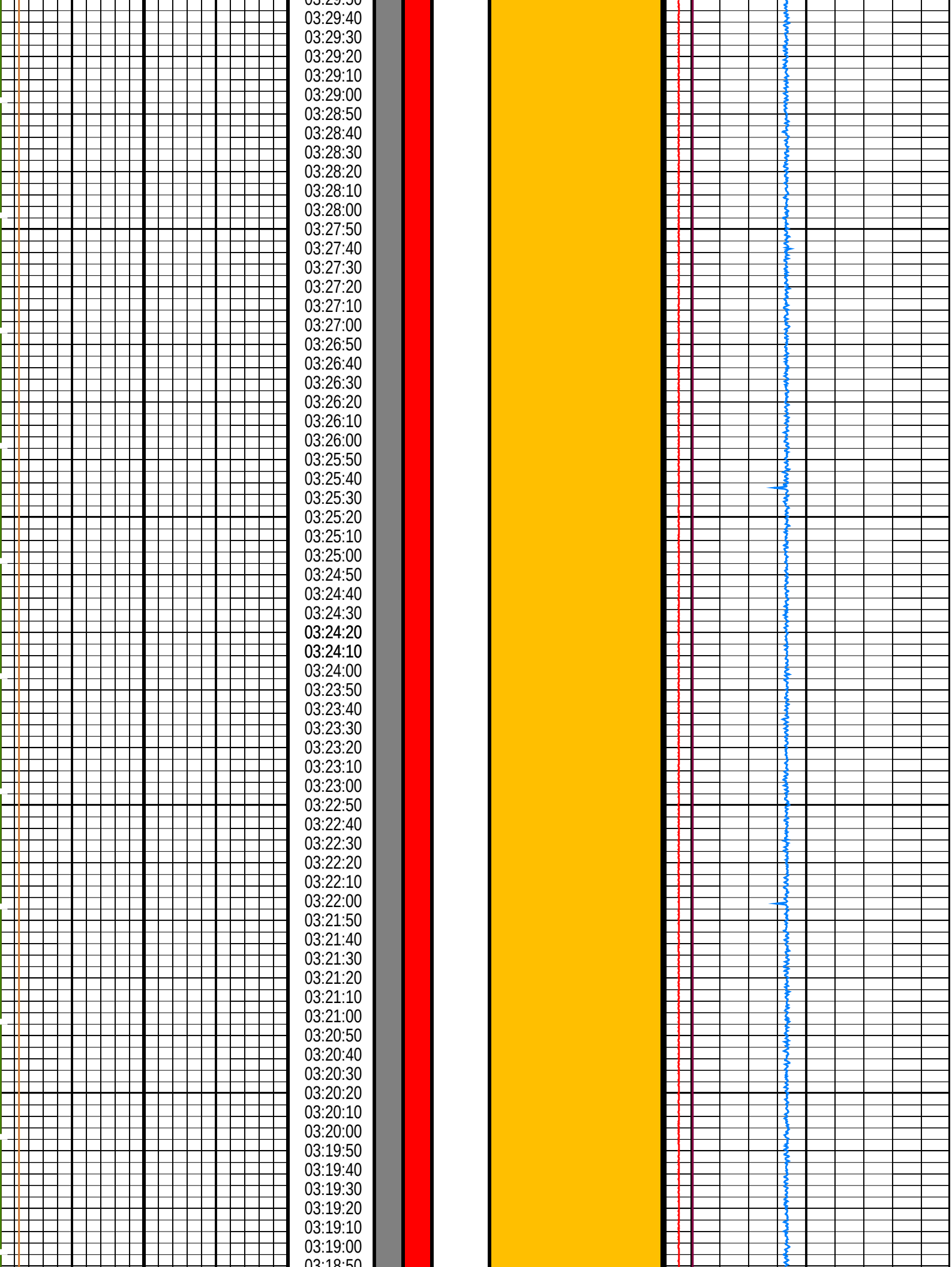

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Open MRMS_1, bottle 2
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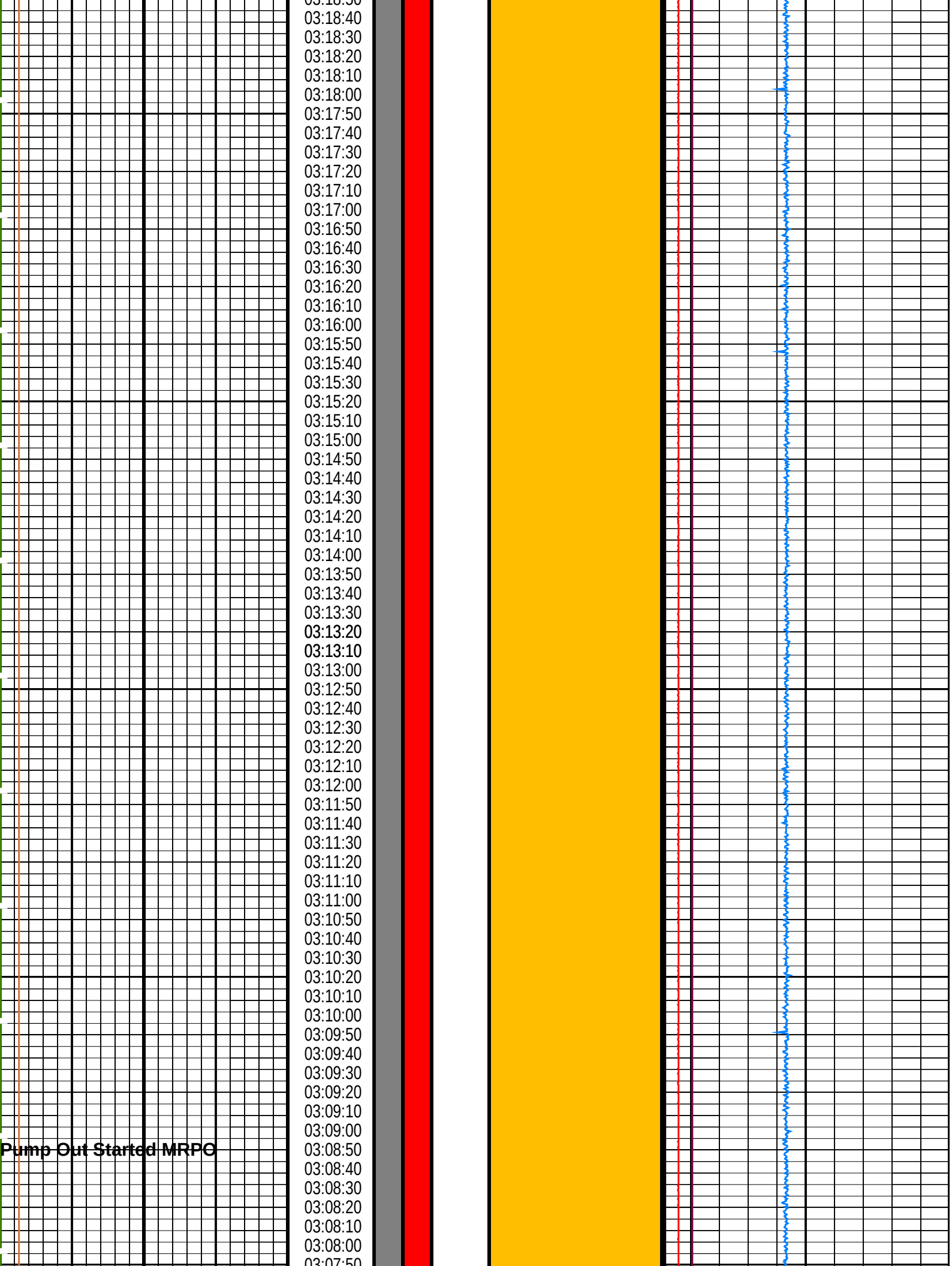

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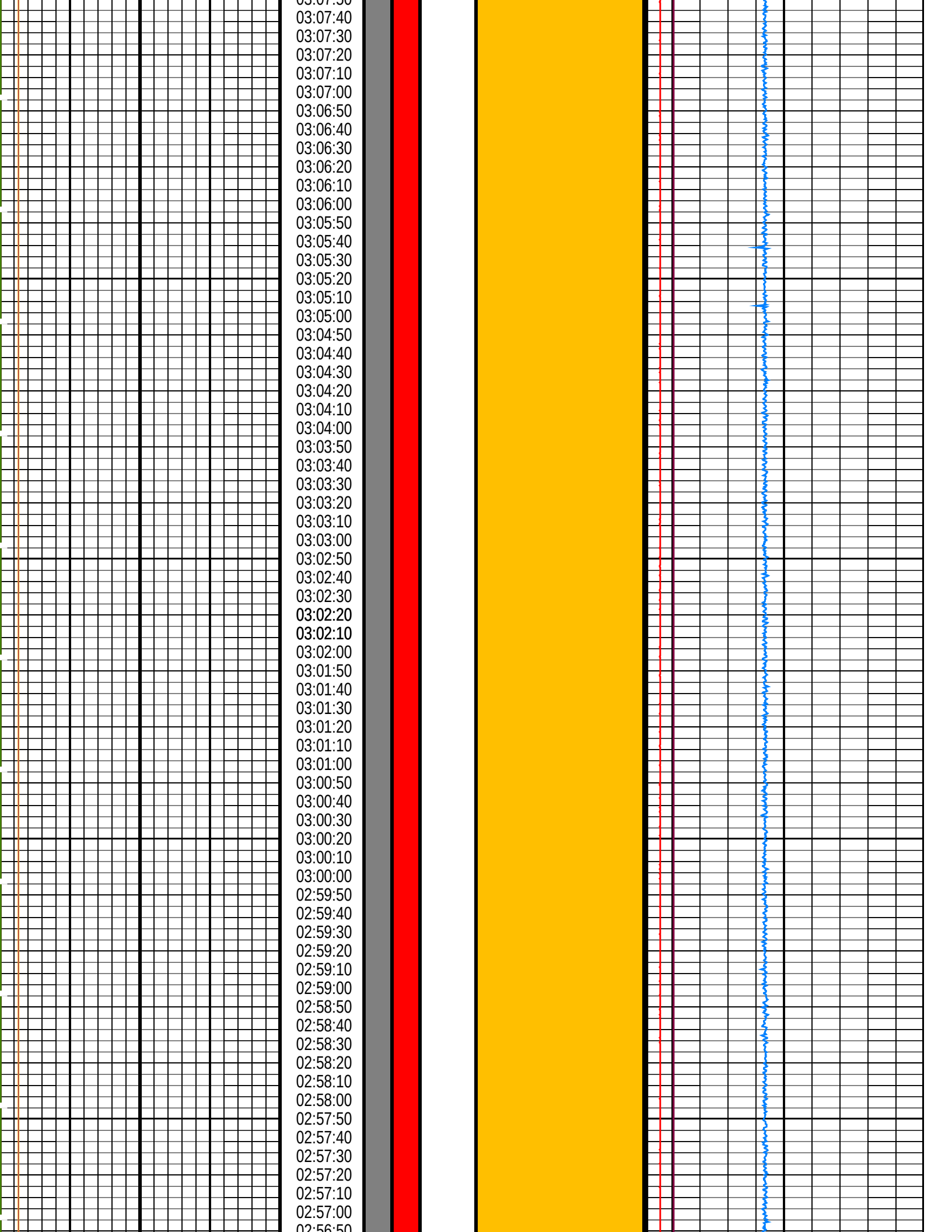

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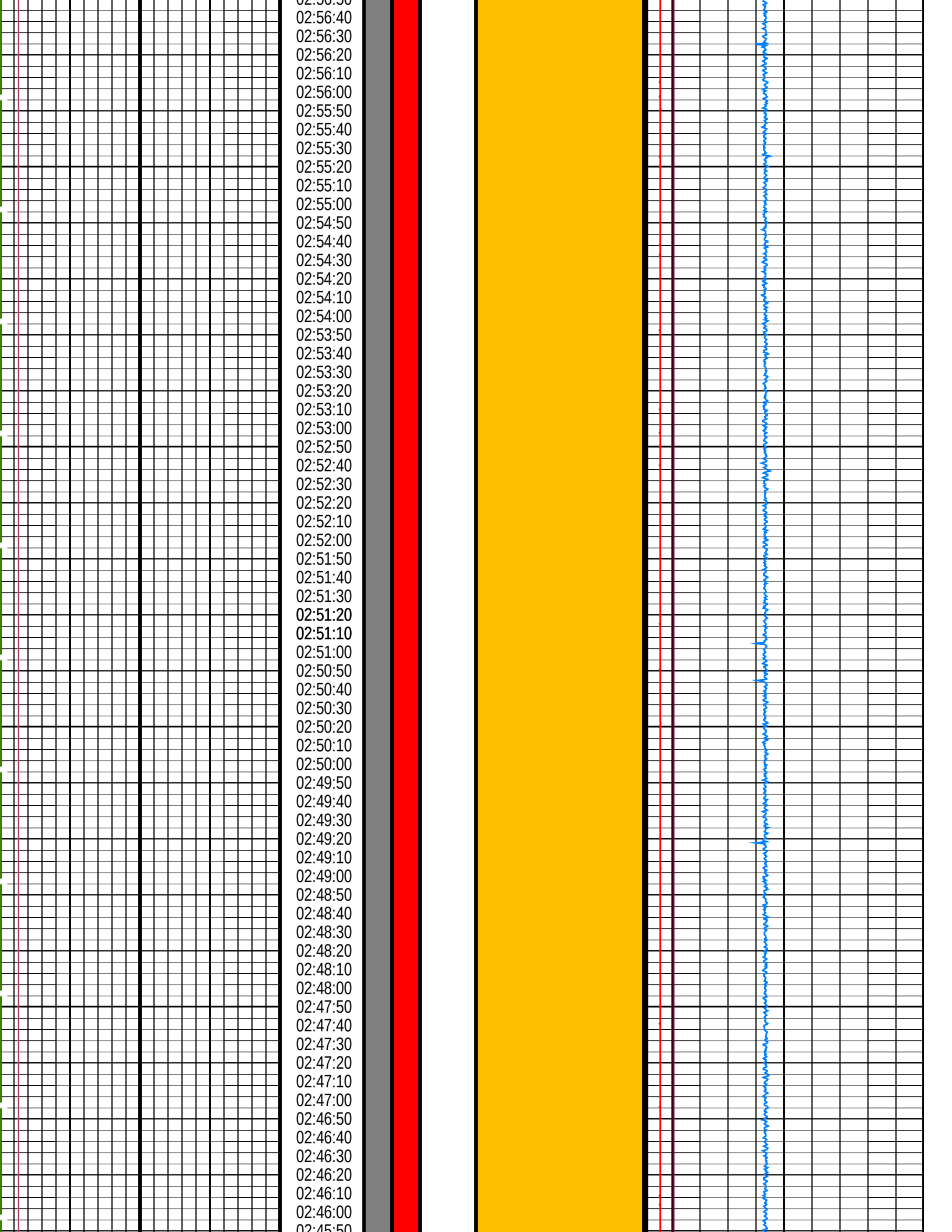

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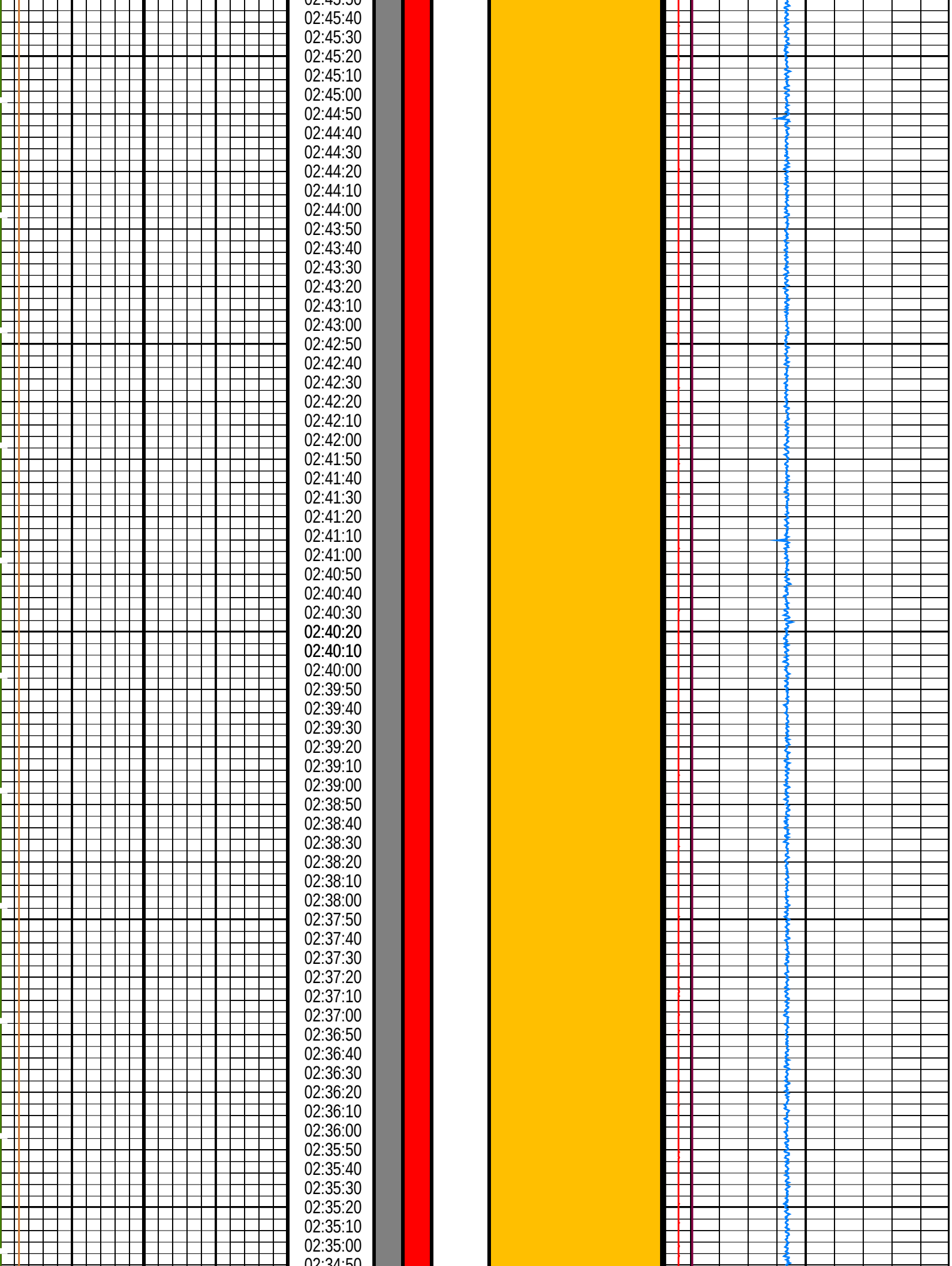

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Seal MRSC_02

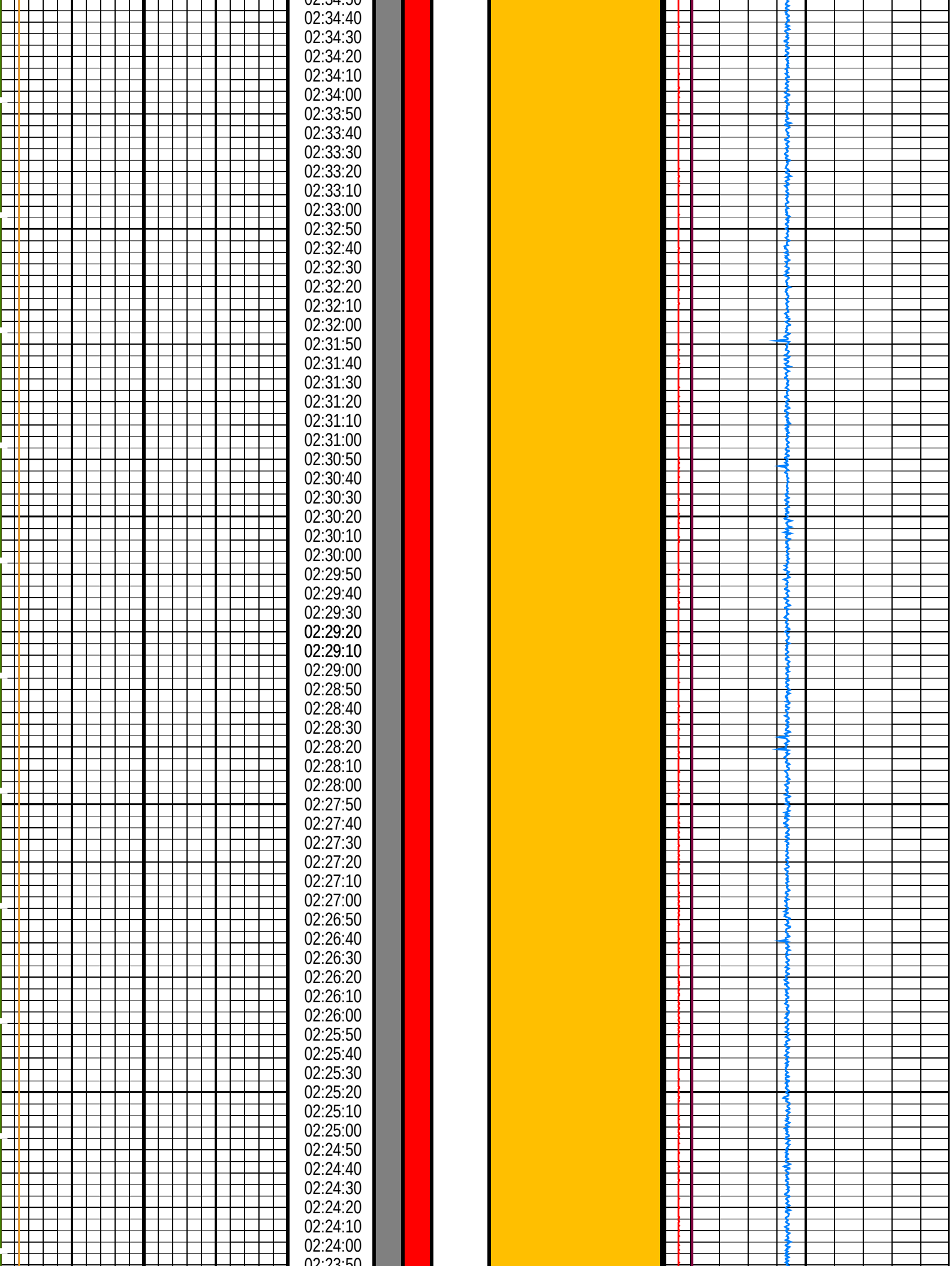

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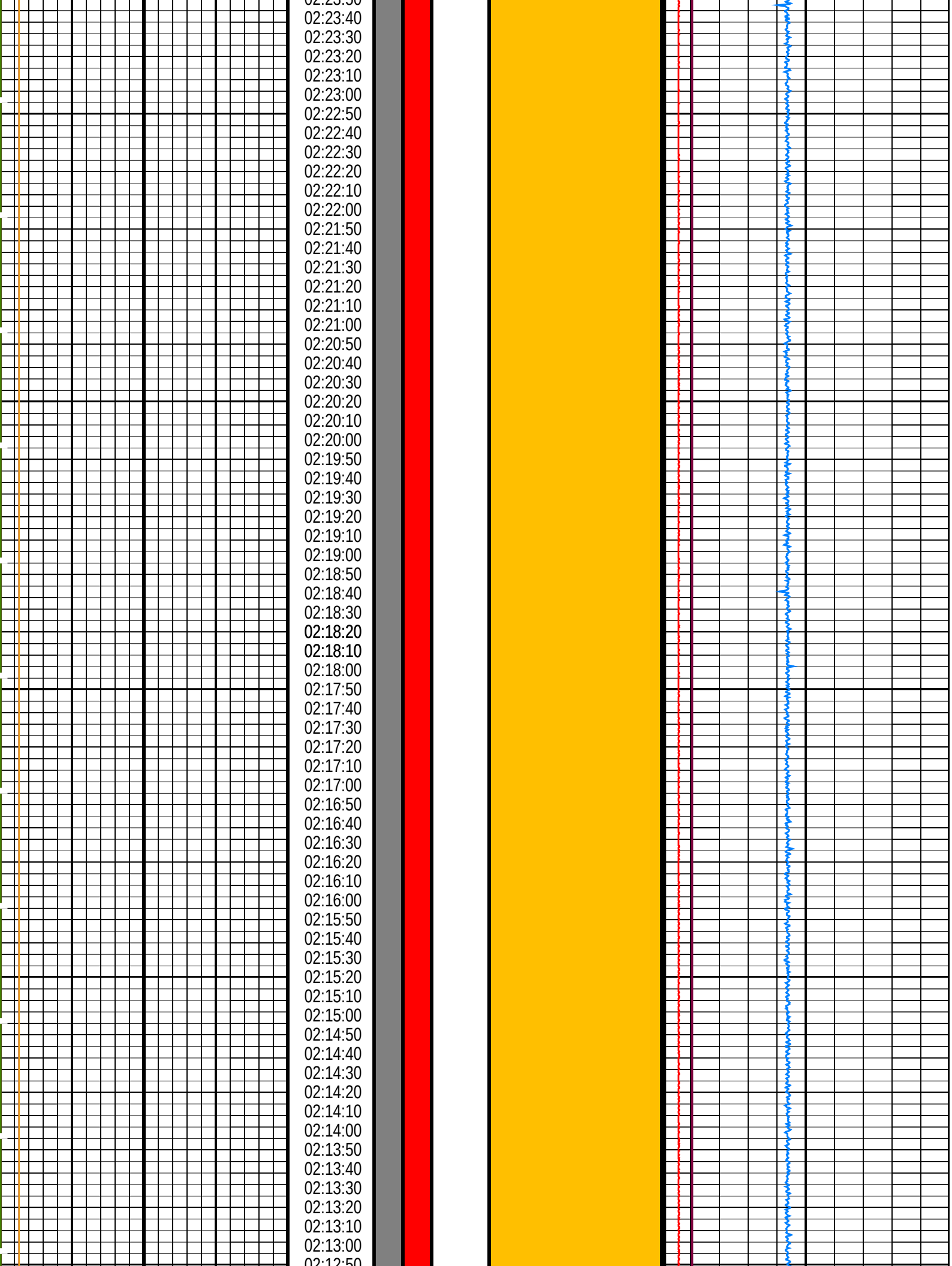

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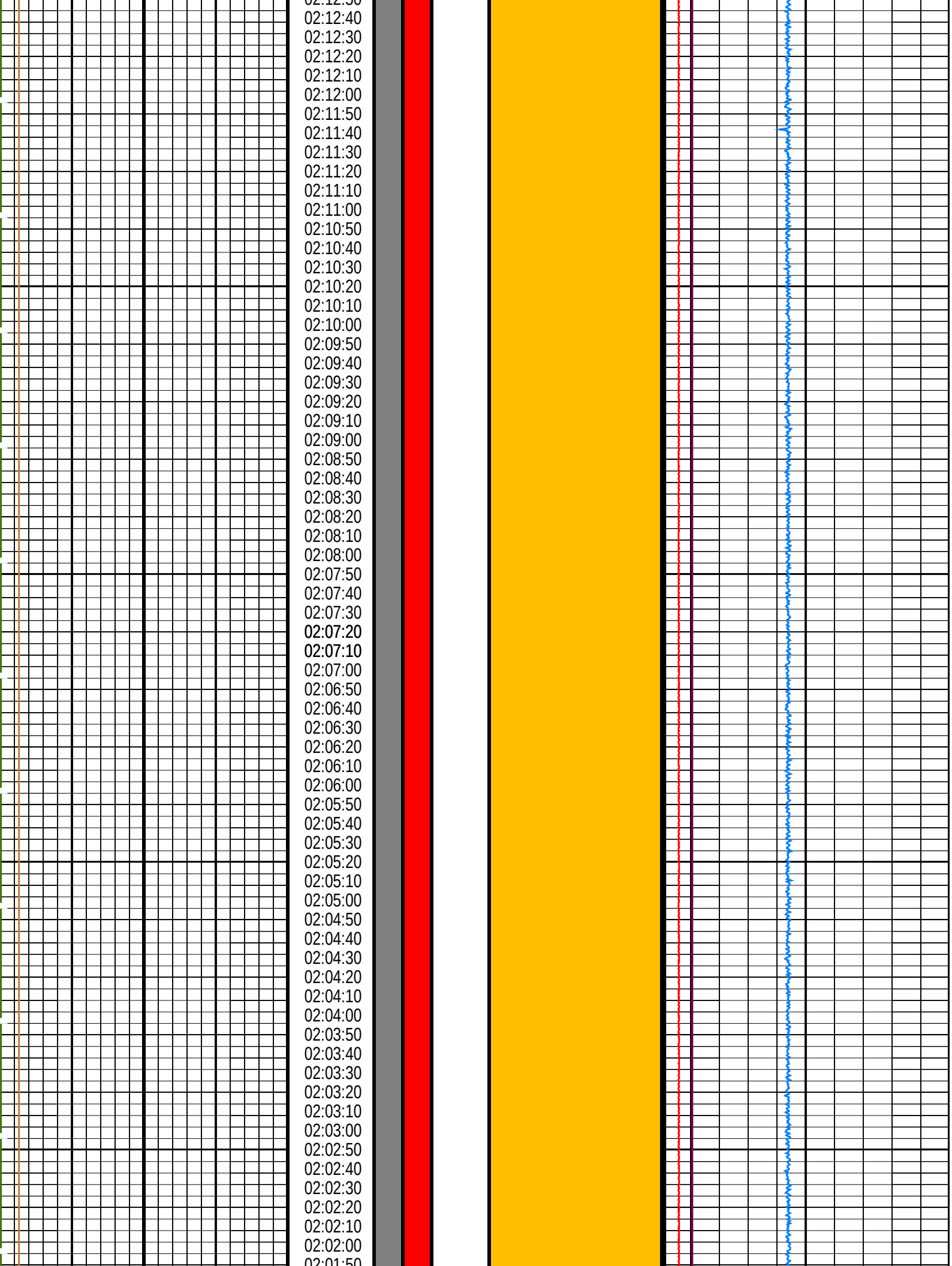

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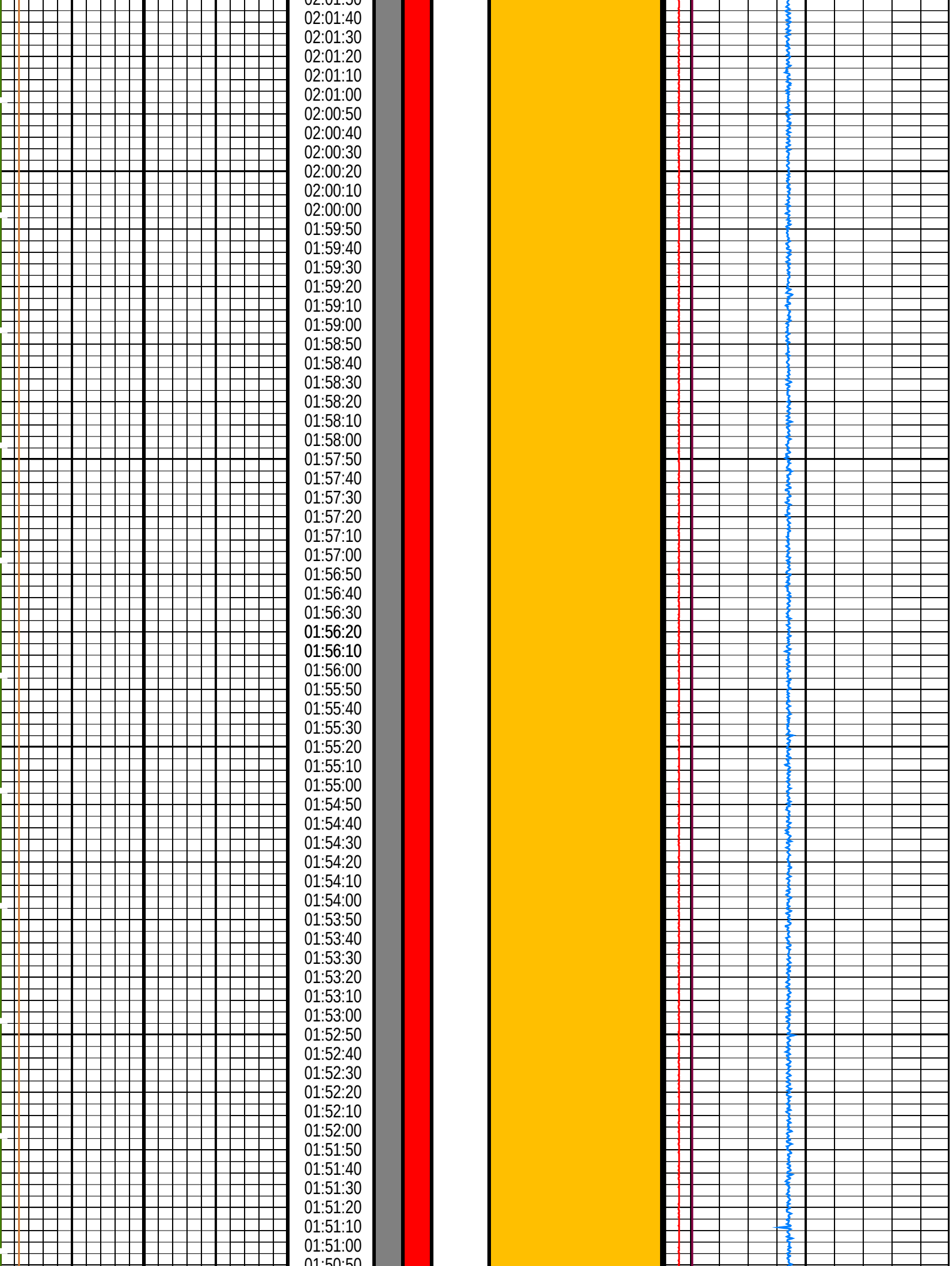

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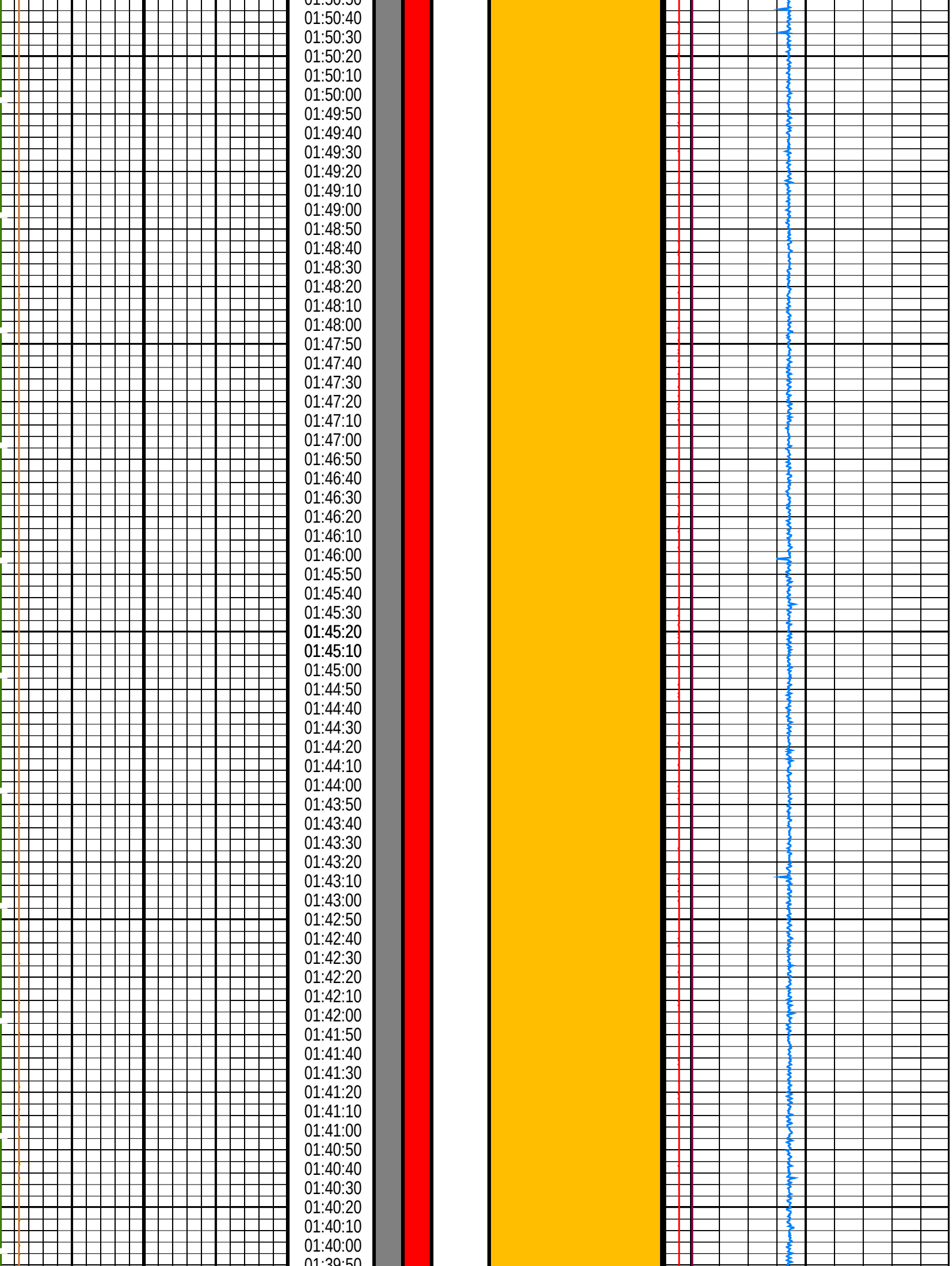

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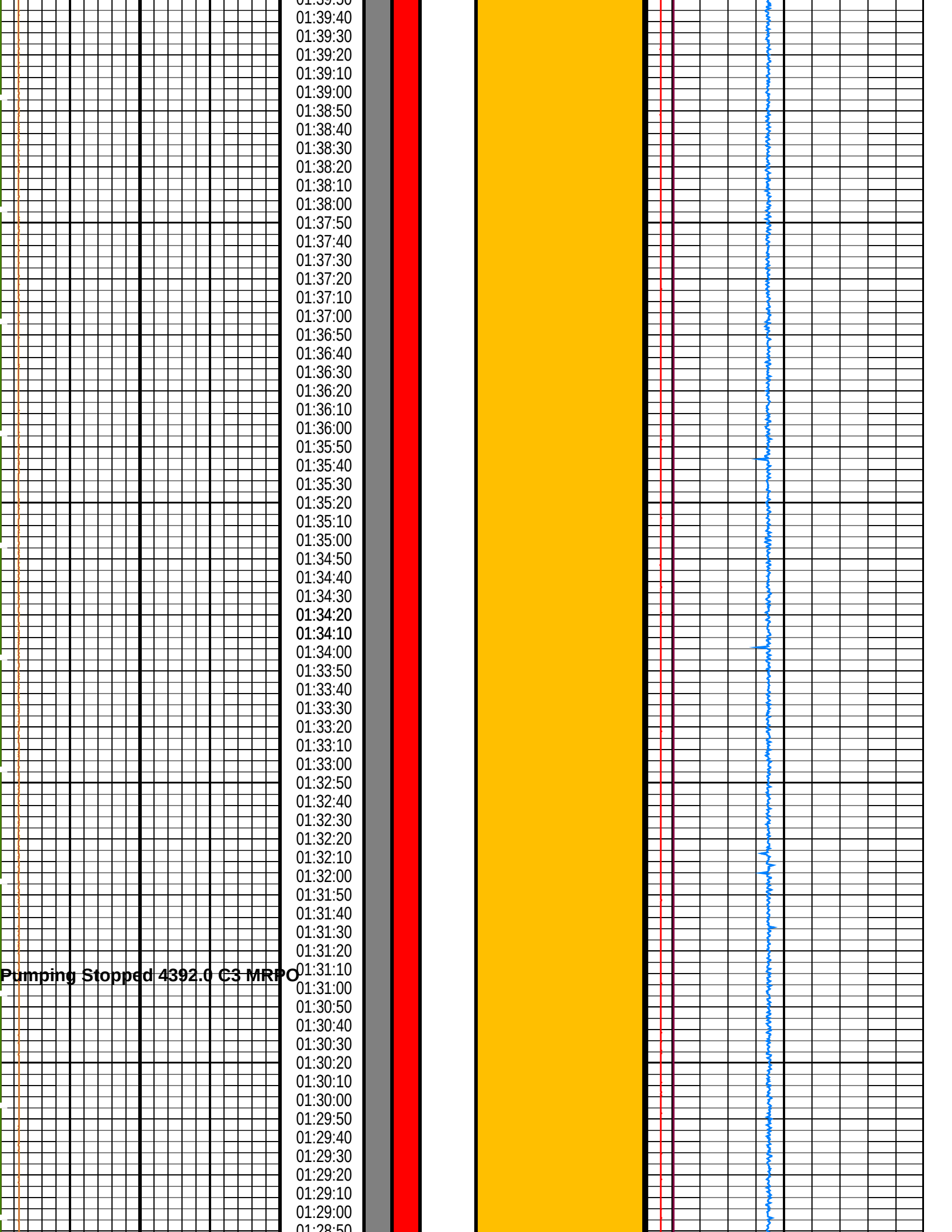

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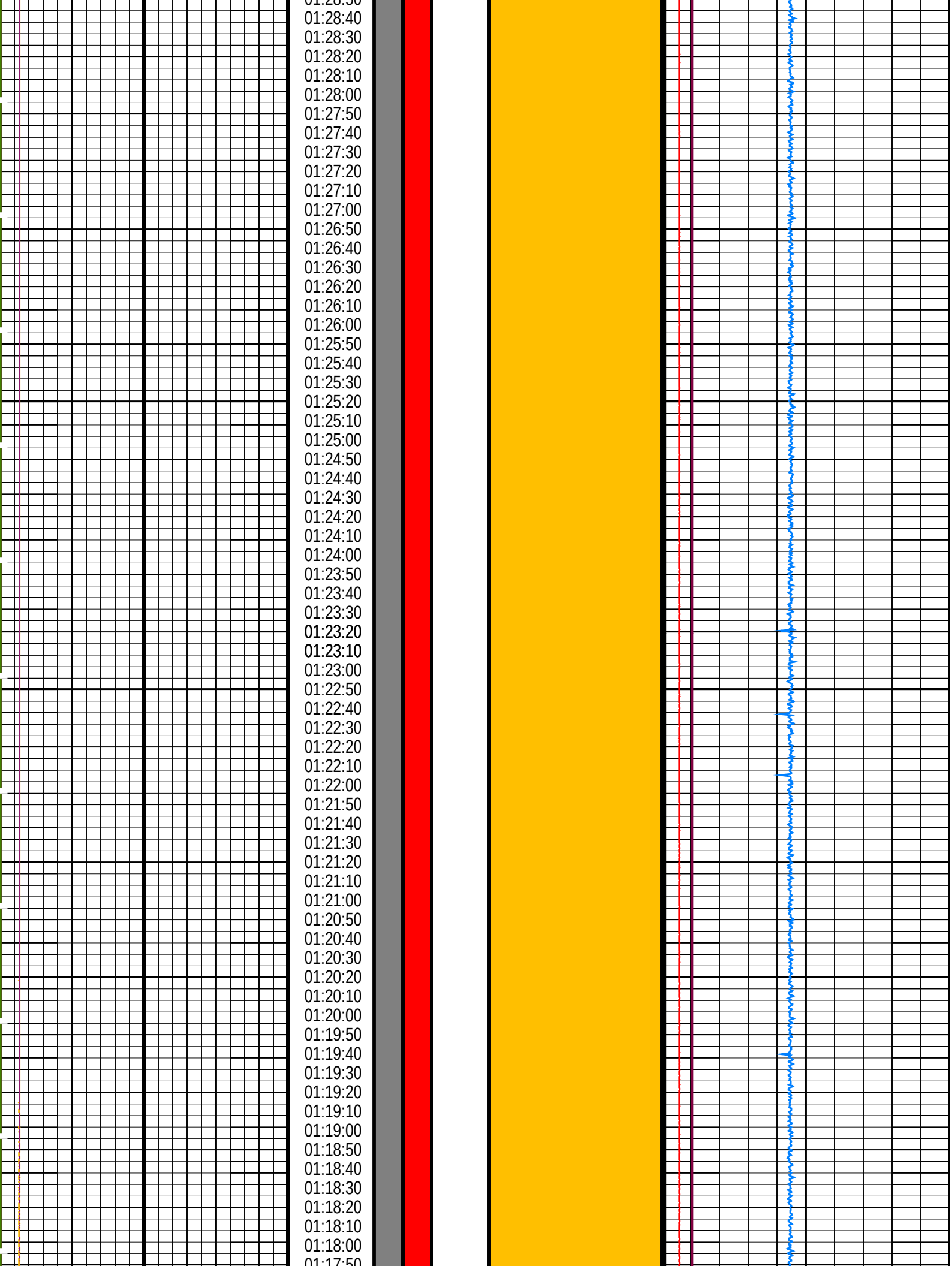

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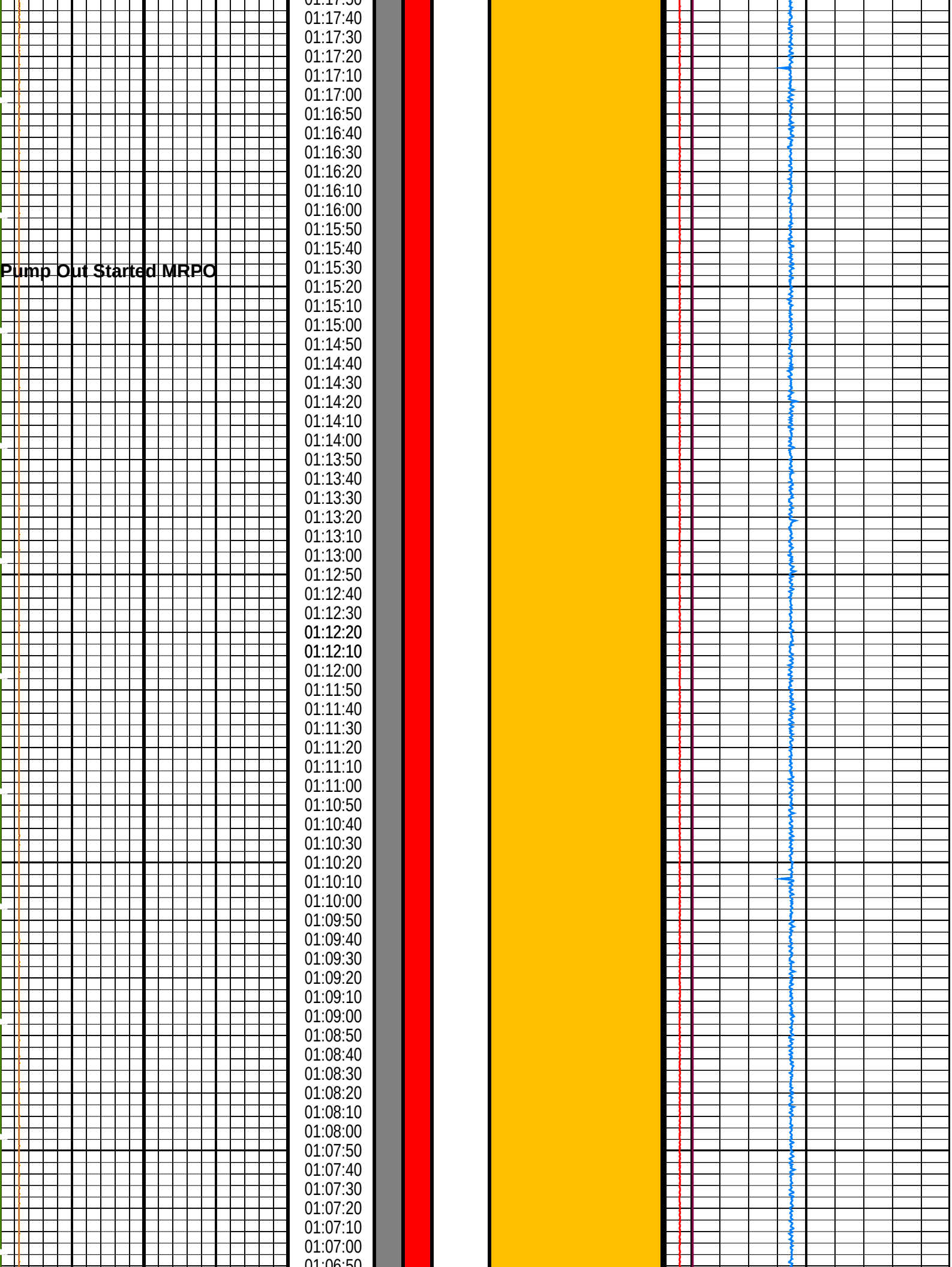

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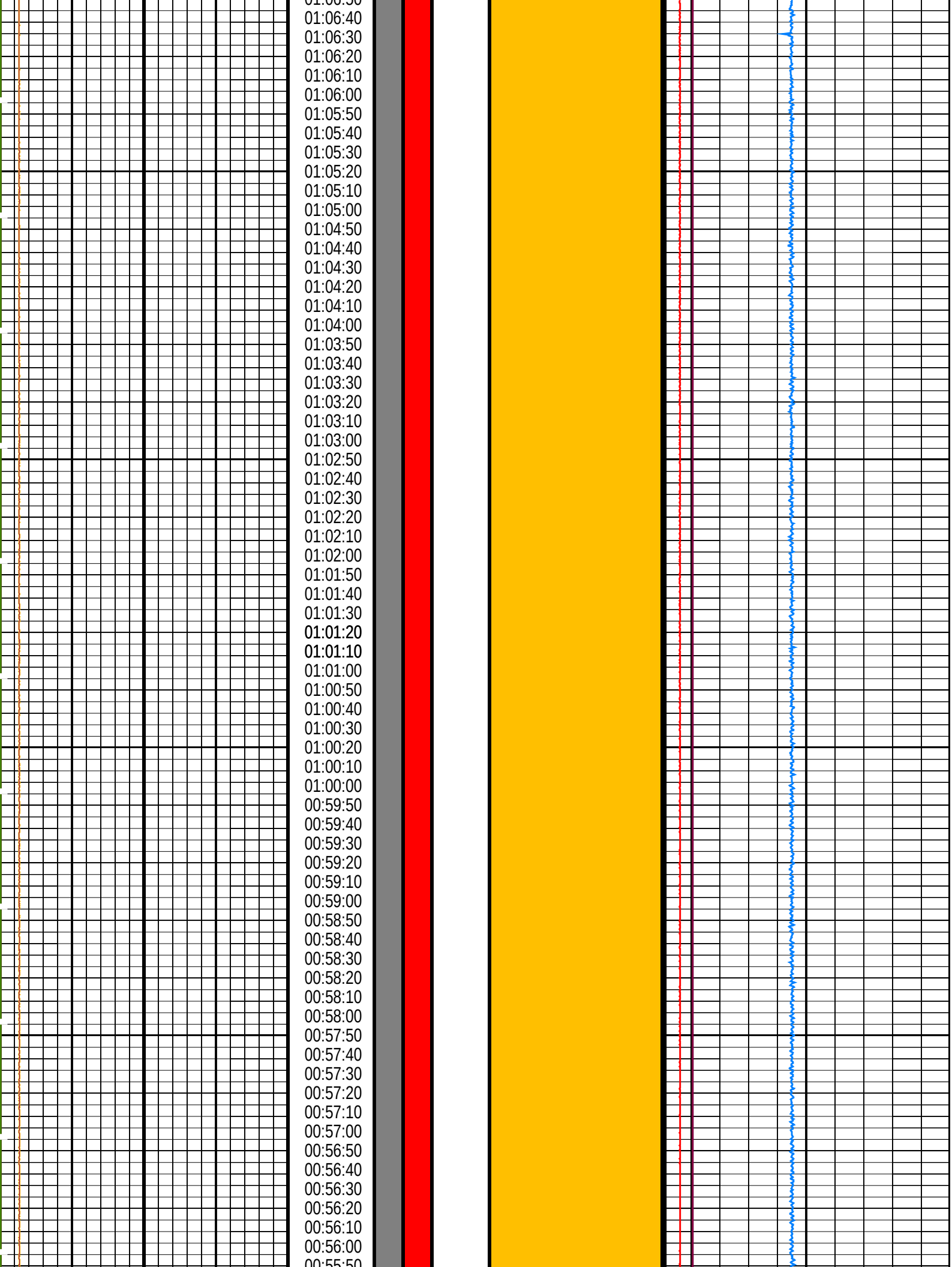

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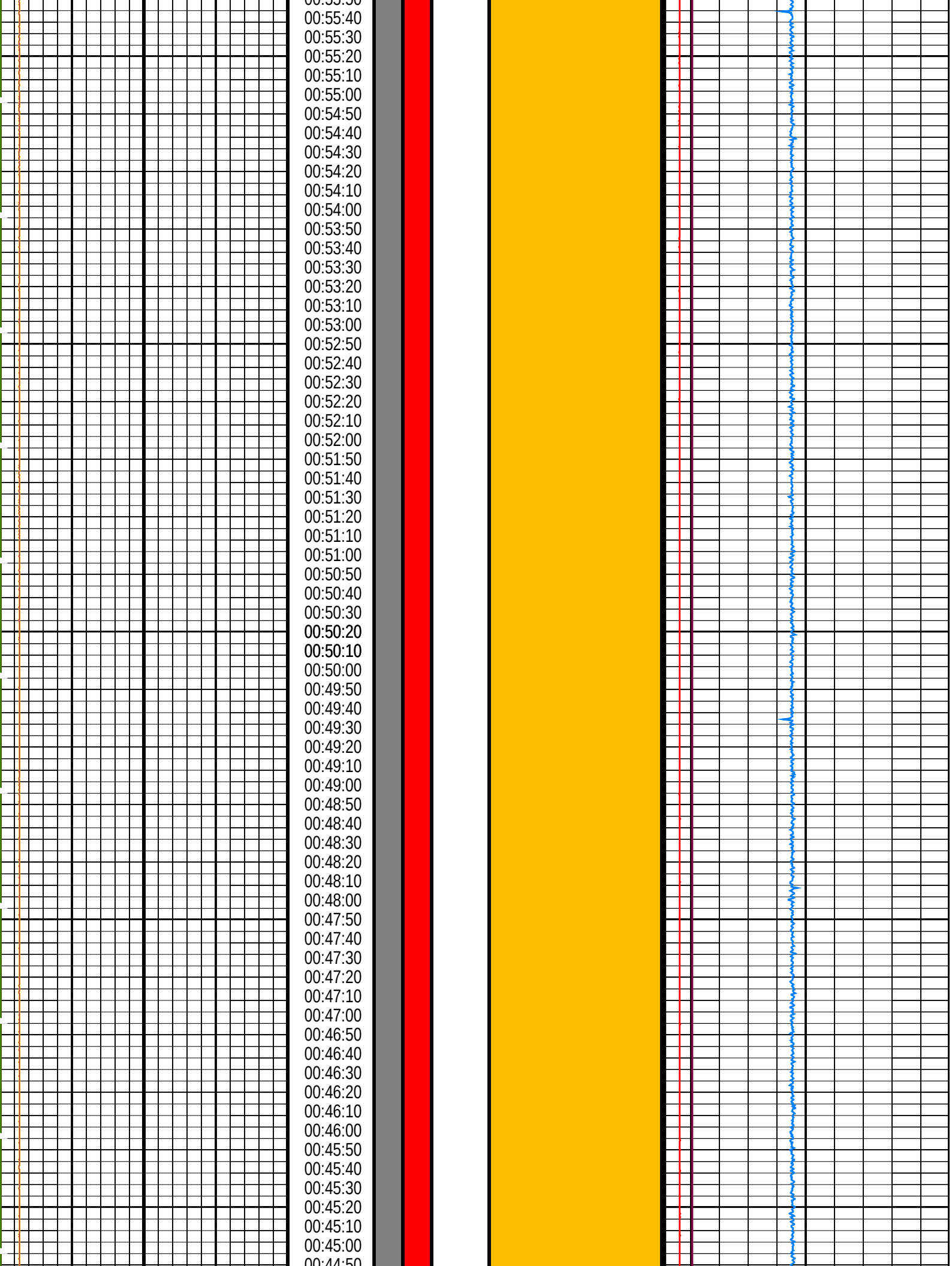

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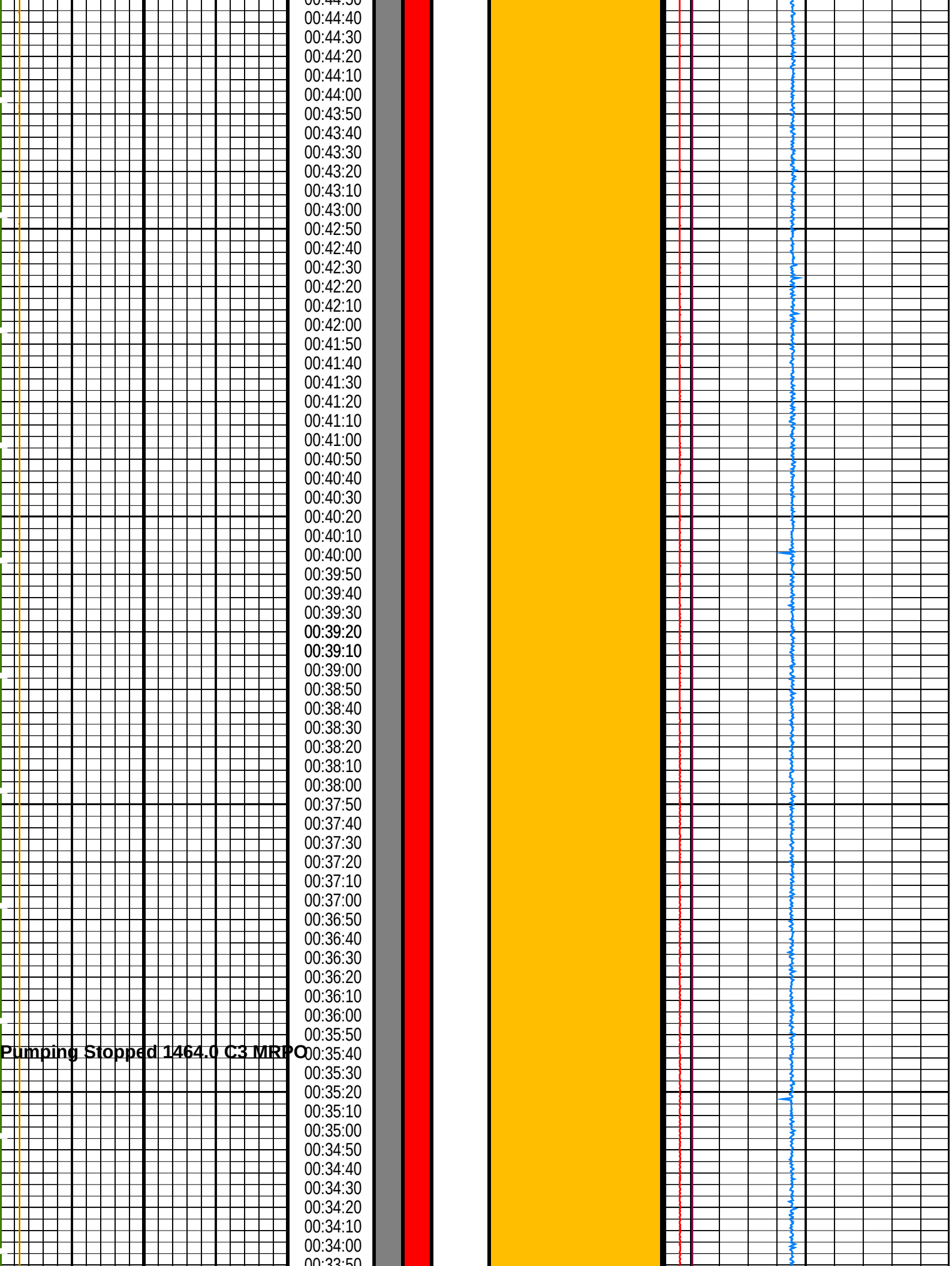

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Pumping Stopped 4392.0 C3 MRPO
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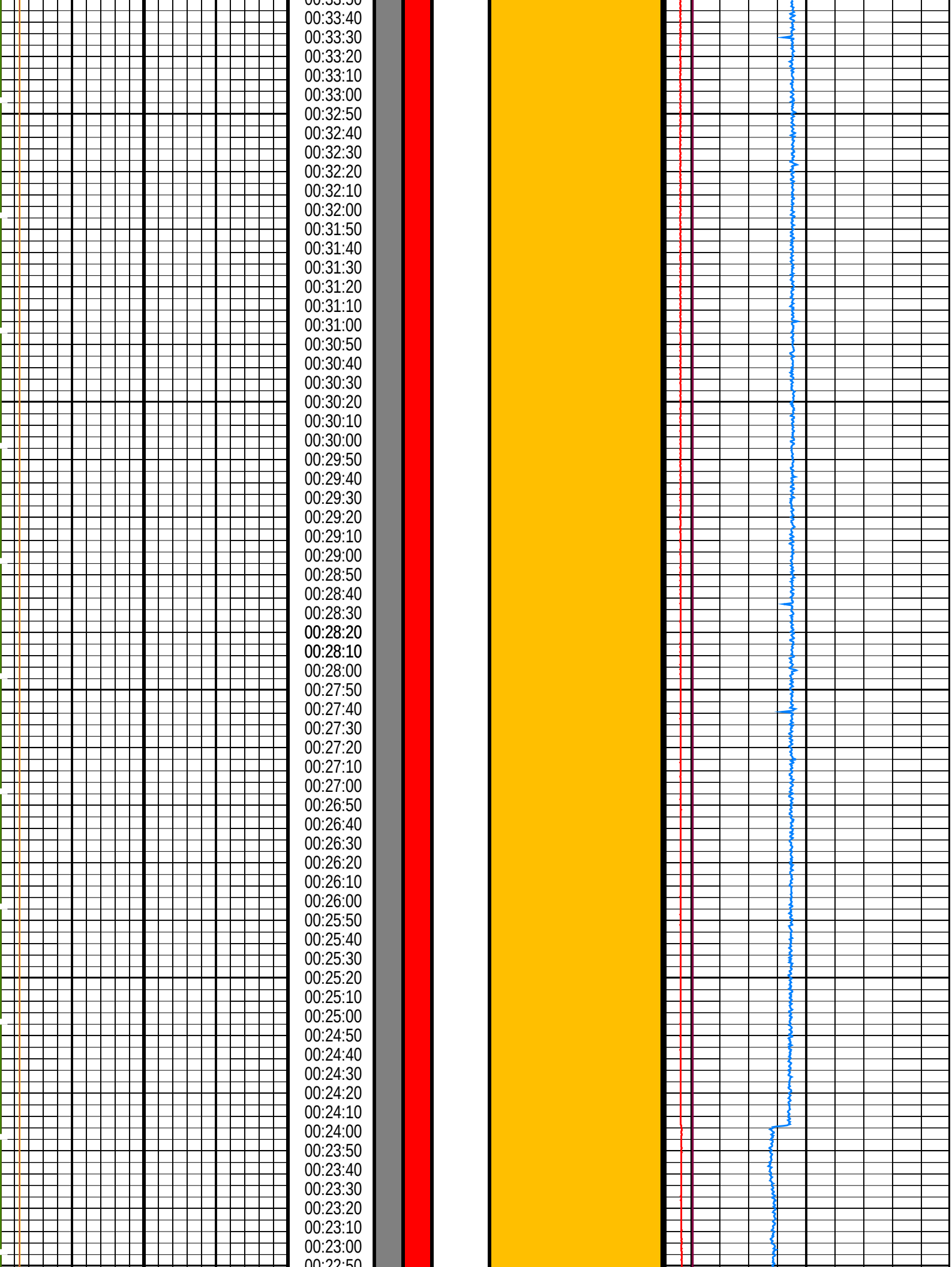

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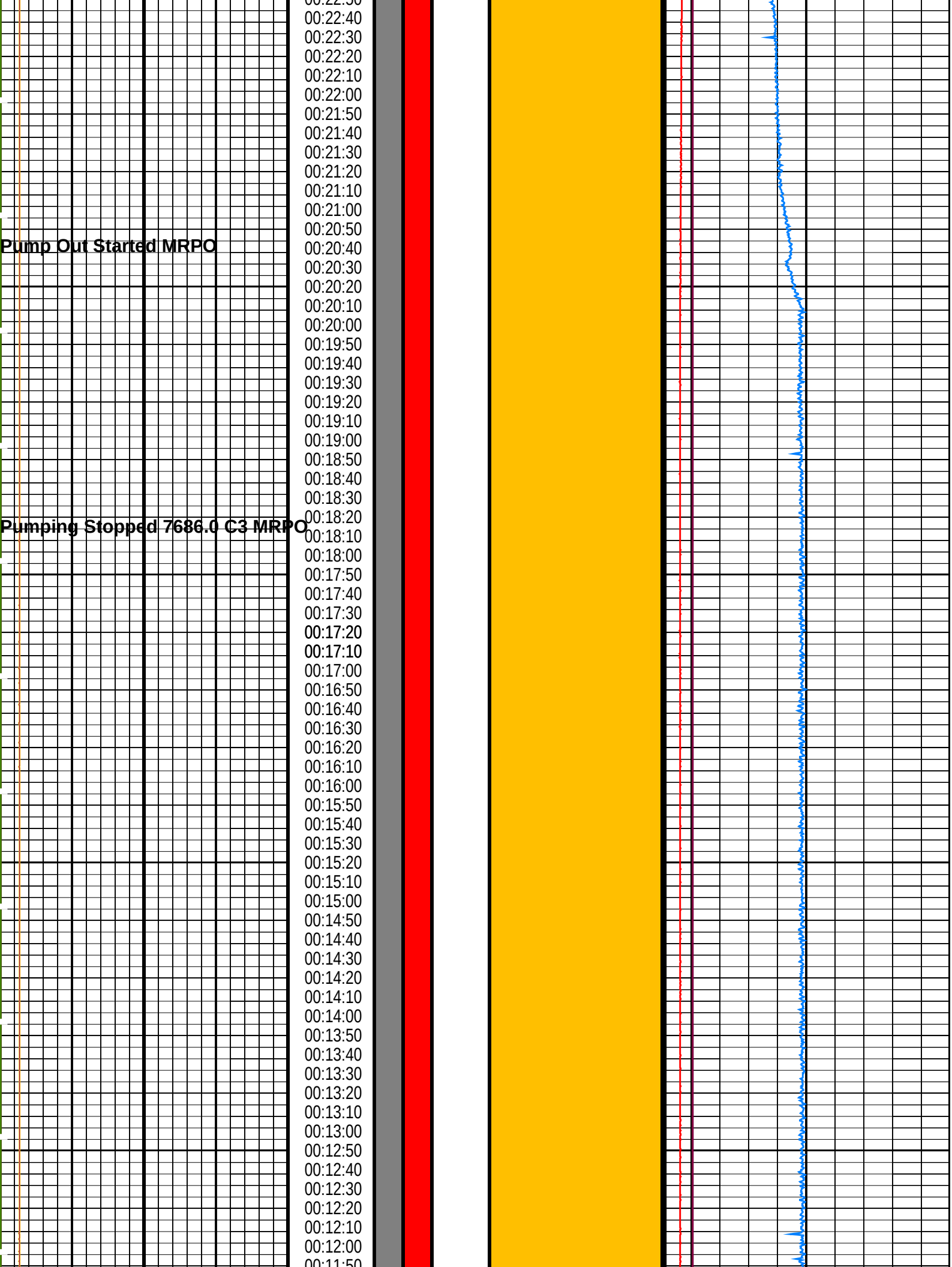

Pump Out Started MRPO
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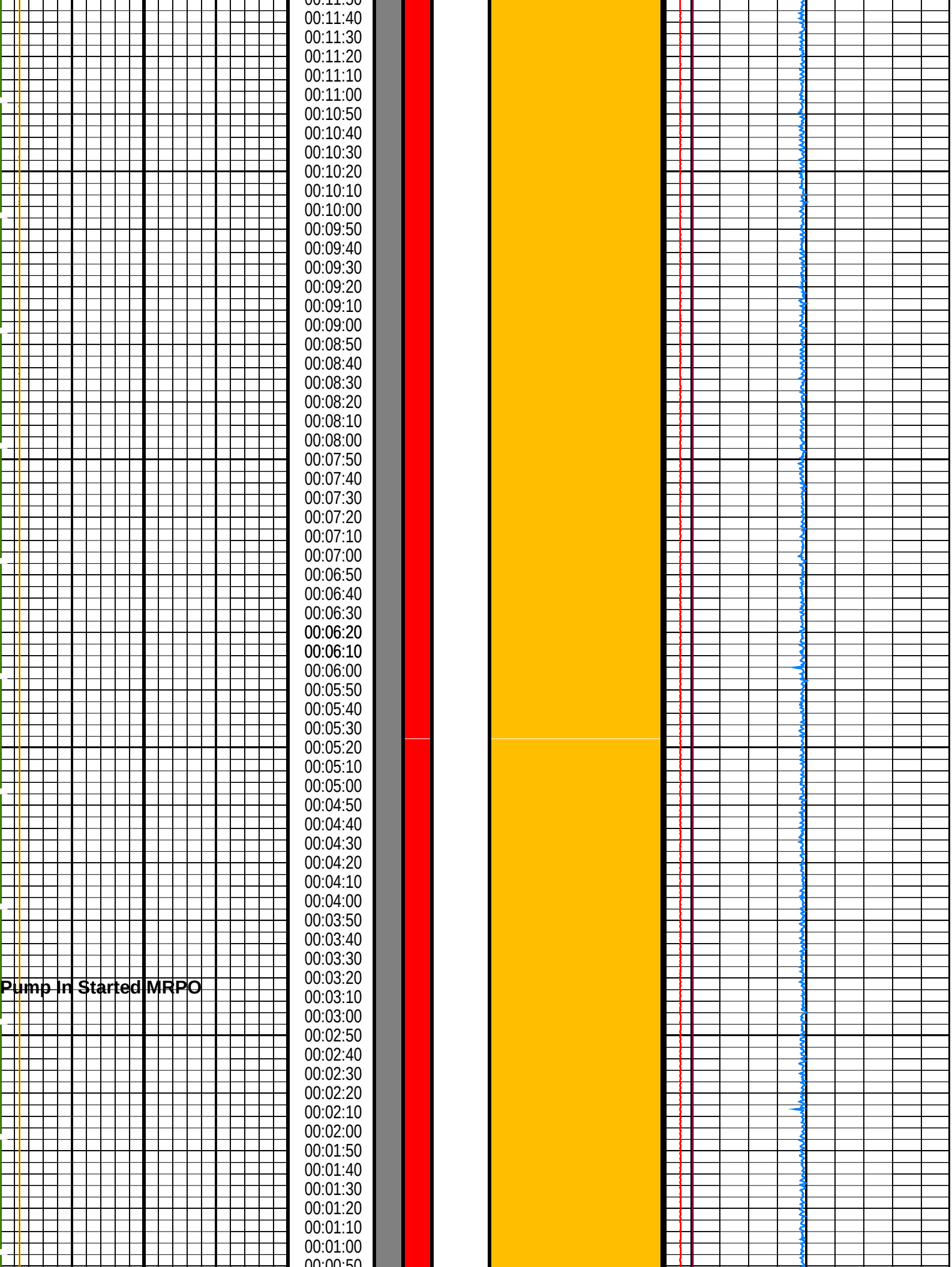

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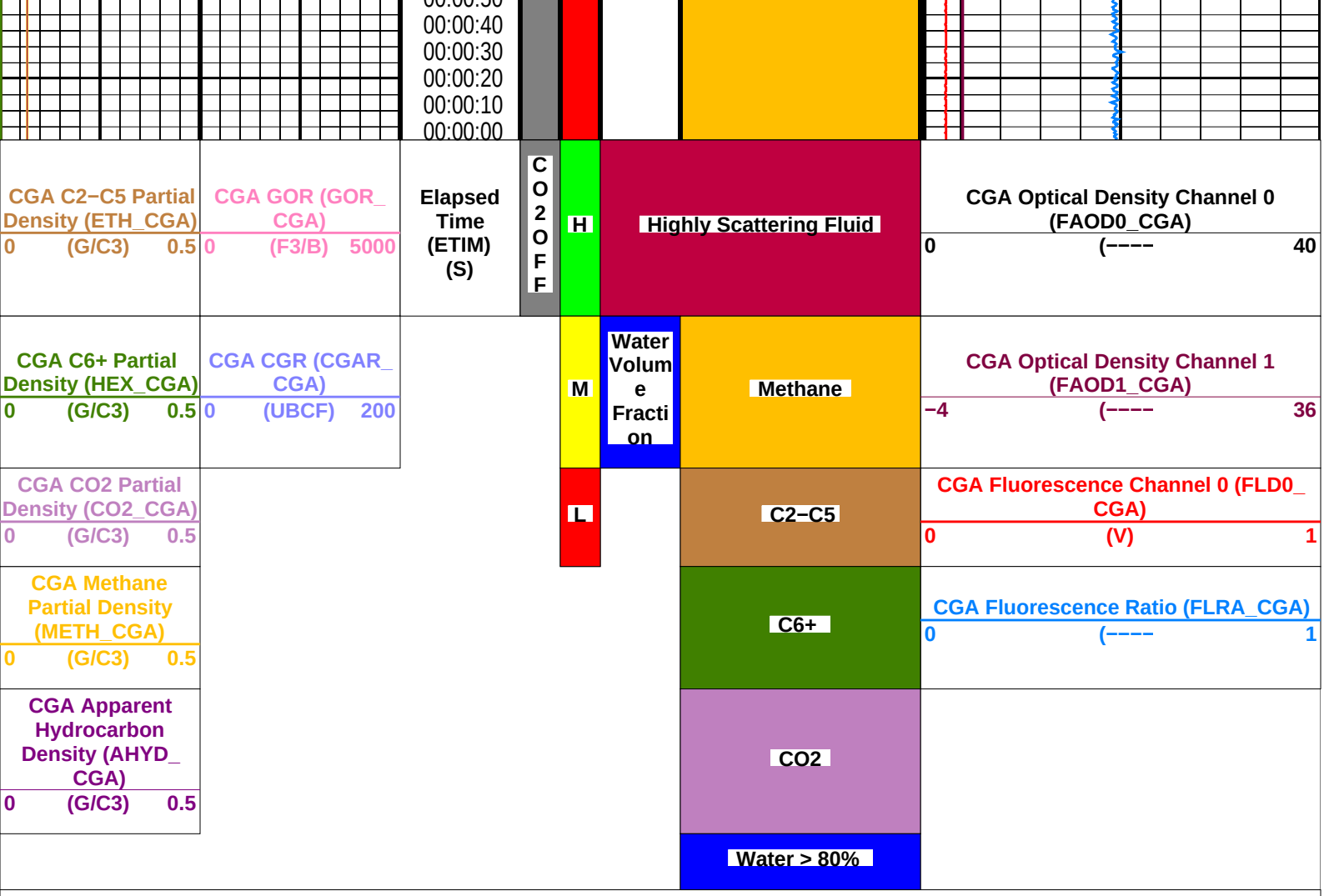

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Pumping Stopped 1464.0 C3 MRPO
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Pump Out Started MRPO
Pumping Stopped 7686.0 C3 MRPO
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Pump In Started MRPO



Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	CGA: Condensate & Gas Analyzer		
FA2M_CGA	CGA CO2 Allow/Disallow Mode	ALLOW	
FADM_CGA	CGA Dew Detection Allow/Disallow Mode	ALLOW	
FAGM_CGA	CGA GOR Allow/Disallow Mode	ALLOW	
FAODW_CGA	CGA Water Absorption Spectra	** V **	
FAPC_CGA	CGA Path Correction Coefficient	1.0474	
FAPM_CGA	CGA Composition Allow/Disallow Mode	ALLOW	
FATCM_CGA	CGA Temp. Coef. Measure Mode	** V **	
FATCS_CGA	CGA Temp. Coef. Source Mode	** V **	
HAPI_CGA	CGA Hydrocarbon API	35	DAPI
MFGCAL_STATUS_CGA	CGA Manufacturing Calibration Coefficient Status	VALID	
ODTMP_CGA	CGA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
TCPS_STATUS_CGA	CGA Temperature Compensation Coefficient Status	VALID	
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: CGA_Station Vertical Scale: 1" per 60S Graphics File Created: 16−Feb−2007 19:17

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_094LTP	FN:105	PRODUCER	16−Feb−2007 19:17	

Output DLIS Files

DEFAULT	MDT_OFA_094LTP	FN:105	PRODUCER	16−Feb−2007 19:17	2151.1 FT	325.9 FT

Elapsed Time (s)	Event Summary
35227.2	Pumping Stopped 2562.0 C3 Dual Pumpout Module (MRPO)
34396.5	Open Sample Chamber Module 2 (1 Gallon, H2S), sample number = 1
34341.3	Pump Out Started Dual Pumpout Module (MRPO)
18115.2	Pumping Stopped 40992.0 C3 Dual Pumpout Module (MRPO)
16098.0	Seal MDT Multi−Sample (MRMS) 1, bottle 2
15575.4	Open MDT Multi−Sample (MRMS) 1, bottle 2, sample number = 2
12855.0	Seal Sample Chamber Module 2 (1 Gallon, H2S)
11325.9	Pump Out Started Dual Pumpout Module (MRPO)
5462.7	Pumping Stopped 4392.0 C3 Dual Pumpout Module (MRPO)
4524.3	Pump Out Started Dual Pumpout Module (MRPO)
2136.6	Pumping Stopped 1464.0 C3 Dual Pumpout Module (MRPO)
1237.2	Pump Out Started Dual Pumpout Module (MRPO)
1090.8	Pumping Stopped 7686.0 C3 Dual Pumpout Module (MRPO)
190.8	Pump In Started Dual Pumpout Module (MRPO)

PIP SUMMARY

Time Mark Every 60 S

MRPA Quartz Pressure (PAQP) 0 (PSIA) 2000

MRPA Auto deflate status (PAAD) 0 (−−−− 5

MRPO Solenoid 3 Status (POS3) 5 (−−−− 0

MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000

MRPO Pump Volume (POPV) 0 (C3) 10000

MRPC 50 V Supply (50V) 30 (V) 100

MRPA SG Pressure (PASG) 0 (PSIA) 2000

MRPA Interval Valve Position (PAVP) −5 (−−−− 250

MRPA Inflate Valve Position (PAFP) −5 (−−−− 250

MRPA Quartz Temperature (PAQT) (DEGF)

MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10

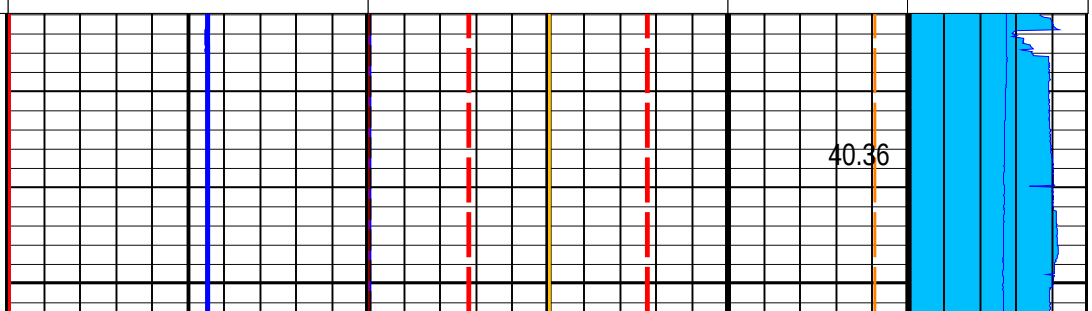
MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000

MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000

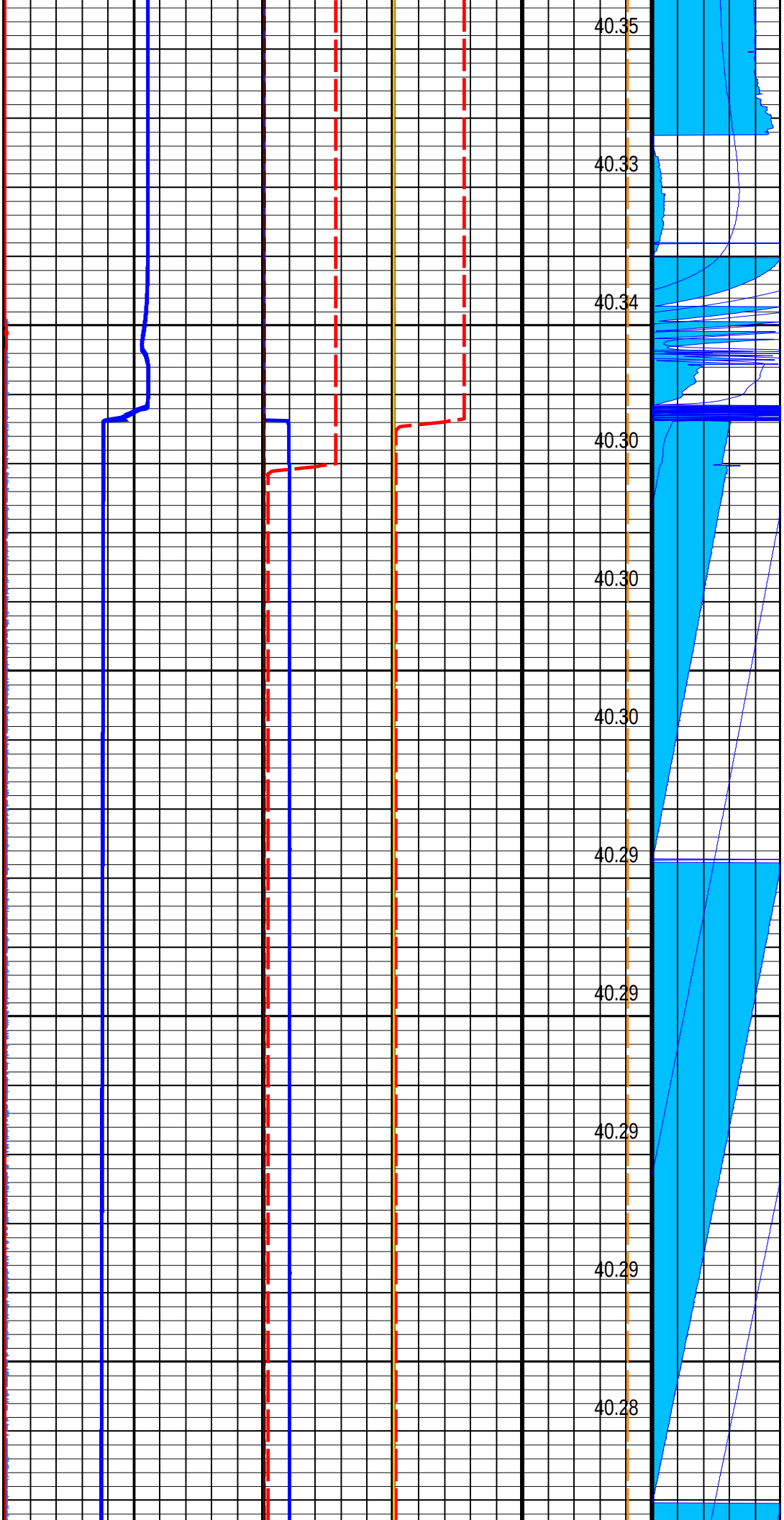
MRPA Quartz Temperature (PAQT) (DEGF) 100 150

MRPA SG One's (PSGU) 0 (−−−− 10

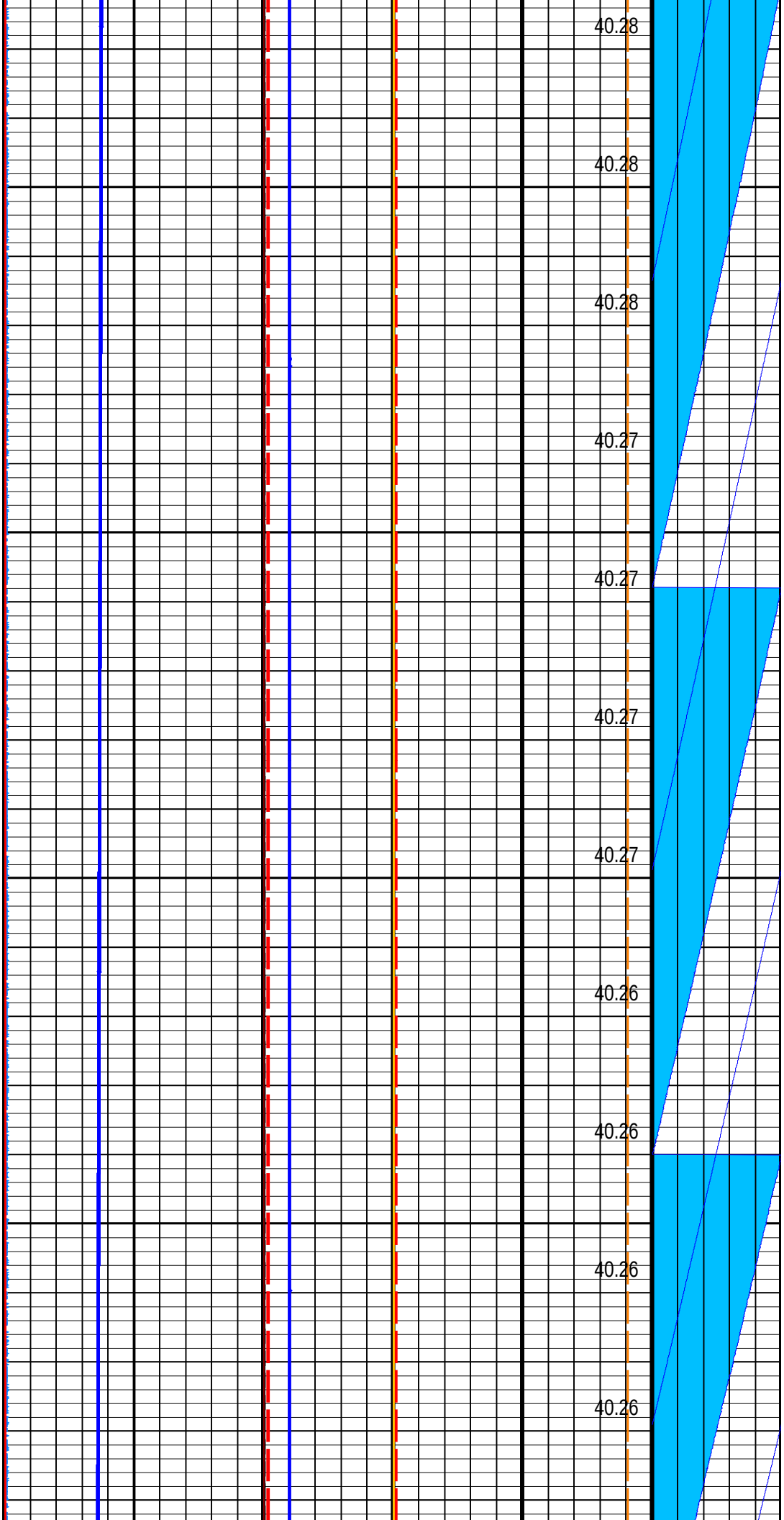
Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)
10:51:40	1102.51	1100.7
10:51:30	1102.50	1102.5
10:51:20	1102.42	1102.5
10:51:10	1102.39	1102.5
10:51:00	1102.35	1102.7
10:50:50	1102.36	1102.7
10:50:40	1102.34	1102.9
10:50:30	1102.30	1102.9
10:50:20	1102.30	1102.5



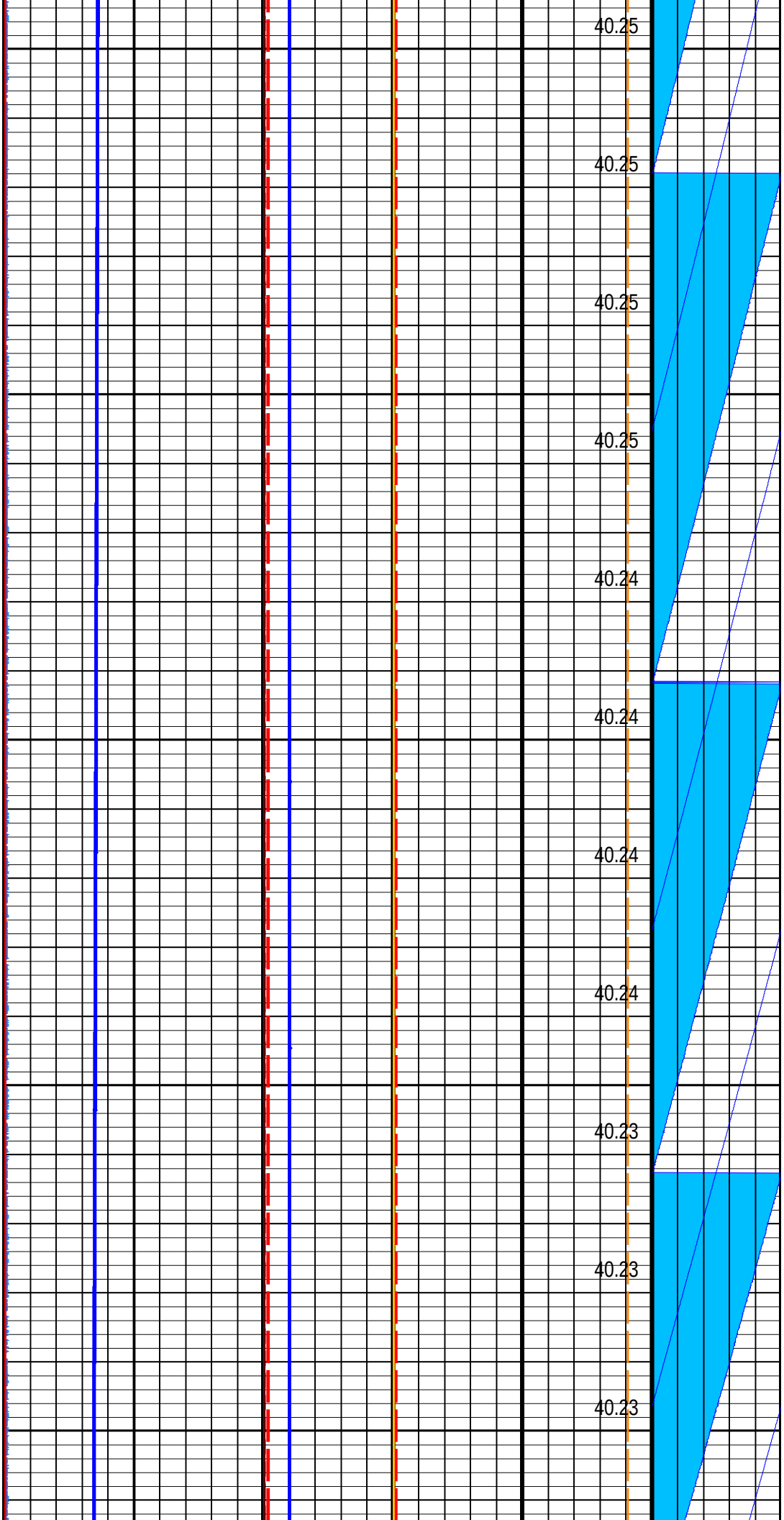
10:50:10	1102.35	1102.6
10:50:00	1102.42	1102.6
10:49:50	1102.55	1102.6
10:49:40	1102.72	1102.8
10:49:30	1102.99	1103.0
10:49:20	1103.24	1104.0
10:49:10	1103.50	1104.7
10:49:00	1103.68	1105.3
10:48:50	1103.77	1105.7
10:48:40	1103.57	1105.5
10:48:30	1103.00	1105.3
10:48:20	1101.64	1104.3
10:48:10	1097.98	1101.2
10:48:00	1088.92	1093.1
10:47:50	1066.38	1072.2
10:47:40	1092.67	1084.0
10:47:30	1105.32	1108.0
10:47:20	1101.56	1105.7
10:47:10	759.43	760.7
10:47:00	758.82	760.3
10:46:50	758.48	760.5
10:46:40	758.15	760.1
10:46:30	757.82	759.7
10:46:20	757.48	759.4
10:46:10	757.15	759.1
10:46:00	756.82	758.8
10:45:50	756.48	758.4
10:45:40	756.13	758.1
10:45:30	755.81	757.8
10:45:20	755.47	757.4
10:45:10	755.13	757.1
10:45:00	754.80	756.7
10:44:50	754.46	756.4
10:44:40	754.12	756.0
10:44:30	753.78	755.7
10:44:20	753.43	755.3
10:44:10	753.10	755.0
10:44:00	752.76	754.7
10:43:50	752.40	754.3
10:43:40	752.07	754.0
10:43:30	751.72	753.7
10:43:20	751.36	753.3
10:43:10	751.01	753.0
10:43:00	750.67	752.6
10:42:50	750.32	752.2
10:42:40	749.97	751.9
10:42:30	749.62	751.5
10:42:20	749.25	751.2
10:42:10	748.91	750.8
10:42:00	748.56	750.5
10:41:50	748.20	750.1
10:41:40	747.84	749.8
10:41:30	747.48	749.4
10:41:20	747.11	749.0
10:41:10	746.75	748.7
10:41:00	746.39	748.3
10:40:50	746.03	747.9
10:40:40	745.67	747.6
10:40:30	745.32	747.2
10:40:20	744.94	746.8
10:40:10	744.59	746.5
10:40:00	744.23	746.1
10:39:50	743.86	745.8
10:39:40	743.49	745.4
10:39:30	743.13	745.0
10:39:20	742.77	744.6



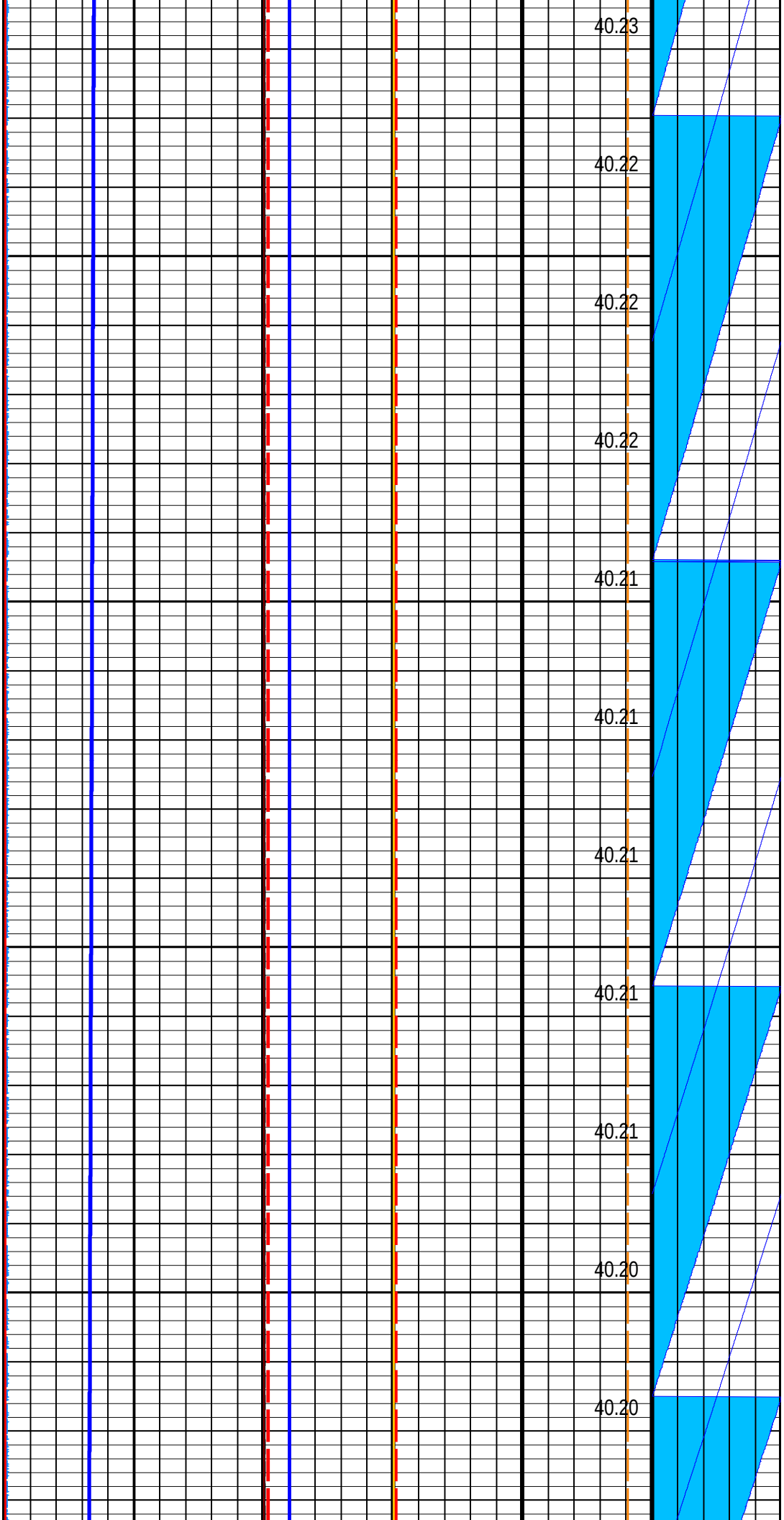
10:39:10	742.39	744.3
10:39:00	742.02	743.9
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10:38:40	741.29	743.1
10:38:30	740.92	742.8
10:38:20	740.54	742.4
10:38:10	740.17	742.0
10:38:00	739.80	741.7
10:37:50	739.42	741.3
10:37:40	739.05	740.9
10:37:30	738.68	740.5
10:37:20	738.30	740.2
10:37:10	737.92	739.8
10:37:00	737.54	739.4
10:36:50	737.15	739.0
10:36:40	736.79	738.6
10:36:30	736.40	738.2
10:36:20	736.01	737.8
10:36:10	735.63	737.5
10:36:00	735.25	737.0
10:35:50	734.85	736.7
10:35:40	734.48	736.3
10:35:30	734.10	735.9
10:35:20	733.69	735.5
10:35:10	733.31	735.1
10:35:00	732.92	734.7
10:34:50	732.53	734.3
10:34:40	732.13	733.9
10:34:30	731.76	733.6
10:34:20	731.36	733.2
10:34:10	730.96	732.7
10:34:00	730.57	732.4
10:33:50	730.17	731.9
10:33:40	729.77	731.5
10:33:30	729.37	731.1
10:33:20	728.97	730.7
10:33:10	728.57	730.3
10:33:00	728.17	730.0
10:32:50	727.77	729.5
10:32:40	727.37	729.1
10:32:30	726.97	728.7
10:32:20	726.55	728.3
10:32:10	726.15	727.9
10:32:00	725.75	727.5
10:31:50	725.33	727.0
10:31:40	724.93	726.6
10:31:30	724.52	726.2
10:31:20	724.09	725.8
10:31:10	723.69	725.4
10:31:00	723.29	725.0
10:30:50	722.86	724.5
10:30:40	722.45	724.1
10:30:30	722.04	723.7
10:30:20	721.61	723.3
10:30:10	721.20	722.9
10:30:00	720.78	722.5
10:29:50	720.36	722.1
10:29:40	719.94	721.7
10:29:30	719.53	721.2
10:29:20	719.09	720.8
10:29:10	718.67	720.4
10:29:00	718.26	720.0
10:28:50	717.82	719.5
10:28:40	717.39	719.0
10:28:30	716.97	718.6
10:28:20	716.53	718.2



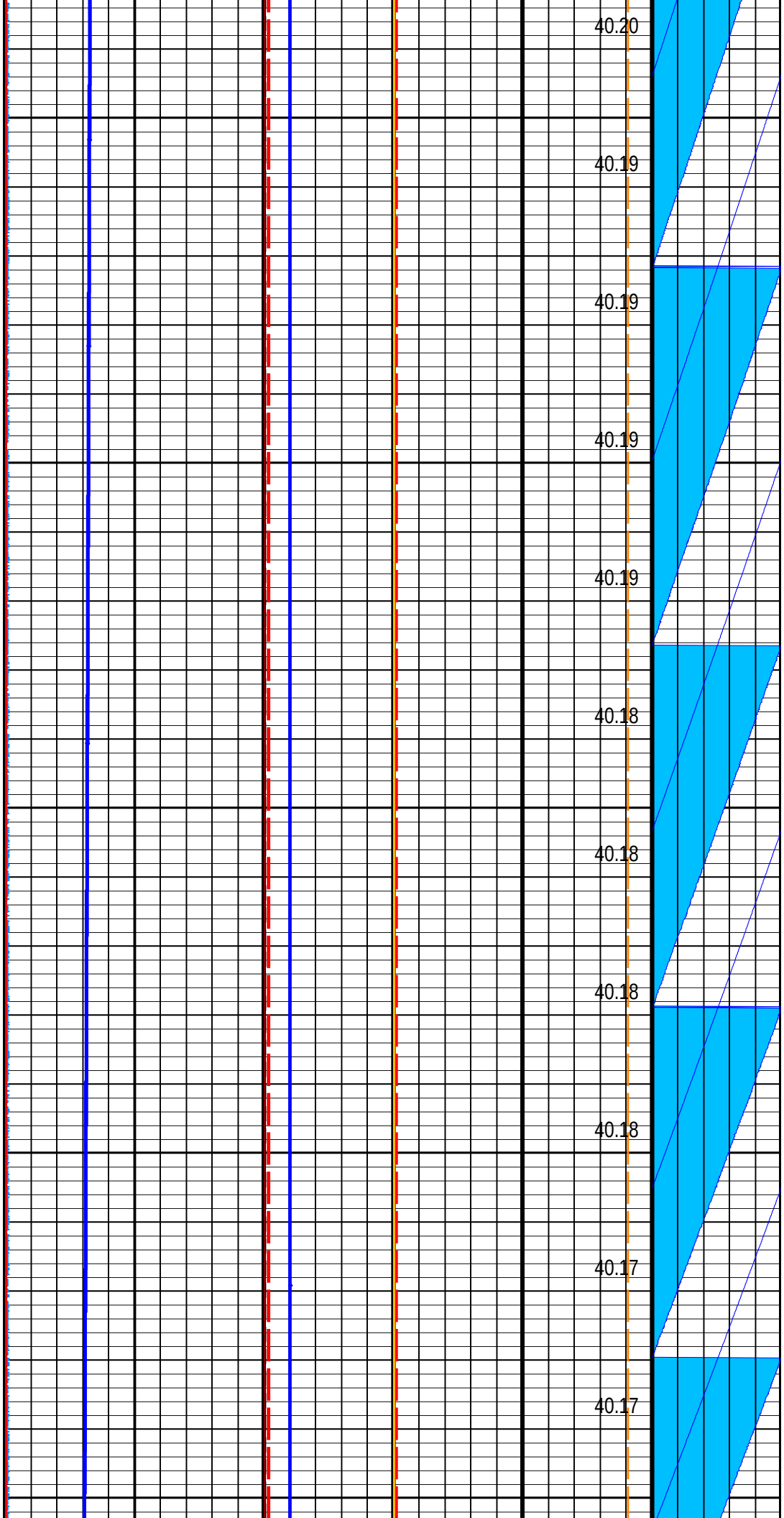
10:28:10	716.11	717.8
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10:27:50	715.24	717.0
10:27:40	714.81	716.5
10:27:30	714.38	716.1
10:27:20	713.93	715.6
10:27:10	713.50	715.2
10:27:00	713.07	714.7
10:26:50	712.62	714.3
10:26:40	712.19	713.8
10:26:30	711.75	713.4
10:26:20	711.31	712.9
10:26:10	710.86	712.5
10:26:00	710.44	712.0
10:25:50	709.98	711.6
10:25:40	709.54	711.2
10:25:30	709.11	710.7
10:25:20	708.64	710.3
10:25:10	708.19	709.8
10:25:00	707.75	709.4
10:24:50	707.29	708.9
10:24:40	706.86	708.5
10:24:30	706.40	708.0
10:24:20	705.94	707.6
10:24:10	705.49	707.1
10:24:00	705.04	706.6
10:23:50	704.57	706.2
10:23:40	704.12	705.7
10:23:30	703.67	705.3
10:23:20	703.20	704.8
10:23:10	702.75	704.4
10:23:00	702.29	703.9
10:22:50	701.81	703.4
10:22:40	**701.36**	**703.0**
10:22:30	**700.89**	**702.5**
10:22:20	700.41	702.0
10:22:10	699.96	701.6
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10:18:30	689.41	691.0
10:18:20	688.92	690.5
10:18:10	688.45	690.0
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10:17:50	687.43	689.0
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10:17:30	686.46	688.0
10:17:20	685.95	687.5



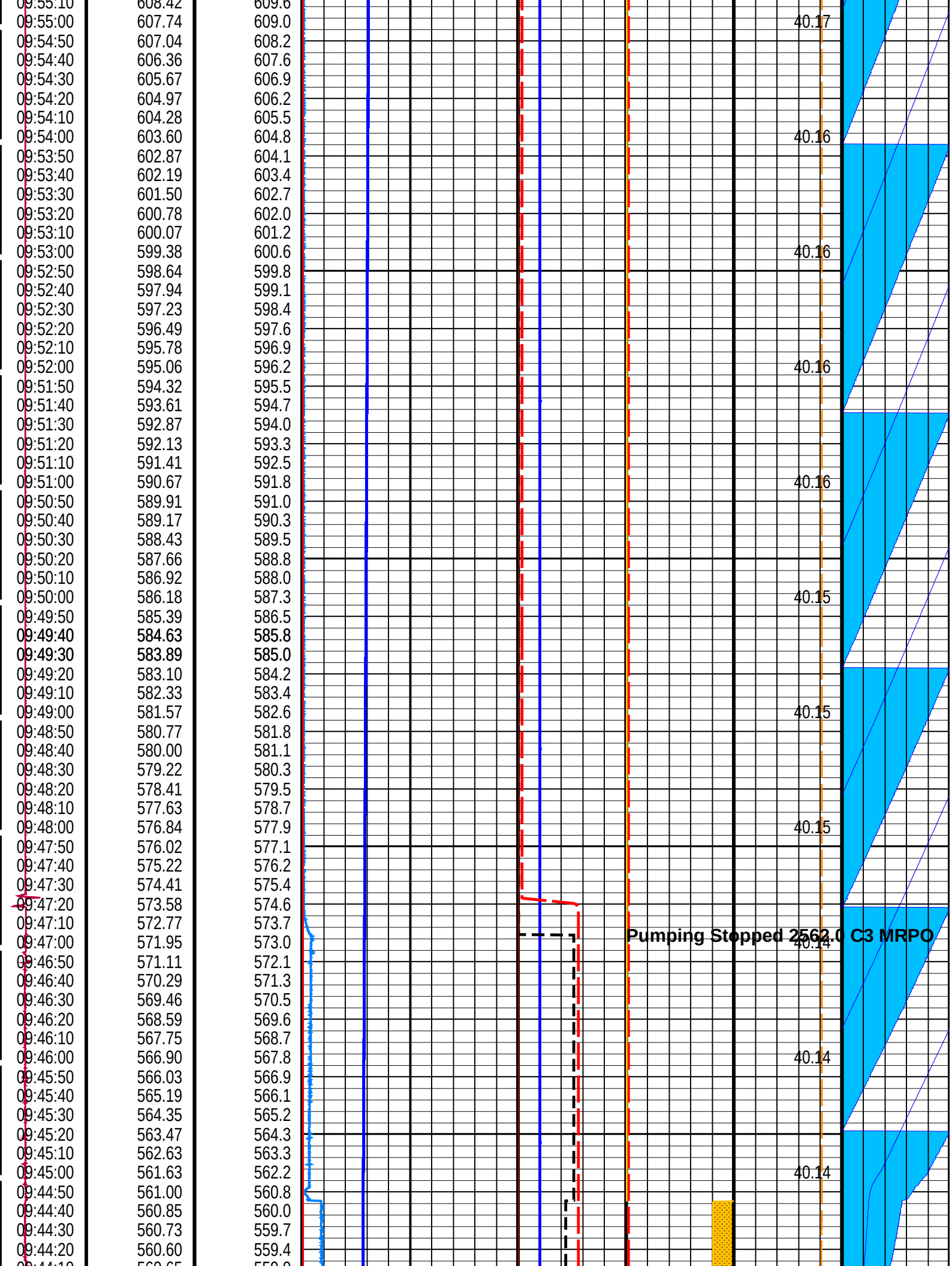
10:17:10	685.47	687.0
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10:16:50	684.45	686.0
10:16:40	683.95	685.5
10:16:30	683.46	685.0
10:16:20	682.94	684.5
10:16:10	682.45	684.0
10:16:00	681.96	683.4
10:15:50	681.43	683.0
10:15:40	680.92	682.5
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10:11:30	667.81	669.3
10:11:20	667.26	668.7
10:11:10	666.72	668.2
10:11:00	666.19	667.7
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10:10:30	664.55	666.1
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10:09:20	660.68	662.1
10:09:10	660.13	661.6
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10:07:20	653.92	655.4
10:07:10	653.35	654.8
10:07:00	652.78	654.3
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10:06:30	651.05	652.5
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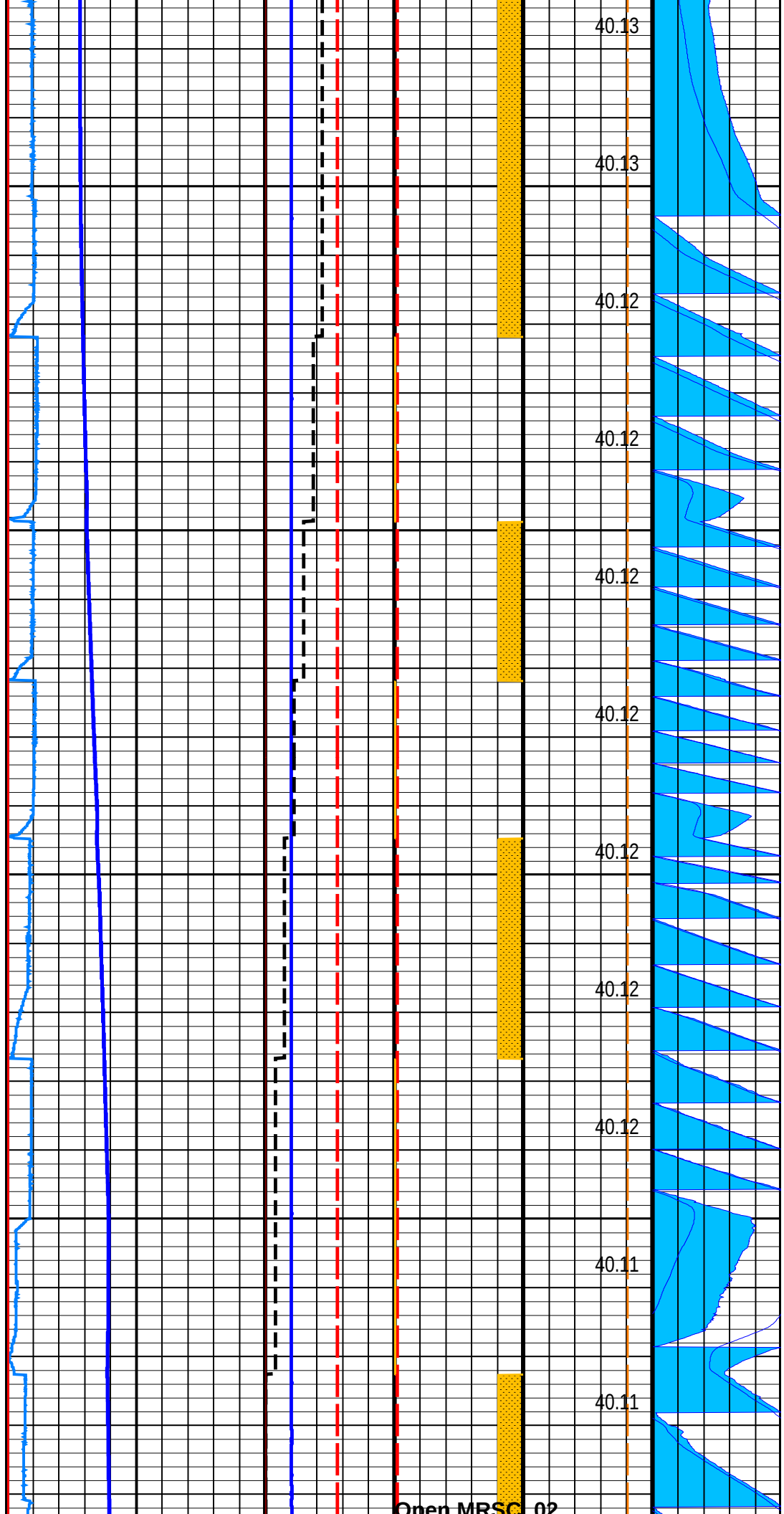
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10:01:50	634.33	635.6
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10:01:20	632.47	633.8
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10:00:50	630.61	631.9
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09:59:00	623.65	625.0
09:58:50	623.00	624.3
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09:58:30	621.71	623.0
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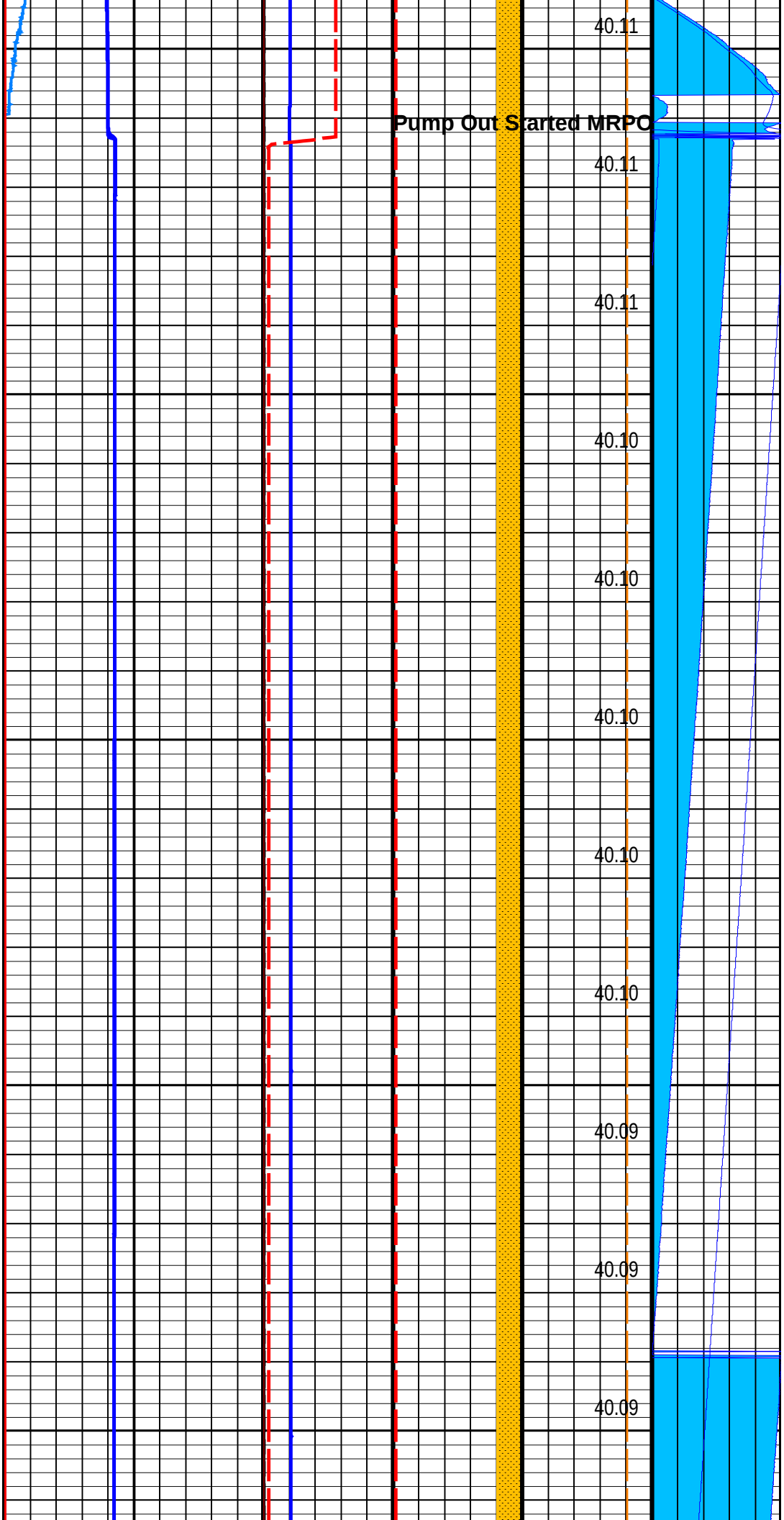
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09:52:50	598.64	599.8
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09:52:30	597.23	598.4
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09:52:10	595.78	596.9
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09:48:00	576.84	577.9
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09:47:30	574.41	575.4
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09:46:10	567.75	568.7
09:46:00	566.90	567.8
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09:45:20	563.47	564.3
09:45:10	562.63	563.3
09:45:00	561.63	562.2
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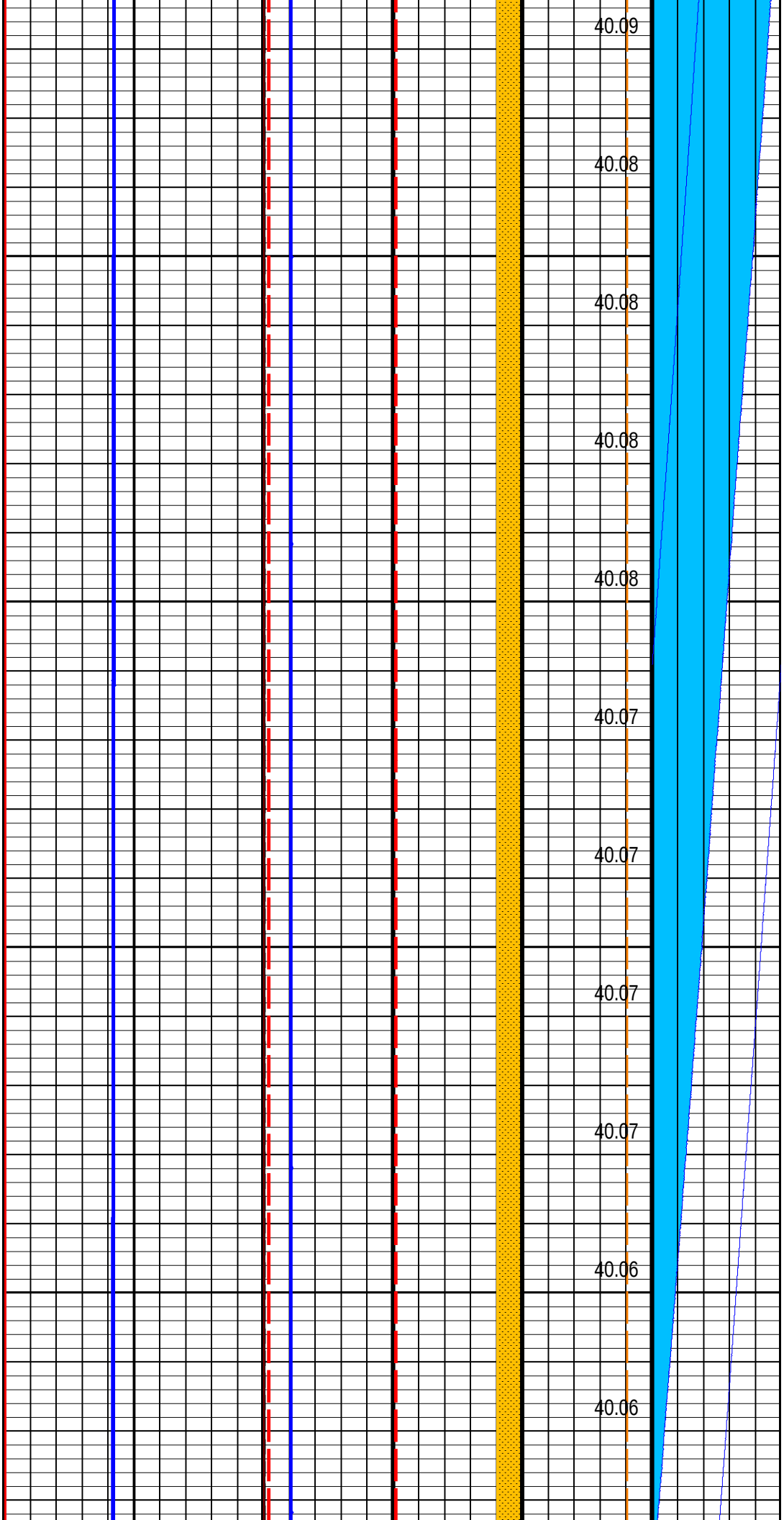
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09:42:10	575.98	573.4
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09:41:20	594.77	592.1
09:41:10	598.67	595.9
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09:40:20	615.57	612.4
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09:39:20	652.42	649.3
09:39:10	658.67	655.4
09:39:00	665.23	661.7
09:38:50	672.44	669.0
09:38:40	679.53	675.9
09:38:30	687.27	683.7
09:38:20	691.87	691.7
09:38:10	691.39	689.6
09:38:00	699.27	695.5
09:37:50	708.15	704.4
09:37:40	714.81	711.6
09:37:30	719.69	716.5
09:37:20	724.77	721.6
09:37:10	730.02	726.8
09:37:00	735.38	732.1
09:36:50	741.15	738.1
09:36:40	746.06	742.9
09:36:30	750.18	747.1
09:36:20	754.87	751.8
09:36:10	759.68	756.7
09:36:00	764.58	761.4
09:35:50	769.82	766.6
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09:35:30	780.32	778.2
09:35:20	780.99	782.7
09:35:10	780.13	781.9
09:35:00	779.36	780.9
09:34:50	778.59	779.9
09:34:40	777.68	779.3
09:34:30	774.34	776.5
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09:34:00	777.03	774.3
09:33:50	779.16	777.0
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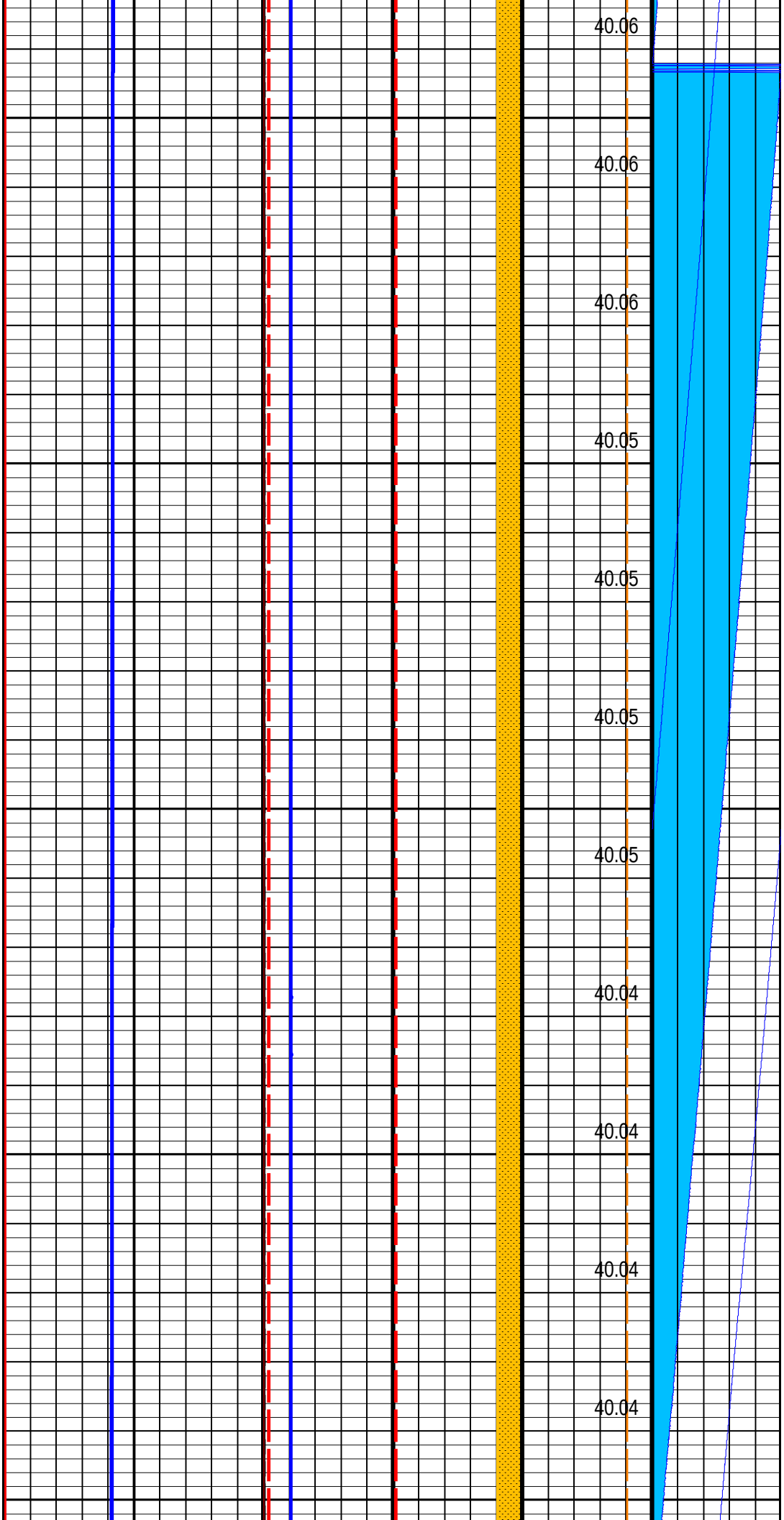
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09:32:20	796.57	794.0
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09:31:30	847.85	850.4
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09:31:10	847.62	850.2
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09:30:30	847.15	849.7
09:30:20	847.03	849.6
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09:28:30	845.75	848.4
09:28:20	845.64	848.2
09:28:10	845.52	848.2
09:28:00	845.41	848.0
09:27:50	845.28	847.9
09:27:40	845.18	847.8
09:27:30	845.06	847.7
09:27:20	844.94	847.5
09:27:10	844.83	847.4
09:27:00	844.70	847.3
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09:26:30	844.34	846.9
09:26:20	844.22	846.8
09:26:10	844.10	846.7
09:26:00	843.99	846.6
09:25:50	843.87	846.4
09:25:40	843.76	846.3
09:25:30	843.64	846.2
09:25:20	843.53	846.1
09:25:10	843.41	845.9
09:25:00	843.29	845.8
09:24:50	843.17	845.7
09:24:40	843.06	845.6
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09:24:20	842.83	845.4
09:24:10	842.71	845.2
09:24:00	842.60	845.1
09:23:50	842.47	845.0
09:23:40	842.36	844.8
09:23:30	842.24	844.7
09:23:20	842.12	844.7
09:23:10	842.01	844.5
09:23:00	841.89	844.4
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09:22:30	841.53	844.0
09:22:20	841.41	843.9



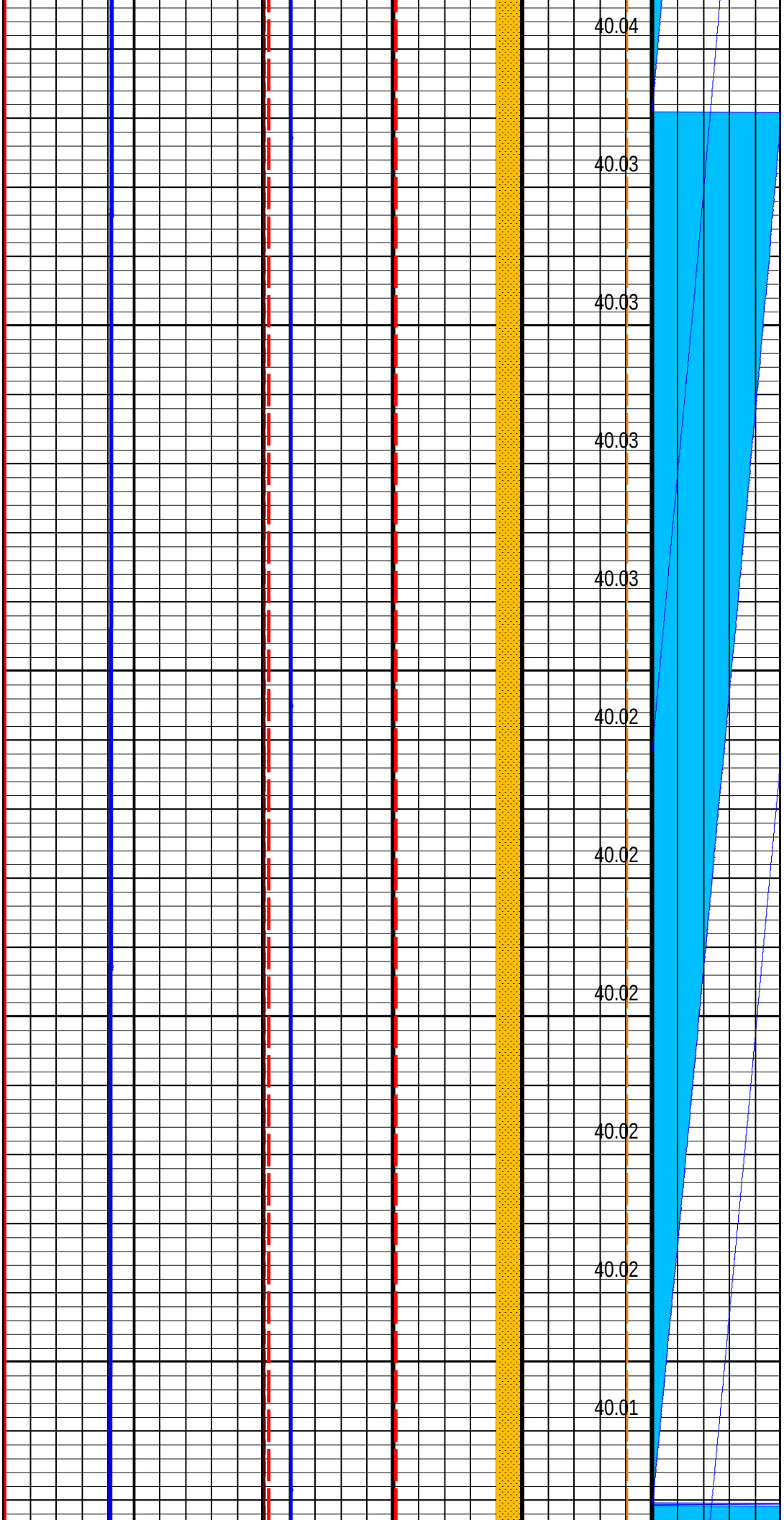
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09:21:20	840.69	843.2
09:21:10	840.57	843.0
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09:20:50	840.33	842.8
09:20:40	840.21	842.7
09:20:30	840.09	842.5
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09:19:40	839.46	841.9
09:19:30	839.34	841.7
09:19:20	839.21	841.6
09:19:10	839.09	841.4
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09:17:50	838.07	840.4
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09:16:30	837.04	839.4
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09:15:20	836.14	838.4
09:15:10	836.02	838.3
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09:14:20	835.37	837.7
09:14:10	835.24	837.5
09:14:00	835.10	837.4
09:13:50	834.98	837.2
09:13:40	834.85	837.1
09:13:30	834.72	837.0
09:13:20	834.60	836.8
09:13:10	834.48	836.7
09:13:00	834.34	836.6
09:12:50	834.21	836.4
09:12:40	834.09	836.3
09:12:30	833.97	836.1
09:12:20	833.84	836.0
09:12:10	833.70	835.9
09:12:00	833.58	835.7
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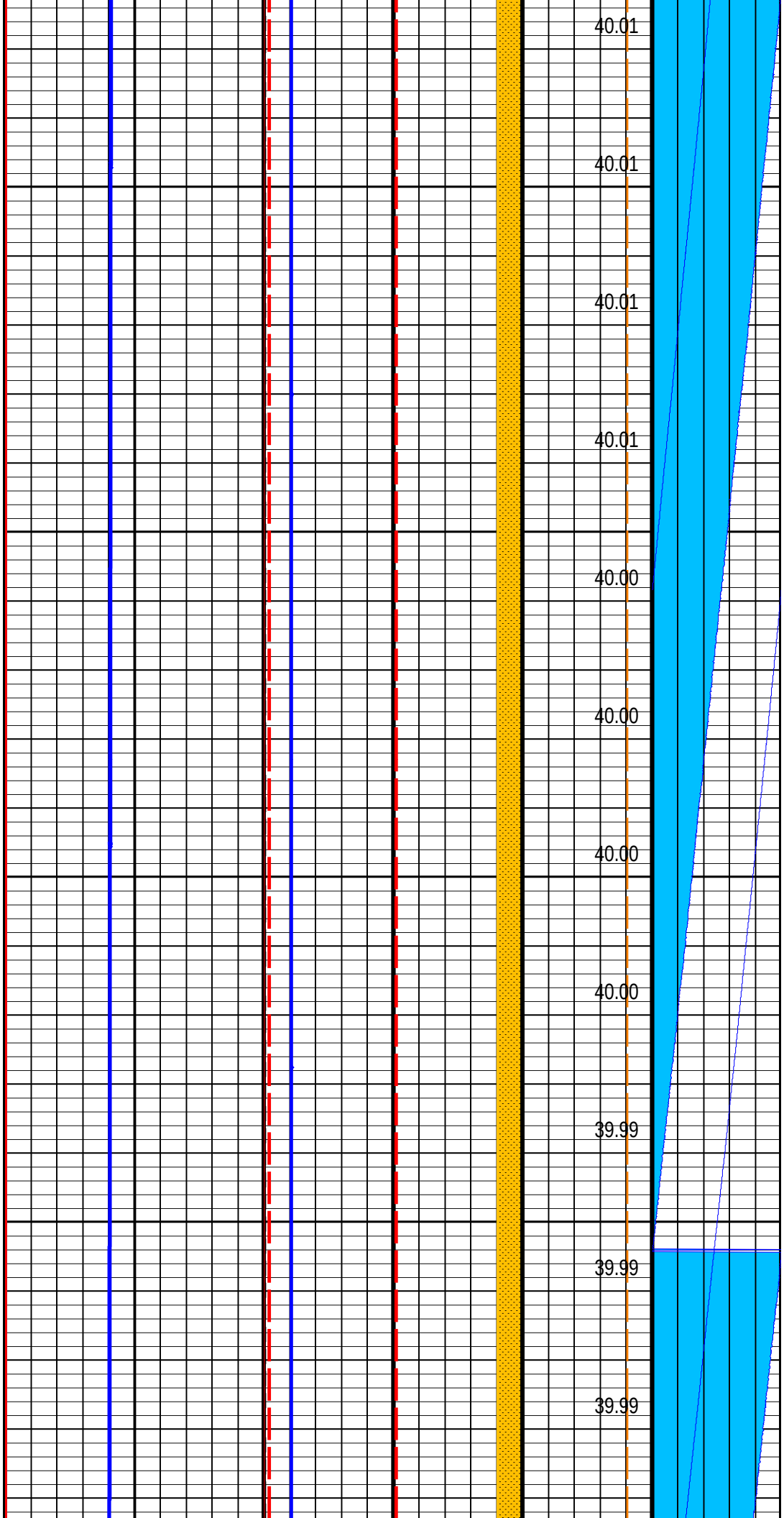
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09:10:20	832.25	834.3
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09:07:00	829.37	831.5
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09:06:40	829.07	831.2
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09:04:10	826.81	829.0
09:04:00	826.65	828.8
09:03:50	826.49	828.7
09:03:40	826.33	828.5
09:03:30	826.18	828.4
09:03:20	826.02	828.2
09:03:10	825.85	828.1
09:03:00	825.70	827.9
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09:02:40	825.38	827.6
09:02:30	825.22	827.5
09:02:20	825.05	827.3
09:02:10	824.89	827.2
09:02:00	824.71	827.1
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09:01:40	824.37	826.8
09:01:30	824.22	826.6
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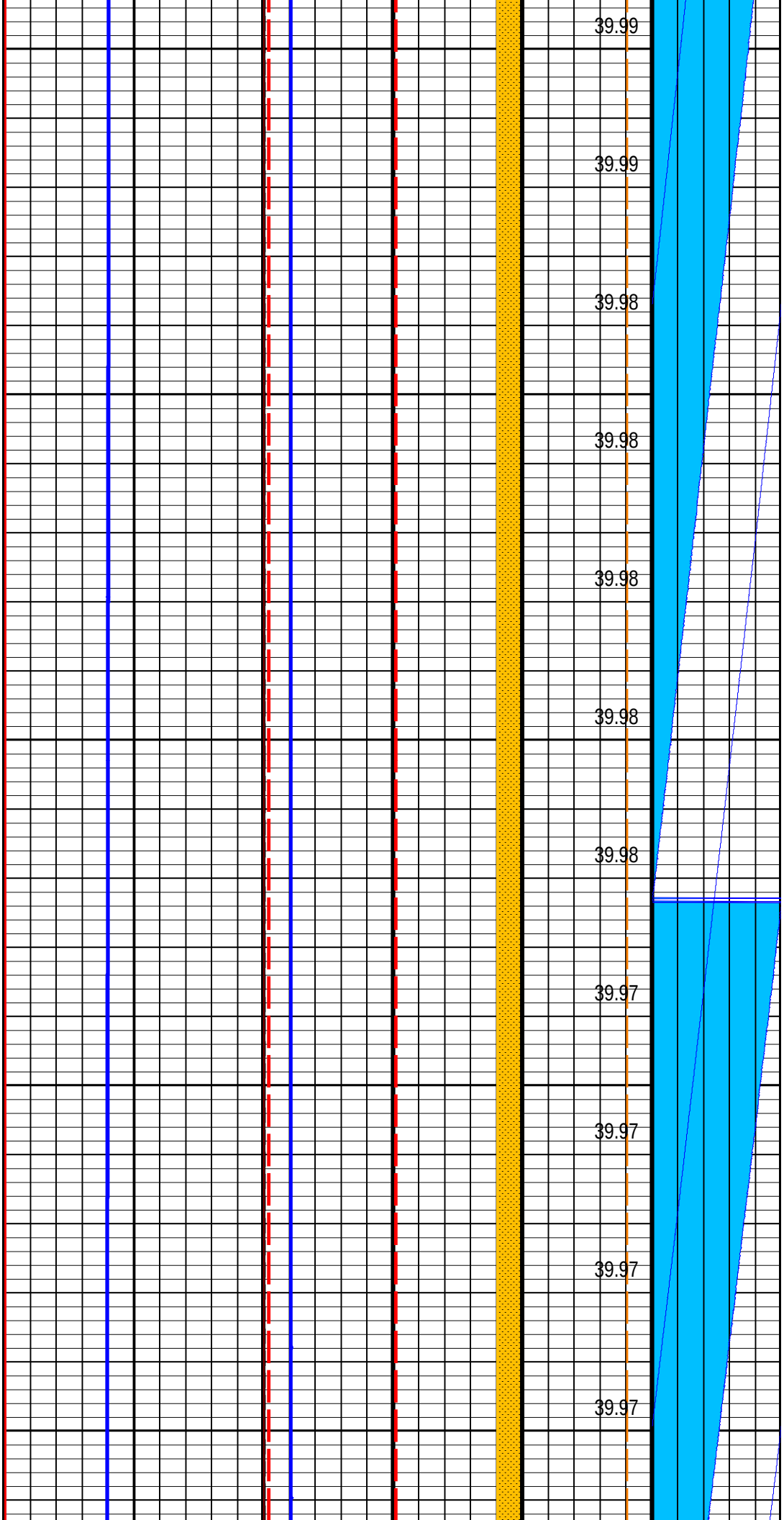
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08:59:30	822.37	824.7
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08:55:00	818.00	820.4
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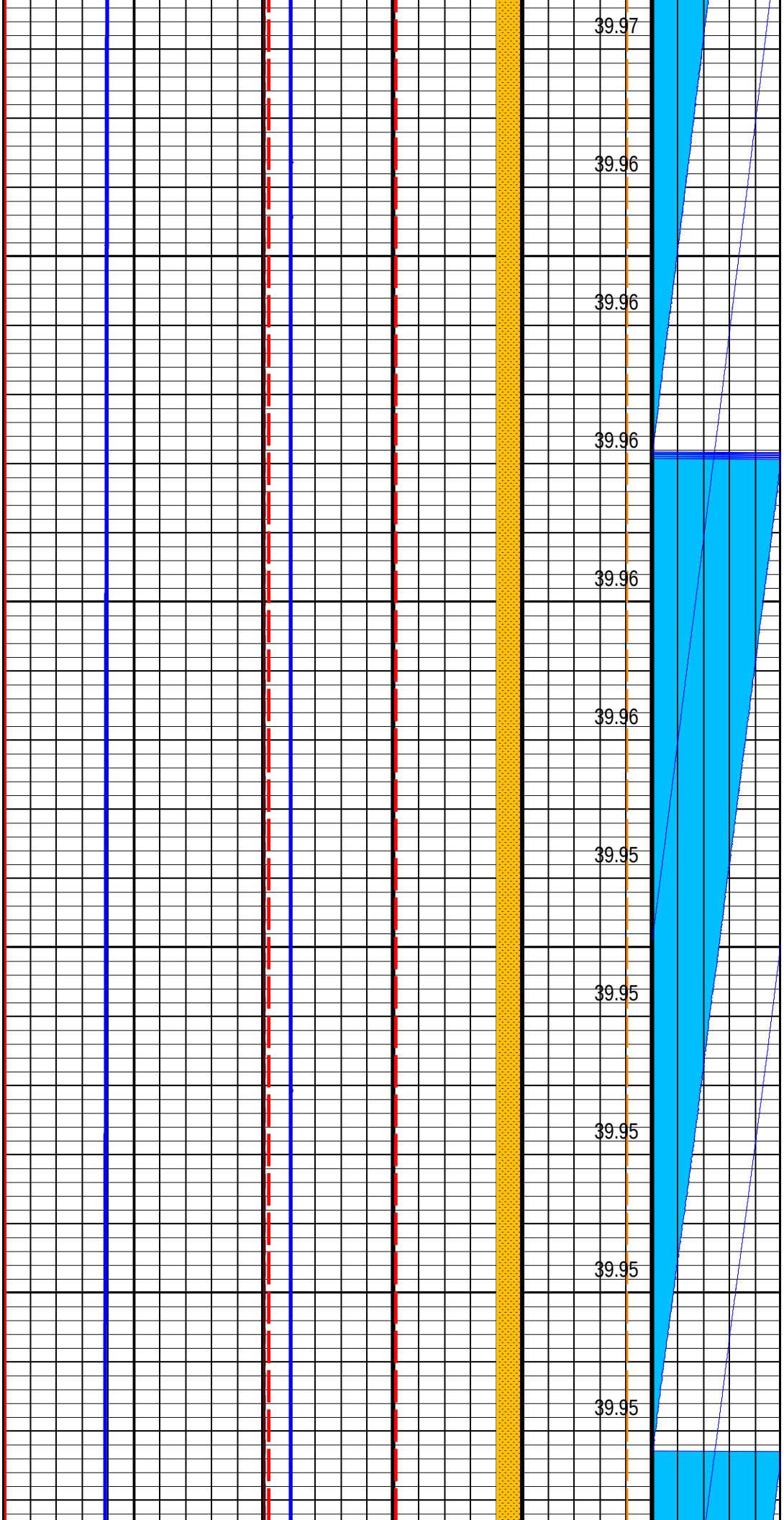
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08:45:20	808.22	810.4
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08:44:40	807.53	809.7
08:44:30	807.36	809.5
08:44:20	807.18	809.3
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08:43:40	806.47	808.6
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08:43:20	806.11	808.2
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08:42:30	805.22	807.3
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08:42:10	804.85	807.0
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08:39:10	801.51	803.6
08:39:00	801.31	803.4
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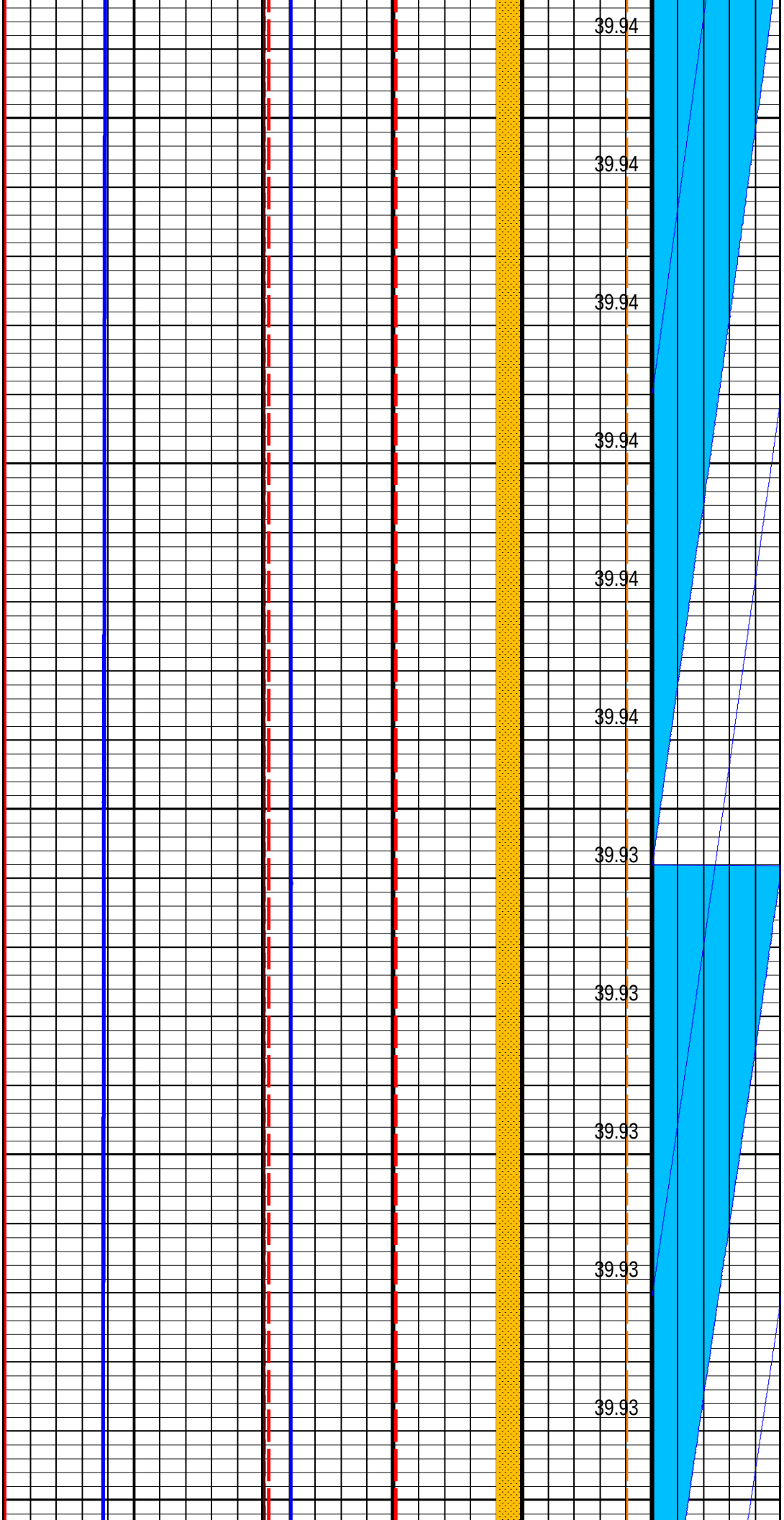
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08:29:00	789.26	791.3
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08:28:40	788.84	790.8
08:28:30	788.62	790.6
08:28:20	788.41	790.4
08:28:10	788.20	790.1
08:28:00	787.99	790.0
08:27:50	787.77	789.8
08:27:40	787.56	789.6
08:27:30	787.34	789.4
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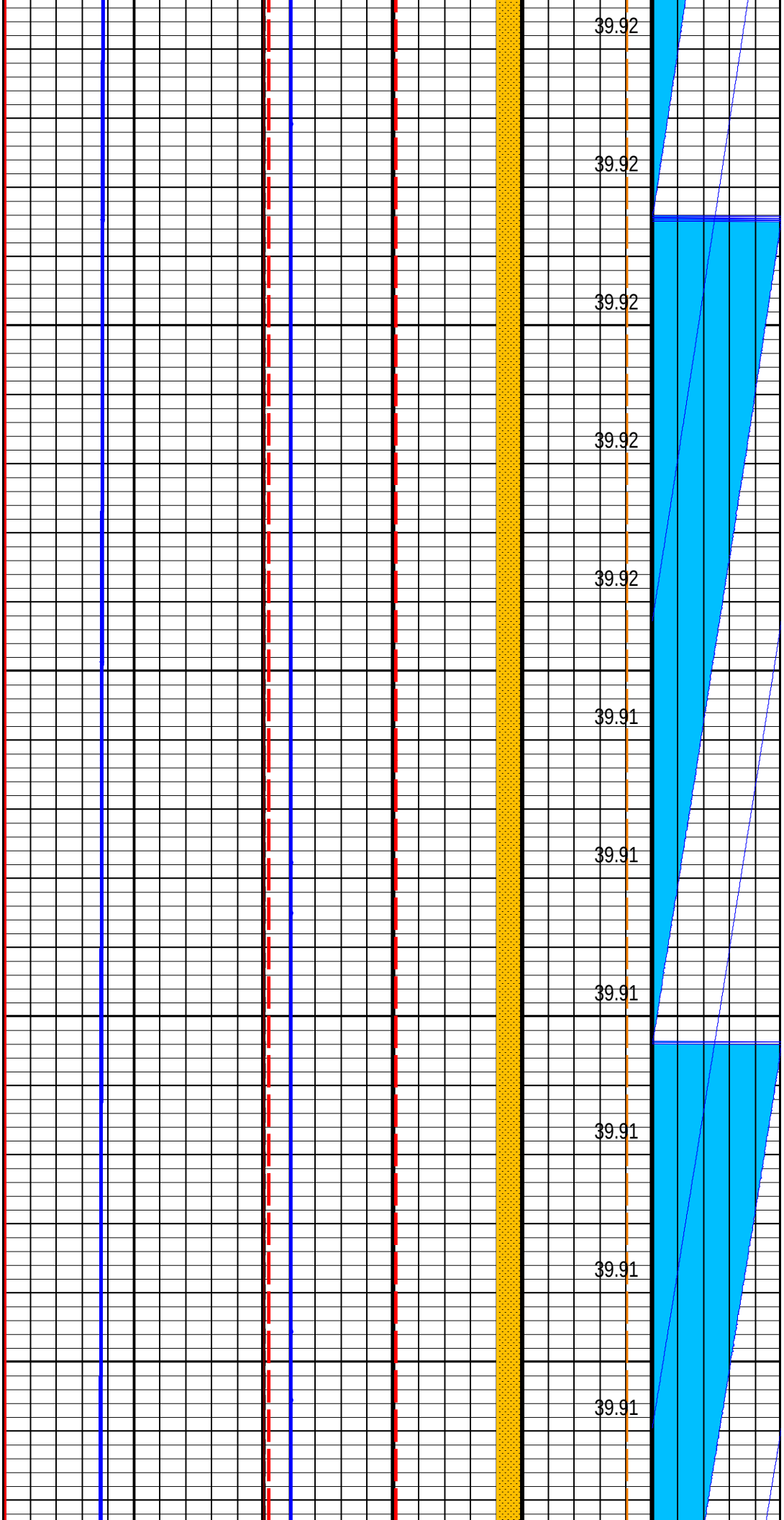
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08:25:30	784.75	786.7
08:25:20	784.53	786.5
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08:25:00	784.10	786.1
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08:24:20	783.21	785.2
08:24:10	782.99	785.0
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08:23:40	782.31	784.3
08:23:30	782.09	784.1
08:23:20	781.86	783.8
08:23:10	781.64	783.7
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08:22:50	781.19	783.2
08:22:40	780.95	783.0
08:22:30	780.73	782.7
08:22:20	780.51	782.5
08:22:10	780.28	782.2
08:22:00	780.06	782.1
08:21:50	779.82	781.9
08:21:40	779.60	781.6
08:21:30	779.39	781.4
08:21:20	779.15	781.1
08:21:10	778.93	780.9
08:21:00	778.69	780.7
08:20:50	778.46	780.4
08:20:40	778.24	780.2
08:20:30	778.02	780.0
08:20:20	777.77	779.8
08:20:10	777.53	779.5
08:20:00	777.32	779.3
08:19:50	777.09	779.1
08:19:40	776.88	778.8
08:19:30	776.65	778.6
08:19:20	776.42	778.4
08:19:10	776.20	778.2
08:19:00	775.96	777.9
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08:18:40	775.49	777.5
08:18:30	775.24	777.2
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08:18:00	774.54	776.5
08:17:50	774.28	776.3
08:17:40	774.06	776.0
08:17:30	773.83	775.8
08:17:20	773.59	775.5
08:17:10	773.38	775.3
08:17:00	773.15	775.1
08:16:50	772.91	774.9
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08:16:30	772.46	774.3
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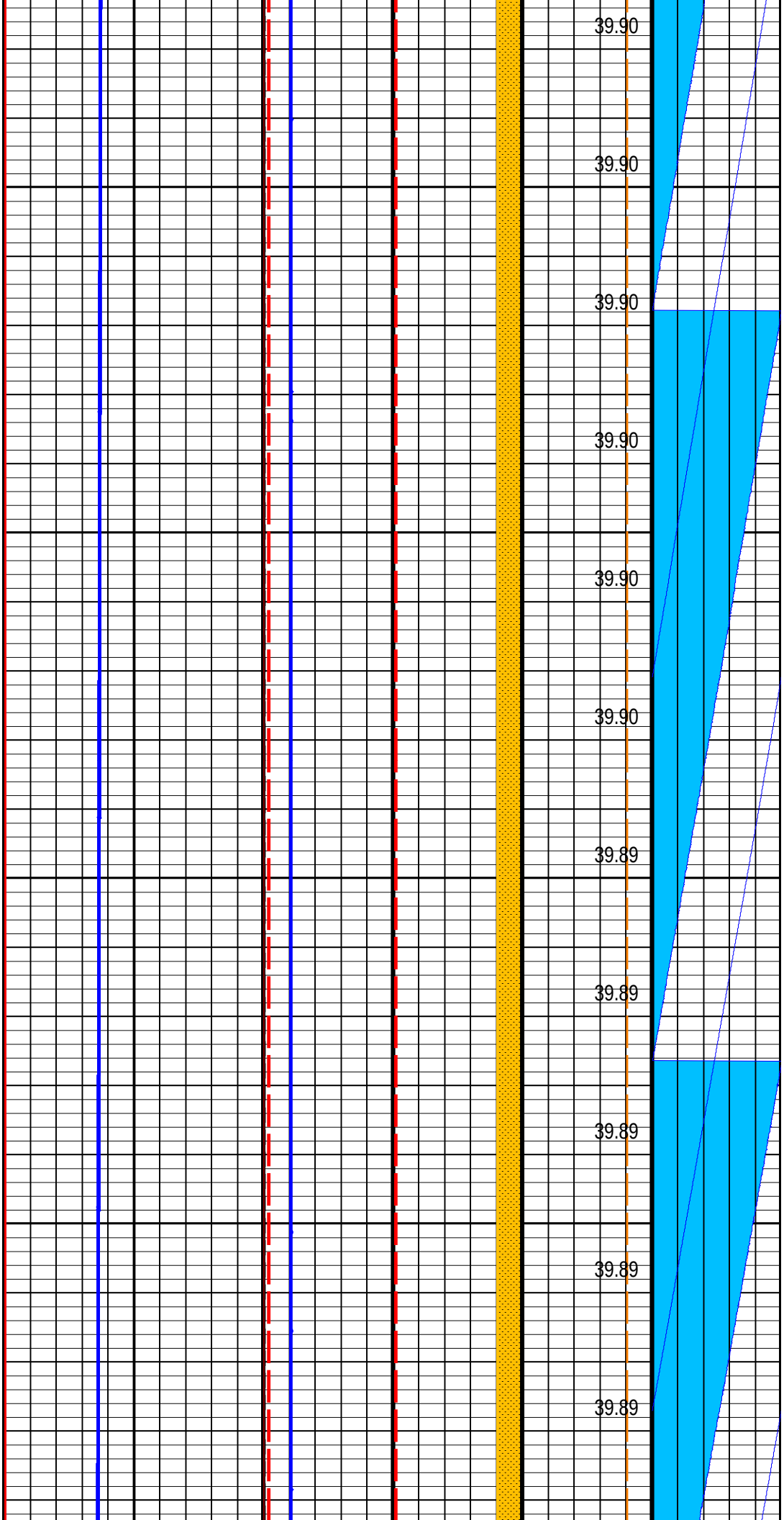
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08:14:30	769.58	771.5
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08:13:40	768.35	770.3
08:13:30	768.10	770.0
08:13:20	767.86	769.8
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08:12:30	766.60	768.5
08:12:20	766.35	768.2
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08:12:00	765.87	767.7
08:11:50	765.60	767.5
08:11:40	765.36	767.3
08:11:30	765.13	767.0
08:11:20	764.87	766.7
08:11:10	764.63	766.5
08:11:00	764.37	766.2
08:10:50	764.12	766.0
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08:10:30	763.63	765.5
08:10:20	763.36	765.2
08:10:10	763.11	765.0
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08:09:40	762.34	764.2
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08:08:20	760.28	762.2
08:08:10	760.02	761.9
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08:07:40	759.25	761.1
08:07:30	758.98	760.8
08:07:20	758.71	760.6
08:07:10	758.44	760.3
08:07:00	758.19	760.0
08:06:50	757.92	759.8
08:06:40	757.66	759.5
08:06:30	757.40	759.2
08:06:20	757.13	759.0
08:06:10	756.86	758.7
08:06:00	756.60	758.5
08:05:50	756.33	758.2
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08:05:30	755.80	757.7
08:05:20	755.53	757.4



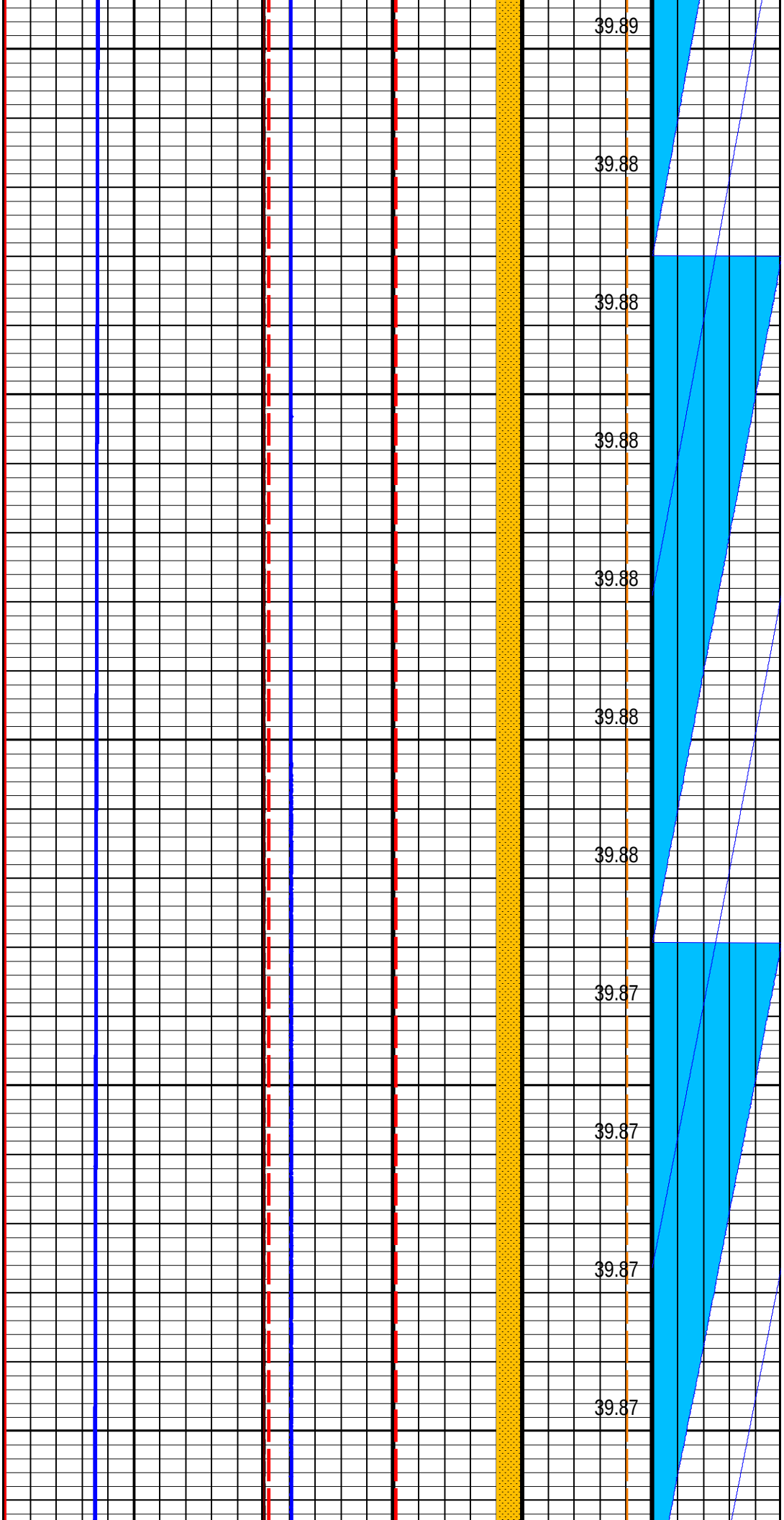
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08:04:20	753.91	755.8
08:04:10	753.65	755.5
08:04:00	753.37	755.3
08:03:50	753.09	755.0
08:03:40	752.82	754.7
08:03:30	752.56	754.4
08:03:20	752.27	754.2
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08:03:00	751.74	753.6
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08:02:40	751.19	753.1
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08:01:50	749.81	751.7
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08:01:00	748.43	750.3
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07:56:30	740.79	742.7
07:56:20	740.49	742.4
07:56:10	740.21	742.1
07:56:00	739.92	741.8
07:55:50	739.63	741.5
07:55:40	739.34	741.2
07:55:30	739.06	741.0
07:55:20	738.77	740.7
07:55:10	738.48	740.4
07:55:00	738.19	740.1
07:54:50	737.88	739.8
07:54:40	737.60	739.5
07:54:30	737.31	739.2
07:54:20	737.01	738.9



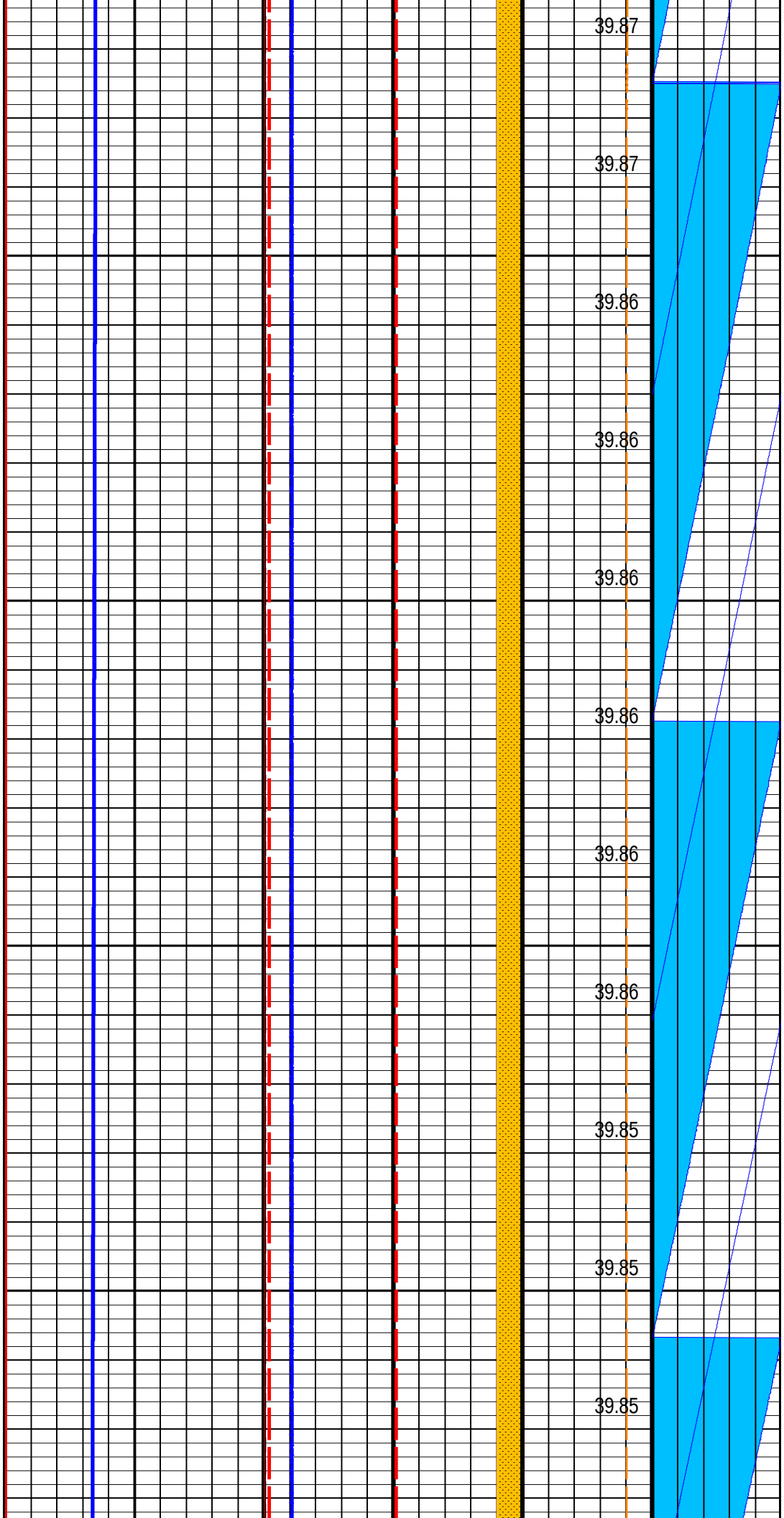
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07:52:50	734.33	736.2
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07:51:40	732.23	734.1
07:51:30	731.92	733.8
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07:50:50	730.71	732.5
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07:49:30	728.34	730.2
07:49:20	728.04	729.9
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07:49:00	727.44	729.3
07:48:50	727.12	729.0
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07:47:10	724.01	725.9
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07:46:10	722.13	723.9
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07:45:50	721.50	723.3
07:45:40	721.19	723.0
07:45:30	720.87	722.7
07:45:20	720.54	722.4
07:45:10	720.24	722.0
07:45:00	719.93	721.8
07:44:50	719.61	721.4
07:44:40	719.30	721.1
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07:44:20	718.65	720.5
07:44:10	718.33	720.1
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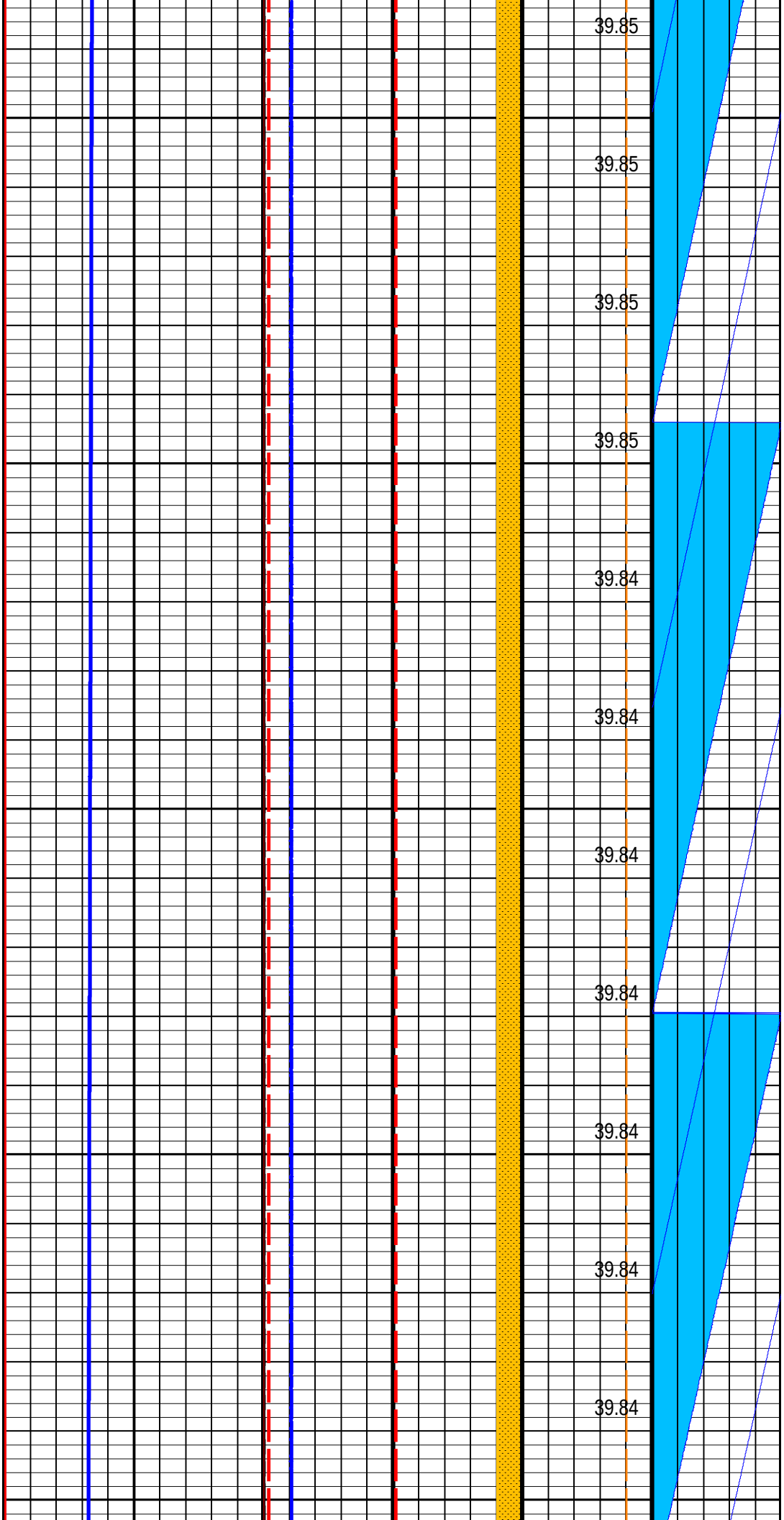
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07:37:50	705.90	707.6
07:37:40	705.56	707.2
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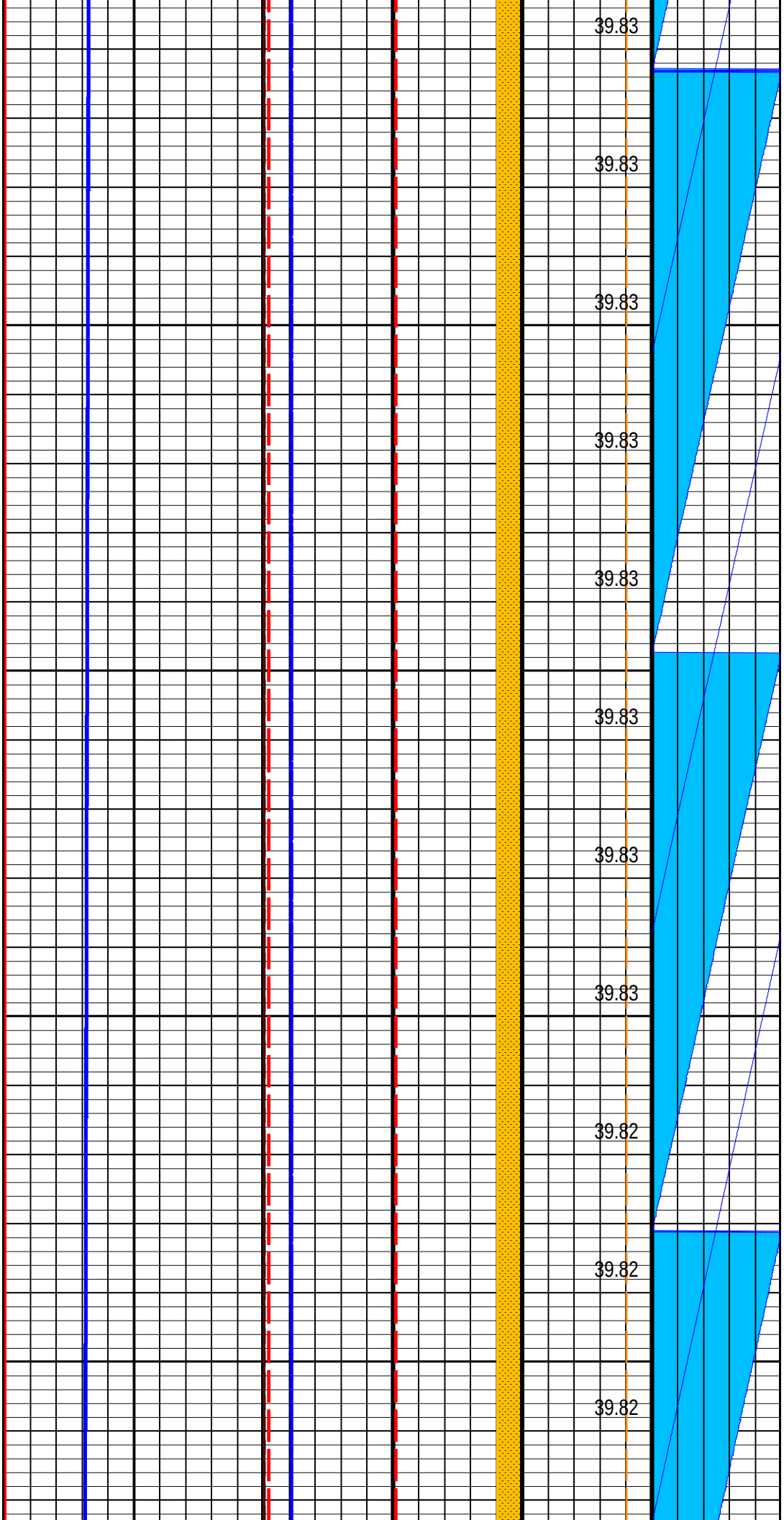
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07:27:10	683.33	685.0
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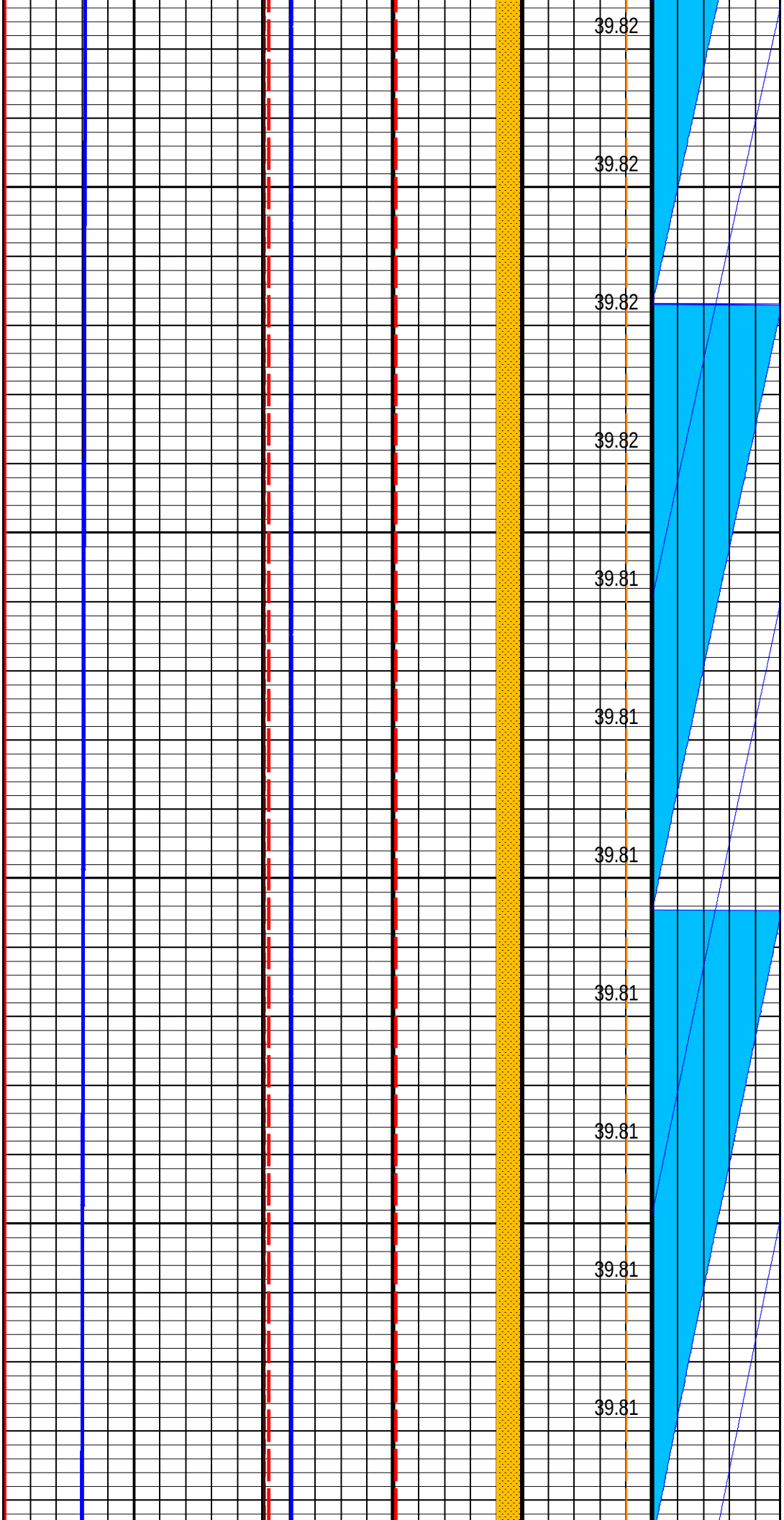
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07:16:00	657.97	659.6
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07:11:20	646.94	648.5
07:11:10	646.56	648.1
07:11:00	646.16	647.7
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07:10:30	644.98	646.6
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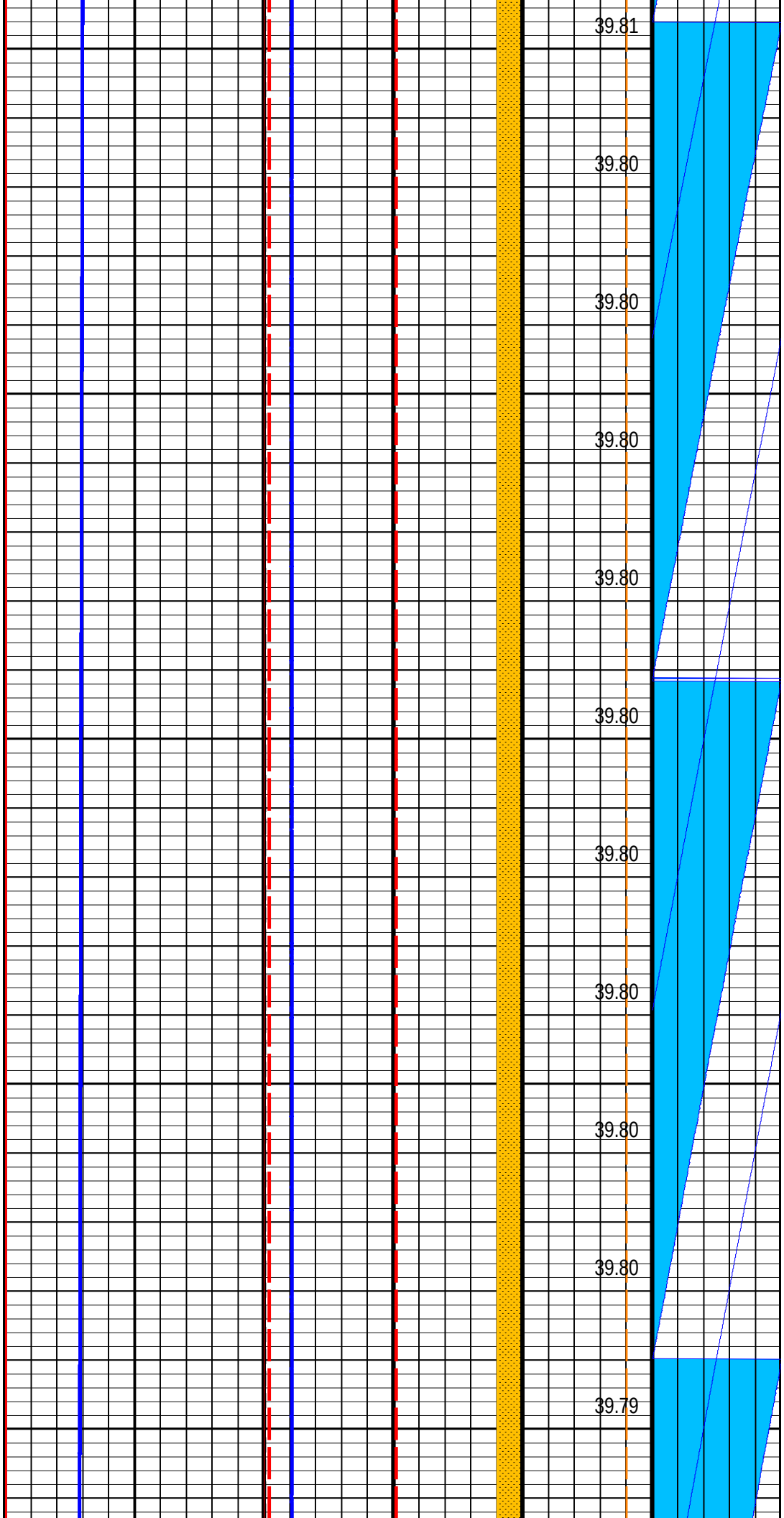
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07:00:10	620.52	622.0
07:00:00	620.15	621.6
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06:59:30	618.99	620.4
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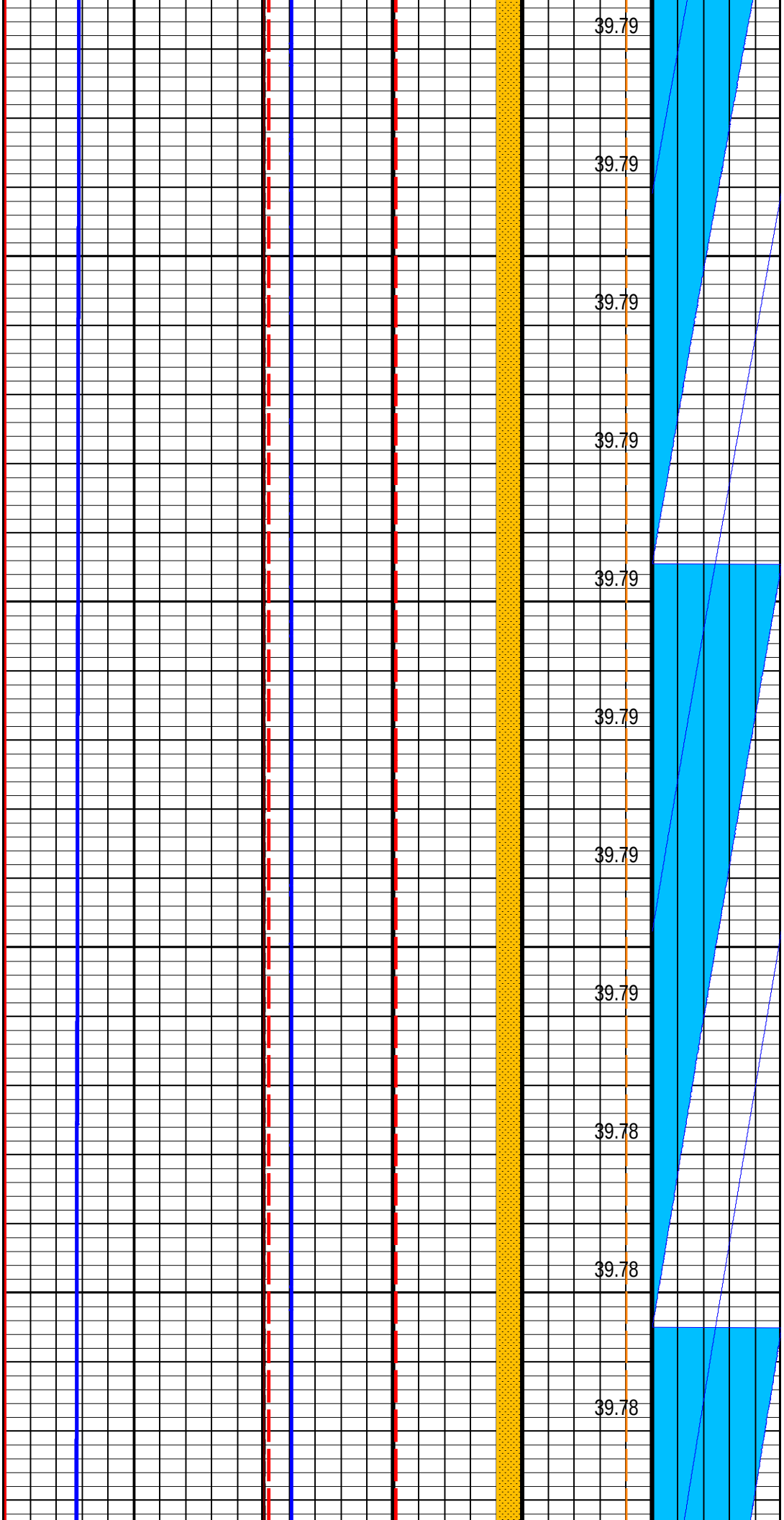
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06:49:30	596.31	597.8
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06:48:30	594.16	595.6
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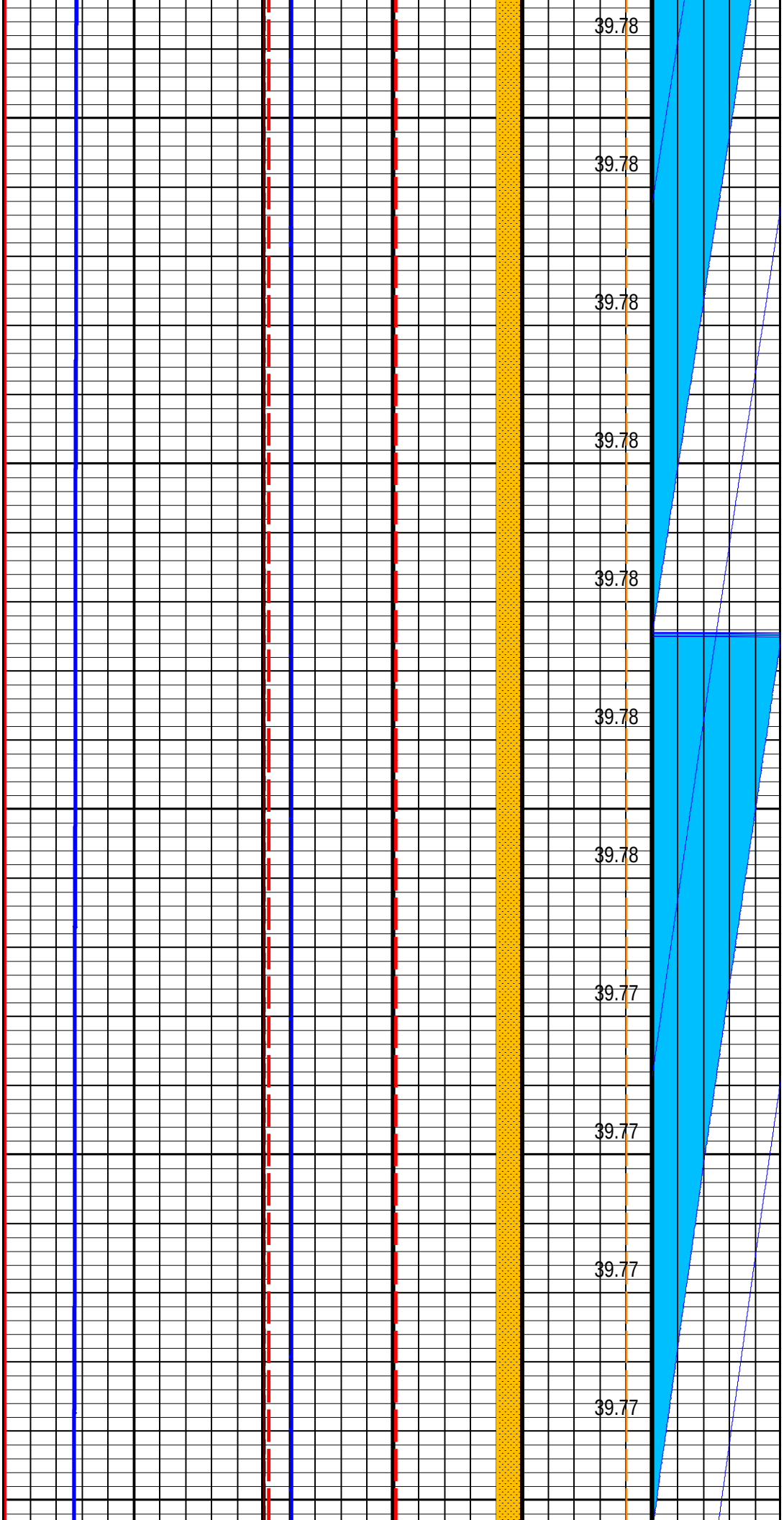
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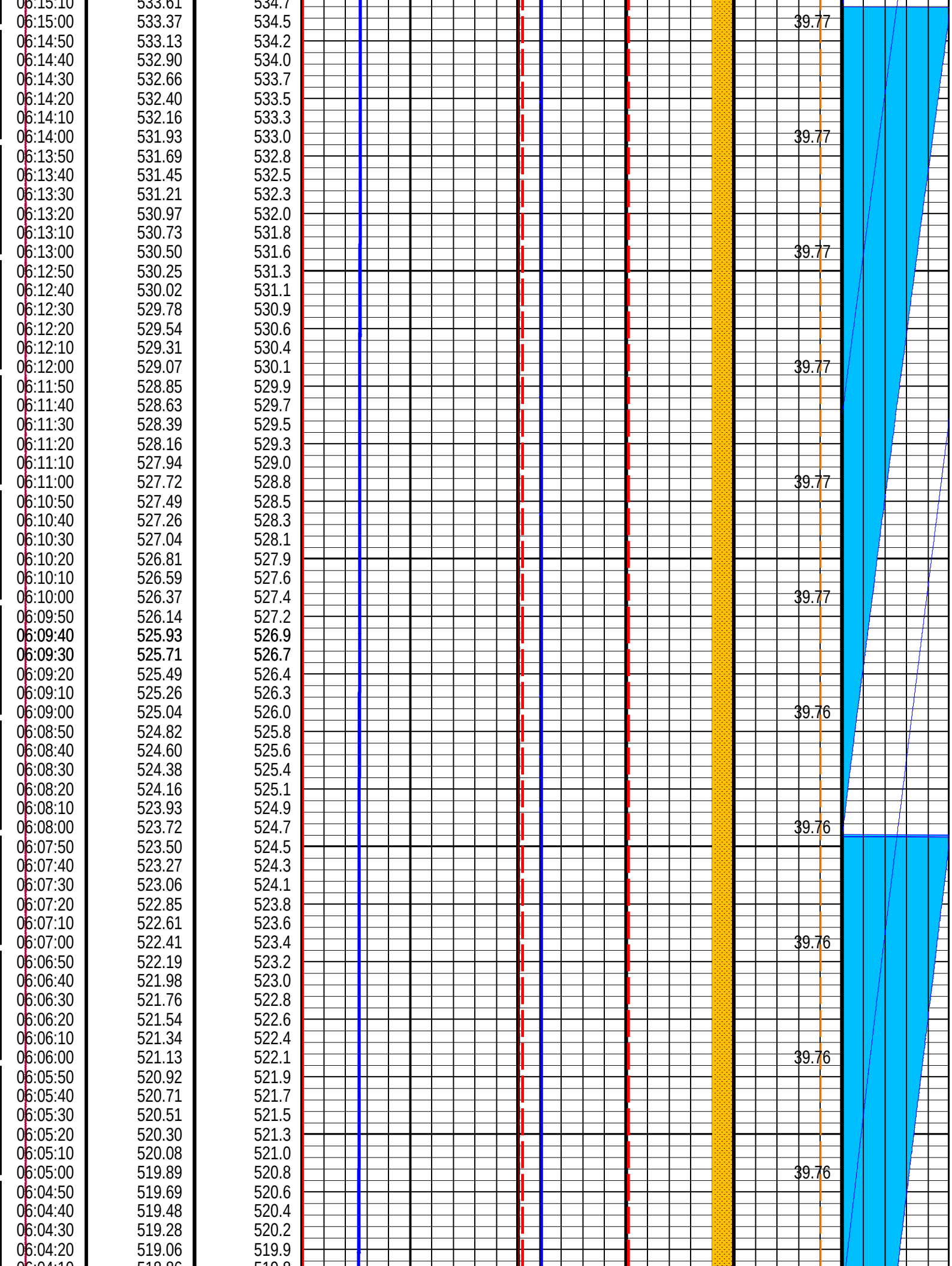
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06:27:20	552.89	554.2
06:27:10	552.60	553.9
06:27:00	552.32	553.6
06:26:50	552.02	553.3
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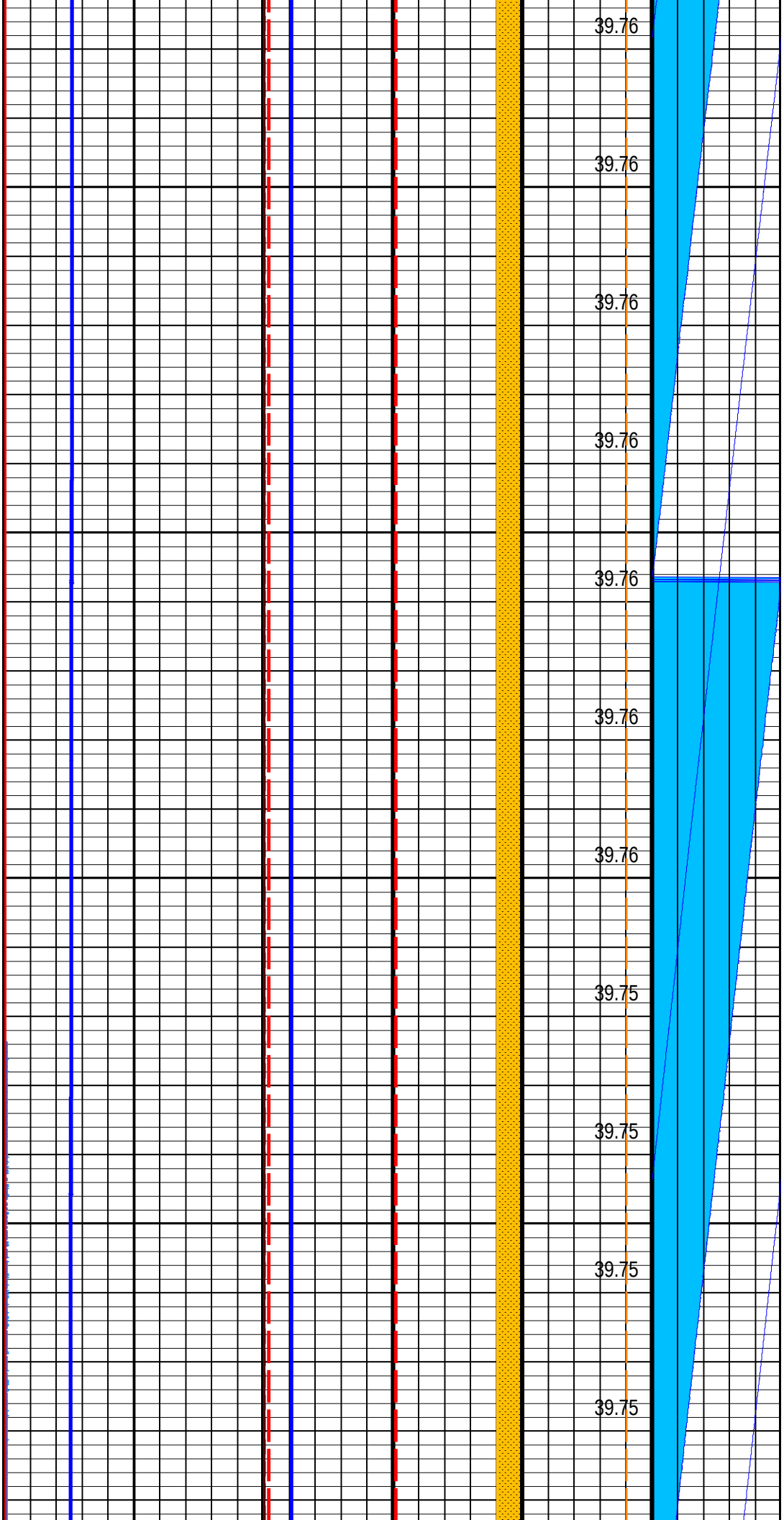
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06:22:10	544.30	545.6
06:22:00	544.04	545.3
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06:21:10	542.73	543.9
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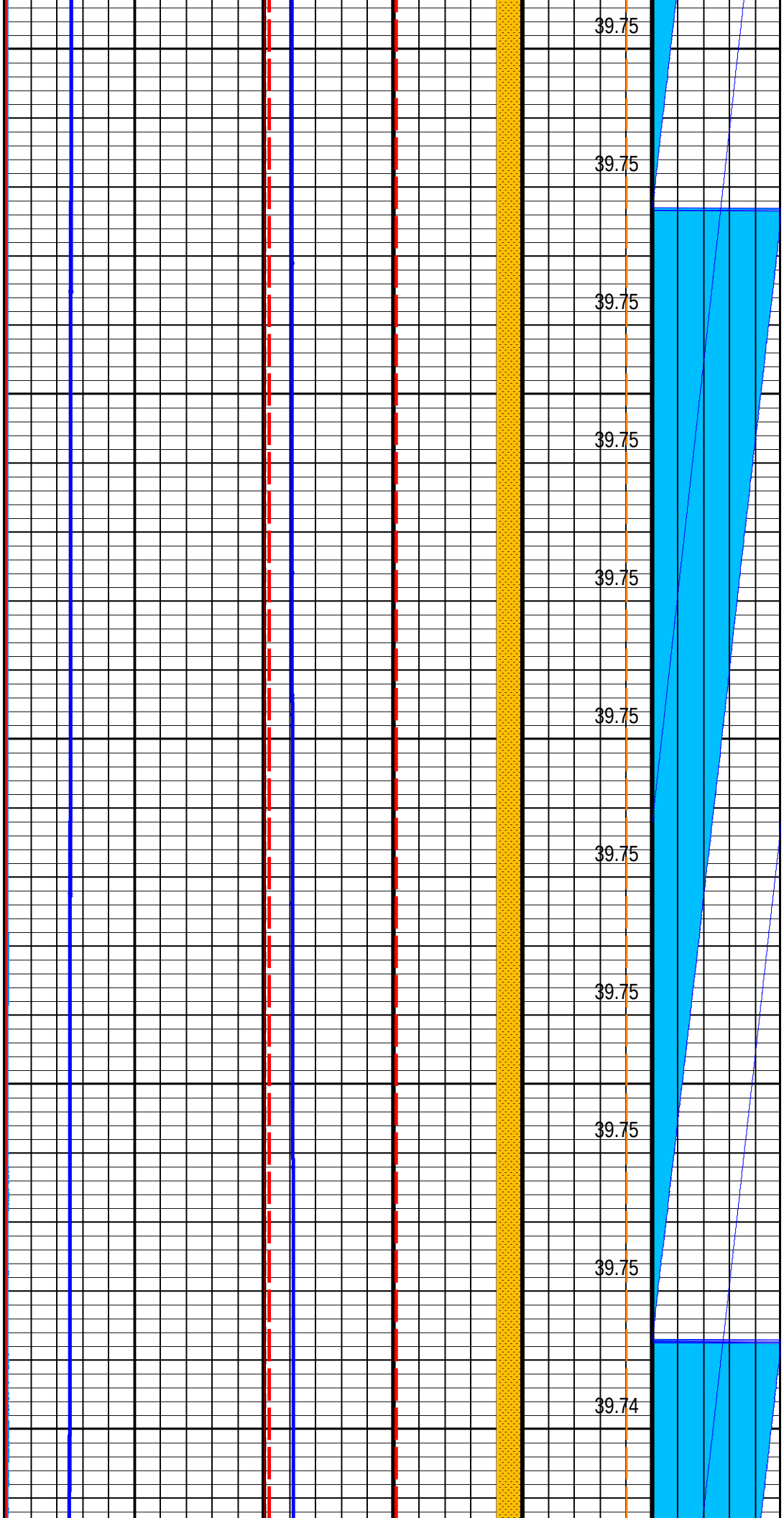
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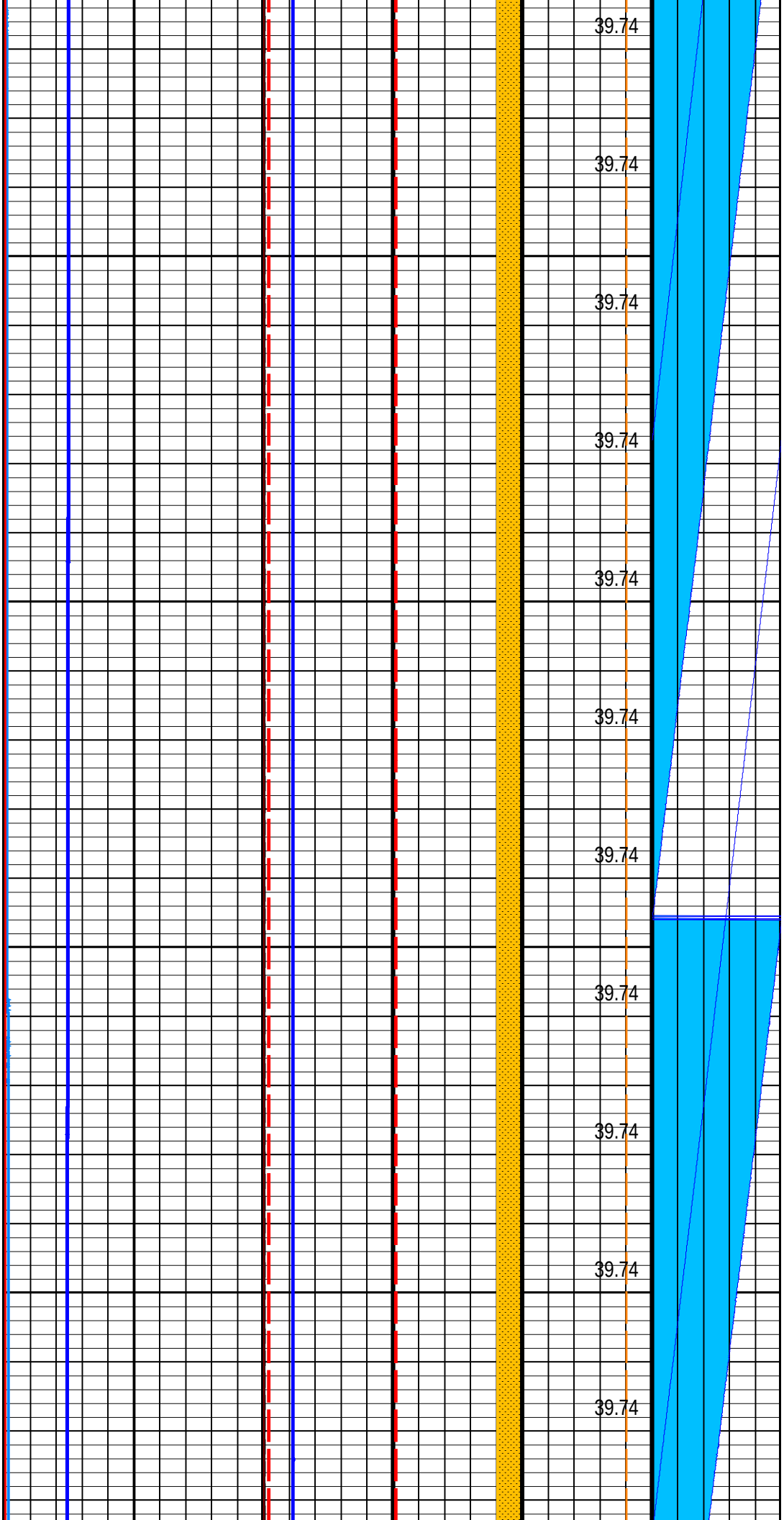
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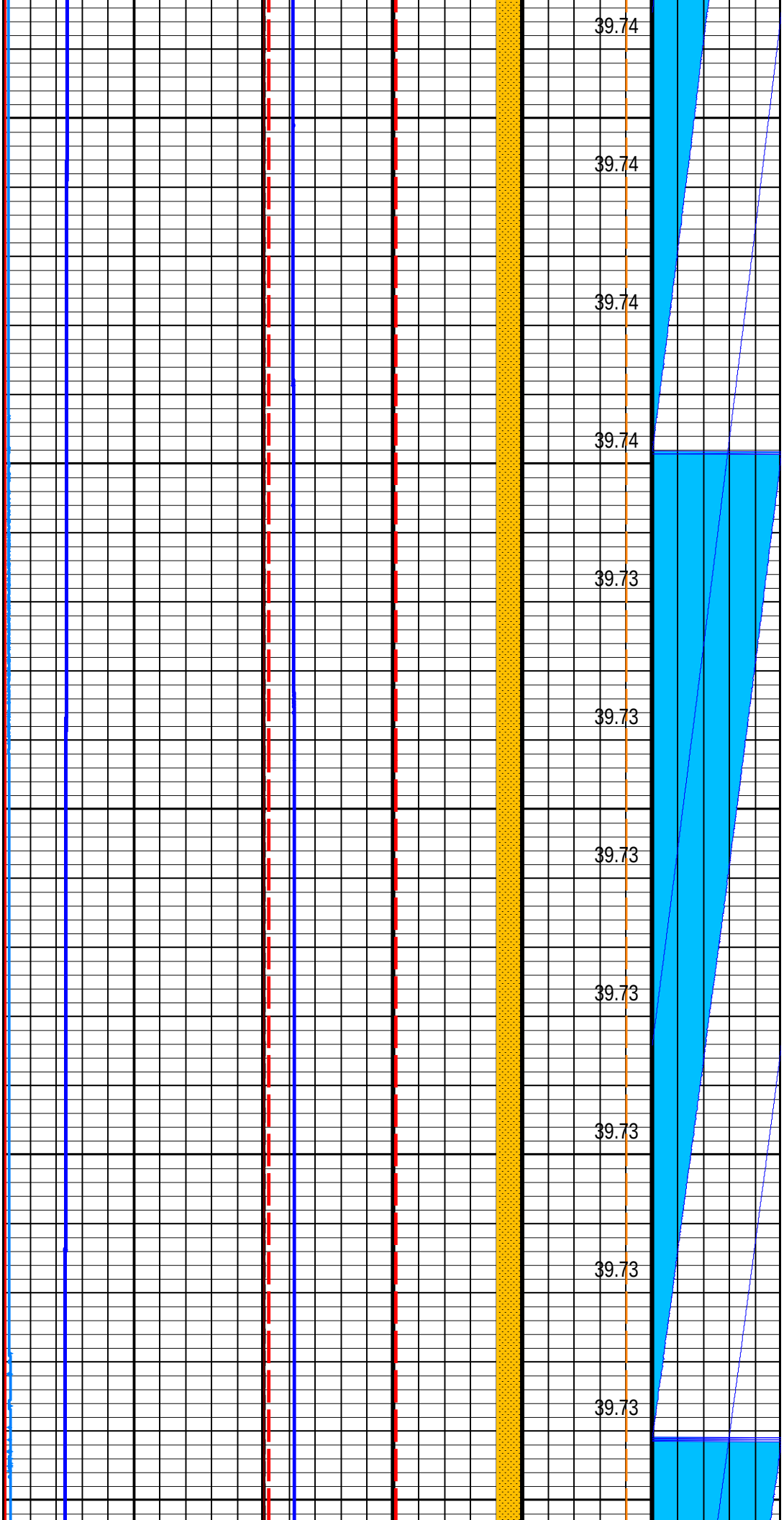
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05:43:30	494.13	494.7
05:43:20	493.92	494.4
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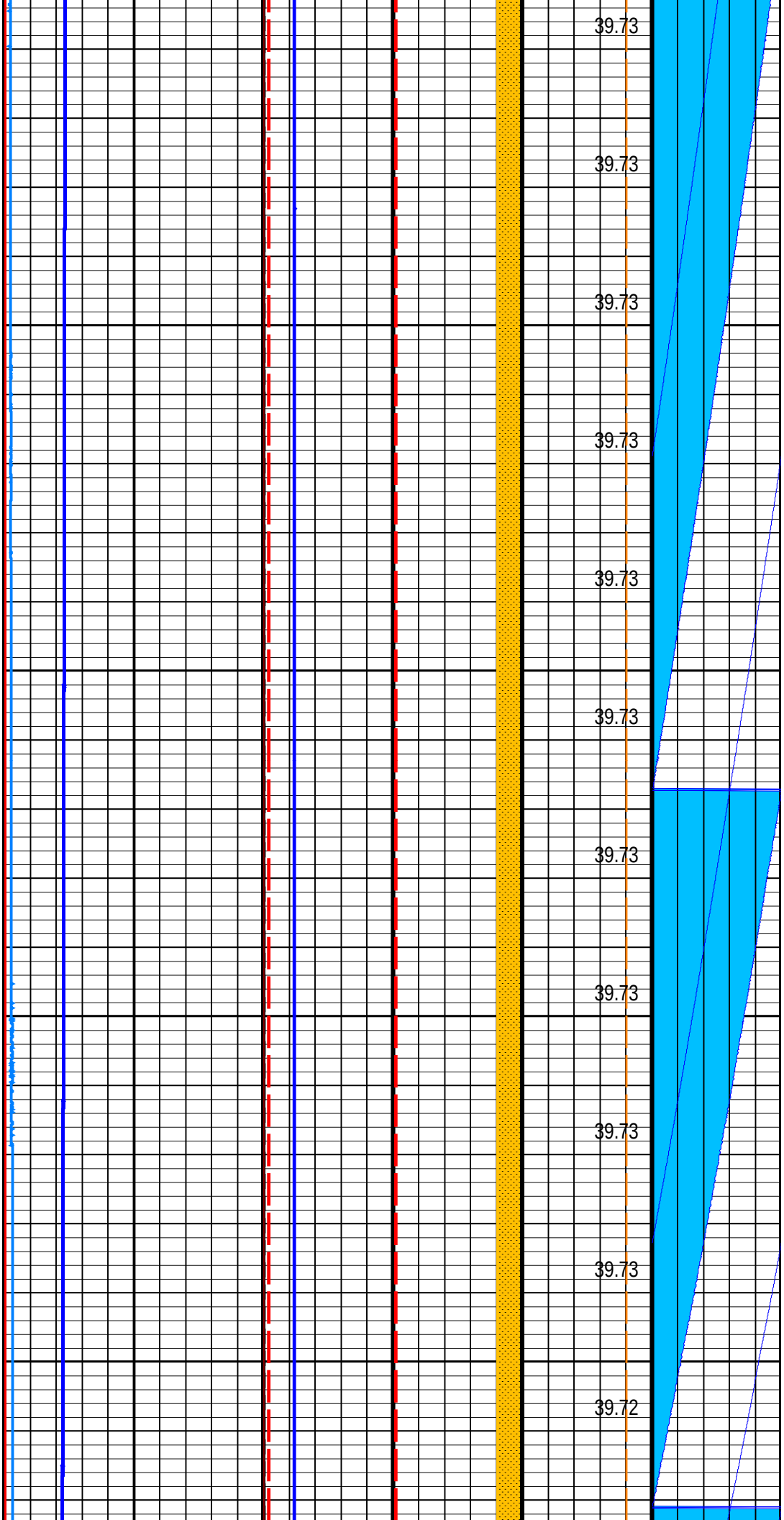
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05:32:10	480.03	480.3
05:32:00	479.82	480.1
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05:31:30	479.16	479.4
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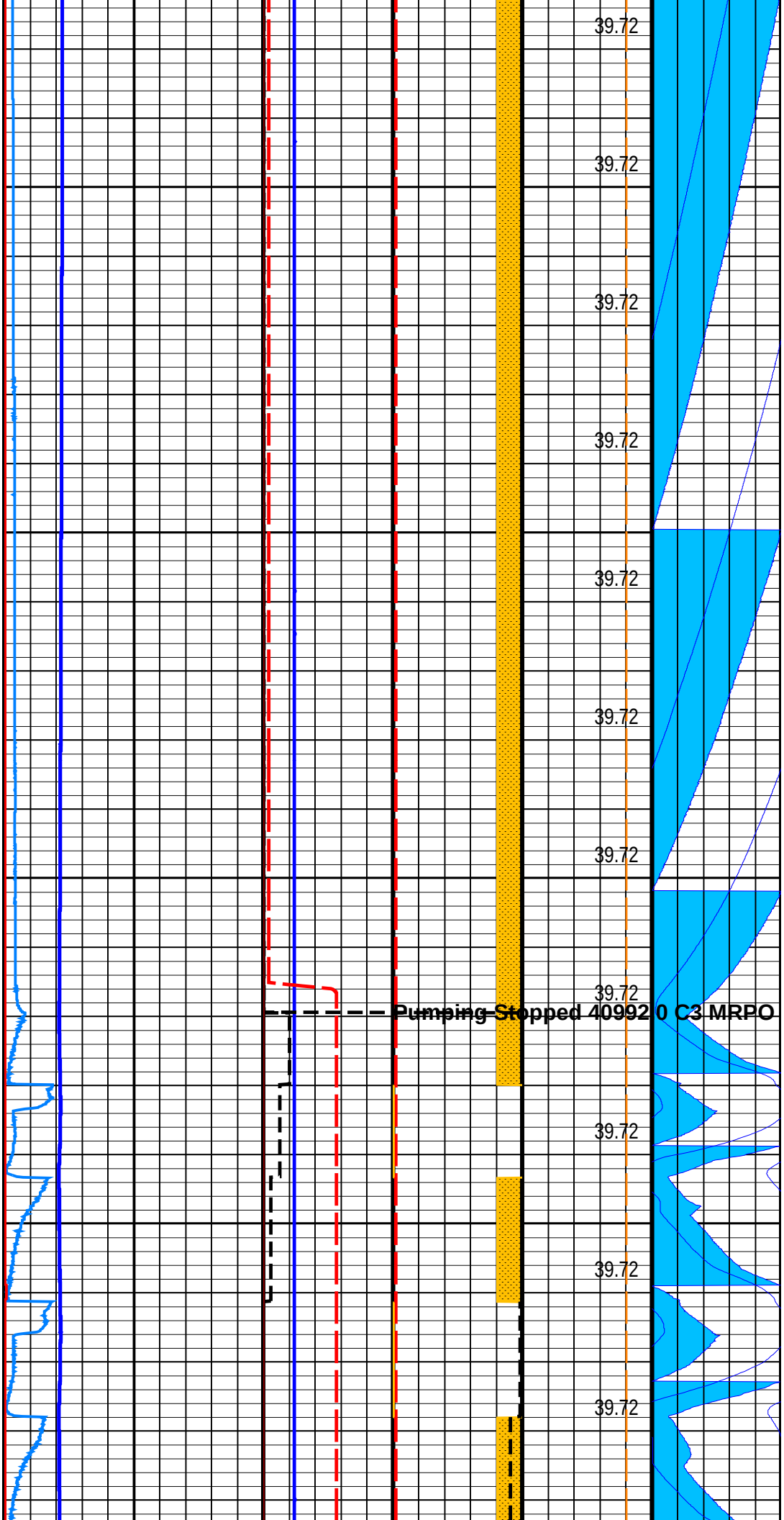
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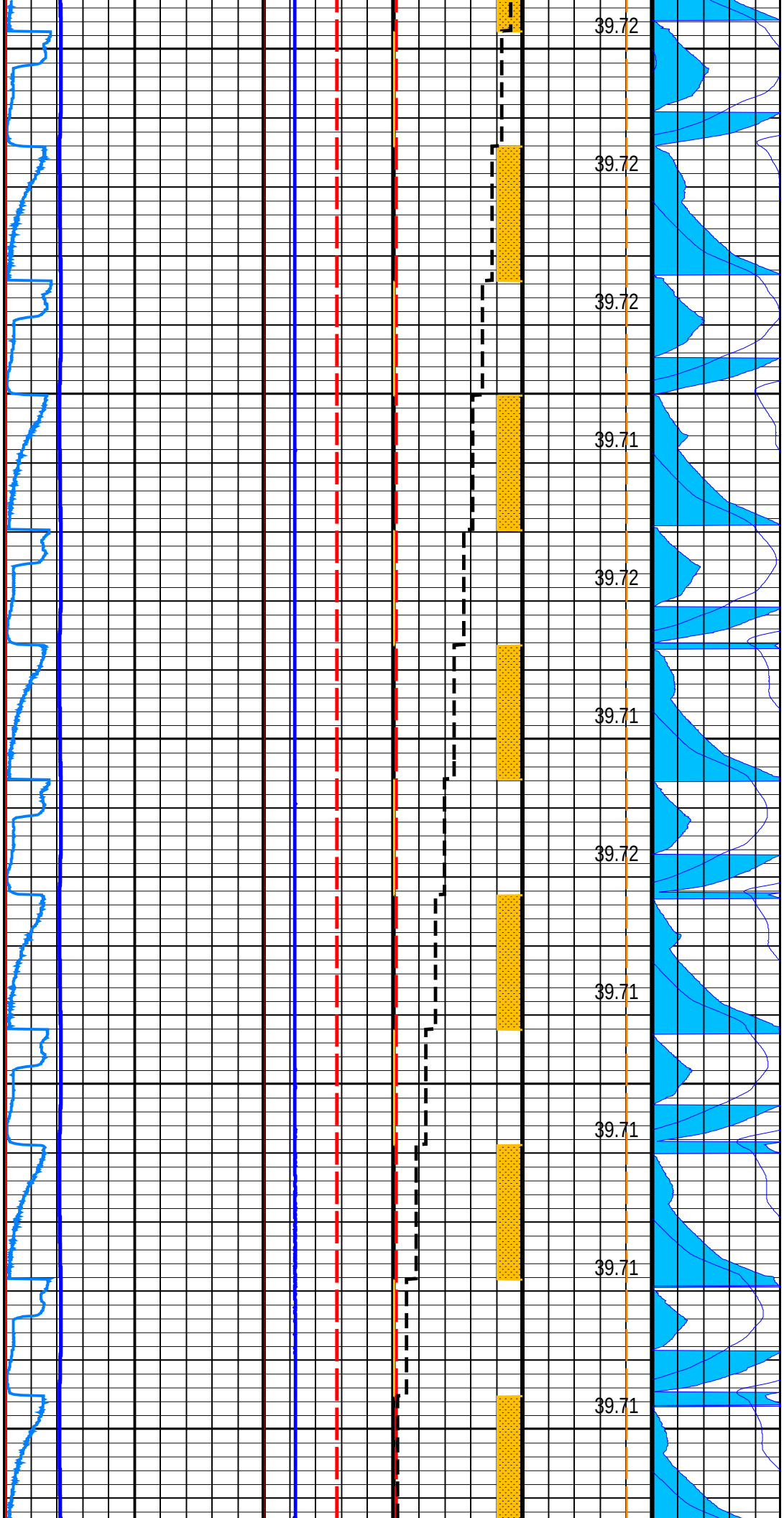
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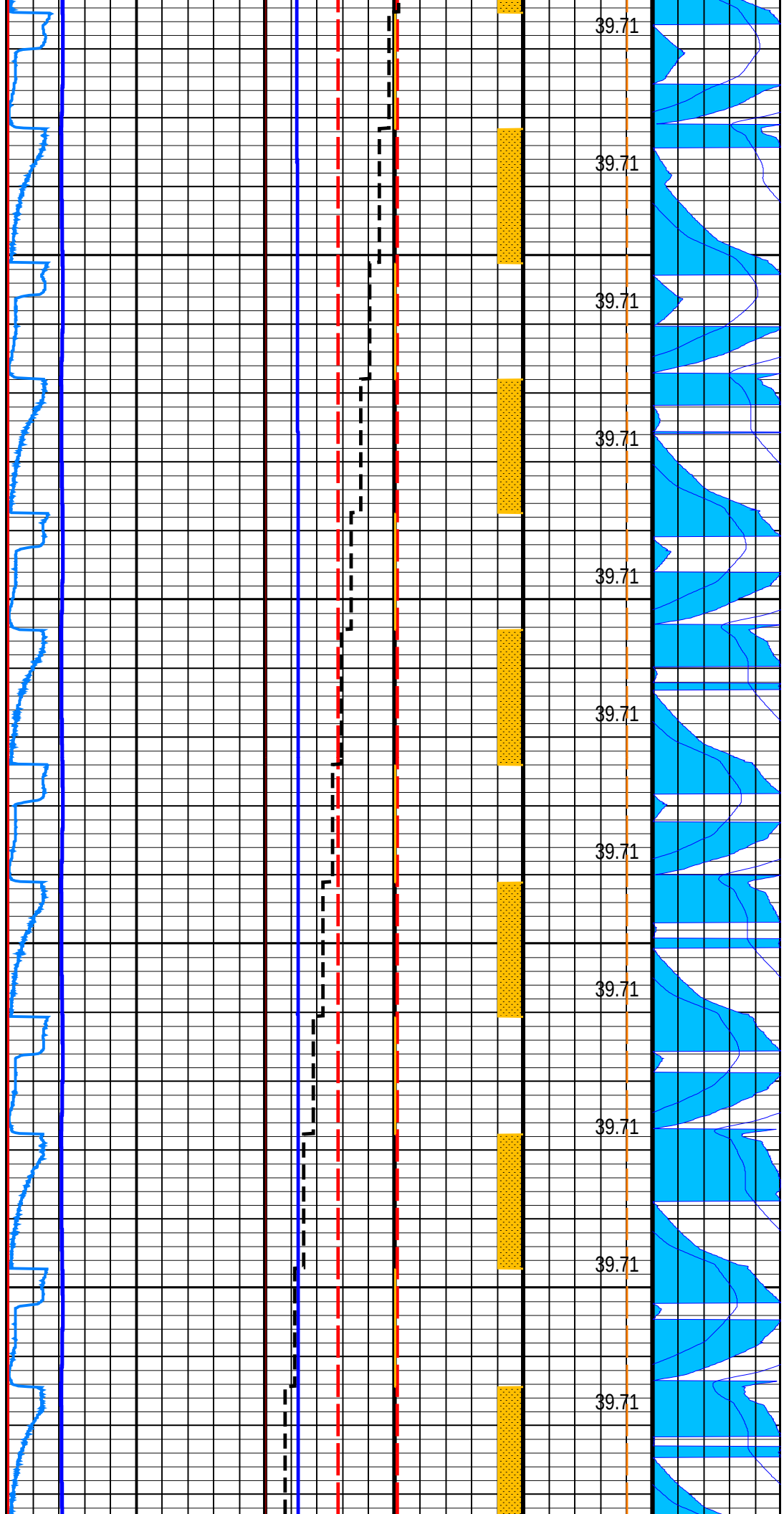
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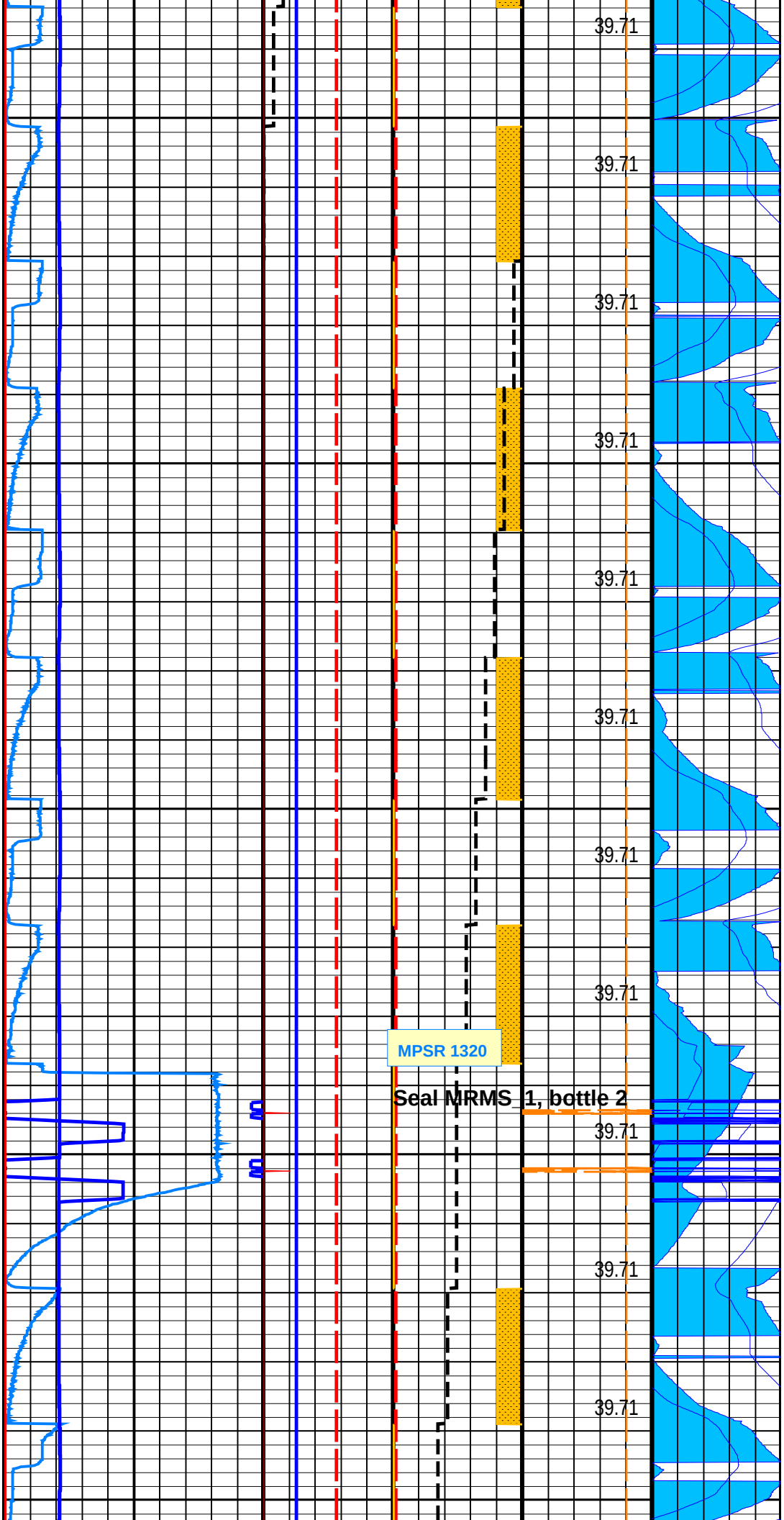
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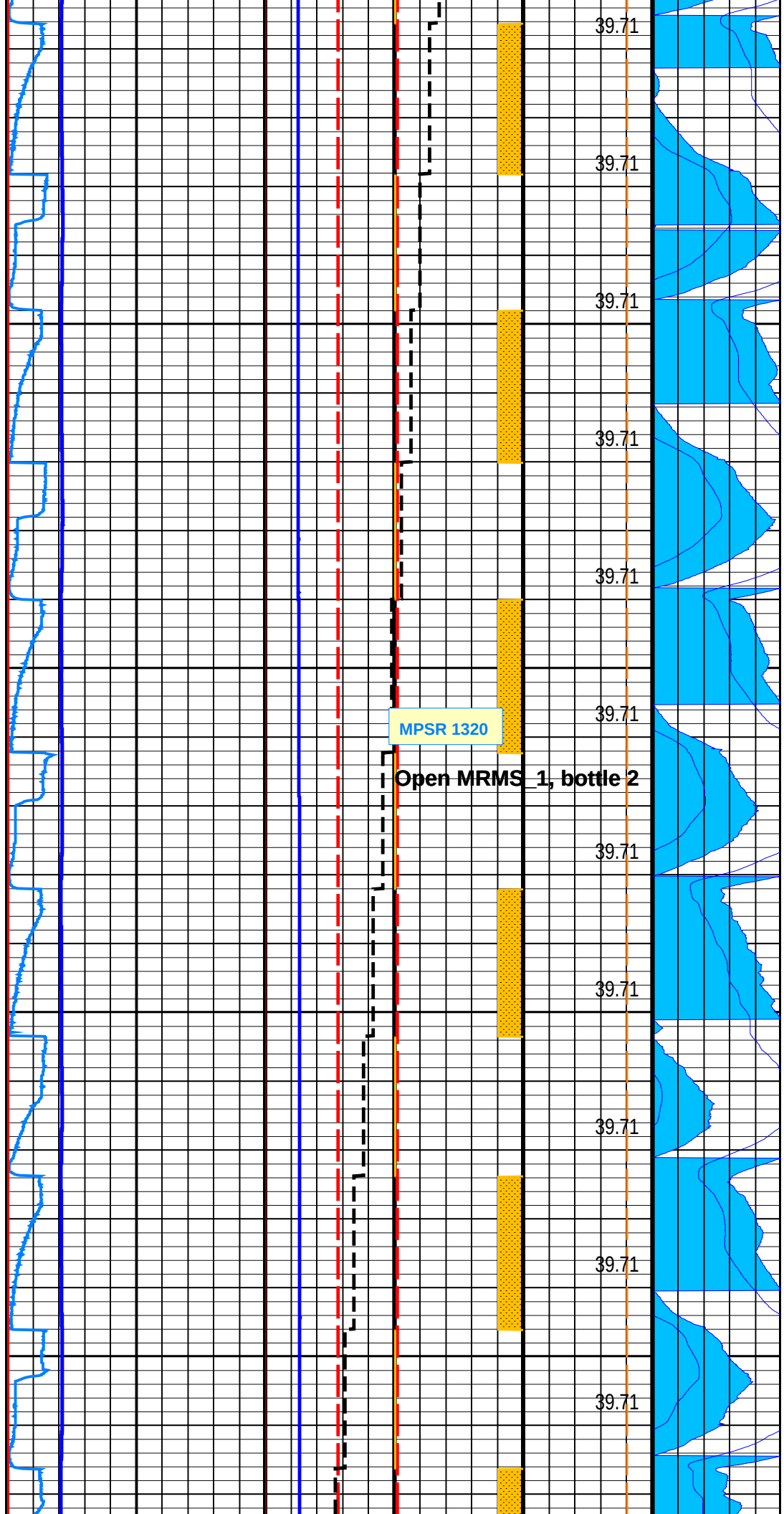
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04:45:00	426.21	426.4
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04:43:00	423.54	423.9
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04:37:40	424.71	424.9
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04:37:20	418.95	419.6
04:37:10	413.60	411.7
04:37:00	415.47	413.5
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04:36:30	418.30	416.2
04:36:20	420.36	418.2



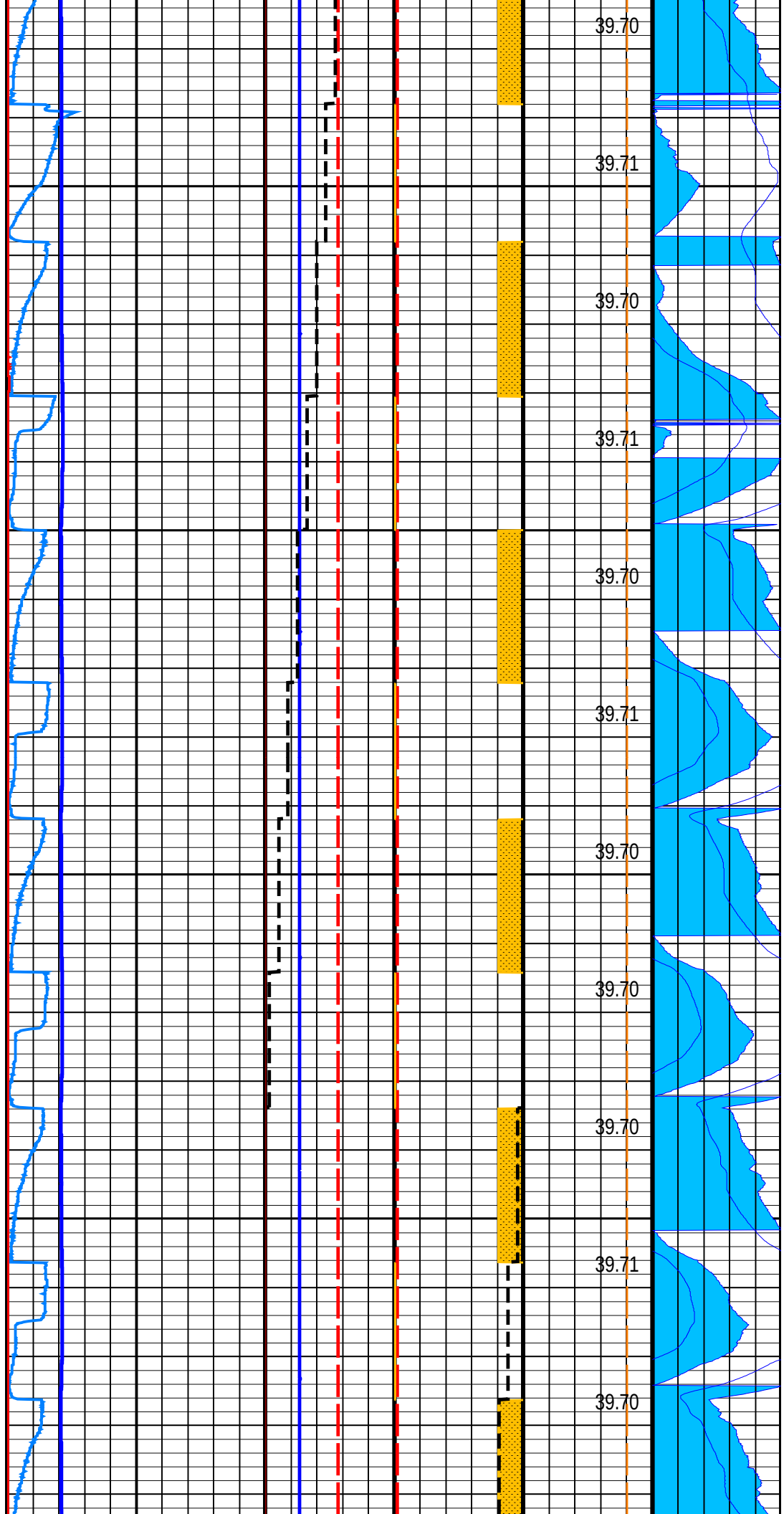
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04:34:20	423.82	422.0
04:34:10	424.99	423.4
04:34:00	425.06	425.1
04:33:50	423.73	423.8
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04:33:10	415.79	413.9
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04:32:20	423.32	421.4
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04:31:30	414.83	413.5
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04:29:20	415.98	414.1
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04:26:30	416.46	415.2
04:26:20	417.47	415.4
04:26:10	419.28	417.2
04:26:00	422.56	420.1
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04:25:30	424.40	424.5
04:25:20	421.36	421.9



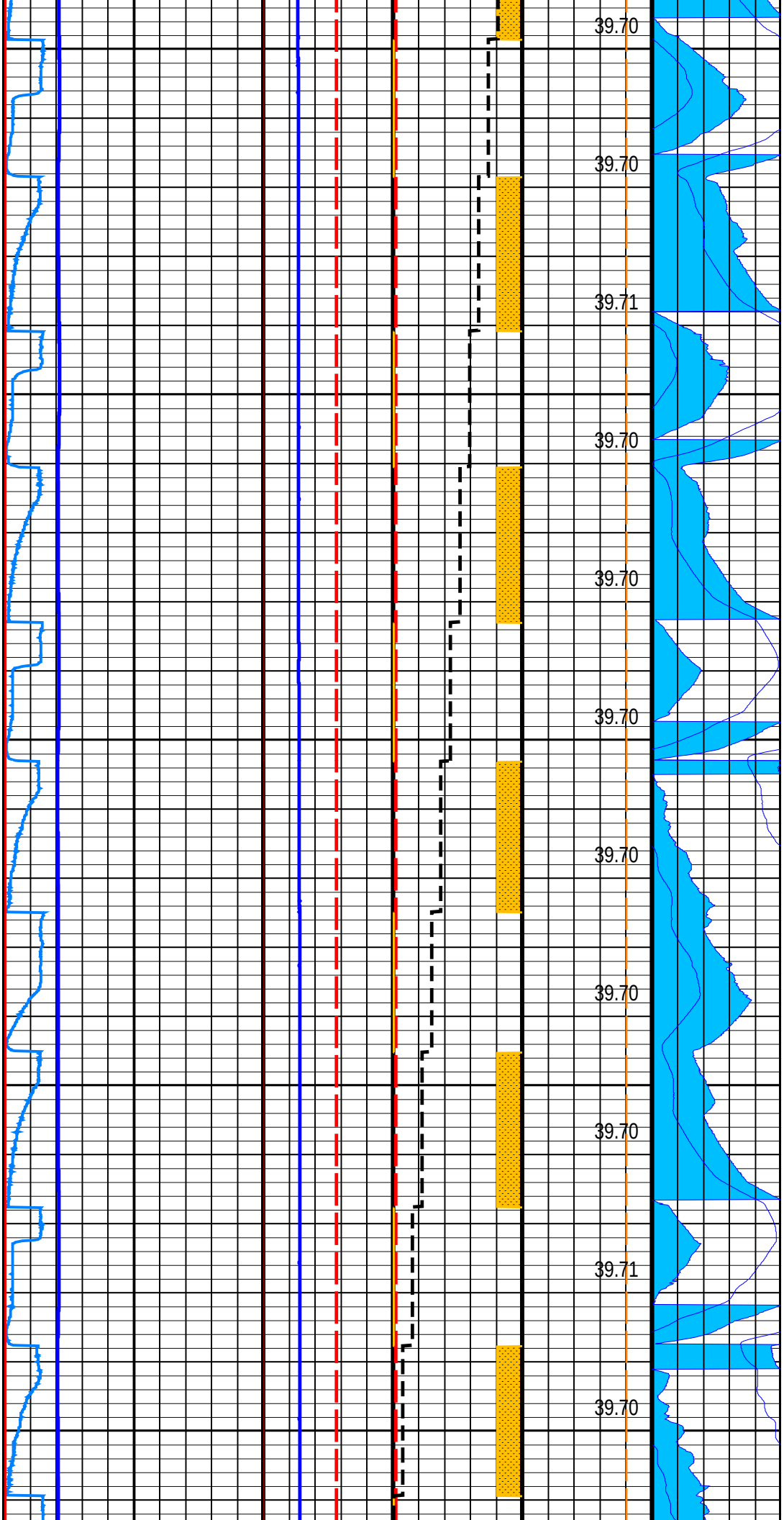
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04:20:30	414.98	413.3
04:20:20	415.12	413.1
04:20:10	416.37	414.4
04:20:00	417.82	415.8
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04:19:10	421.01	421.3
04:19:00	417.52	418.1
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04:16:30	414.01	412.0
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04:16:00	415.66	413.6
04:15:50	417.12	415.1
04:15:40	419.30	416.9
04:15:30	421.49	419.8
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04:15:10	421.85	422.0
04:15:00	420.52	420.4
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04:14:30	412.03	410.5
04:14:20	412.80	411.2



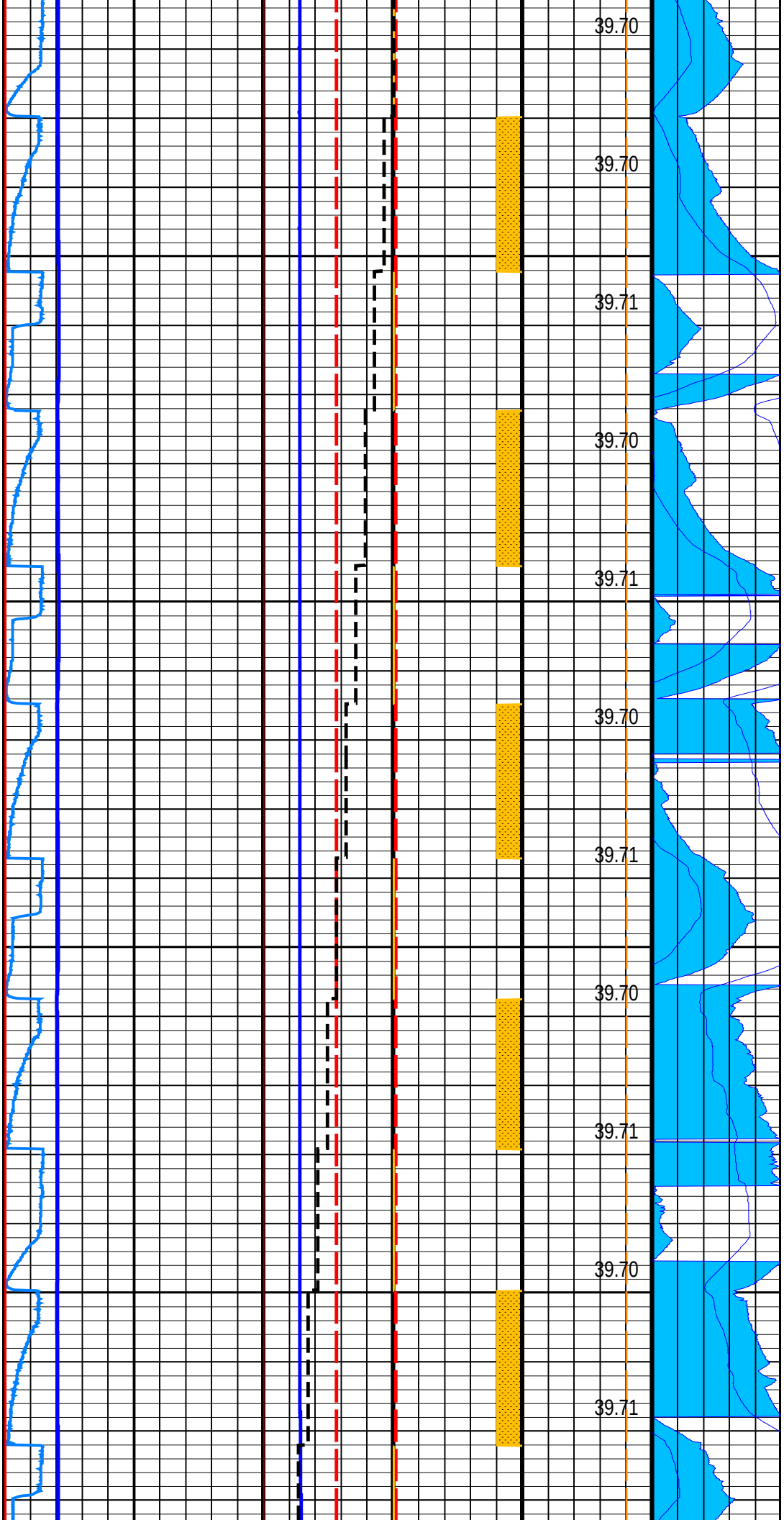
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04:03:20	414.92	412.9



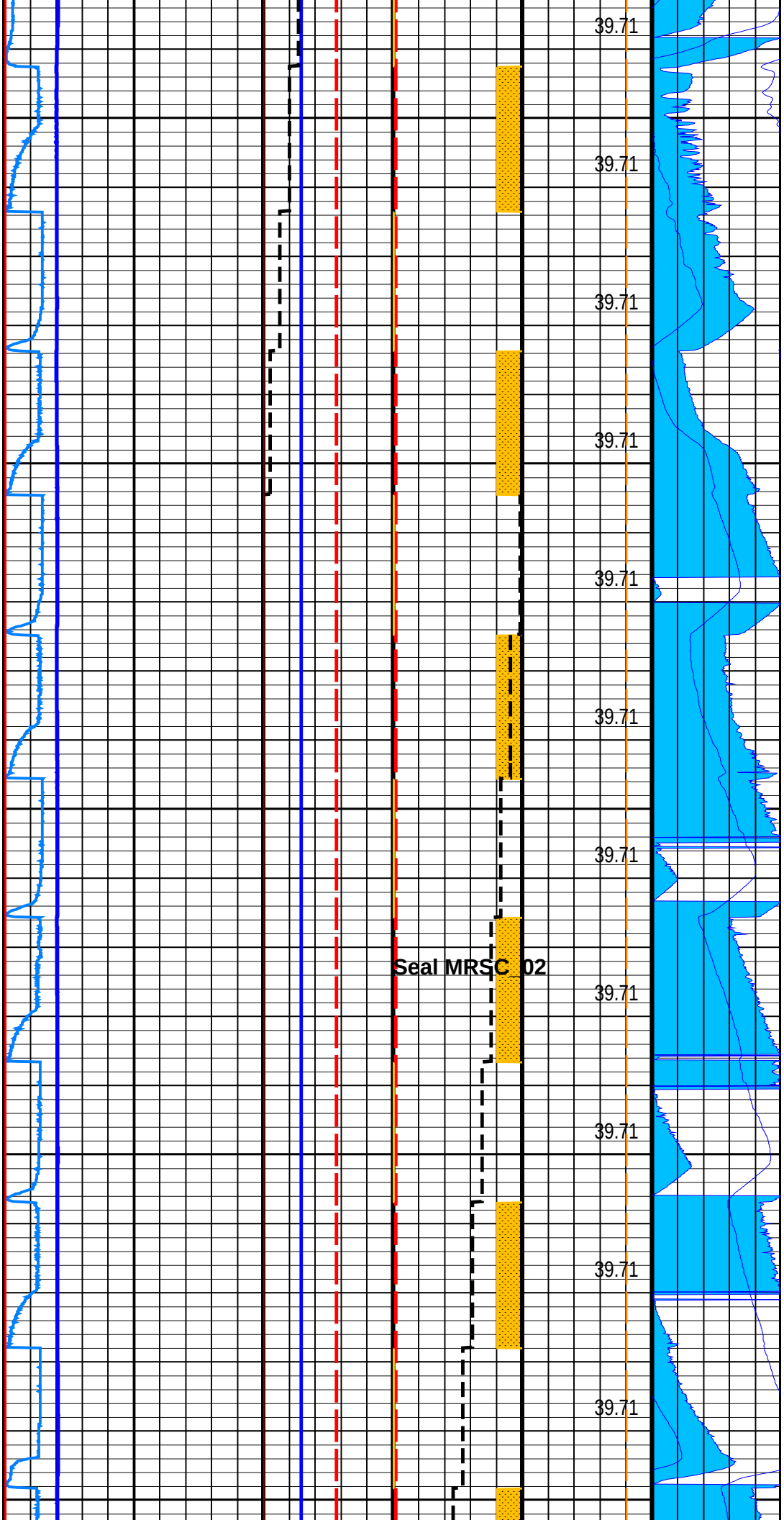
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03:53:10	407.05	405.4
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03:52:20	410.32	408.9



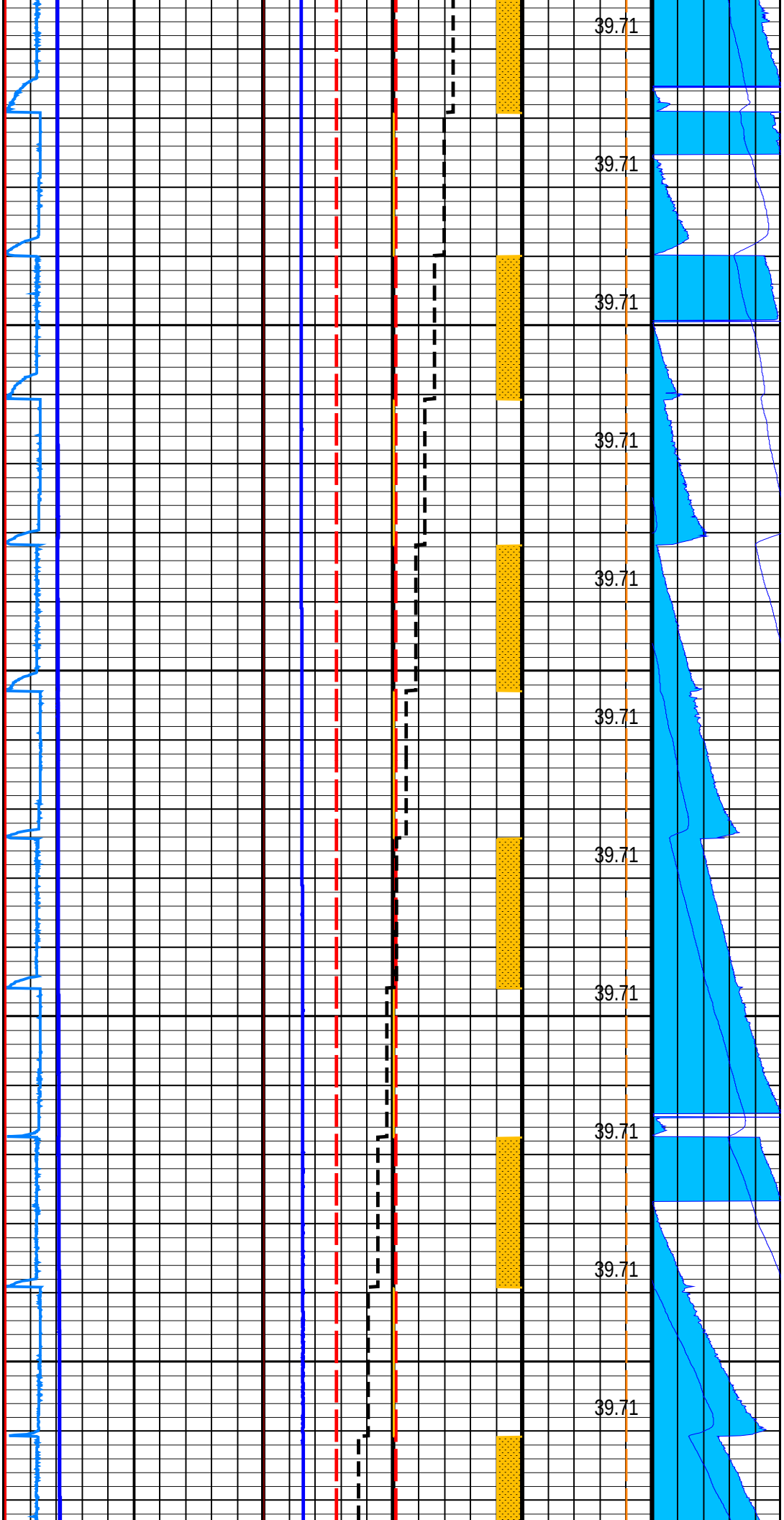
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03:43:00	403.55	403.3
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03:42:20	404.88	403.1
03:42:10	405.44	403.6
03:42:00	406.70	404.6
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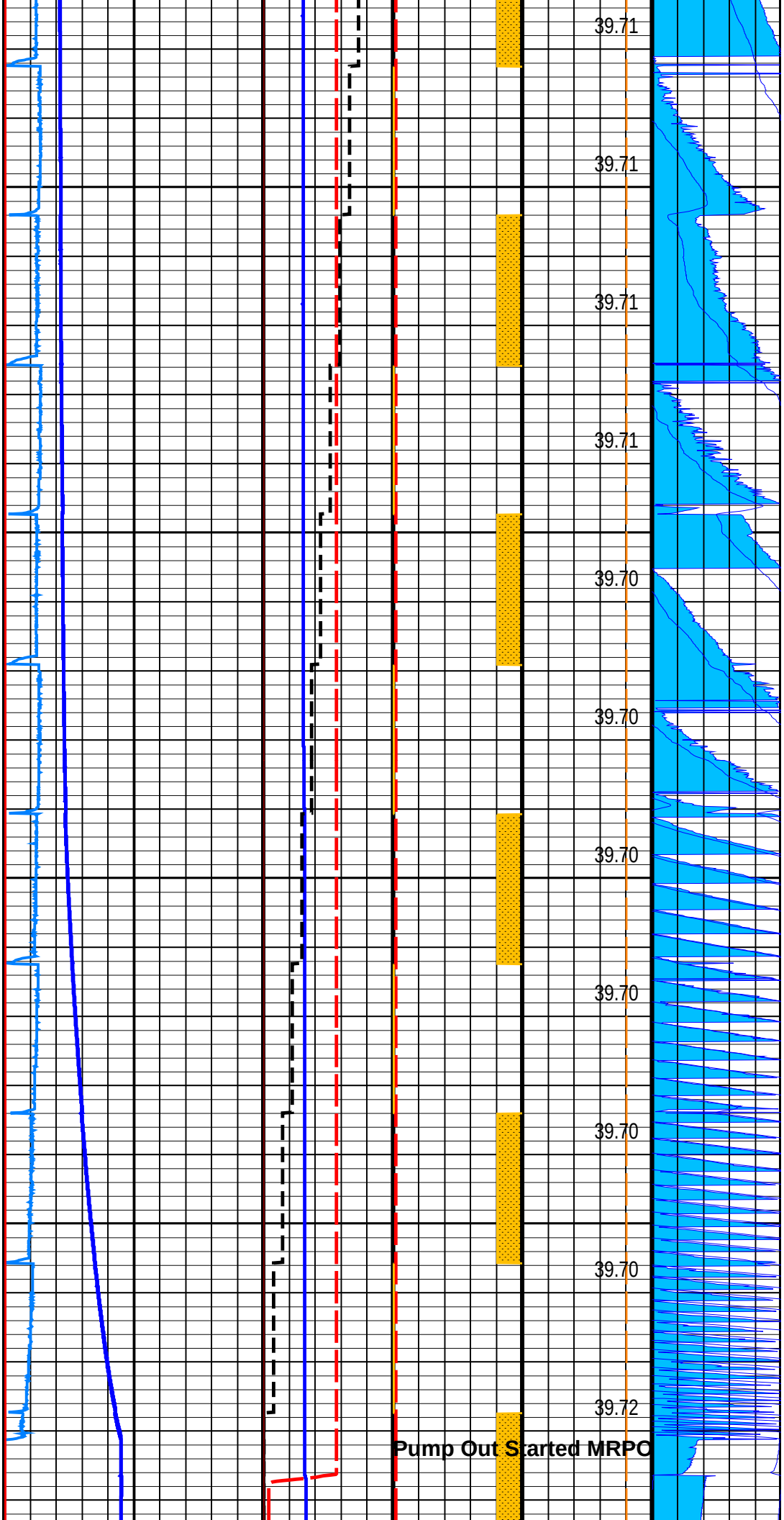
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03:39:50	400.29	399.2
03:39:40	400.26	398.2
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03:39:10	402.31	401.0
03:39:00	402.57	402.6
03:38:50	400.43	400.4
03:38:40	398.86	397.0
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03:38:20	399.77	397.8
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03:37:50	403.49	402.0
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03:37:20	404.89	403.4
03:37:10	405.44	404.1
03:37:00	405.71	405.1
03:36:50	404.20	404.2
03:36:40	402.09	401.8
03:36:30	401.88	400.3
03:36:20	402.12	400.4
03:36:10	402.51	400.8
03:36:00	403.06	401.2
03:35:50	403.88	401.9
03:35:40	404.54	403.5
03:35:30	404.63	403.1
03:35:20	405.36	403.5
03:35:10	406.08	404.6
03:35:00	406.84	405.8
03:34:50	406.14	406.2
03:34:40	403.97	404.0
03:34:30	402.85	401.0
03:34:20	403.42	401.7
03:34:10	404.07	401.9
03:34:00	404.67	402.8
03:33:50	405.23	403.5
03:33:40	405.71	404.3
03:33:30	405.77	404.2
03:33:20	406.42	404.8
03:33:10	407.08	405.7
03:33:00	407.84	406.4
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03:32:40	406.11	405.9
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03:31:50	406.63	404.9
03:31:40	407.24	405.4
03:31:30	407.57	406.5
03:31:20	408.12	406.4
03:31:10	408.79	407.1
03:31:00	409.76	408.1
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03:30:40	410.96	411.1
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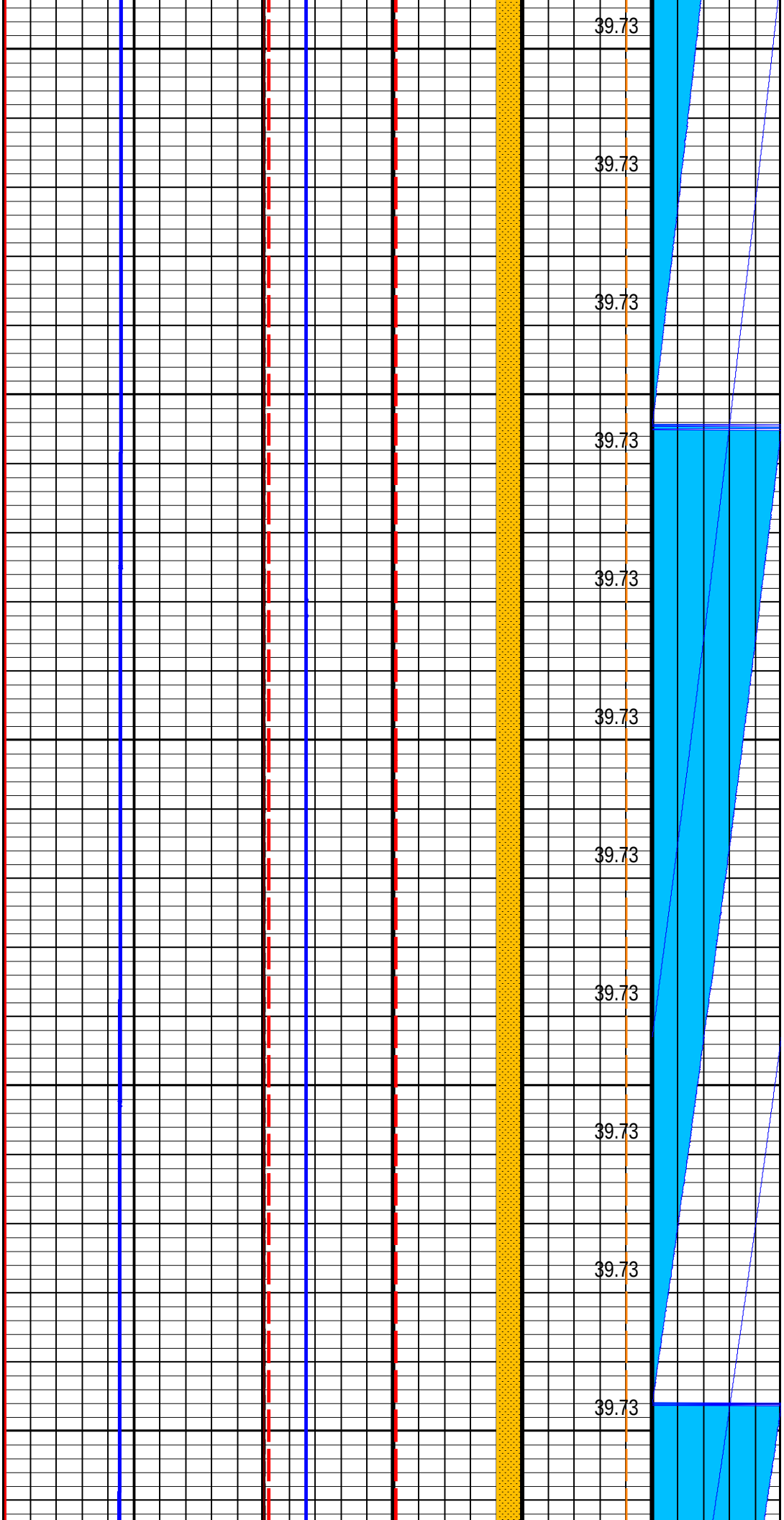
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03:28:50	407.43	406.0
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03:28:10	405.75	404.0
03:28:00	406.17	404.3
03:27:50	406.82	404.9
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03:27:30	407.51	406.0
03:27:20	407.38	405.6
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03:26:10	407.21	405.3
03:26:00	407.64	405.8
03:25:50	408.21	406.3
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03:25:30	409.16	407.2
03:25:20	409.47	407.7
03:25:10	409.82	407.8
03:25:00	410.12	408.4
03:24:50	410.58	408.8
03:24:40	410.89	409.2
03:24:30	411.26	409.7
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03:24:10	410.26	408.4
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03:23:40	411.58	409.7
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03:22:20	415.50	414.0
03:22:10	416.04	414.8
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03:21:30	416.71	414.9
03:21:20	417.34	415.4
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03:20:50	419.53	417.6
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03:20:30	421.23	419.3
03:20:20	422.11	420.2
03:20:10	422.76	421.0
03:20:00	423.55	422.3
03:19:50	421.77	419.8
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03:19:30	423.50	421.6
03:19:20	424.45	422.5



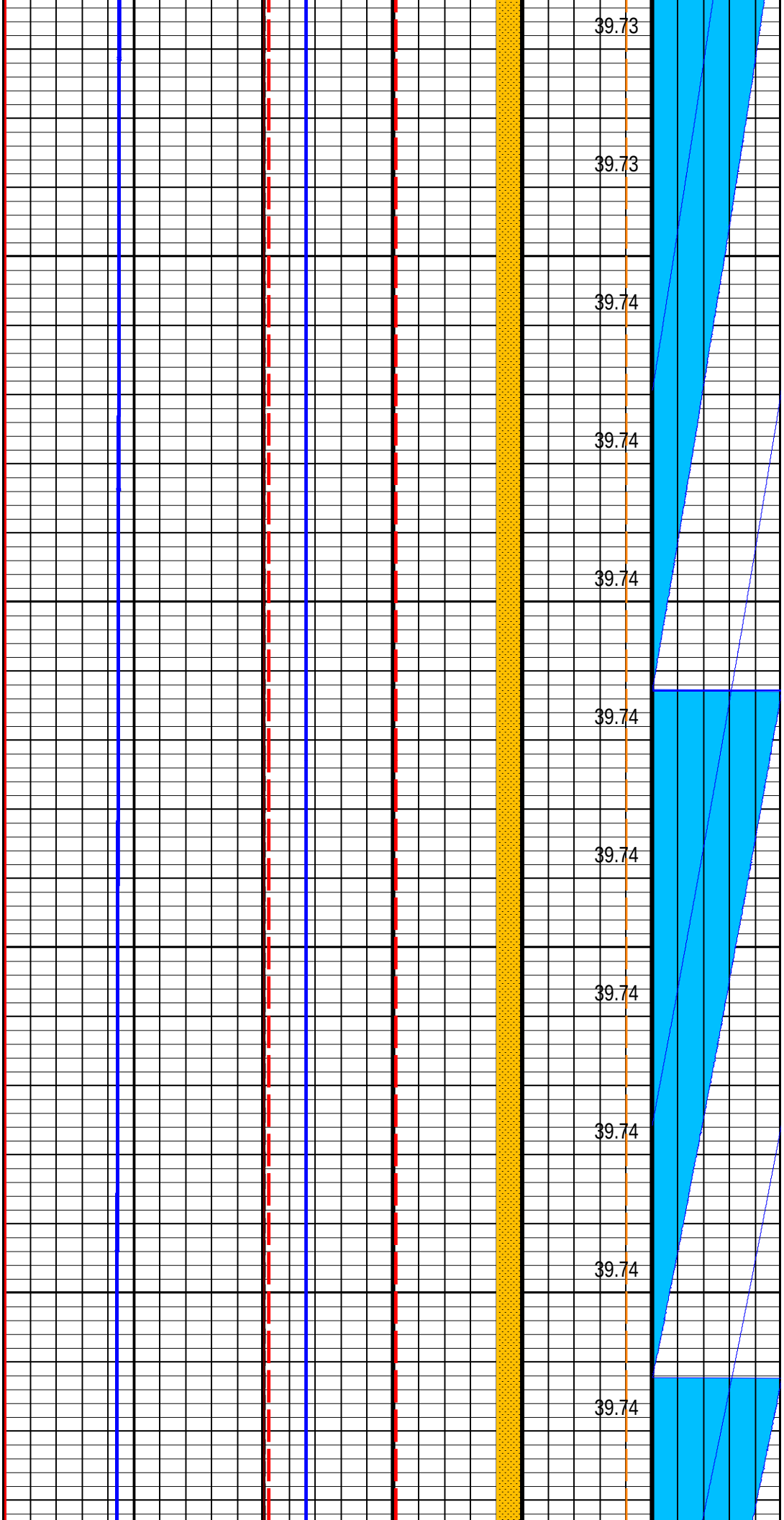
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03:18:10	430.60	428.1
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03:17:50	432.98	431.6
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03:17:20	431.33	429.3
03:17:10	431.85	429.5
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03:16:40	434.91	432.6
03:16:30	436.85	434.1
03:16:20	438.72	436.8
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03:15:50	442.80	440.2
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03:15:30	443.85	441.7
03:15:20	444.86	442.5
03:15:10	446.60	444.3
03:15:00	448.36	446.0
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03:14:40	451.28	448.9
03:14:30	452.73	450.2
03:14:20	454.84	452.2
03:14:10	456.61	454.5
03:14:00	458.67	456.3
03:13:50	461.14	458.5
03:13:40	464.12	462.0
03:13:30	467.80	464.4
03:13:20	467.60	464.5
03:13:10	473.27	469.7
03:13:00	480.36	477.2
03:12:50	489.06	485.5
03:12:40	497.70	493.9
03:12:30	507.25	503.6
03:12:20	517.63	514.1
03:12:10	527.24	523.8
03:12:00	538.11	534.2
03:11:50	549.52	545.6
03:11:40	561.59	557.8
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03:11:20	587.25	582.5
03:11:10	595.04	590.7
03:11:00	608.88	604.7
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03:10:30	655.06	650.0
03:10:20	673.12	668.4
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03:09:40	750.94	745.7
03:09:30	774.14	768.7
03:09:20	800.48	794.1
03:09:10	829.58	822.9
03:09:00	857.49	849.3
03:08:50	897.28	889.4
03:08:40	897.26	897.7
03:08:30	897.64	898.8
03:08:20	897.45	898.5



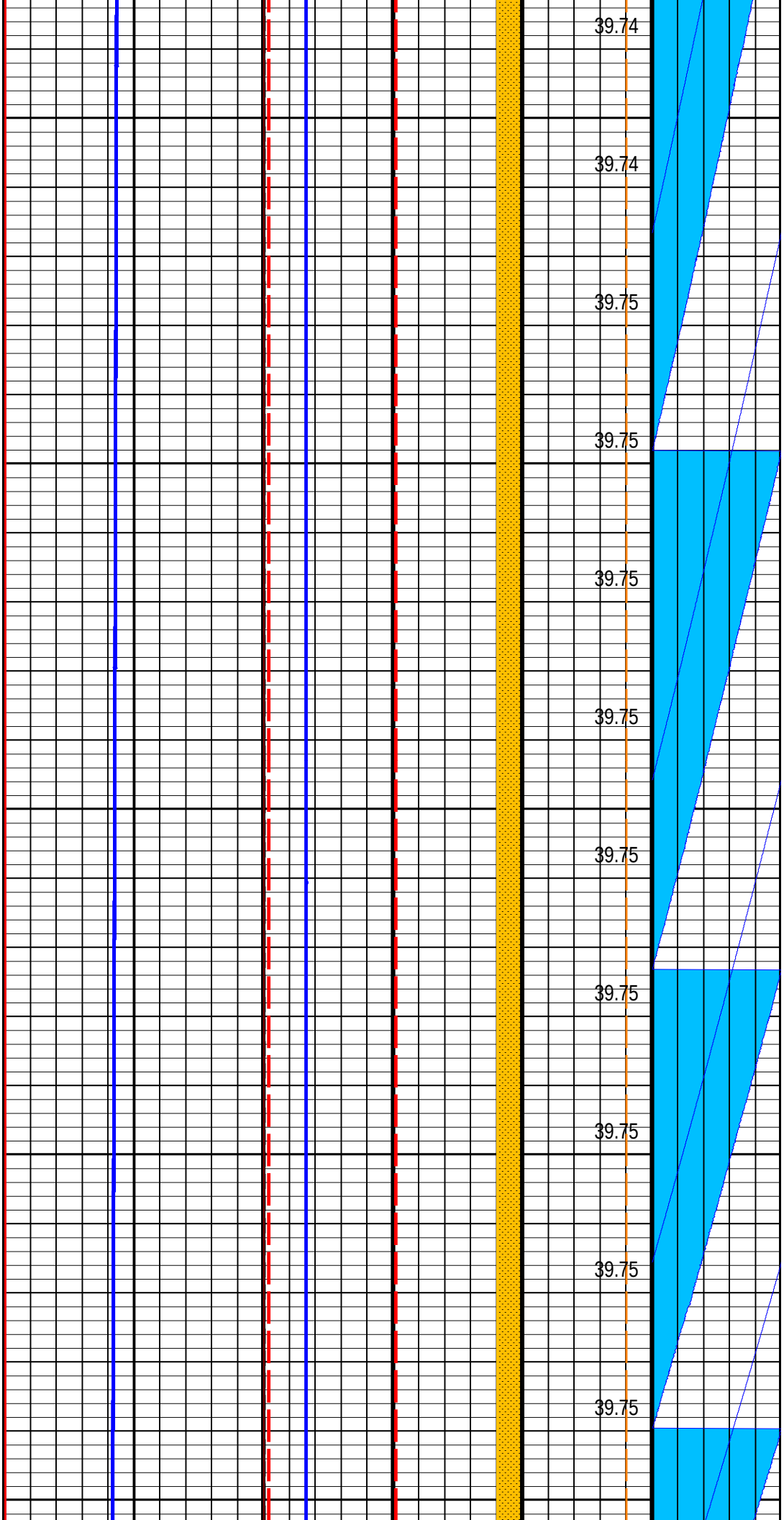
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03:07:10	896.07	897.2
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03:06:40	895.46	896.6
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03:06:20	895.04	896.2
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03:06:00	894.63	895.7
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03:05:20	893.80	894.9
03:05:10	893.60	894.7
03:05:00	893.38	894.5
03:04:50	893.17	894.3
03:04:40	892.95	894.0
03:04:30	892.75	893.9
03:04:20	892.53	893.6
03:04:10	892.31	893.4
03:04:00	892.09	893.1
03:03:50	891.87	892.9
03:03:40	891.65	892.8
03:03:30	891.44	892.5
03:03:20	891.21	892.3
03:03:10	890.99	892.1
03:03:00	890.77	891.8
03:02:50	890.54	891.7
03:02:40	890.31	891.4
03:02:30	890.09	891.2
03:02:20	889.85	890.9
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03:01:50	889.17	890.3
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03:01:20	888.47	889.6
03:01:10	888.23	889.3
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03:00:40	887.52	888.6
03:00:30	887.29	888.4
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02:59:30	885.81	886.9
02:59:20	885.56	886.6
02:59:10	885.31	886.4
02:59:00	885.07	886.1
02:58:50	884.80	885.9
02:58:40	884.56	885.6
02:58:30	884.31	885.3
02:58:20	884.05	885.1
02:58:10	883.79	884.8
02:58:00	883.54	884.5
02:57:50	883.28	884.3
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02:57:30	882.76	883.7
02:57:20	882.48	883.5



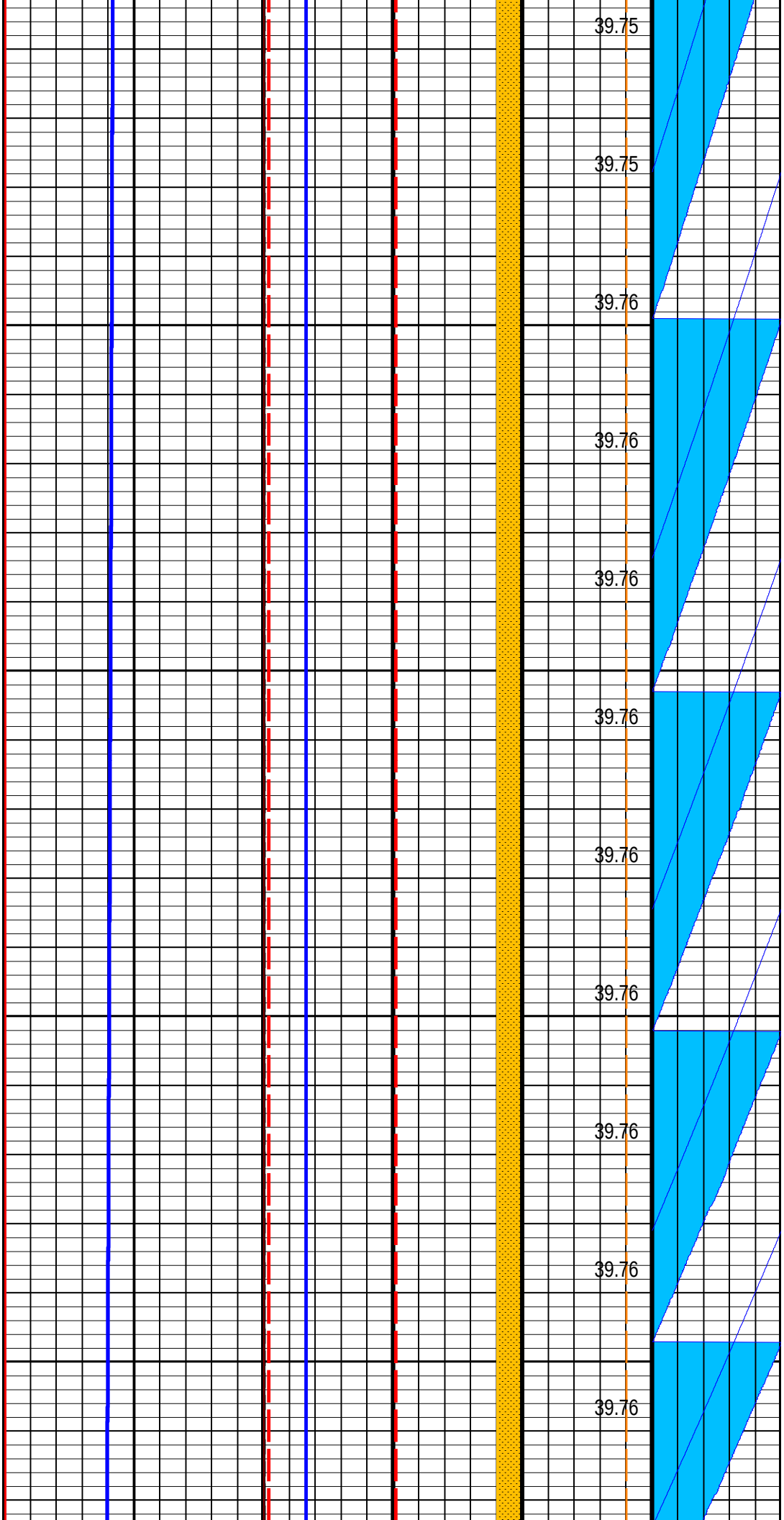
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02:56:00	880.33	881.4
02:55:50	880.05	881.0
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02:55:20	879.22	880.2
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02:54:40	878.10	879.0
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02:52:20	873.94	874.8
02:52:10	873.63	874.5
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02:51:30	872.38	873.3
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02:48:10	865.75	866.6
02:48:00	865.41	866.3
02:47:50	865.05	865.9
02:47:40	864.70	865.6
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02:47:10	863.62	864.5
02:47:00	863.26	864.1
02:46:50	862.89	863.8
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02:46:30	862.17	863.0
02:46:20	861.79	862.6



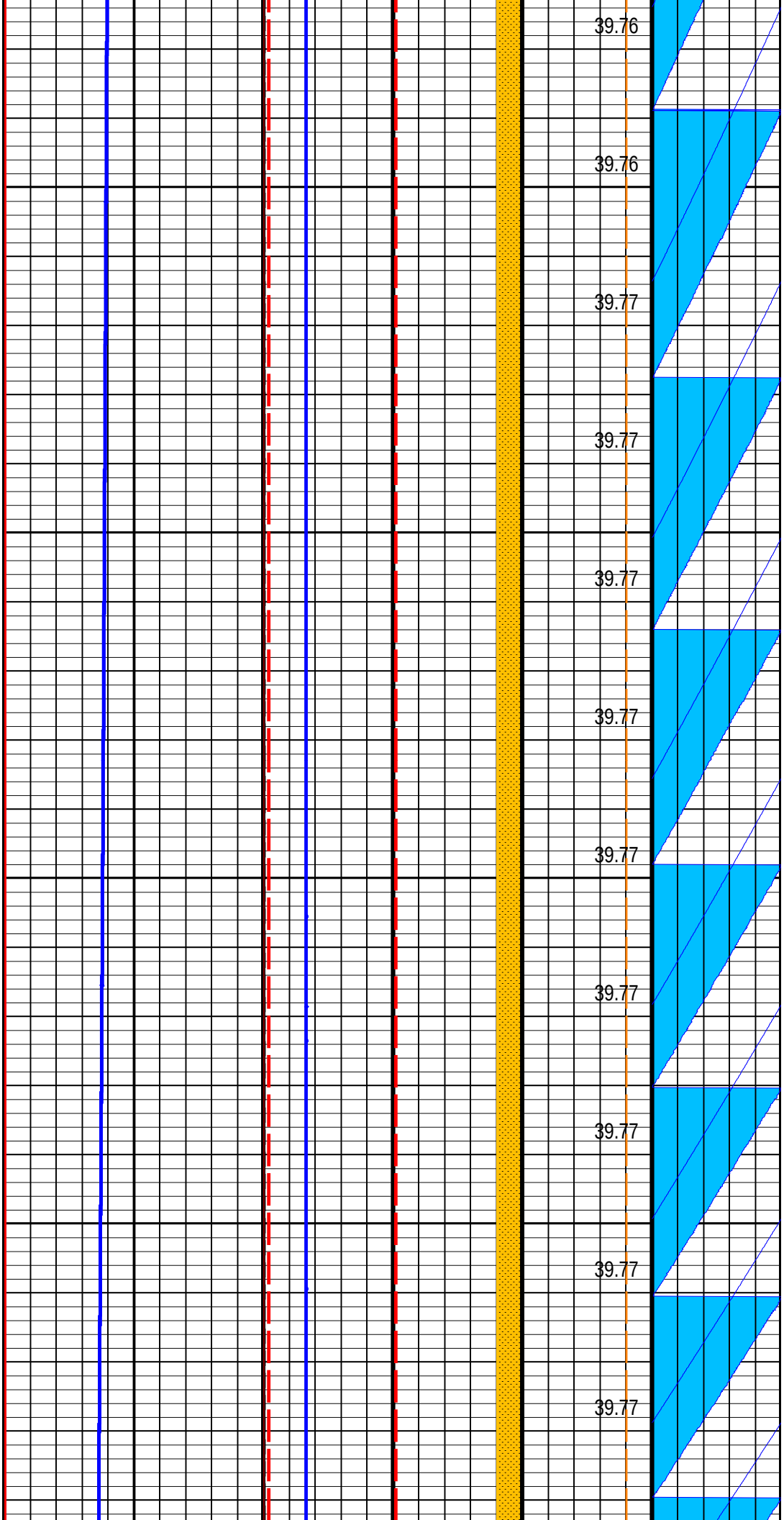
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02:45:20	859.51	860.4
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02:45:00	858.75	859.6
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02:43:30	855.17	856.0
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02:42:50	853.51	854.4
02:42:40	853.11	853.9
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02:42:20	852.26	853.0
02:42:10	851.84	852.6
02:42:00	851.42	852.2
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02:41:40	850.56	851.3
02:41:30	850.13	850.9
02:41:20	849.69	850.4
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02:40:00	846.11	846.9
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02:39:00	843.31	844.1
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02:37:30	838.95	839.7
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02:36:40	836.42	837.1
02:36:30	835.91	836.5
02:36:20	835.38	836.0
02:36:10	834.87	835.6
02:36:00	834.34	835.0
02:35:50	833.81	834.4
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02:35:30	832.75	833.4
02:35:20	832.21	832.8



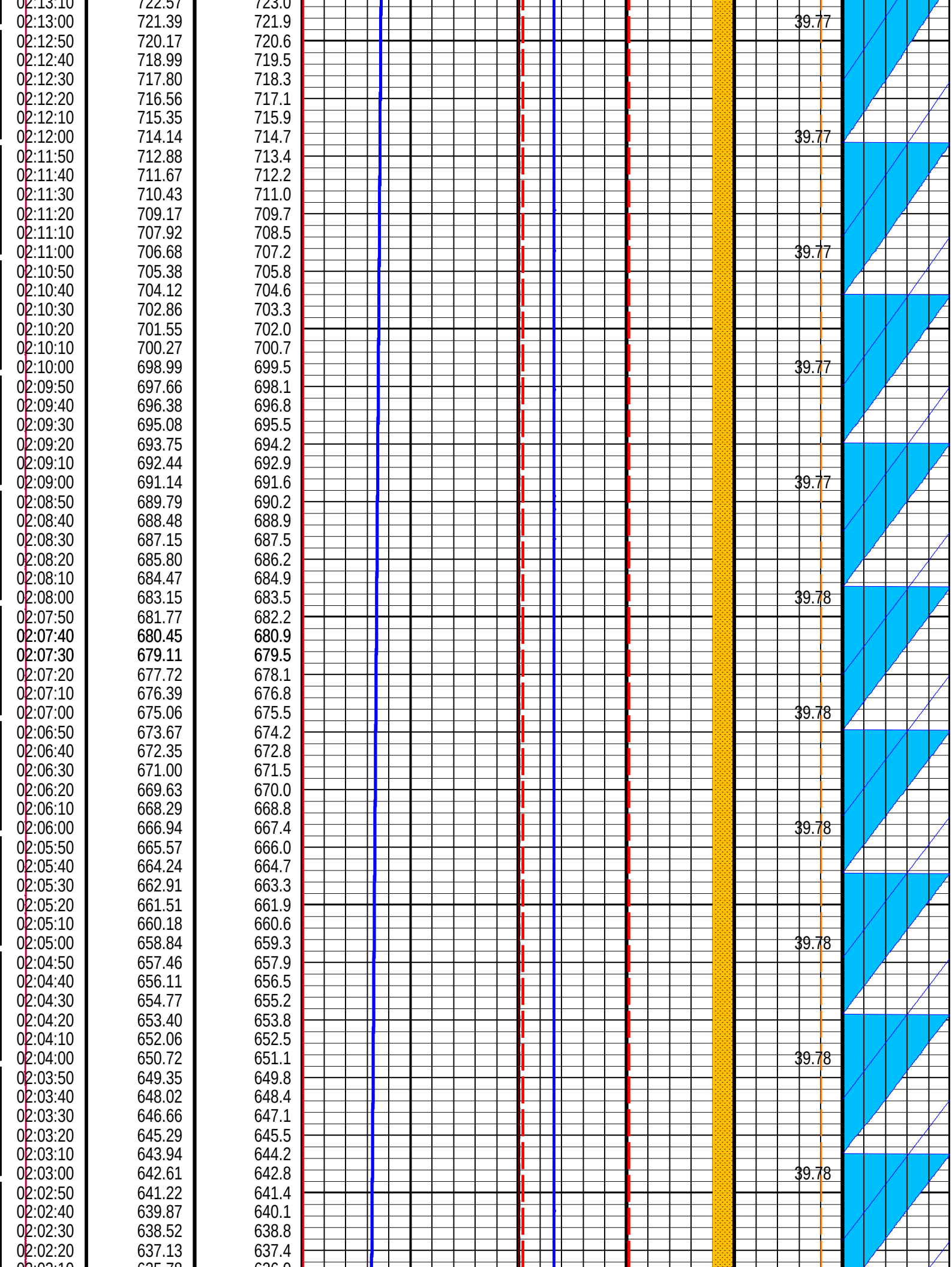
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02:33:40	826.65	827.3
02:33:30	826.07	826.7
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02:32:50	823.75	824.4
02:32:40	823.15	823.8
02:32:30	822.55	823.2
02:32:20	821.95	822.6
02:32:10	821.36	821.9
02:32:00	820.76	821.3
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02:28:00	805.08	805.6
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02:27:40	803.66	804.2
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02:27:20	802.22	802.8
02:27:10	801.52	802.1
02:27:00	800.79	801.4
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02:26:20	797.85	798.4
02:26:10	797.09	797.6
02:26:00	796.36	796.9
02:25:50	795.59	796.1
02:25:40	794.84	795.3
02:25:30	794.07	794.6
02:25:20	793.29	793.8
02:25:10	792.52	793.0
02:25:00	791.74	792.2
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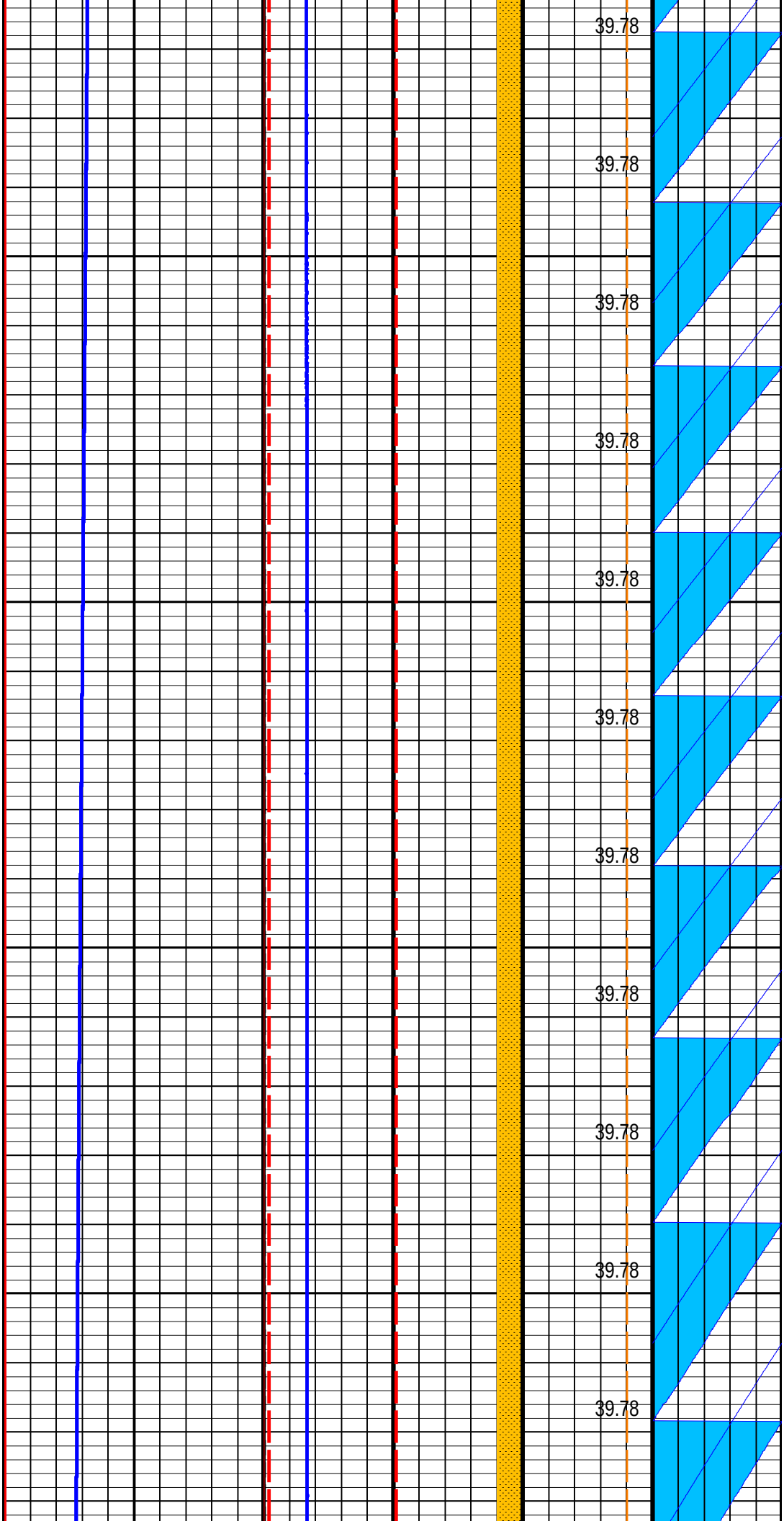
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02:23:10	782.82	783.4
02:23:00	782.00	782.5
02:22:50	781.15	781.6
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02:22:30	779.44	779.9
02:22:20	778.57	779.0
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02:21:50	775.96	776.4
02:21:40	775.08	775.6
02:21:30	774.20	774.7
02:21:20	773.30	773.8
02:21:10	772.40	772.9
02:21:00	771.52	772.0
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02:20:30	768.79	769.3
02:20:20	767.84	768.3
02:20:10	766.92	767.4
02:20:00	765.99	766.5
02:19:50	765.03	765.5
02:19:40	764.10	764.6
02:19:30	763.16	763.6
02:19:20	762.18	762.7
02:19:10	761.23	761.7
02:19:00	760.27	760.7
02:18:50	759.27	759.7
02:18:40	758.30	758.7
02:18:30	757.33	757.7
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02:18:10	755.32	755.8
02:18:00	754.33	754.8
02:17:50	753.31	753.9
02:17:40	752.30	752.7
02:17:30	751.28	751.8
02:17:20	750.23	750.7
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02:17:00	748.18	748.6
02:16:50	747.11	747.6
02:16:40	746.07	746.6
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02:15:30	738.55	739.0
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02:15:00	735.22	735.7
02:14:50	734.08	734.5
02:14:40	732.96	733.5
02:14:30	731.85	732.3
02:14:20	730.69	731.2
02:14:10	729.55	730.0
02:14:00	728.42	728.8
02:13:50	727.24	727.7
02:13:40	726.09	726.6
02:13:30	724.93	725.4
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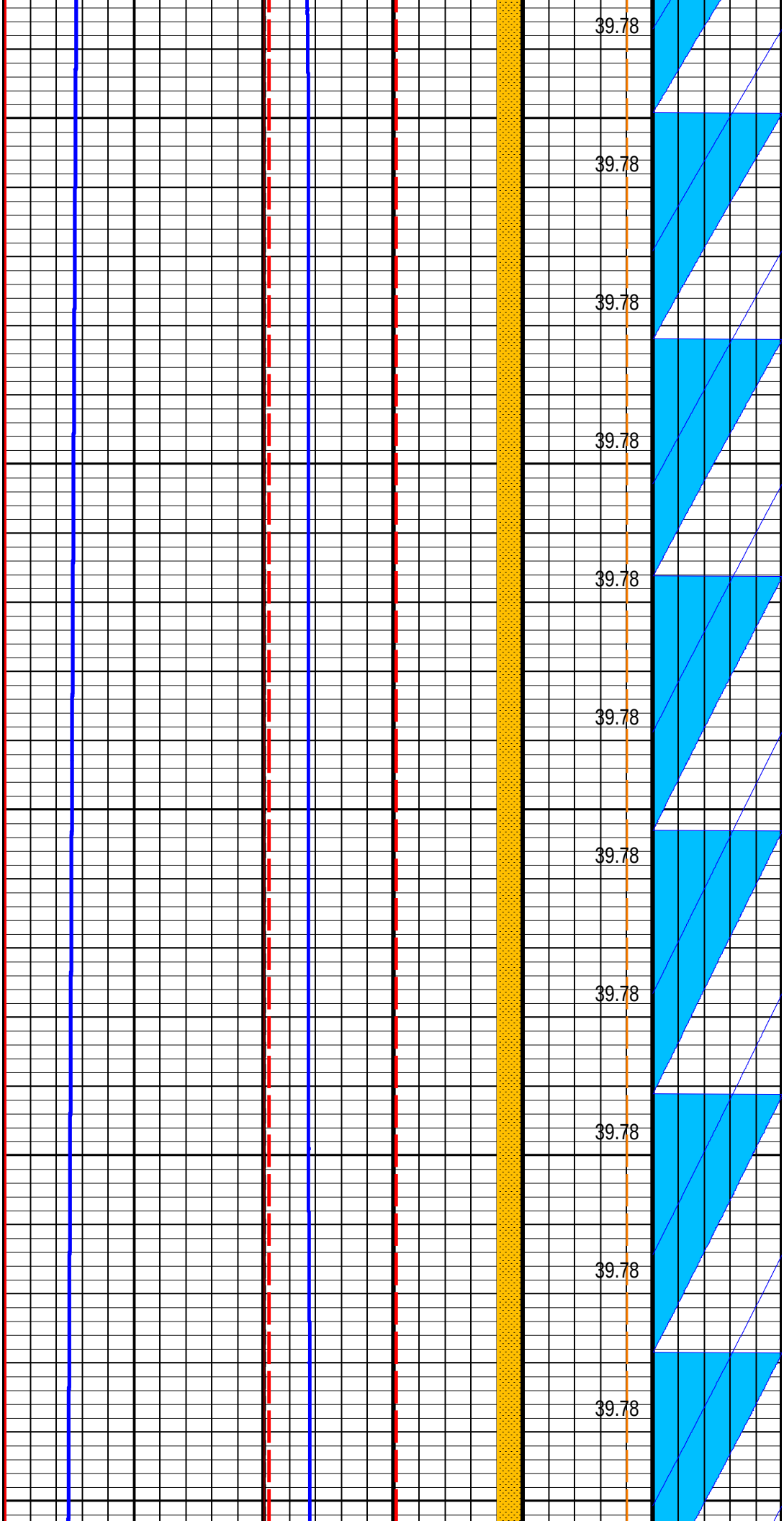
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02:11:40	711.67	712.2
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02:11:10	707.92	708.5
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02:10:50	705.38	705.8
02:10:40	704.12	704.6
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02:09:10	692.44	692.9
02:09:00	691.14	691.6
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02:08:20	685.80	686.2
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02:08:00	683.15	683.5
02:07:50	681.77	682.2
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02:07:30	679.11	679.5
02:07:20	677.72	678.1
02:07:10	676.39	676.8
02:07:00	675.06	675.5
02:06:50	673.67	674.2
02:06:40	672.35	672.8
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02:03:50	649.35	649.8
02:03:40	648.02	648.4
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02:03:20	645.29	645.5
02:03:10	643.94	644.2
02:03:00	642.61	642.8
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02:02:30	638.52	638.8
02:02:20	637.13	637.4



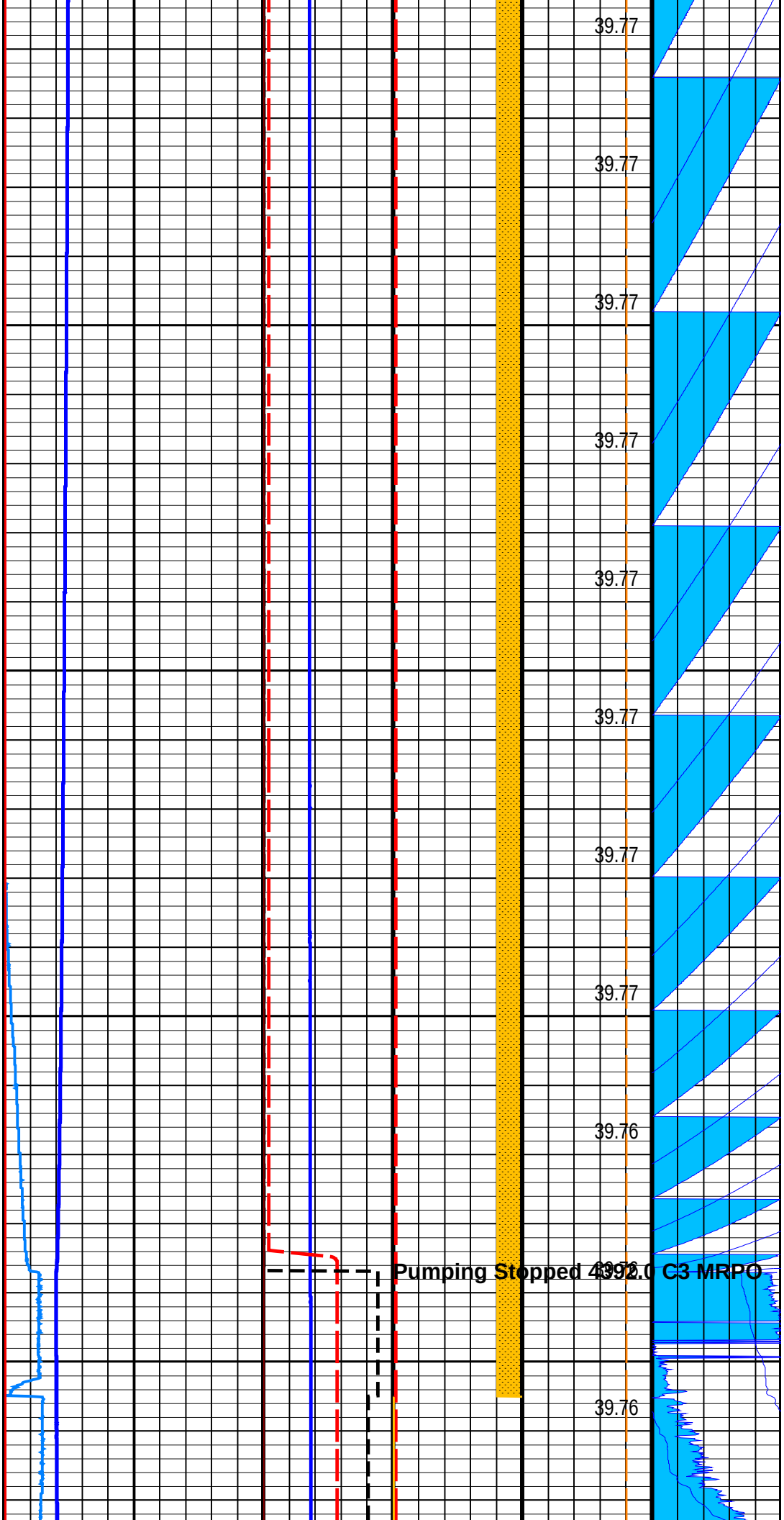
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02:01:20	628.93	629.2
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02:00:50	624.81	625.2
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02:00:30	622.09	622.4
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02:00:10	619.30	619.6
02:00:00	617.92	618.2
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01:57:40	598.36	598.6
01:57:30	596.98	597.1
01:57:20	595.56	595.7
01:57:10	594.20	594.3
01:57:00	592.82	593.0
01:56:50	591.41	591.6
01:56:40	590.05	590.2
01:56:30	588.69	588.9
01:56:20	587.30	587.5
01:56:10	585.95	586.3
01:56:00	584.61	584.9
01:55:50	583.23	583.4
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01:55:20	579.25	579.3
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01:53:30	565.37	565.4
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01:52:40	559.45	559.6
01:52:30	558.31	558.5
01:52:20	557.15	557.3
01:52:10	556.02	556.1
01:52:00	554.91	554.9
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01:51:20	550.47	550.5



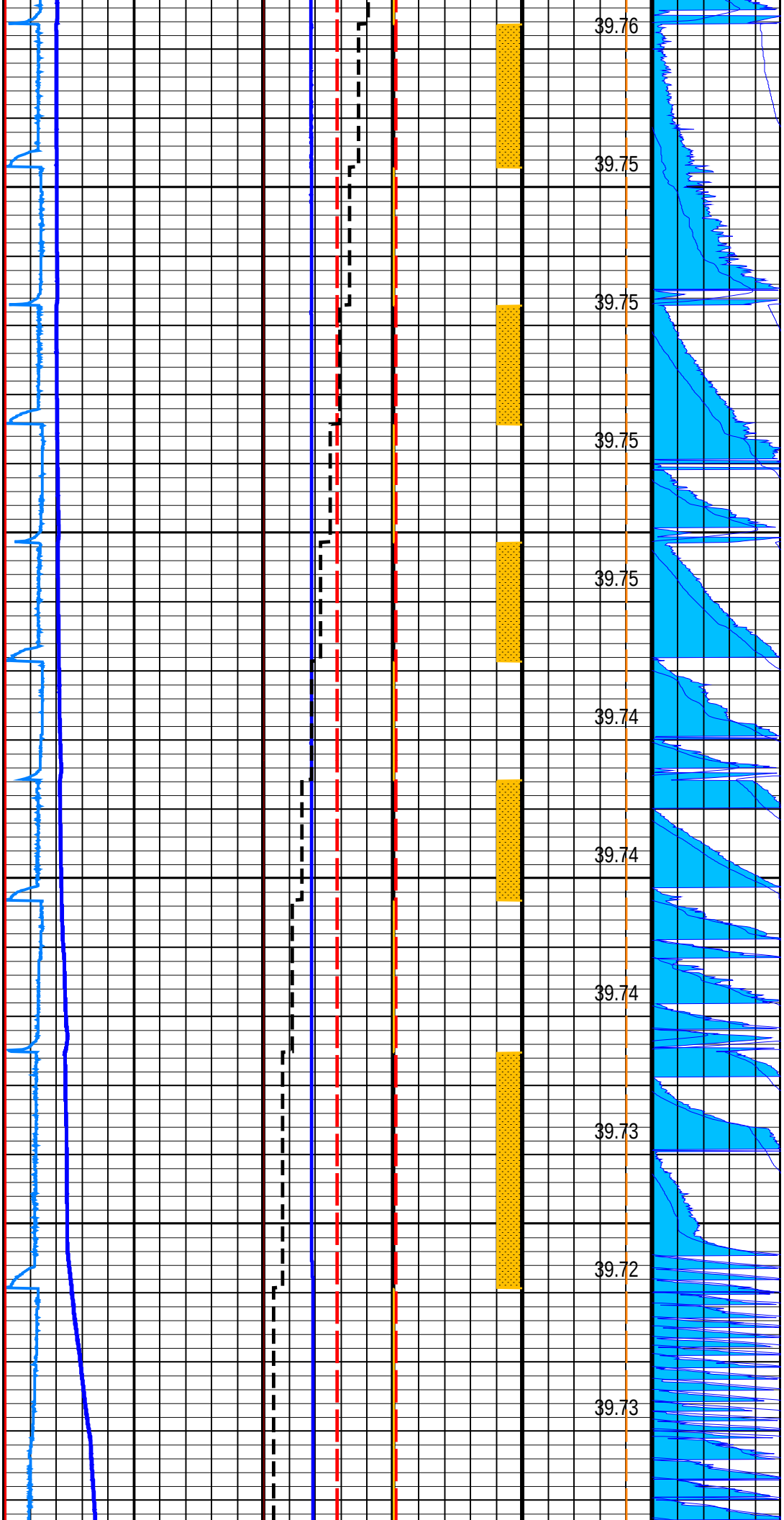
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01:47:40	528.15	528.1
01:47:30	527.20	527.1
01:47:20	526.25	526.2
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01:47:00	524.39	524.3
01:46:50	523.45	523.4
01:46:40	522.55	522.4
01:46:30	521.63	521.5
01:46:20	520.69	520.6
01:46:10	519.79	519.7
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01:45:20	515.33	515.2
01:45:10	514.45	514.3
01:45:00	513.59	513.5
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01:44:30	510.97	510.9
01:44:20	510.07	509.9
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01:44:00	508.35	508.2
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01:43:40	506.59	506.5
01:43:30	505.72	505.6
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01:43:10	503.96	503.9
01:43:00	503.09	503.0
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01:42:40	501.32	501.2
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01:42:20	499.54	499.4
01:42:10	498.65	498.6
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01:41:50	496.86	496.8
01:41:40	495.96	495.8
01:41:30	495.07	494.9
01:41:20	494.13	494.0
01:41:10	493.23	493.1
01:41:00	492.31	492.2
01:40:50	491.38	491.2
01:40:40	490.45	490.3
01:40:30	489.53	489.4
01:40:20	488.58	488.4



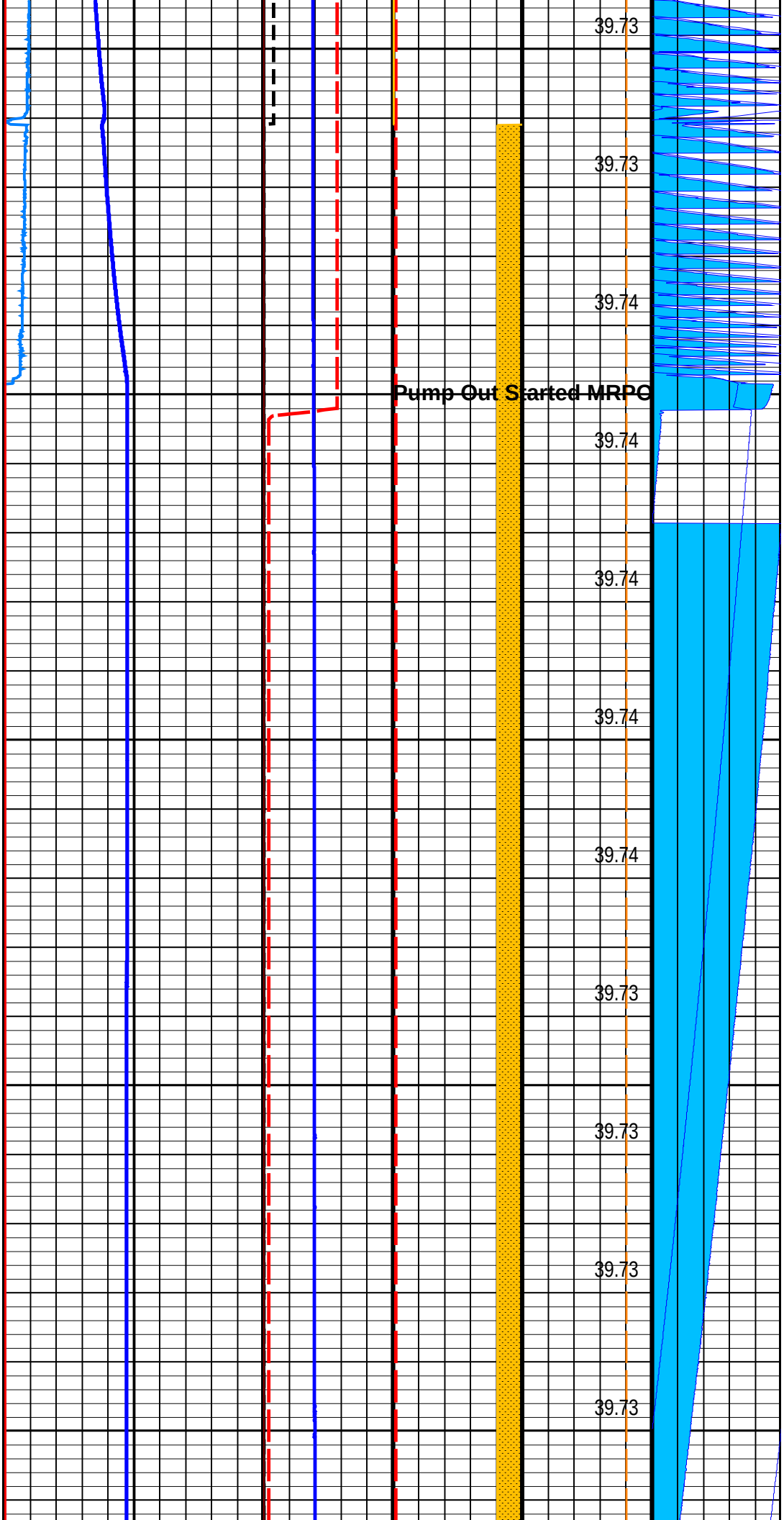
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01:39:20	482.85	482.7
01:39:10	481.89	481.8
01:39:00	480.92	480.8
01:38:50	479.92	479.8
01:38:40	478.93	478.8
01:38:30	477.94	477.8
01:38:20	476.90	476.8
01:38:10	475.90	475.8
01:38:00	474.89	474.8
01:37:50	473.84	473.7
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01:37:20	470.68	470.6
01:37:10	469.62	469.6
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01:36:50	467.42	467.4
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01:36:30	465.19	465.2
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01:35:50	460.46	460.5
01:35:40	459.26	459.3
01:35:30	458.02	458.1
01:35:20	456.72	456.8
01:35:10	455.43	455.5
01:35:00	454.13	454.2
01:34:50	452.75	452.9
01:34:40	451.38	451.5
01:34:30	449.99	450.1
01:34:20	448.51	448.6
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01:34:00	445.54	445.7
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01:33:30	440.64	440.8
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01:33:10	437.11	437.4
01:33:00	435.27	435.6
01:32:50	433.29	433.6
01:32:40	431.29	431.6
01:32:30	429.19	429.5
01:32:20	426.83	427.2
01:32:10	424.45	424.8
01:32:00	421.90	422.3
01:31:50	419.10	419.6
01:31:40	416.14	416.6
01:31:30	412.83	413.3
01:31:20	408.87	409.4
01:31:10	404.10	404.7
01:31:00	395.85	393.8
01:30:50	396.22	393.9
01:30:40	396.53	394.7
01:30:30	396.96	394.7
01:30:20	397.67	396.2
01:30:10	397.78	397.0
01:30:00	399.02	396.8
01:29:50	399.92	398.0
01:29:40	400.19	397.9
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01:29:20	403.13	400.8
01:29:10	405.51	405.2



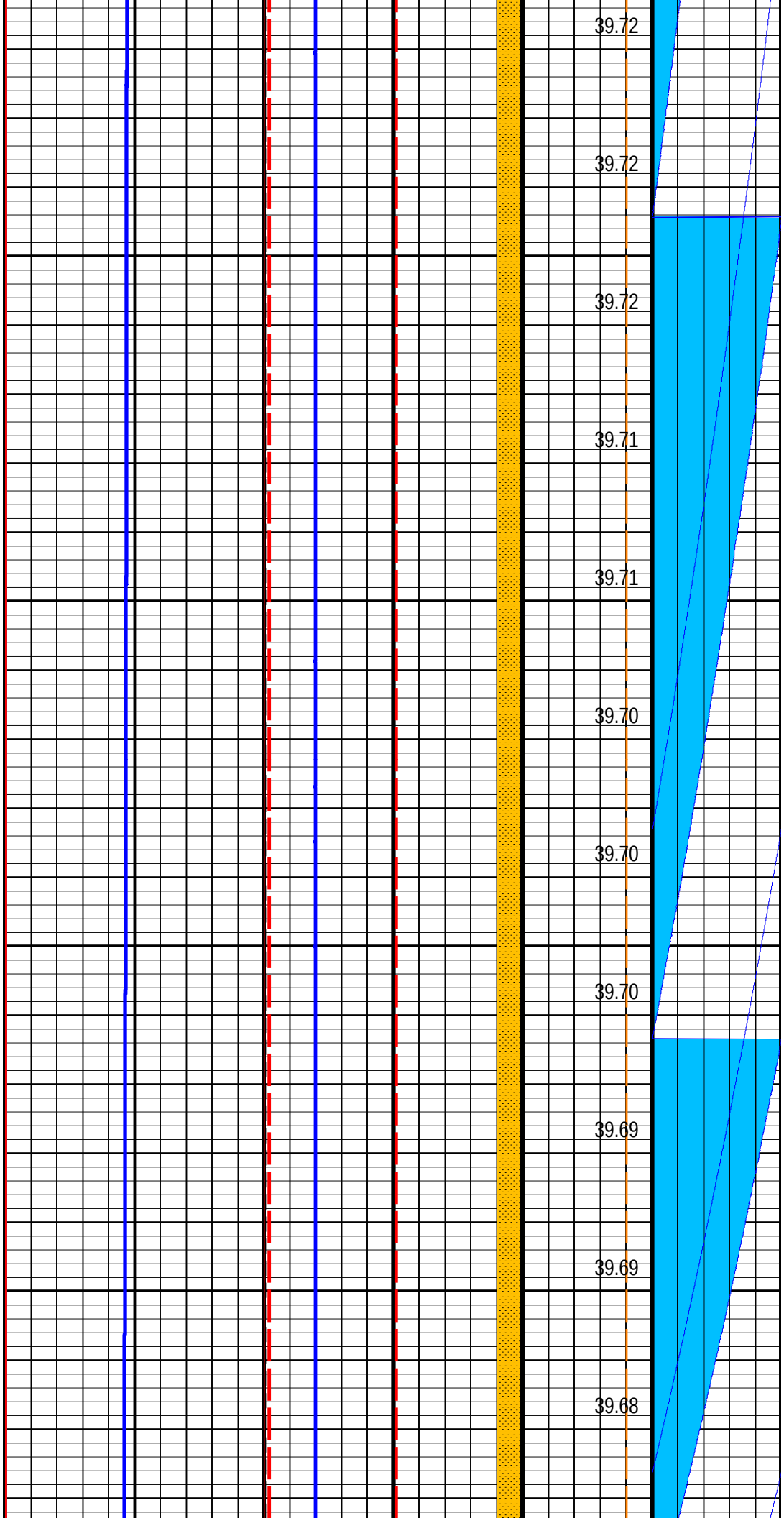
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01:26:00	406.46	404.6
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01:24:40	415.14	412.4
01:24:30	417.34	414.3
01:24:20	420.54	417.4
01:24:10	422.22	419.0
01:24:00	425.63	422.6
01:23:50	430.17	426.7
01:23:40	**433.95**	**436.3**
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01:23:00	433.87	430.9
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01:22:40	440.84	438.2
01:22:30	446.11	443.2
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01:21:40	472.23	475.5
01:21:30	466.98	464.2
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01:21:10	472.63	469.3
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01:20:40	479.32	476.6
01:20:30	480.27	477.5
01:20:20	480.79	478.0
01:20:10	488.19	483.3
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01:19:50	525.38	520.5
01:19:40	545.74	541.7
01:19:30	569.66	563.5
01:19:20	591.07	585.4
01:19:10	611.08	606.0
01:19:00	633.27	627.2
01:18:50	661.86	655.9
01:18:40	671.17	667.0
01:18:30	681.55	678.4
01:18:20	693.35	689.8



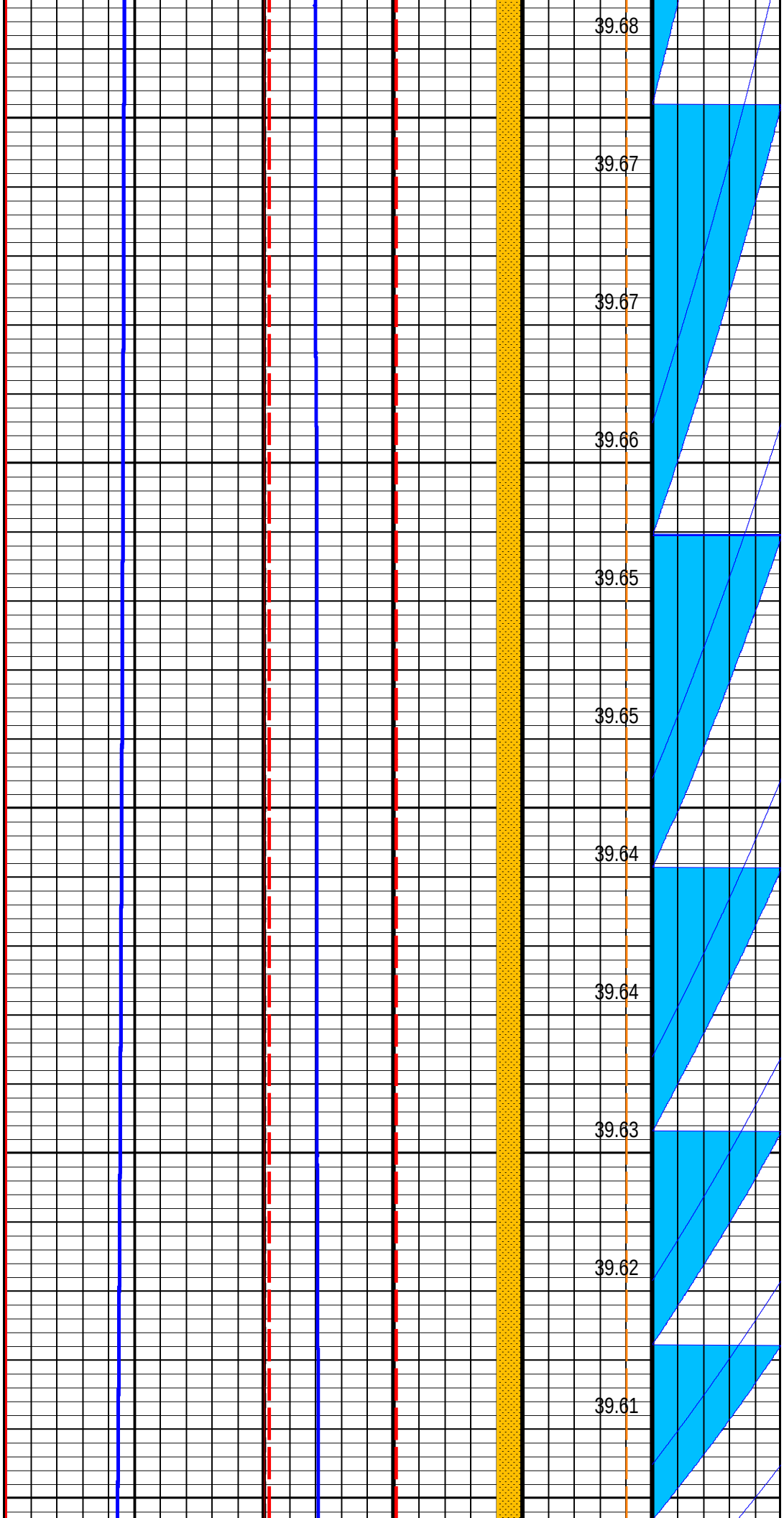
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01:17:20	751.54	747.0
01:17:10	766.37	762.3
01:17:00	777.40	773.6
01:16:50	790.39	786.3
01:16:40	804.69	800.5
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01:16:20	835.92	831.6
01:16:10	853.20	848.7
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01:14:50	944.78	945.0
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01:14:20	944.32	944.6
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01:13:10	943.22	943.5
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01:09:40	939.58	939.7
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01:09:20	939.19	939.4
01:09:10	939.01	939.2
01:09:00	938.81	939.0
01:08:50	938.61	938.8
01:08:40	938.43	938.6
01:08:30	938.22	938.4
01:08:20	938.02	938.1
01:08:10	937.82	937.9
01:08:00	937.61	937.8
01:07:50	937.40	937.5
01:07:40	937.20	937.3
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01:07:20	936.77	936.9



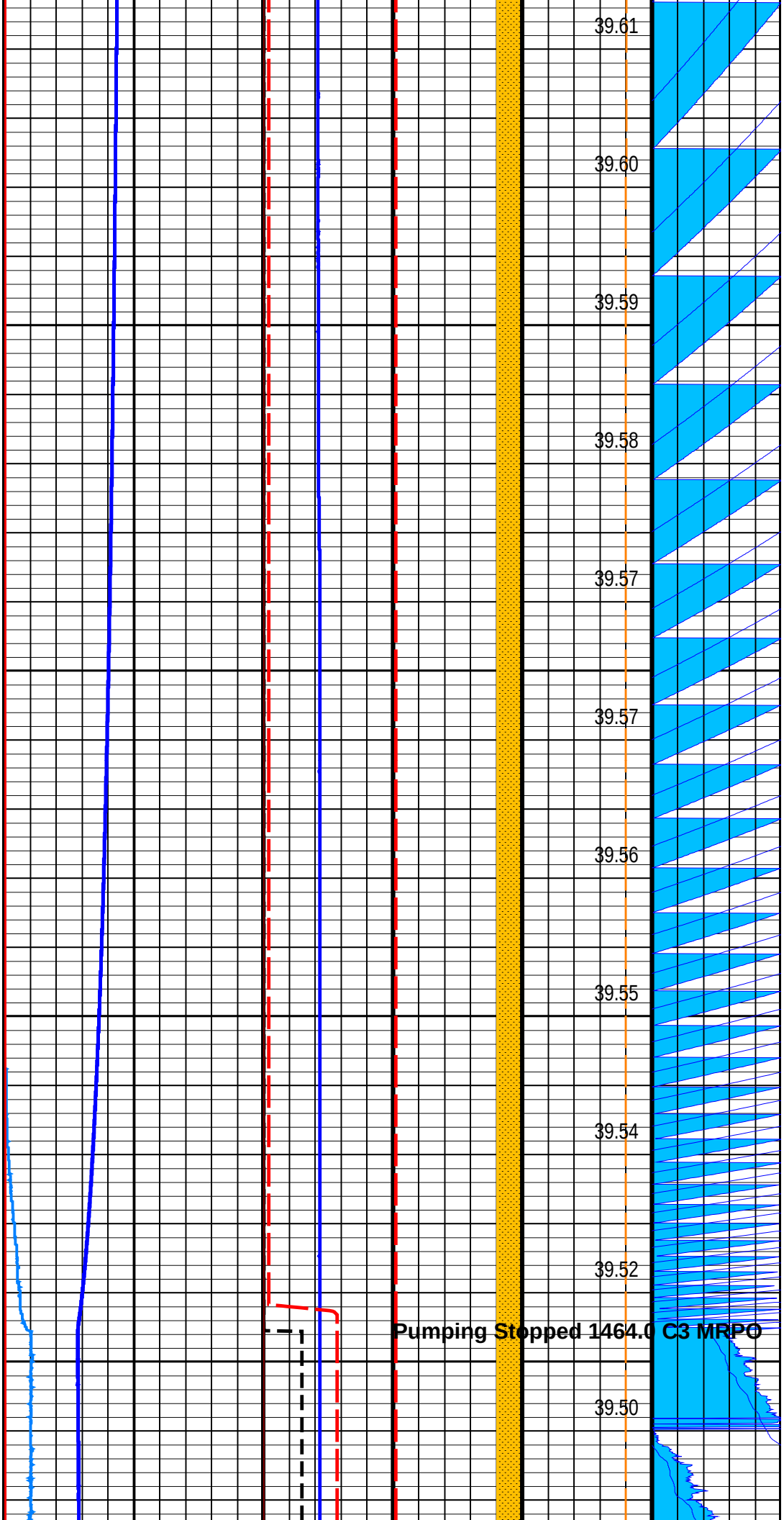
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01:06:40	935.92	936.1
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01:06:20	935.48	935.6
01:06:10	935.24	935.4
01:06:00	935.03	935.1
01:05:50	934.79	934.9
01:05:40	934.56	934.7
01:05:30	934.33	934.5
01:05:20	934.09	934.2
01:05:10	933.86	934.0
01:05:00	933.62	933.7
01:04:50	933.37	933.5
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01:03:30	931.37	931.5
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01:03:00	930.56	930.6
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01:02:40	930.01	930.1
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01:02:20	929.45	929.5
01:02:10	929.18	929.2
01:02:00	928.89	928.9
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00:58:30	922.08	922.1
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00:57:40	920.20	920.2
00:57:30	919.81	919.9
00:57:20	919.40	919.5
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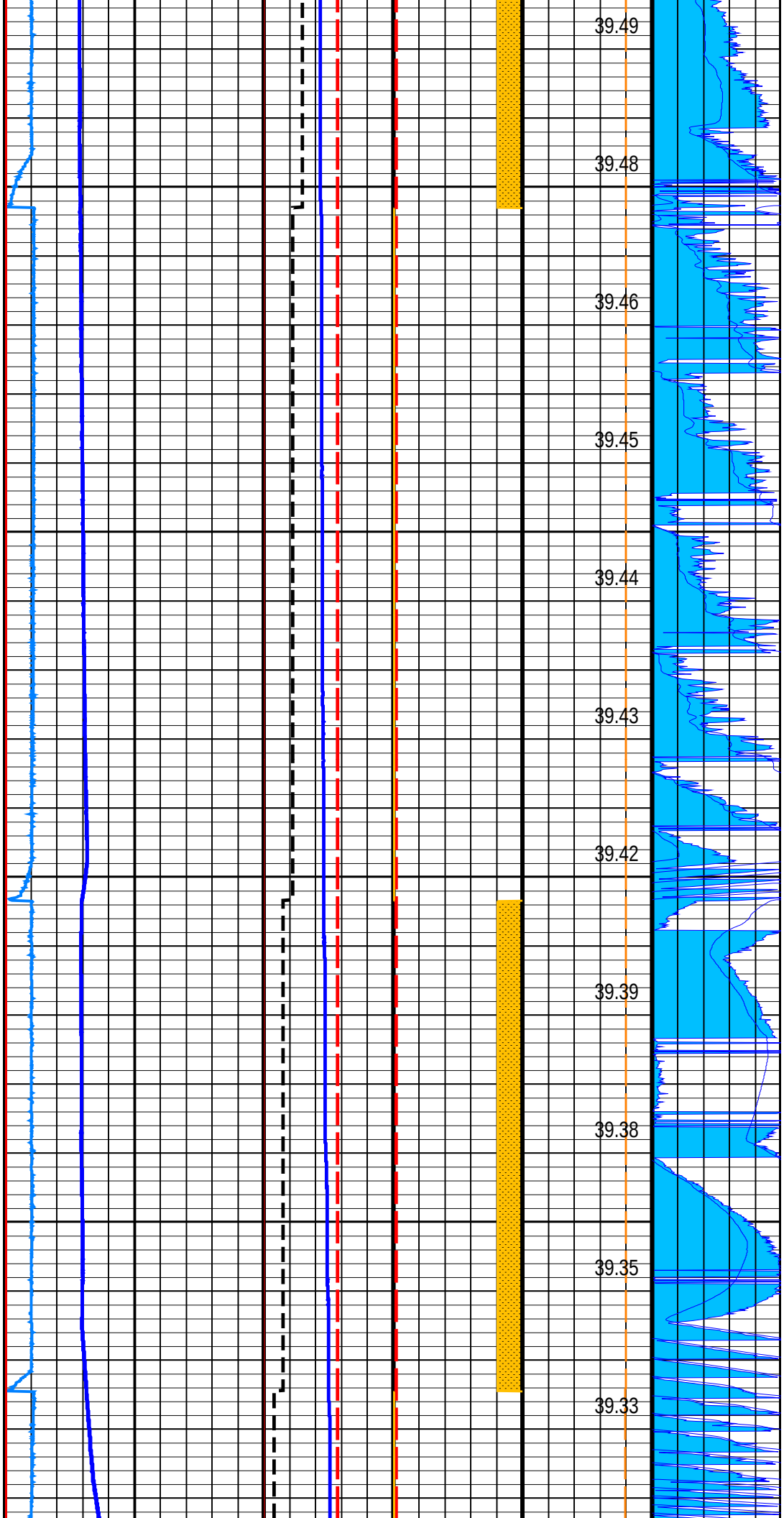
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00:55:00	913.29	913.3
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00:54:10	910.79	910.8
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00:53:40	909.20	909.2
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00:53:10	907.54	907.5
00:53:00	906.97	907.0
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00:51:20	900.69	900.8
00:51:10	900.02	900.1
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00:48:40	888.08	888.2
00:48:30	887.16	887.3
00:48:20	886.20	886.3
00:48:10	885.24	885.4
00:48:00	884.27	884.4
00:47:50	883.25	883.4
00:47:40	882.24	882.4
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00:47:20	880.10	880.3
00:47:10	879.02	879.3
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00:46:30	874.40	874.7
00:46:20	873.15	873.5
00:46:10	871.91	872.3
00:46:00	870.65	871.0
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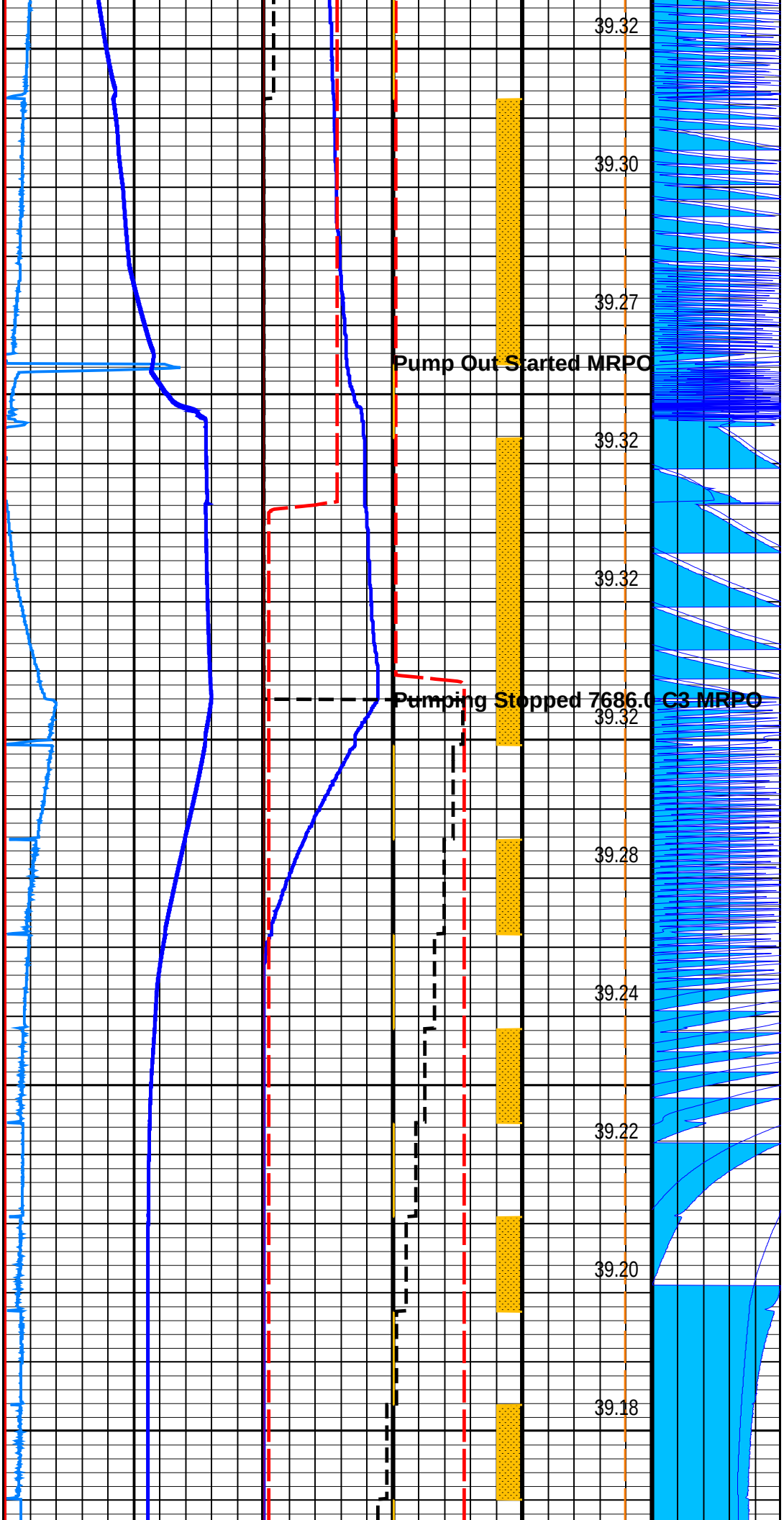
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00:43:30	847.05	847.7
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00:42:50	838.92	839.6
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00:42:30	834.56	835.3
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00:36:00	608.36	610.9
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00:35:00	566.76	564.2
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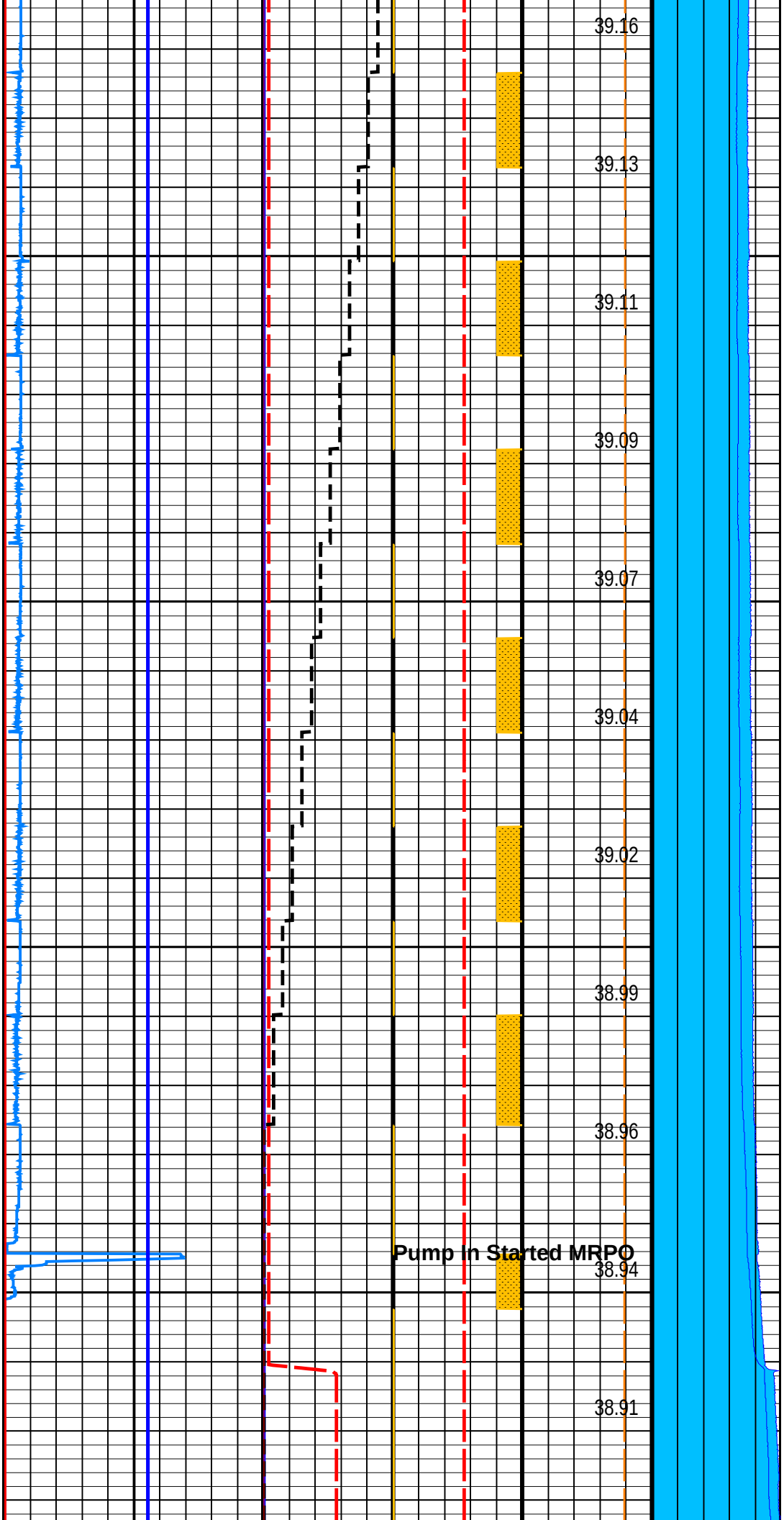
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00:25:30	593.57	590.5
00:25:20	595.21	592.8
00:25:10	595.74	594.1
00:25:00	595.07	594.5
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00:24:40	589.76	587.3
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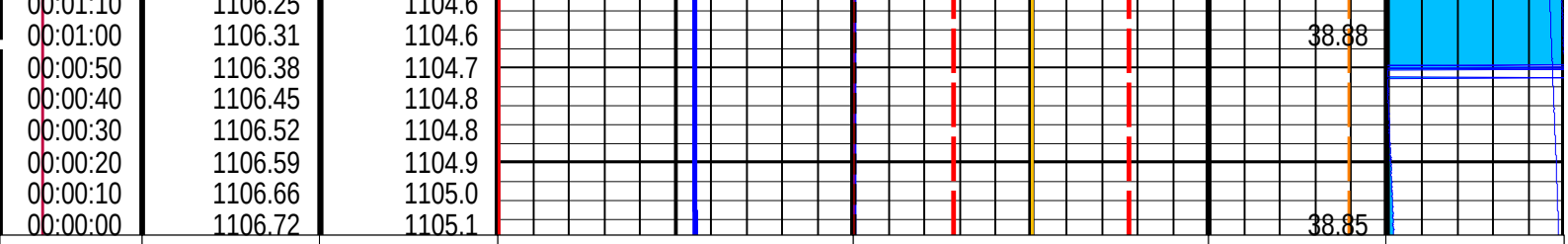


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00:18:40	1572.50	1570.2
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00:03:10	1104.39	1102.9
00:03:00	1104.57	1102.9
00:02:50	1104.70	1103.1
00:02:40	1104.78	1103.1
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00:02:00	1105.87	1104.2
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00:01:40	1106.04	1104.4
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00:01:20	1106.12	1104.4





Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)	MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000	MRPA Quartz Temperature (PAQT) (DEGF) 100 150	MRPA SG One's (PSGU) 0 (---- 10
MRPC 50 V Supply (50V) 30 (V) 100		MRPA SG Pressure (PASG) 0 (PSIA) 2000	MRPA Interval Valve Position (PAVP) −5 (---- 250	MRPA Inflate Valve Position (PAFP) −5 (---- 250	MRPA Quartz Temperature (PAQT) (DEGF)	MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10
		MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Pump Volume (POPV) 0 (C3) 10000			
		MRPA Quartz Pressure (PAQP) 0 (PSIA) 2000	MRPA Auto deflate status (PAAD) 0 (---- 5	MRPO Solenoid 3 Status (POS3) 5 (---- 0		

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: PACKER **Vertical Scale: 1" per 60S** **Graphics File Created: 16−Feb−2007 19:17**

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_094LTP	FN:105	PRODUCER	16−Feb−2007 19:17

Schlumberger

DEPTH 2047

Schlumberger

DEPTH 2047

MAXIS Field Log

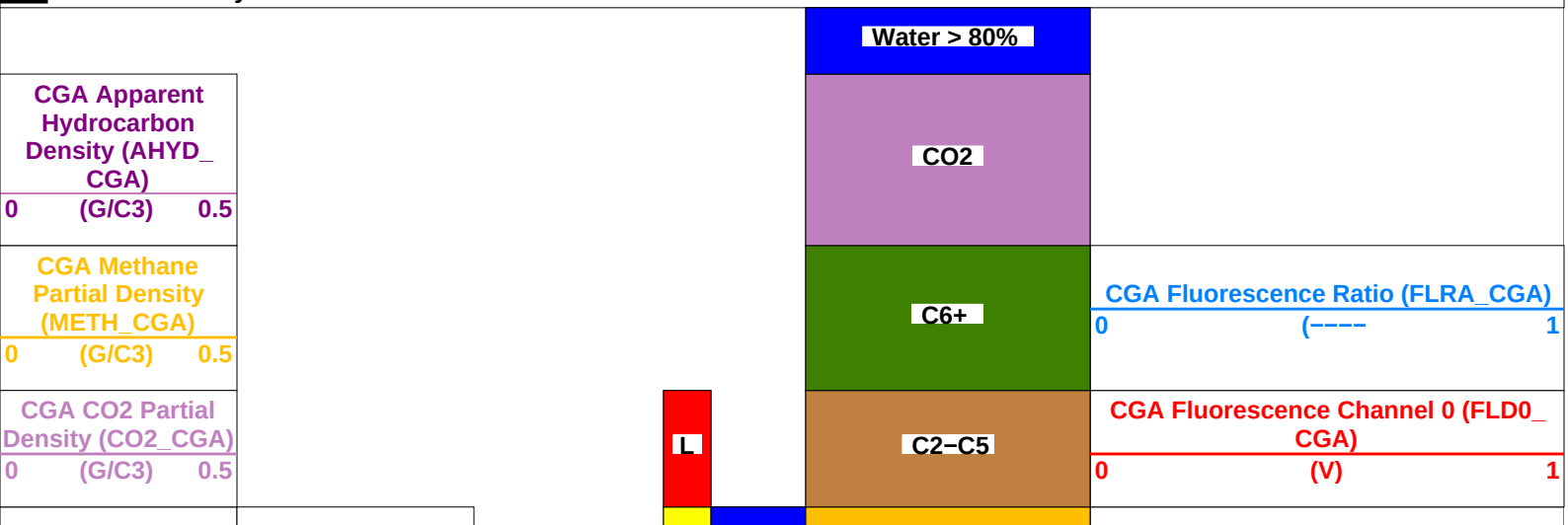
Output DLIS Files

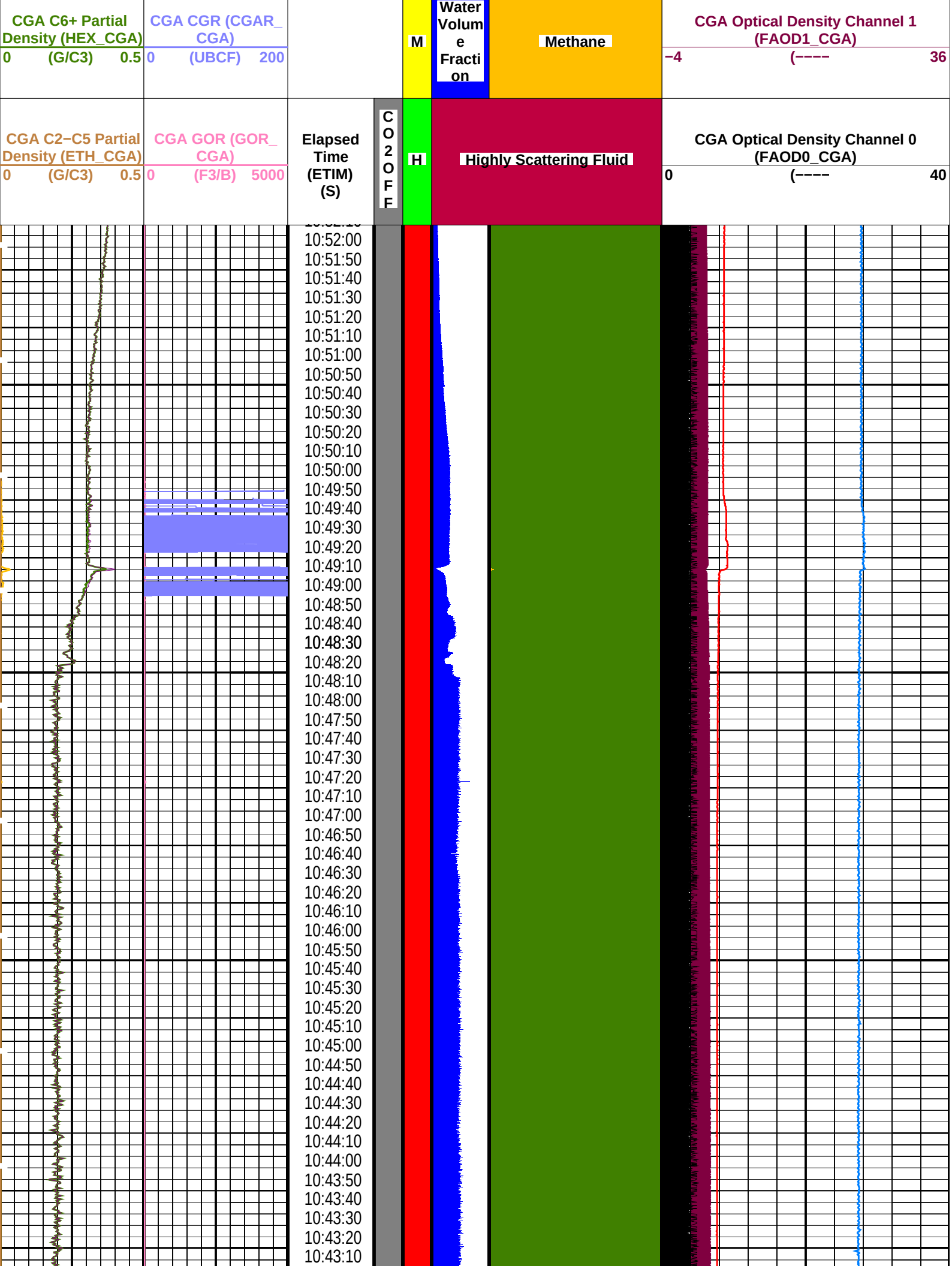
DEFAULT	MDT_OFA_095LTP	FN:106	PRODUCER	17−Feb−2007 06:40	2047.1 FT	326.1 FT

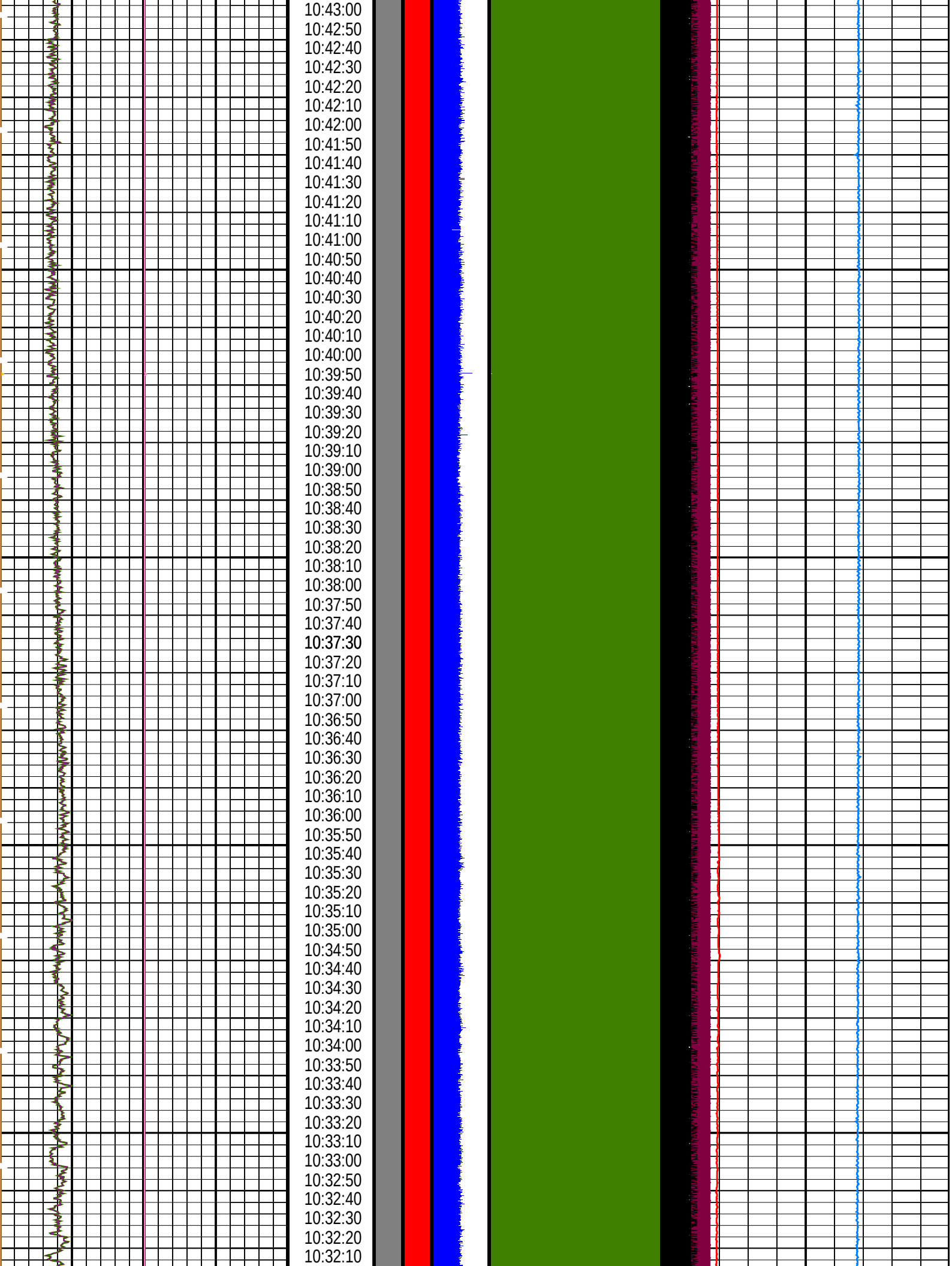
Elapsed Time (s)	Event Summary
37844.4	Pumping Stopped 17169.0 C3 Dual Pumpout Module (MRPO) 2
37110.9	Seal MDT Multi−Sample (MRMS) 1, bottle 4
36883.8	Open MDT Multi−Sample (MRMS) 1, bottle 4, sample number = 4
34164.9	Pump Out Started Dual Pumpout Module (MRPO) 2
34134.0	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
34079.7	Pump Out Started Dual Pumpout Module (MRPO)
19670.4	Pumping Stopped 531.0 C3 Dual Pumpout Module (MRPO) 2
19204.2	Seal MDT Multi−Sample (MRMS) 1, bottle 3
18936.0	Open MDT Multi−Sample (MRMS) 1, bottle 3, sample number = 3
18876.9	Pump Out Started Dual Pumpout Module (MRPO) 2
18868.2	Pumping Stopped 1239.0 C3 Dual Pumpout Module (MRPO) 2
16559.4	Pump Out Started Dual Pumpout Module (MRPO) 2
16554.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
16485.3	Pump Out Started Dual Pumpout Module (MRPO)
16479.9	Pumping Stopped 19764.0 C3 Dual Pumpout Module (MRPO)
6972.0	Seal Sample Chamber Module 2 (1 Gallon, H2S)
5903.1	Pump Out Started Dual Pumpout Module (MRPO)
2135.4	Pumping Stopped 1464.0 C3 Dual Pumpout Module (MRPO)
1513.2	Pump Out Started Dual Pumpout Module (MRPO)
1404.9	Pumping Stopped 6954.0 C3 Dual Pumpout Module (MRPO)
576.9	Pump In Started Dual Pumpout Module (MRPO)

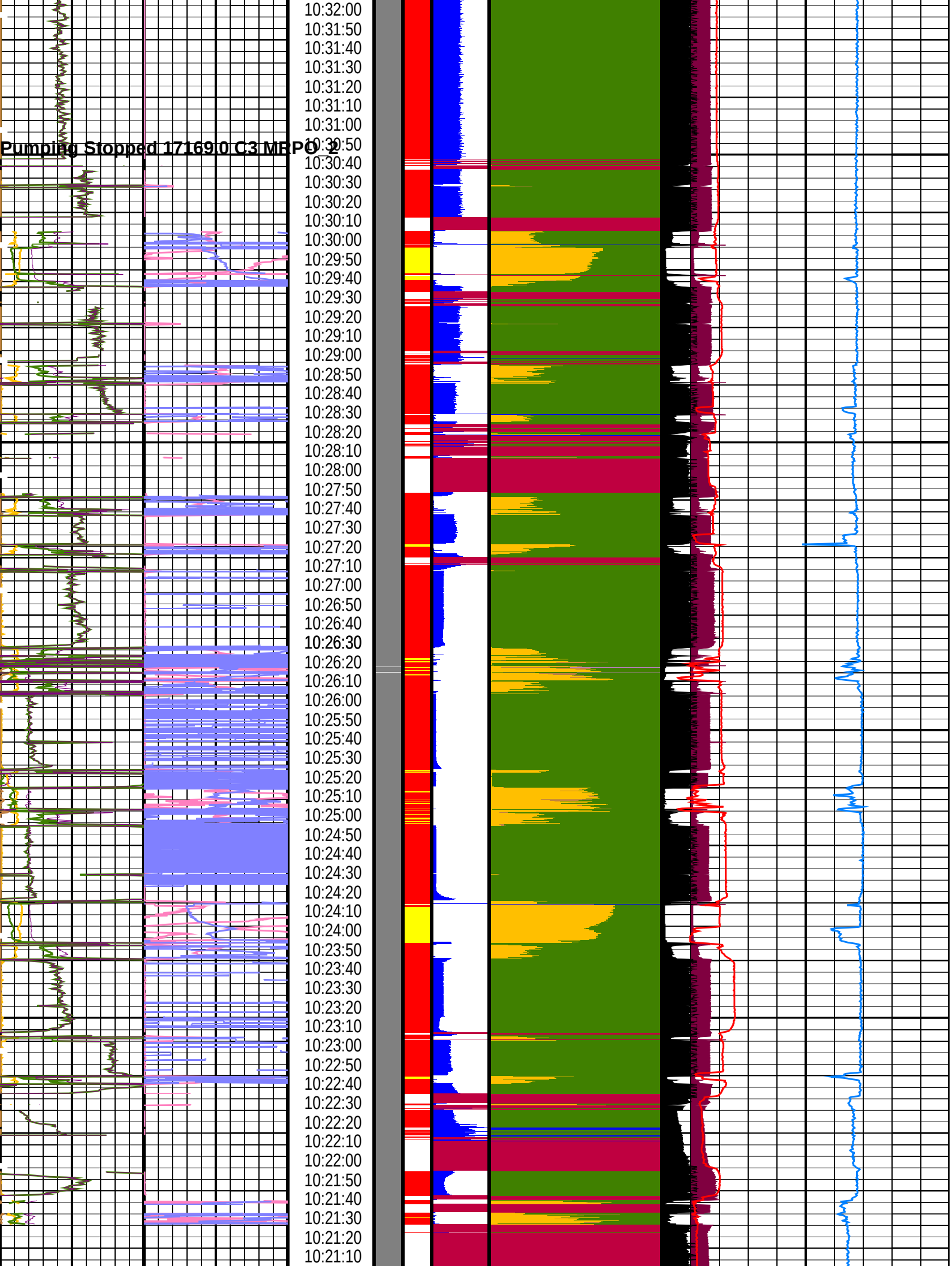
PIP SUMMARY

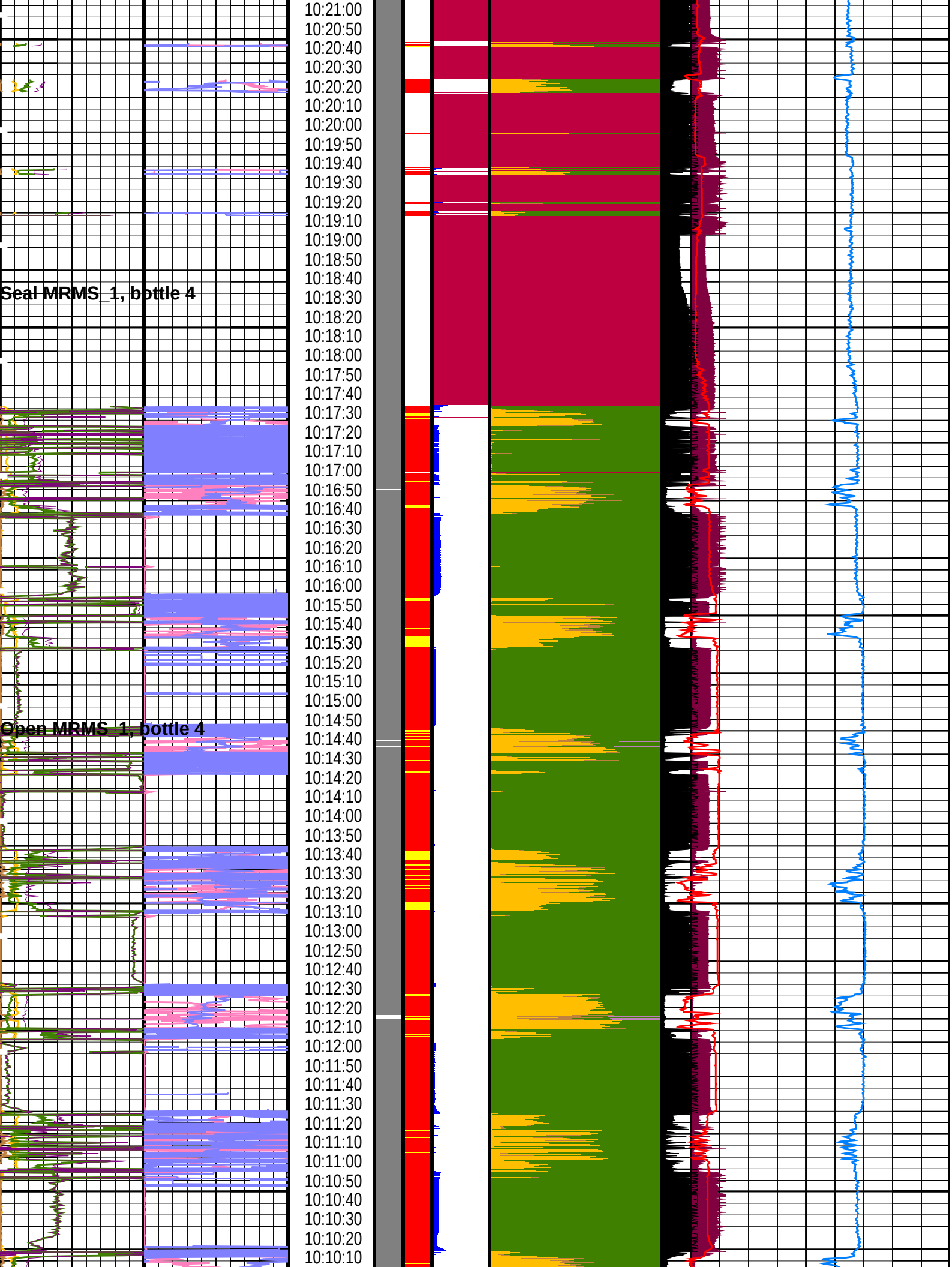
Time Mark Every 60 S

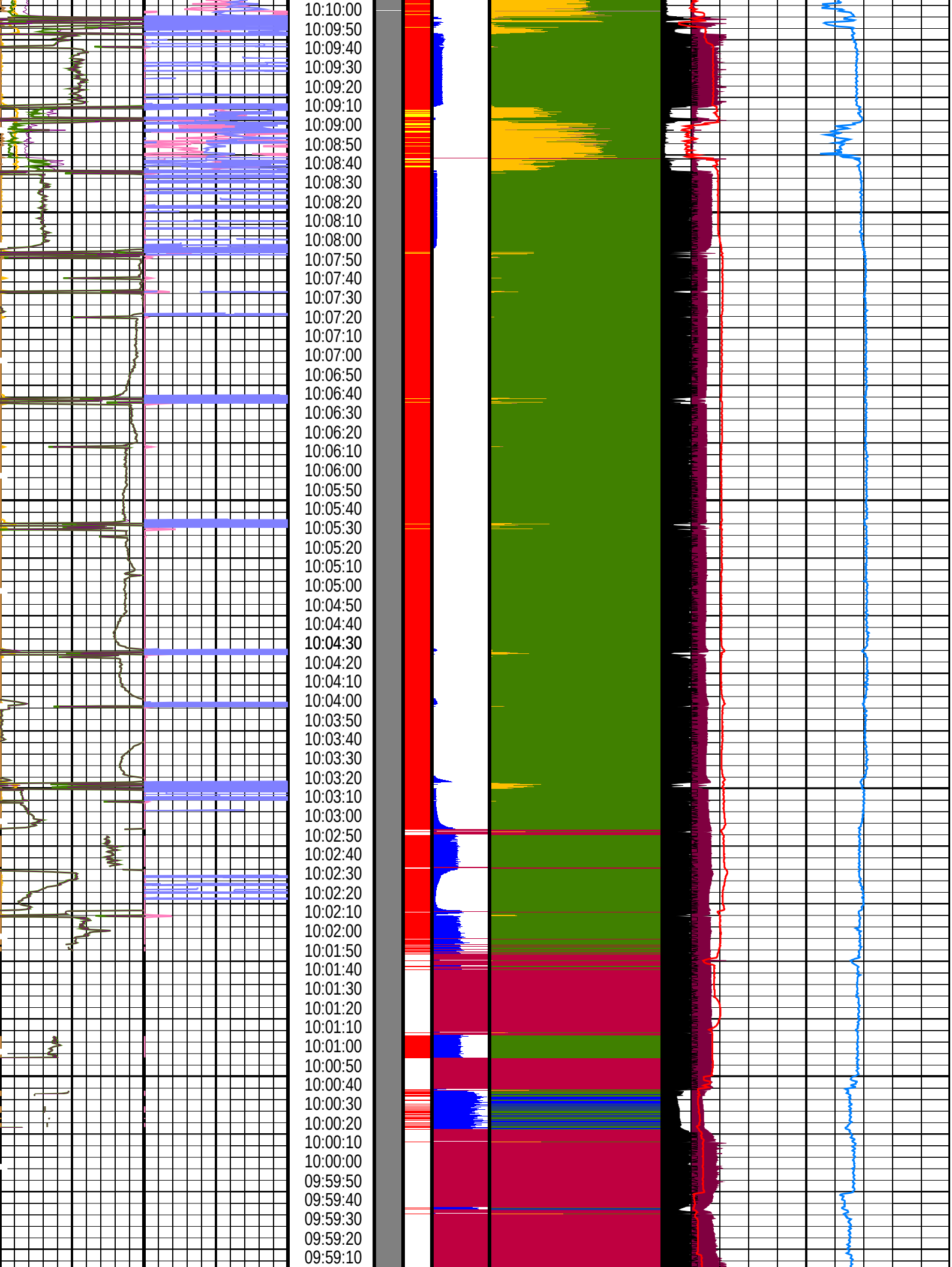


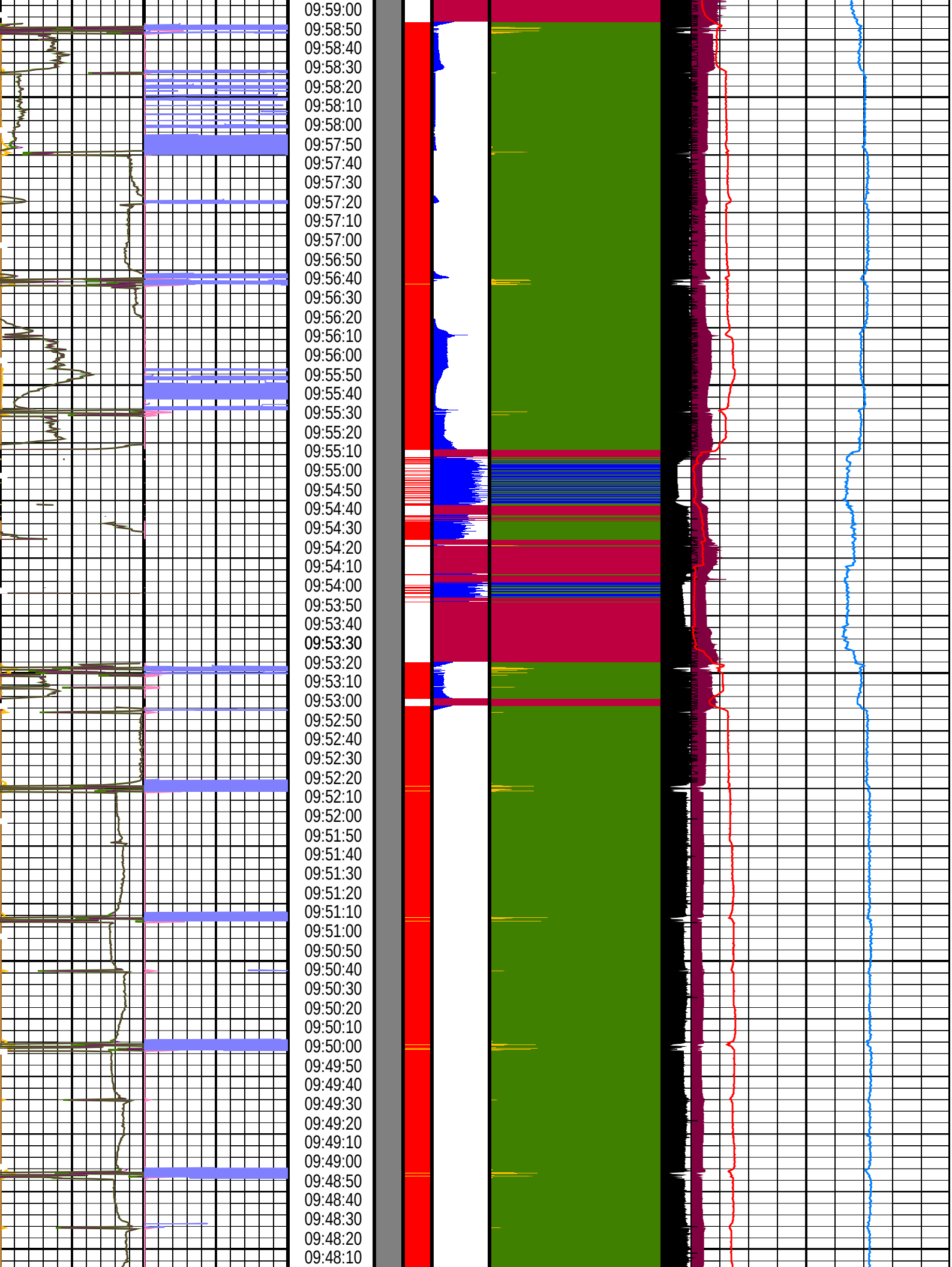

CGA C6+ Partial Density (HEX_CGA)
0 (G/C3) 0.5
CGA CGR (CGAR_CGA)
0 (UBCF) 200
M
Water Volume Fraction
Methane
CGA Optical Density Channel 1 (FAOD1_CGA)
−4 (−−−− 36
CGA C2−C5 Partial Density (ETH_CGA)
0 (G/C3) 0.5
CGA GOR (GOR_CGA)
0 (F3/B) 5000
Elapsed Time (ETIM) (S)
CO2OFF
H
Highly Scattering Fluid
CGA Optical Density Channel 0 (FAOD0_CGA)
0 (−−−− 40
10:52:00
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10:51:40
10:51:30
10:51:20
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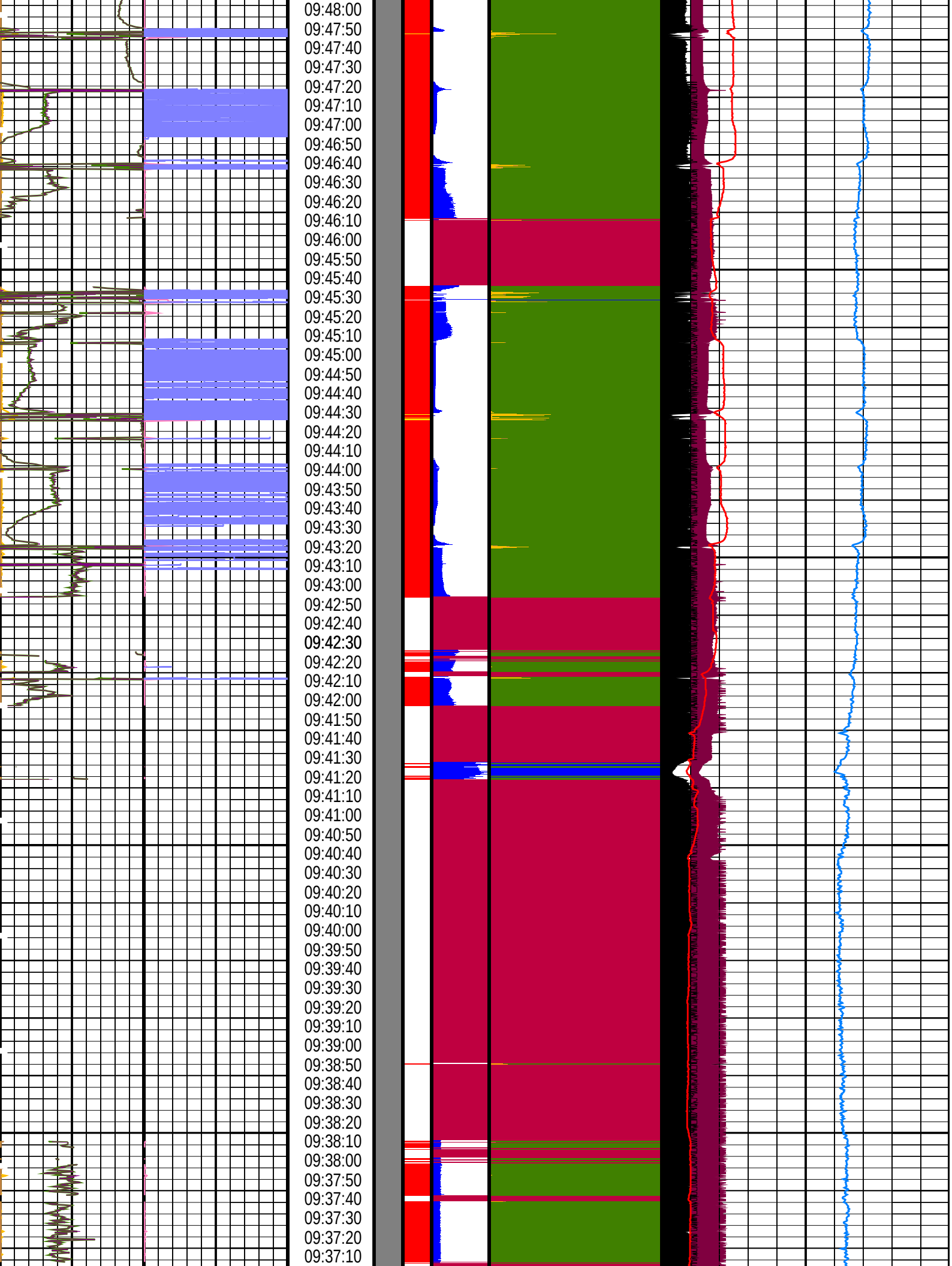

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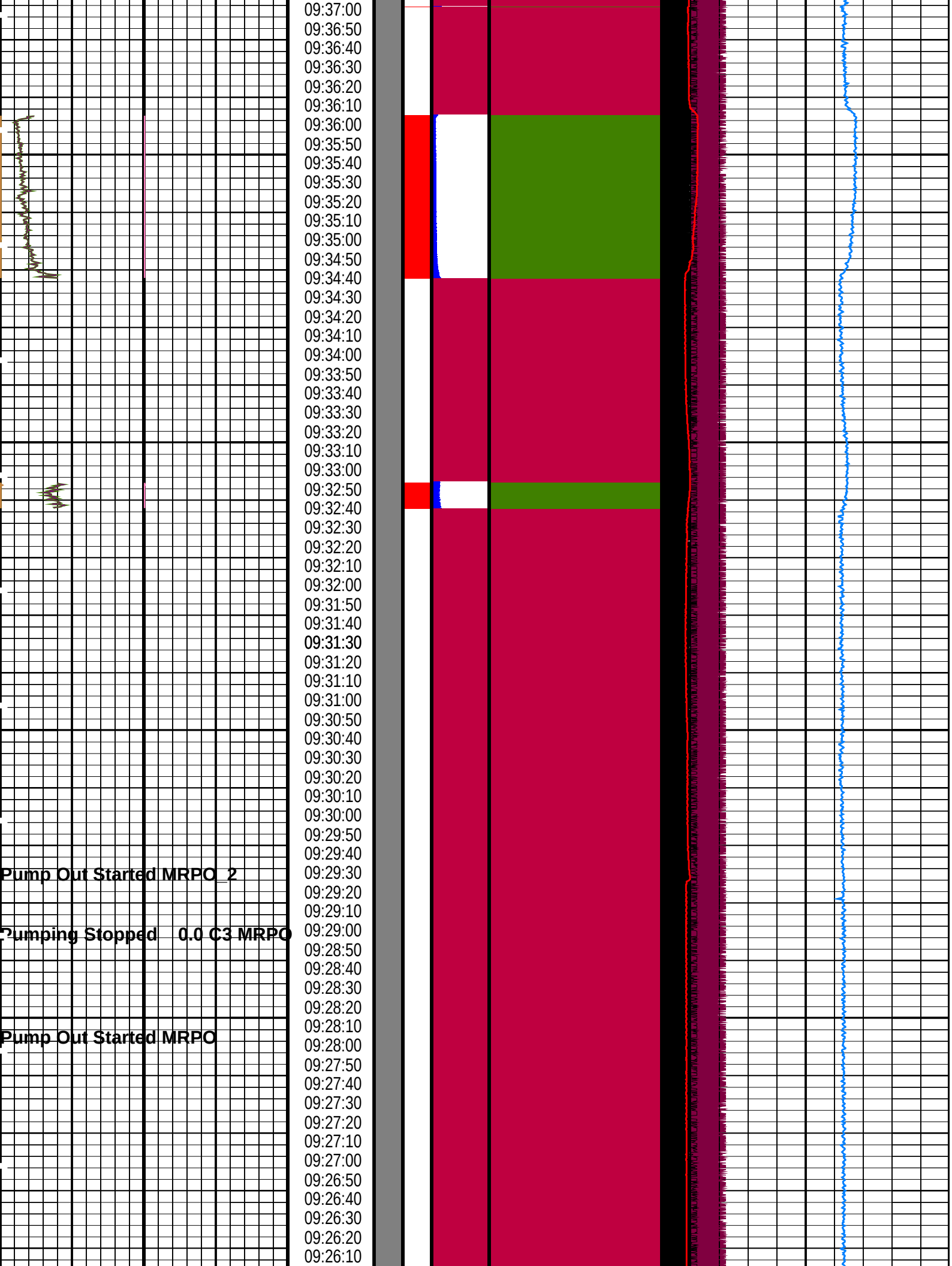

Pumping Stopped 17169.0 C3 MRPO 2
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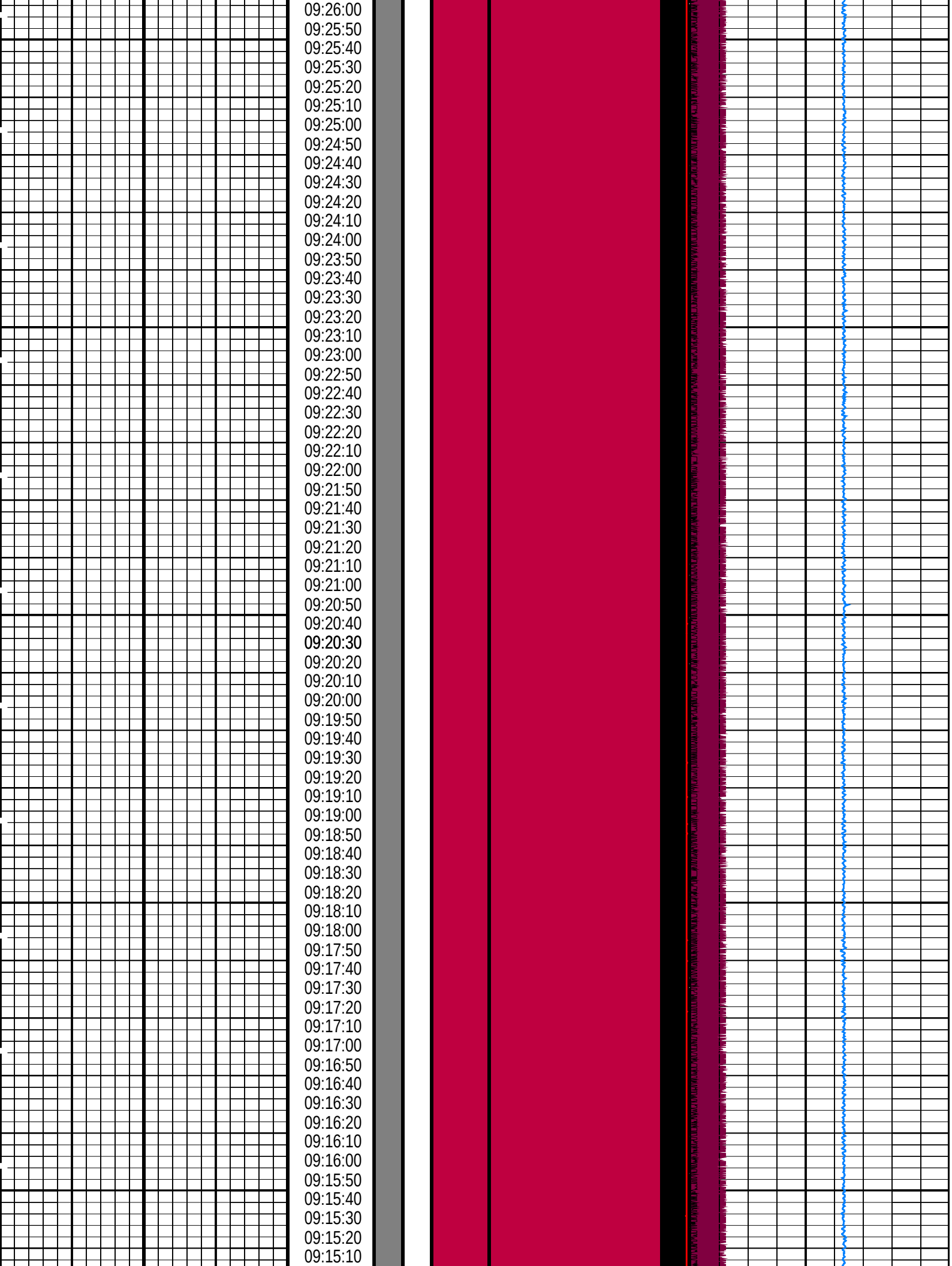

Seal MRMS_1, bottle 4
Open MRMS_1, bottle 4
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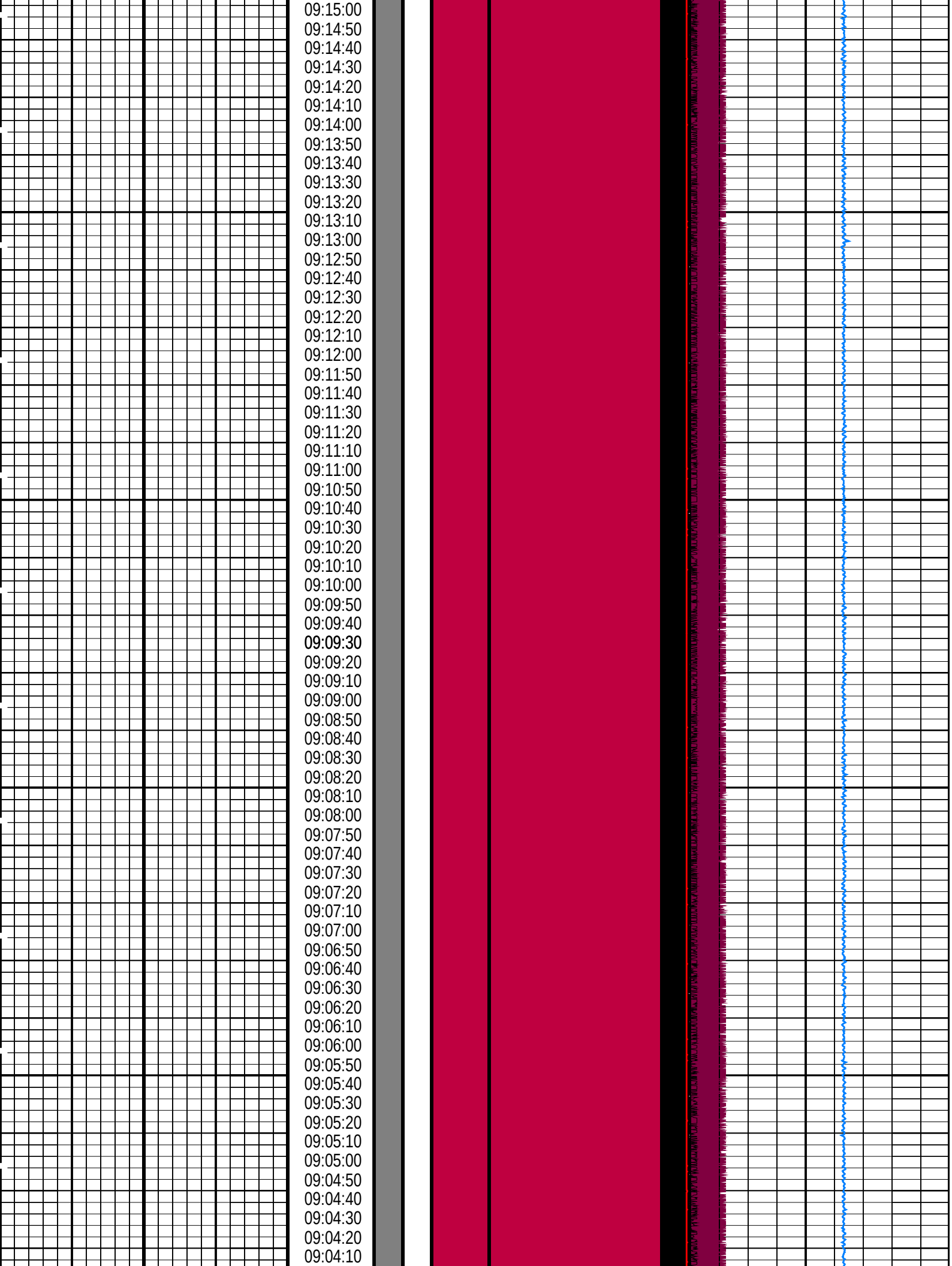

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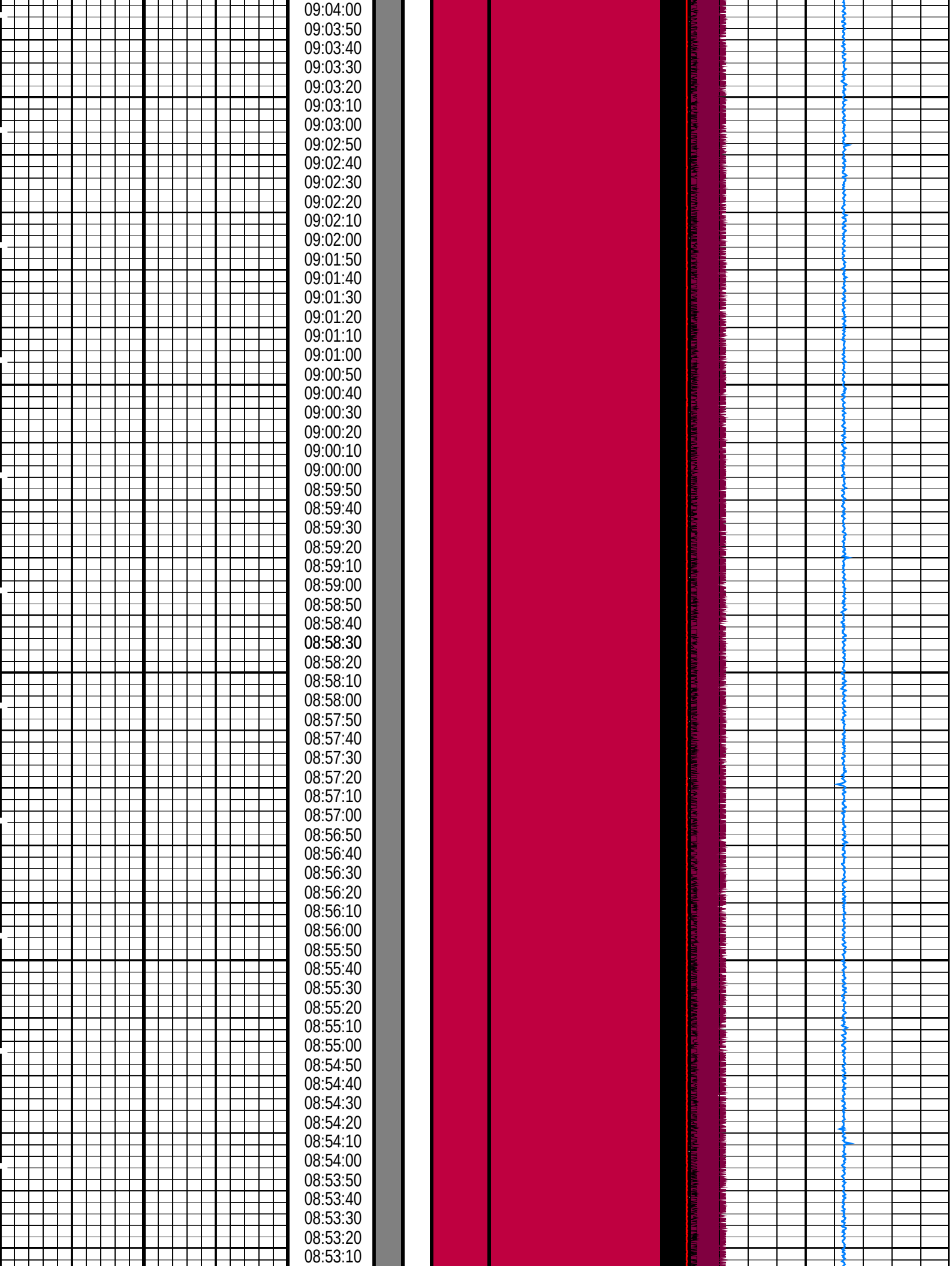

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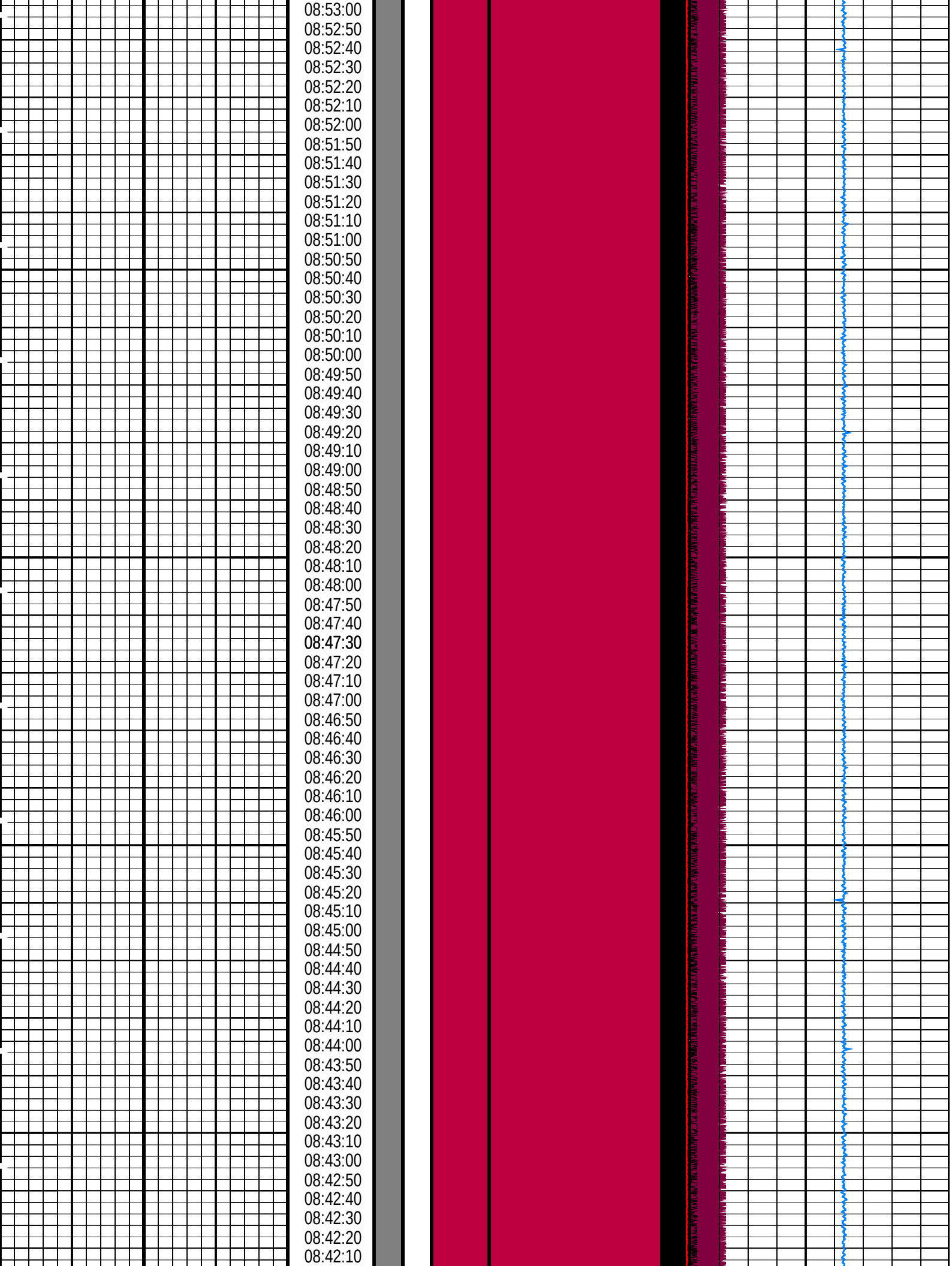

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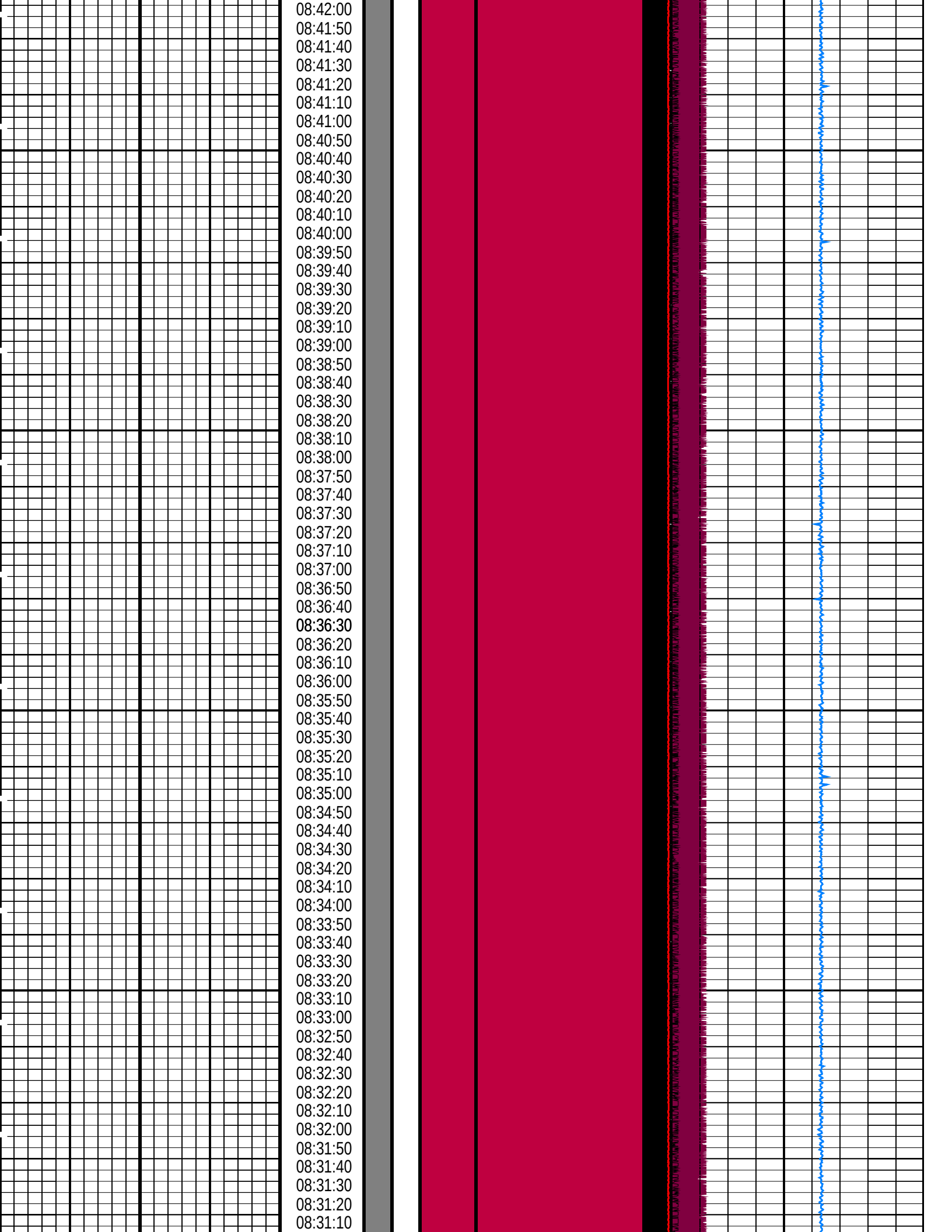

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Pump Out Started MRPO_2
09:29:30
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Pumping Stopped 0.0 C3 MRPO
09:29:00
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Pump Out Started MRPO
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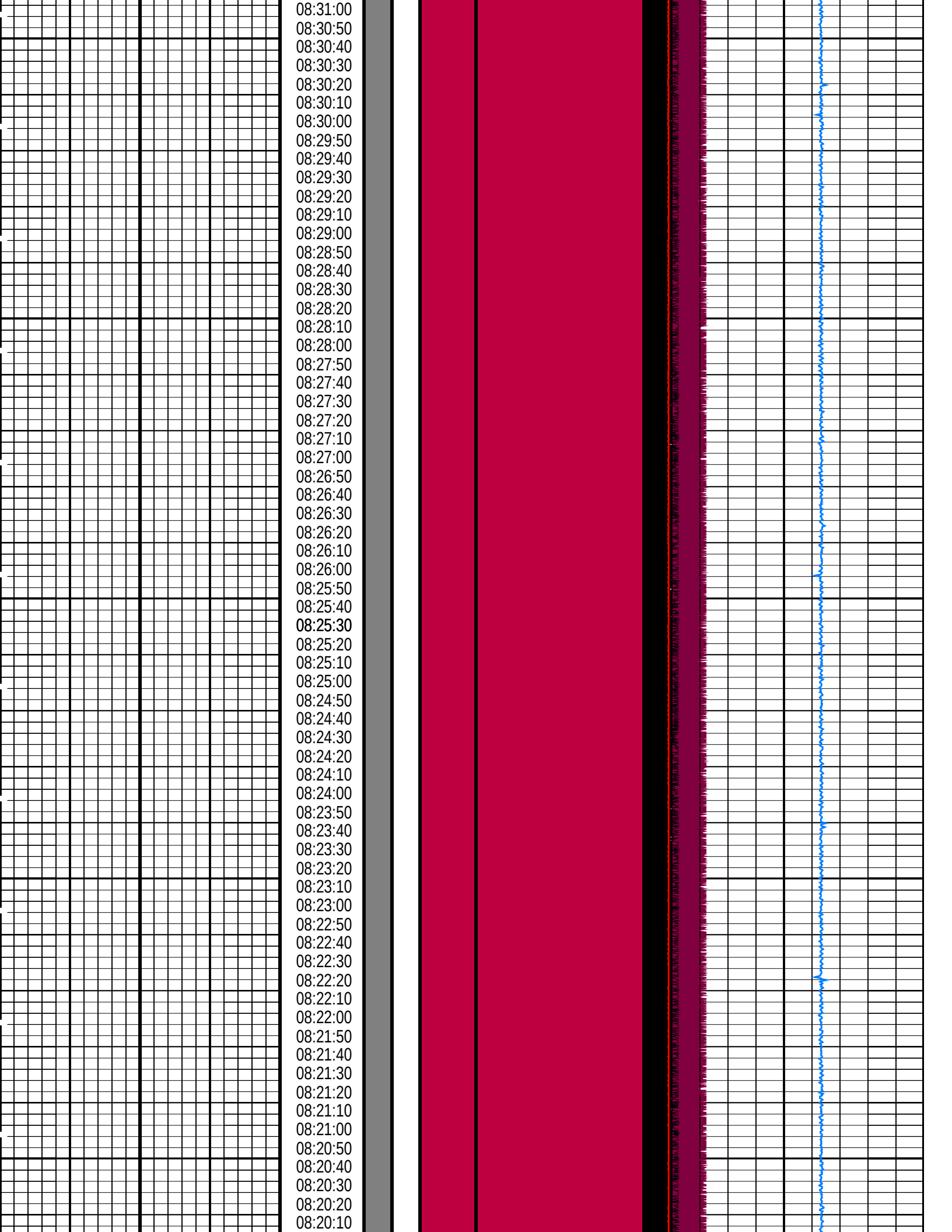

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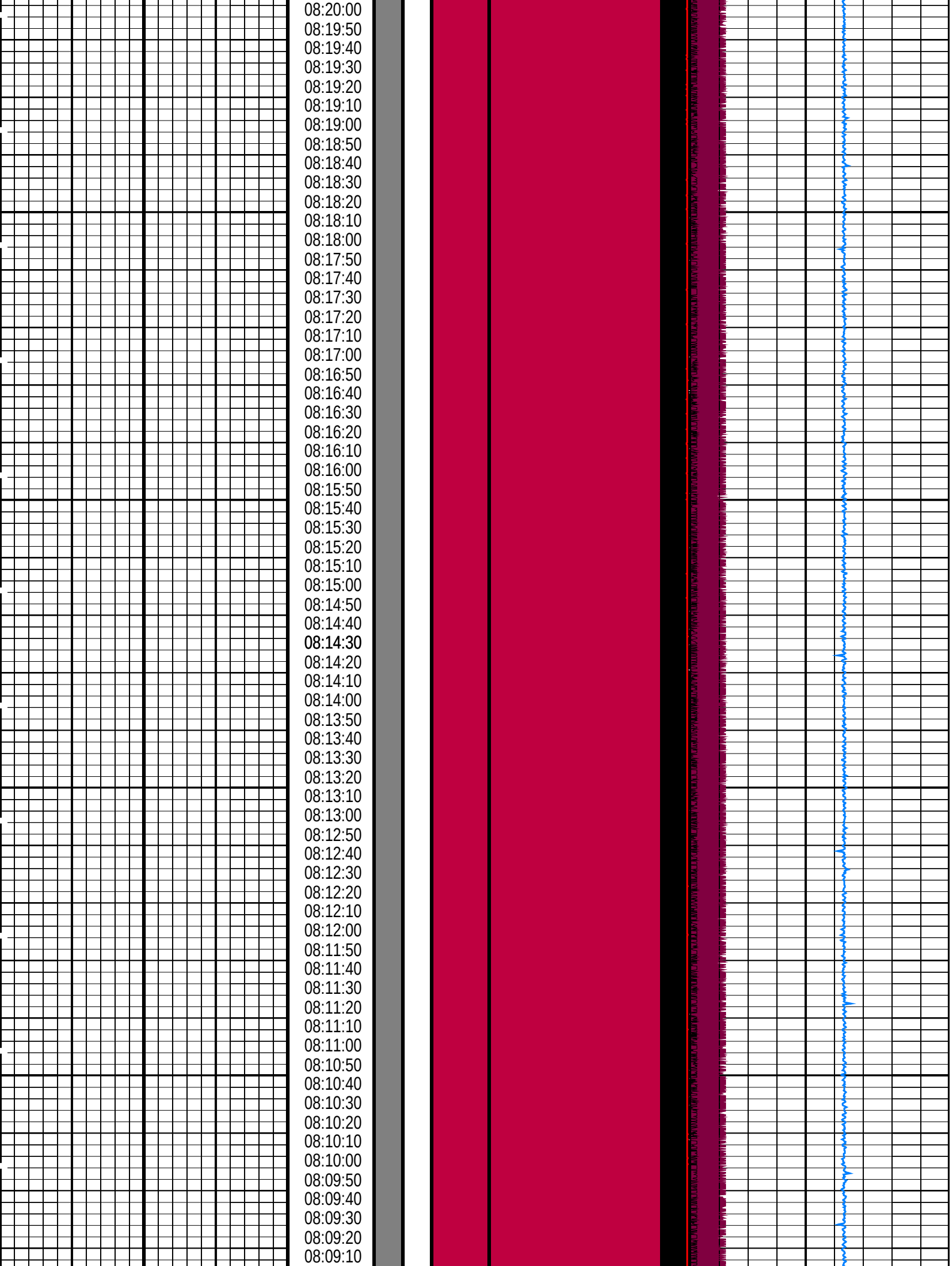

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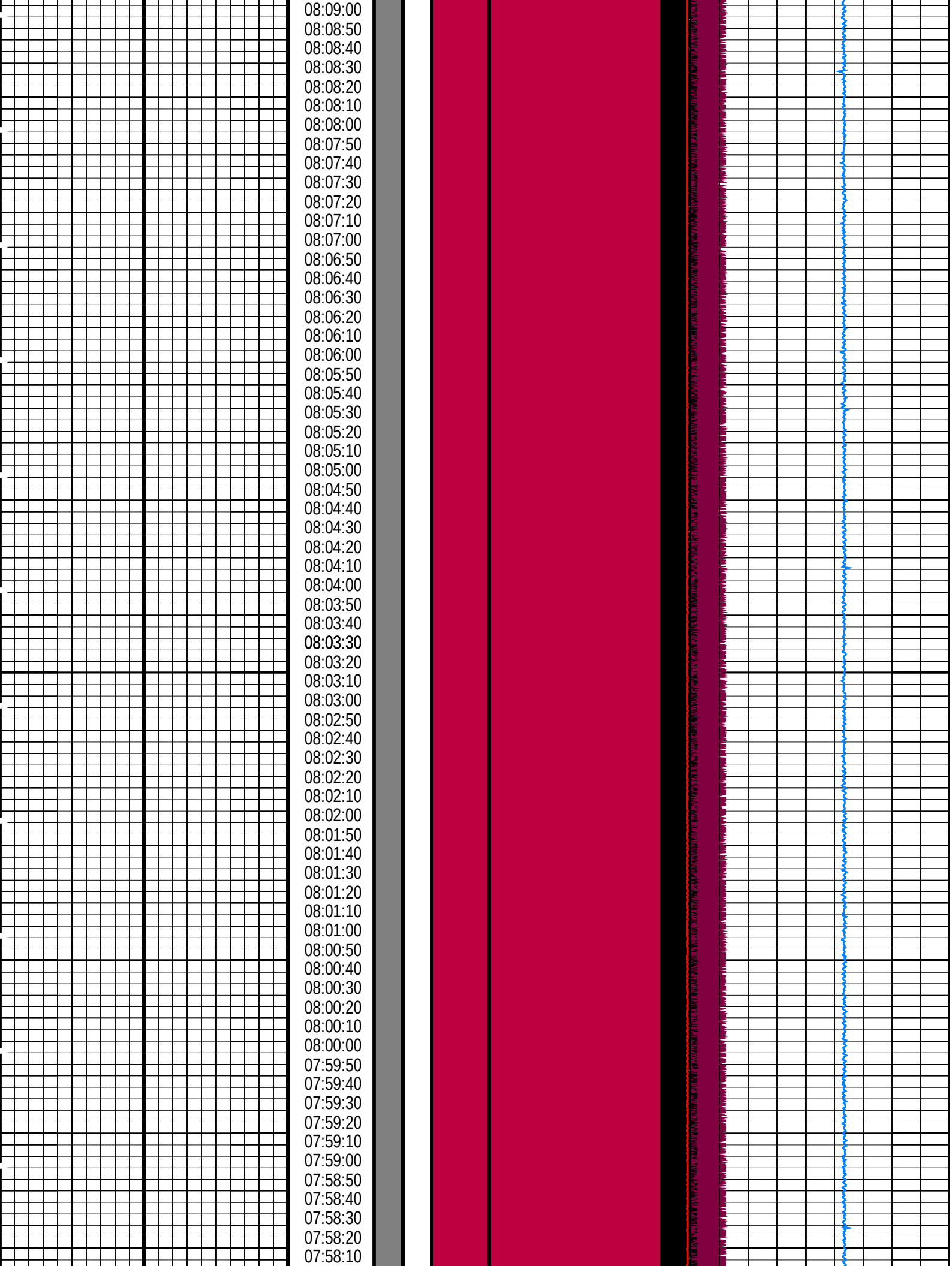

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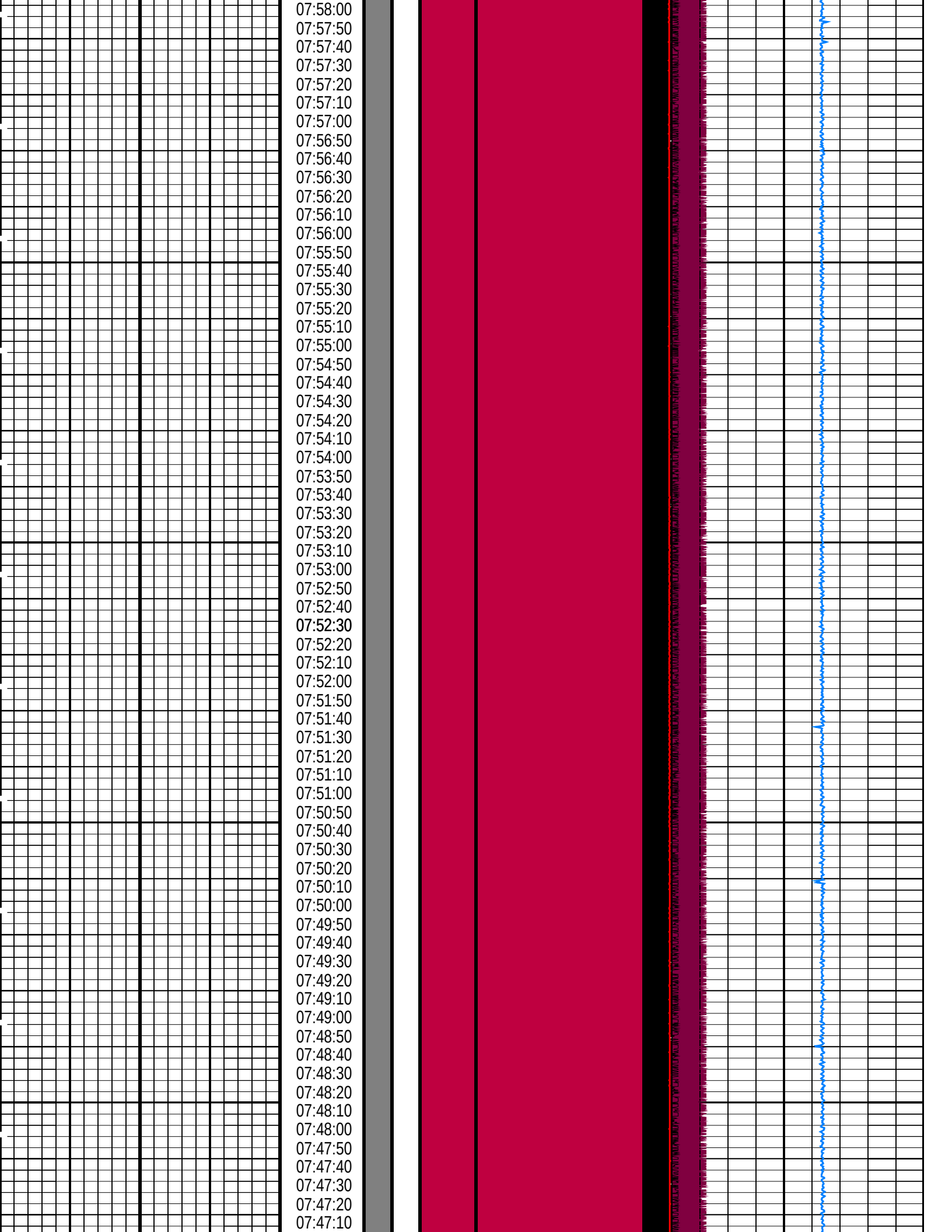

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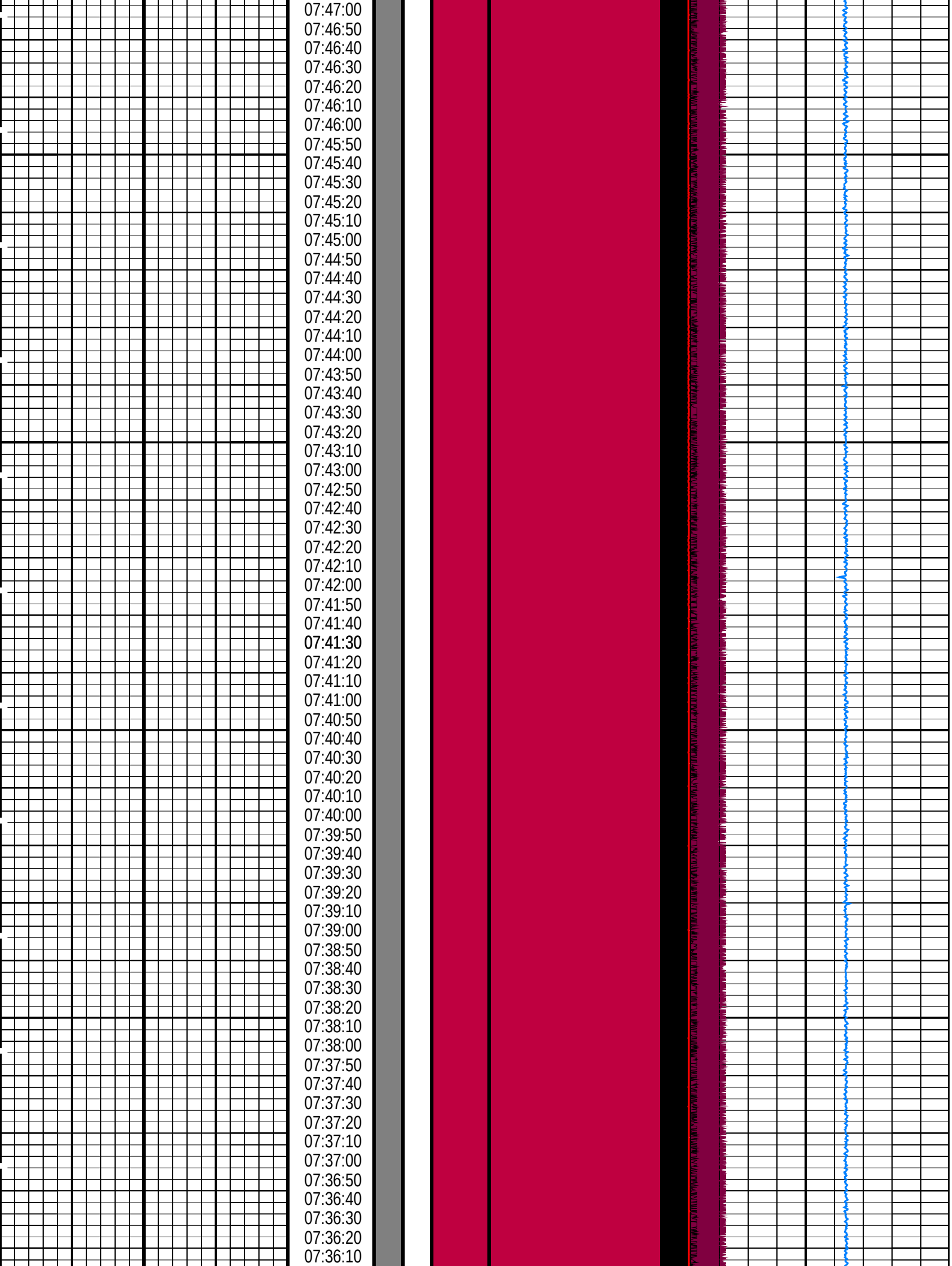

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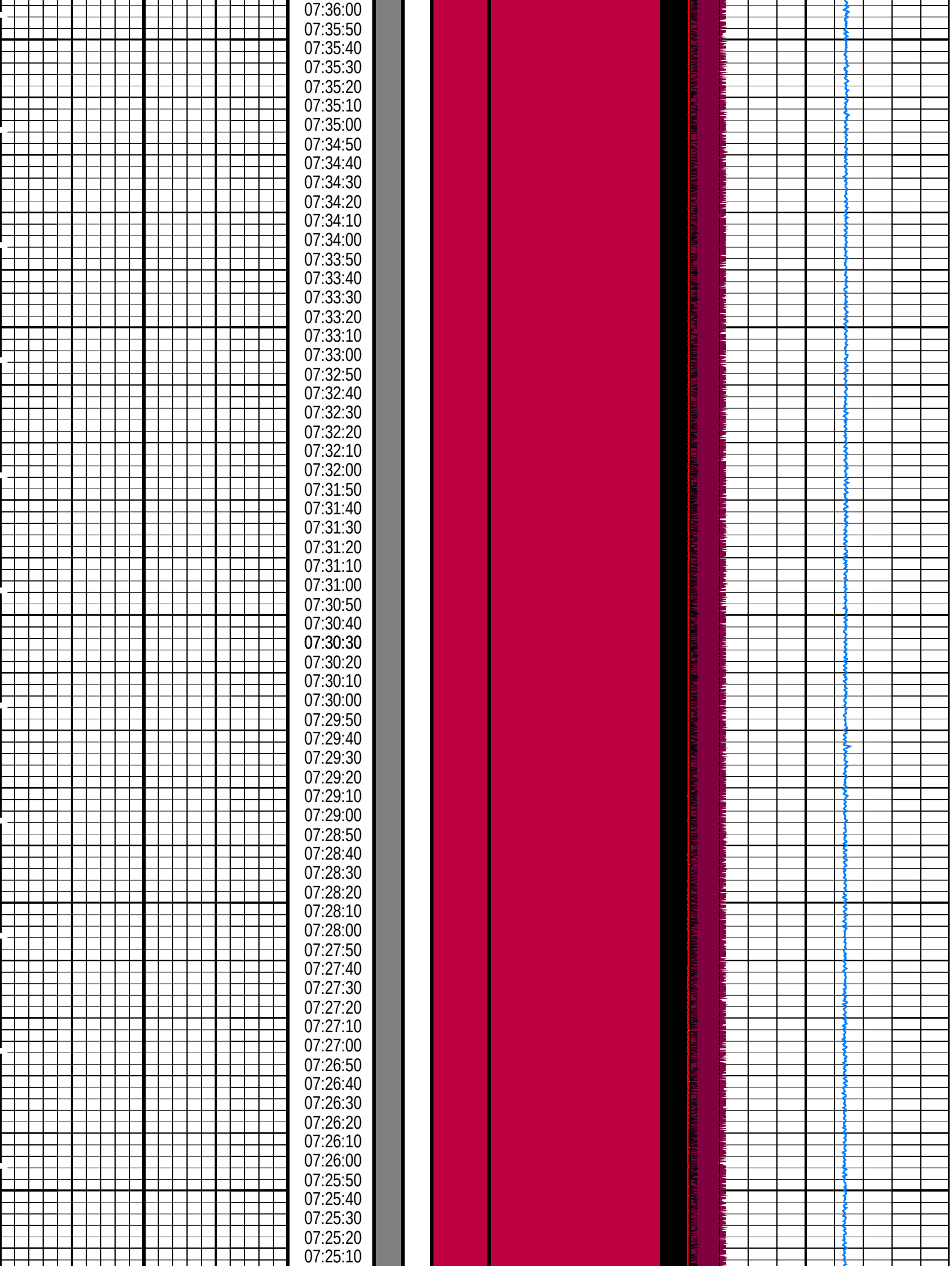

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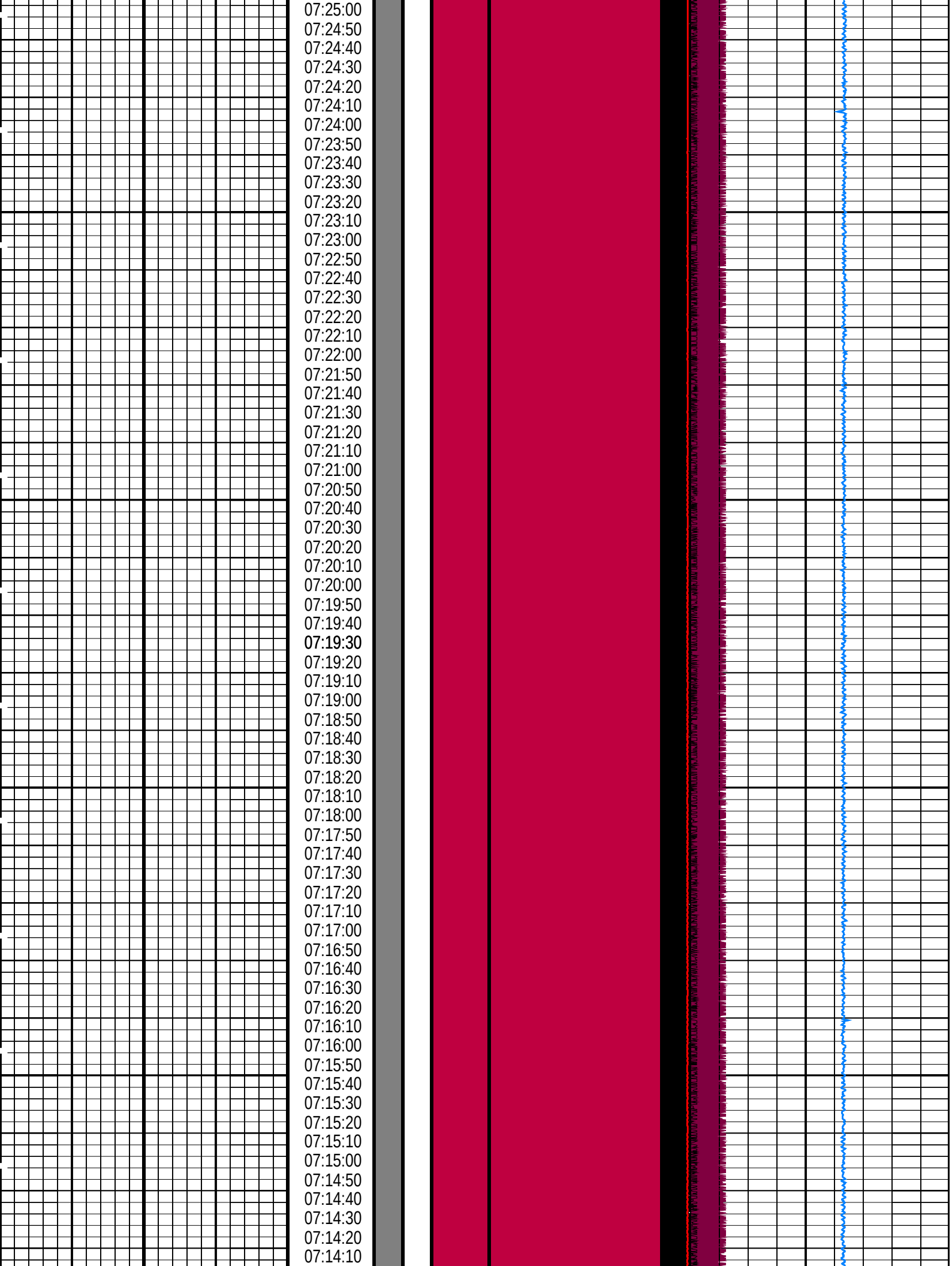

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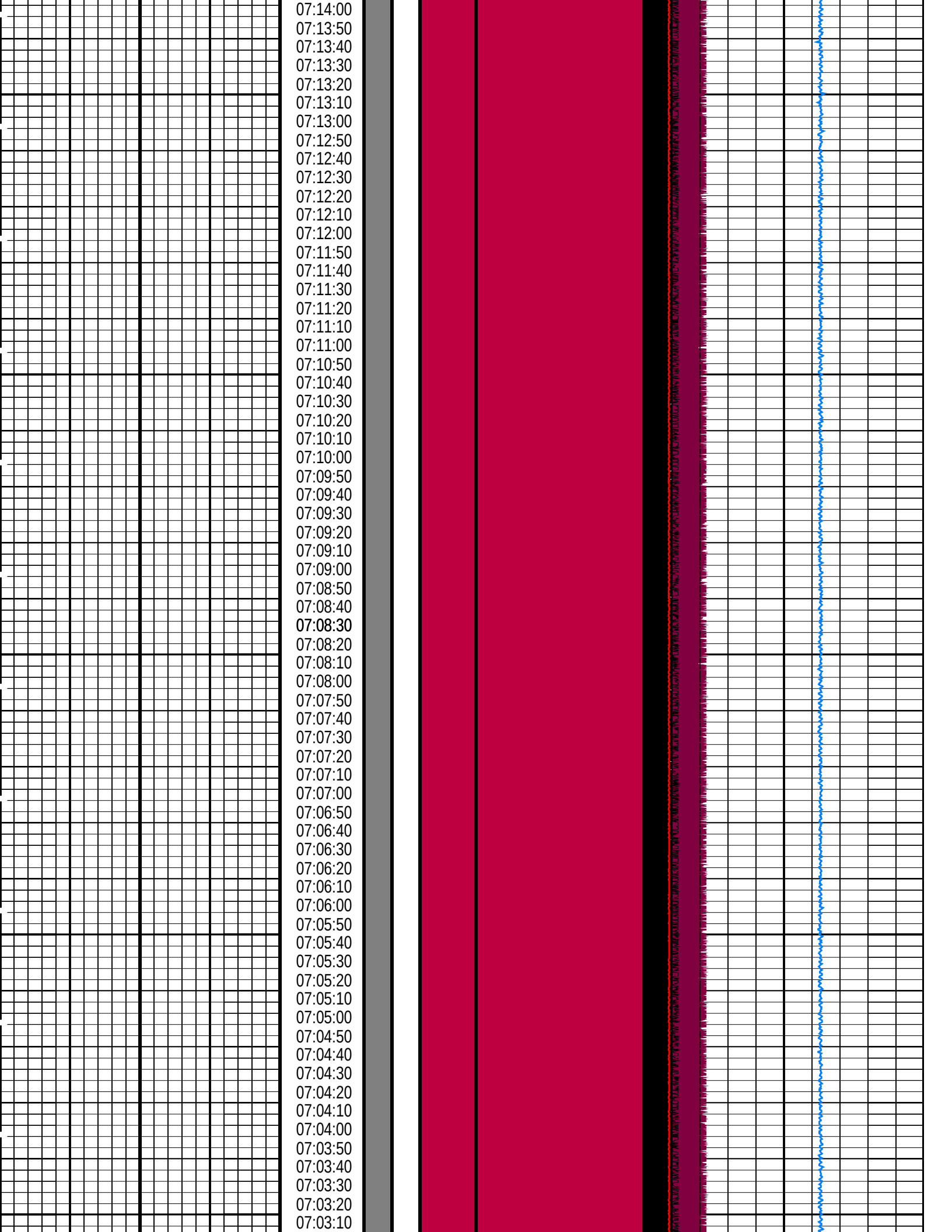

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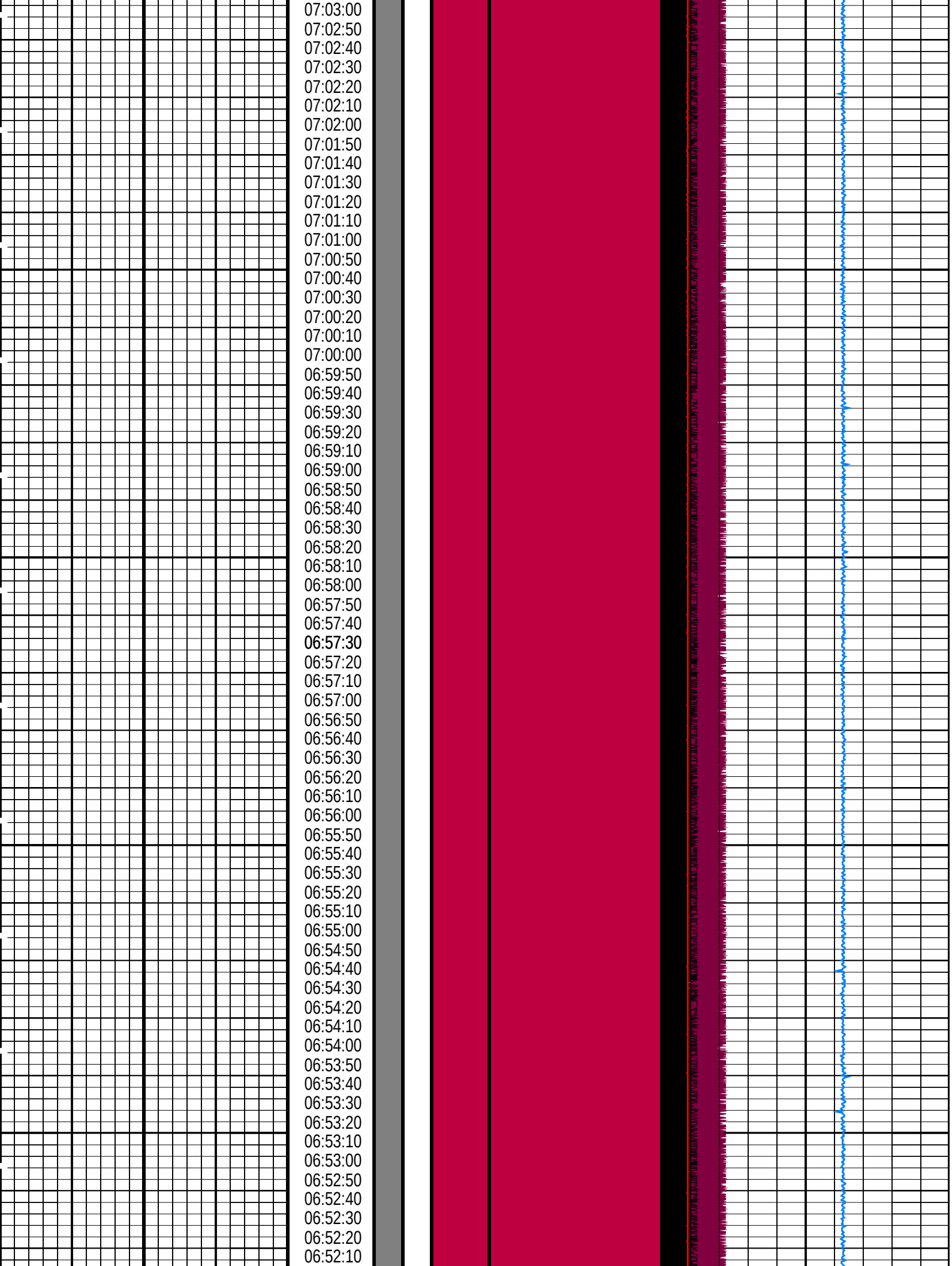

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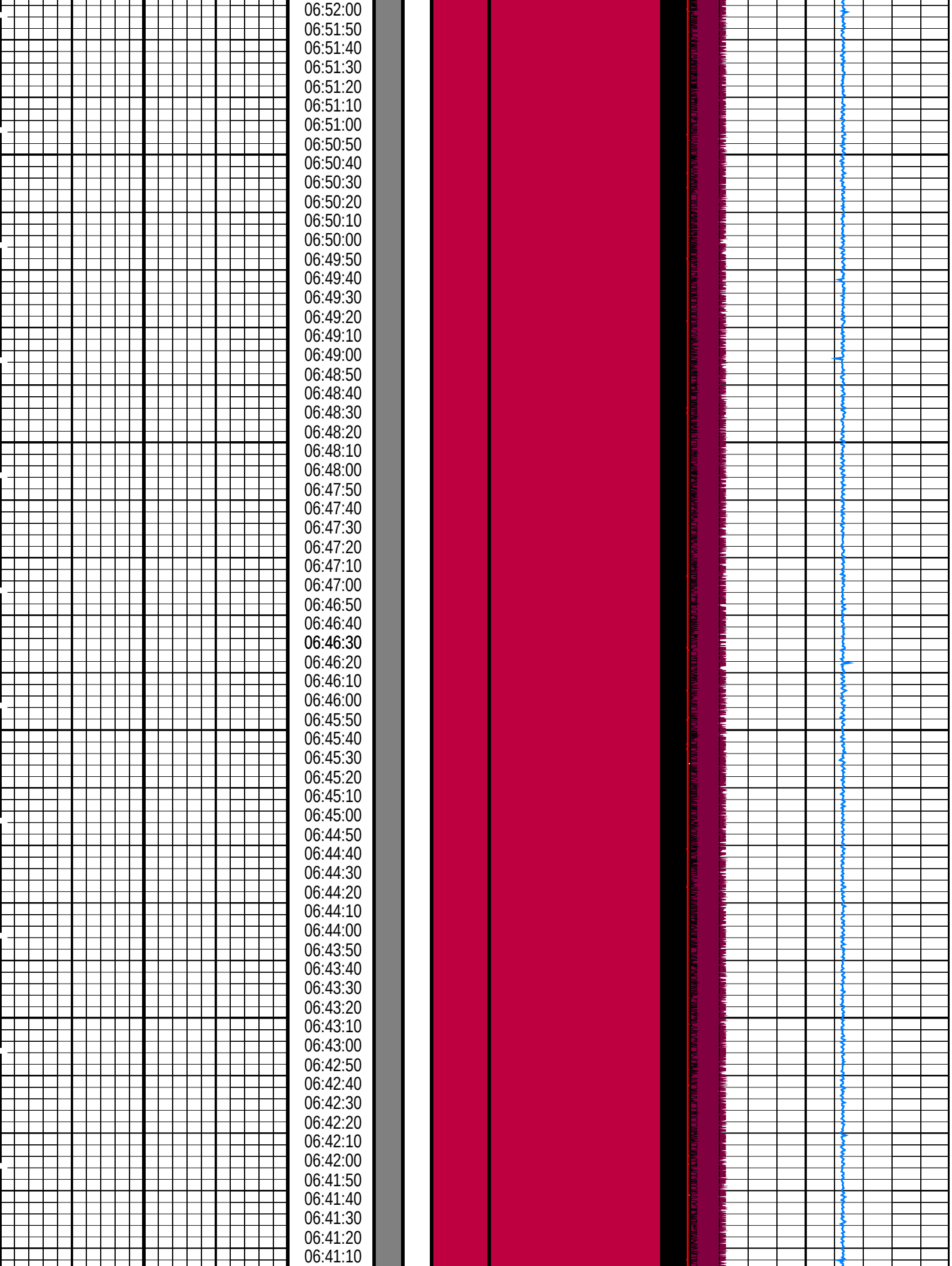

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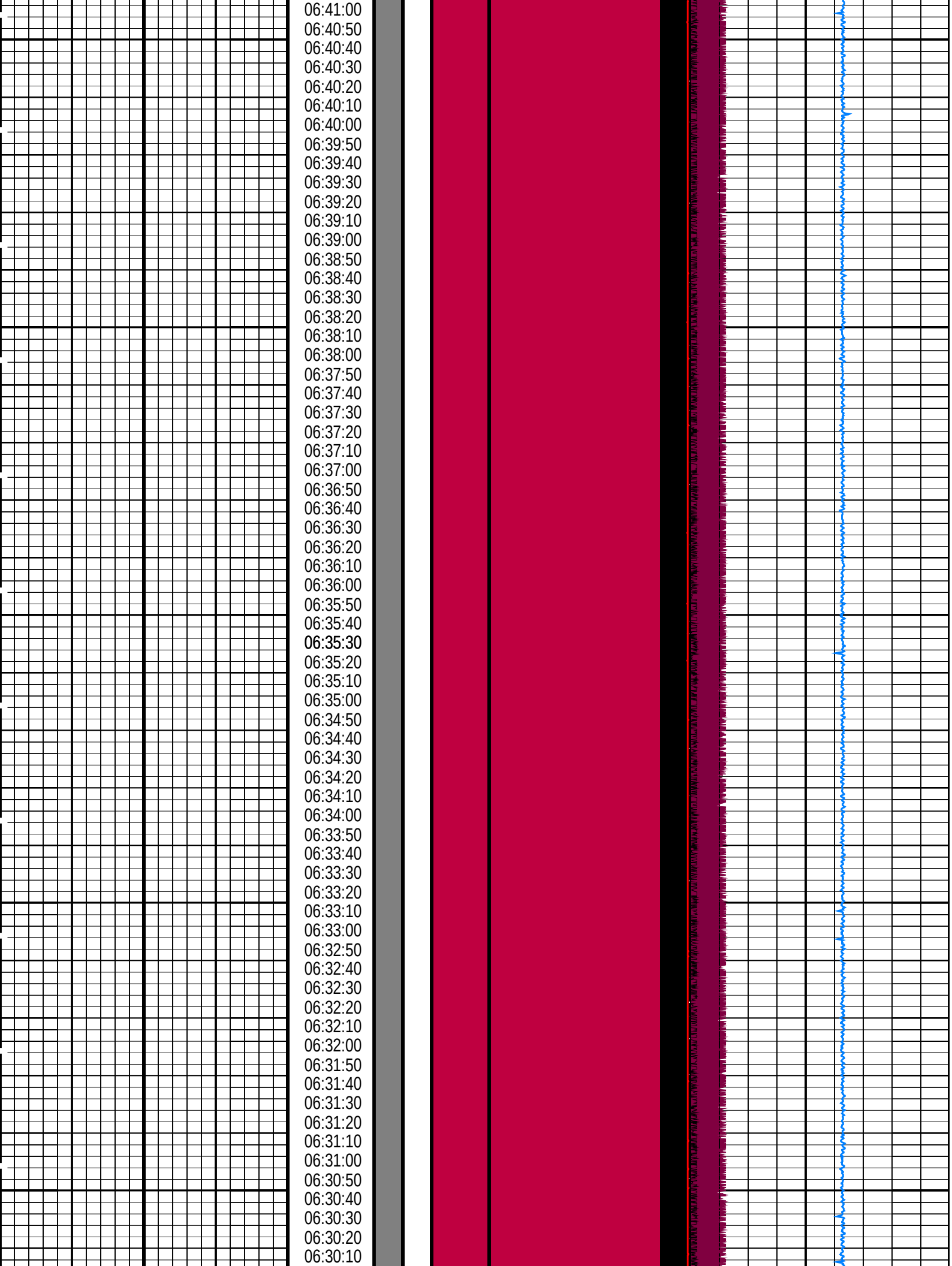

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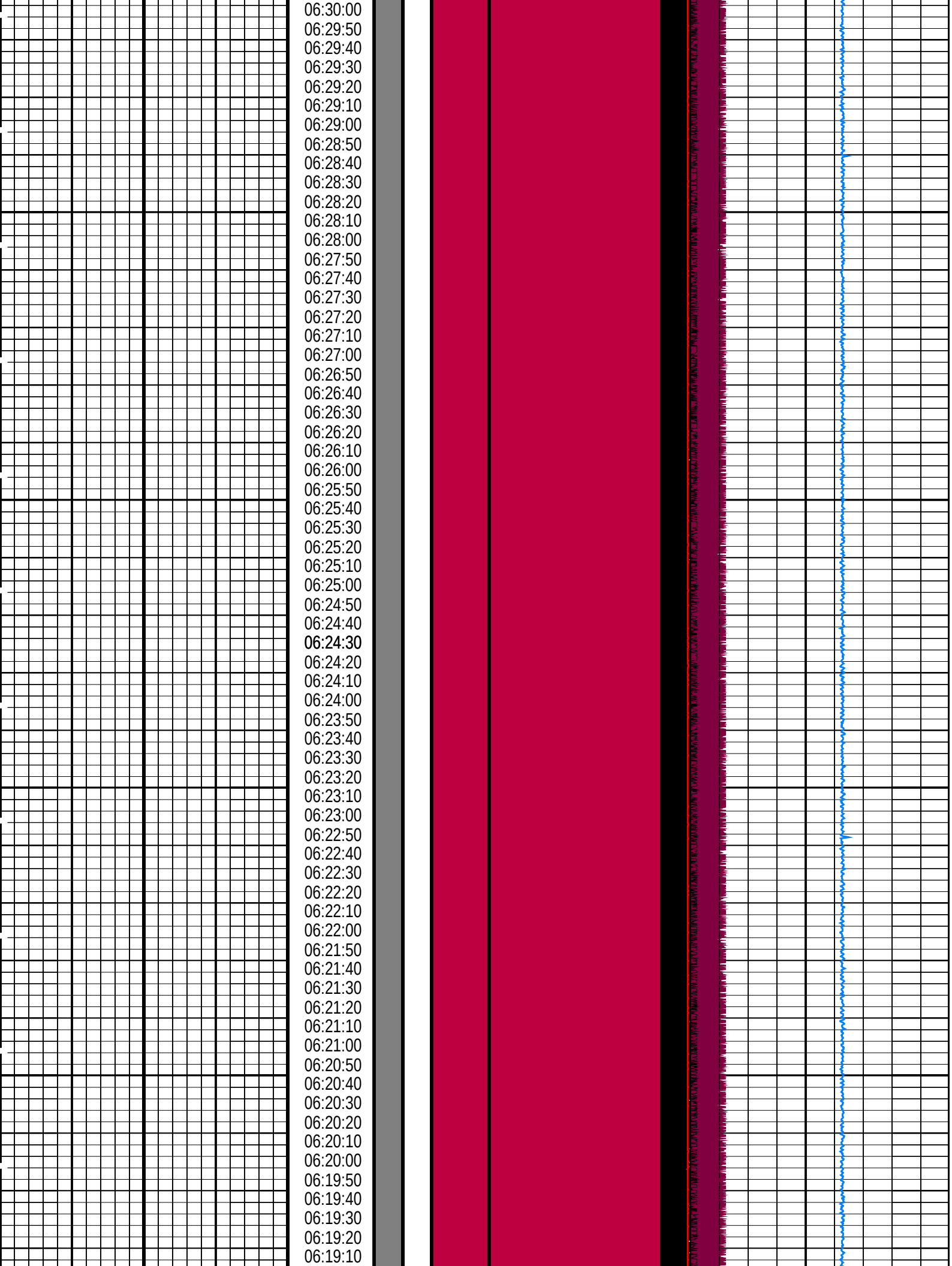

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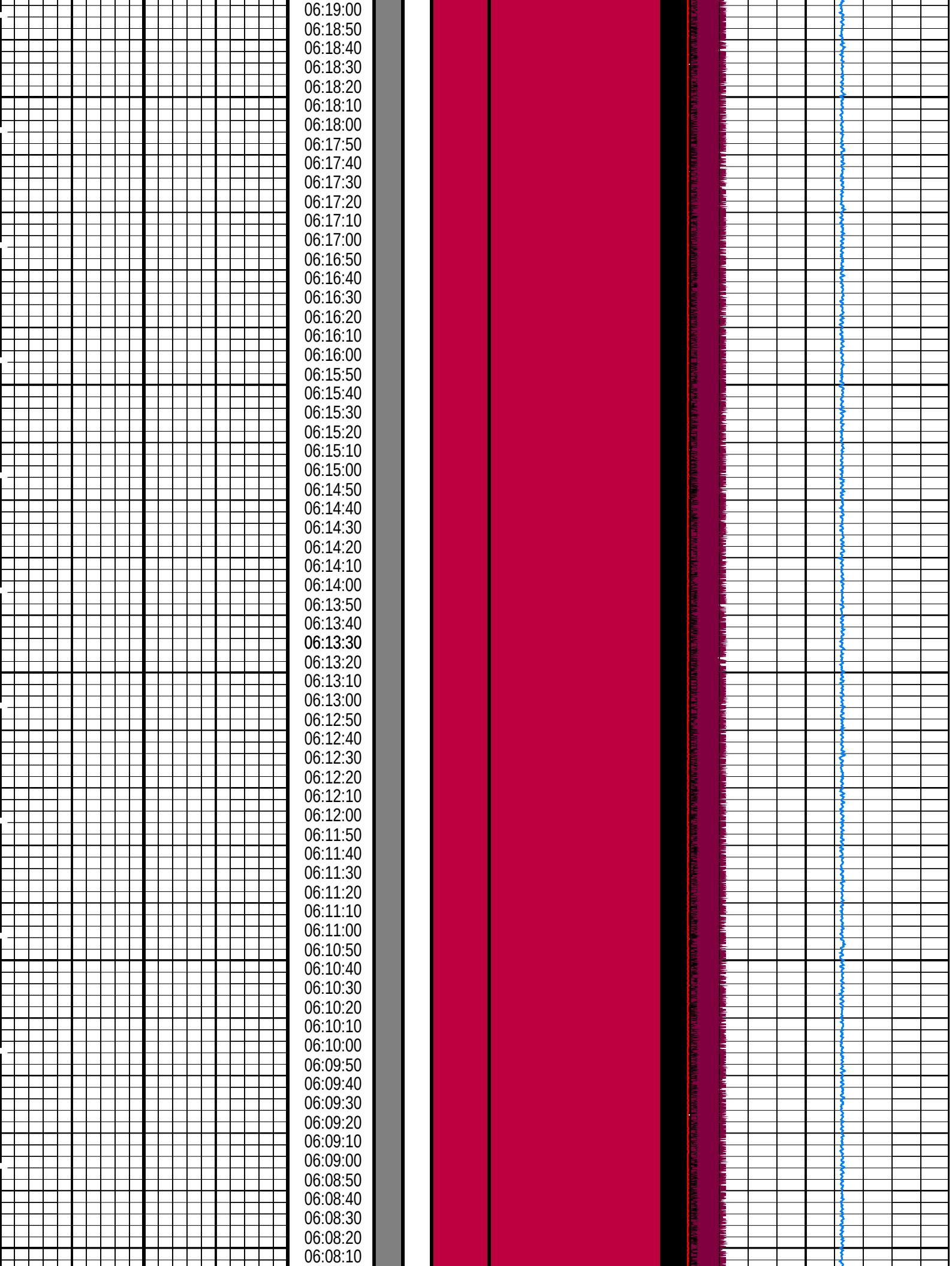

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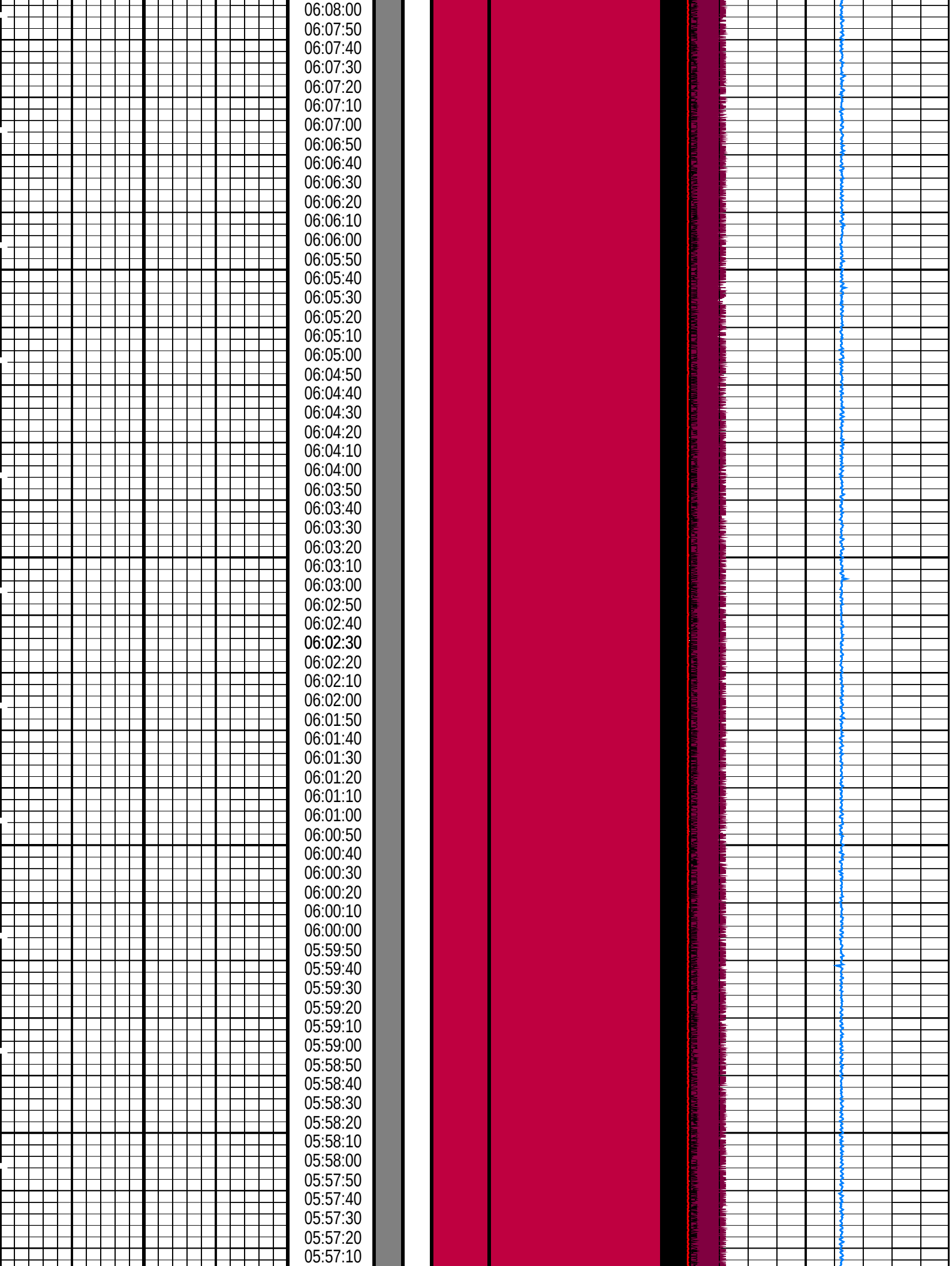

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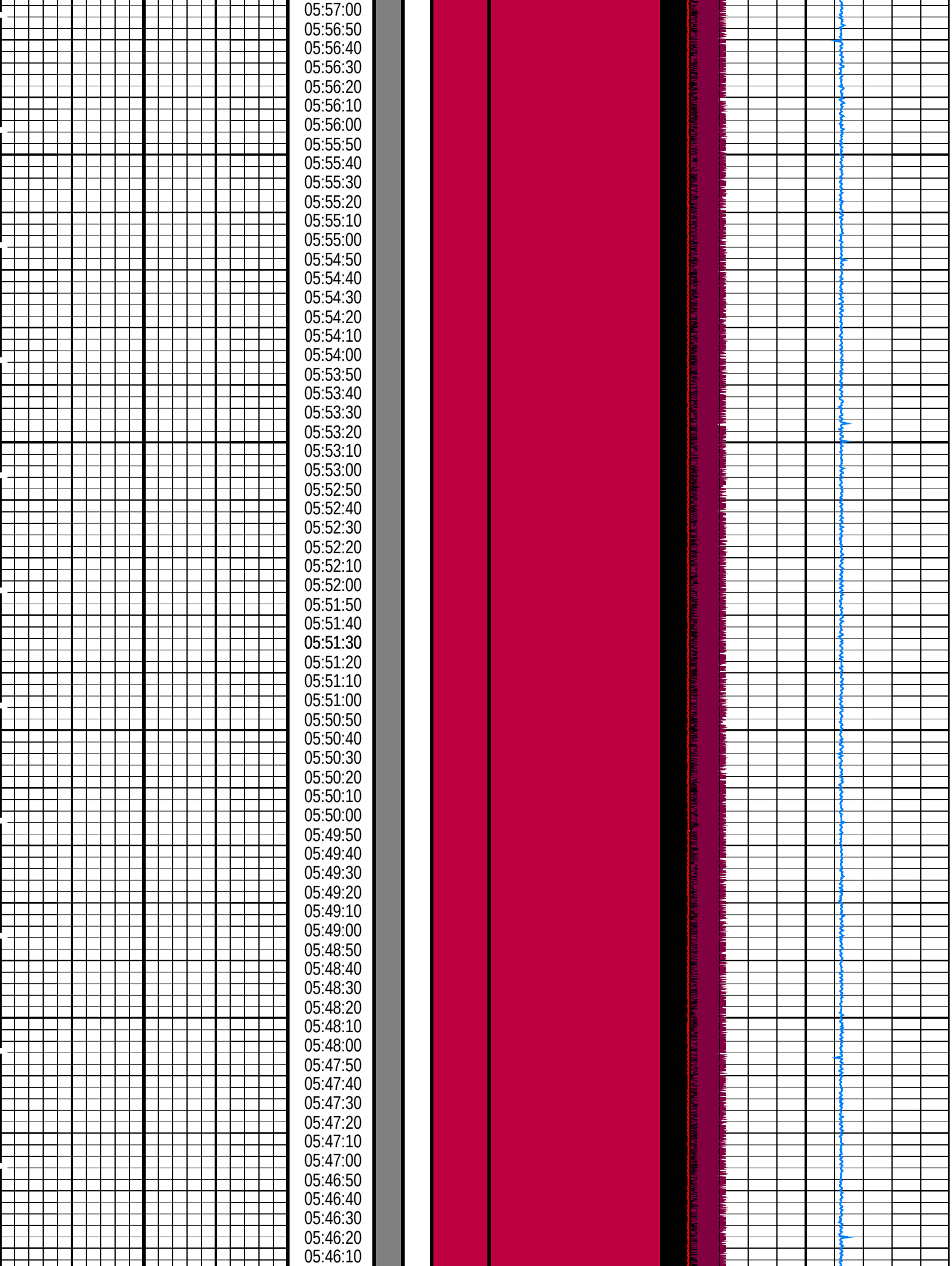

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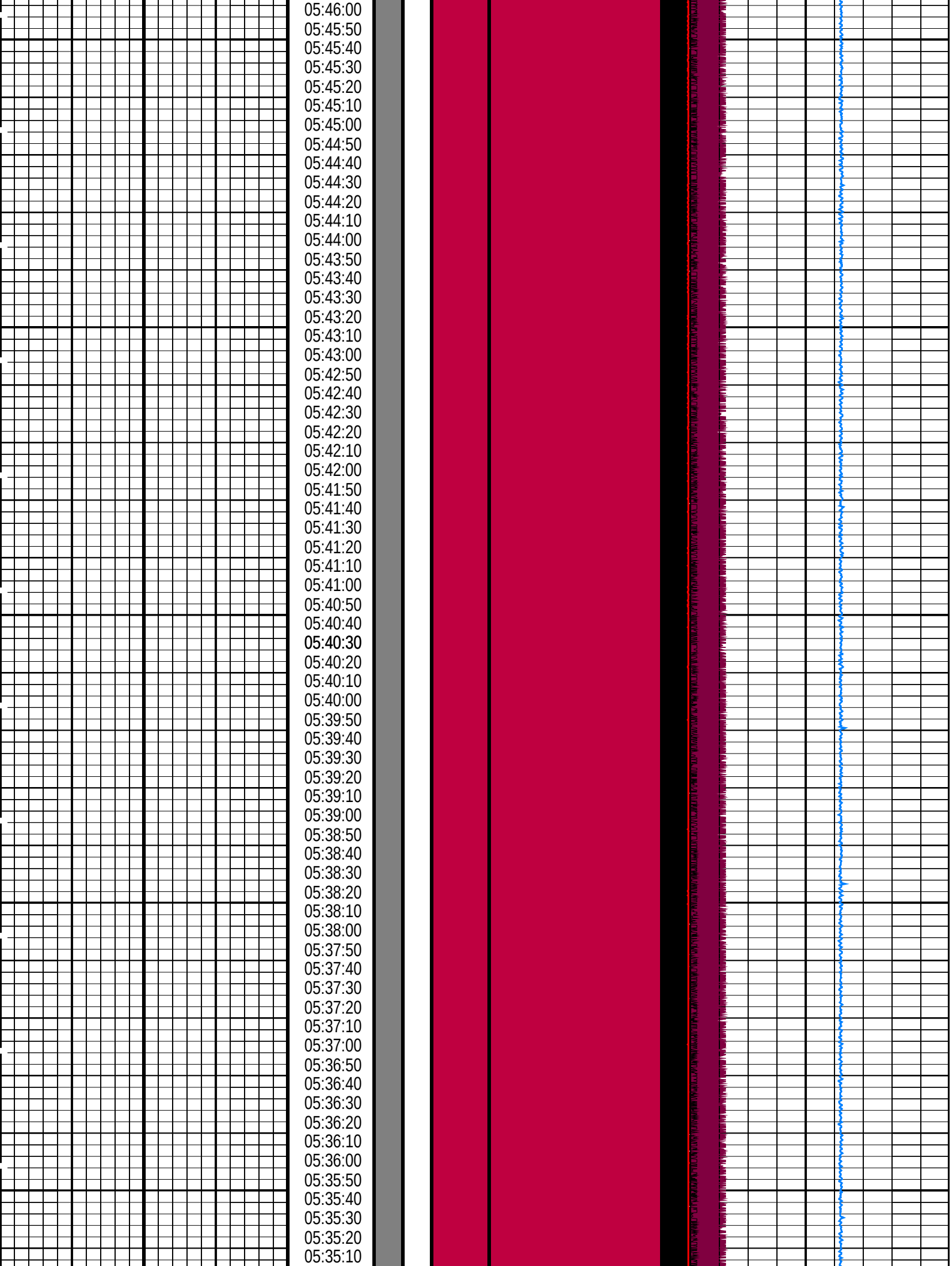

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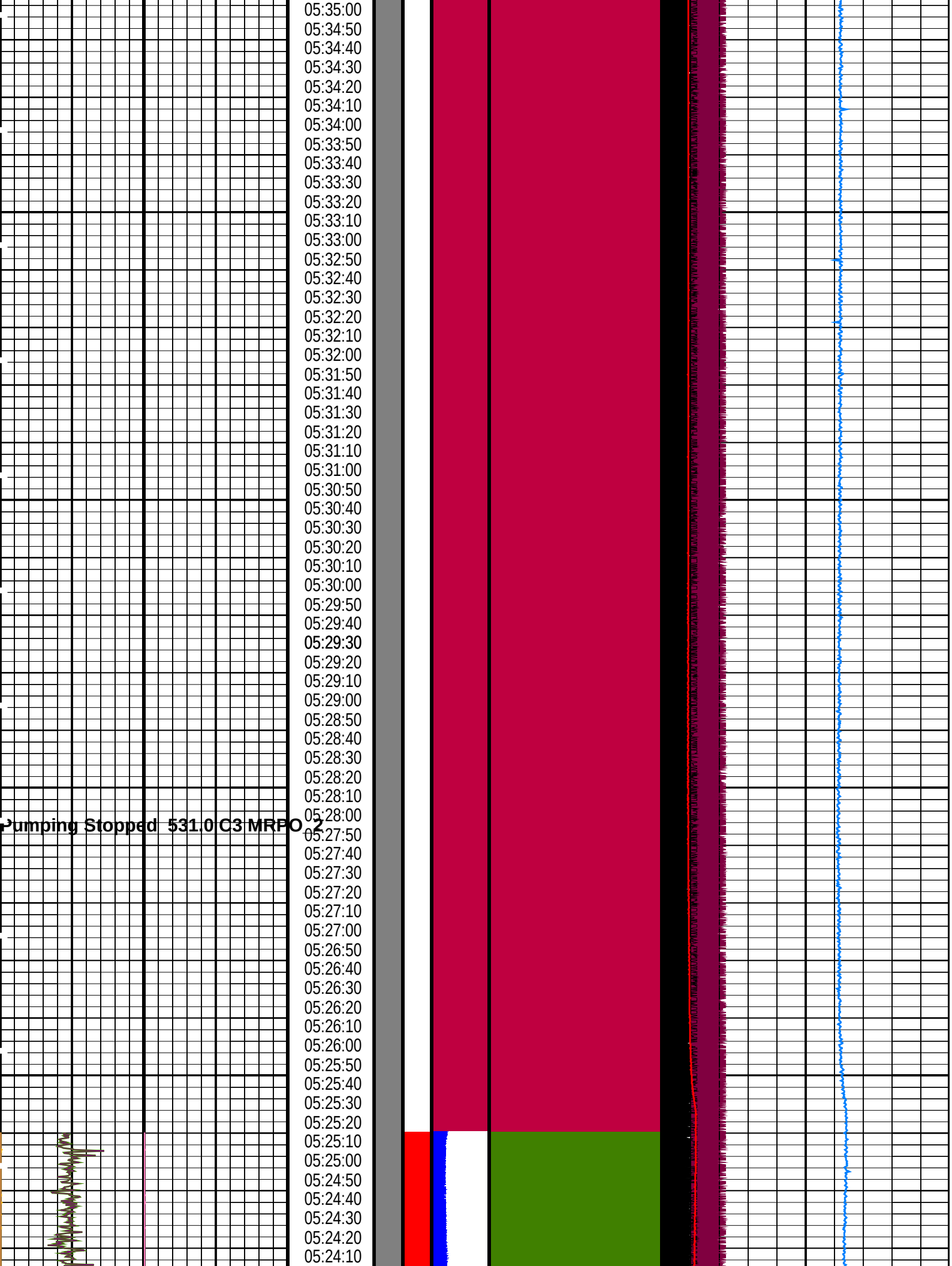

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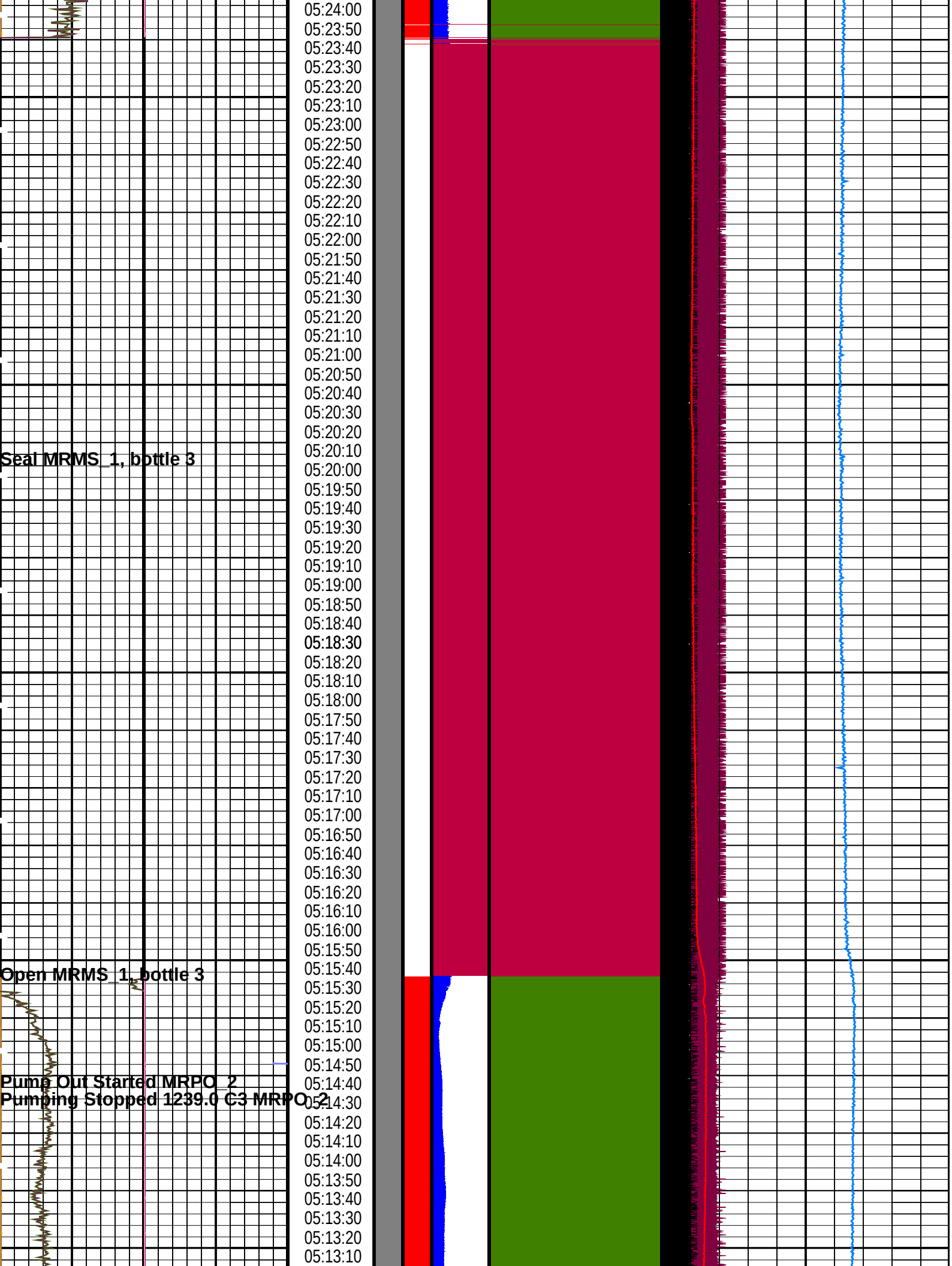

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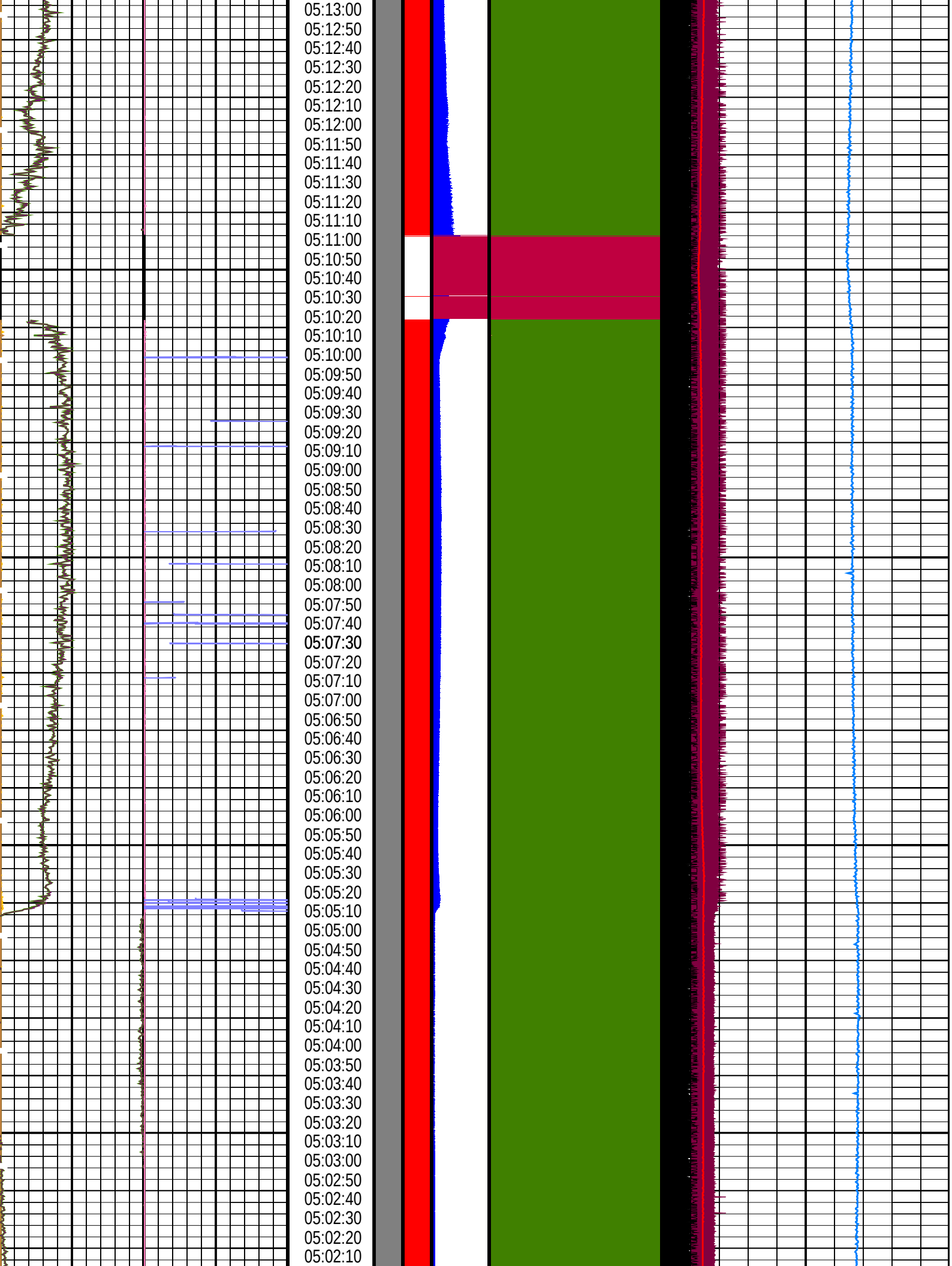

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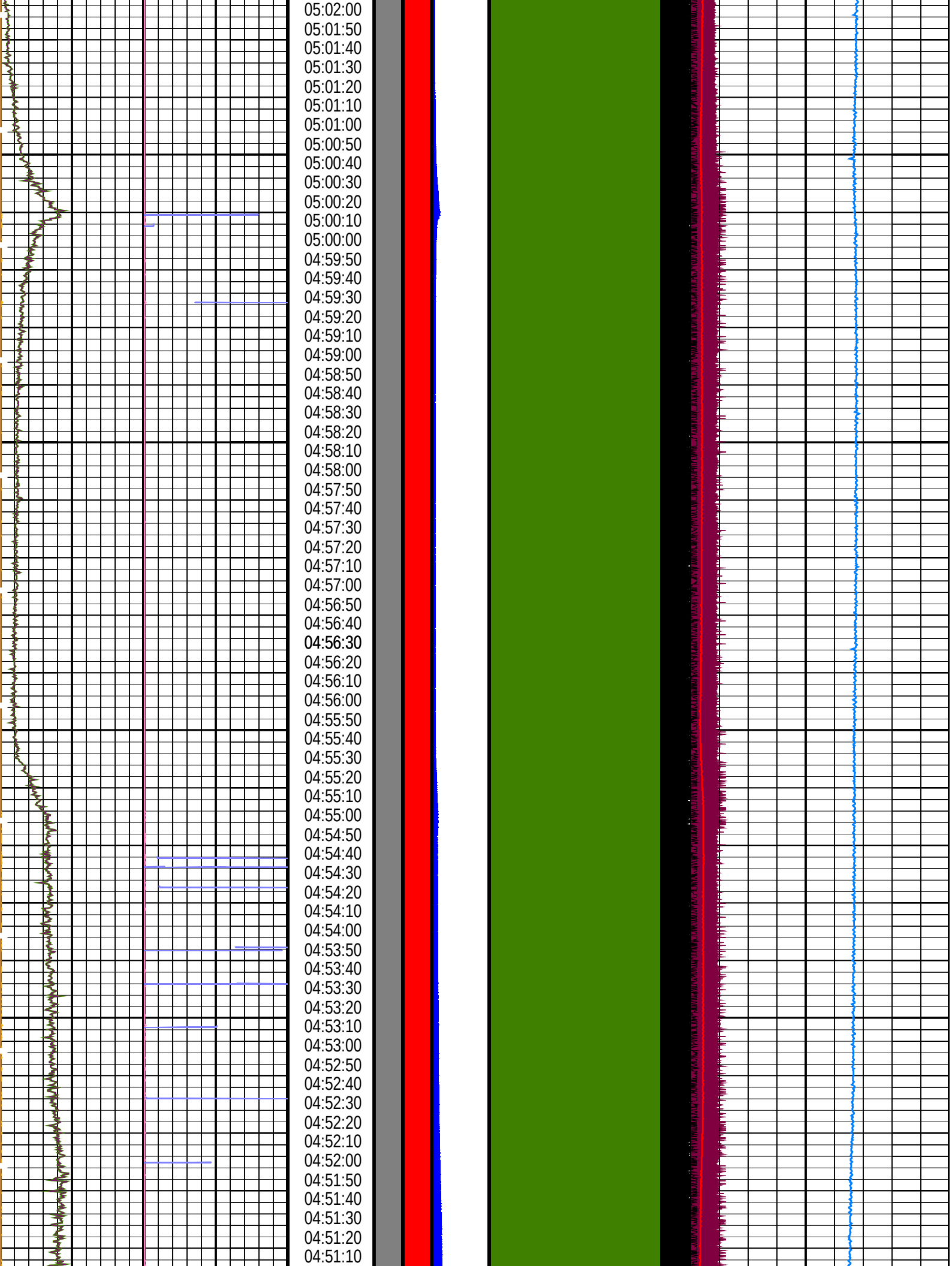

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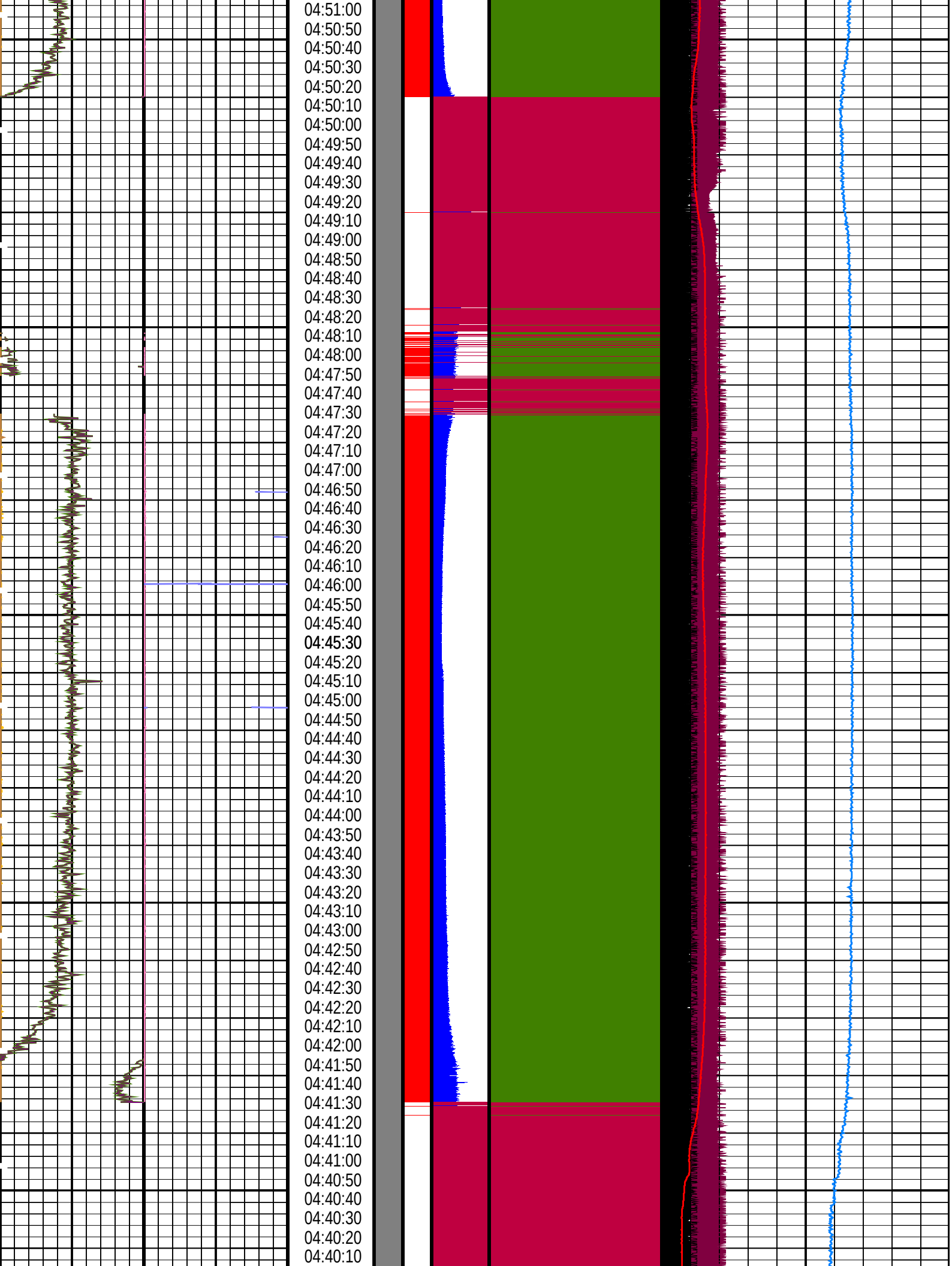

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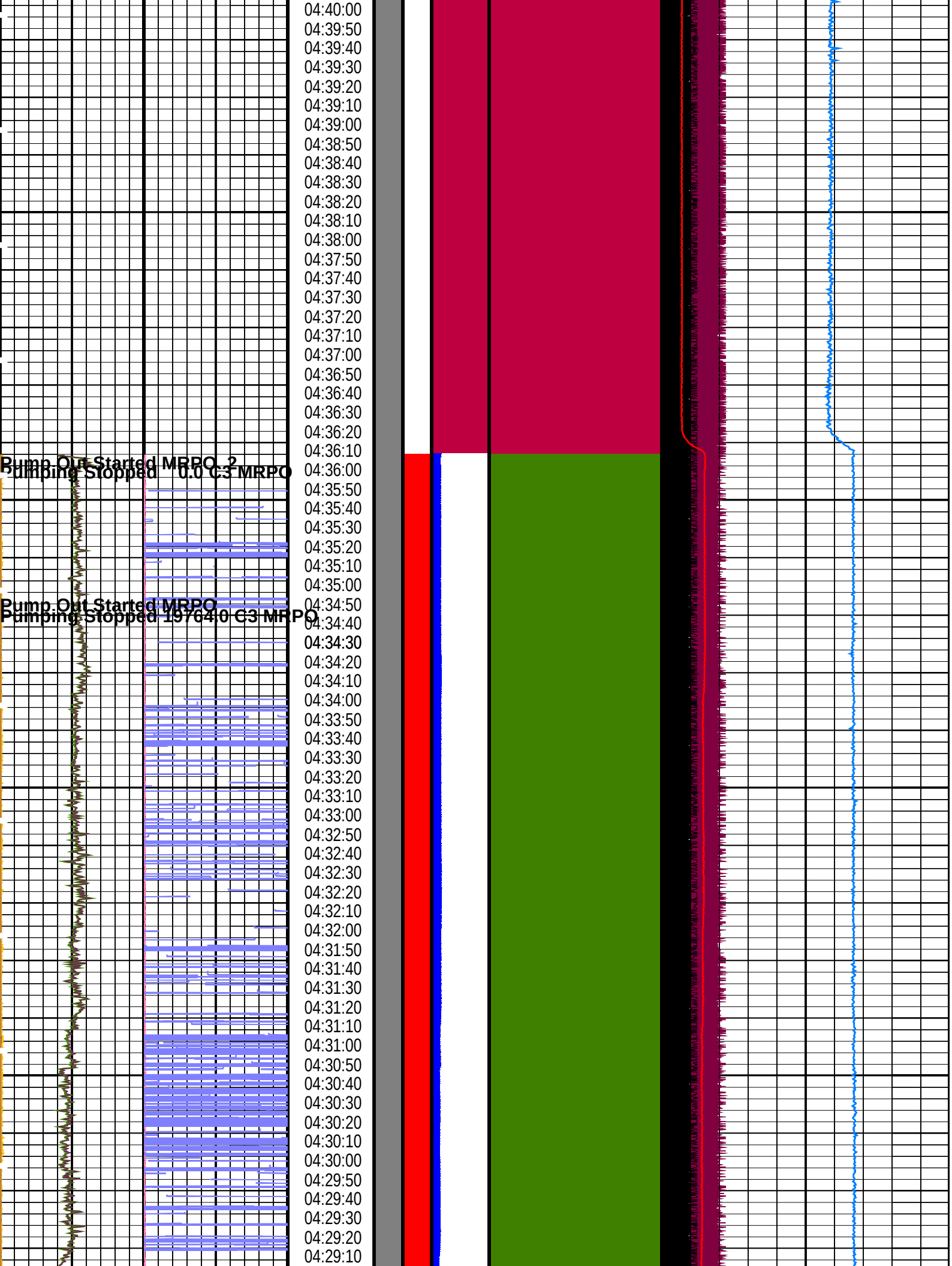

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Pumping Stopped 531.0 C3 MRPO 2
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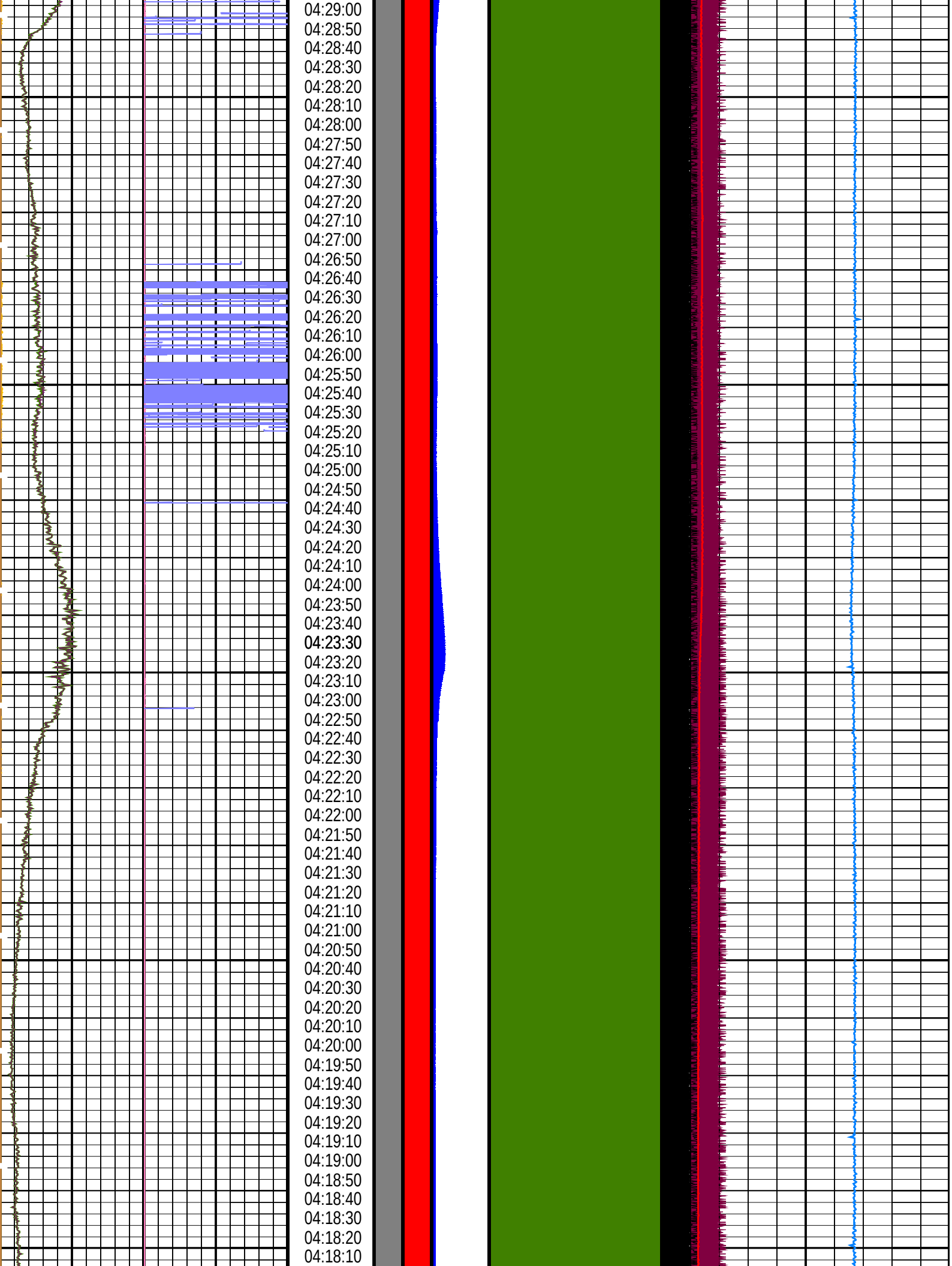

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Seal MRMS_1, bottle 3
Open MRMS_1, bottle 3
Pump Out Started MRPO_2
Pumping Stopped 1239.0 C3 MRPO_2

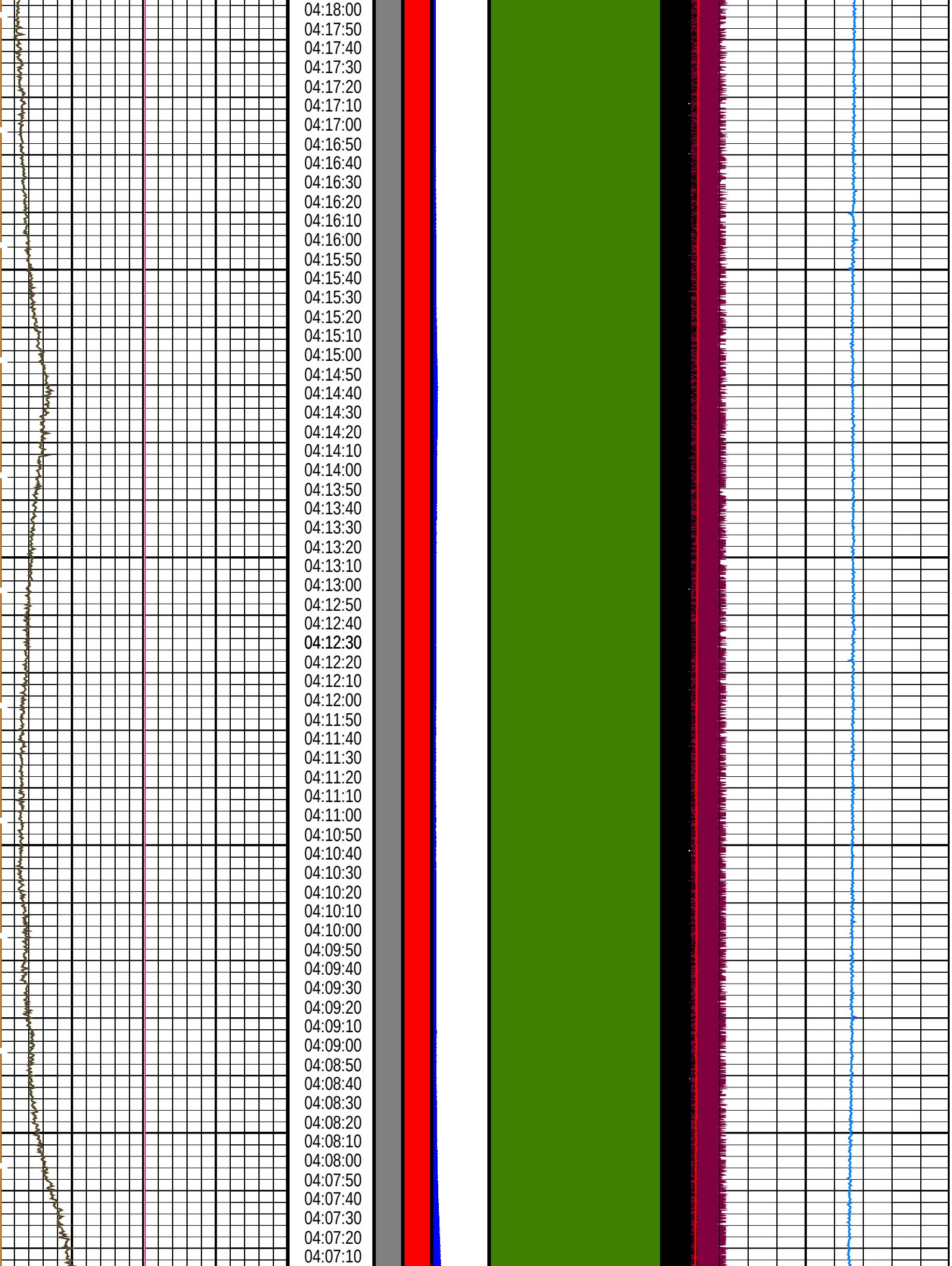

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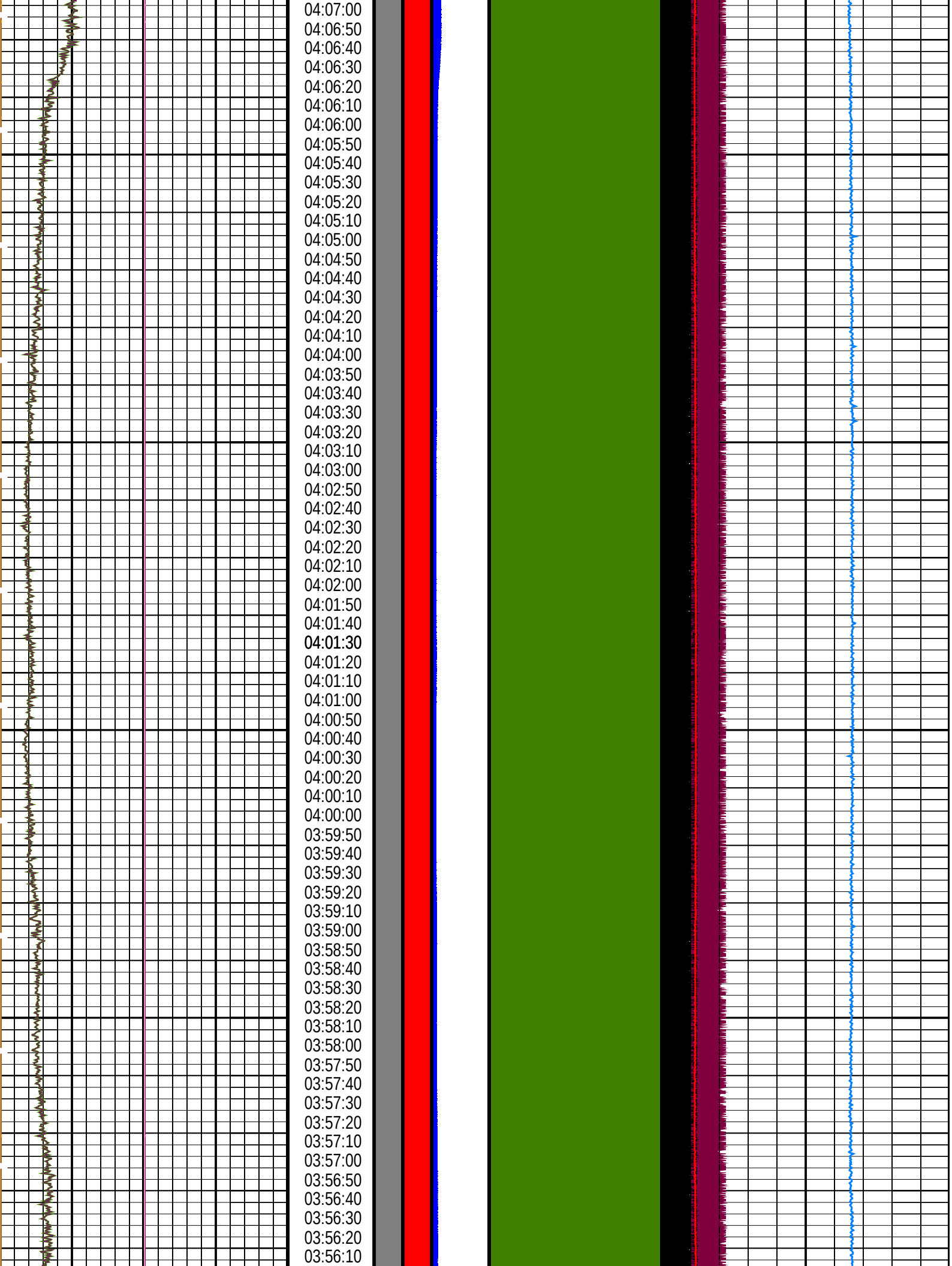

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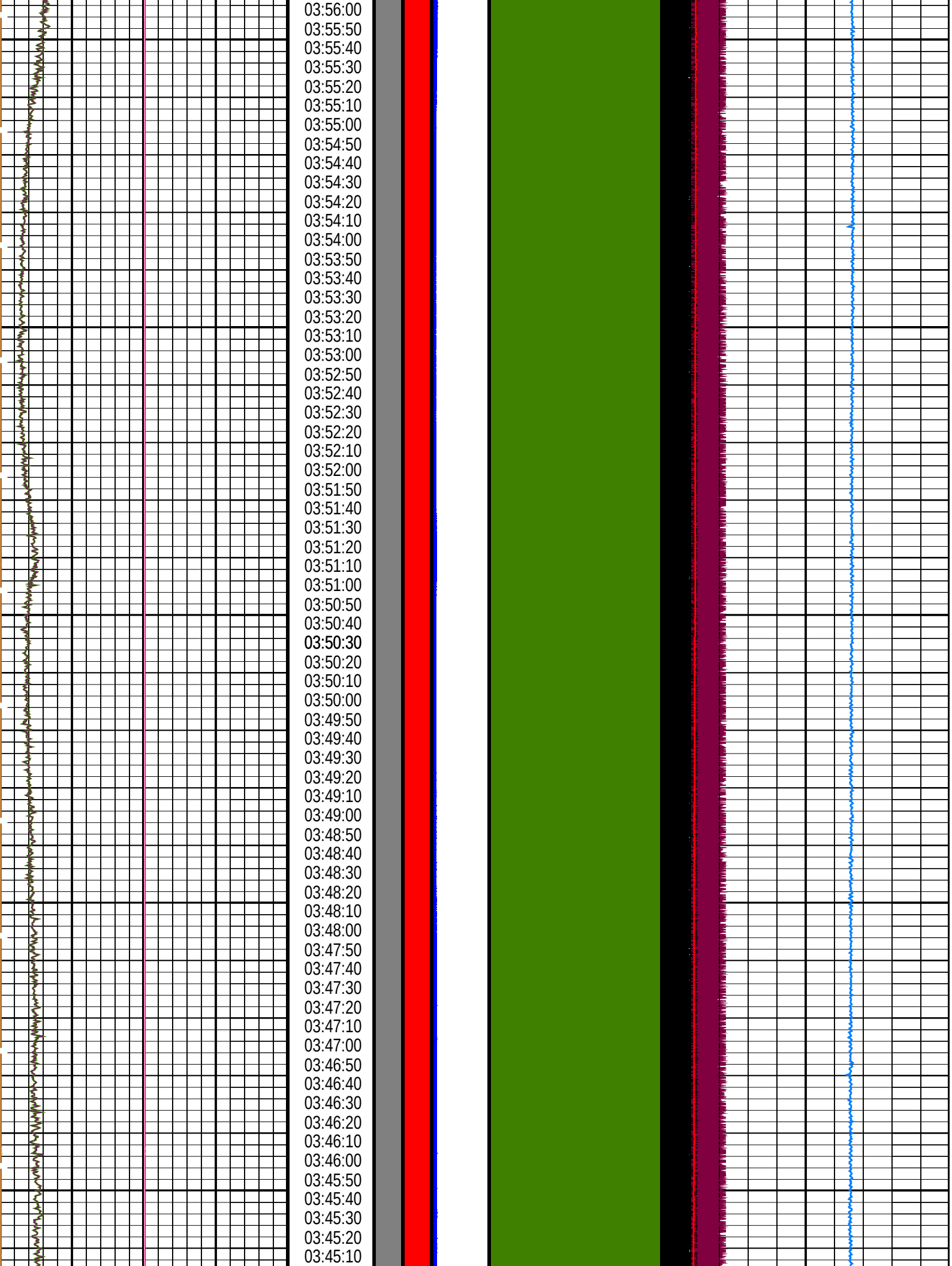

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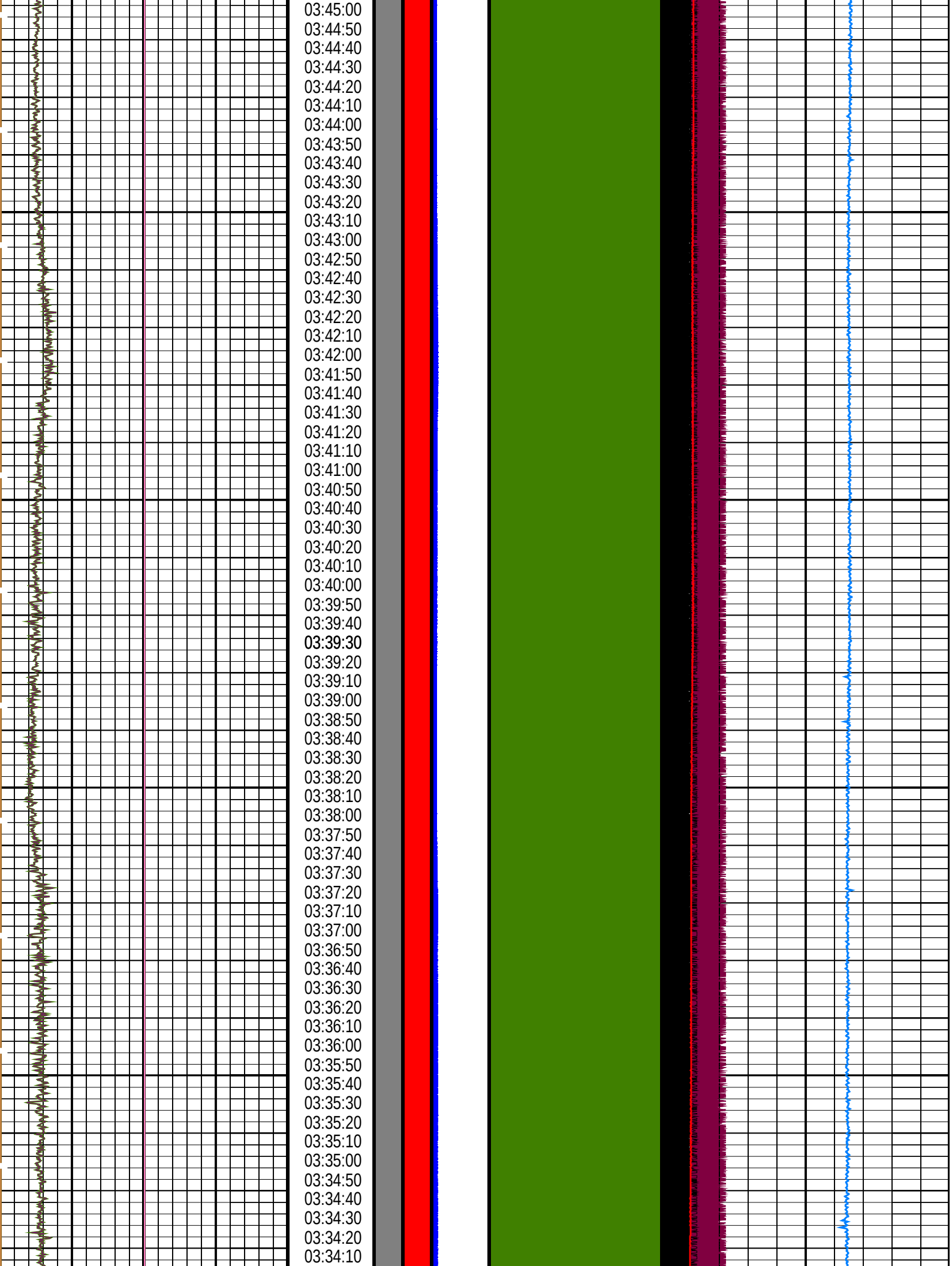

Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO
Pump Out Started MRPO
Pumping Stopped 19764.0 C3 MRPO
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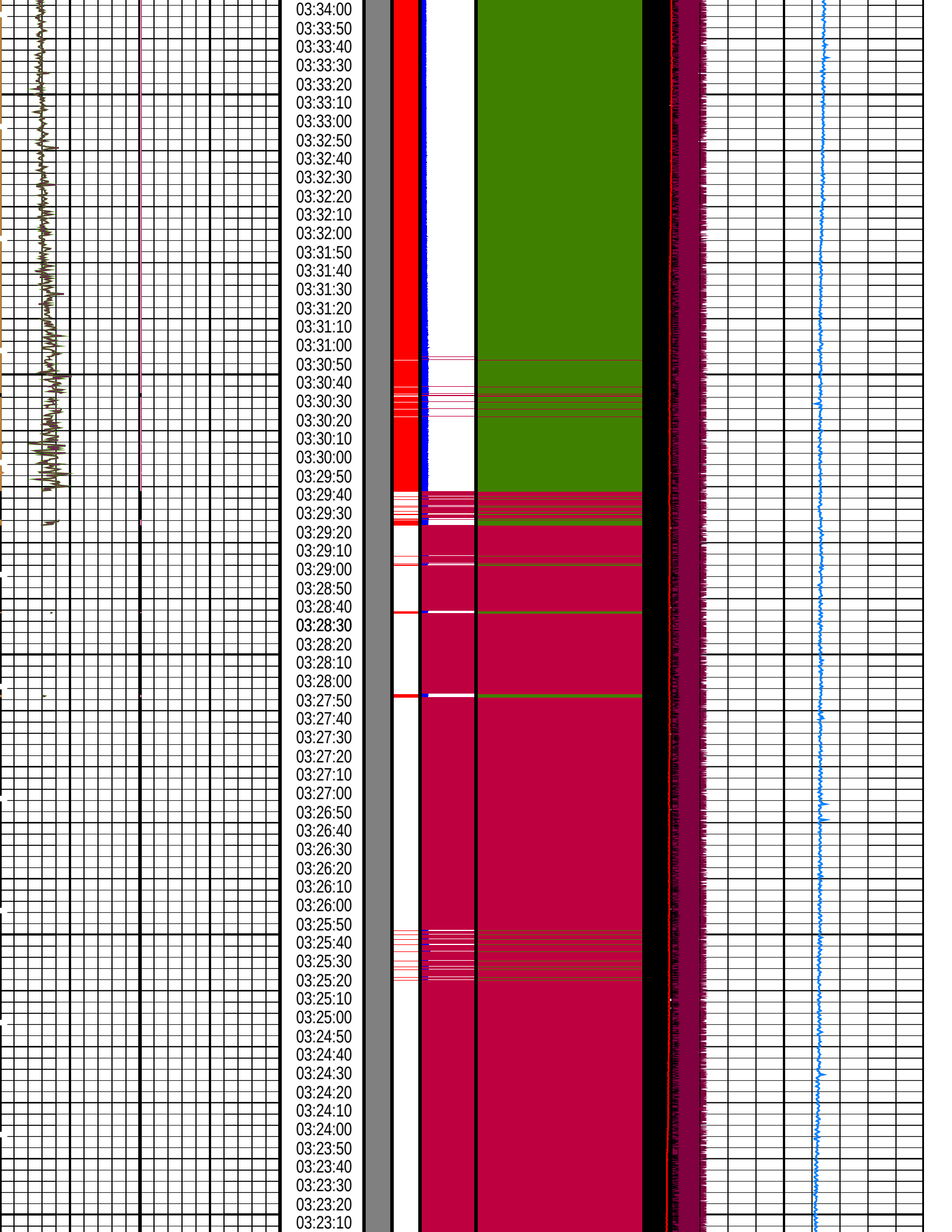

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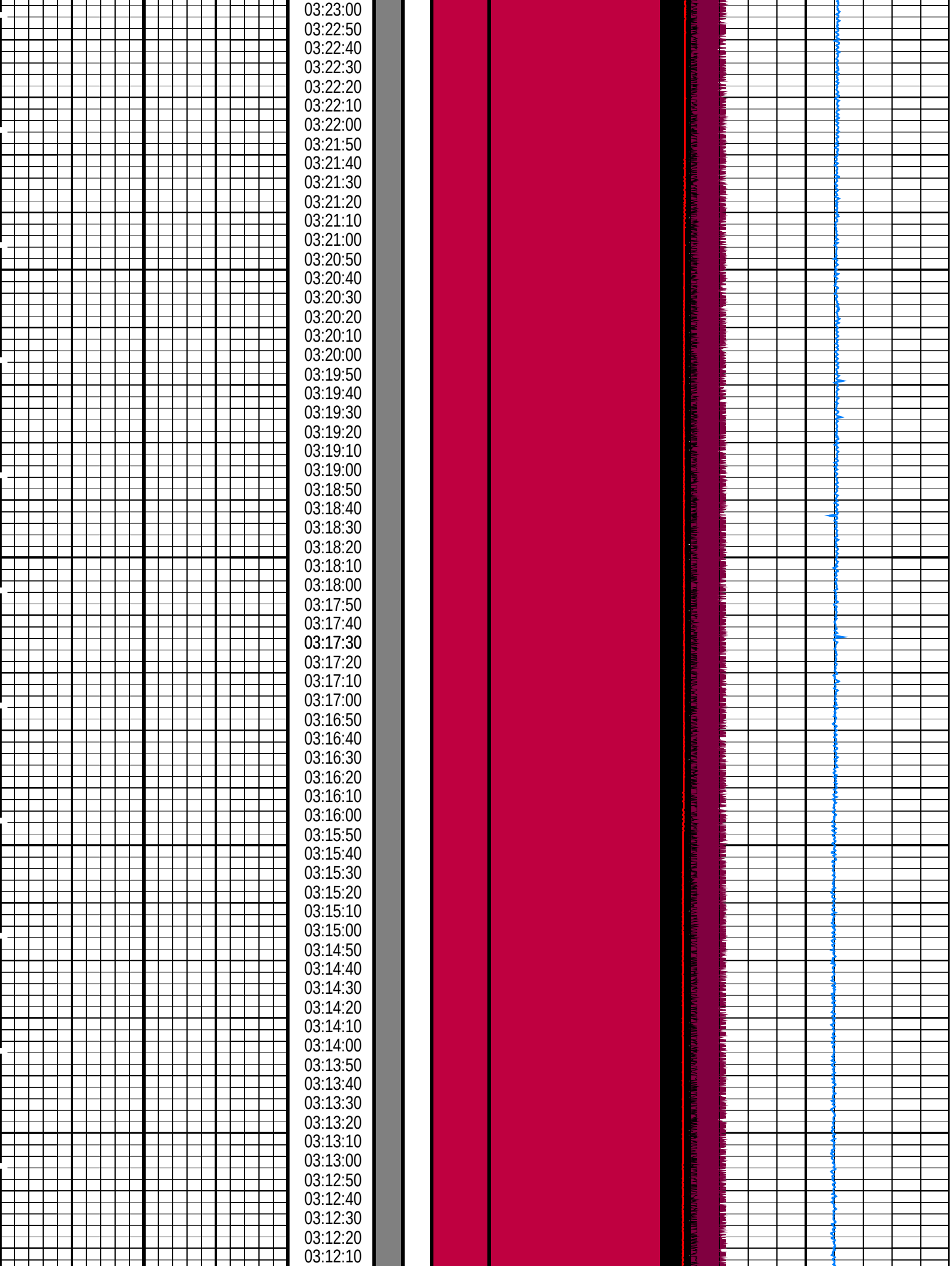

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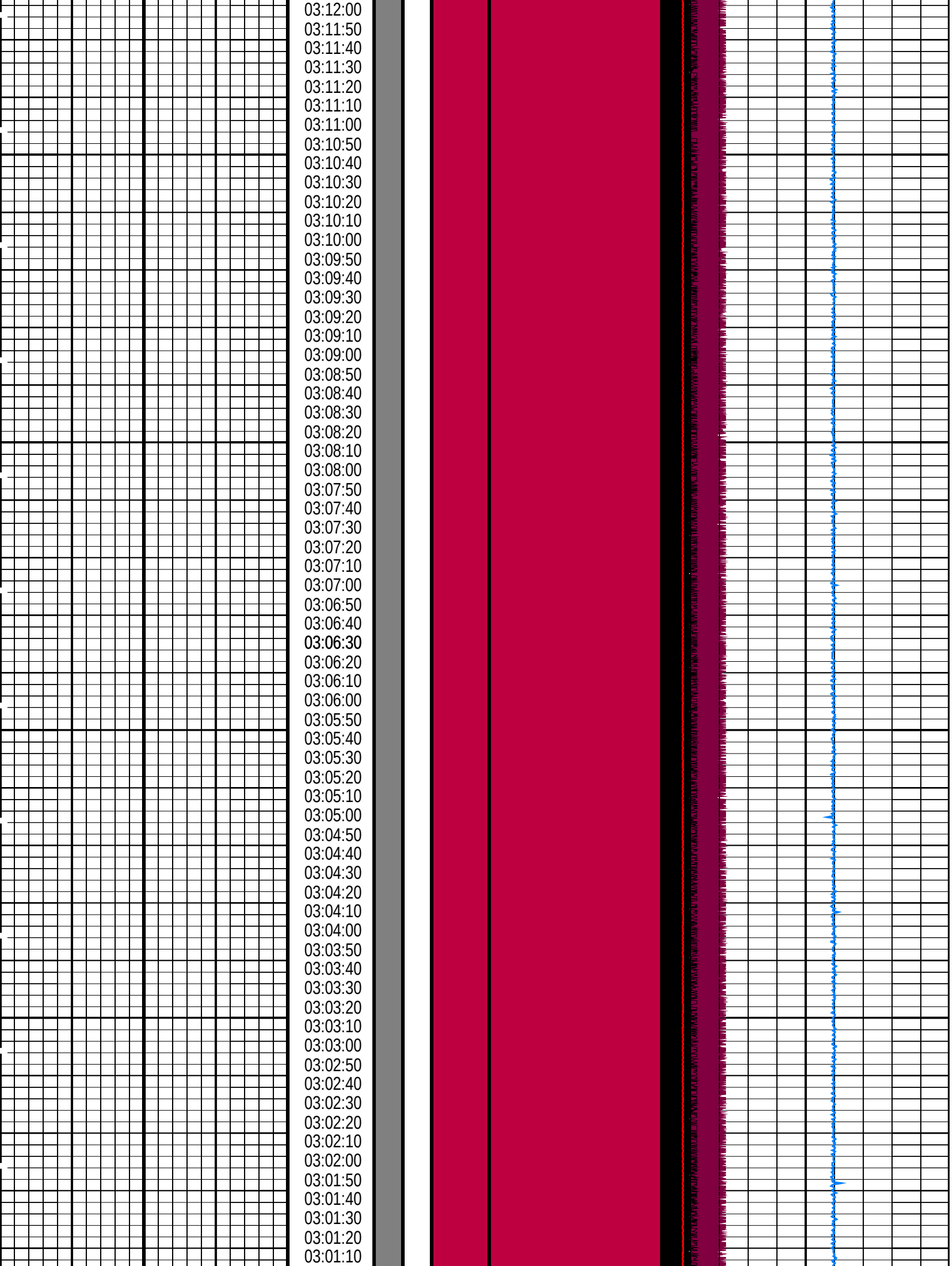

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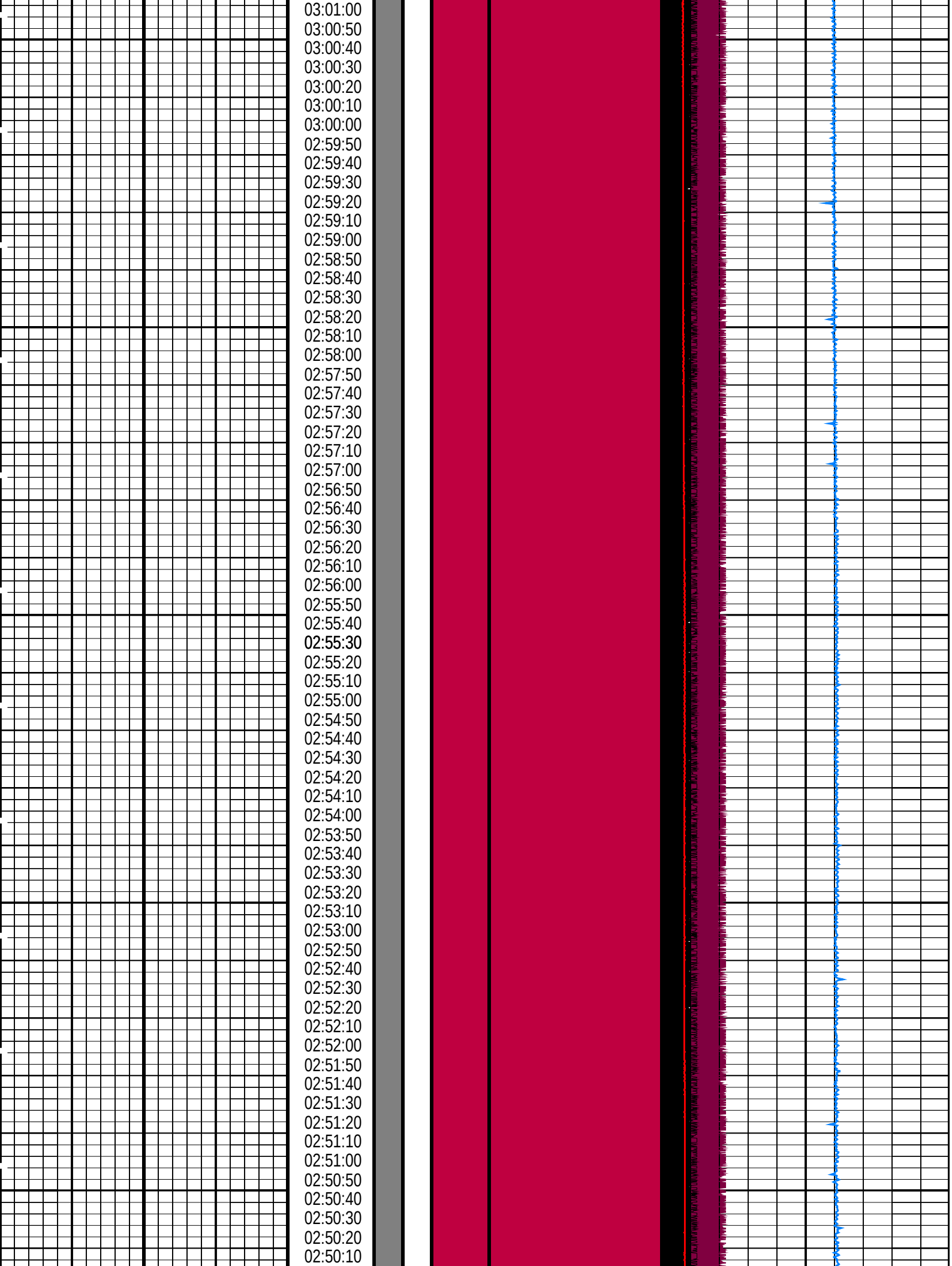

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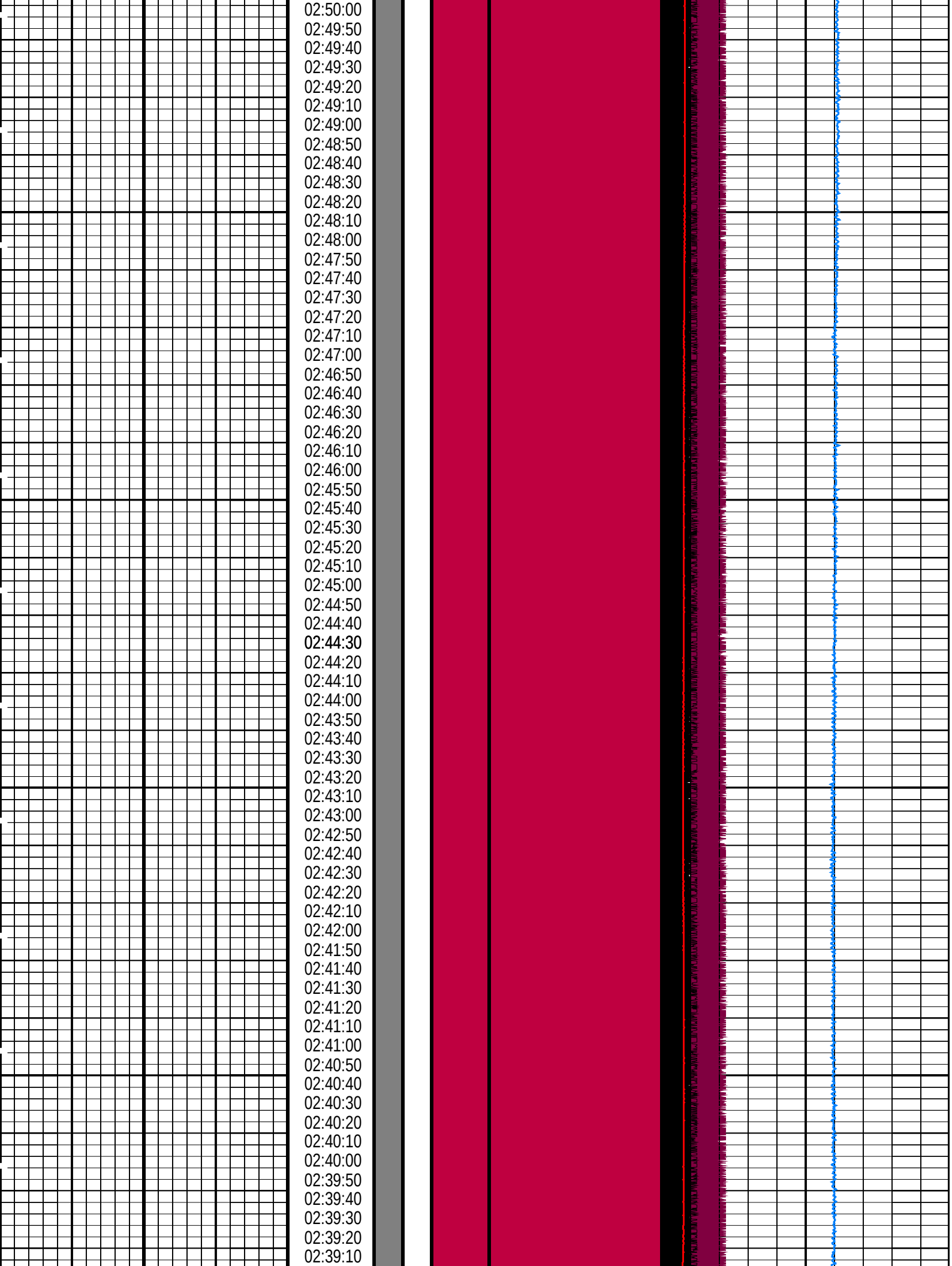

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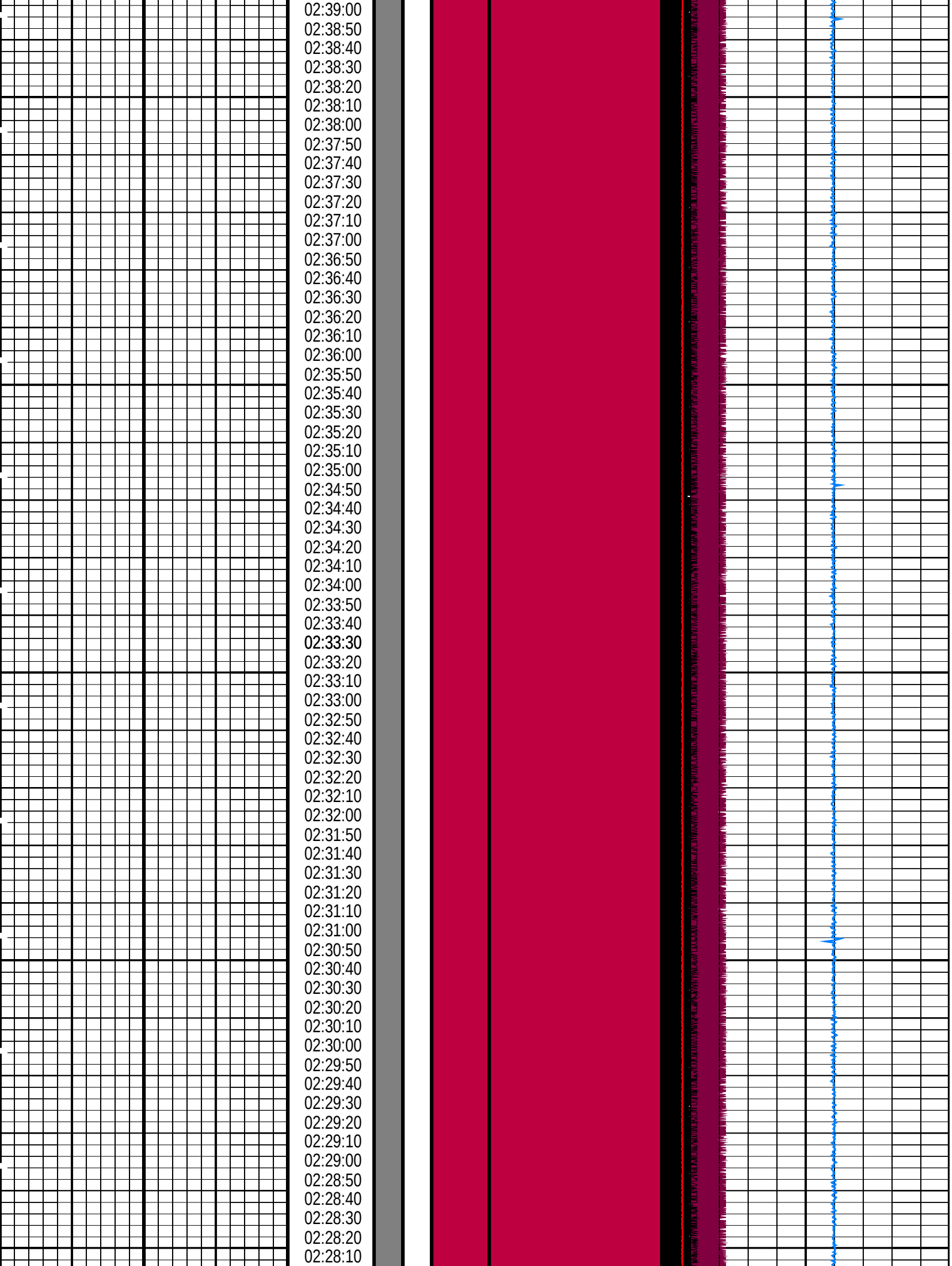

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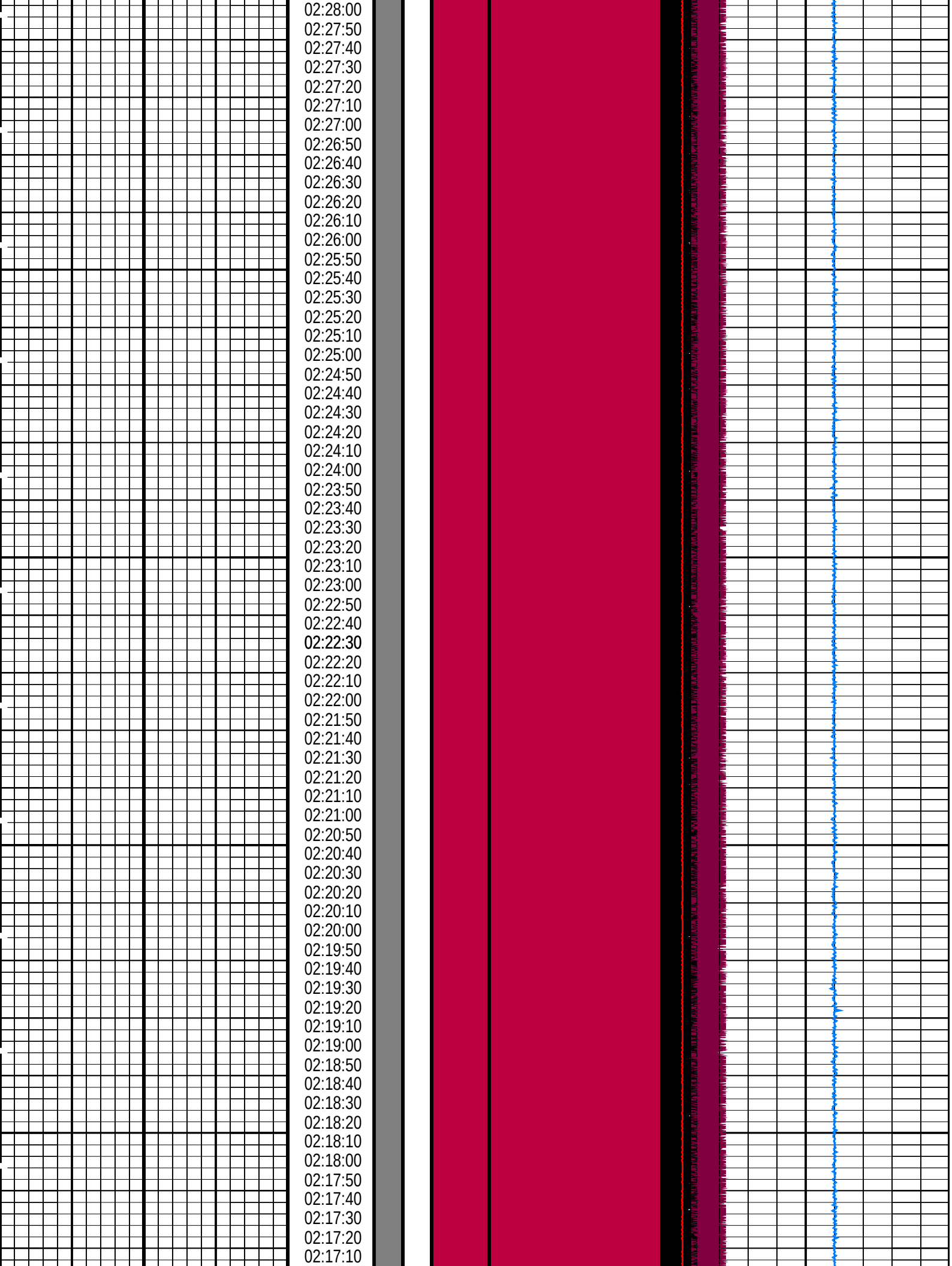

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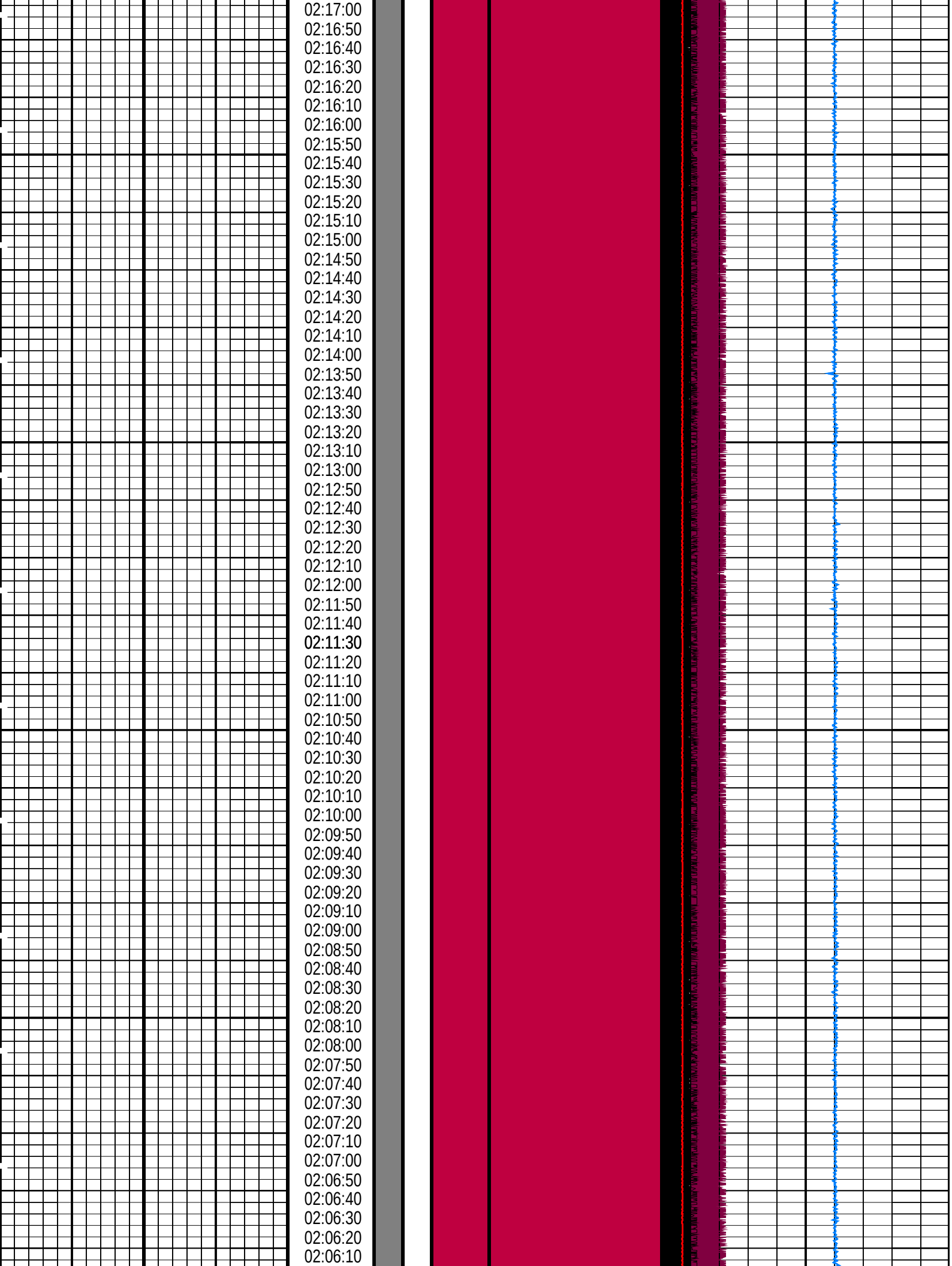

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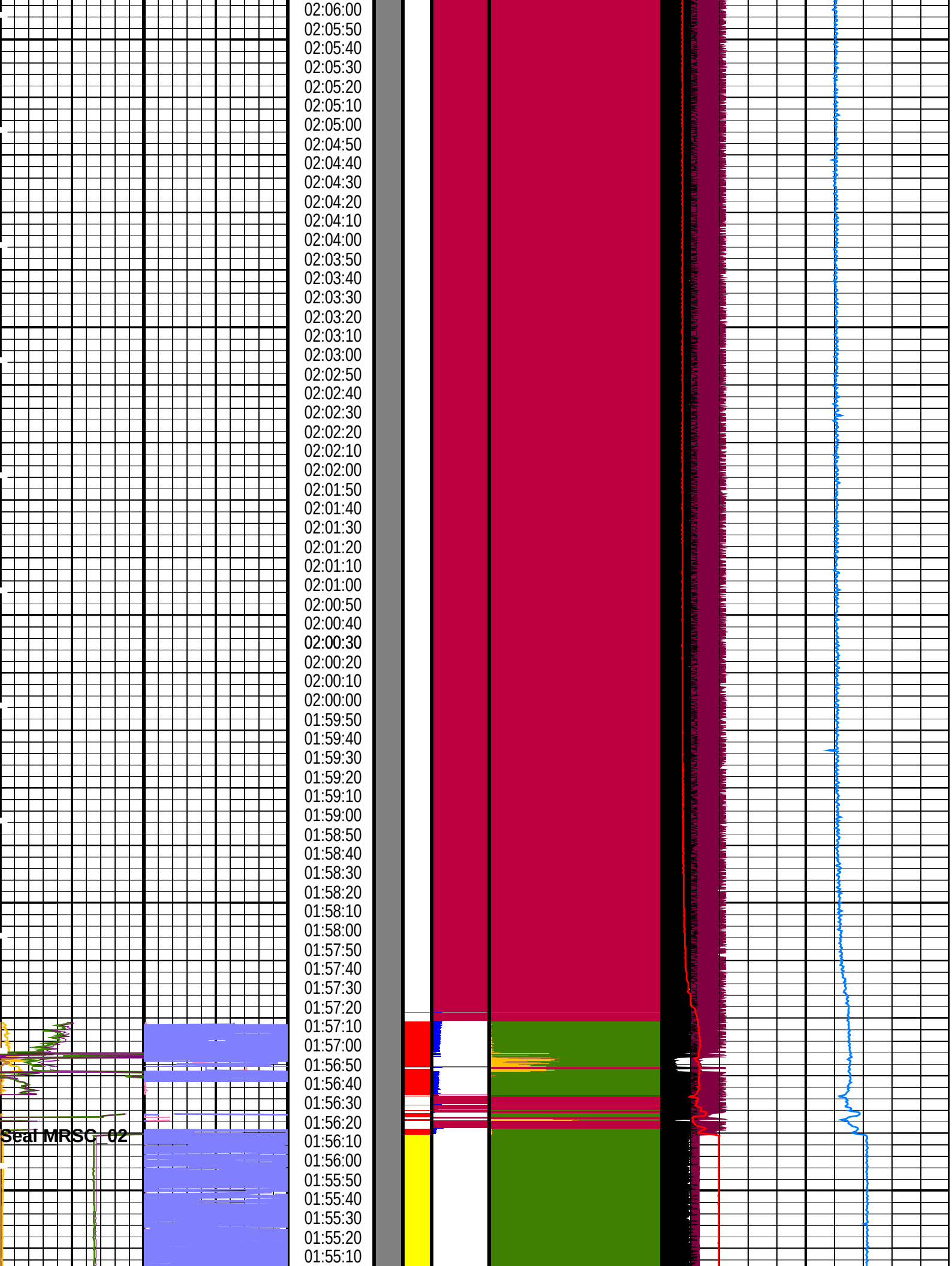

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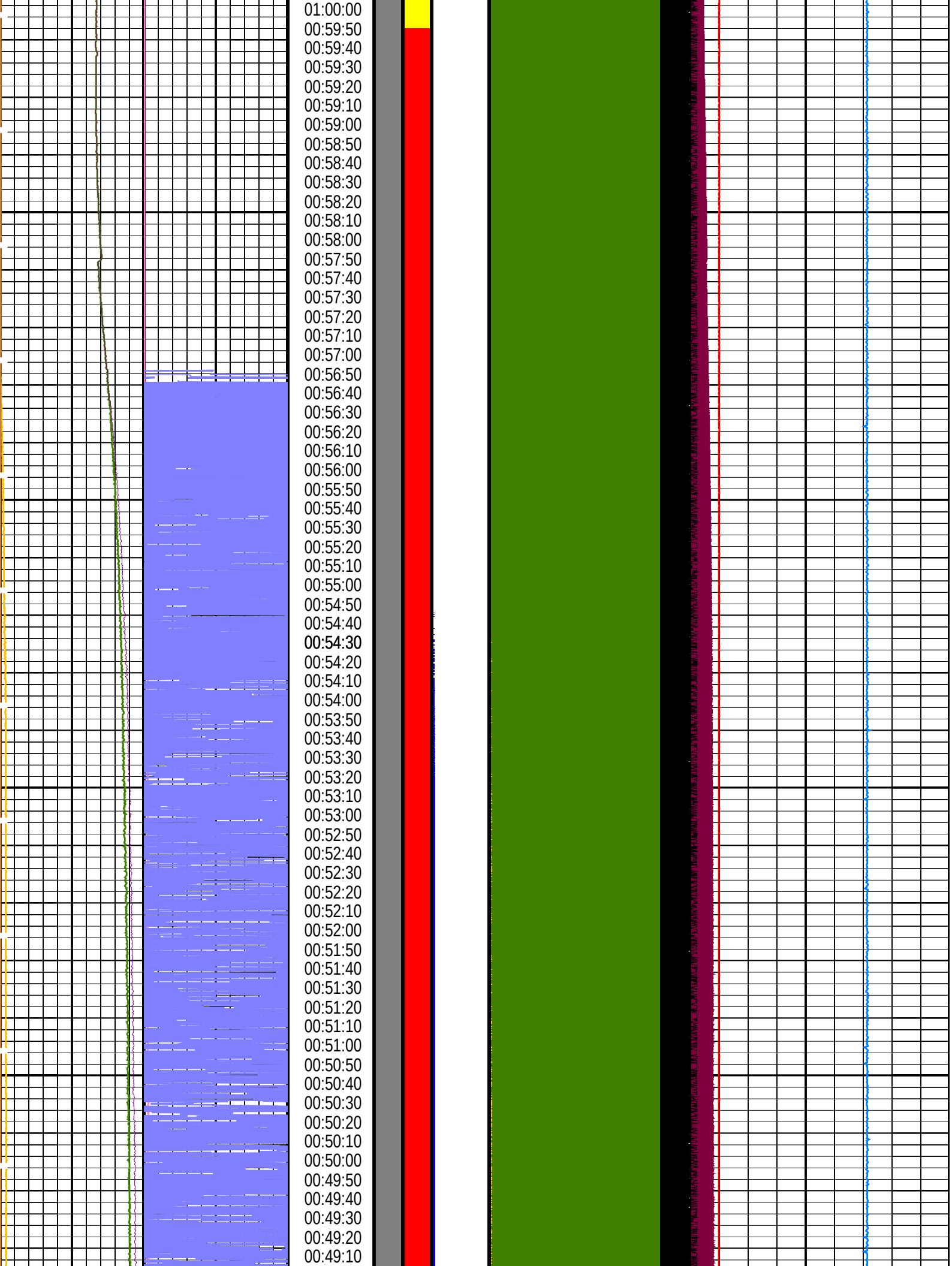

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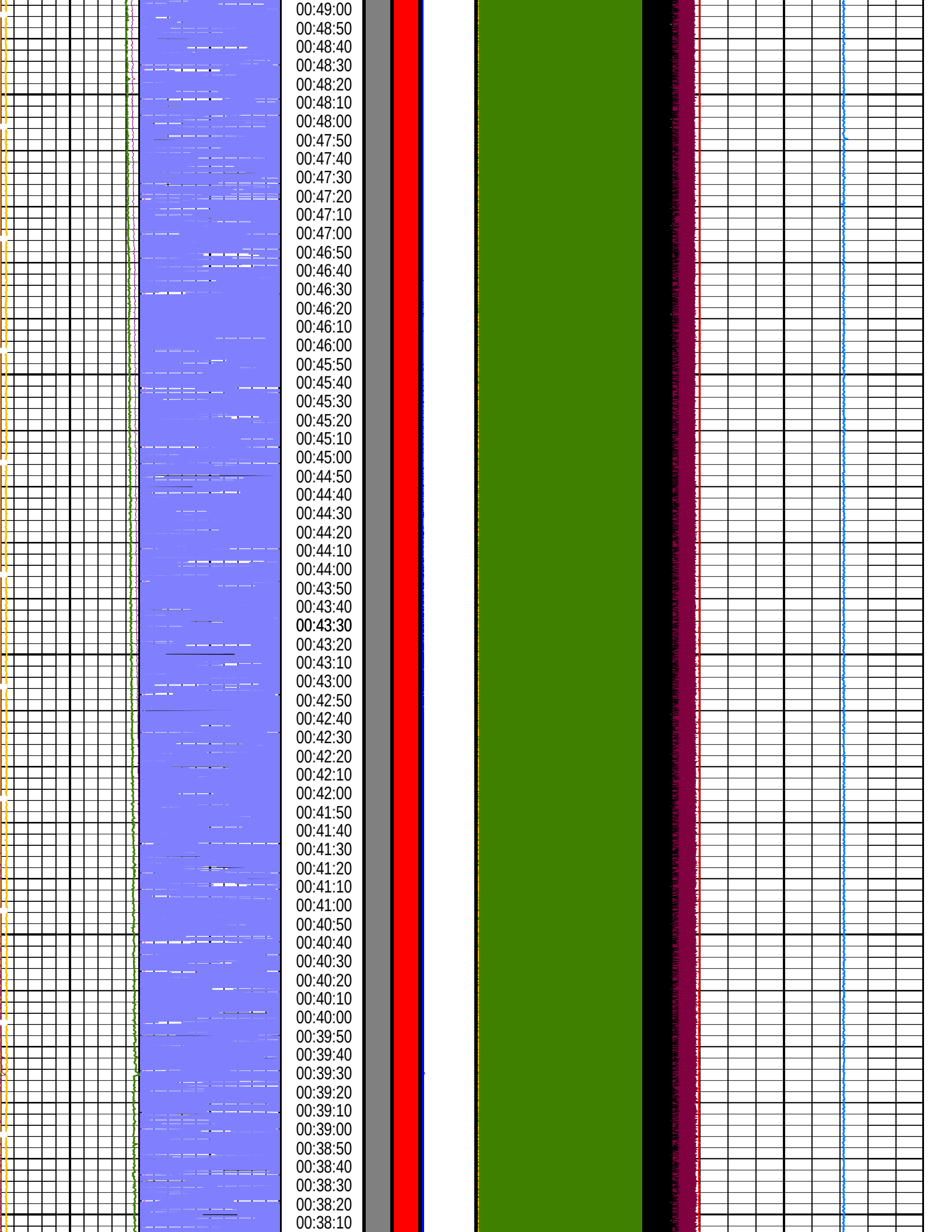

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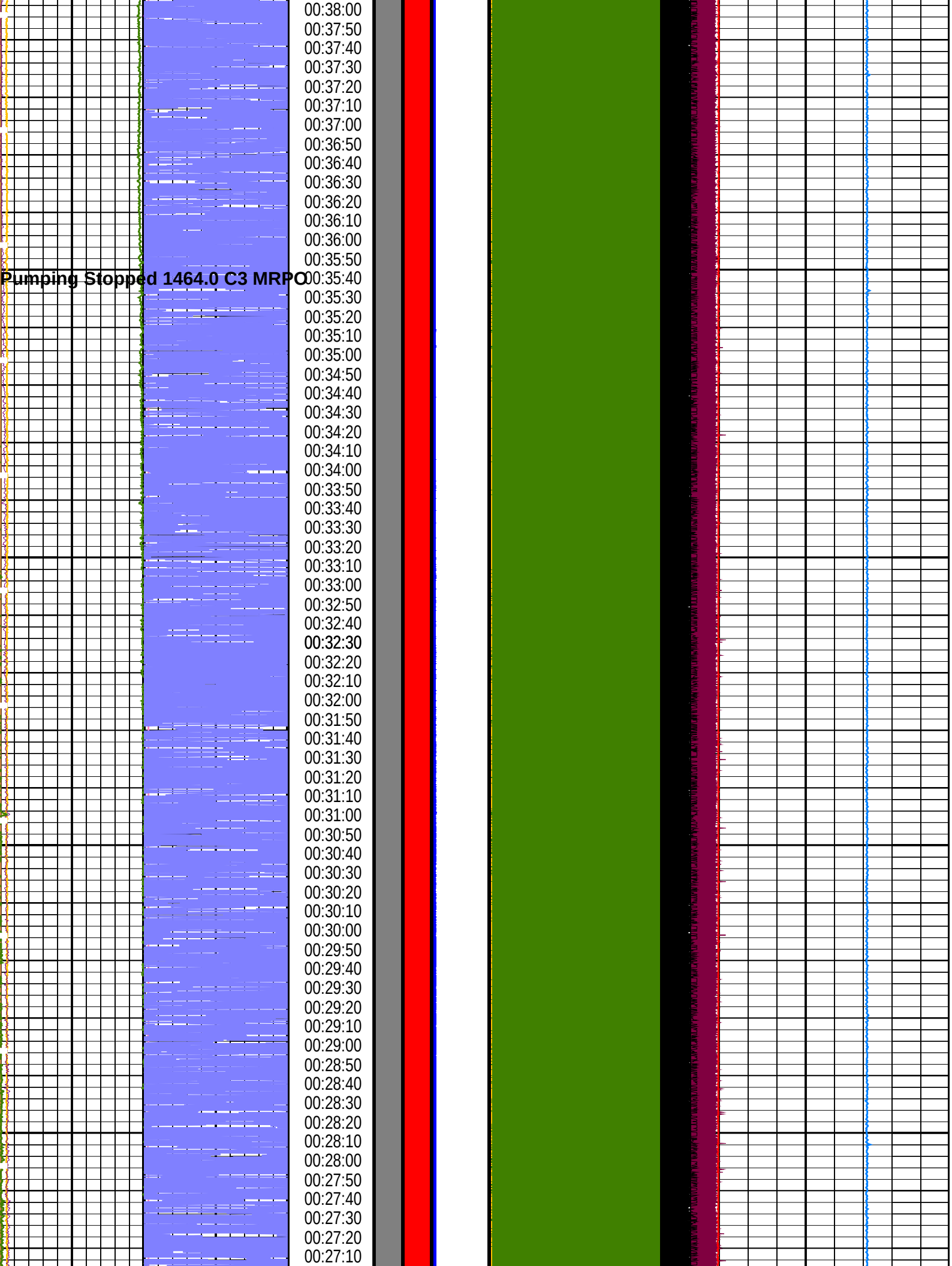

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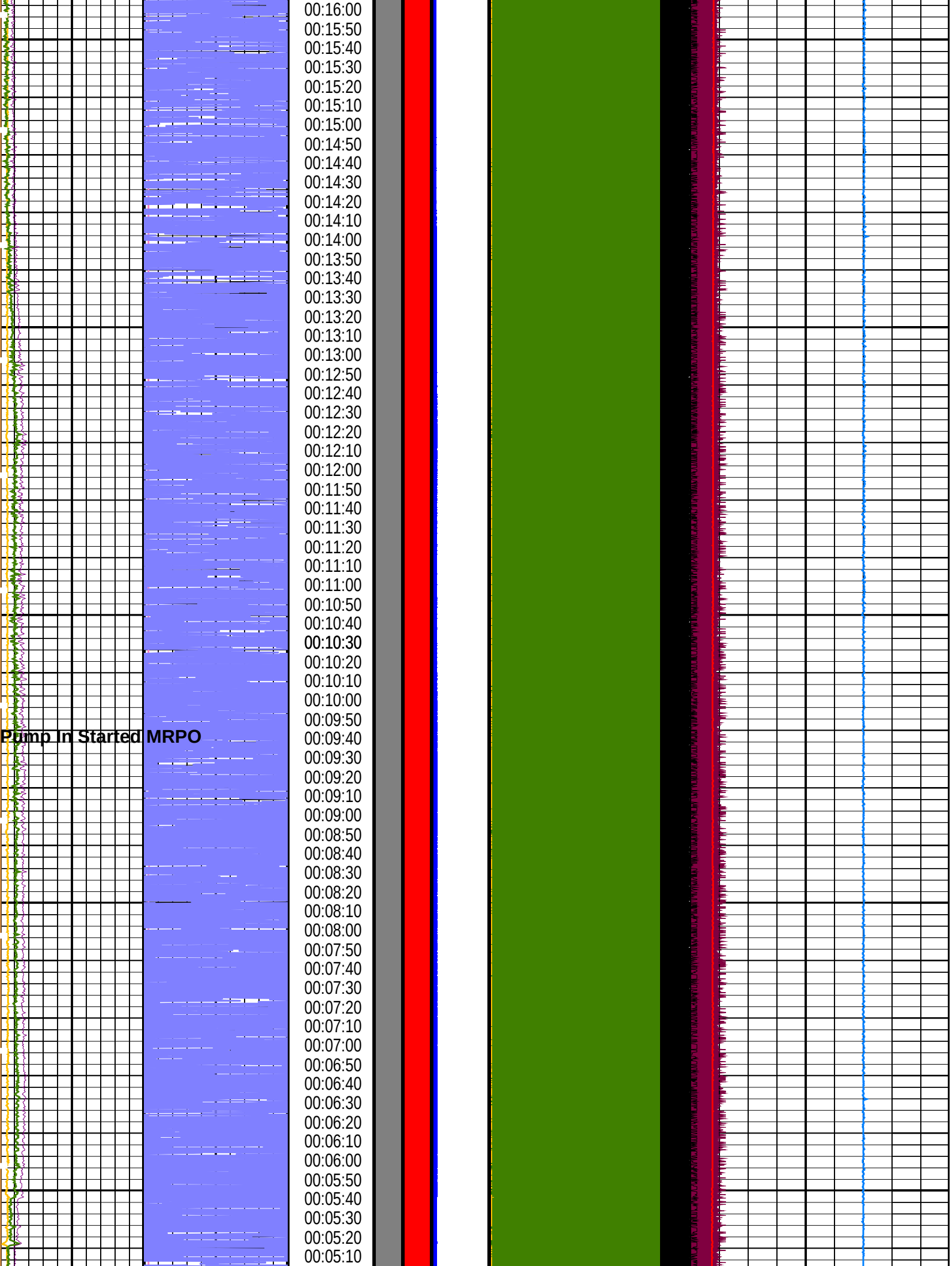

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Pumping Stopped 1464.0 C3 MRPO
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Pumping Stopped 6954.0 C3 MRPO
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Pump In Started MRPO
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CGA C2−C5 Partial Density (ETH_CGA)
0 (G/C3) 0.5

CGA GOR (GOR_CGA)
0 (F3/B) 5000

Elapsed Time (ETIM) (S)

C O 2 O F F

H

Highly Scattering Fluid

CGA Optical Density Channel 0 (FAOD0_CGA)
0 (−−−− 40

CGA C6+ Partial Density (HEX_CGA)
0 (G/C3) 0.5

CGA CGR (CGAR_CGA)
0 (UBCF) 200

M

Water Volume Fraction

Methane

CGA Optical Density Channel 1 (FAOD1_CGA)
−4 (−−−− 36

CGA CO2 Partial Density (CO2_CGA)
0 (G/C3) 0.5

L

C2−C5

CGA Fluorescence Channel 0 (FLD0_CGA)
0 (V) 1

CGA Methane Partial Density (METH_CGA)
0 (G/C3) 0.5

C6+

CGA Fluorescence Ratio (FLRA_CGA)
0 (−−−− 1

CGA Apparent Hydrocarbon Density (AHYD_CGA)
0 (G/C3) 0.5

CO2

Water > 80%

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
	LFA Live Fluid Analyzer	

LFA: Live Fluid Analyzer			
PDCO	Probe Depth Correction Offset	0	FT
CGA: Condensate & Gas Analyzer			
FA2M_CGA	CGA CO2 Allow/Disallow Mode	ALLOW	
FADM_CGA	CGA Dew Detection Allow/Disallow Mode	ALLOW	
FAGM_CGA	CGA GOR Allow/Disallow Mode	ALLOW	
FAODW_CGA	CGA Water Absorption Spectra	** V **	
FAPC_CGA	CGA Path Correction Coefficient	1.0474	
FAPM_CGA	CGA Composition Allow/Disallow Mode	ALLOW	
FATCM_CGA	CGA Temp. Coef. Measure Mode	** V **	
FATCS_CGA	CGA Temp. Coef. Source Mode	** V **	
HAPI_CGA	CGA Hydrocarbon API	35	DAPI
MFGCAL_STATUS_CGA	CGA Manufacturing Calibration Coefficient Status	VALID	
ODTMP_CGA	CGA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
TCPS_STATUS_CGA	CGA Temperature Compensation Coefficient Status	VALID	
MRPC: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	FT

Format: CGA_Station Vertical Scale: 1" per 60S Graphics File Created: 17−Feb−2007 06:40

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_095LTP	FN:106	PRODUCER	17−Feb−2007 06:40

Output DLIS Files

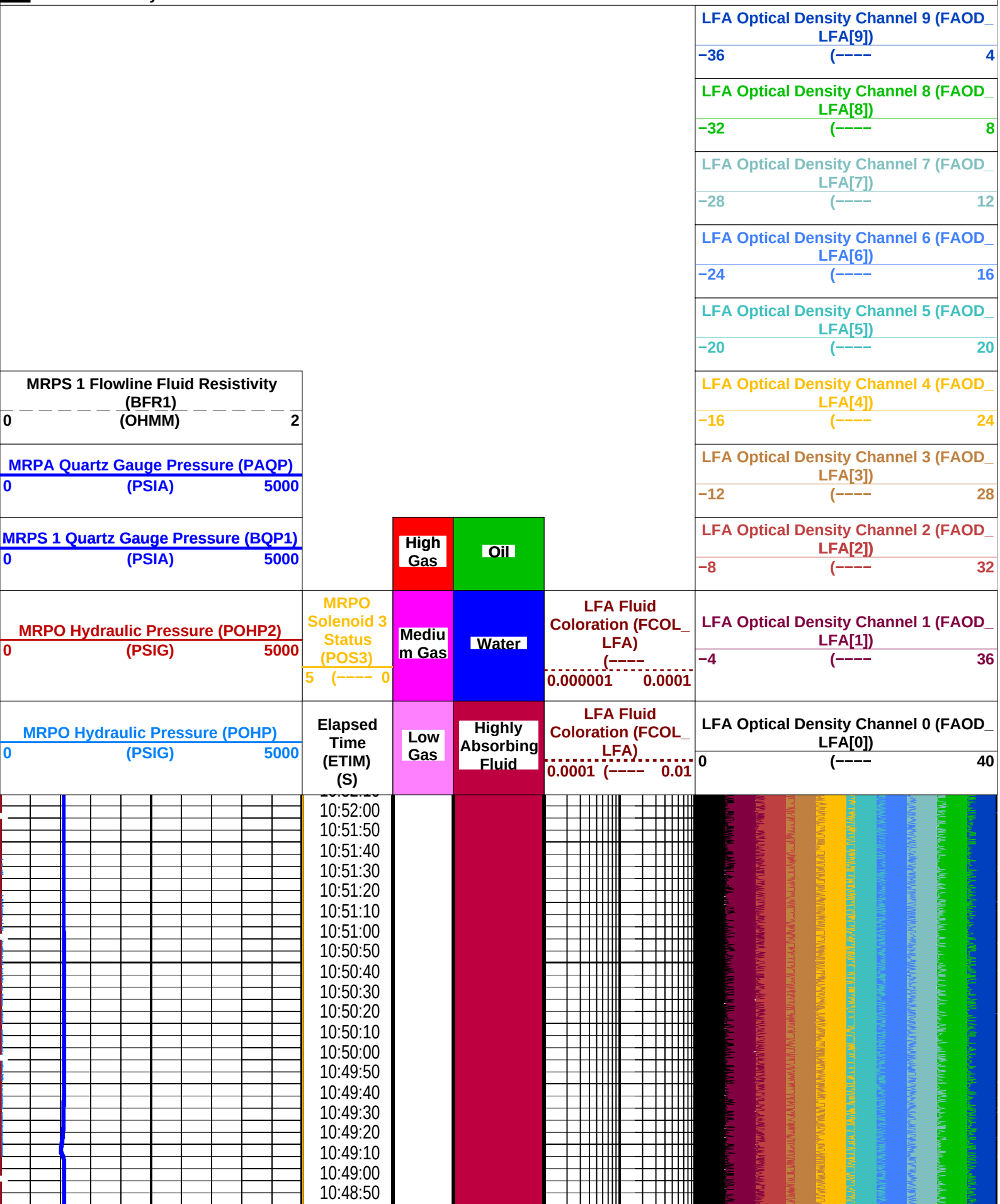
DEFAULT	MDT_OFA_095LTP	FN:106	PRODUCER	17−Feb−2007 06:40	2047.1 FT	326.1 FT

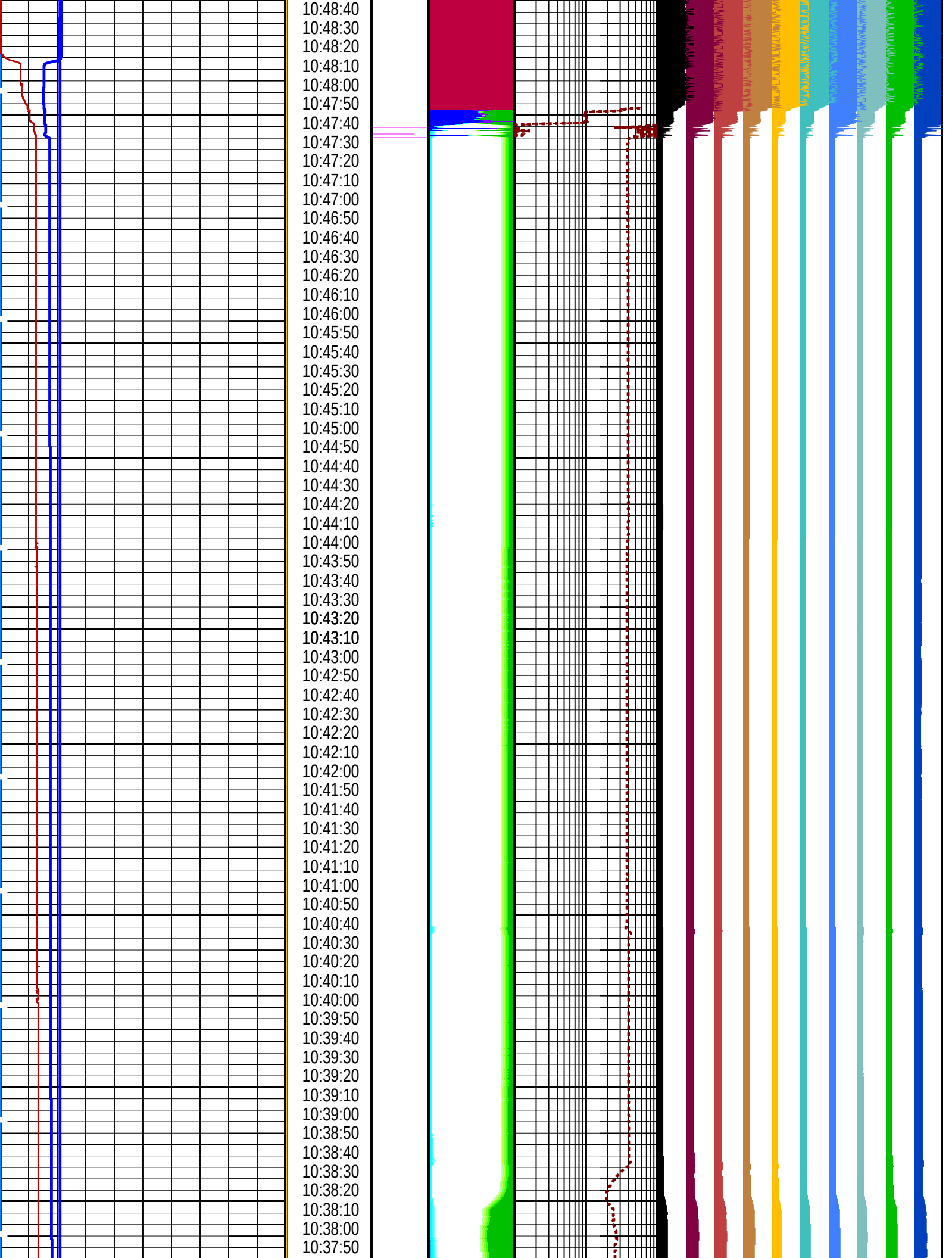
Elapsed Time (s)	Event Summary
37844.4	Pumping Stopped 17169.0 C3 Dual Pumpout Module (MRPO) 2
37110.9	Seal MDT Multi−Sample (MRMS) 1, bottle 4
36883.8	Open MDT Multi−Sample (MRMS) 1, bottle 4, sample number = 4
34164.9	Pump Out Started Dual Pumpout Module (MRPO) 2
34134.0	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
34079.7	Pump Out Started Dual Pumpout Module (MRPO)
19670.4	Pumping Stopped 531.0 C3 Dual Pumpout Module (MRPO) 2
19204.2	Seal MDT Multi−Sample (MRMS) 1, bottle 3
18936.0	Open MDT Multi−Sample (MRMS) 1, bottle 3, sample number = 3
18876.9	Pump Out Started Dual Pumpout Module (MRPO) 2
18868.2	Pumping Stopped 1239.0 C3 Dual Pumpout Module (MRPO) 2
16559.4	Pump Out Started Dual Pumpout Module (MRPO) 2
16554.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
16485.3	Pump Out Started Dual Pumpout Module (MRPO)
16479.9	Pumping Stopped 19764.0 C3 Dual Pumpout Module (MRPO)
6972.0	Seal Sample Chamber Module 2 (1 Gallon, H2S)
5903.1	Pump Out Started Dual Pumpout Module (MRPO)
2135.4	Pumping Stopped 1464.0 C3 Dual Pumpout Module (MRPO)
1513.2	Pump Out Started Dual Pumpout Module (MRPO)
1404.9	Pumping Stopped 6954.0 C3 Dual Pumpout Module (MRPO)

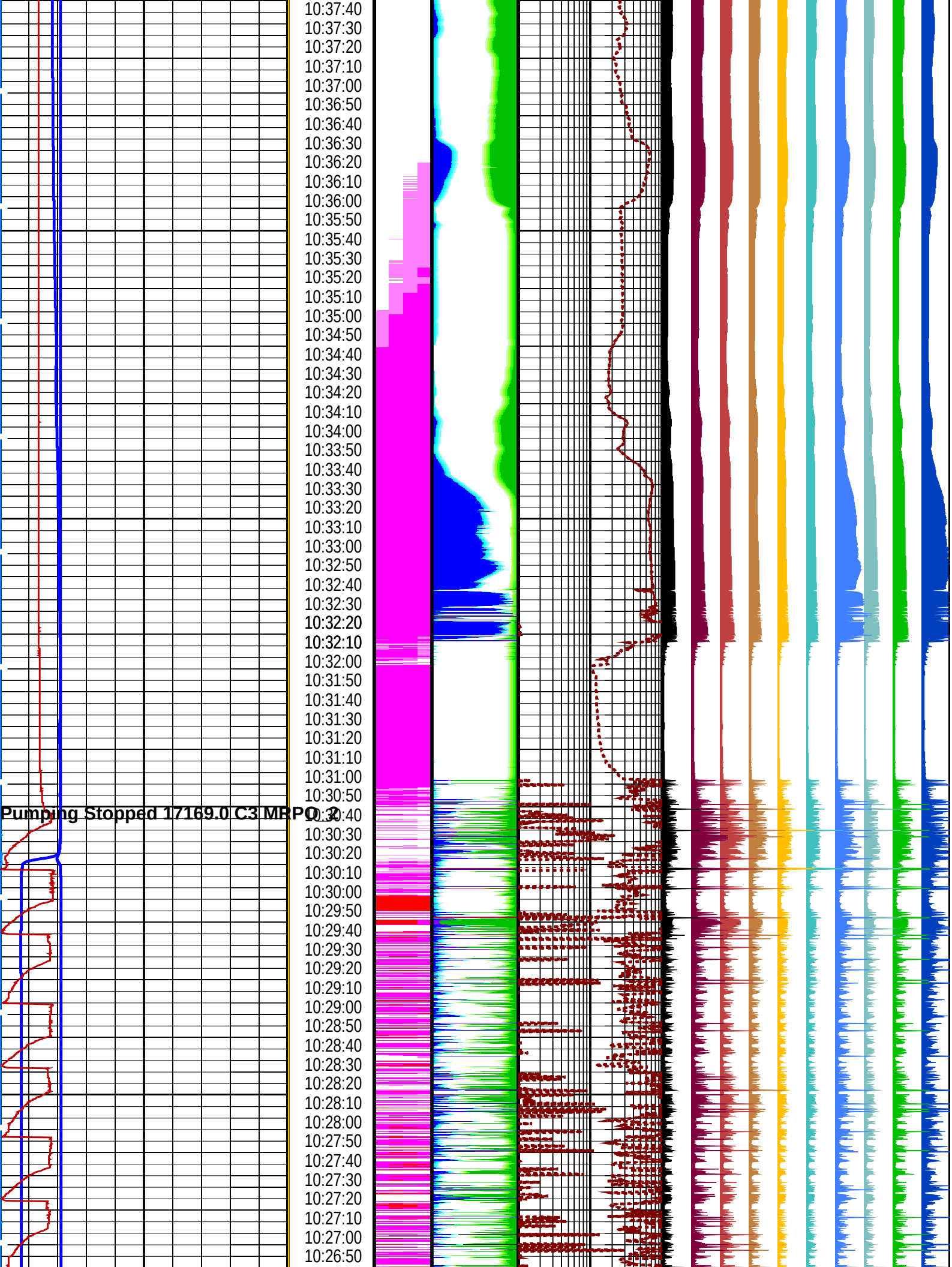
576.9	Pump In Started Dual Pumpout Module (MRPO)

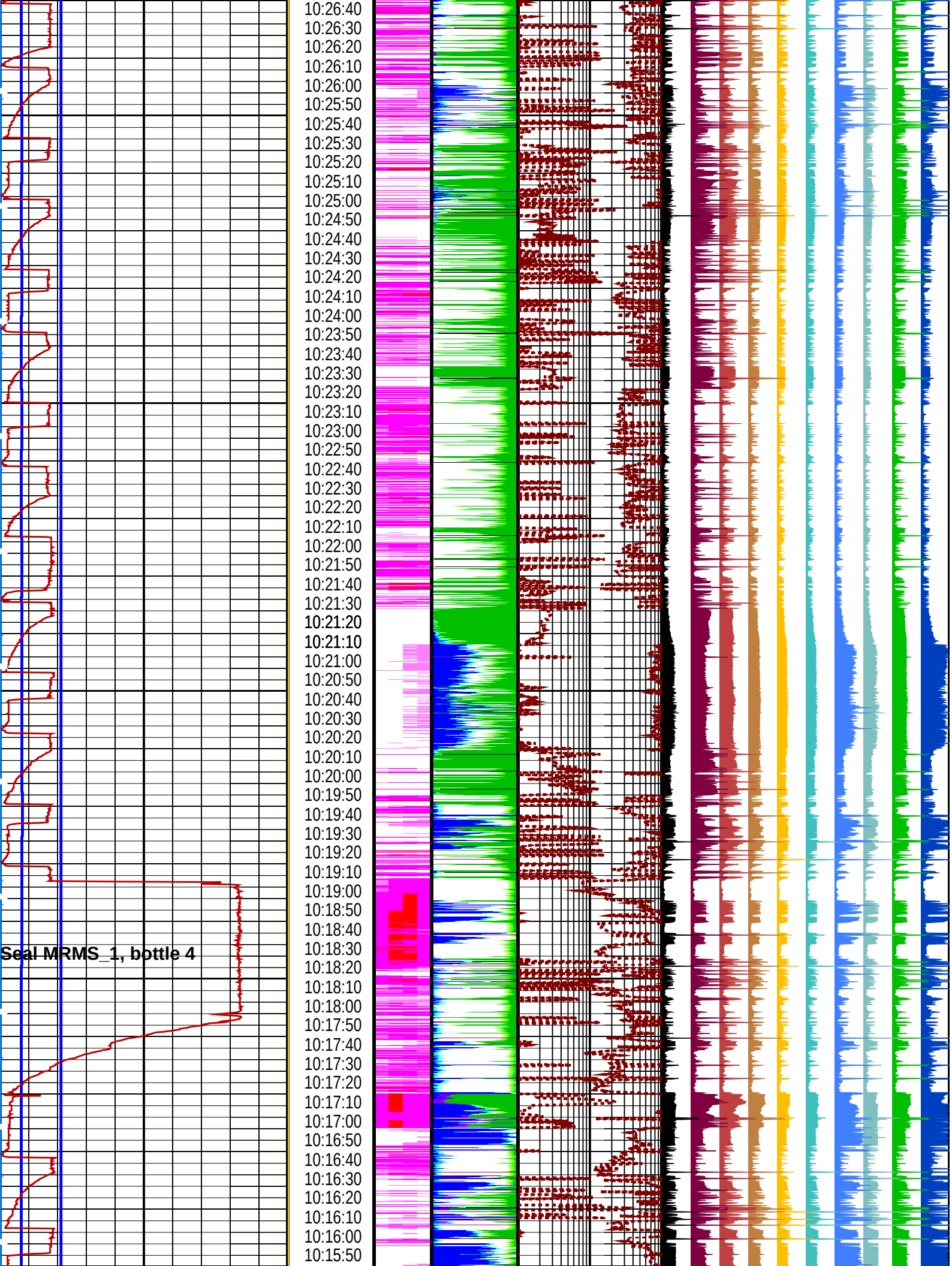
PIP SUMMARY

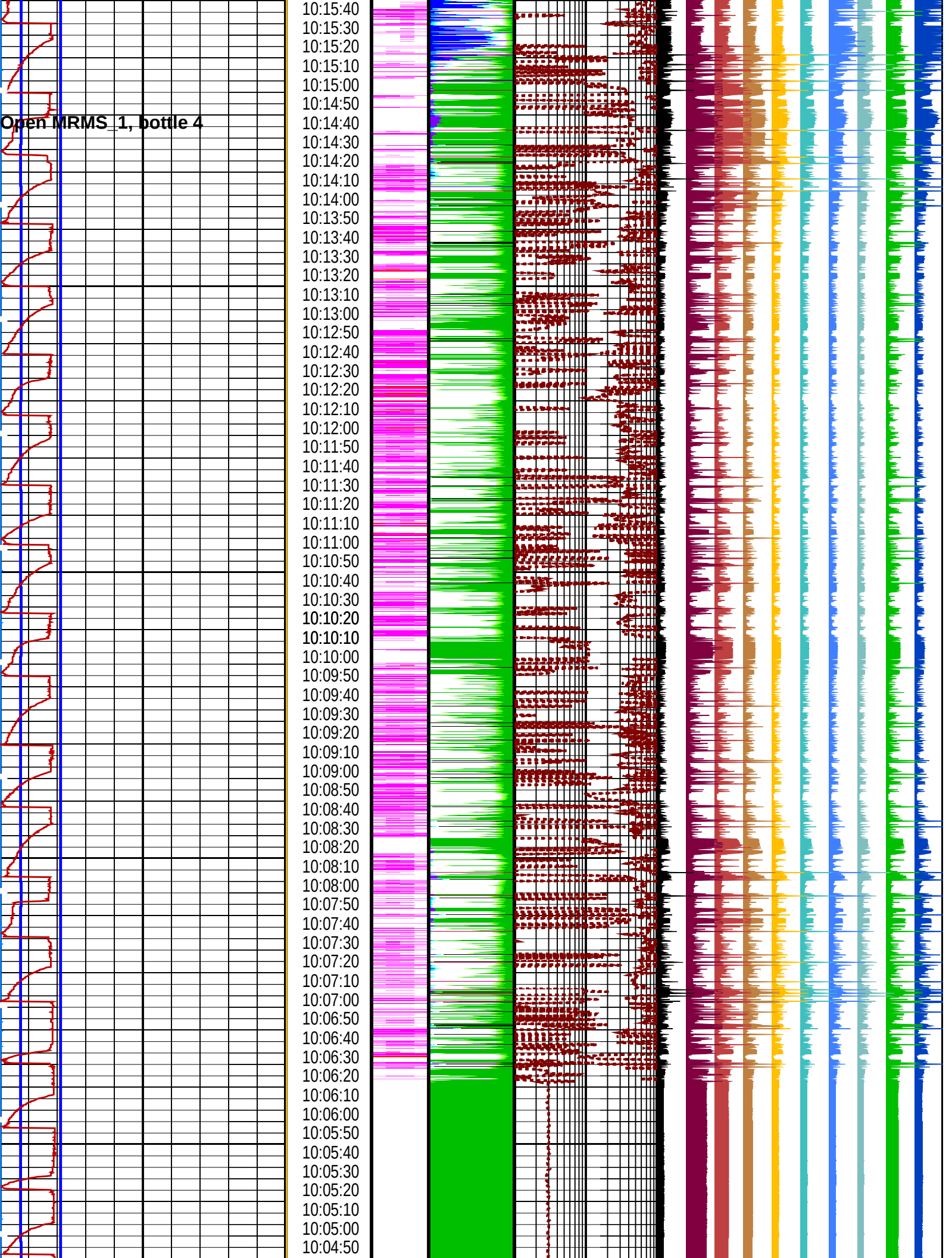
Time Mark Every 60 S

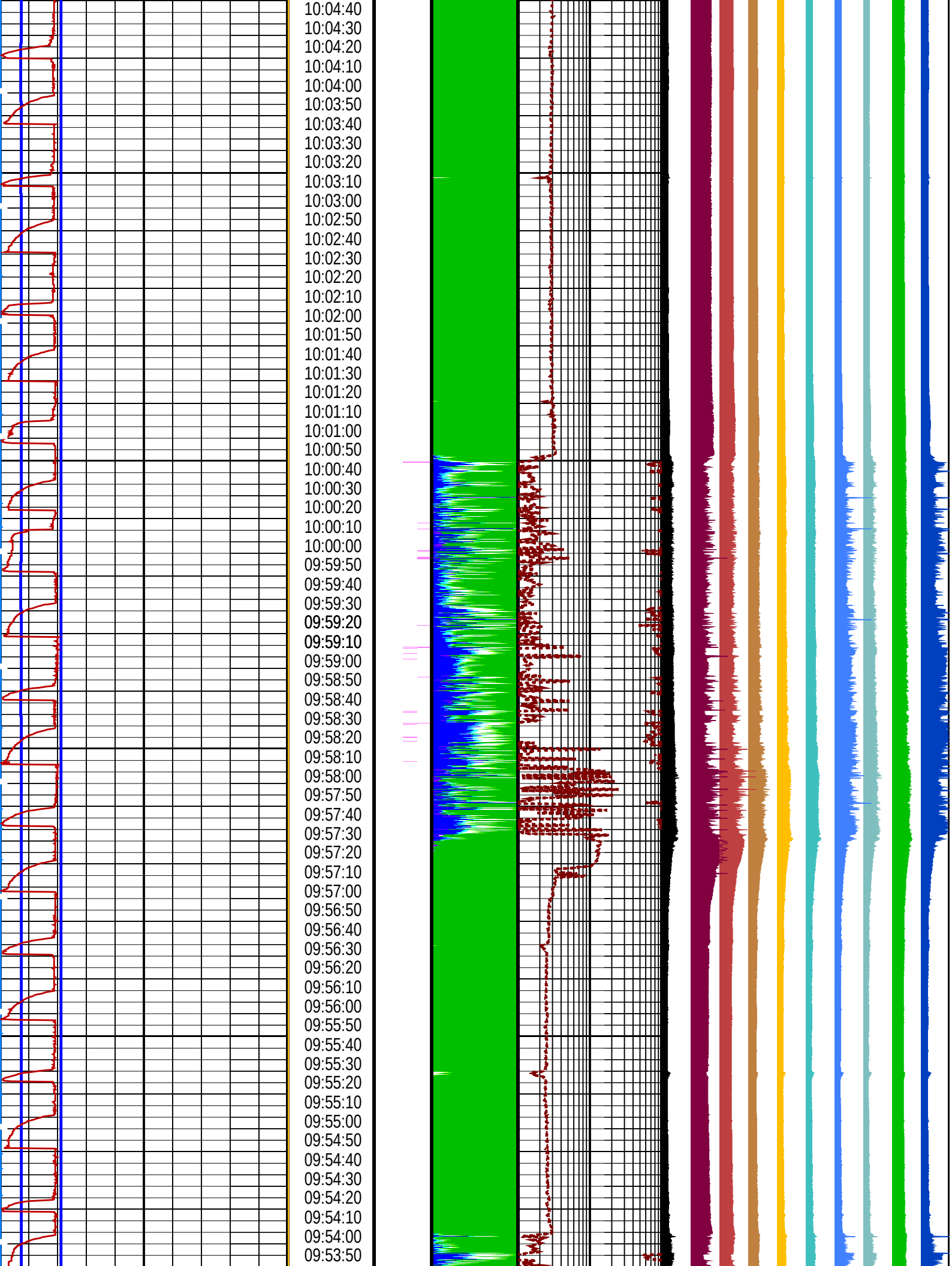


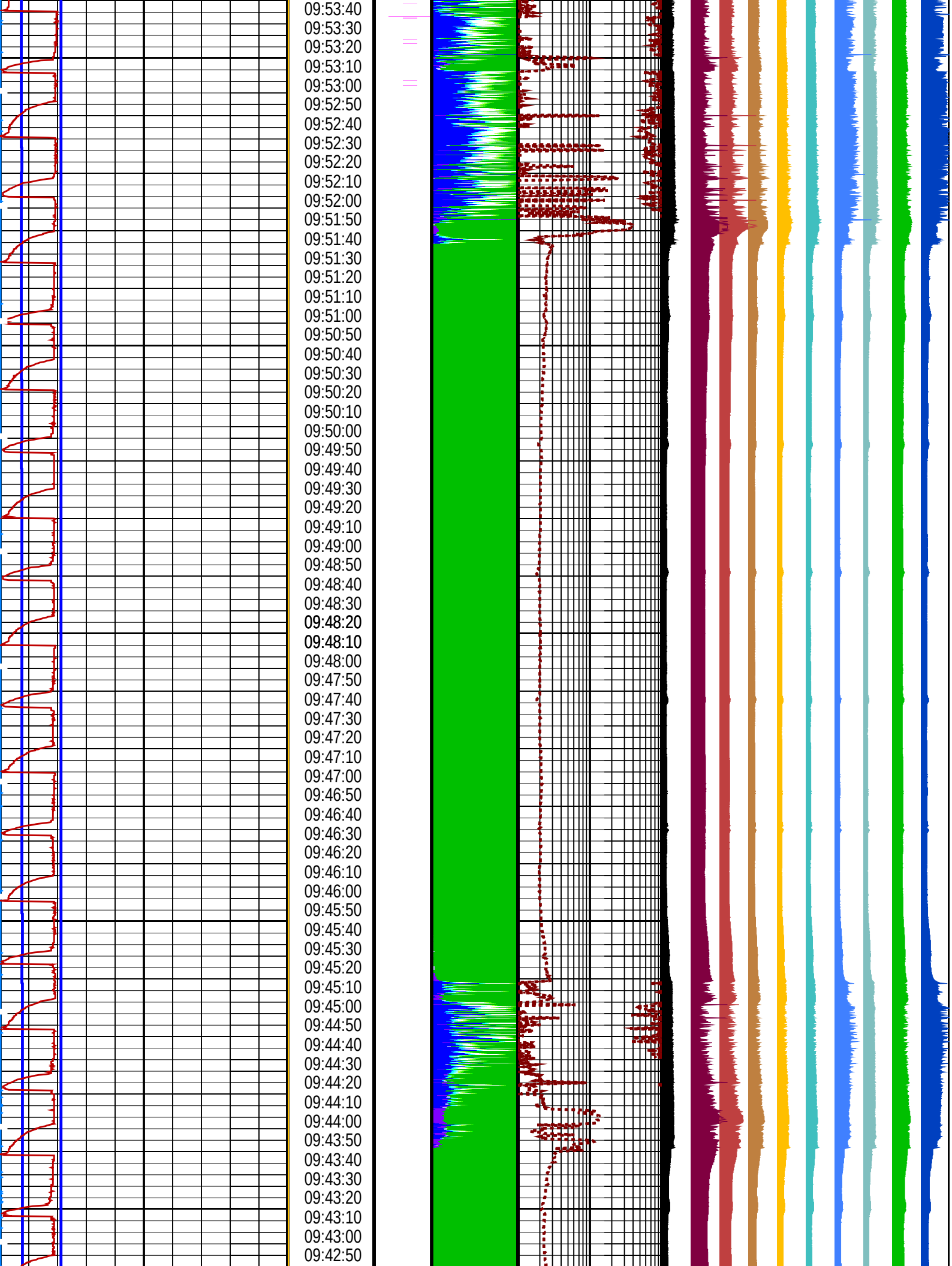

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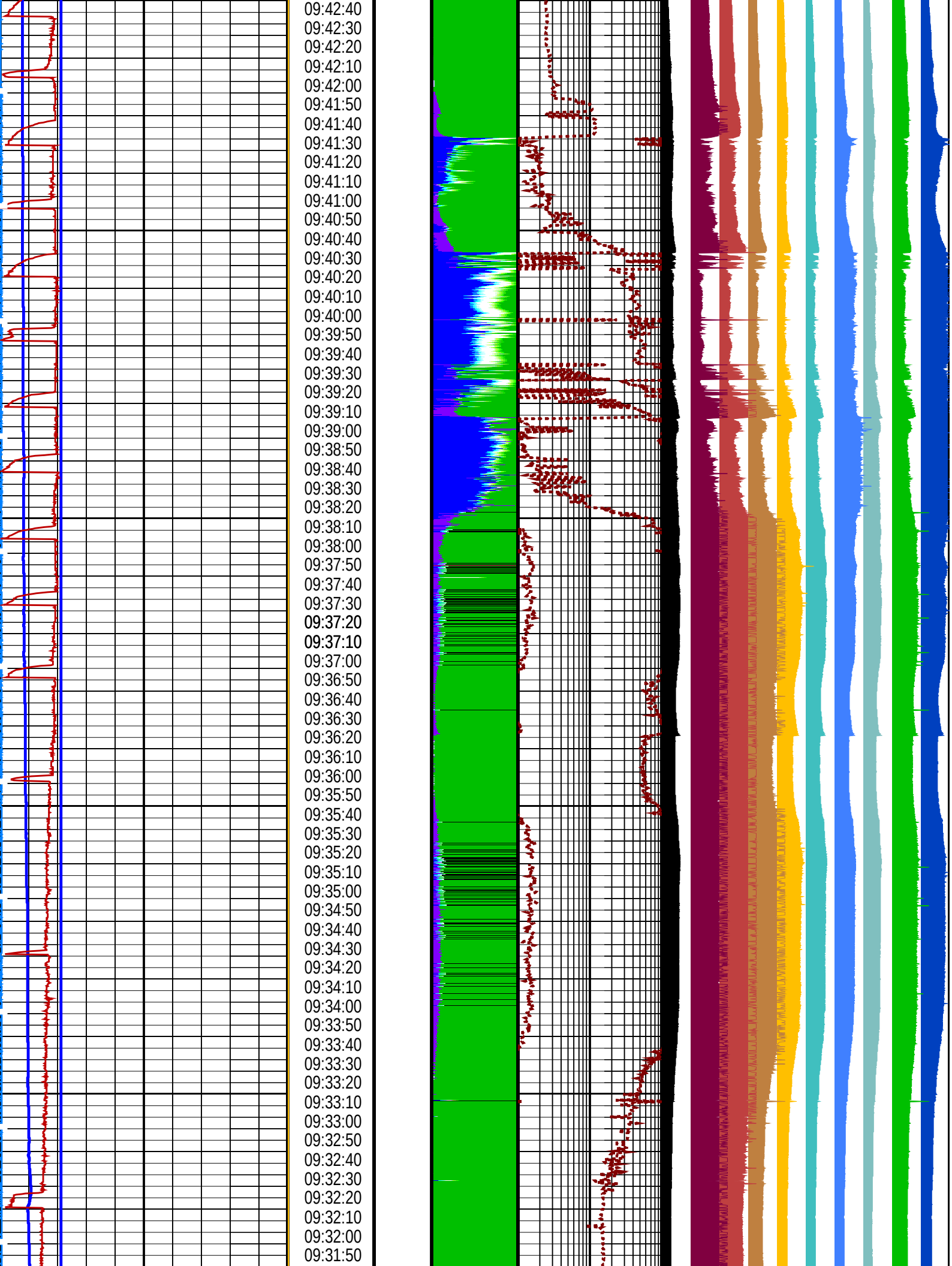

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Pumping Stopped 17169.0 C3 MRPO 2
10:30:40
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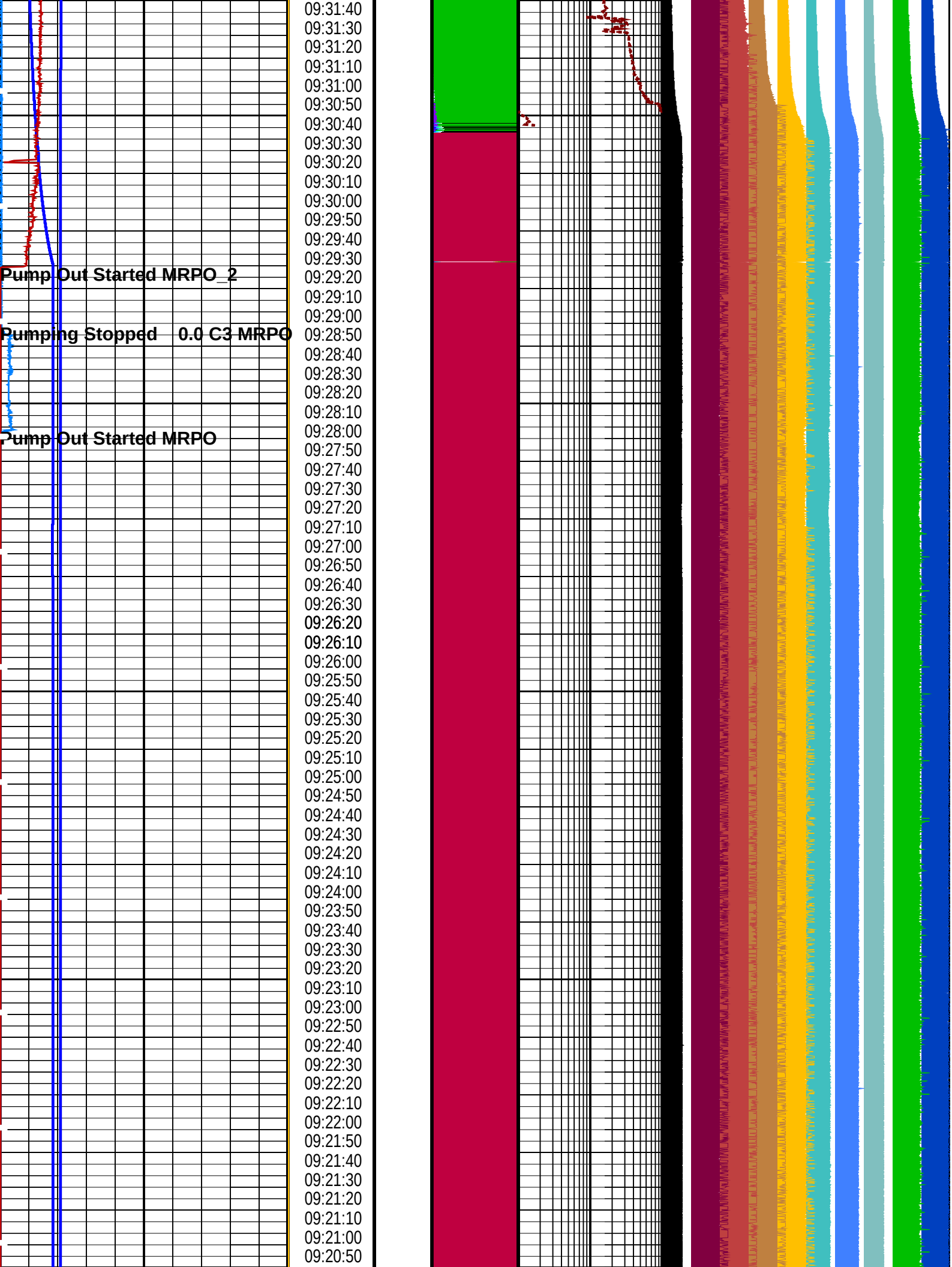

Seal MRMS_1, bottle 4
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10:25:50
10:25:40
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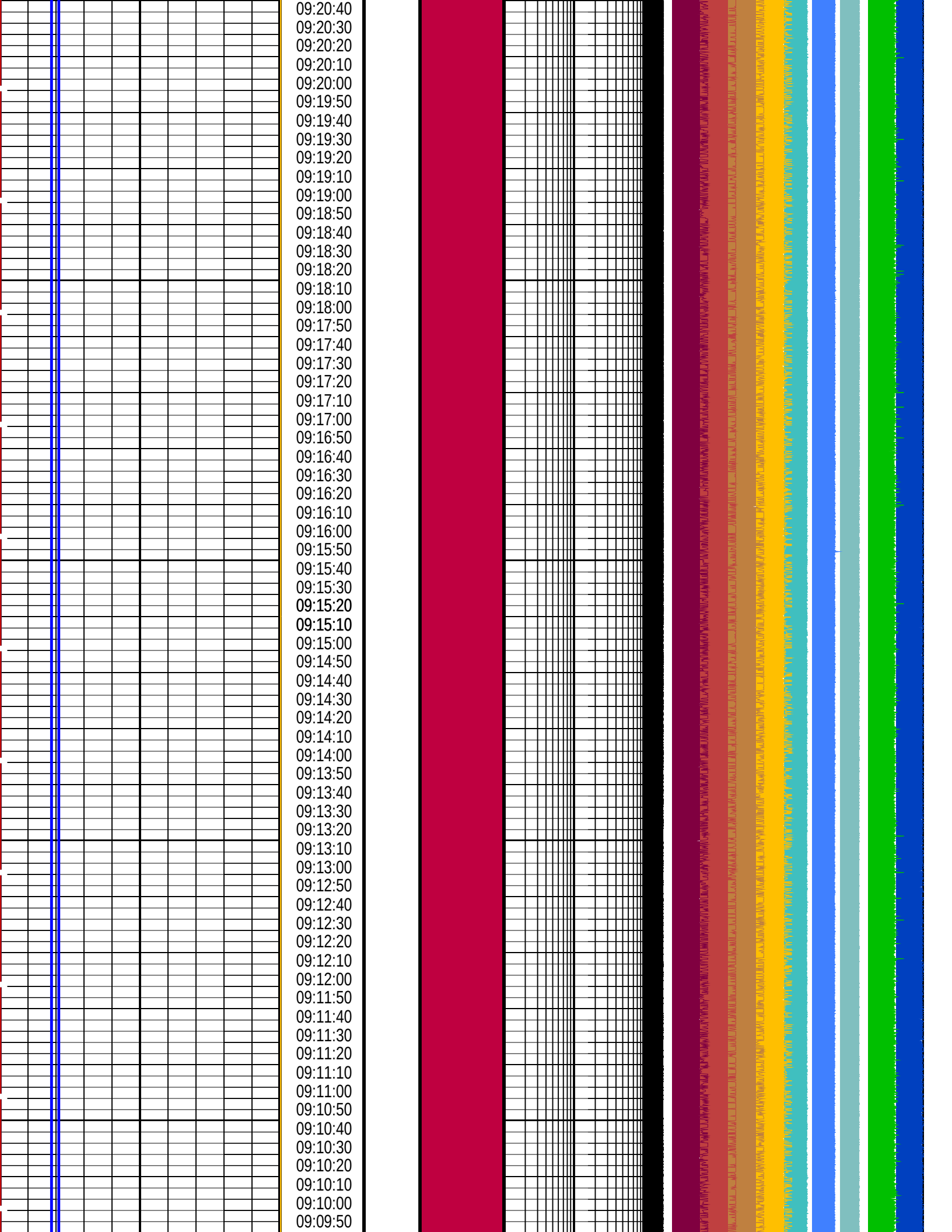

Open MRMS_1, bottle 4
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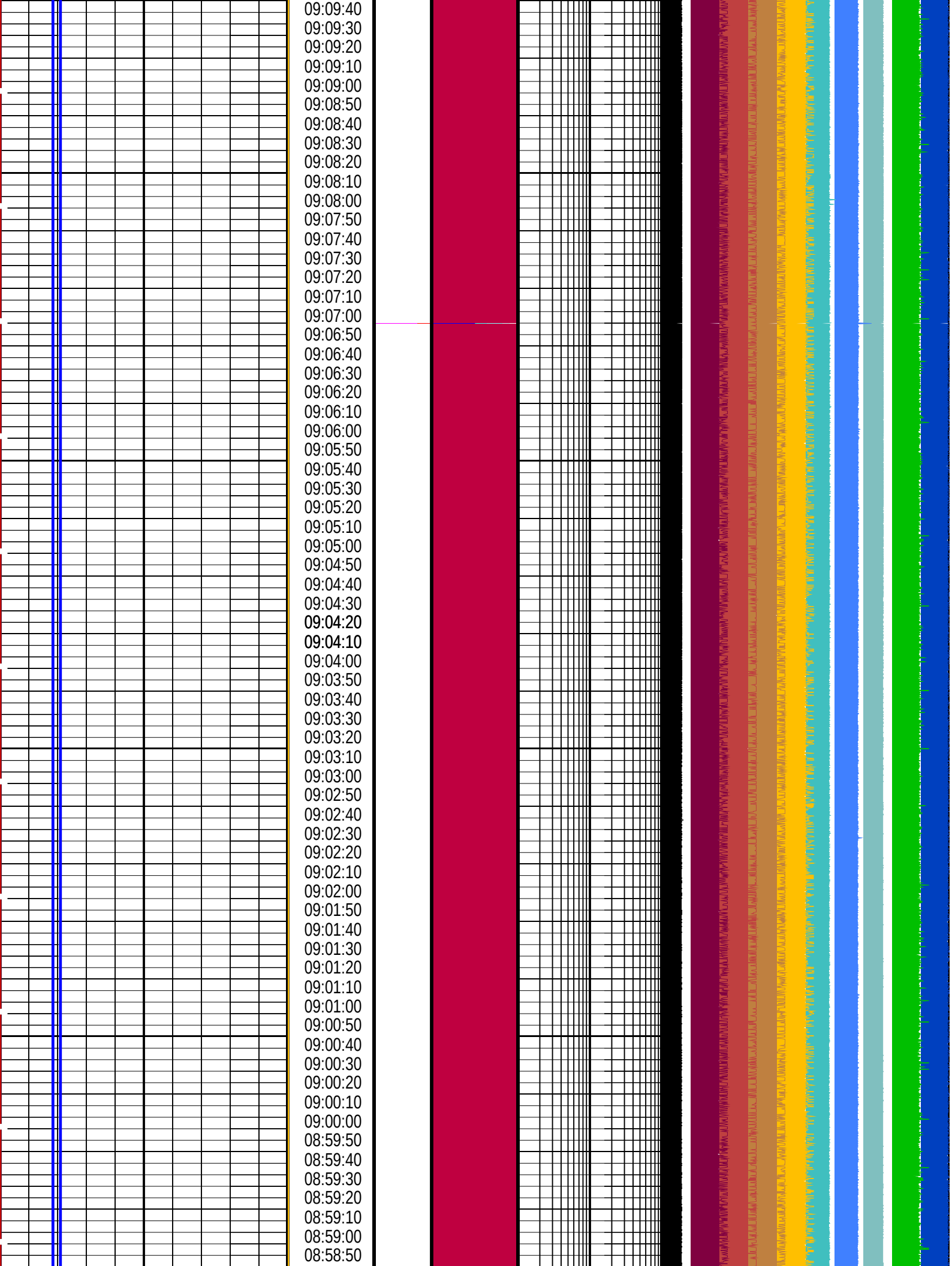

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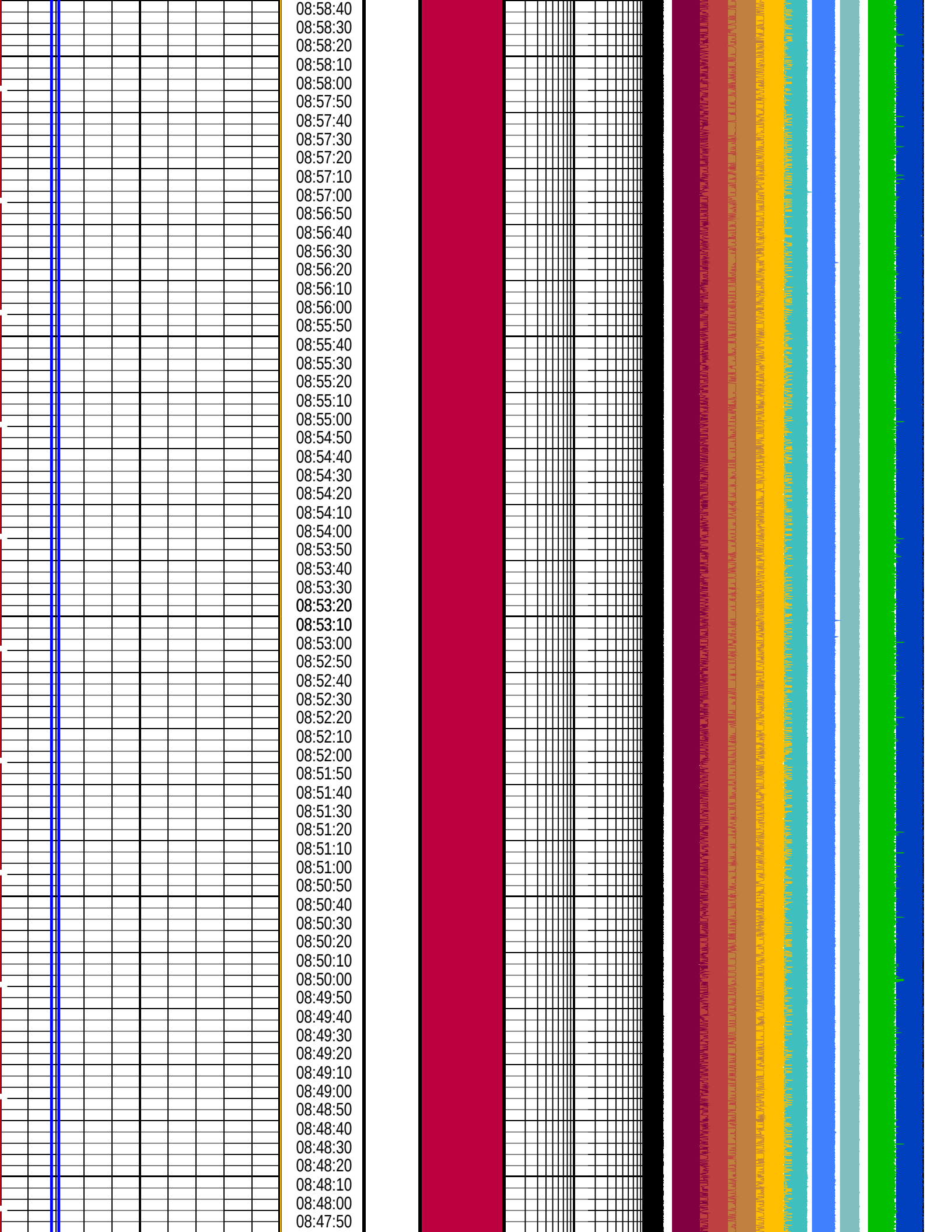

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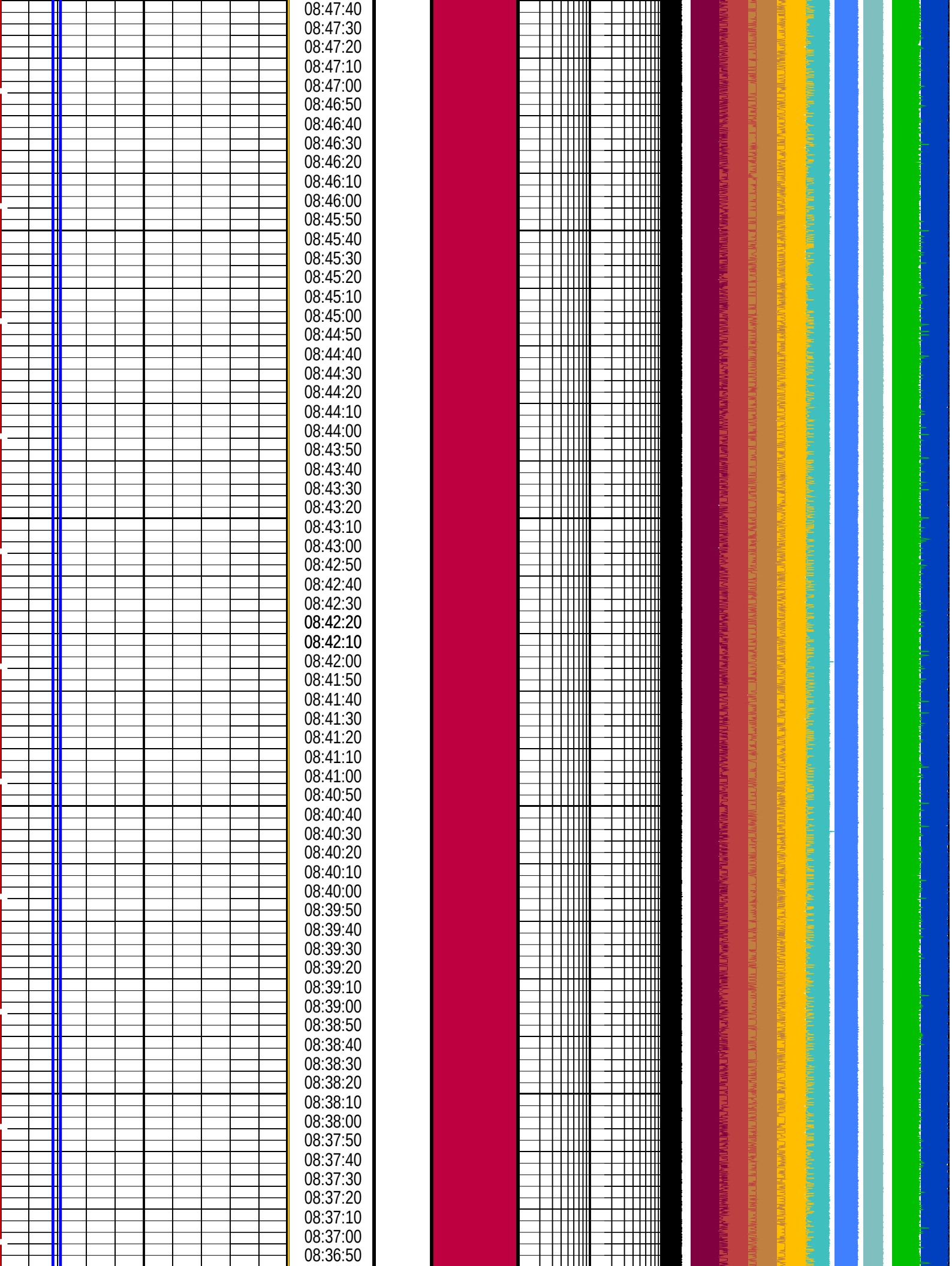

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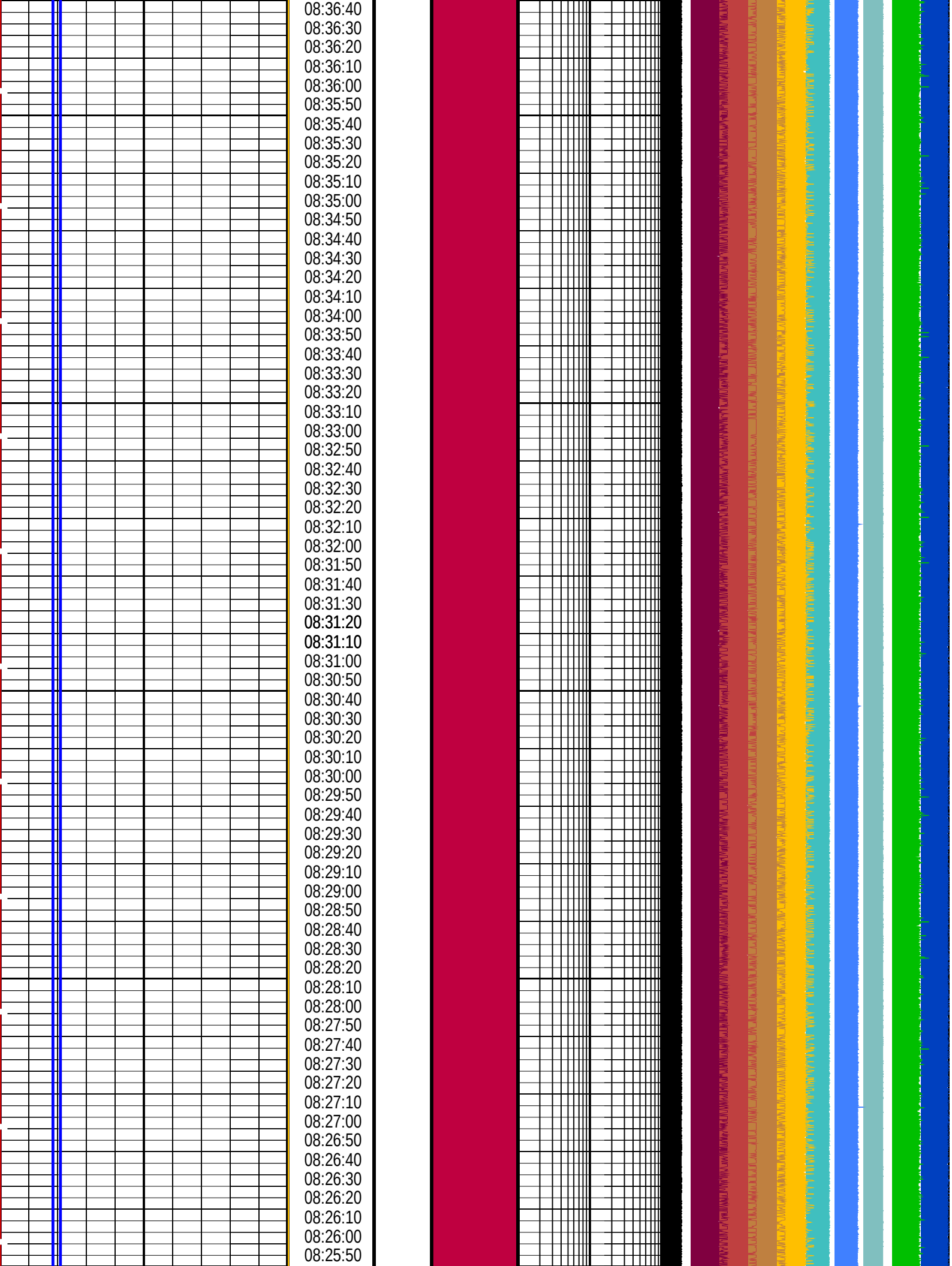

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Pumping Stopped 0.0 C3 MRPO
Pump Out Started MRPO
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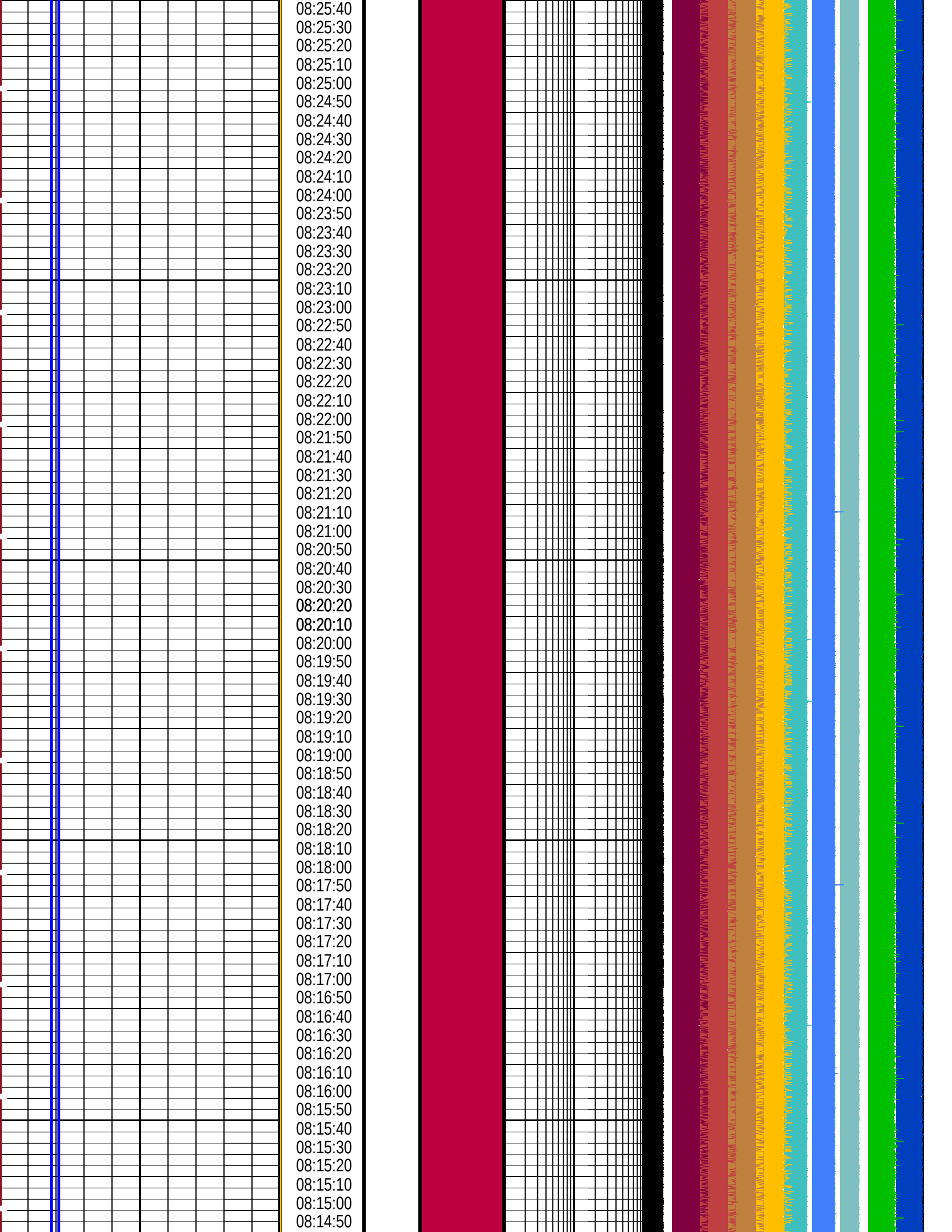

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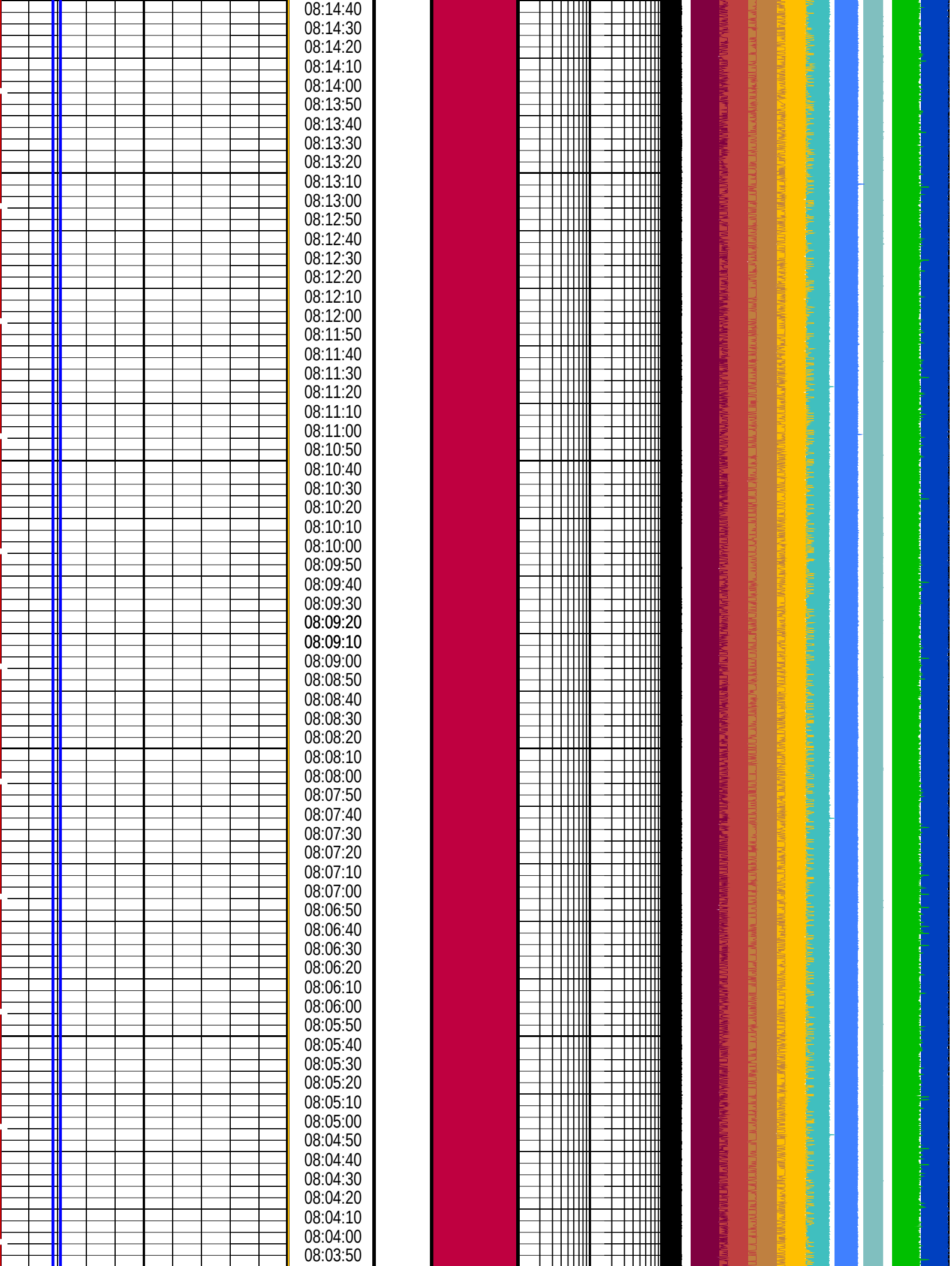

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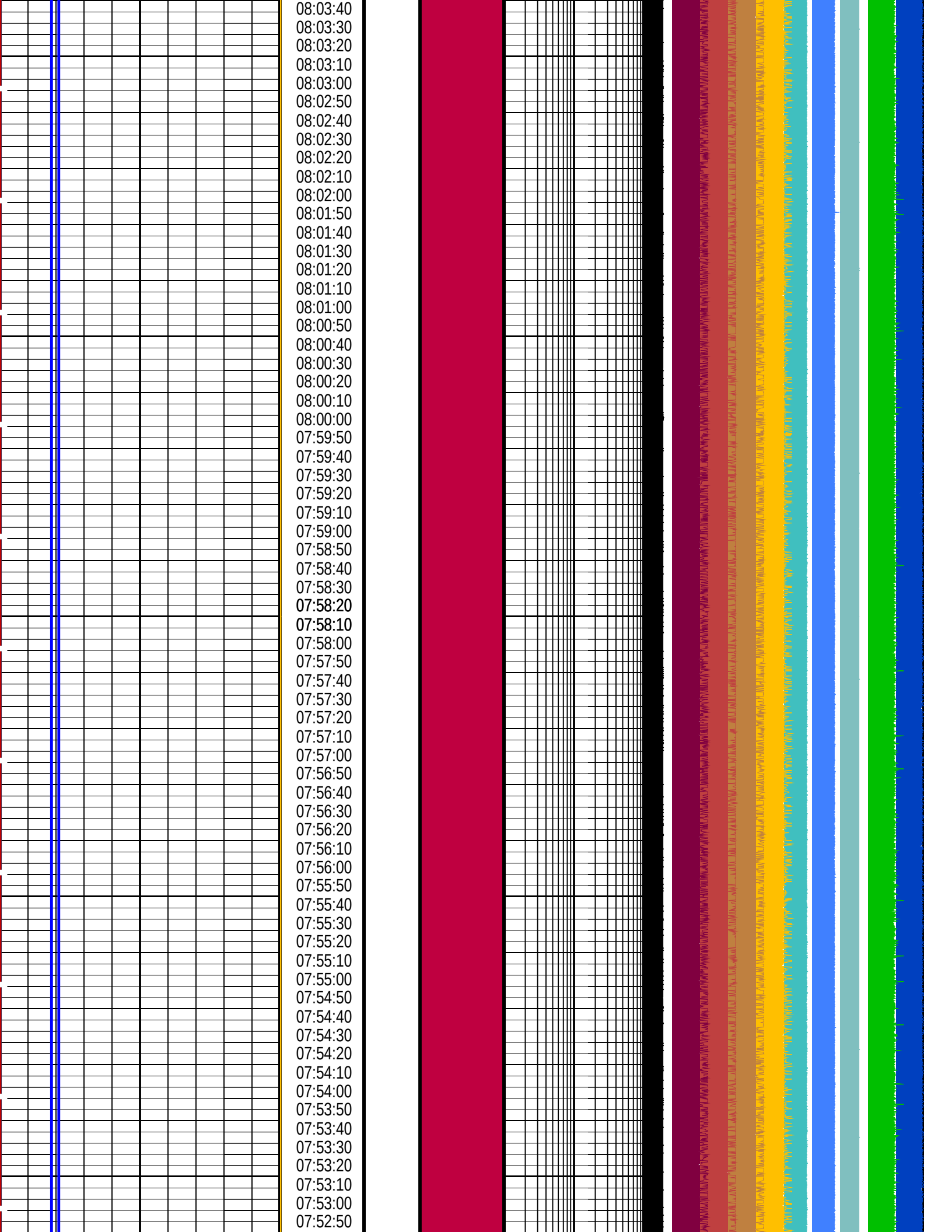

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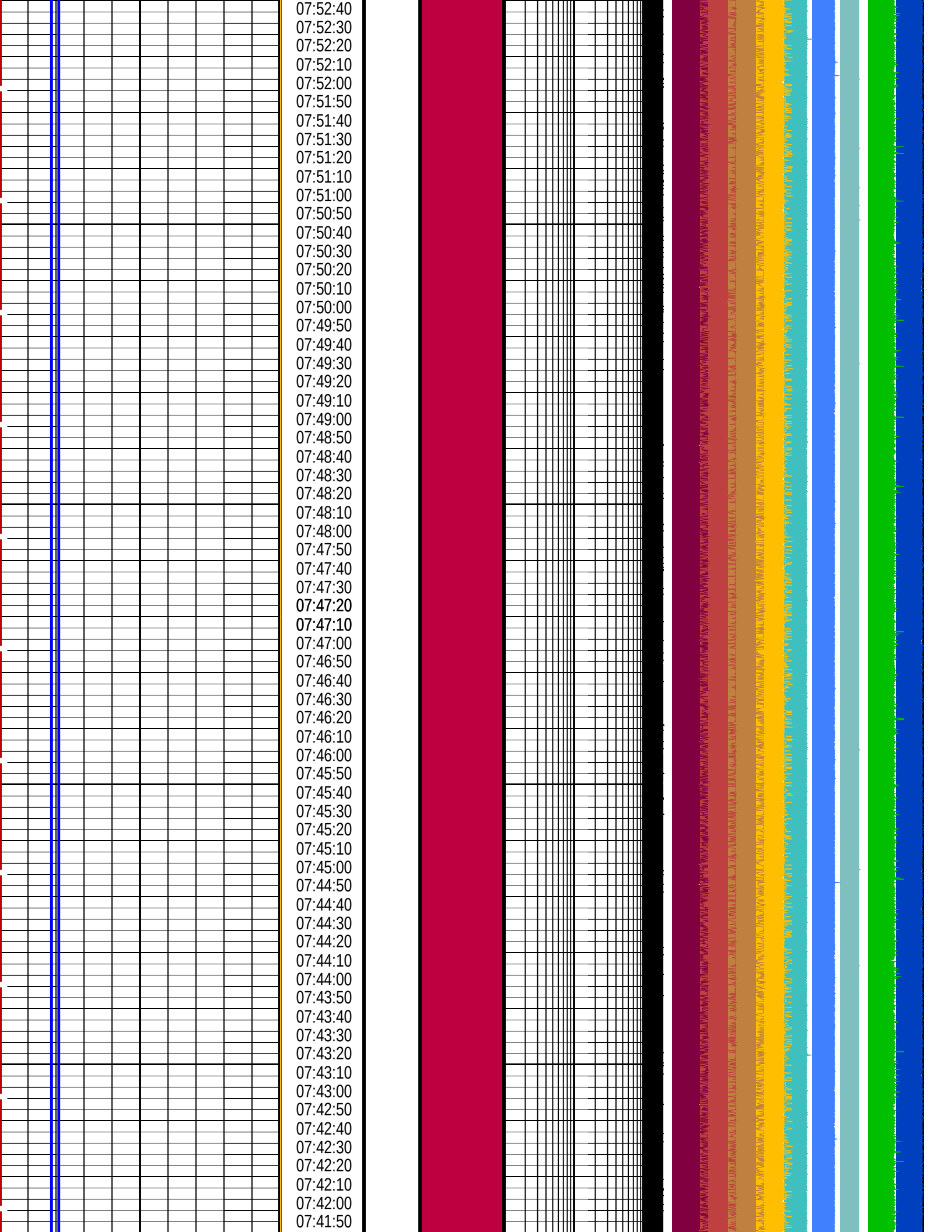

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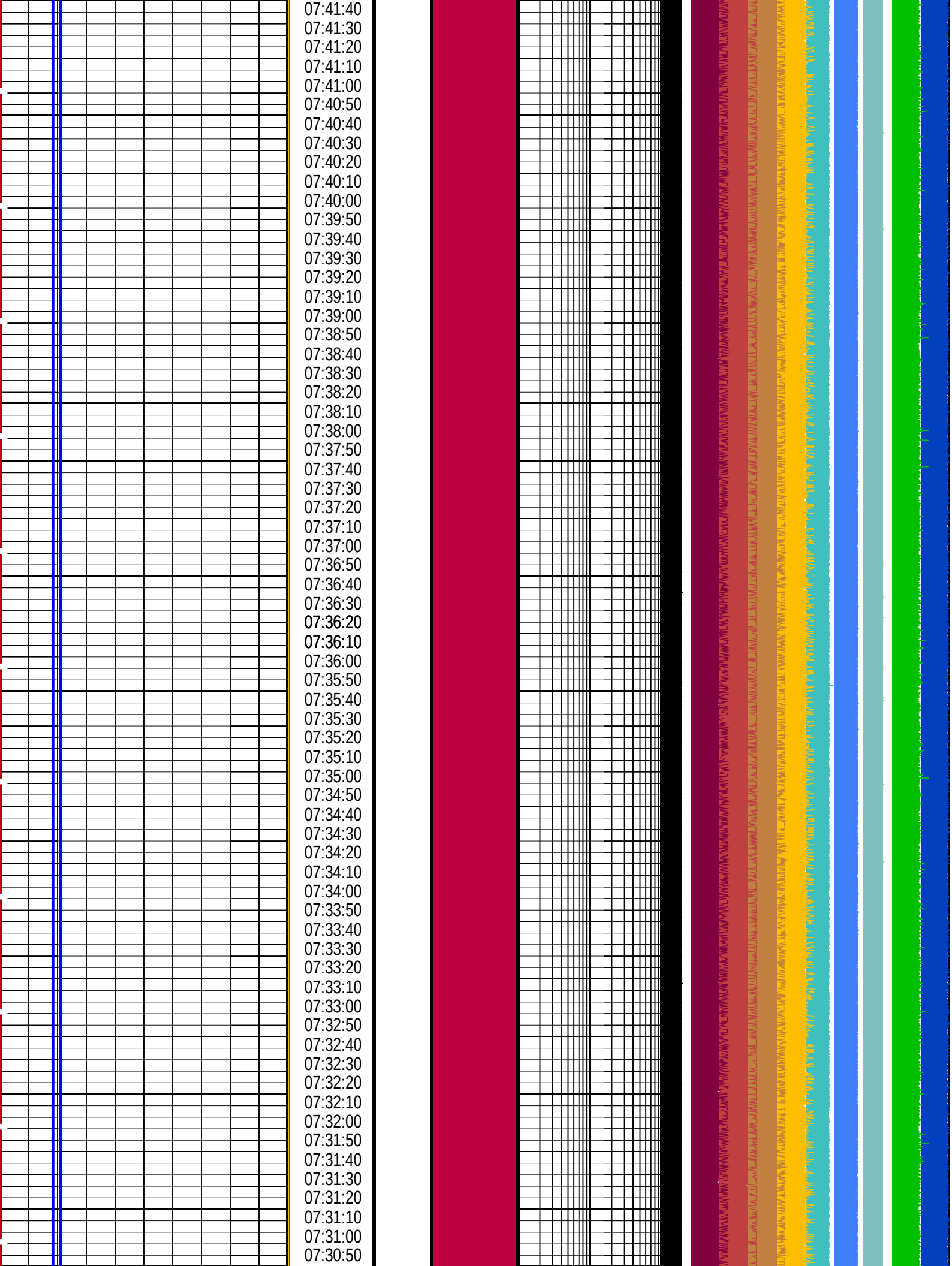

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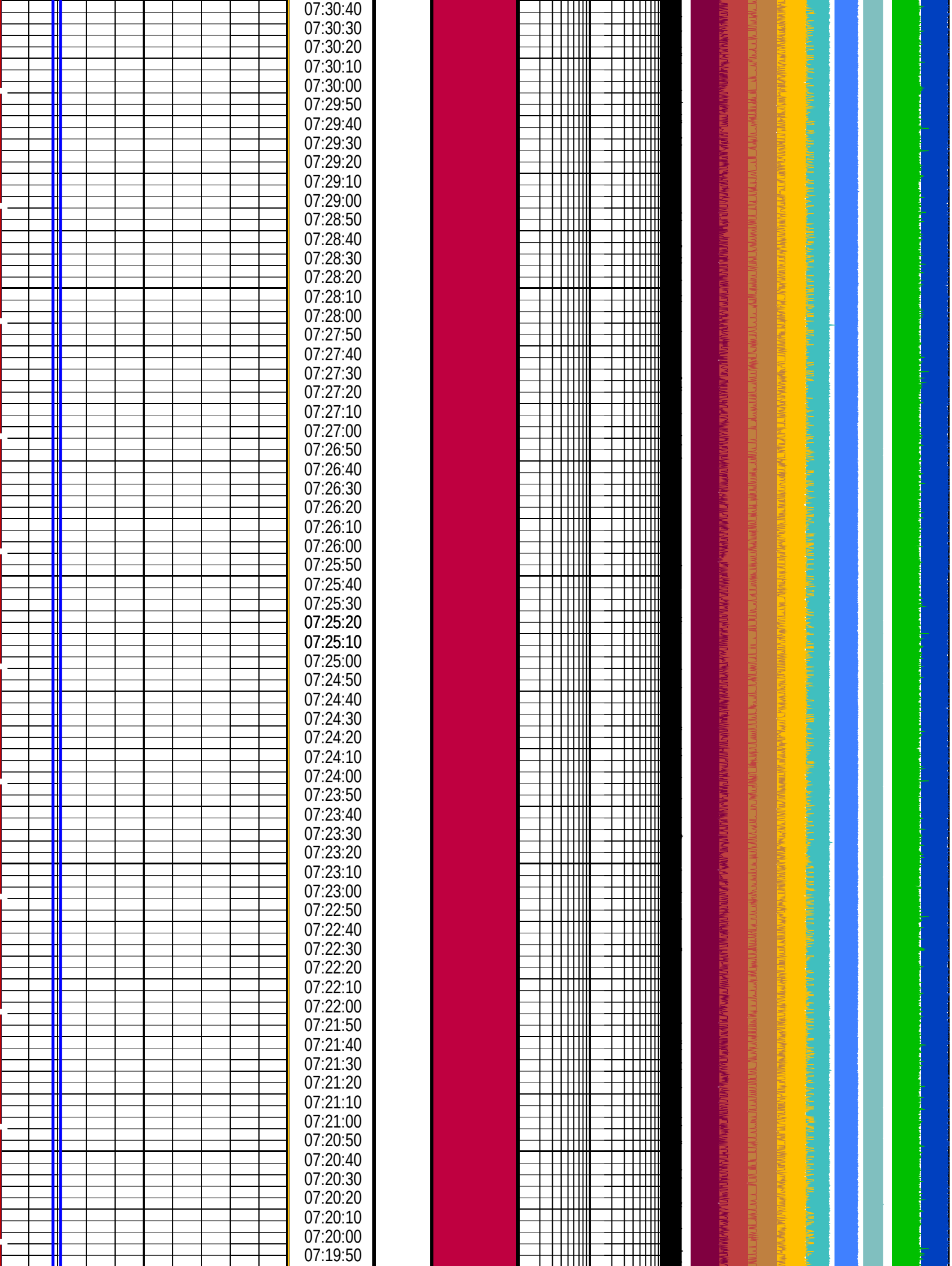

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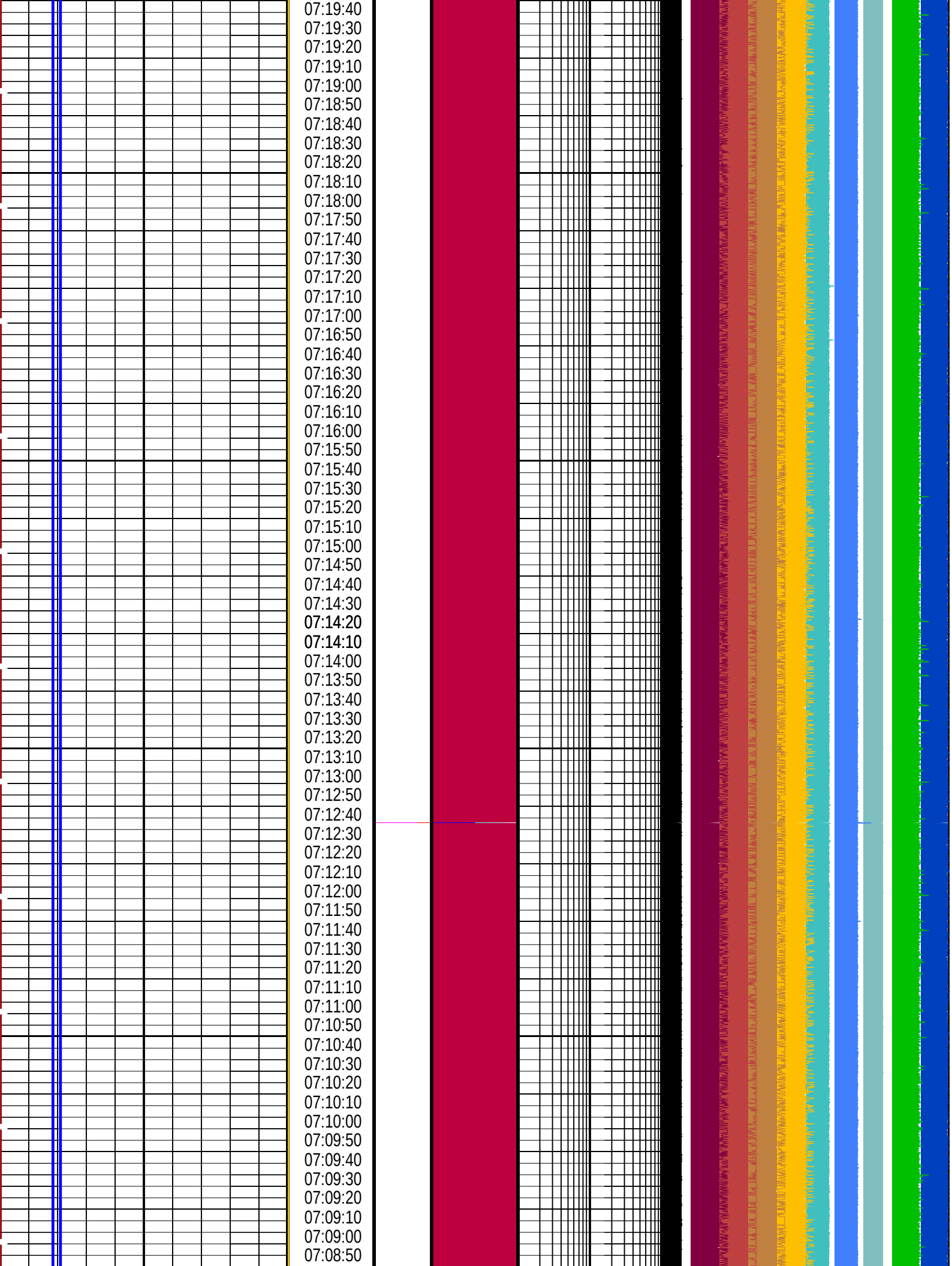

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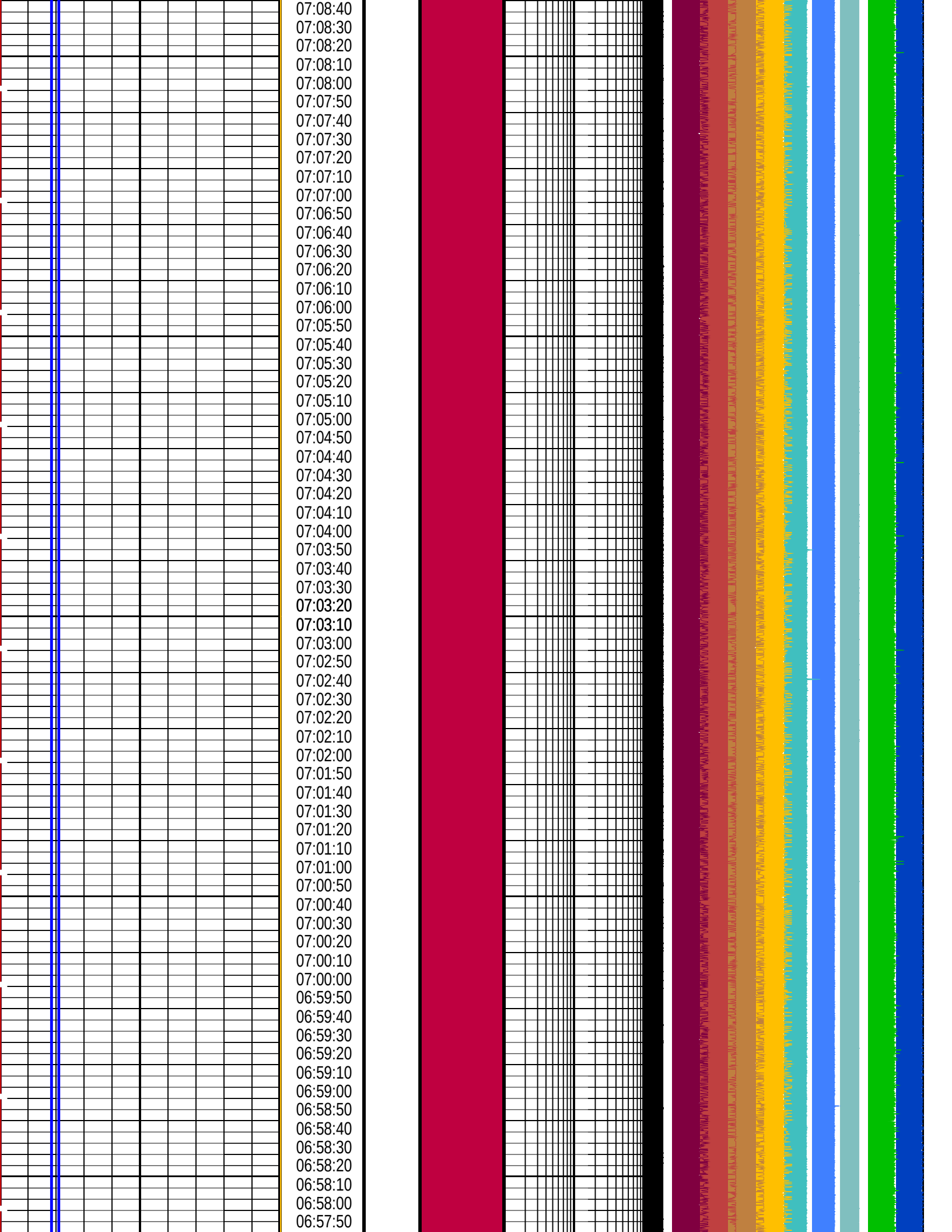

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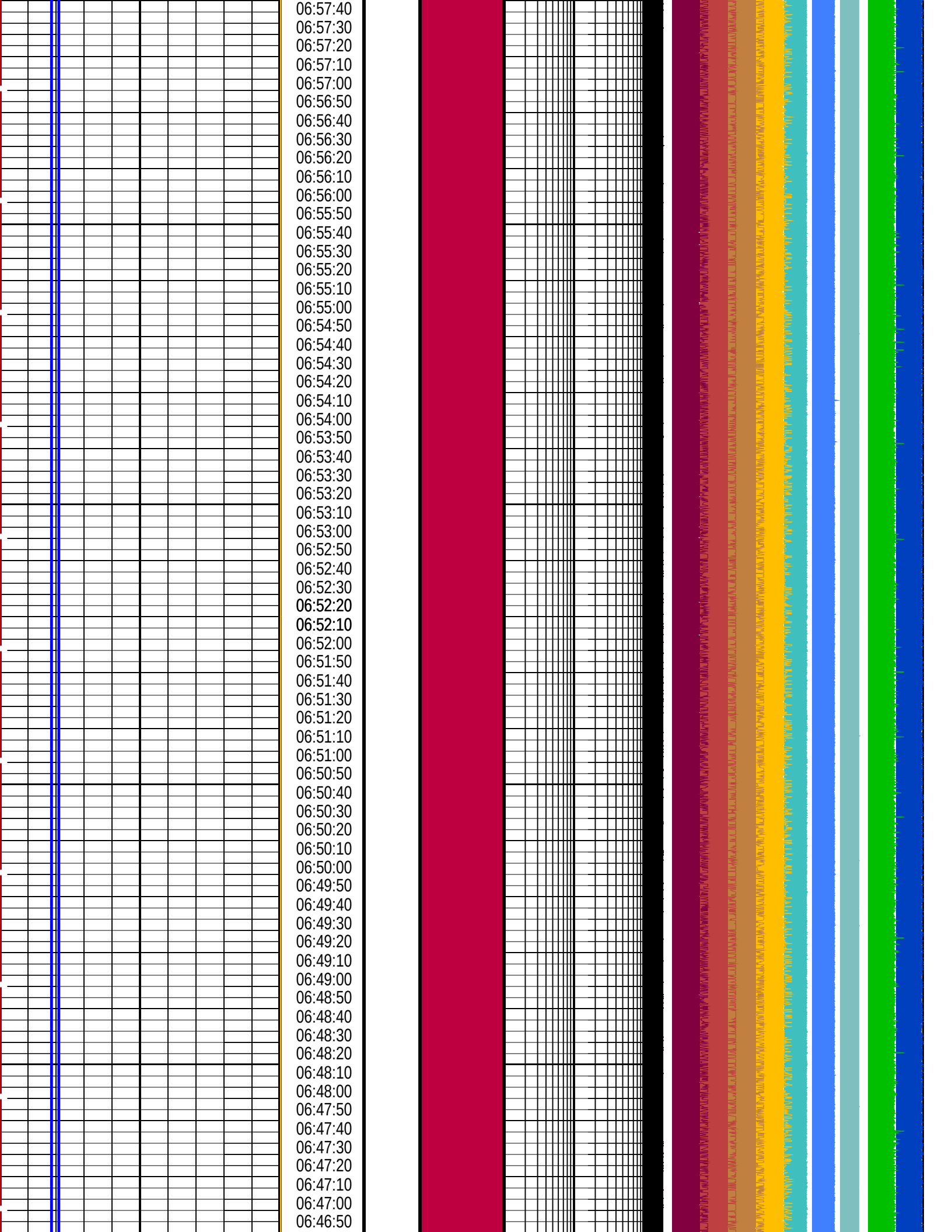

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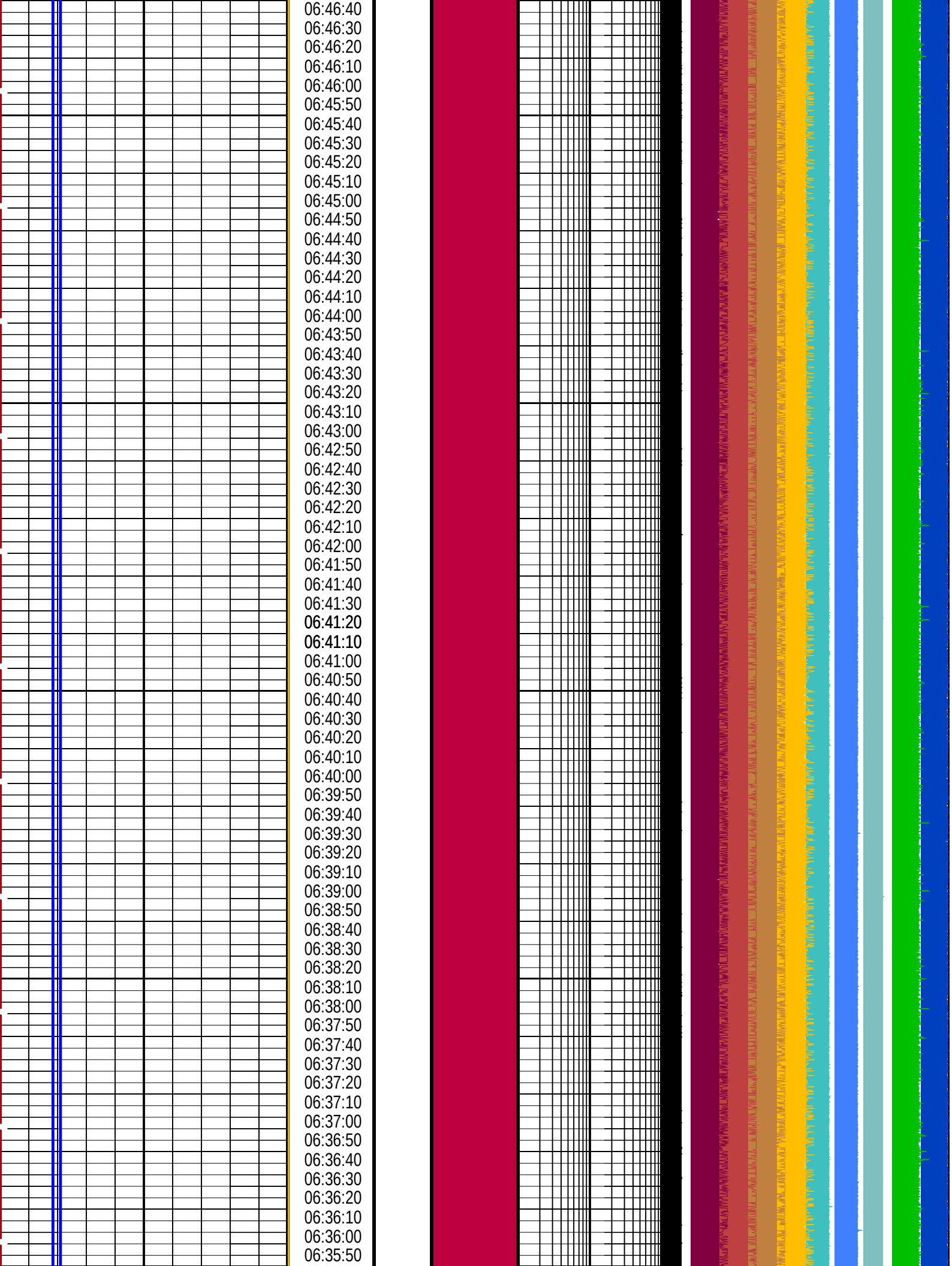

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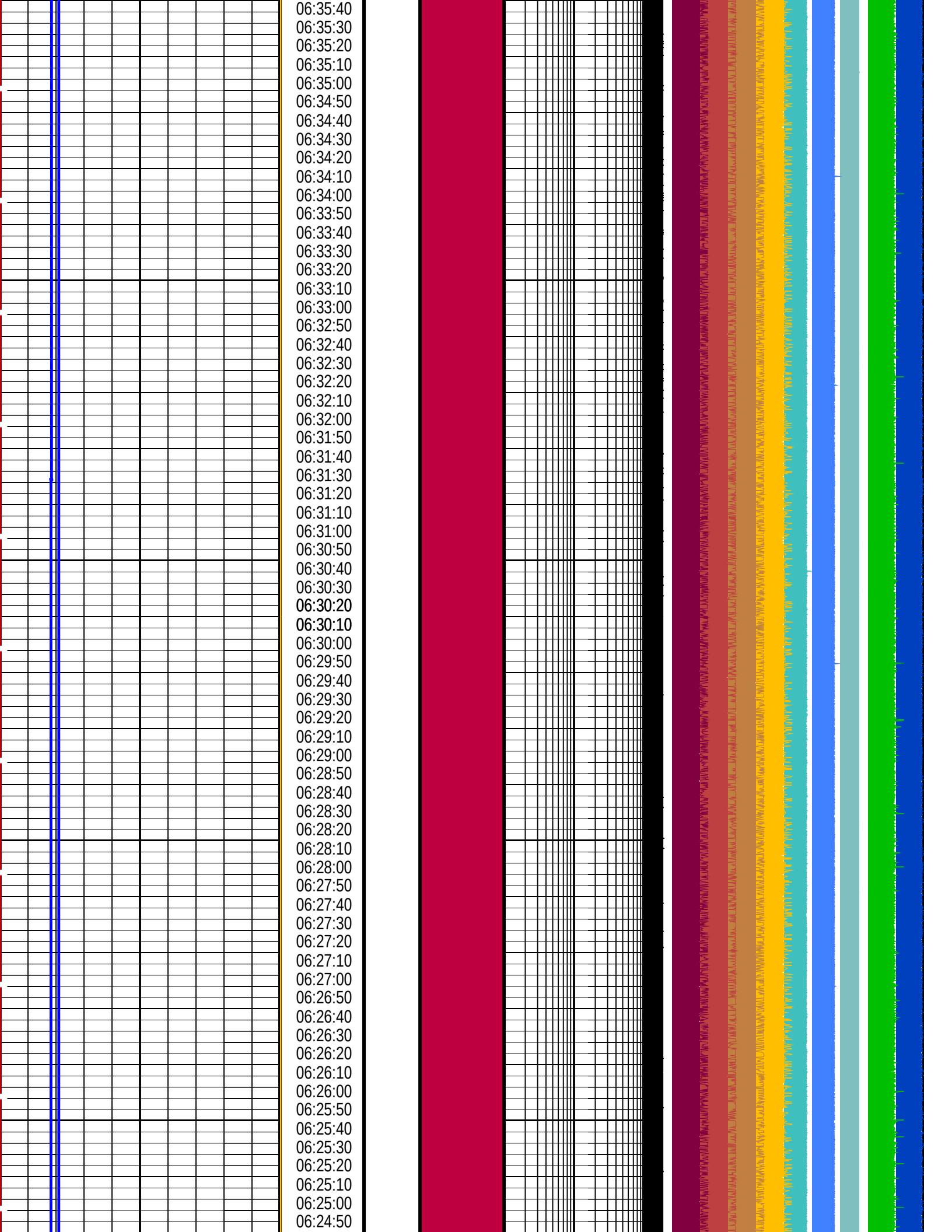

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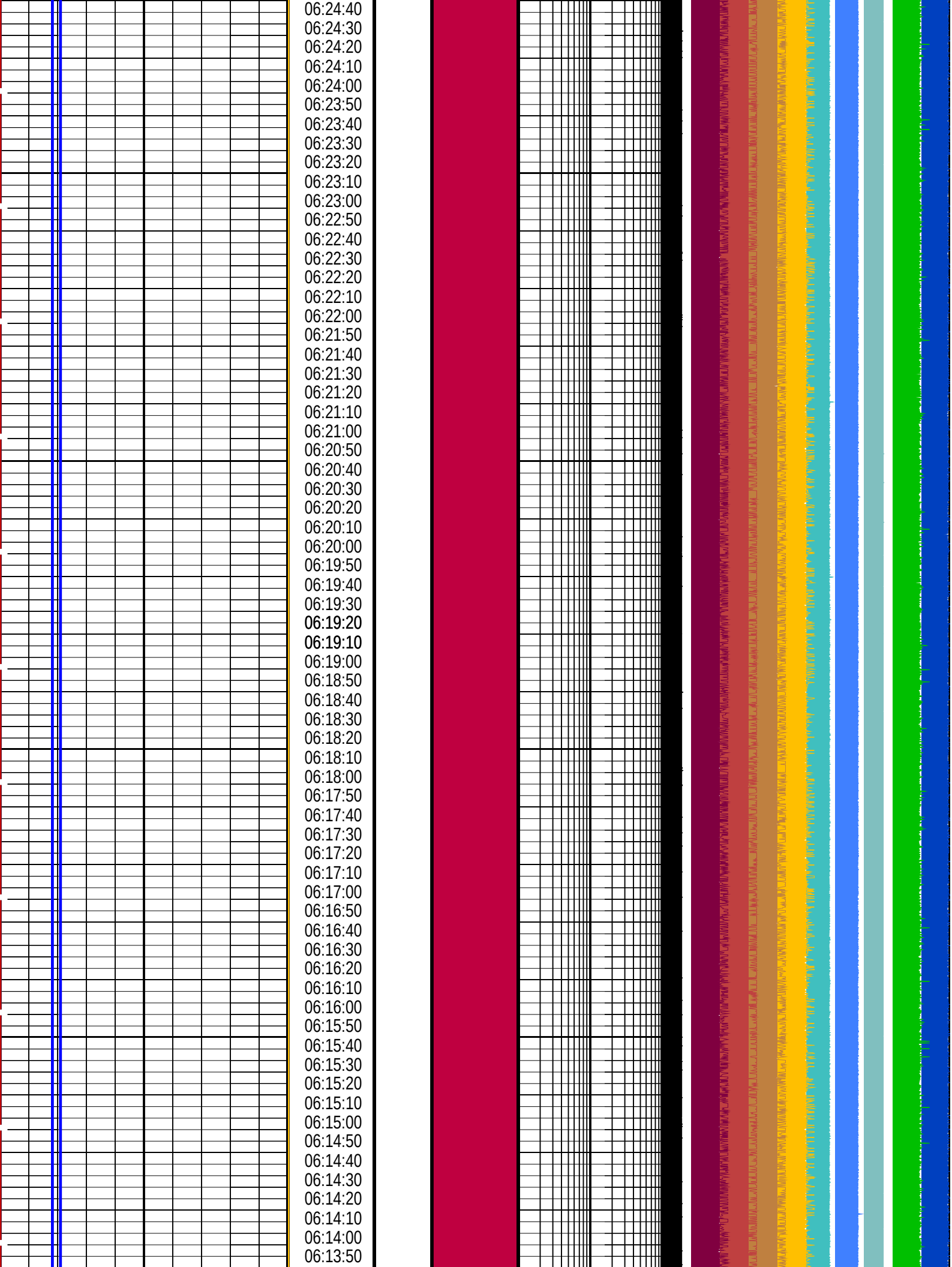

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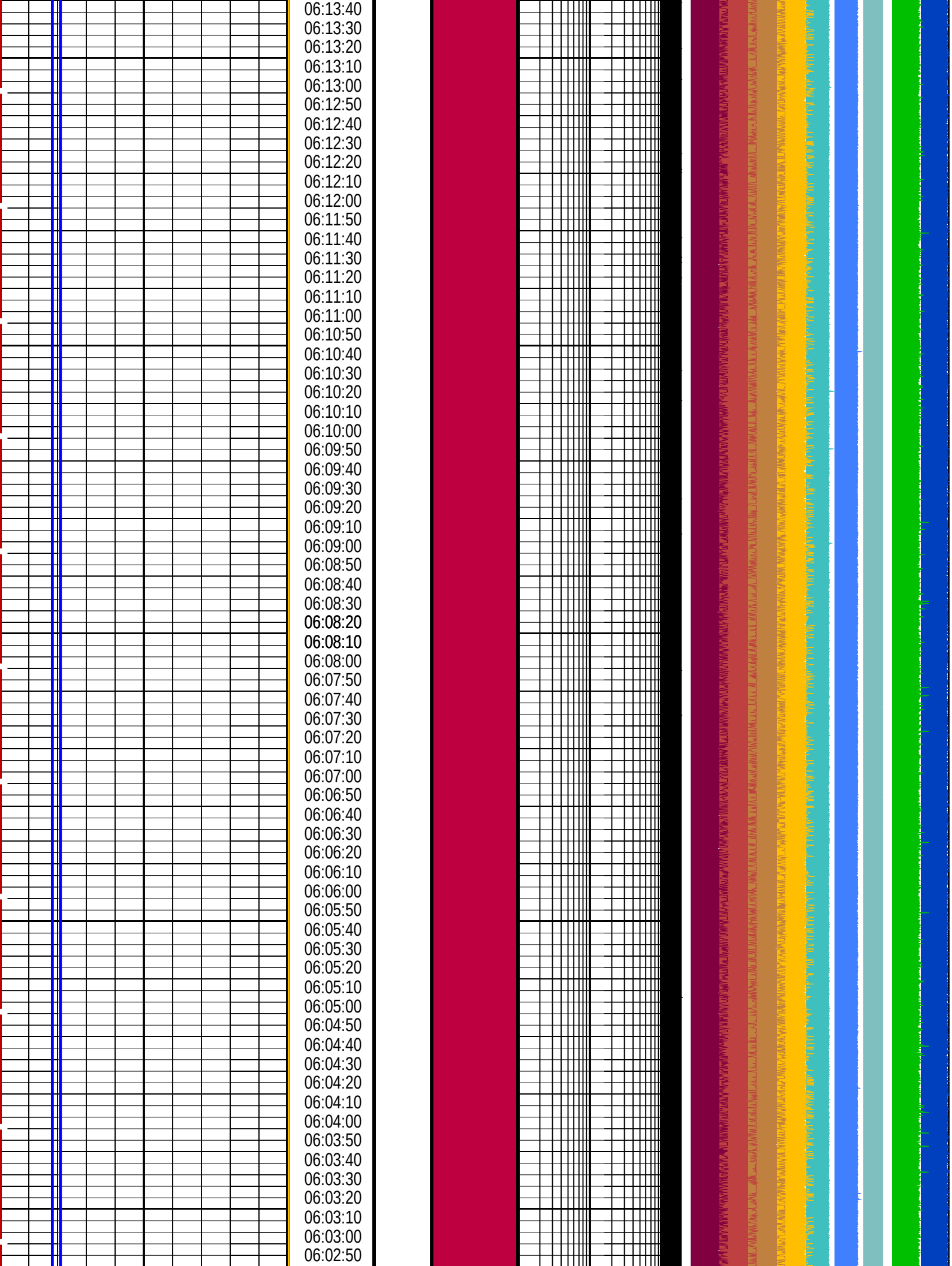

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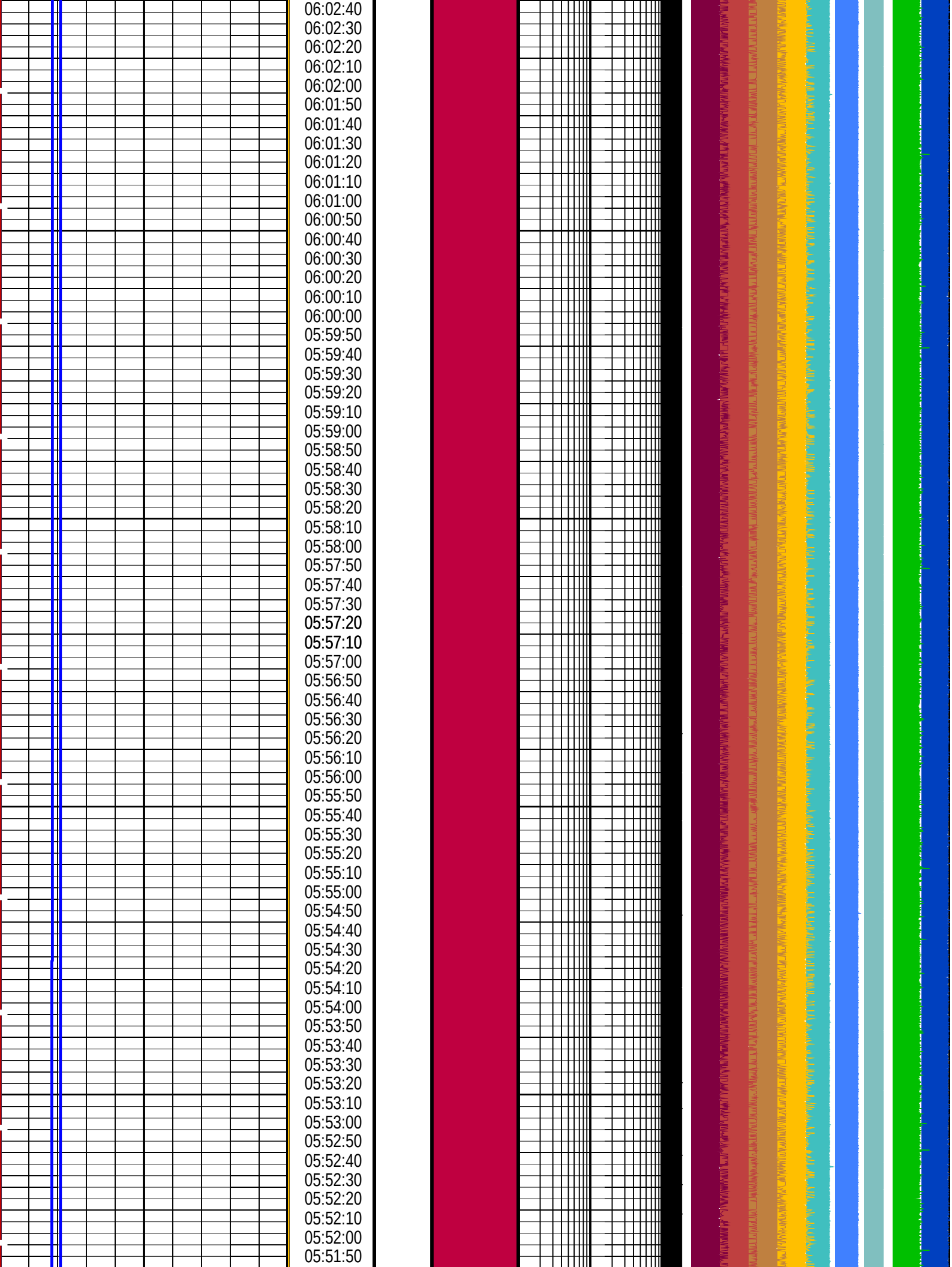

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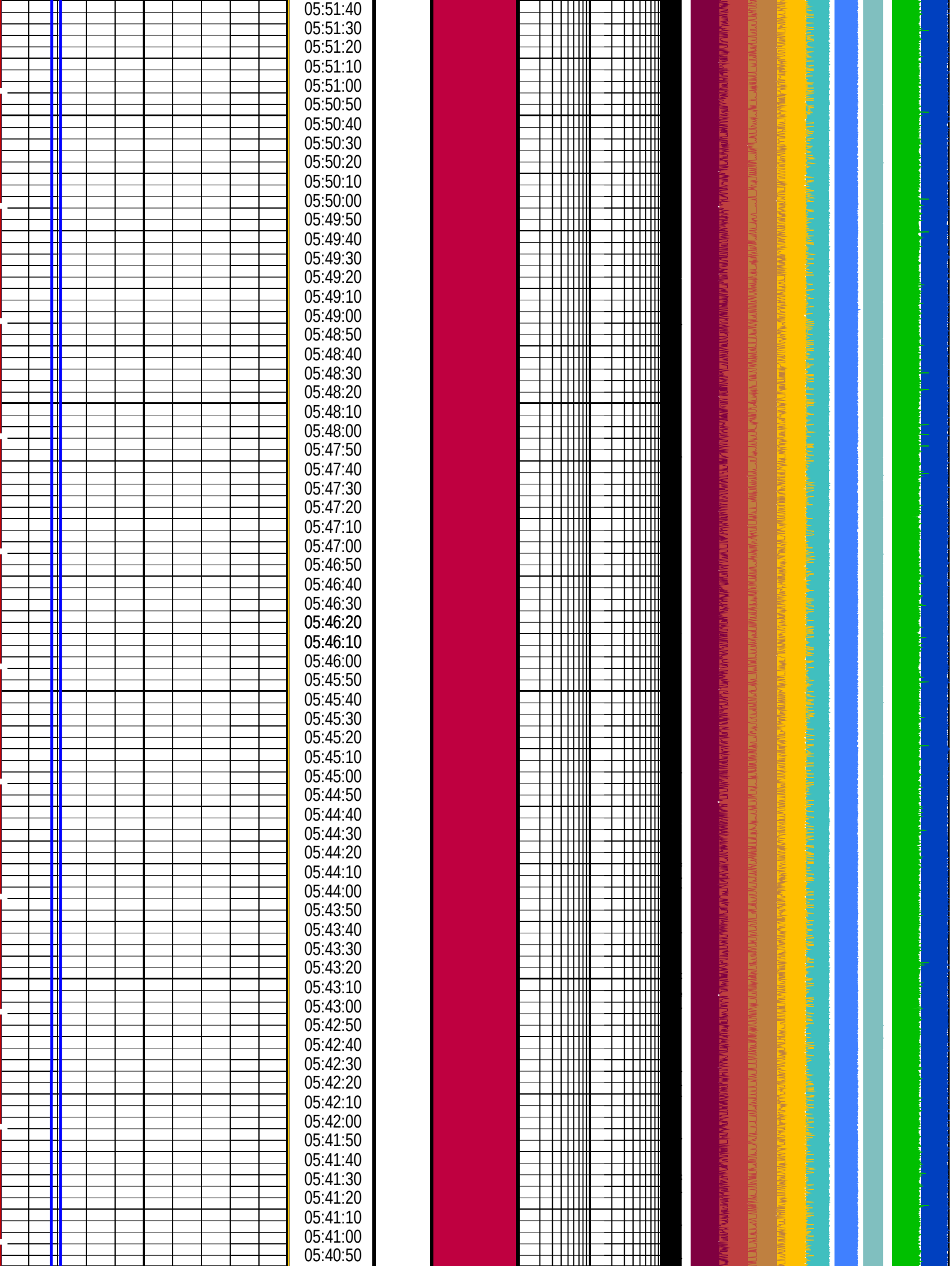

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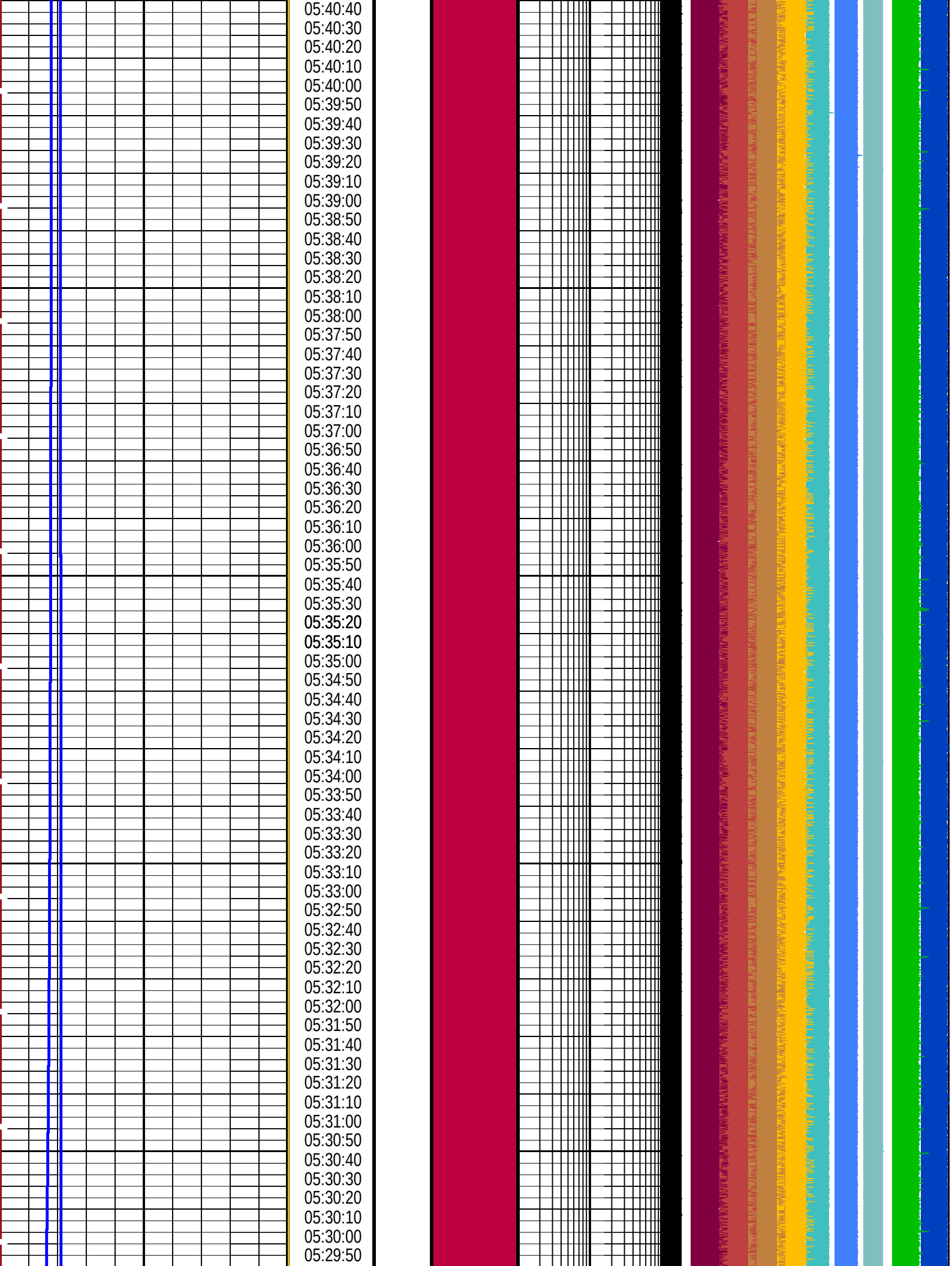

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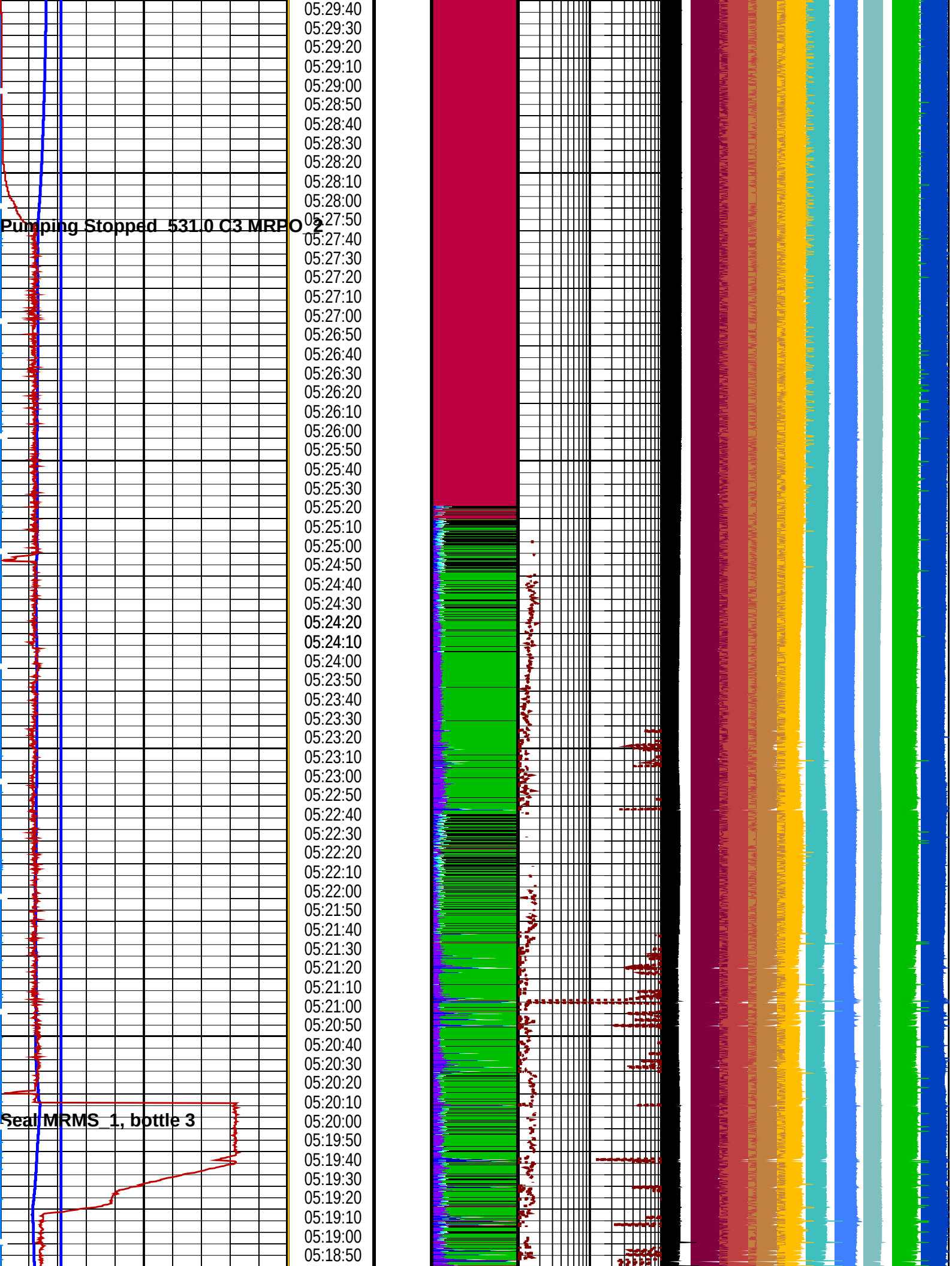

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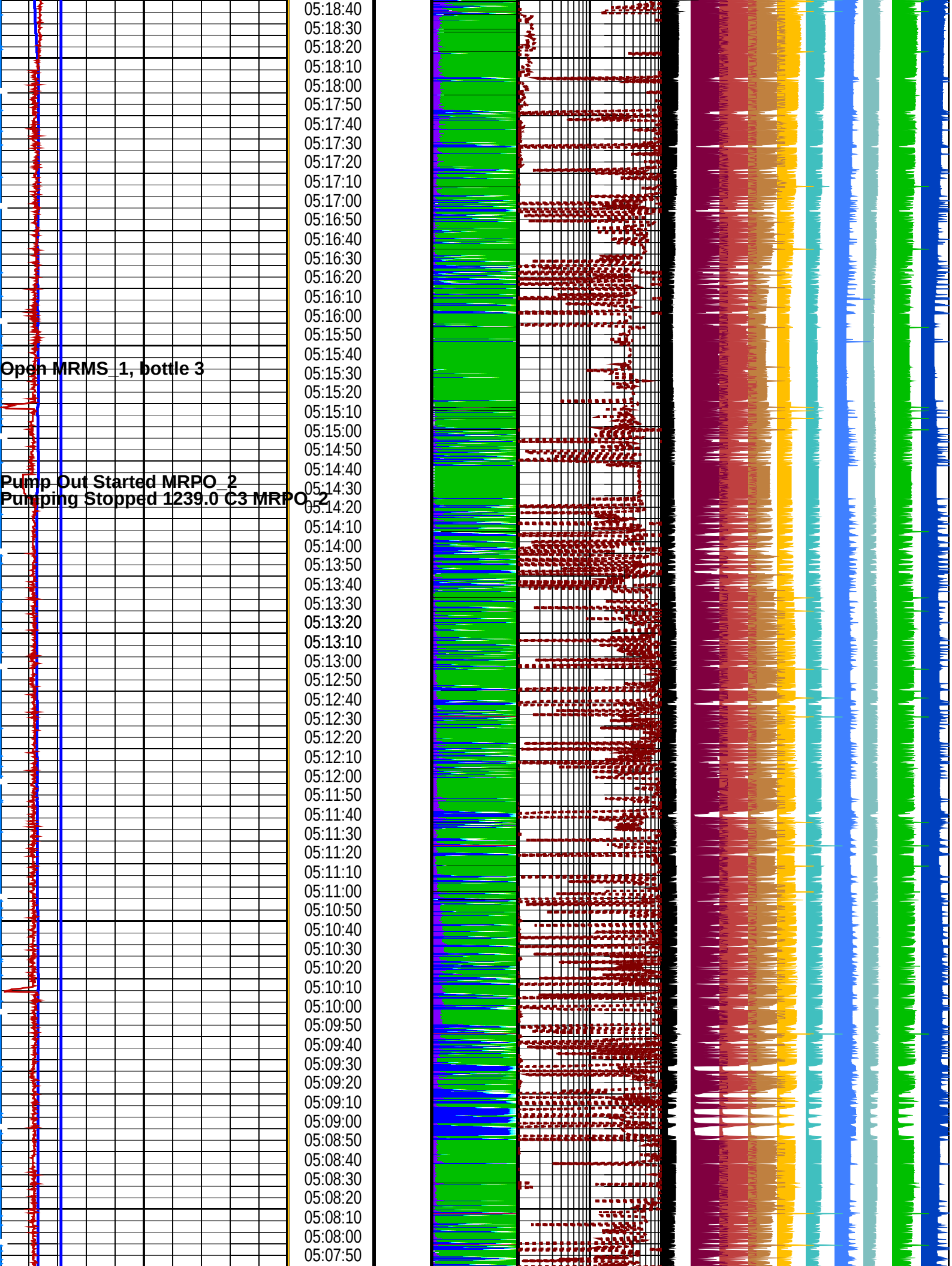

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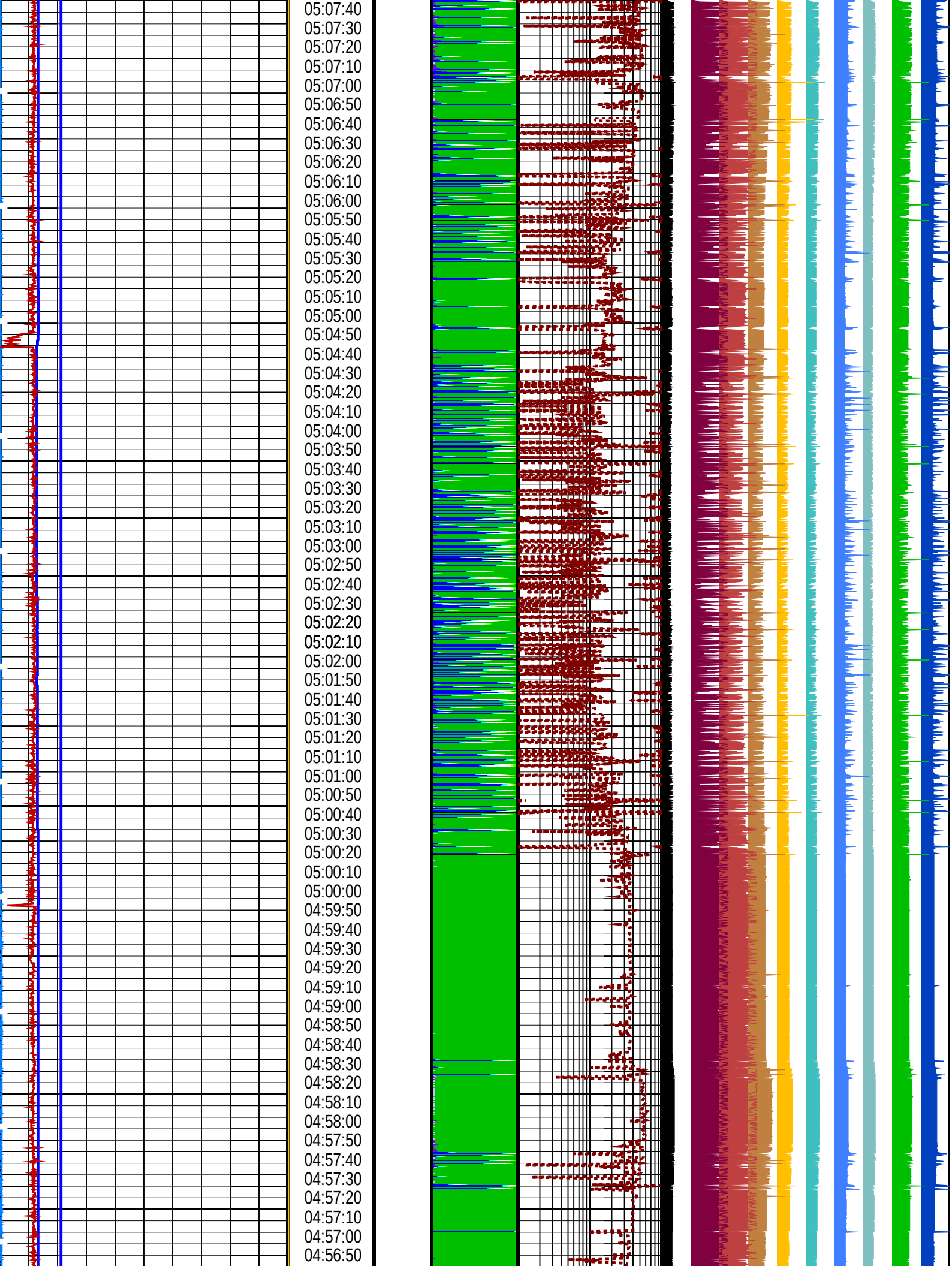

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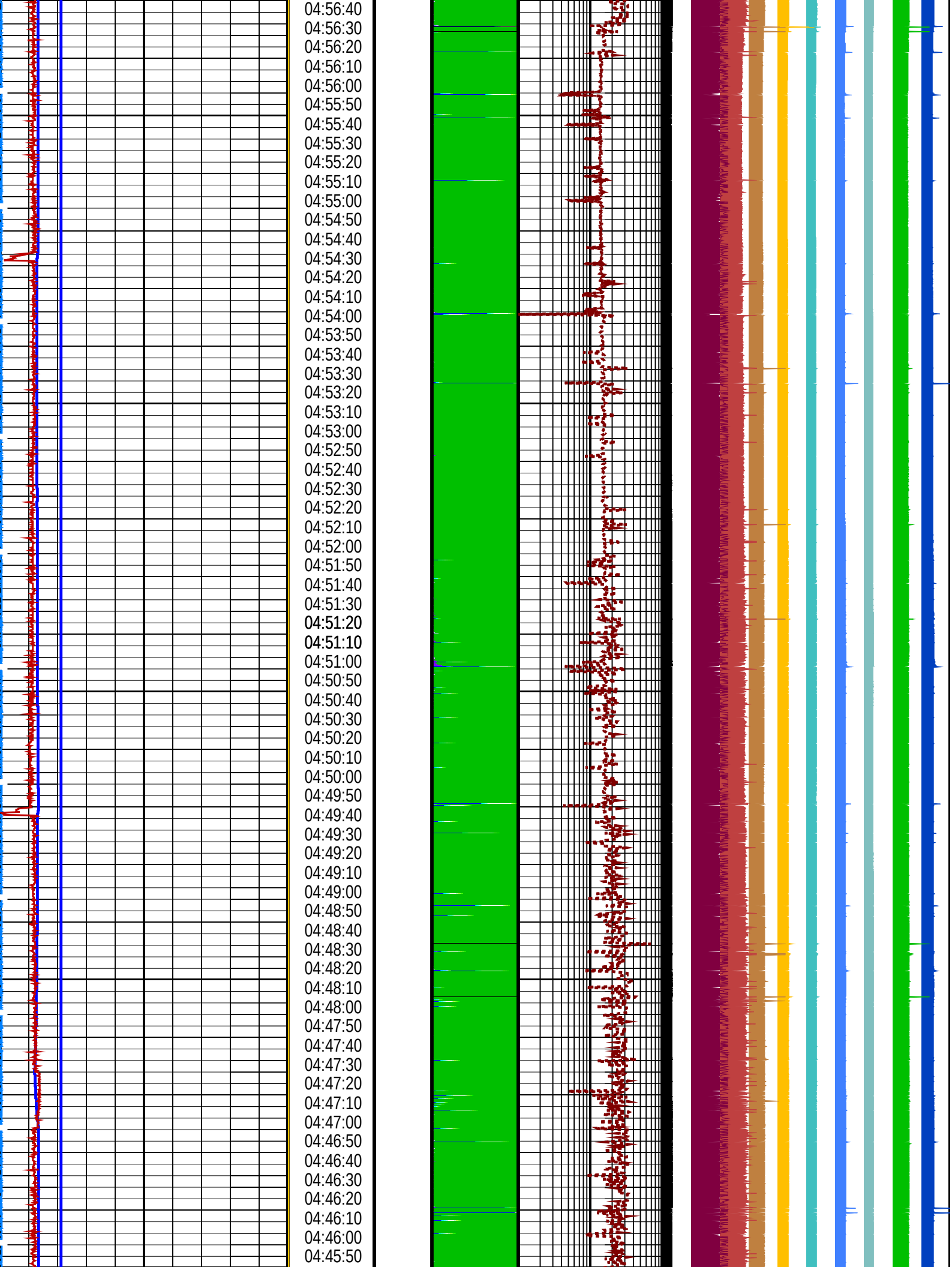

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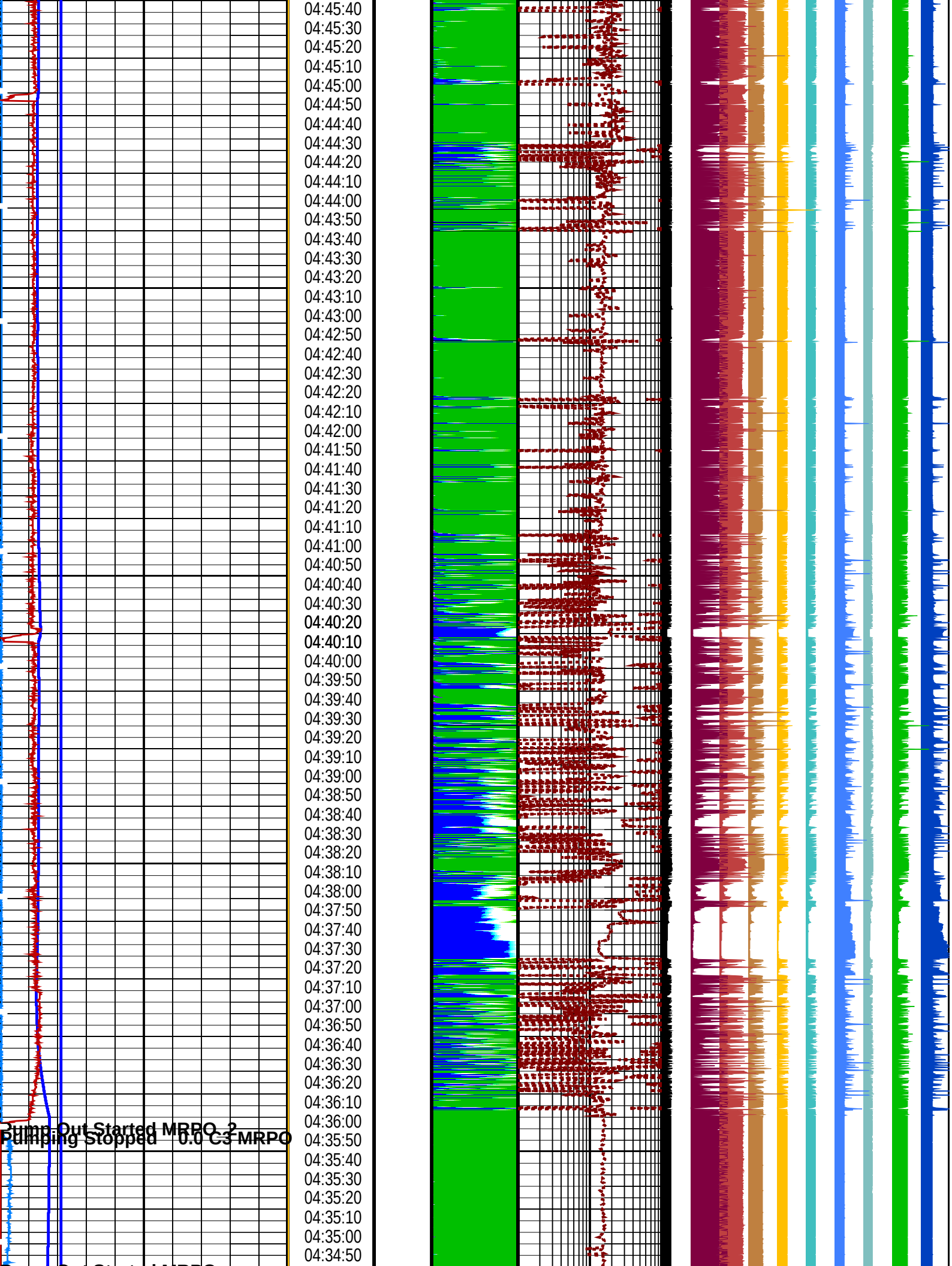

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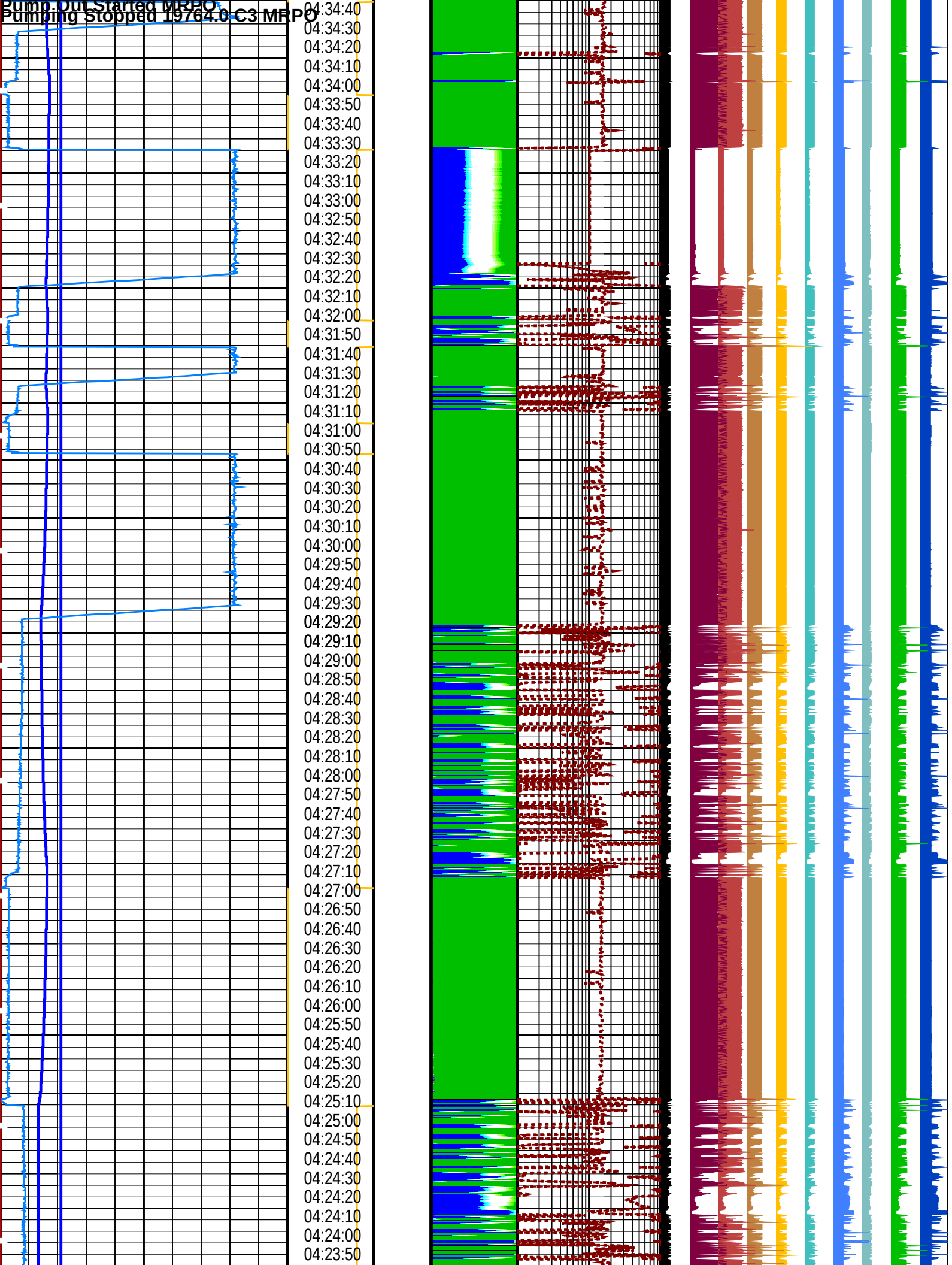

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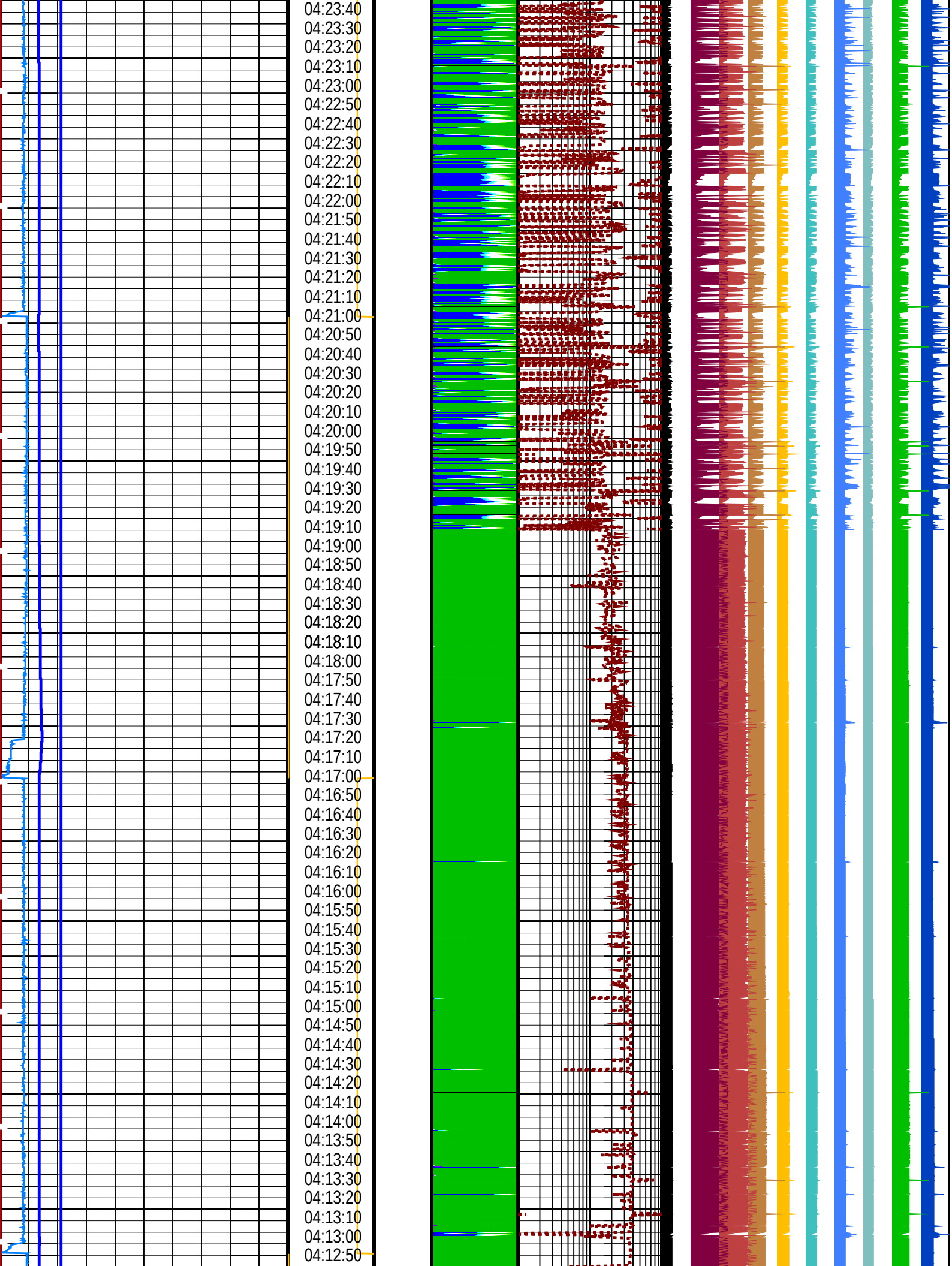

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Open MRMS_1, bottle 3
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Pump Out Started MRPO_2
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Pumping Stopped 1239.0 C3 MRPO_2
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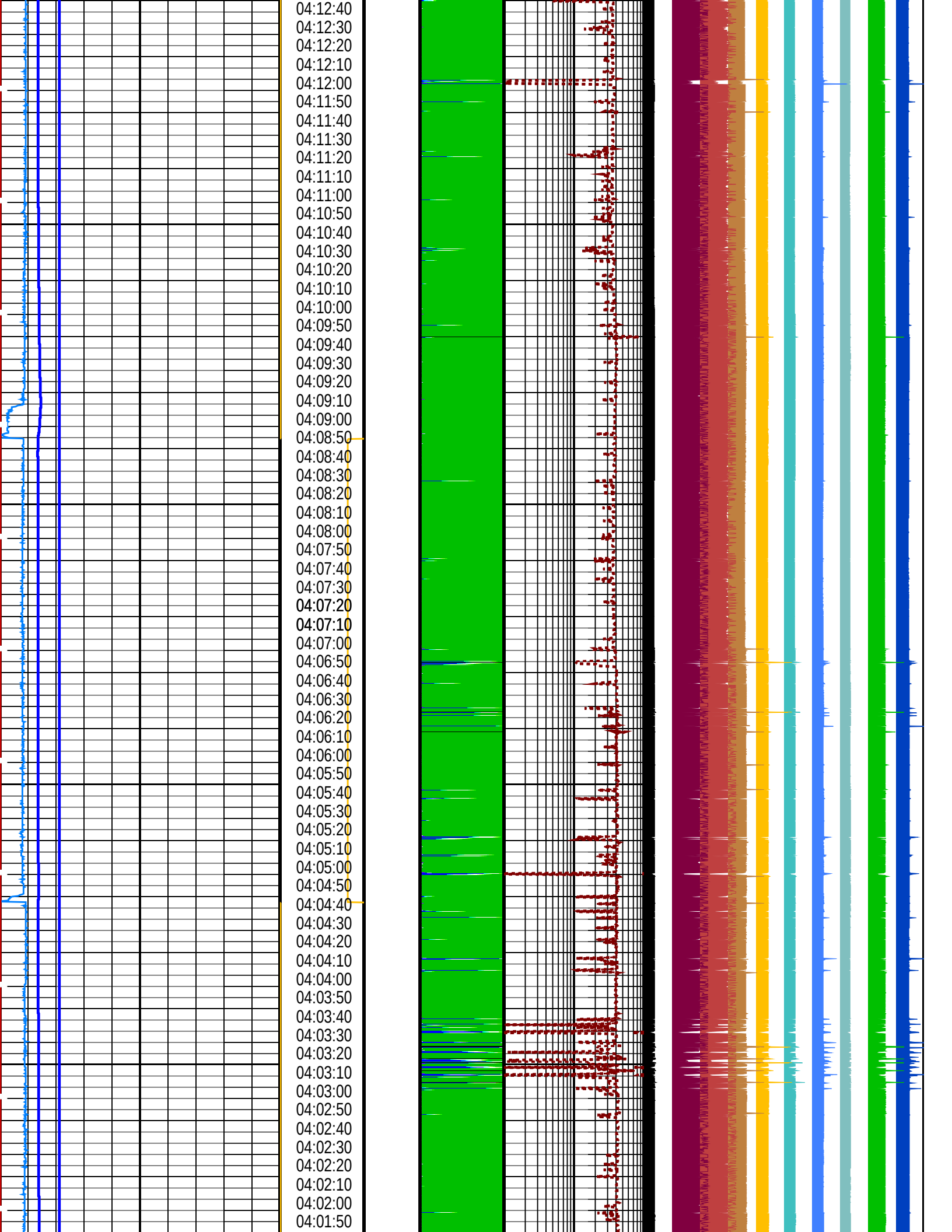

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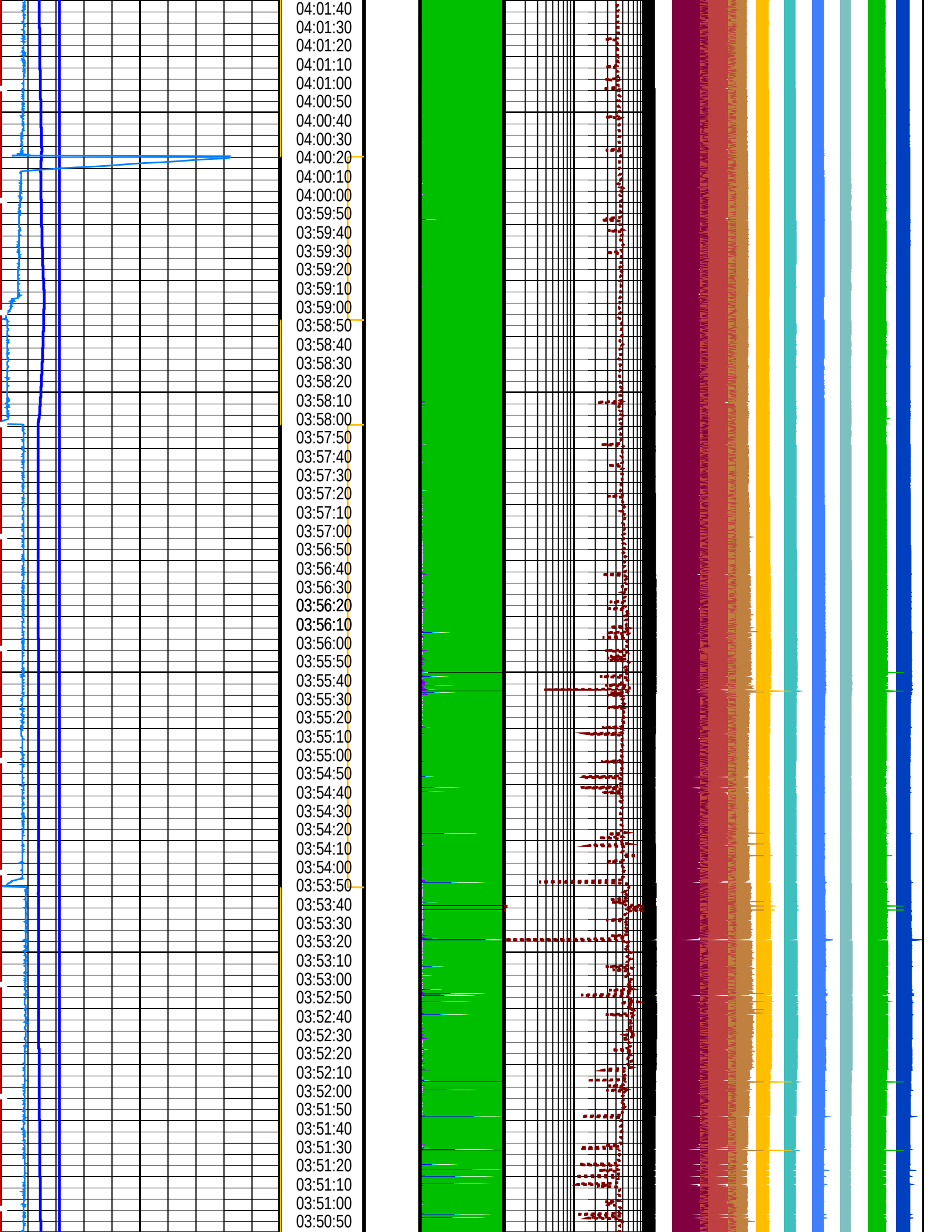

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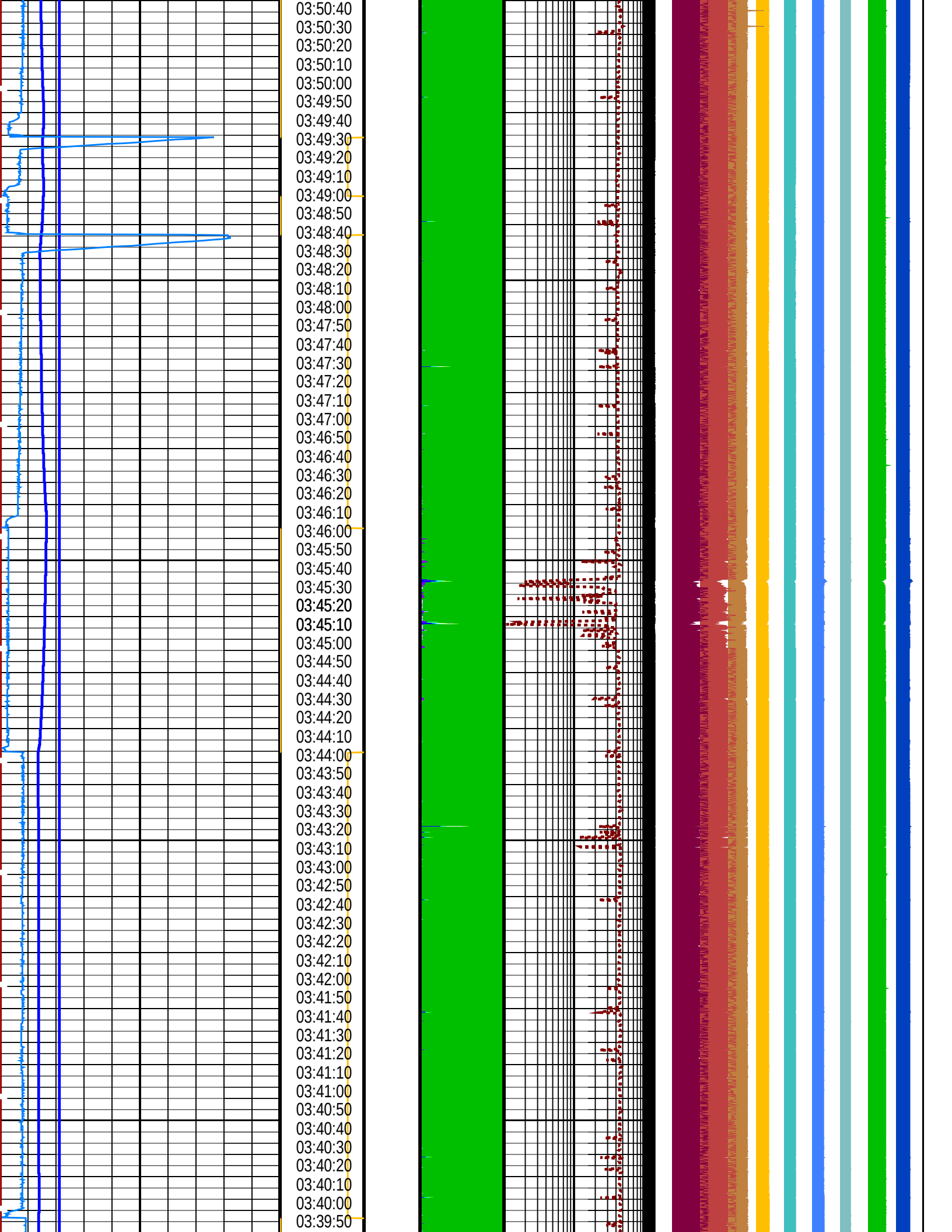

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Pumping Stopped 0.0 C3 MRPO

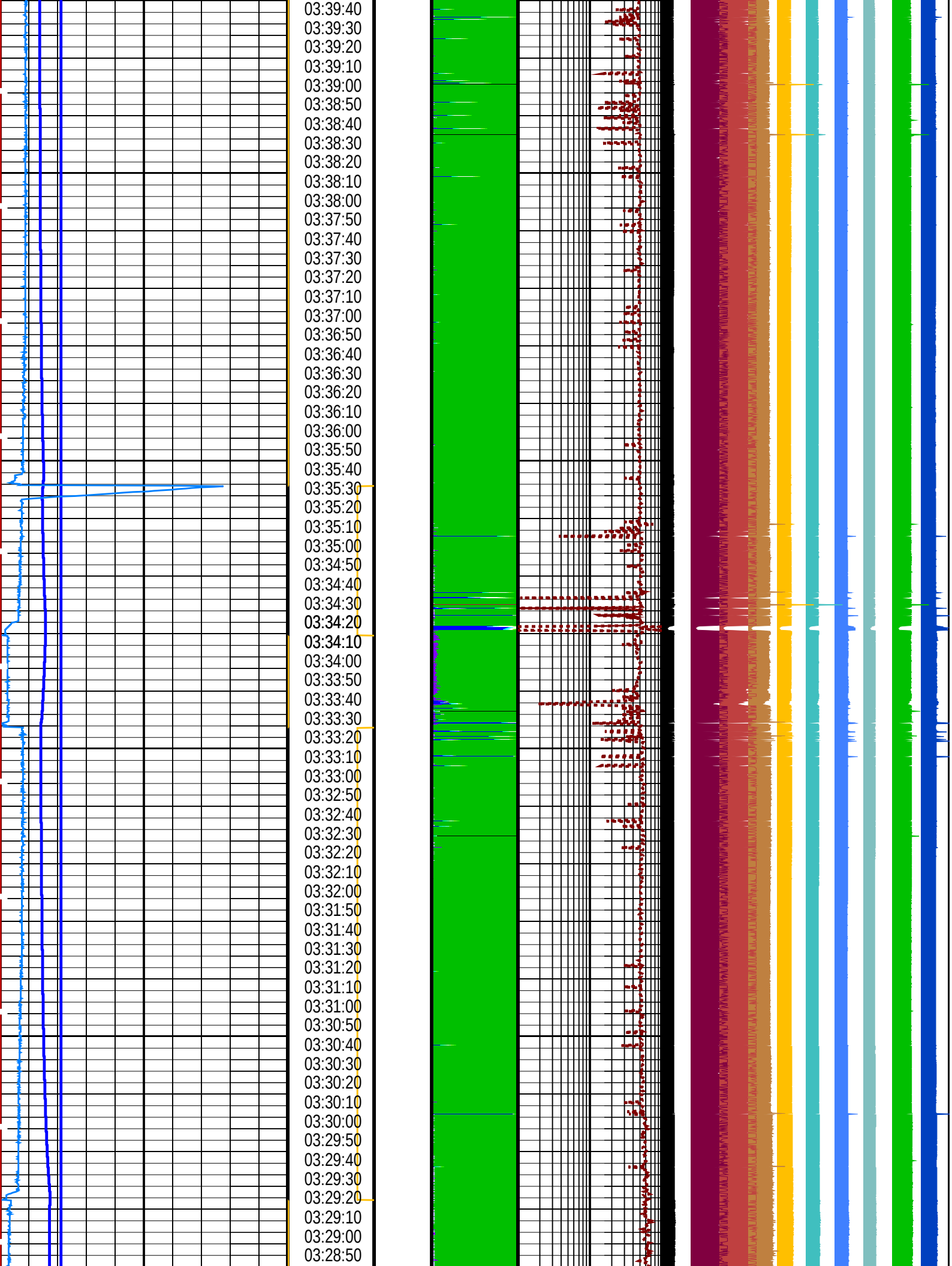

Pump Out Started MRPO
Pumping Stopped 19764.0 C3 MRPO
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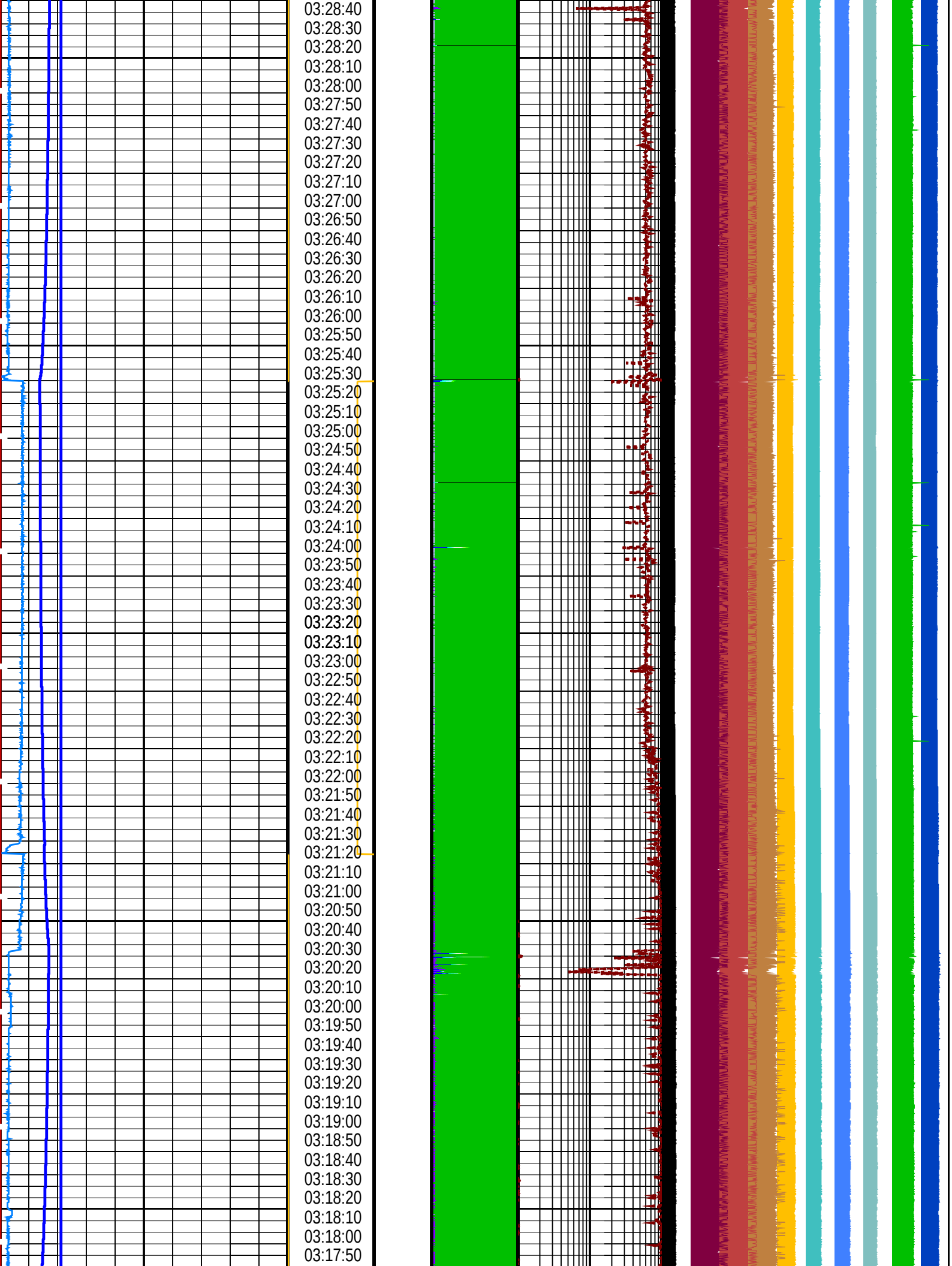

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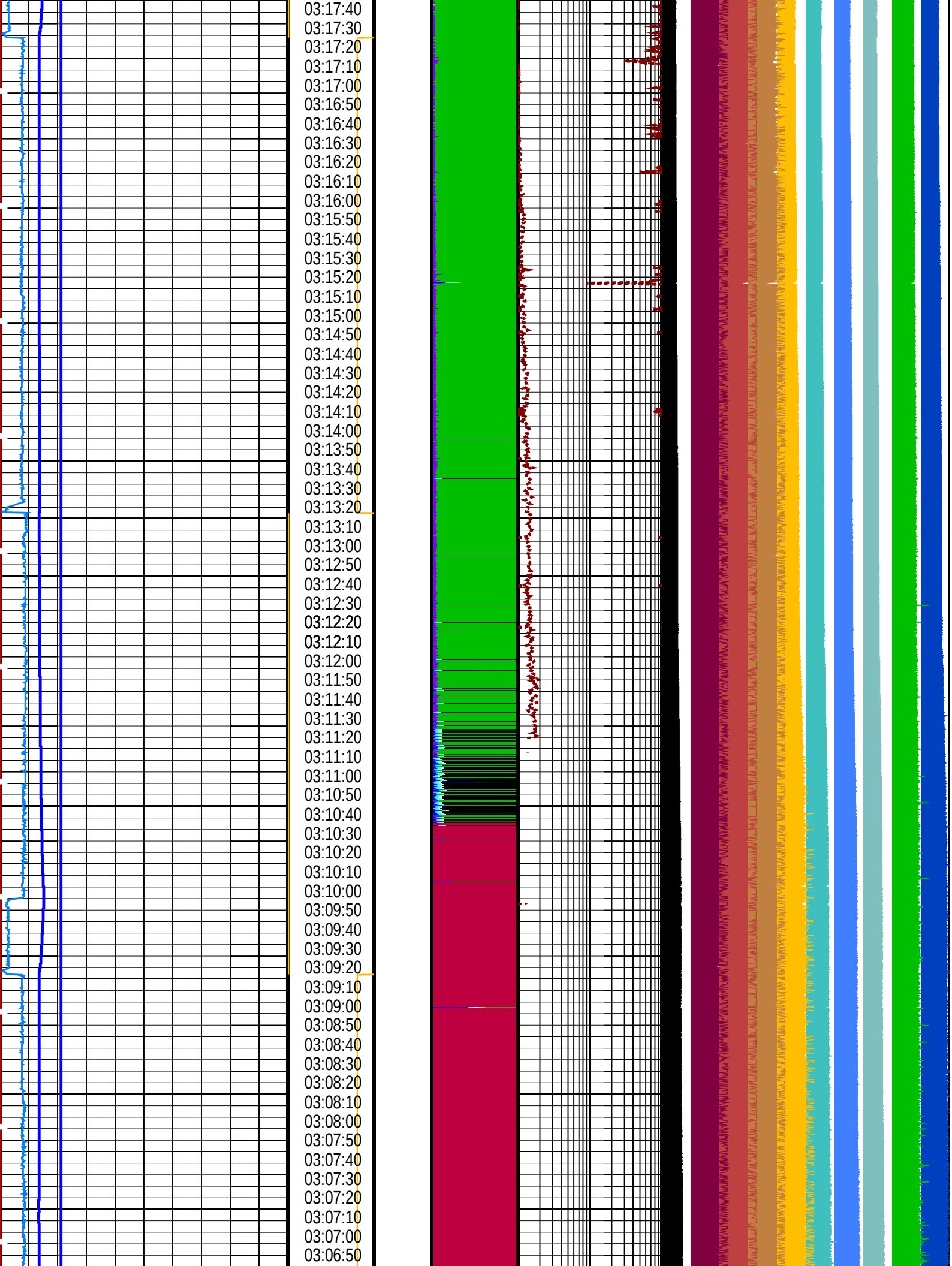

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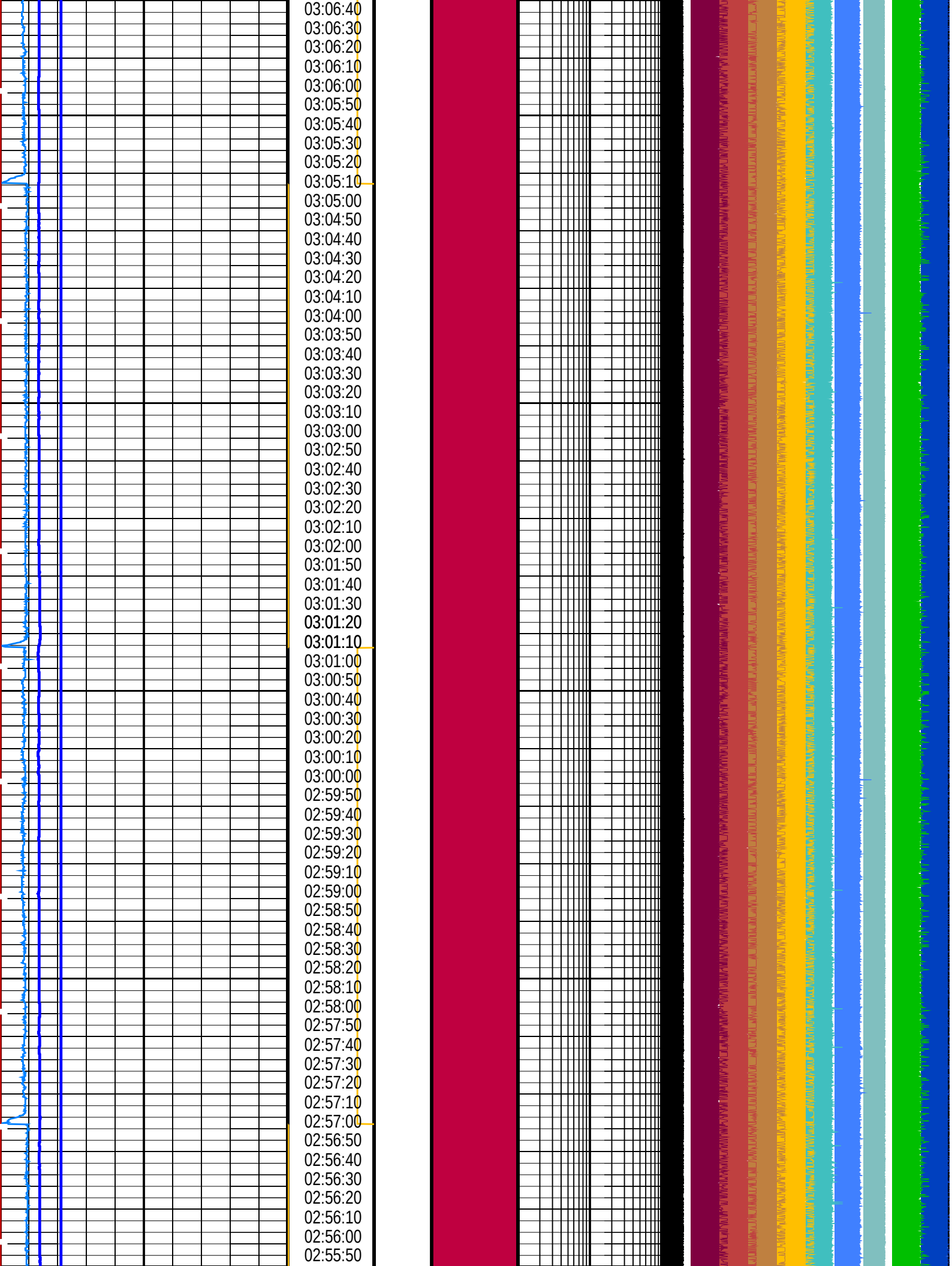

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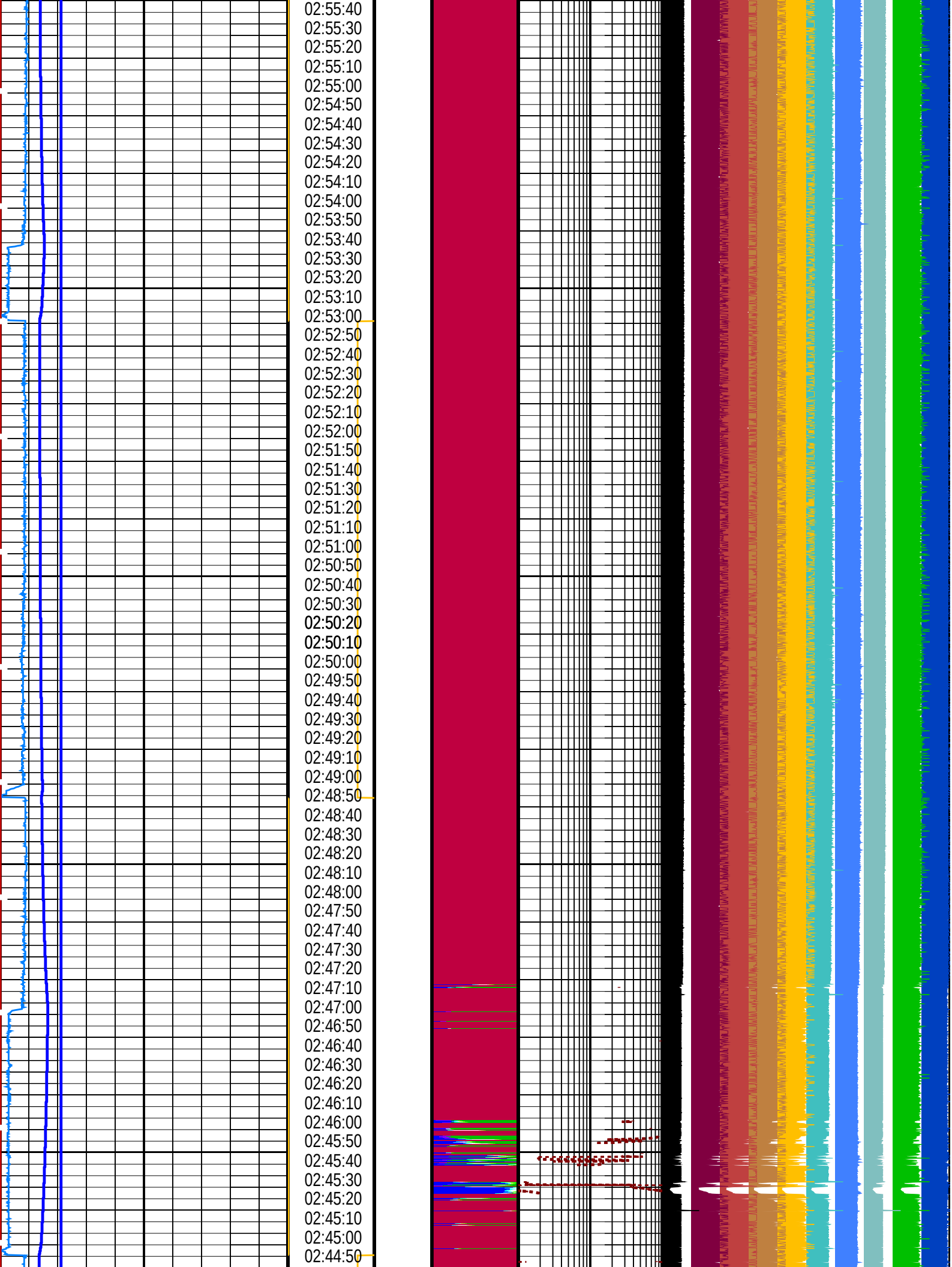

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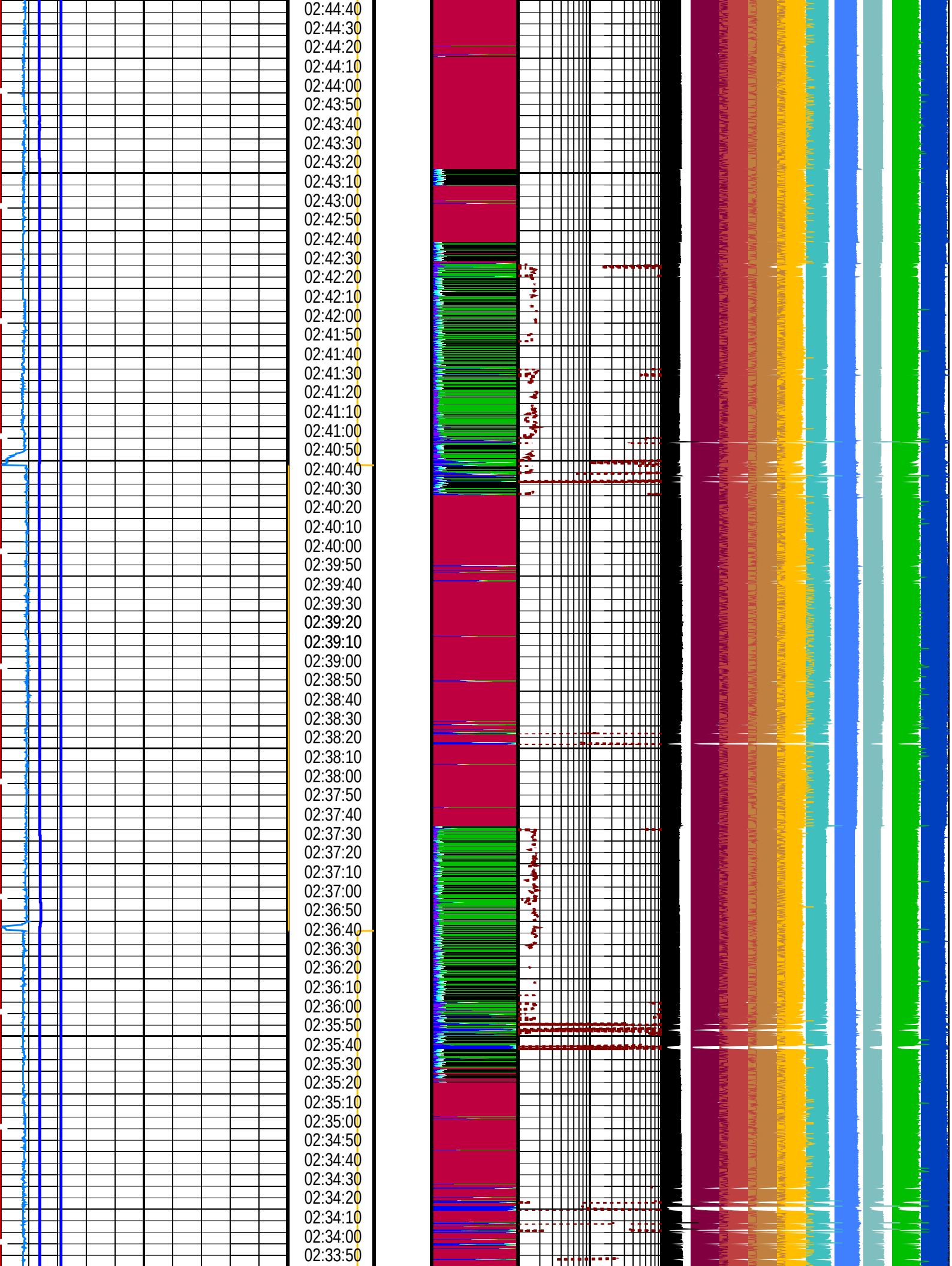

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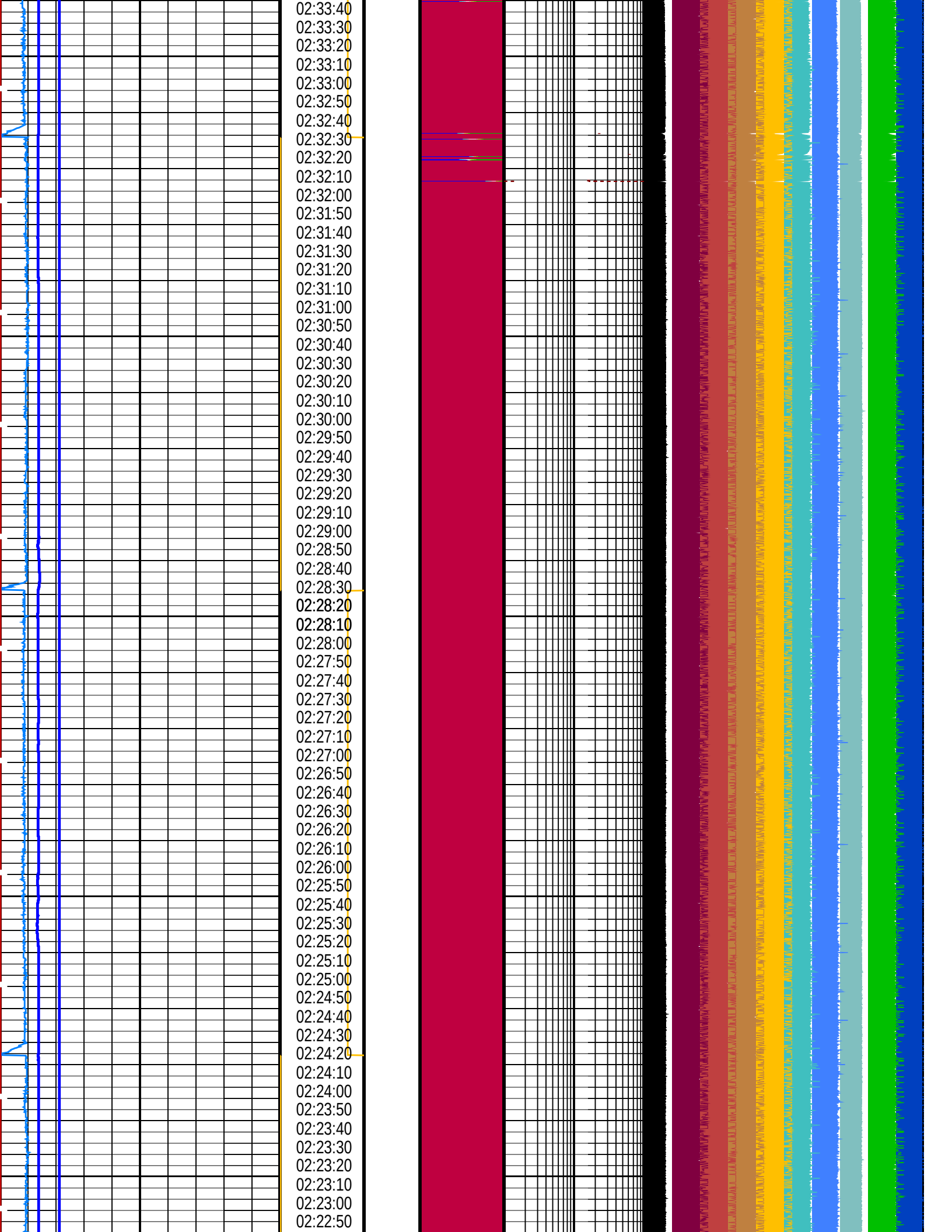

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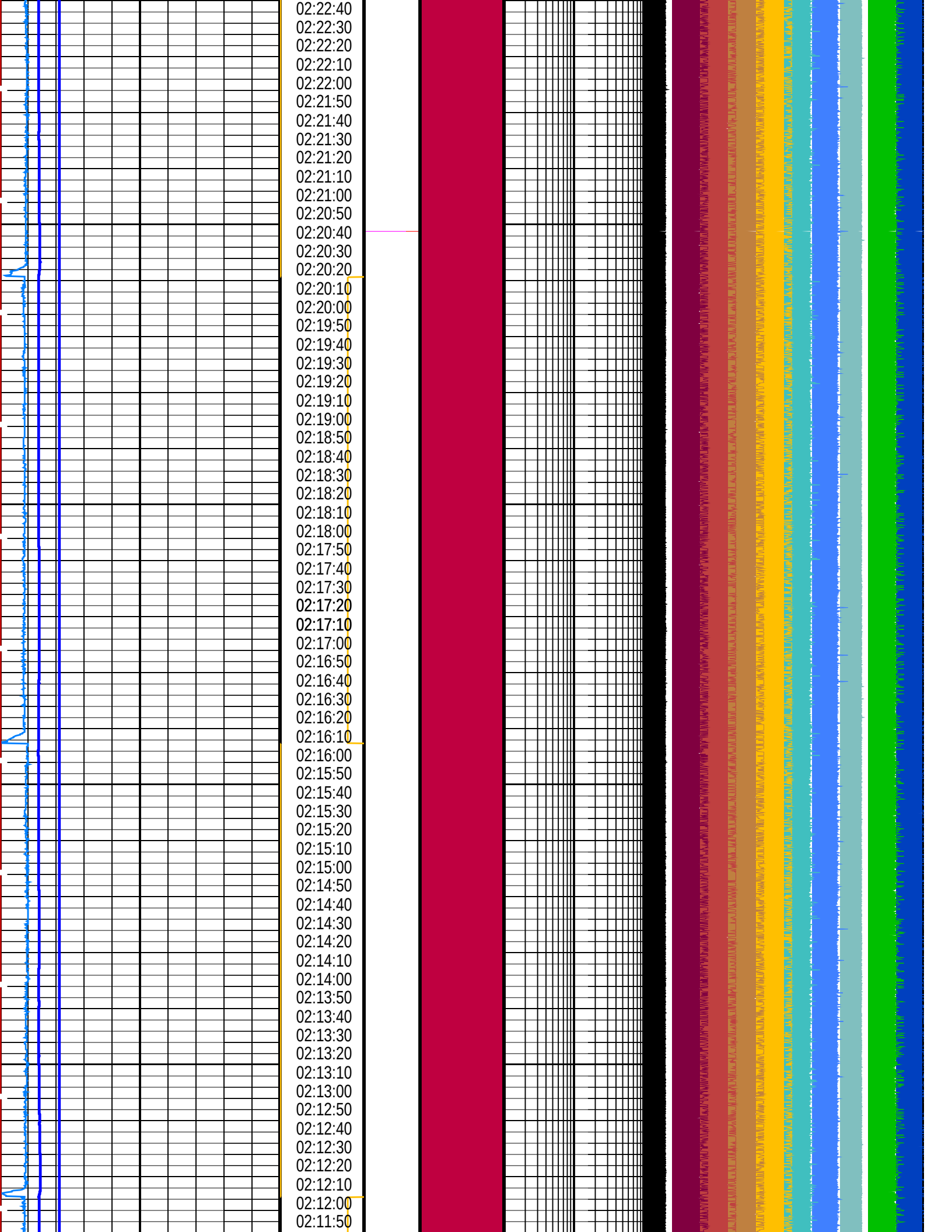

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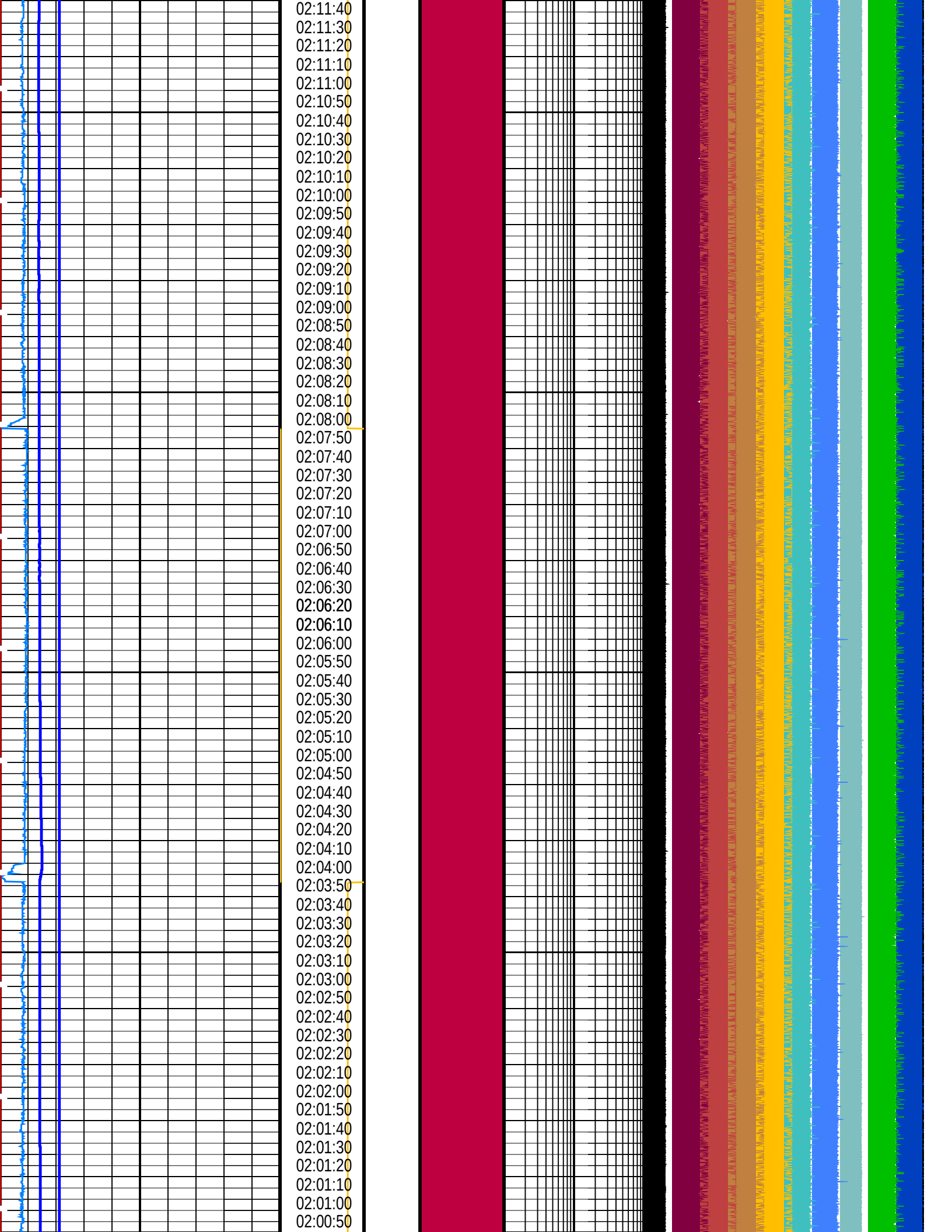

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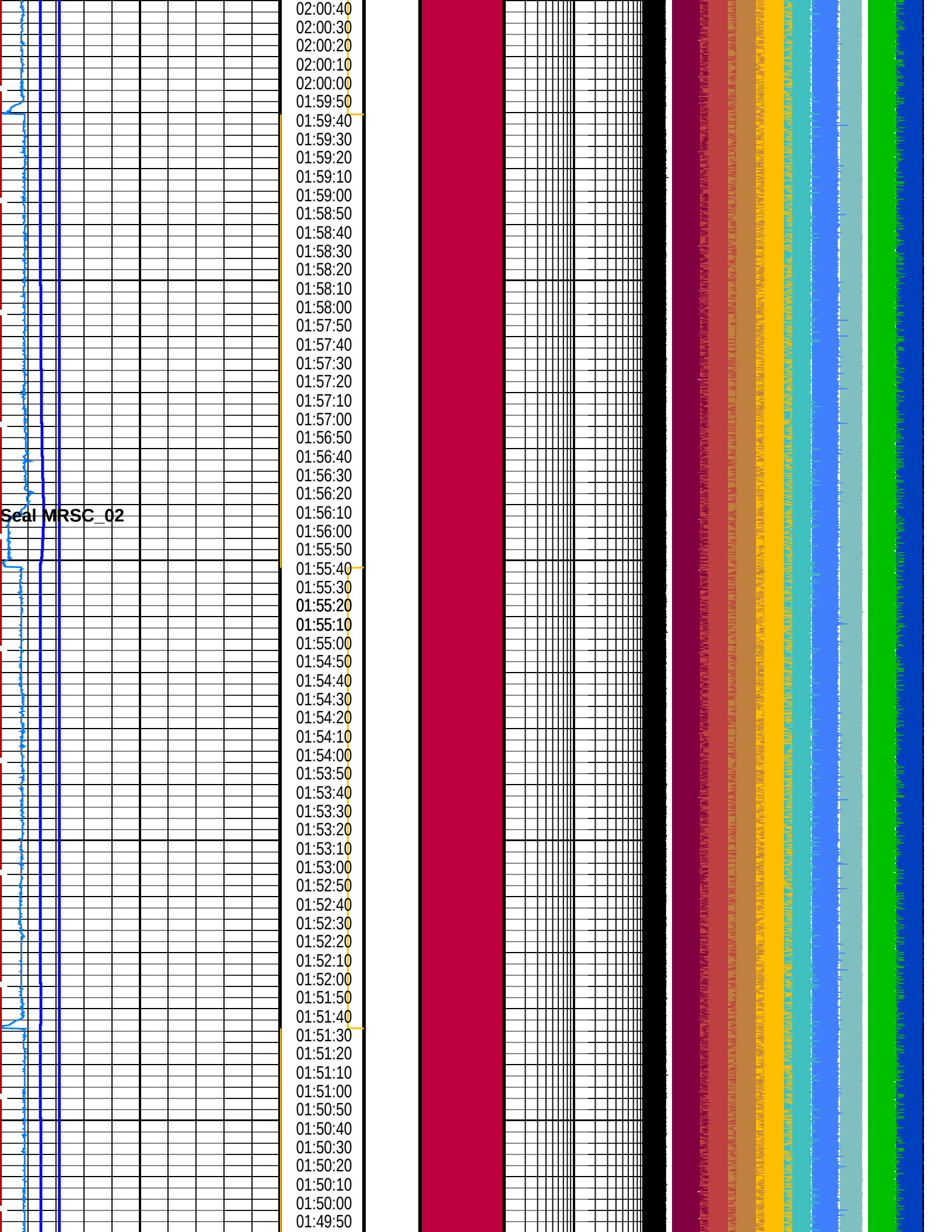

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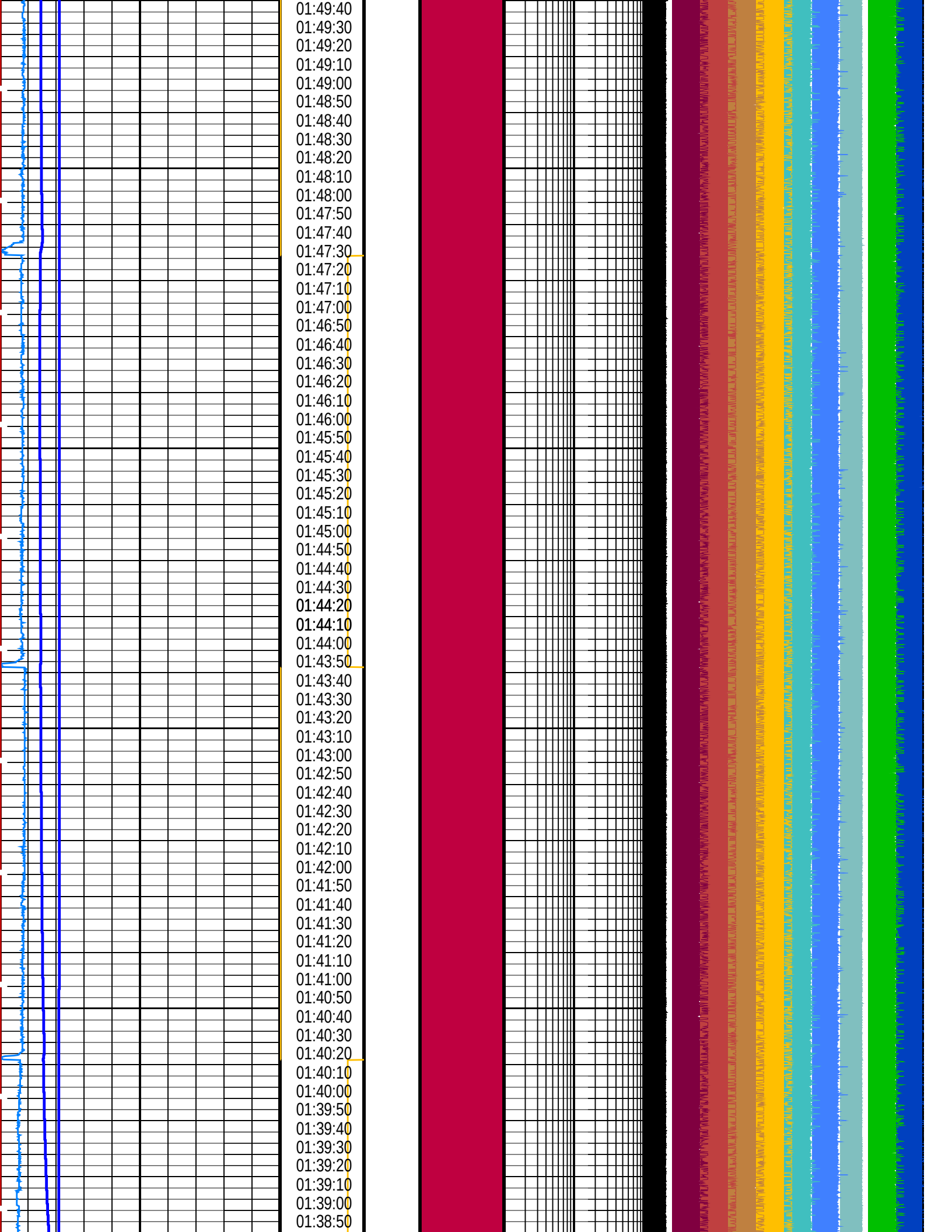

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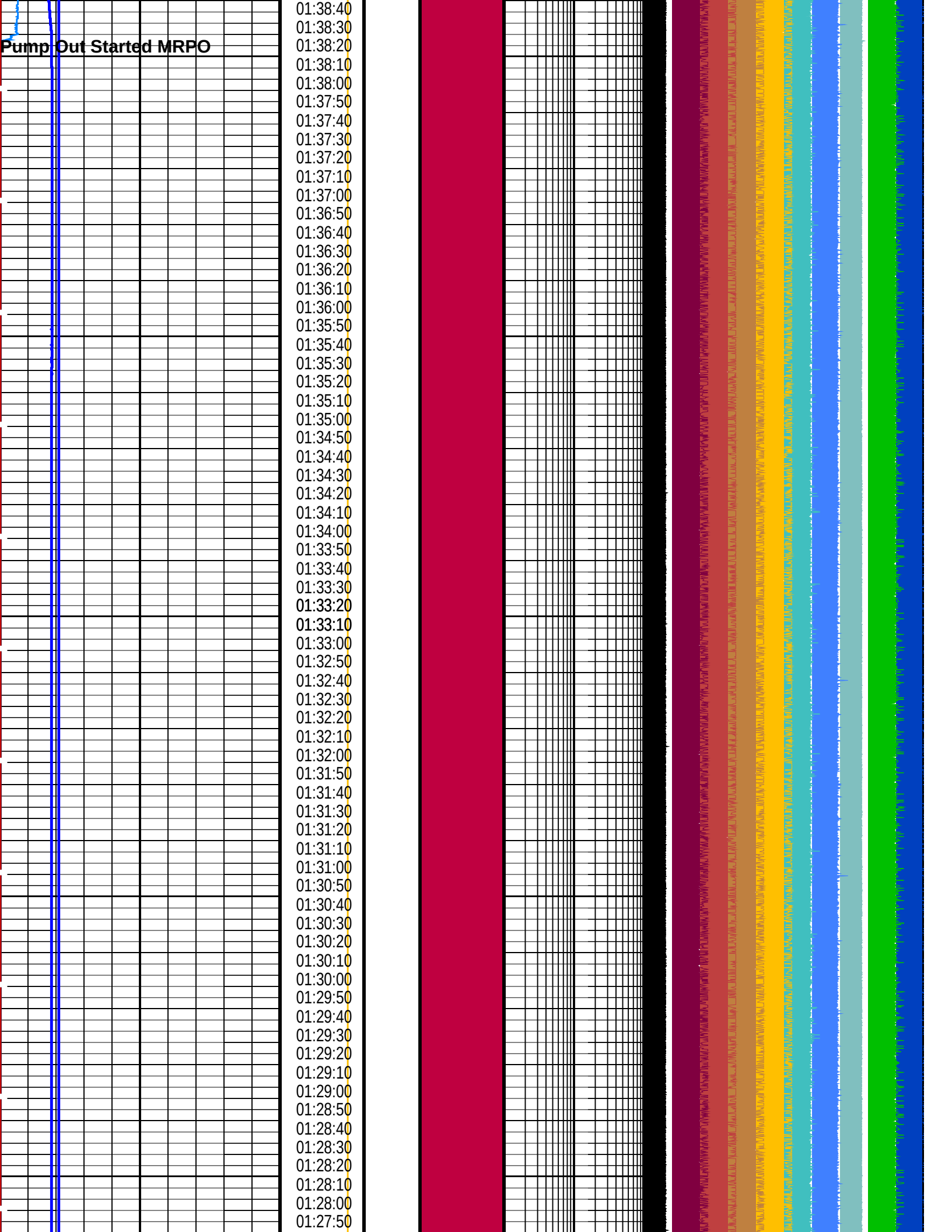

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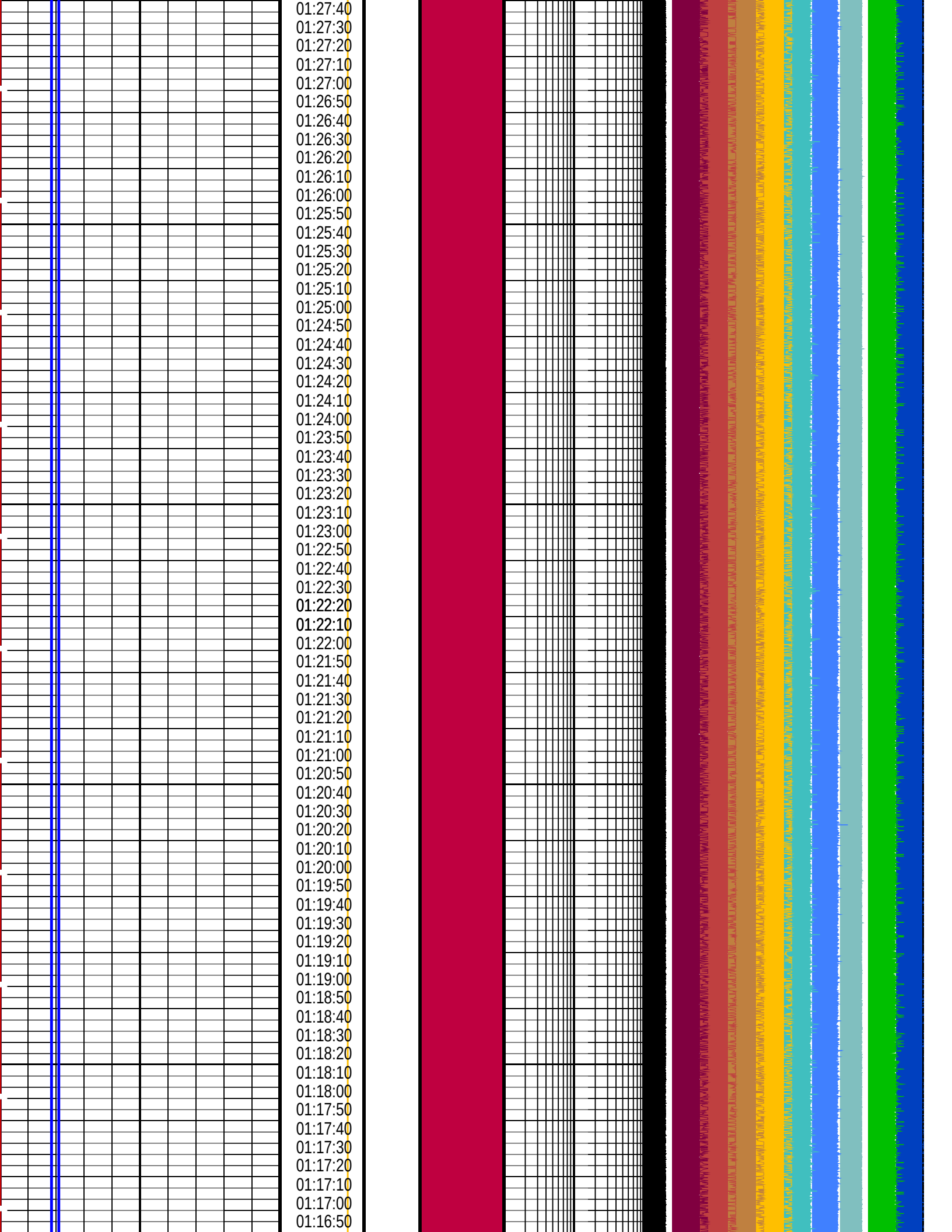

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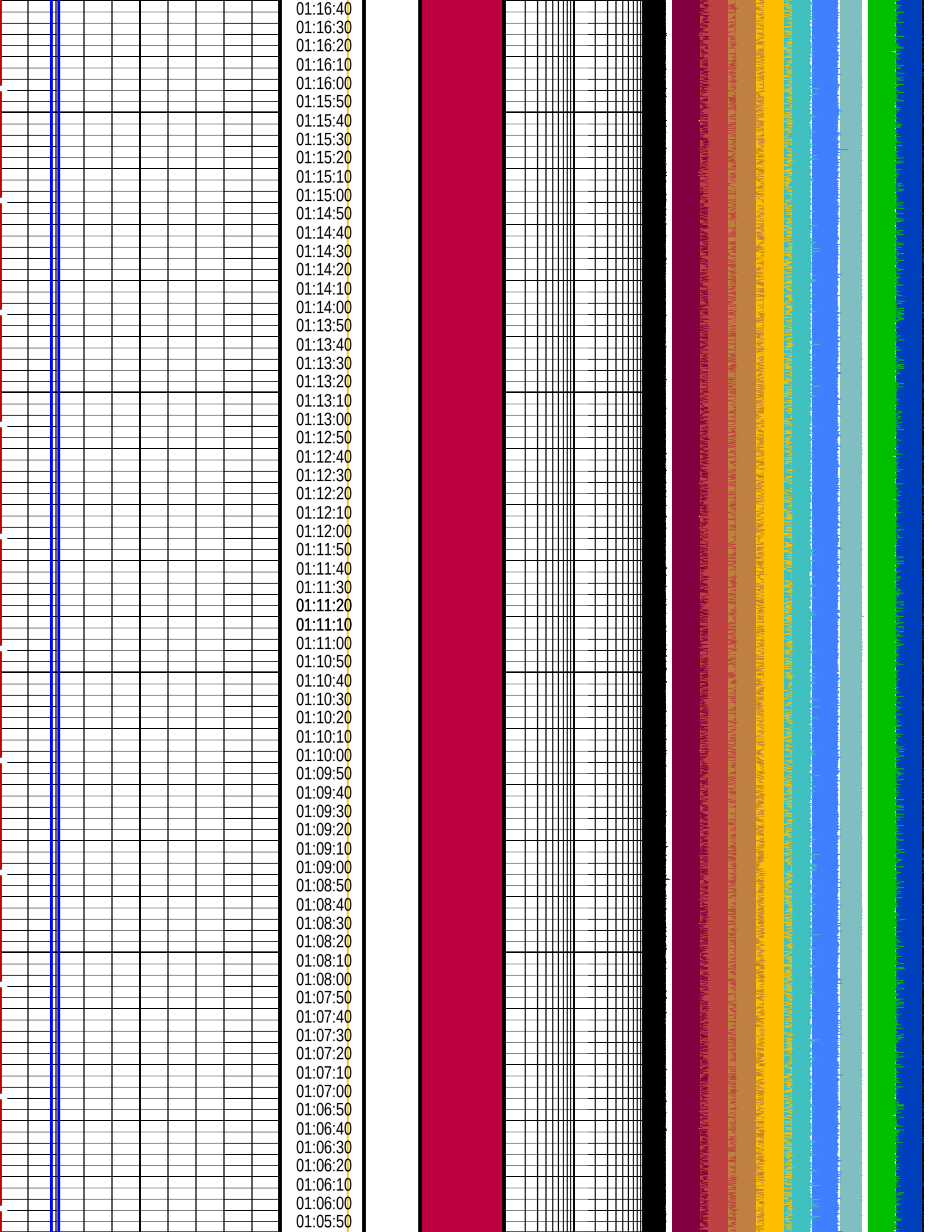

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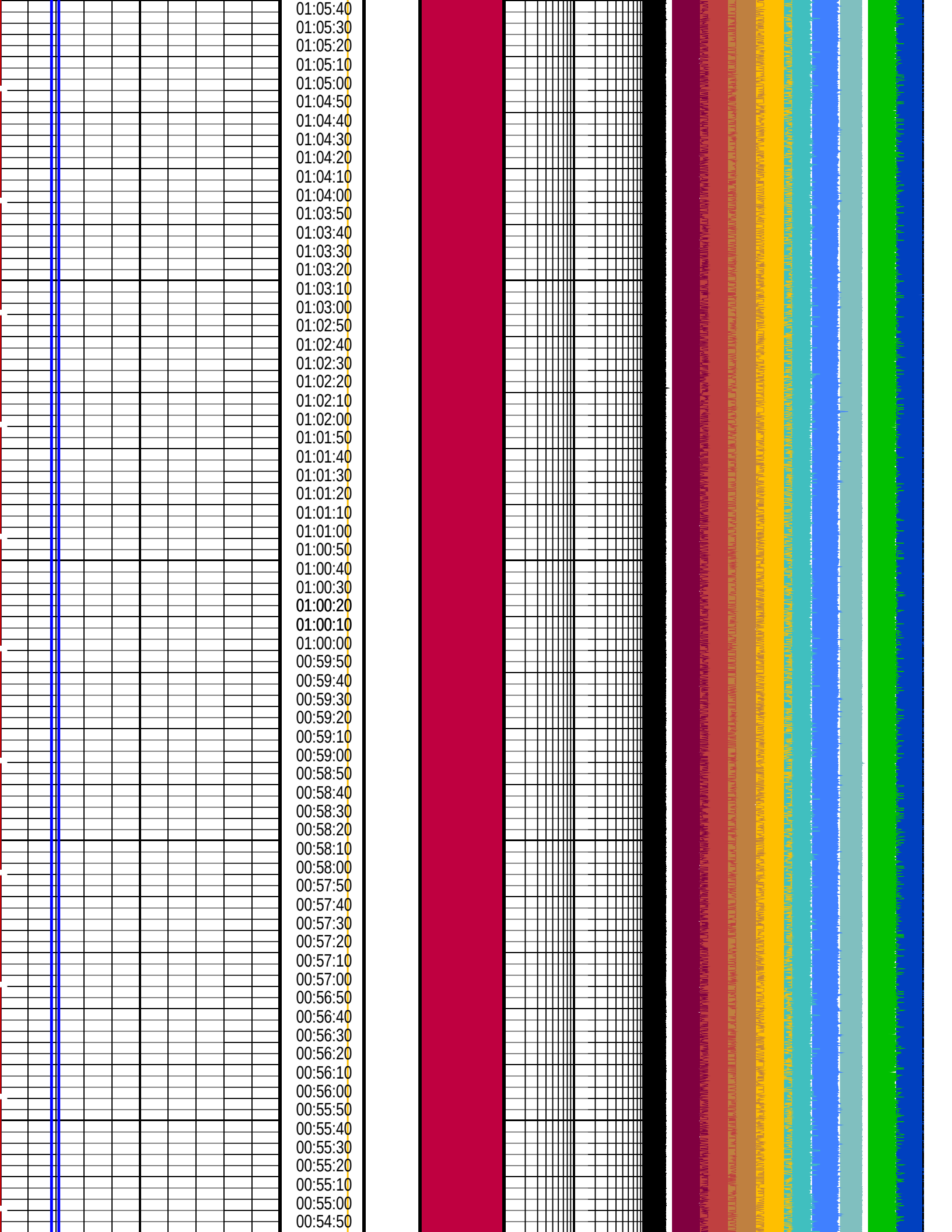

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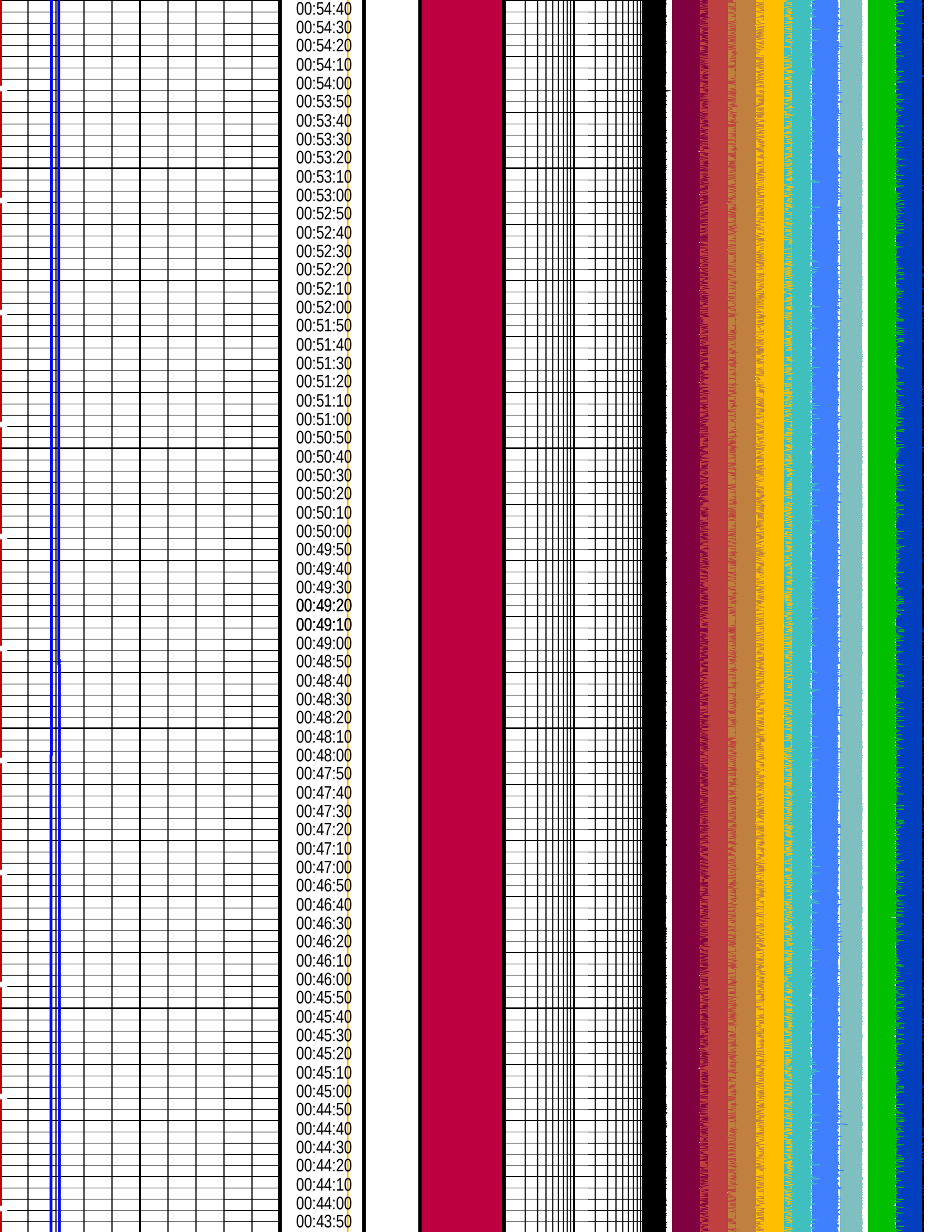

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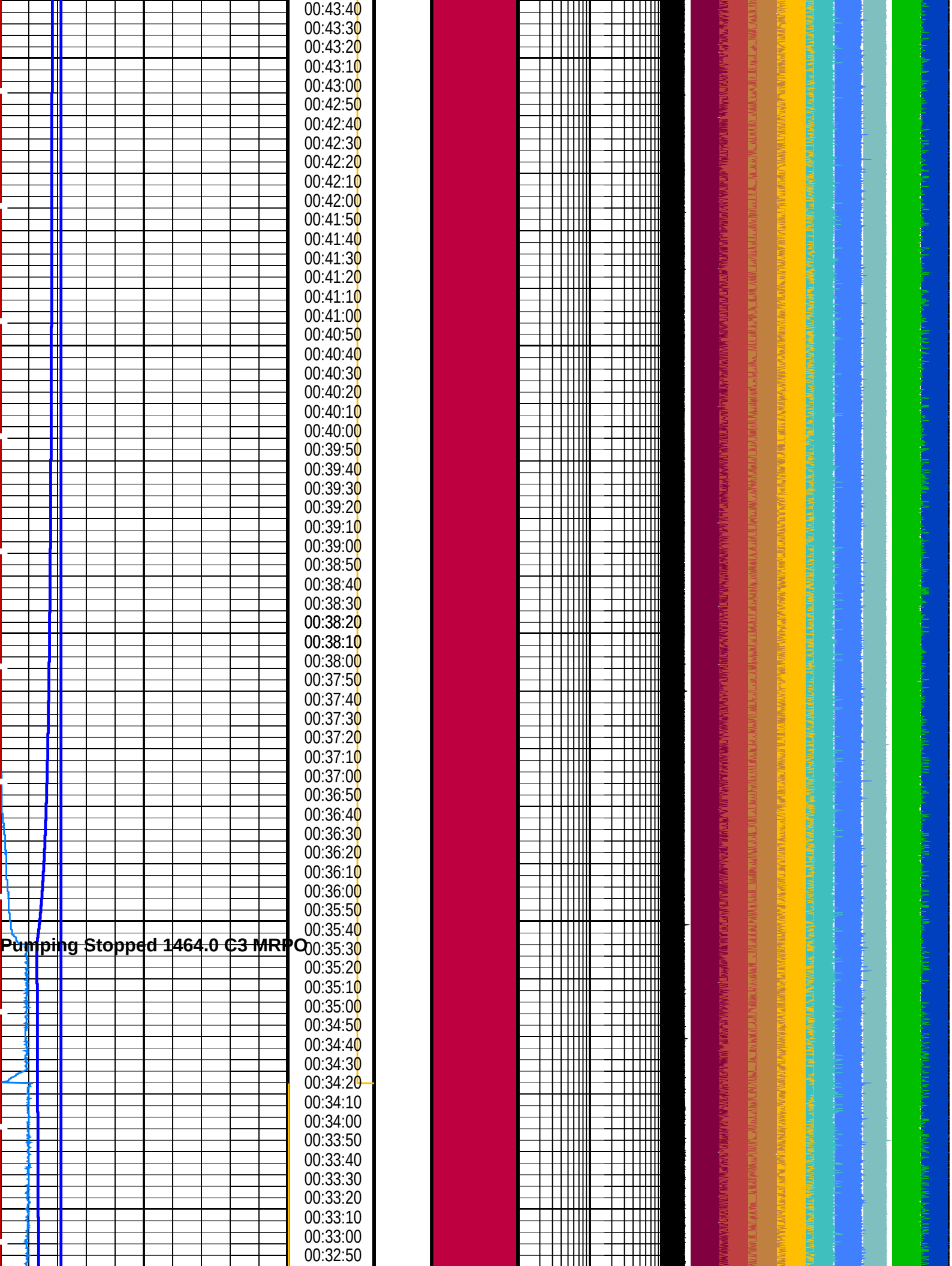

Pump Out Started MRPO
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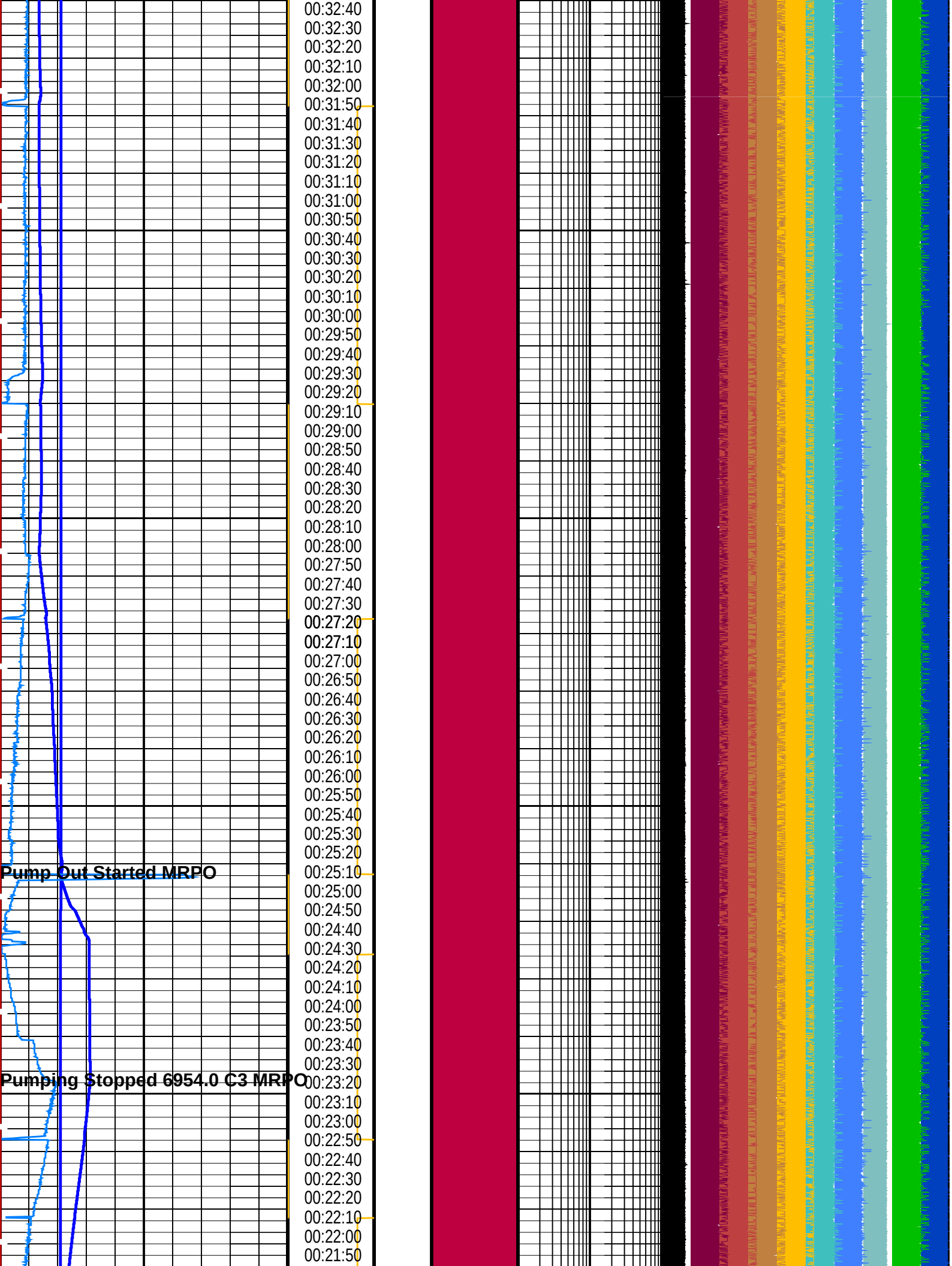

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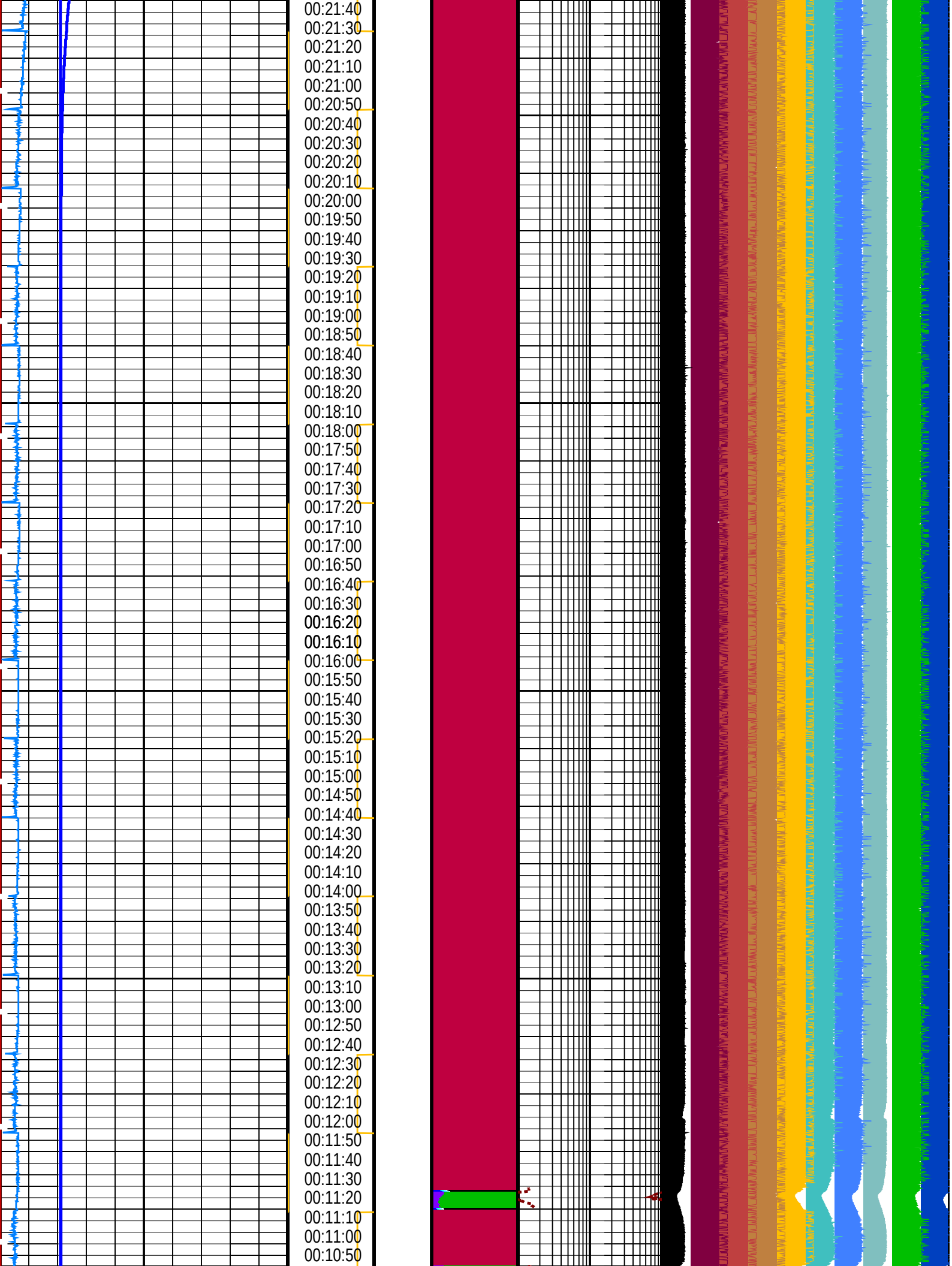

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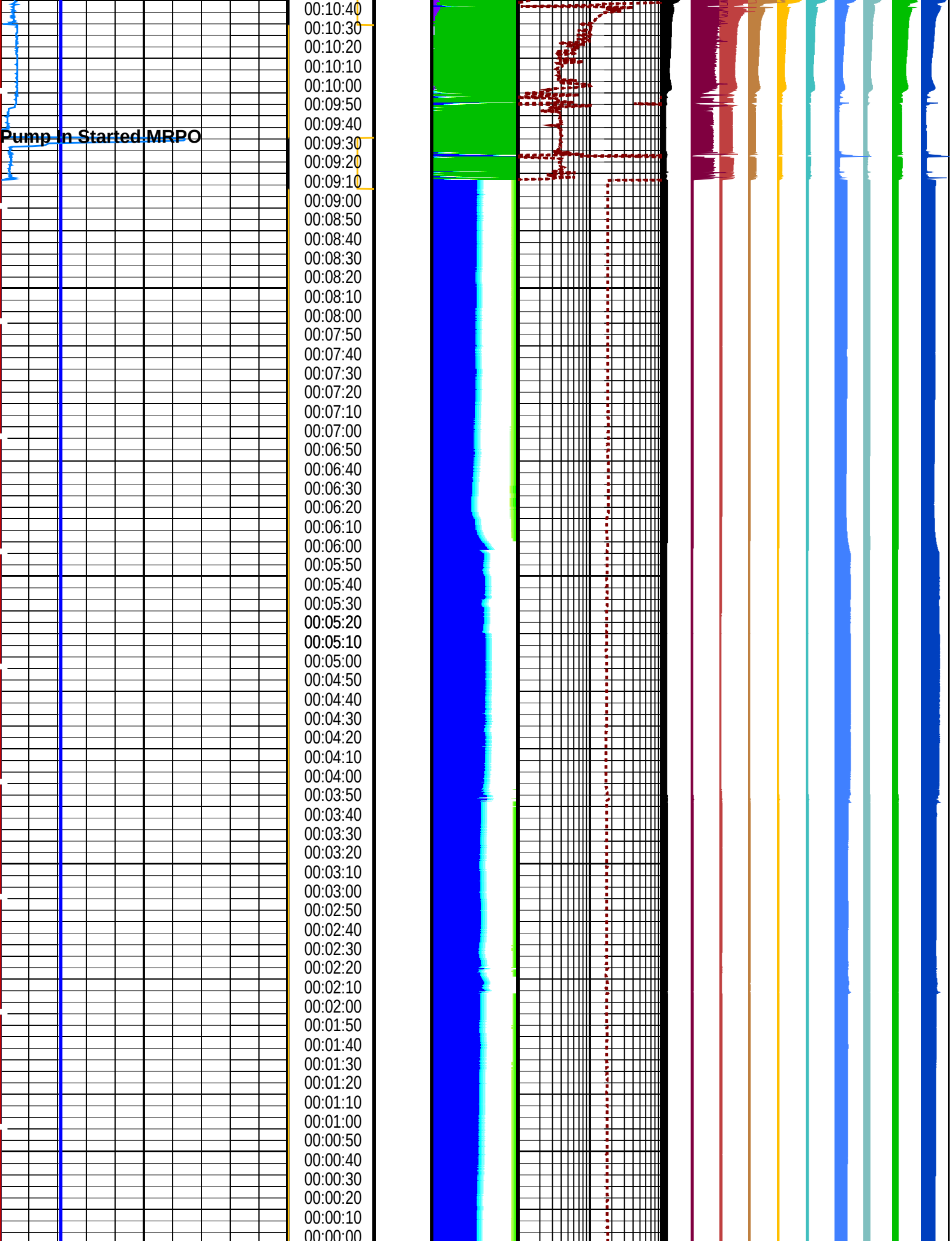

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Pumping Stopped 1464.0 C3 MRPO
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Pumping Stopped 6954.0 C3 MRPO
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Pump In Started MRPO
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Elapsed
LFA Fluid
LFA Optical Density Channel 0 (FAOD

MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000

Elapsed Time (ETIM) (S)

Low Gas

Highly Absorbing Fluid

Coloration (FCOL_LFA)
0.0001 (----- 0.01

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (----- 40

MRPO Hydraulic Pressure (POHP2)
0 (PSIG) 5000

MRPO Solenoid 3 Status (POS3)
5 (----- 0

Medium Gas

Water

LFA Fluid Coloration (FCOL_LFA) (-----
0.000001 0.0001

LFA Optical Density Channel 1 (FAOD_LFA[1])
-4 (----- 36

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000

High Gas

Oil

LFA Optical Density Channel 2 (FAOD_LFA[2])
-8 (----- 32

MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 5000

LFA Optical Density Channel 3 (FAOD_LFA[3])
-12 (----- 28

MRPS 1 Flowline Fluid Resistivity (BFR1)
0 (OHMM) 2

LFA Optical Density Channel 4 (FAOD_LFA[4])
-16 (----- 24

LFA Optical Density Channel 5 (FAOD_LFA[5])
-20 (----- 20

LFA Optical Density Channel 6 (FAOD_LFA[6])
-24 (----- 16

LFA Optical Density Channel 7 (FAOD_LFA[7])
-28 (----- 12

LFA Optical Density Channel 8 (FAOD_LFA[8])
-32 (----- 8

LFA Optical Density Channel 9 (FAOD_LFA[9])
-36 (----- 4

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
CEXP_LFA	LFA Coloration Exponent	4.6	
DCDW_LFA	LFA Decolor and Dewater Allow/Disallow for Gas Oil Ratio	ALLOW	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
ODTMP_LFA	LFA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_095LTP	FN:106	PRODUCER	17−Feb−2007 06:40		

Output DLIS Files

DEFAULT	MDT_OFA_095LTP	FN:106	PRODUCER	17−Feb−2007 06:40	2047.1 FT	326.1 FT

Event Summary

Elapsed Time (s)	Event Summary
37844.4	Pumping Stopped 17169.0 C3 Dual Pumpout Module (MRPO) 2
37110.9	Seal MDT Multi−Sample (MRMS) 1, bottle 4
36883.8	Open MDT Multi−Sample (MRMS) 1, bottle 4, sample number = 4
34164.9	Pump Out Started Dual Pumpout Module (MRPO) 2
34134.0	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
34079.7	Pump Out Started Dual Pumpout Module (MRPO)
19670.4	Pumping Stopped 531.0 C3 Dual Pumpout Module (MRPO) 2
19204.2	Seal MDT Multi−Sample (MRMS) 1, bottle 3
18936.0	Open MDT Multi−Sample (MRMS) 1, bottle 3, sample number = 3
18876.9	Pump Out Started Dual Pumpout Module (MRPO) 2
18868.2	Pumping Stopped 1239.0 C3 Dual Pumpout Module (MRPO) 2
16559.4	Pump Out Started Dual Pumpout Module (MRPO) 2
16554.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
16485.3	Pump Out Started Dual Pumpout Module (MRPO)
16479.9	Pumping Stopped 19764.0 C3 Dual Pumpout Module (MRPO)
6972.0	Seal Sample Chamber Module 2 (1 Gallon, H2S)
5903.1	Pump Out Started Dual Pumpout Module (MRPO)
2135.4	Pumping Stopped 1464.0 C3 Dual Pumpout Module (MRPO)
1513.2	Pump Out Started Dual Pumpout Module (MRPO)
1404.9	Pumping Stopped 6954.0 C3 Dual Pumpout Module (MRPO)
576.9	Pump In Started Dual Pumpout Module (MRPO)

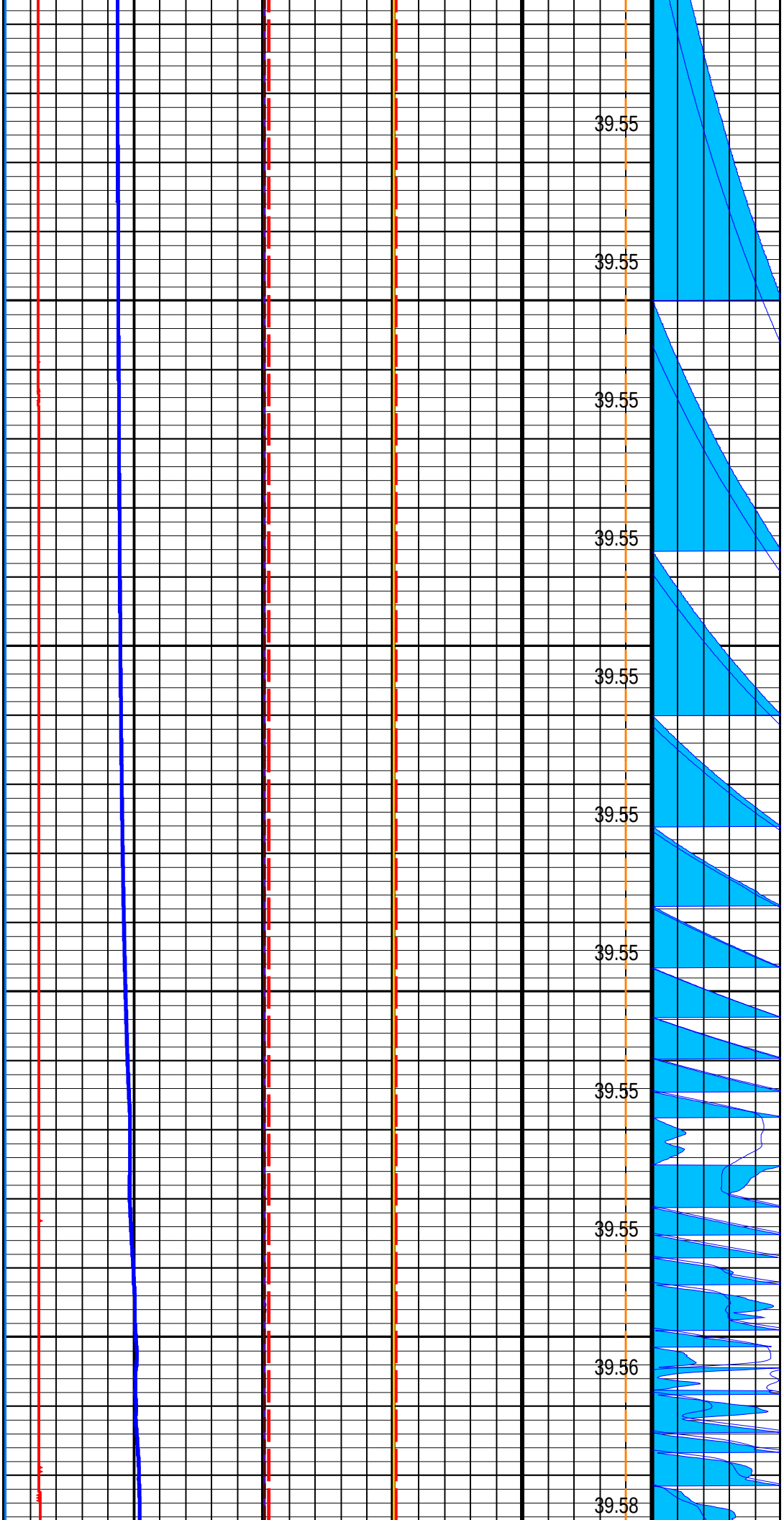
PIP SUMMARY

Time Mark Every 60 S

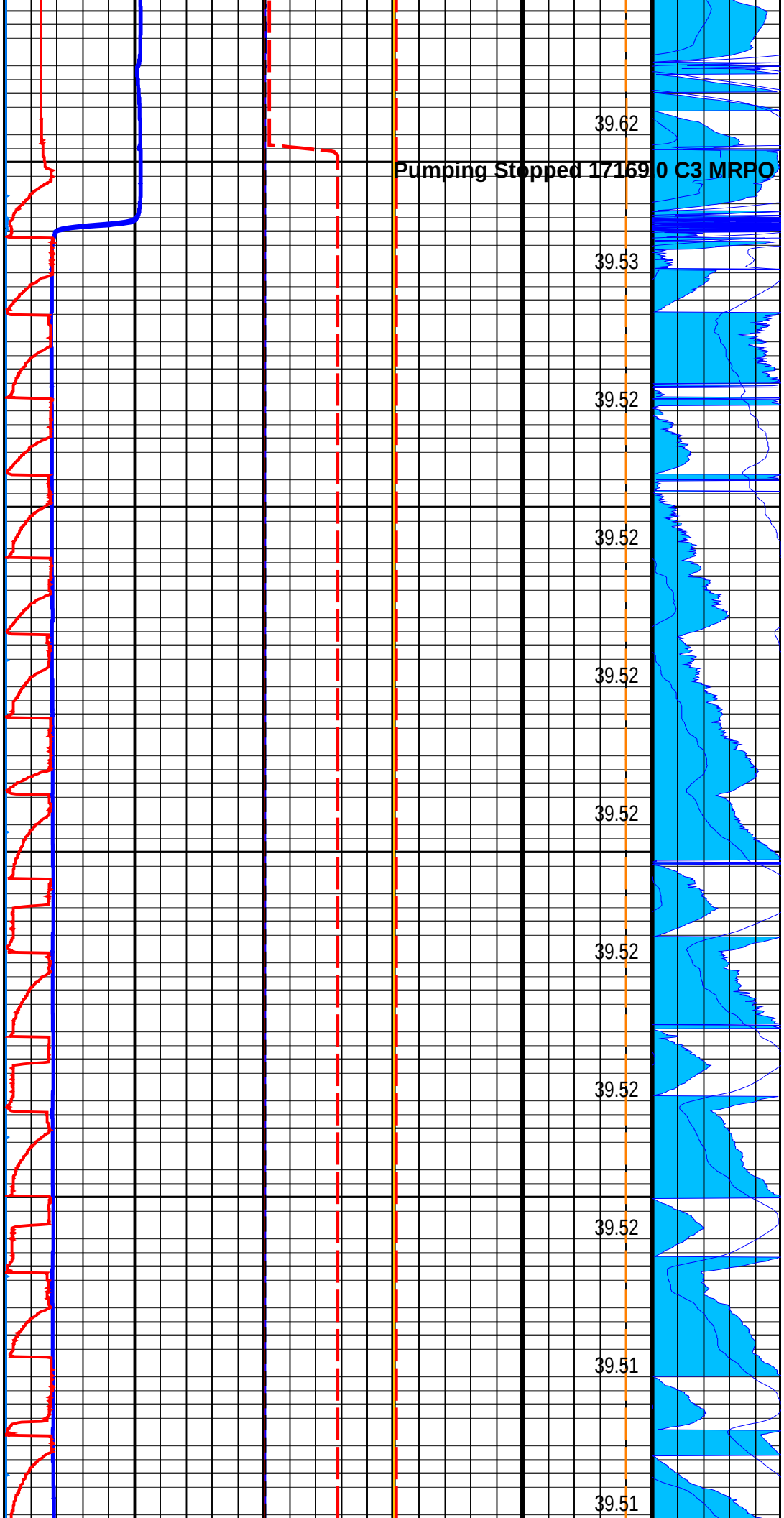
MRPA Quartz Pressure (PAQP) 0 (PSIA) 2000	MRPA Auto deflate status (PAAD) 0 (---- 5	MRPO Solenoid 3 Status (POS3) 5 (---- 0
MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Pump Volume (POPV) 0 (C3) 10000	

MRPC 50 V Supply (50V) 30 (V) 100		MRPA SG Pressure (PASG) 0 (PSIA) 2000	MRPA Interval Valve Position (PAVP) −5 (−−−− 250	MRPA Inflate Valve Position (PAFP) −5 (−−−− 250	MRPA Quartz Temperature (PAQT) (DEGF)	MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10
Elapsed Time (ETIM) (S)	**MRPA Quartz Pressure (PAQP) (PSIA)**	**MRPA SG Pressure (PASG) (PSIA)**	**MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000**	**MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000**	**MRPA Quartz Temperature (PAQT) (DEGF) 100 150**	**MRPA SG One's (PSGU) 0 (−−−− 10**
10:52:00	1053.67	1053.2			39.57	
10:51:50	1053.83	1053.4				
10:51:40	1054.04	1053.6				
10:51:30	1054.27	1053.9				
10:51:20	1054.53	1054.1				
10:51:10	1054.80	1054.5				
10:51:00	1055.08	1054.8			39.57	
10:50:50	1055.36	1055.2				
10:50:40	1055.65	1055.6				
10:50:30	1055.93	1056.1				
10:50:20	1056.23	1056.6				
10:50:10	1056.52	1057.2				
10:50:00	1056.76	1057.7			39.57	
10:49:50	1056.67	1058.0				
10:49:40	1055.75	1057.6				
10:49:30	1052.07	1054.8				
10:49:20	1032.67	1038.9				
10:49:10	1054.23	1048.6				
10:49:00	1058.35	1059.5			39.58	
10:48:50	1058.59	1060.1				
10:48:40	1058.35	1060.4				
10:48:30	1057.89	1059.8				
10:48:20	1058.46	1061.2				
10:48:10	763.18	764.7				
10:48:00	752.75	755.8			39.54	
10:47:50	772.72	762.8				
10:47:40	793.24	796.2				
10:47:30	861.93	860.7				
10:47:20	862.14	860.8				
10:47:10	862.25	860.9				
10:47:00	862.37	861.1			39.55	
10:46:50	862.53	861.2				
10:46:40	862.71	861.4				
10:46:30	862.88	861.6				
10:46:20	863.05	861.8				
10:46:10	863.24	861.9				
10:46:00	863.44	862.1			39.55	
10:45:50	863.64	862.4				
10:45:40	863.85	862.6				
10:45:30	864.08	862.8				
10:45:20	864.32	863.0				
10:45:10	864.58	863.3				
10:45:00	864.83	863.5			39.55	
10:44:50	865.09	863.8				
10:44:40	865.37	864.1				
10:44:30	865.66	864.4				
10:44:20	865.96	864.6				
10:44:10	866.26	865.0				
10:44:00	866.58	865.3			39.55	
10:43:50	866.92	865.6				
10:43:40	867.29	866.0				
10:43:30	867.68	866.4				
10:43:20	868.07	866.8				
10:43:10	868.49	867.2				
10:43:00	868.90	867.6			39.55	

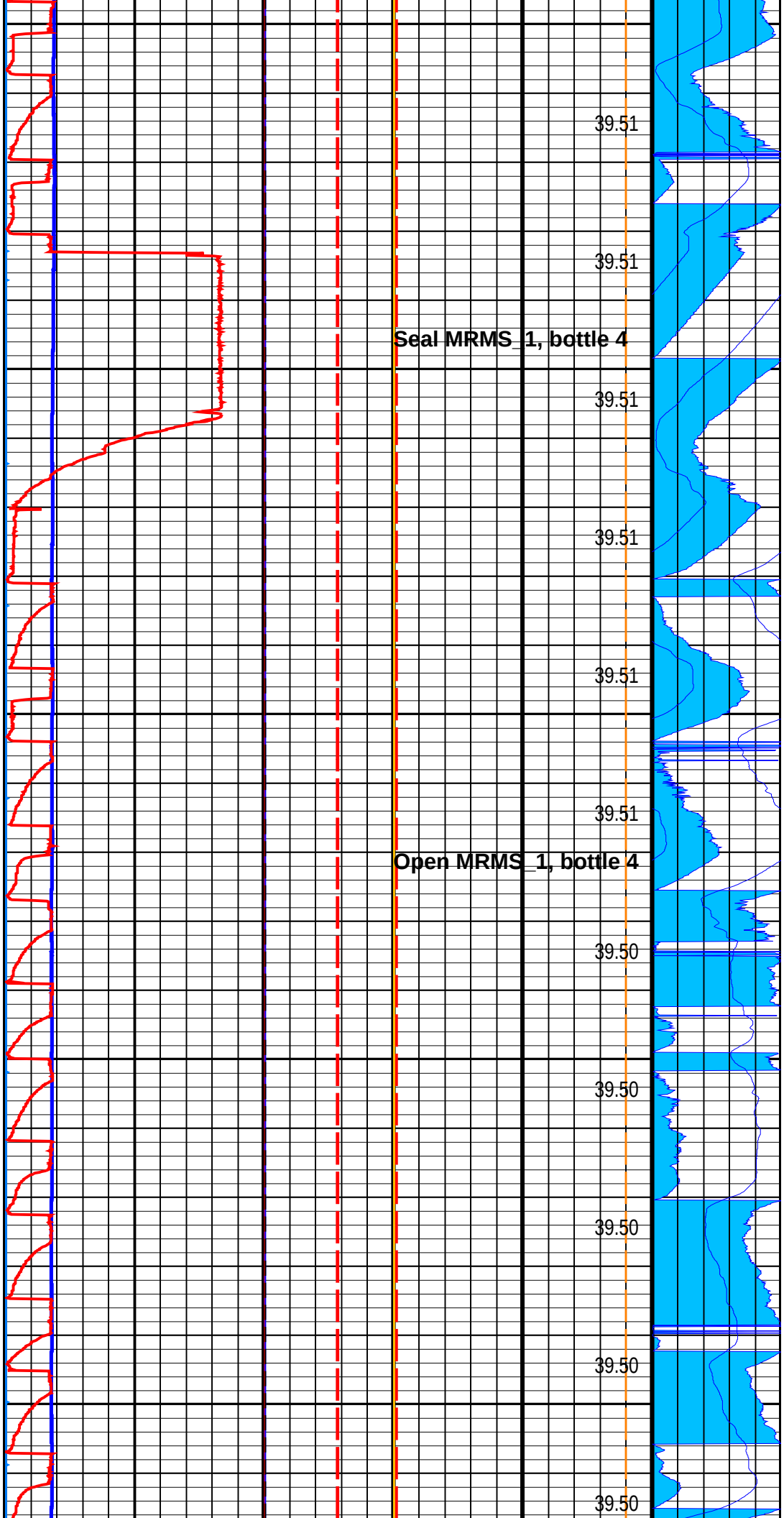
10:42:50	869.34	868.0
10:42:40	869.77	868.5
10:42:30	870.22	868.9
10:42:20	870.72	869.4
10:42:10	871.21	869.8
10:42:00	871.71	870.4
10:41:50	872.27	870.9
10:41:40	872.82	871.4
10:41:30	873.40	872.0
10:41:20	874.02	872.6
10:41:10	874.66	873.2
10:41:00	875.32	873.9
10:40:50	876.03	874.6
10:40:40	876.75	875.3
10:40:30	877.50	876.0
10:40:20	878.32	876.8
10:40:10	879.14	877.6
10:40:00	880.01	878.5
10:39:50	880.95	879.3
10:39:40	881.89	880.2
10:39:30	882.89	881.2
10:39:20	884.01	882.3
10:39:10	885.12	883.4
10:39:00	886.27	884.5
10:38:50	887.50	885.7
10:38:40	888.78	887.0
10:38:30	890.10	888.2
10:38:20	891.53	889.6
10:38:10	893.01	891.1
10:38:00	894.58	892.6
10:37:50	896.31	894.3
10:37:40	898.11	896.0
10:37:30	900.05	897.9
10:37:20	902.18	899.9
10:37:10	904.39	902.1
10:37:00	906.81	904.4
10:36:50	909.50	907.1
10:36:40	912.38	909.9
10:36:30	915.39	912.9
10:36:20	918.85	916.3
10:36:10	922.49	919.8
10:36:00	926.44	923.8
10:35:50	930.87	928.2
10:35:40	935.60	932.8
10:35:30	940.78	937.9
10:35:20	946.71	943.7
10:35:10	953.31	950.2
10:35:00	961.20	957.8
10:34:50	966.03	965.8
10:34:40	965.84	966.8
10:34:30	962.92	963.4
10:34:20	963.14	960.7
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10:34:00	979.76	976.3
10:33:50	990.61	986.8
10:33:40	998.85	995.1
10:33:30	1003.05	1003.8
10:33:20	1009.27	1005.5
10:33:10	1016.44	1017.2
10:33:00	1006.73	1005.1
10:32:50	1011.21	1008.6
10:32:40	1012.94	1008.8
10:32:30	1025.02	1022.2
10:32:20	1033.66	1032.4
10:32:10	1038.56	1037.0
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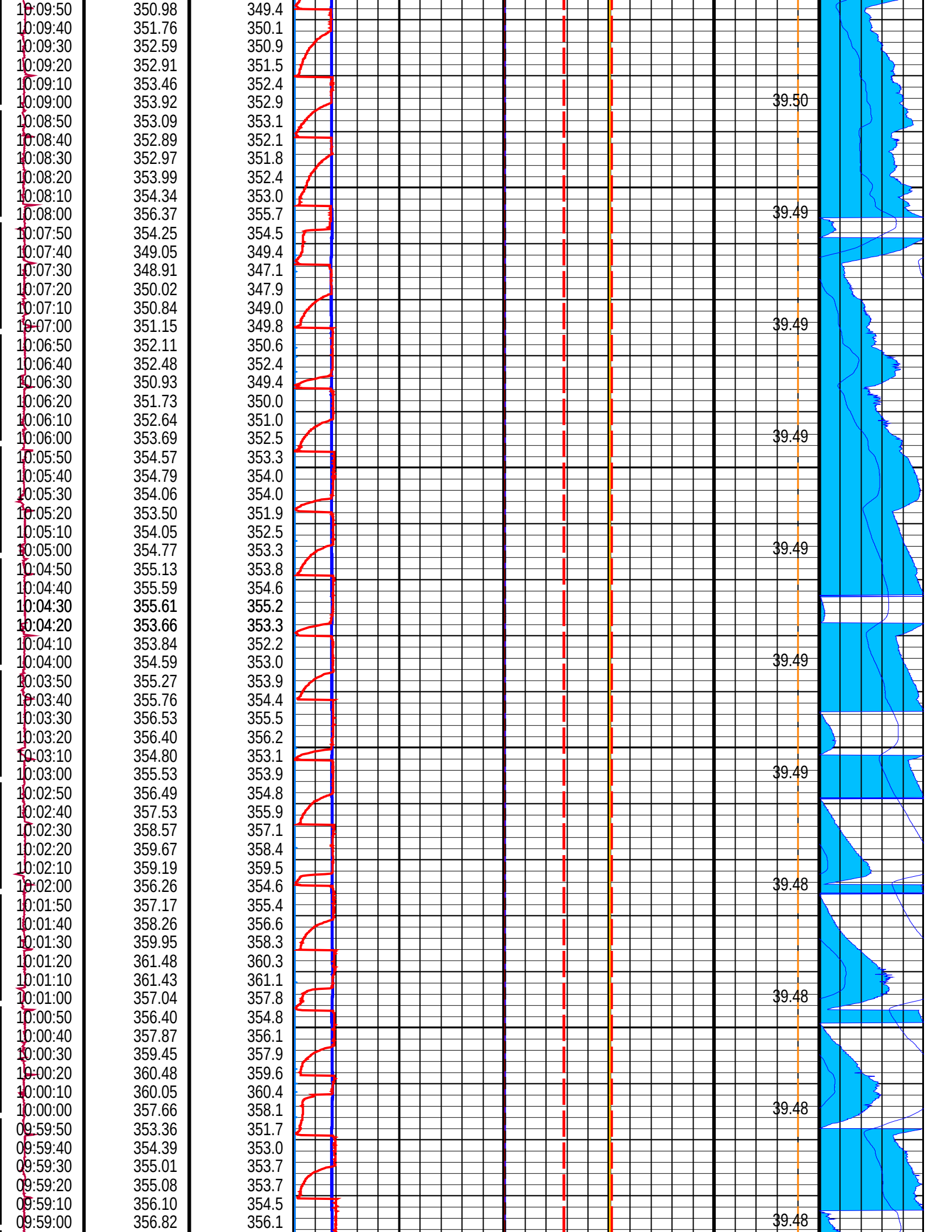
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10:31:00	1038.82	1039.8
10:30:50	1042.49	1044.4
10:30:40	1041.61	1043.7
10:30:30	1037.24	1040.7
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10:30:00	359.49	359.6
10:29:50	357.22	357.4
10:29:40	354.22	353.3
10:29:30	354.32	353.2
10:29:20	355.14	353.5
10:29:10	356.05	354.8
10:29:00	356.59	355.0
10:28:50	357.81	356.3
10:28:40	357.90	357.6
10:28:30	356.48	354.4
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10:28:10	358.28	356.9
10:28:00	358.96	357.7
10:27:50	359.24	358.3
10:27:40	360.67	359.4
10:27:30	360.52	360.5
10:27:20	358.74	356.8
10:27:10	359.35	357.5
10:27:00	360.48	358.8
10:26:50	361.29	359.9
10:26:40	361.77	360.2
10:26:30	363.10	361.9
10:26:20	362.66	362.6
10:26:10	362.37	360.5
10:26:00	363.38	361.4
10:25:50	365.52	363.6
10:25:40	368.15	366.1
10:25:30	369.60	368.5
10:25:20	368.50	368.8
10:25:10	363.55	364.2
10:25:00	362.10	360.4
10:24:50	362.92	361.5
10:24:40	364.50	362.8
10:24:30	367.09	364.9
10:24:20	369.08	367.6
10:24:10	367.70	367.9
10:24:00	362.70	363.1
10:23:50	361.94	360.2
10:23:40	362.89	361.1
10:23:30	363.78	361.8
10:23:20	365.92	363.8
10:23:10	368.70	367.4
10:23:00	367.38	367.5
10:22:50	362.73	363.6
10:22:40	360.41	358.6
10:22:30	362.40	360.7
10:22:20	363.86	362.2
10:22:10	364.51	362.4
10:22:00	366.62	364.6
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10:21:40	367.56	368.1
10:21:30	365.70	363.7
10:21:20	368.02	365.9
10:21:10	371.63	369.5
10:21:00	373.69	372.1



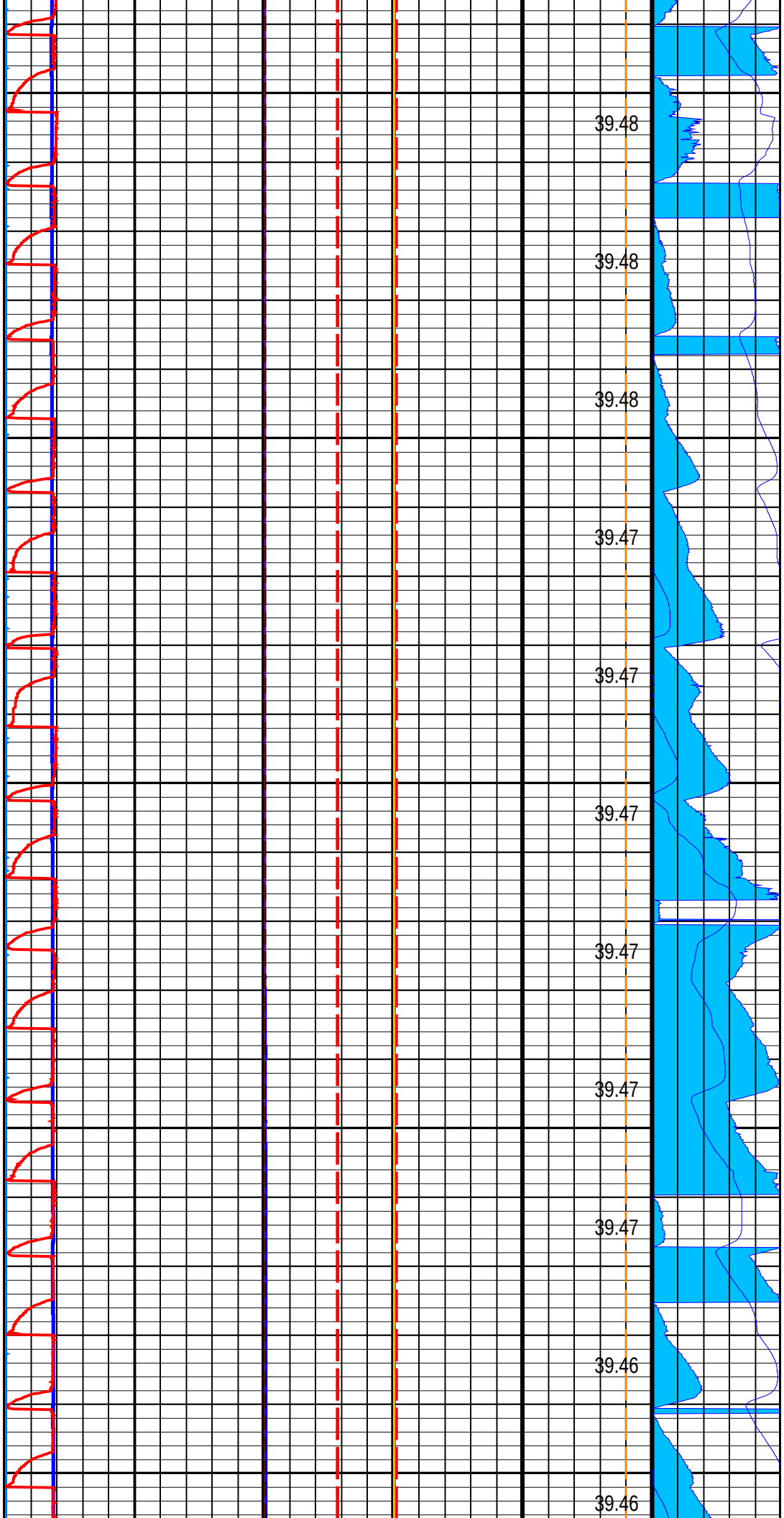
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10:20:30	369.54	369.5
10:20:20	370.07	368.3
10:20:10	372.20	370.1
10:20:00	373.72	372.0
10:19:50	376.15	375.4
10:19:40	376.37	376.3
10:19:30	374.71	374.9
10:19:20	372.00	372.6
10:19:10	371.82	371.6
10:19:00	370.53	370.6
10:18:50	368.99	369.1
10:18:40	367.52	367.6
10:18:30	365.99	366.1
10:18:20	364.21	364.4
10:18:10	362.10	362.2
10:18:00	360.49	360.4
10:17:50	359.34	358.5
10:17:40	359.70	358.0
10:17:30	361.74	360.0
10:17:20	363.15	361.8
10:17:10	361.59	361.7
10:17:00	359.53	359.8
10:16:50	356.61	356.9
10:16:40	356.33	354.4
10:16:30	357.09	355.5
10:16:20	358.90	357.0
10:16:10	361.76	359.9
10:16:00	362.20	361.6
10:15:50	360.63	360.7
10:15:40	356.47	356.7
10:15:30	356.04	355.3
10:15:20	357.12	356.1
10:15:10	358.42	357.0
10:15:00	359.71	358.5
10:14:50	360.07	359.7
10:14:40	357.89	358.1
10:14:30	353.90	354.2
10:14:20	353.61	352.6
10:14:10	355.02	353.6
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10:12:40	357.22	356.5
10:12:30	357.11	356.4
10:12:20	356.12	356.0
10:12:10	353.20	352.4
10:12:00	353.20	351.7
10:11:50	353.95	352.3
10:11:40	354.67	353.4
10:11:30	355.10	353.4
10:11:20	355.61	354.7
10:11:10	354.64	354.6
10:11:00	353.70	352.2
10:10:50	354.42	352.8
10:10:40	354.95	353.6
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10:10:00	353.05	353.7



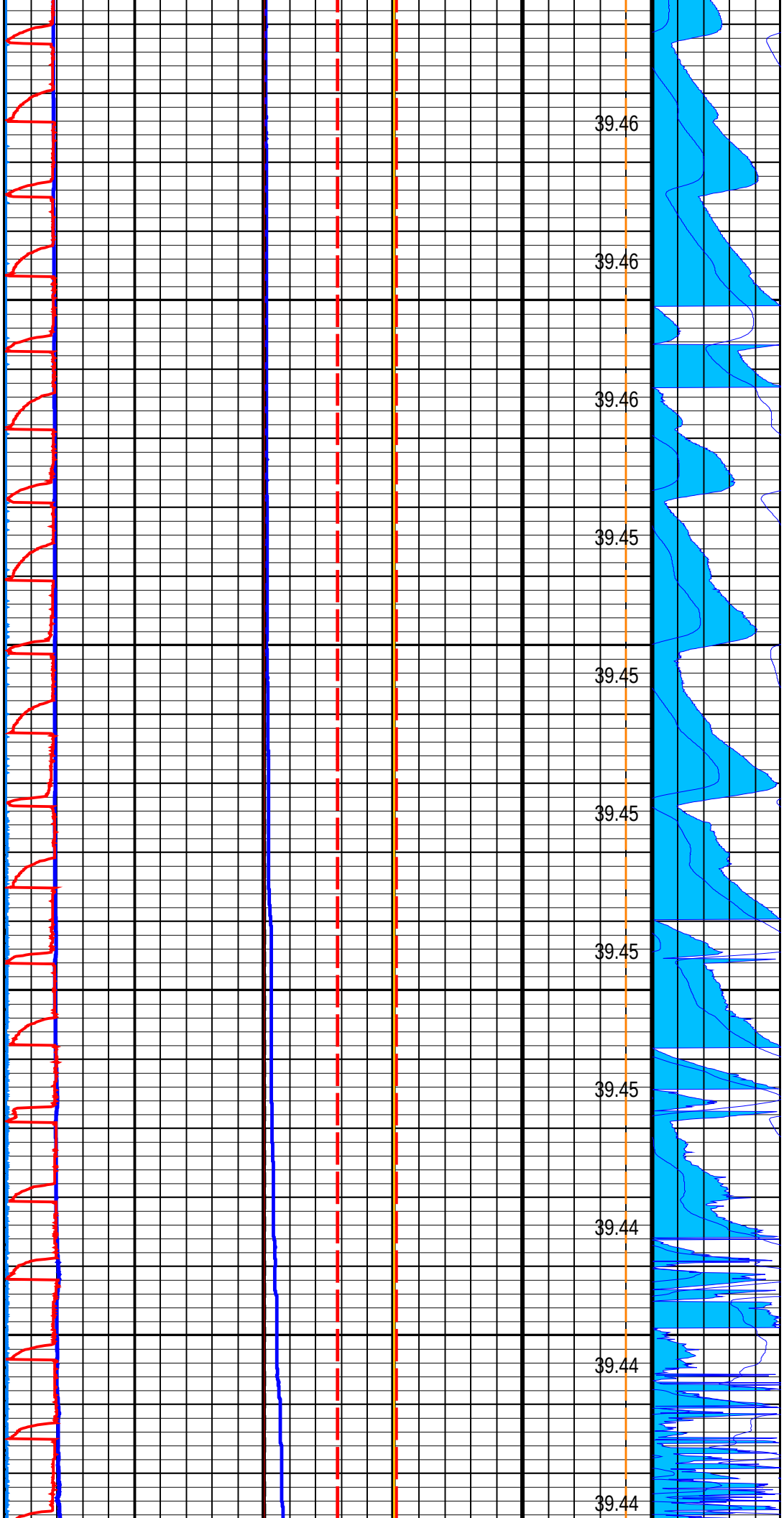
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10:09:00	353.92	352.9
10:08:50	353.09	353.1
10:08:40	352.89	352.1
10:08:30	352.97	351.8
10:08:20	353.99	352.4
10:08:10	354.34	353.0
10:08:00	356.37	355.7
10:07:50	354.25	354.5
10:07:40	349.05	349.4
10:07:30	348.91	347.1
10:07:20	350.02	347.9
10:07:10	350.84	349.0
10:07:00	351.15	349.8
10:06:50	352.11	350.6
10:06:40	352.48	352.4
10:06:30	350.93	349.4
10:06:20	351.73	350.0
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10:06:00	353.69	352.5
10:05:50	354.57	353.3
10:05:40	354.79	354.0
10:05:30	354.06	354.0
10:05:20	353.50	351.9
10:05:10	354.05	352.5
10:05:00	354.77	353.3
10:04:50	355.13	353.8
10:04:40	355.59	354.6
10:04:30	355.61	355.2
10:04:20	353.66	353.3
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10:04:00	354.59	353.0
10:03:50	355.27	353.9
10:03:40	355.76	354.4
10:03:30	356.53	355.5
10:03:20	356.40	356.2
10:03:10	354.80	353.1
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10:02:40	357.53	355.9
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10:00:20	360.48	359.6
10:00:10	360.05	360.4
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09:59:40	354.39	353.0
09:59:30	355.01	353.7
09:59:20	355.08	353.7
09:59:10	356.10	354.5
09:59:00	356.82	356.1



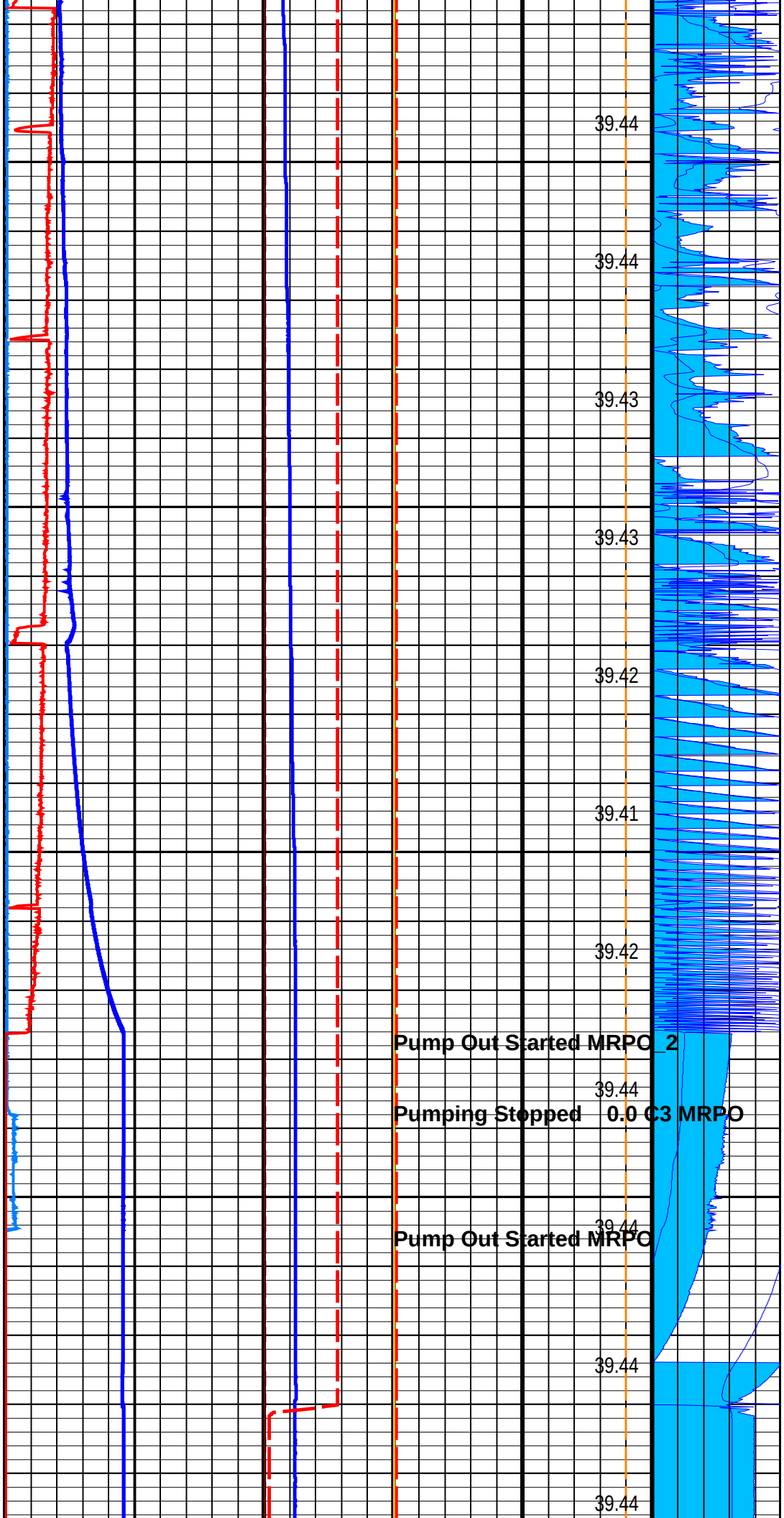
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09:58:20	357.27	355.9
09:58:10	357.39	356.6
09:58:00	358.36	357.5
09:57:50	357.69	357.5
09:57:40	355.88	355.5
09:57:30	355.89	354.6
09:57:20	356.31	355.0
09:57:10	356.61	355.6
09:57:00	356.79	355.6
09:56:50	357.00	356.0
09:56:40	356.96	356.5
09:56:30	355.87	354.2
09:56:20	356.56	354.9
09:56:10	357.05	355.5
09:56:00	357.17	355.9
09:55:50	357.76	356.3
09:55:40	358.59	357.4
09:55:30	358.35	358.3
09:55:20	357.65	355.9
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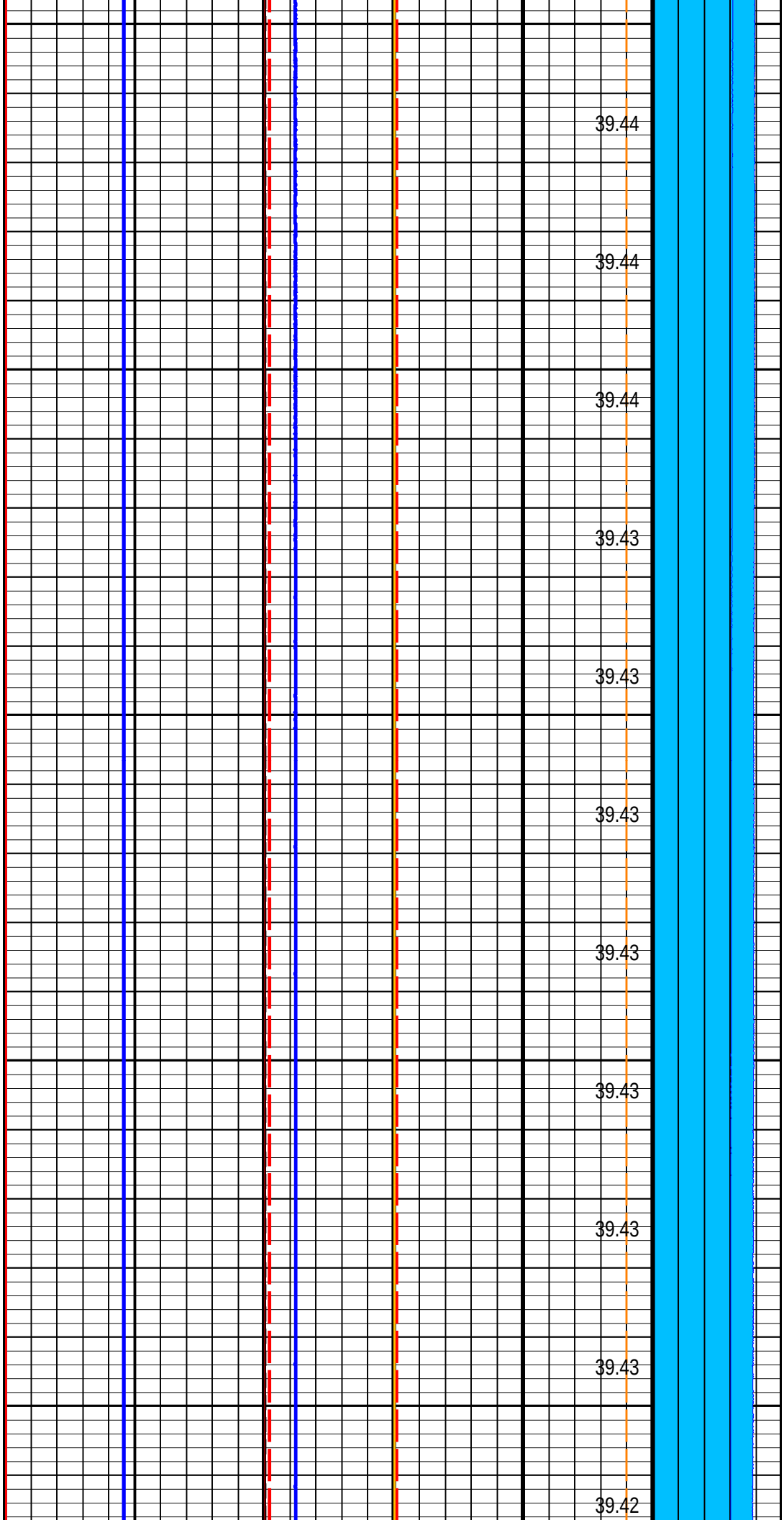
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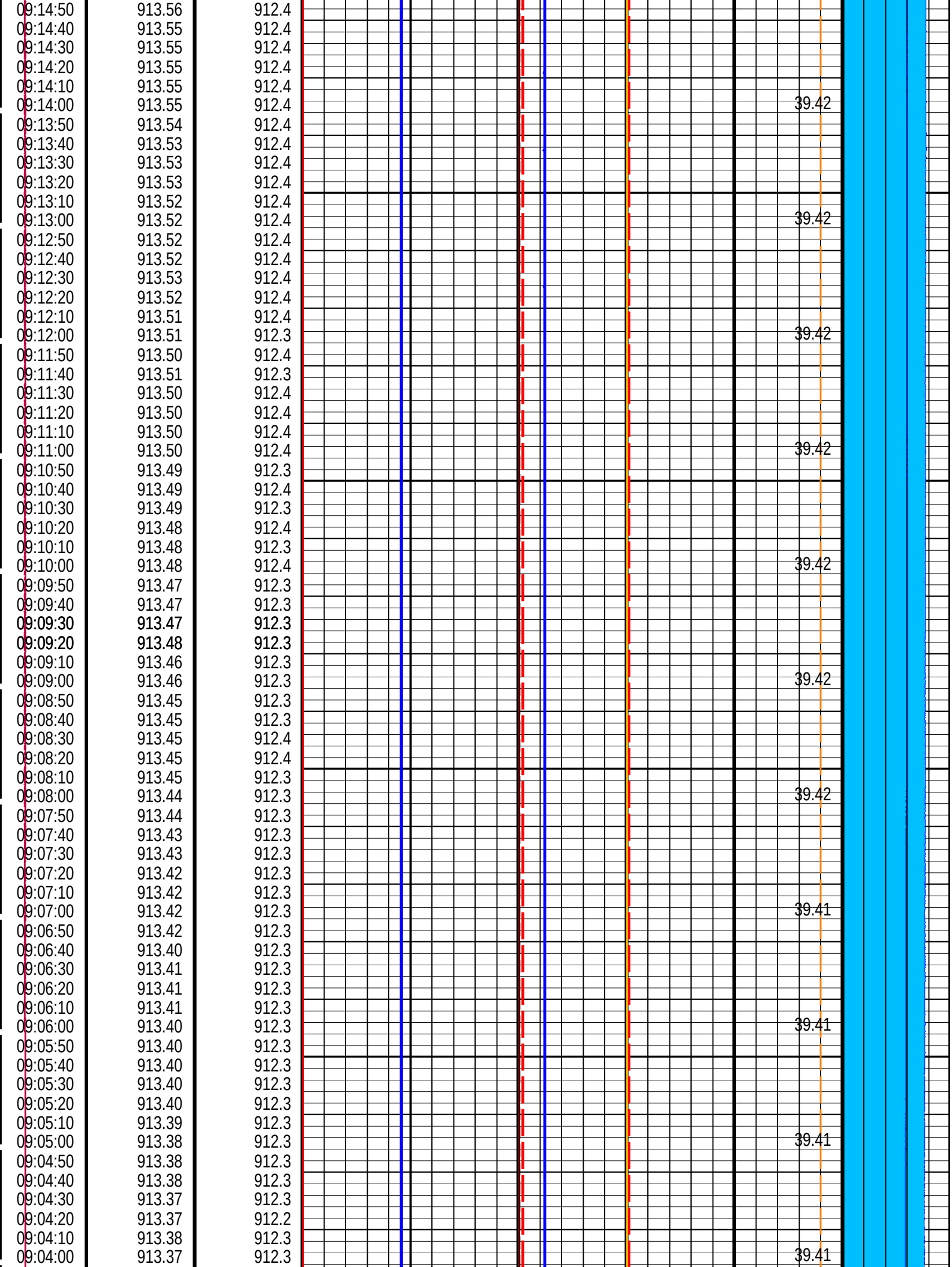
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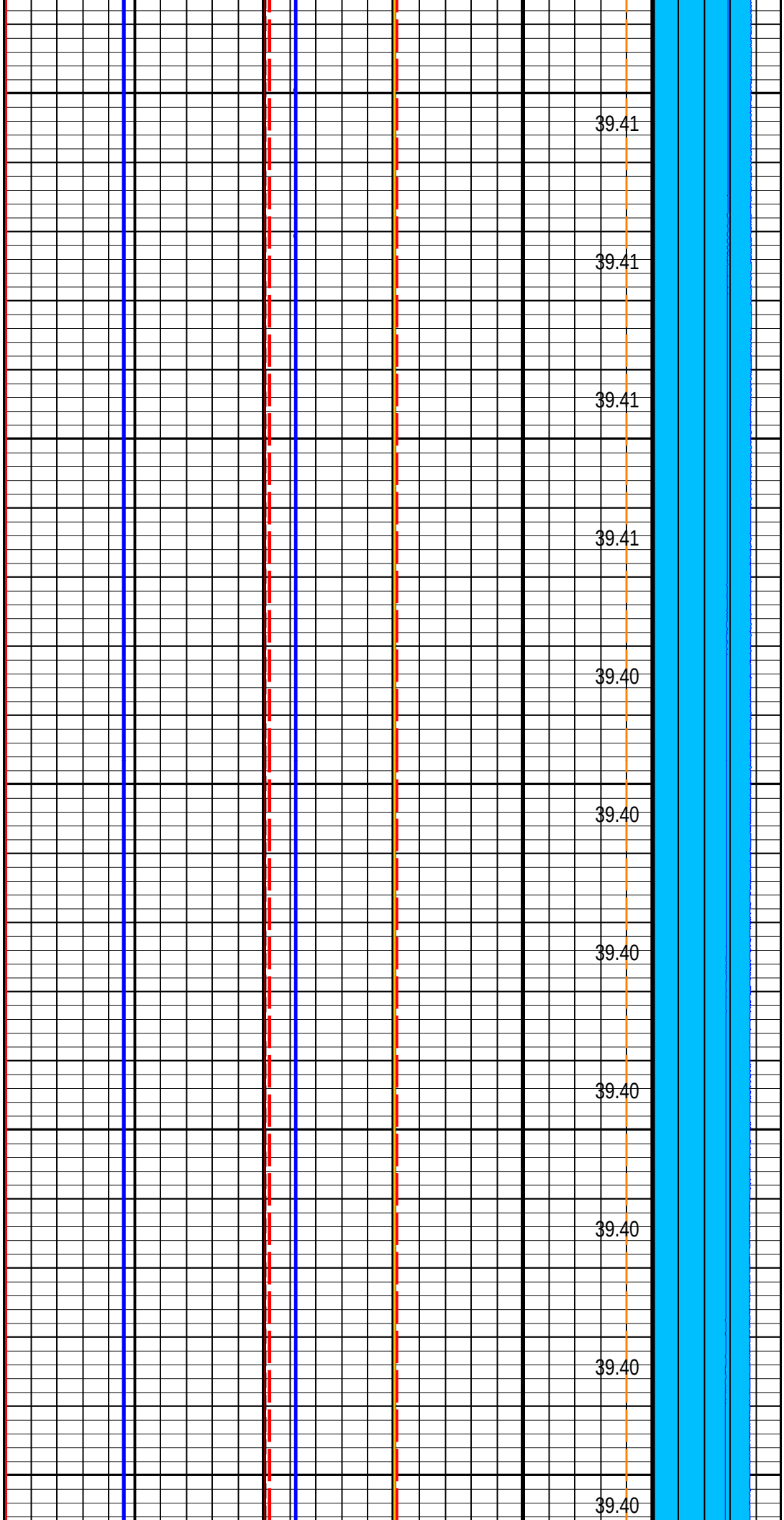
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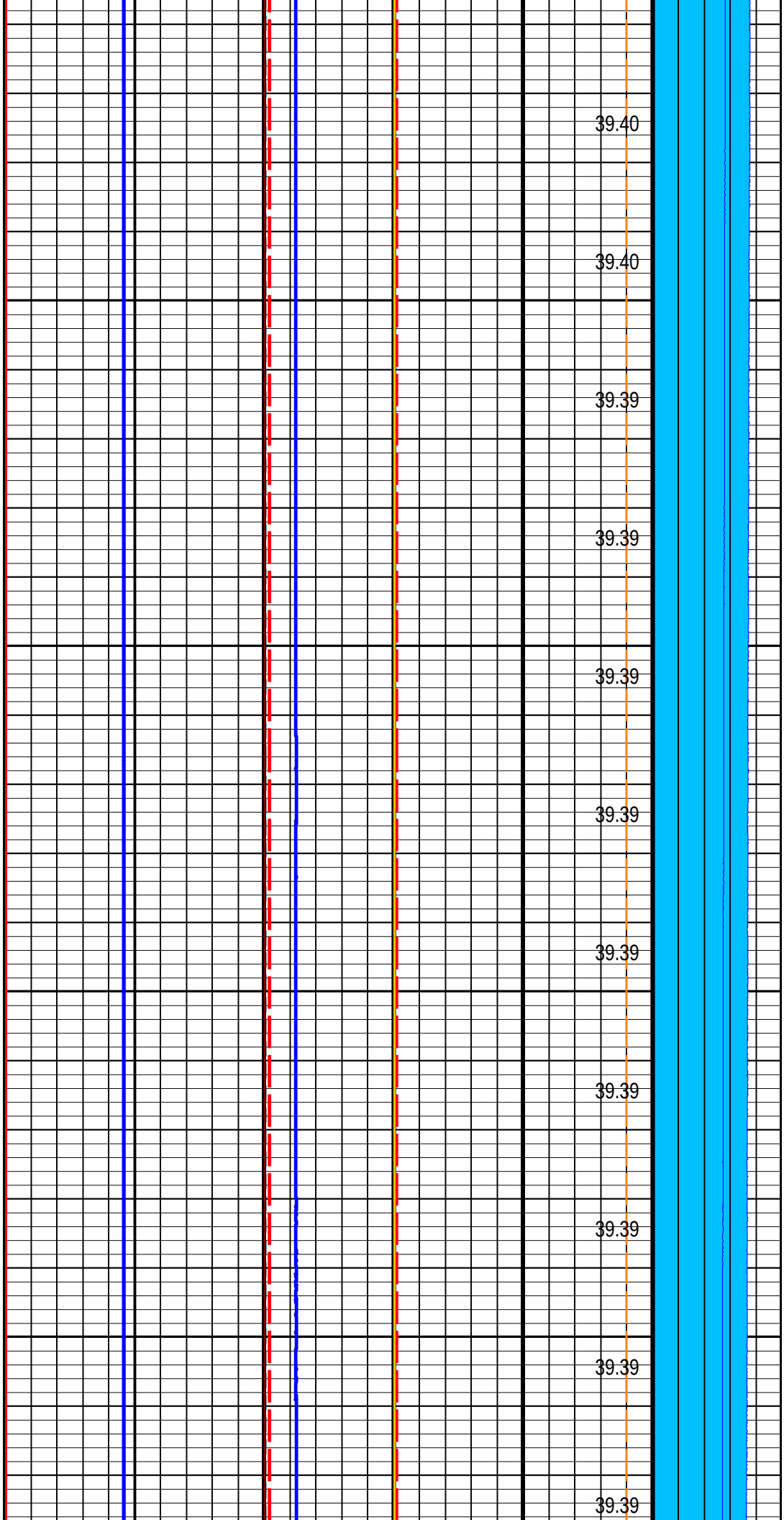
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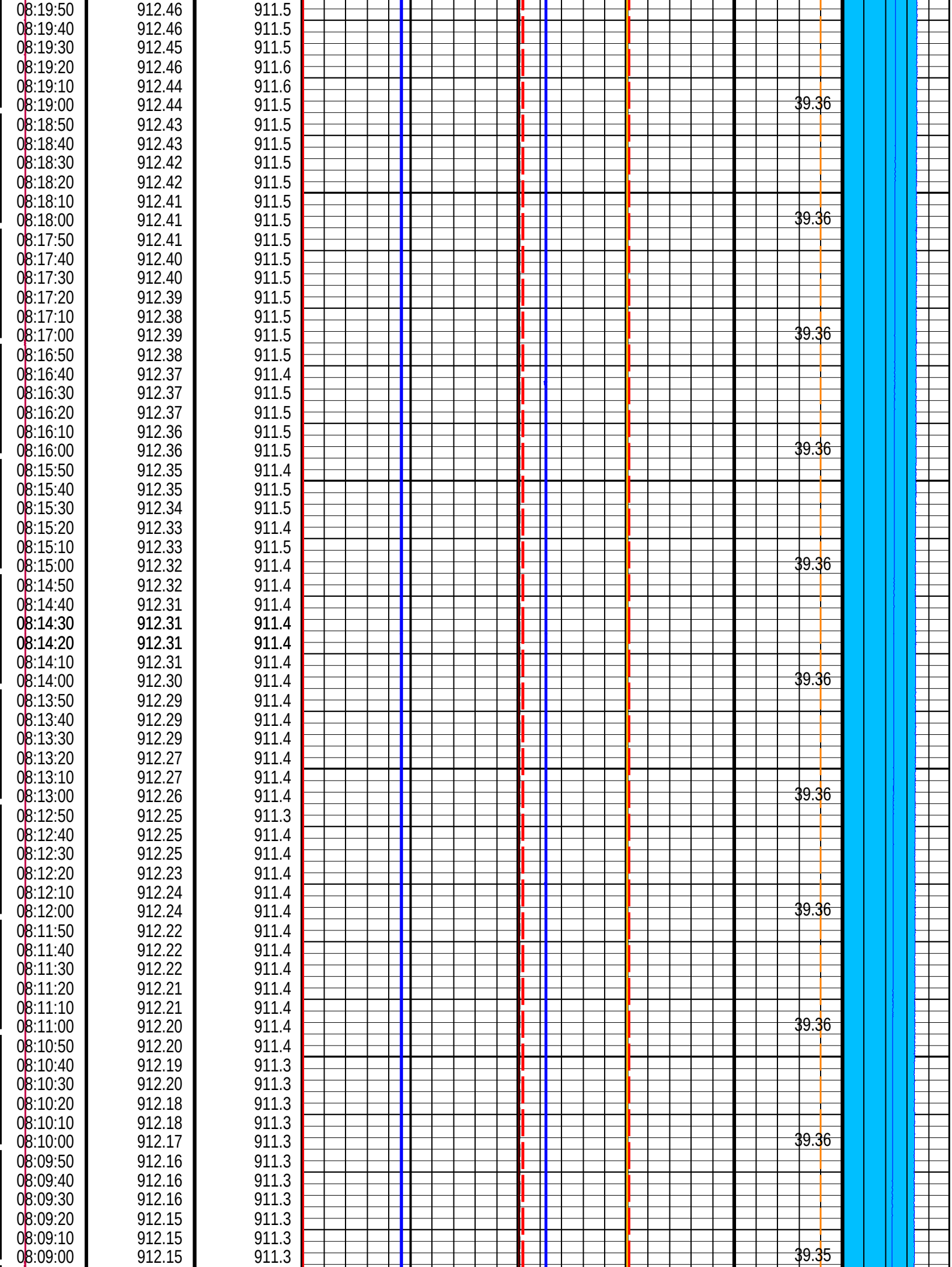
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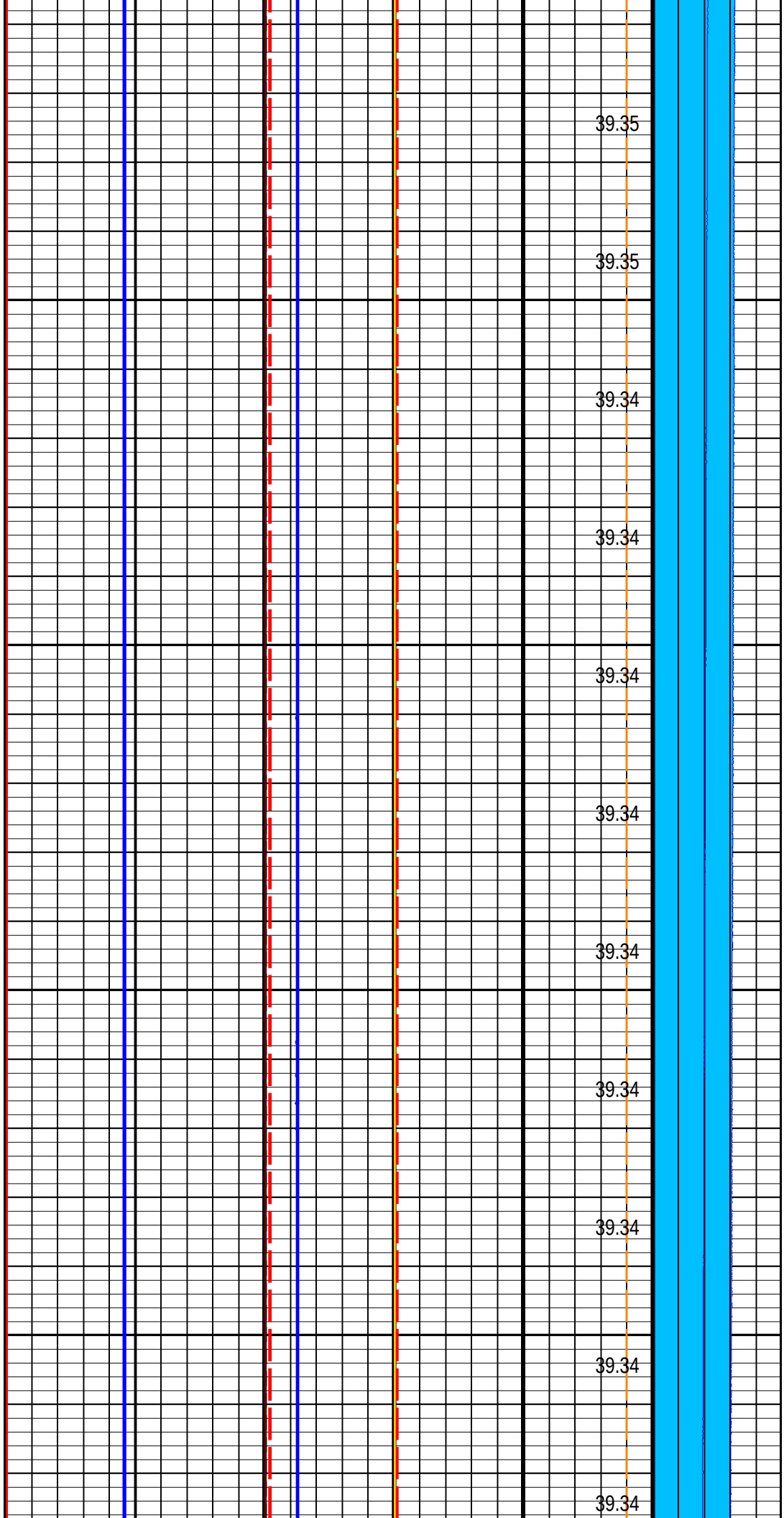
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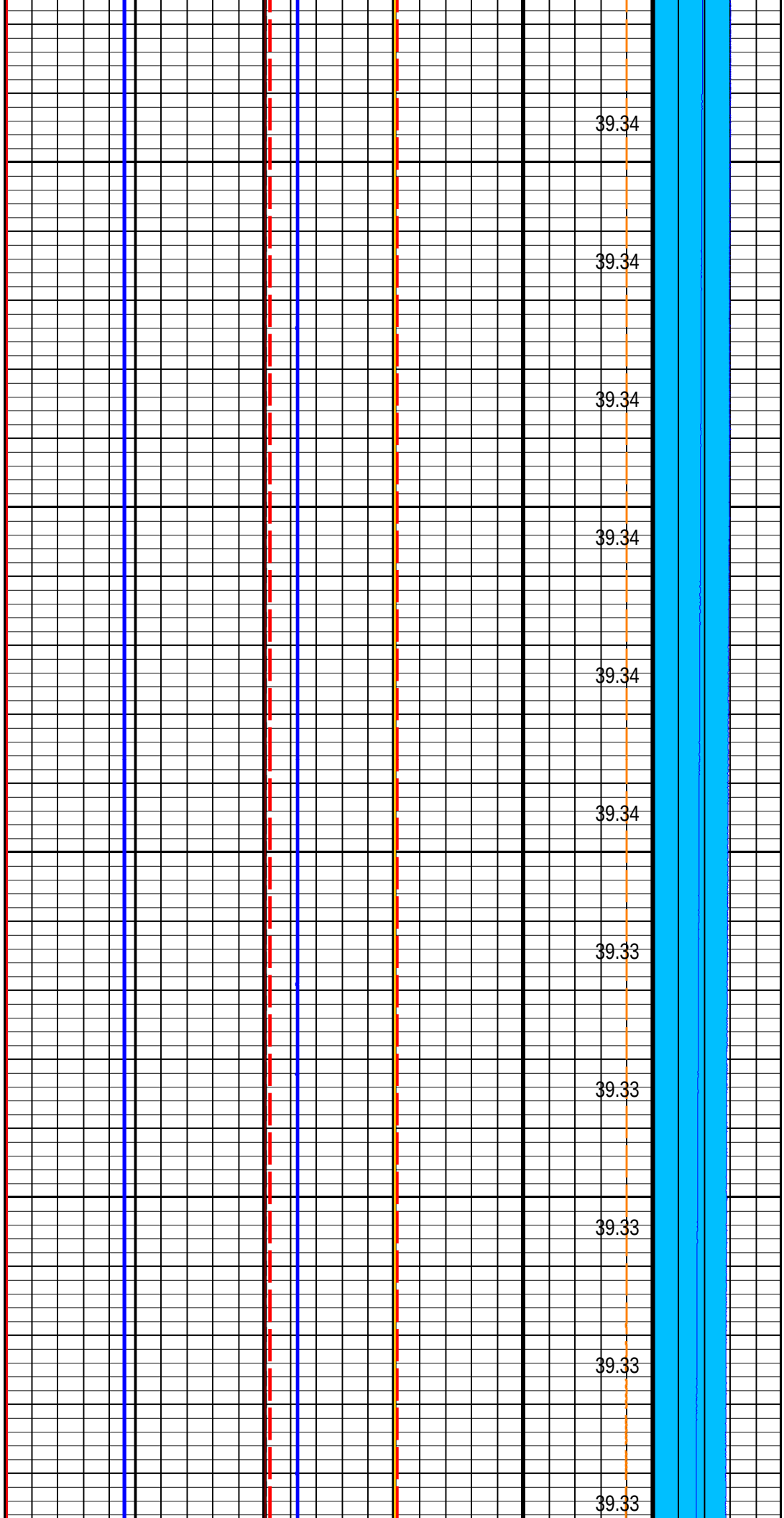


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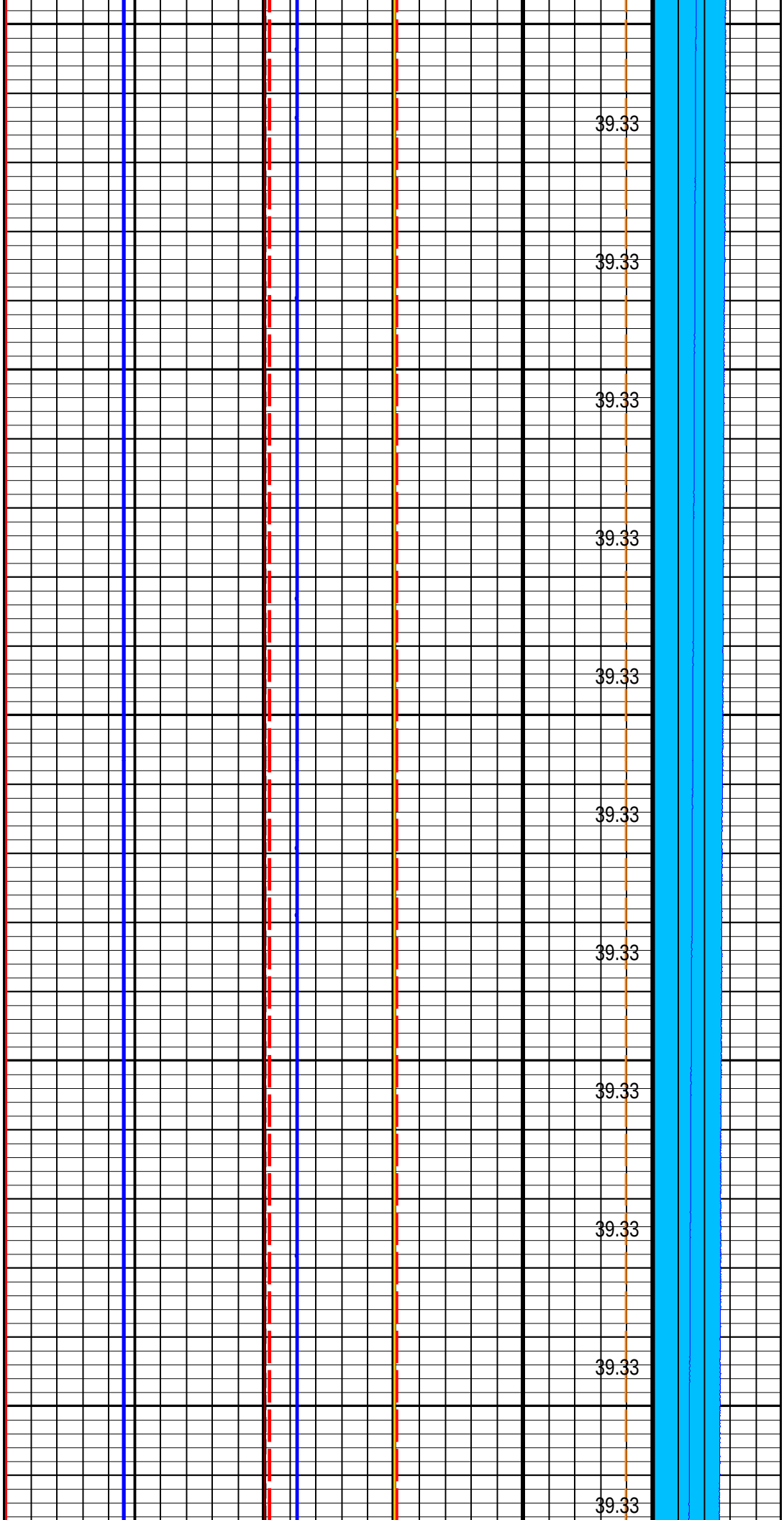
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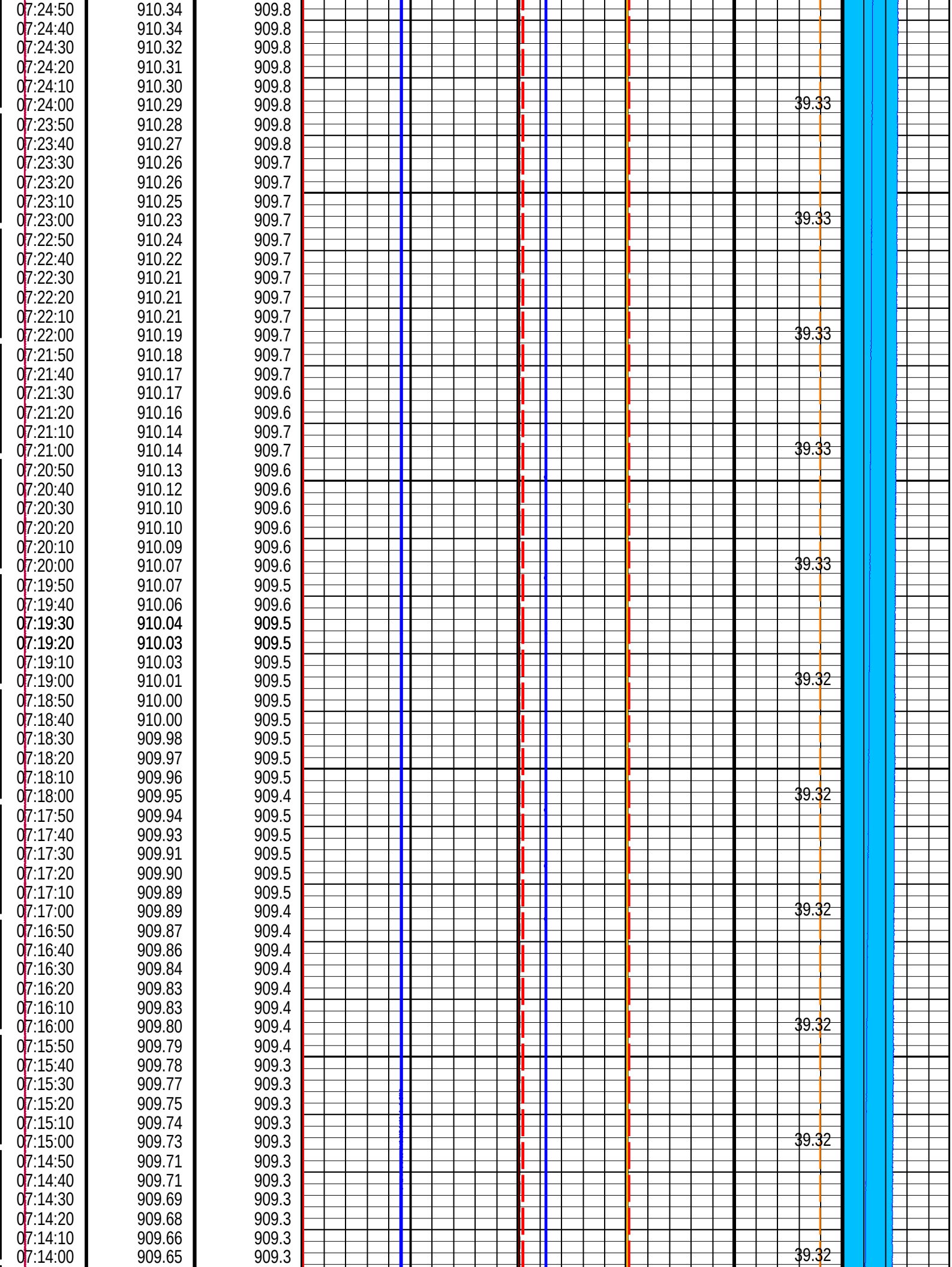
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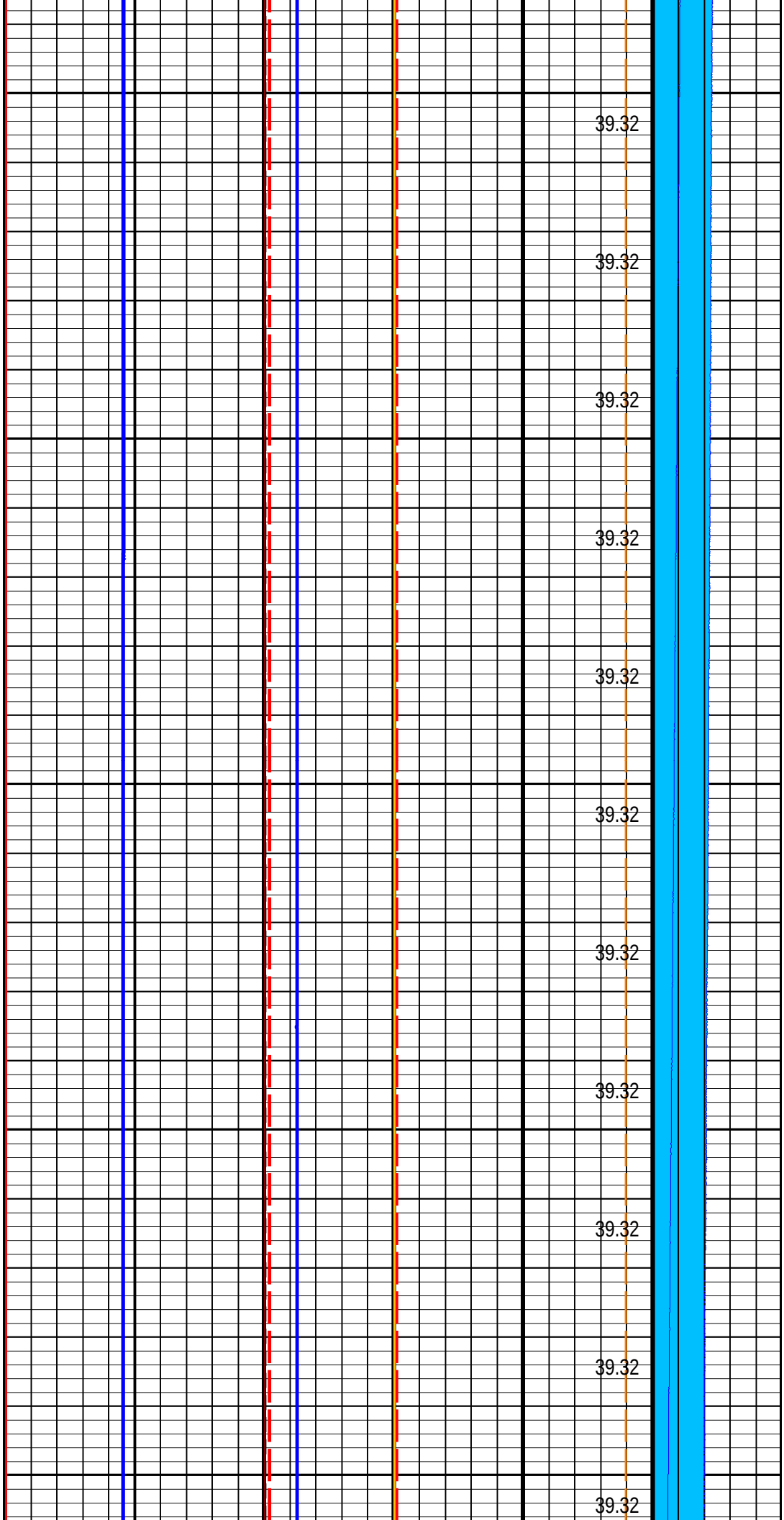
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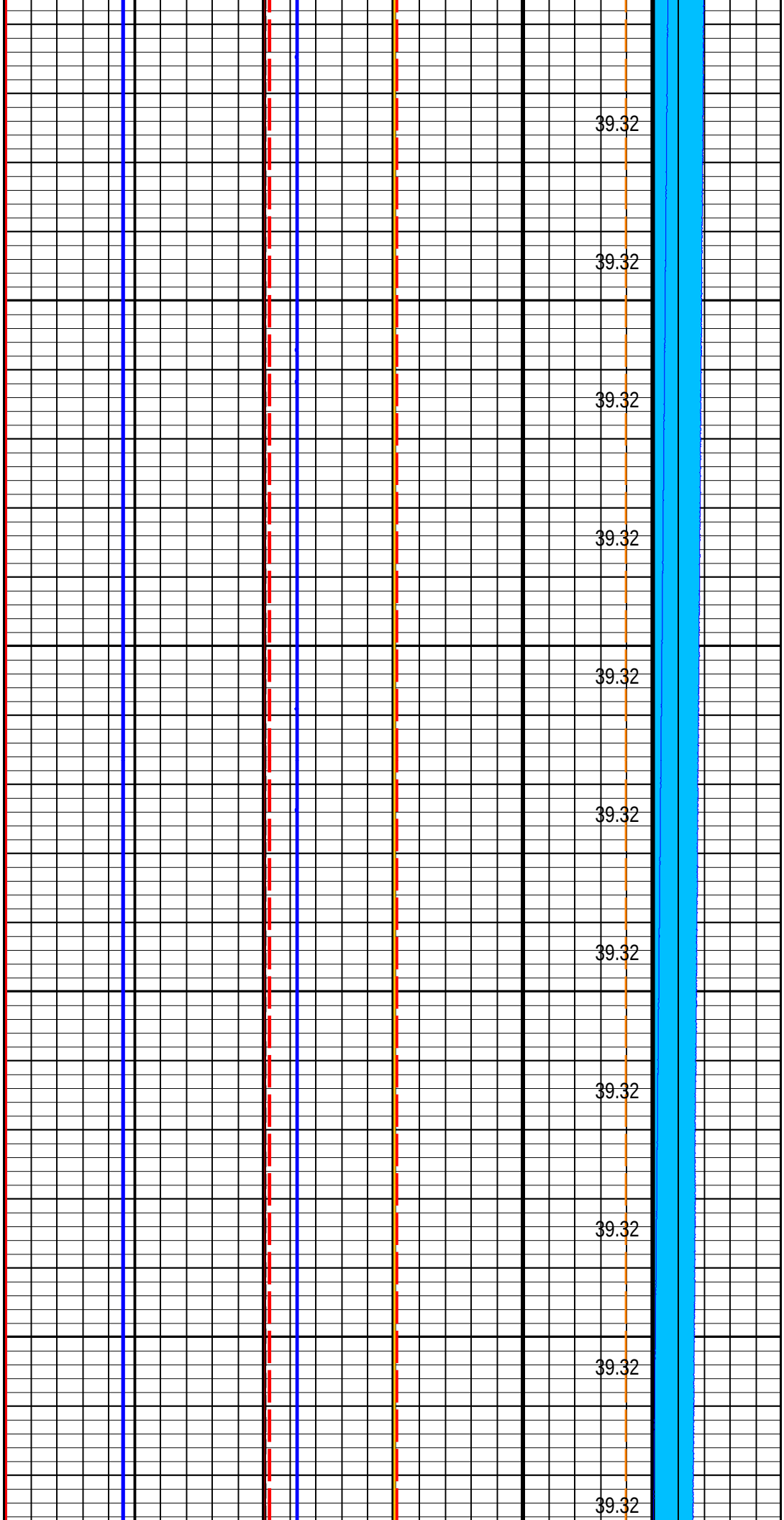
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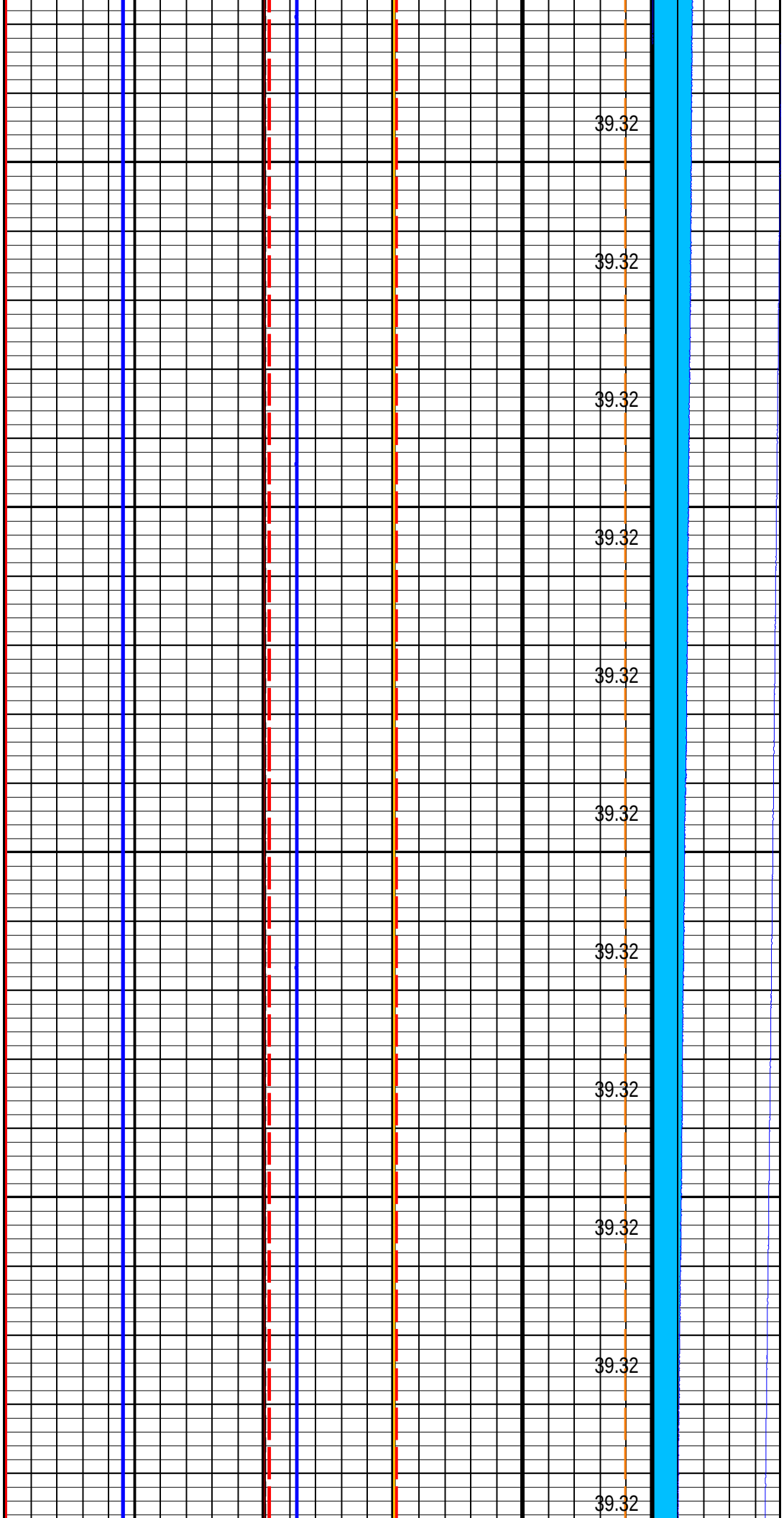
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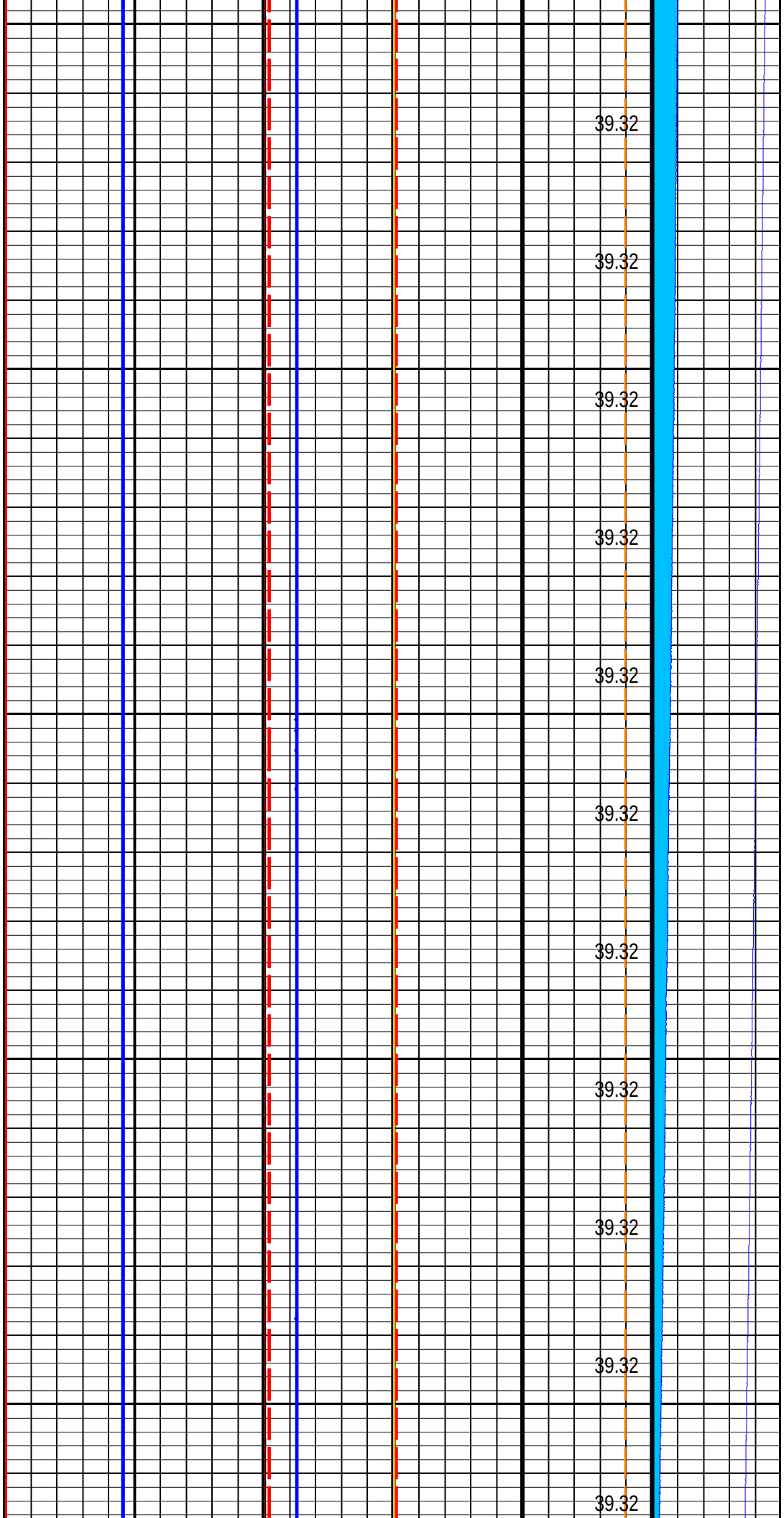
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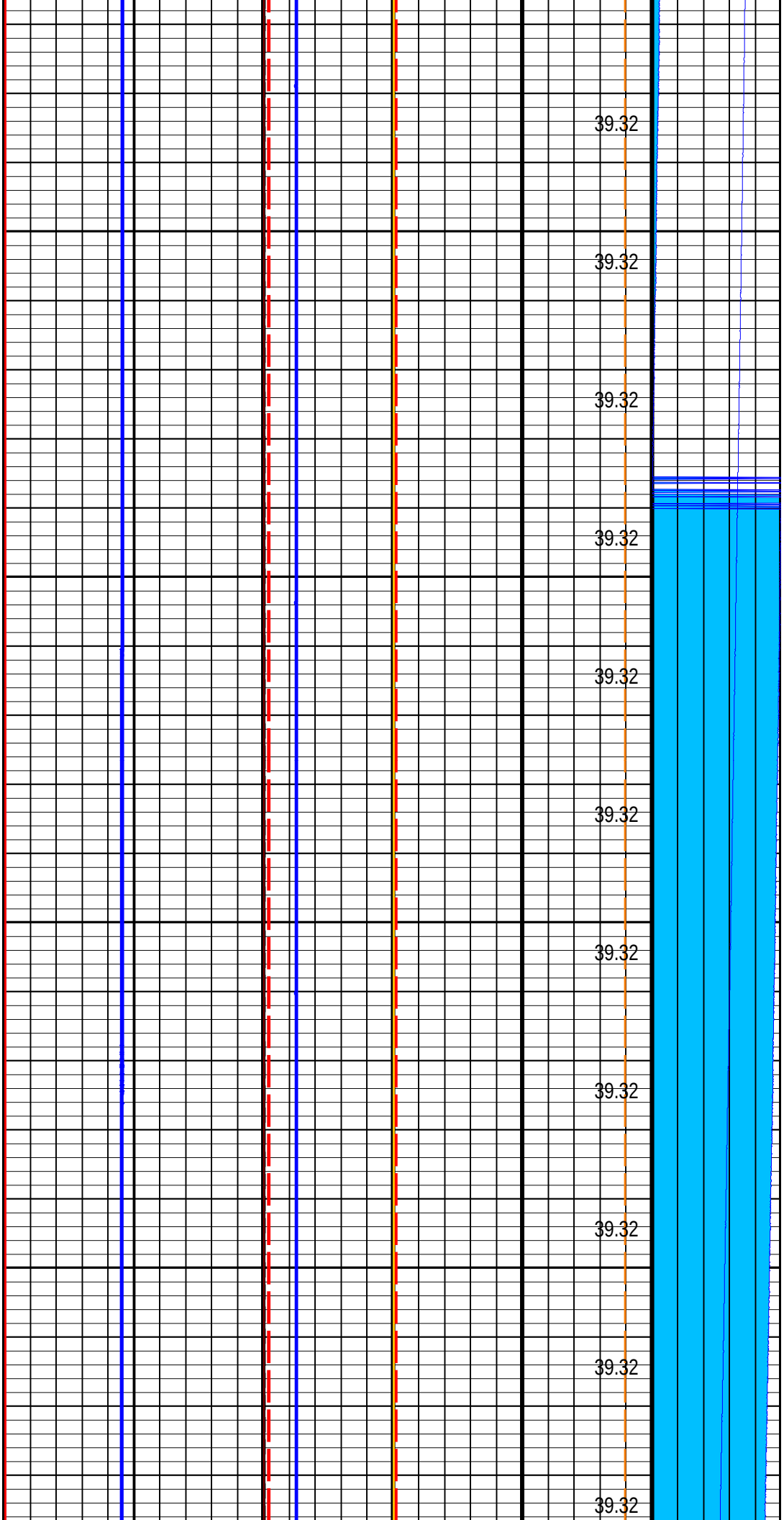
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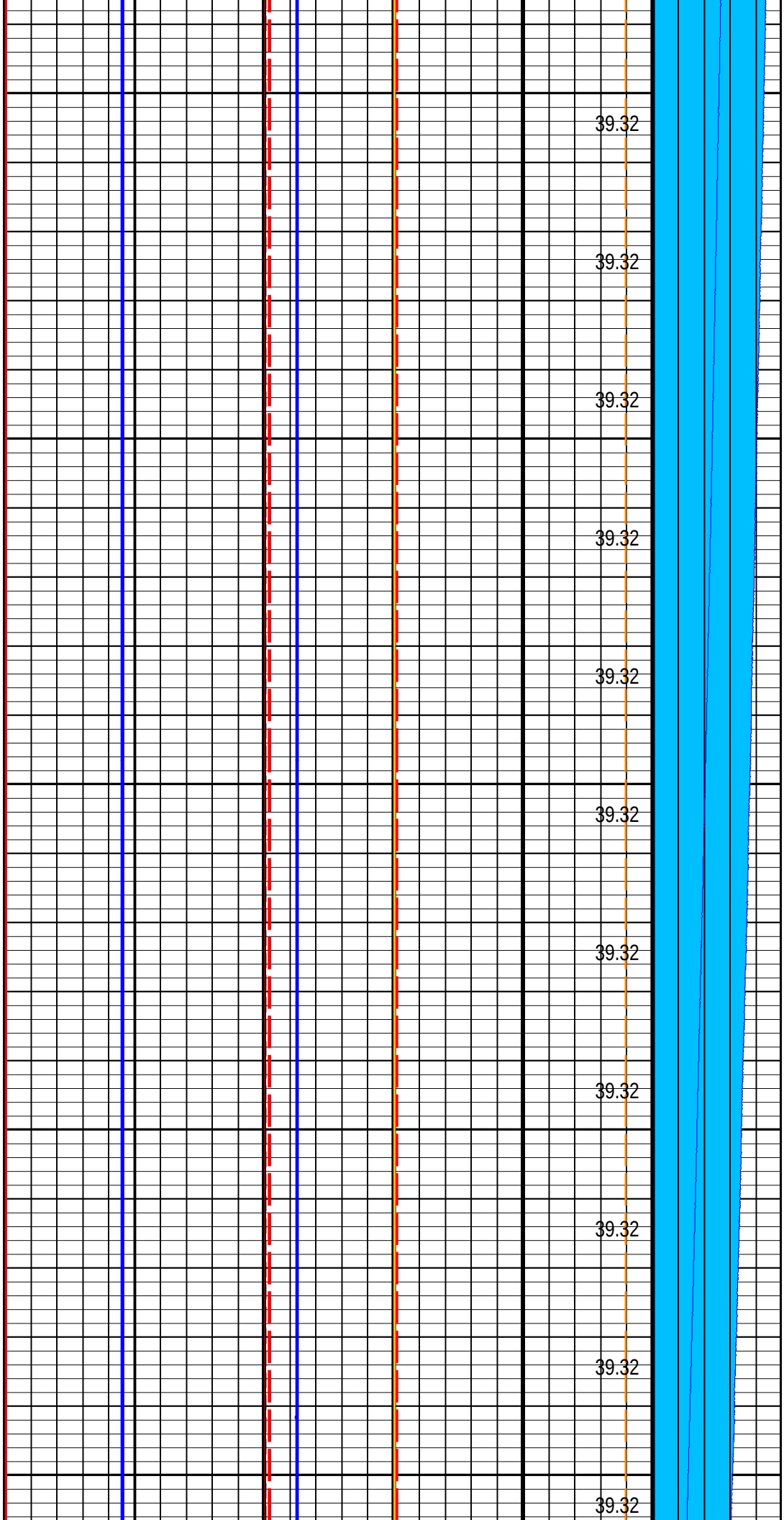
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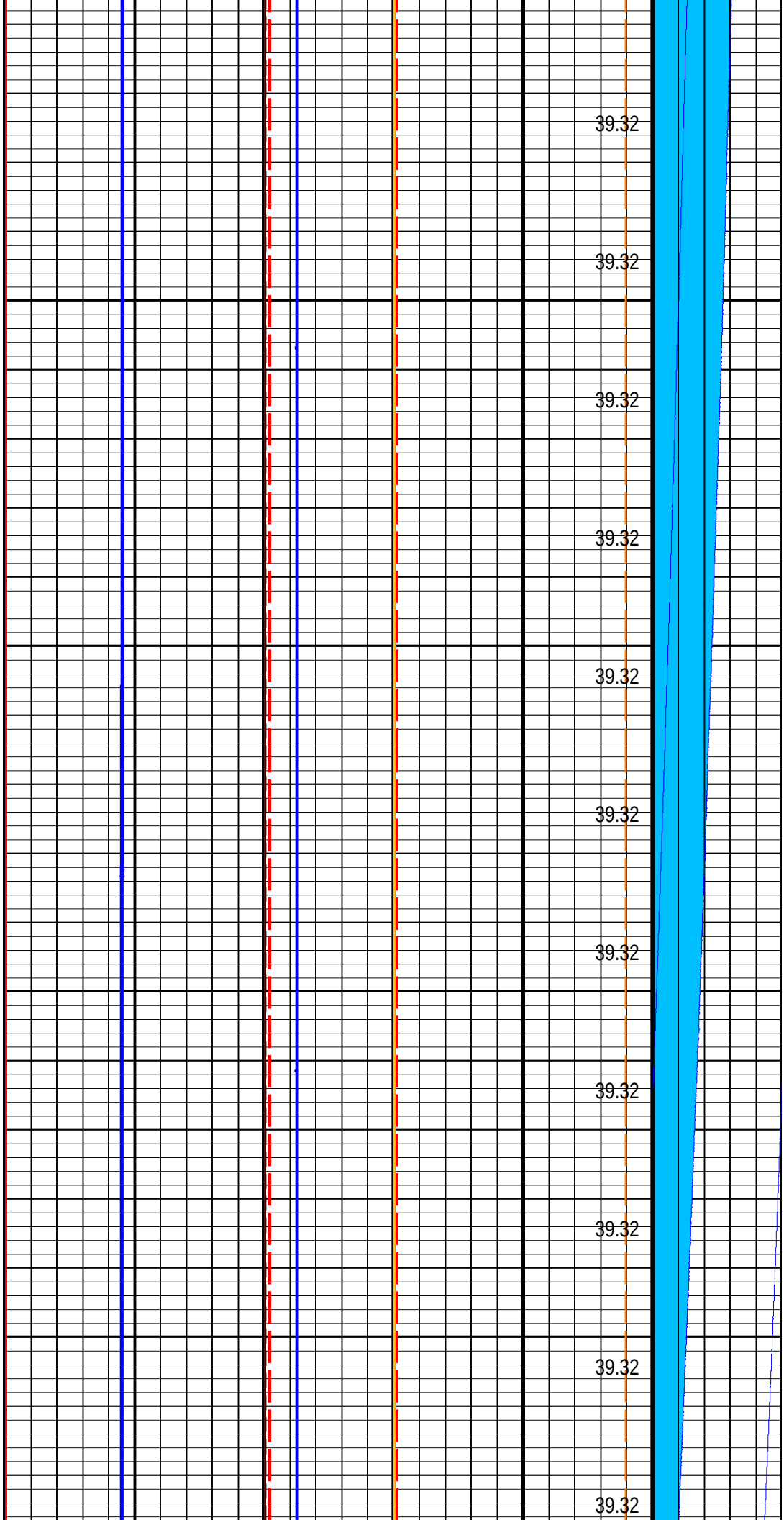
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06:21:00	903.23	903.8
06:20:50	903.21	903.8
06:20:40	903.17	903.7
06:20:30	903.14	903.7
06:20:20	903.11	903.7
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06:20:00	903.05	903.6
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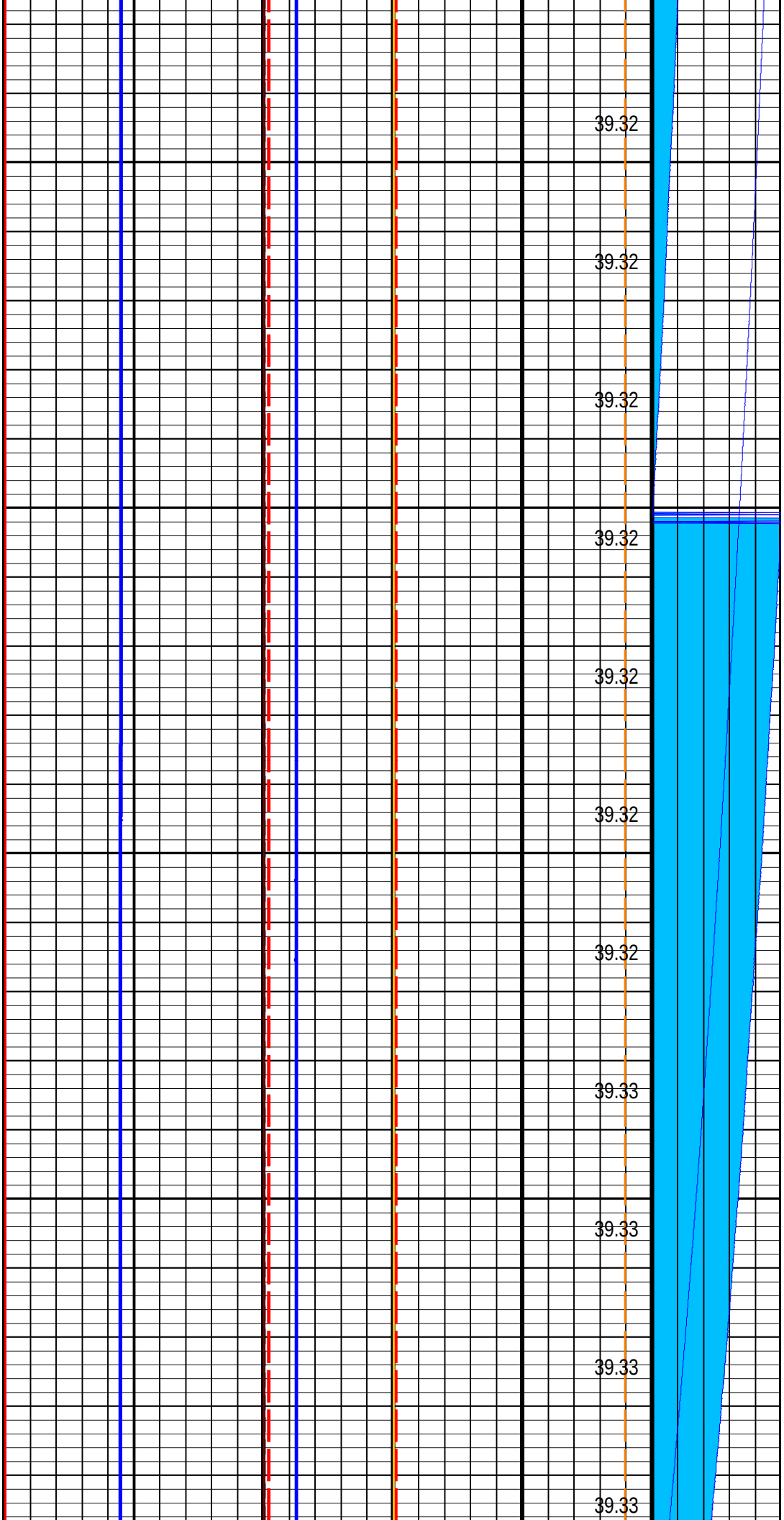
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06:09:40	900.71	901.3
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06:09:10	900.56	901.1
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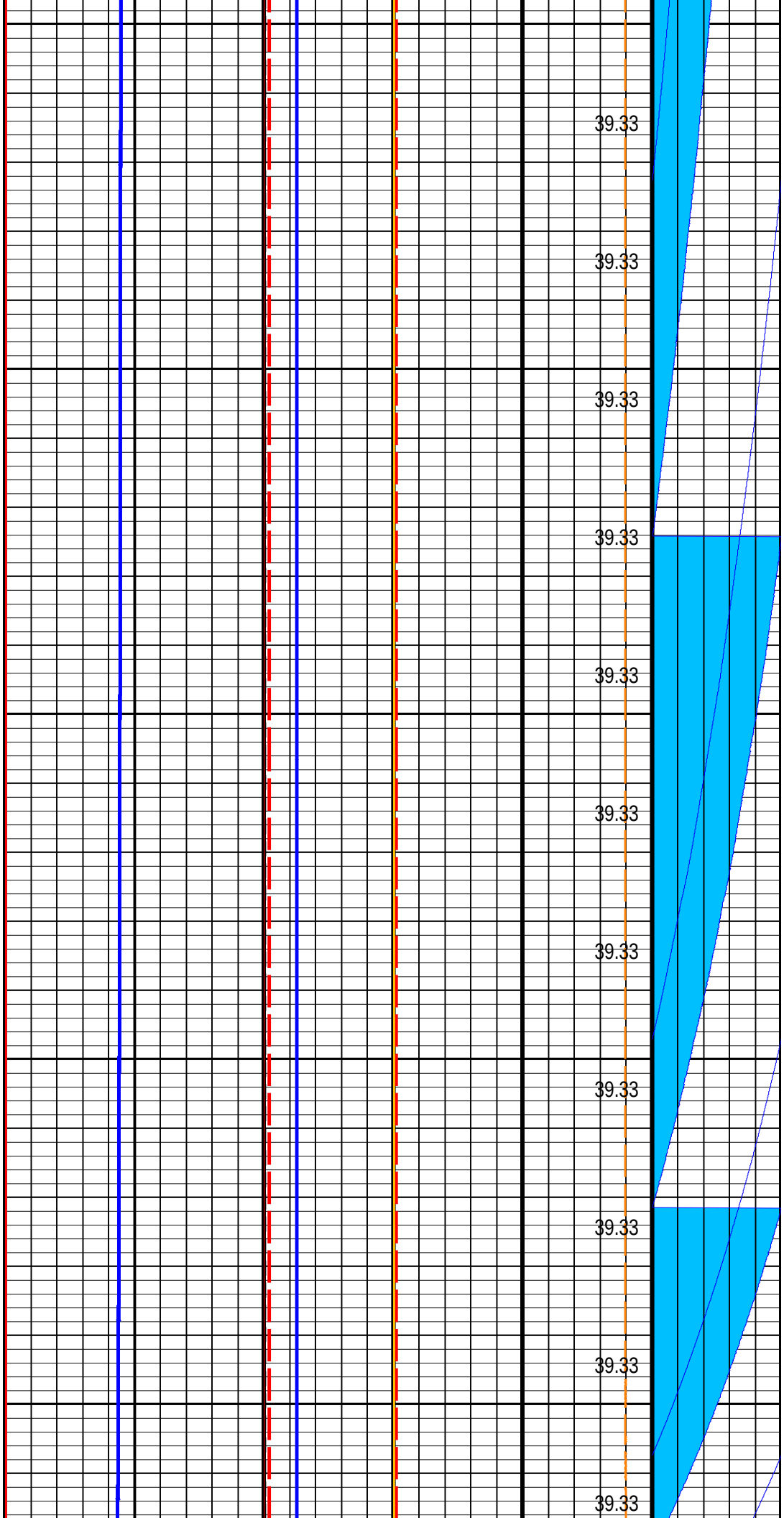
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05:57:50	896.65	897.1
05:57:40	896.57	897.0
05:57:30	896.50	896.9
05:57:20	896.42	896.9
05:57:10	896.34	896.8
05:57:00	896.27	896.7



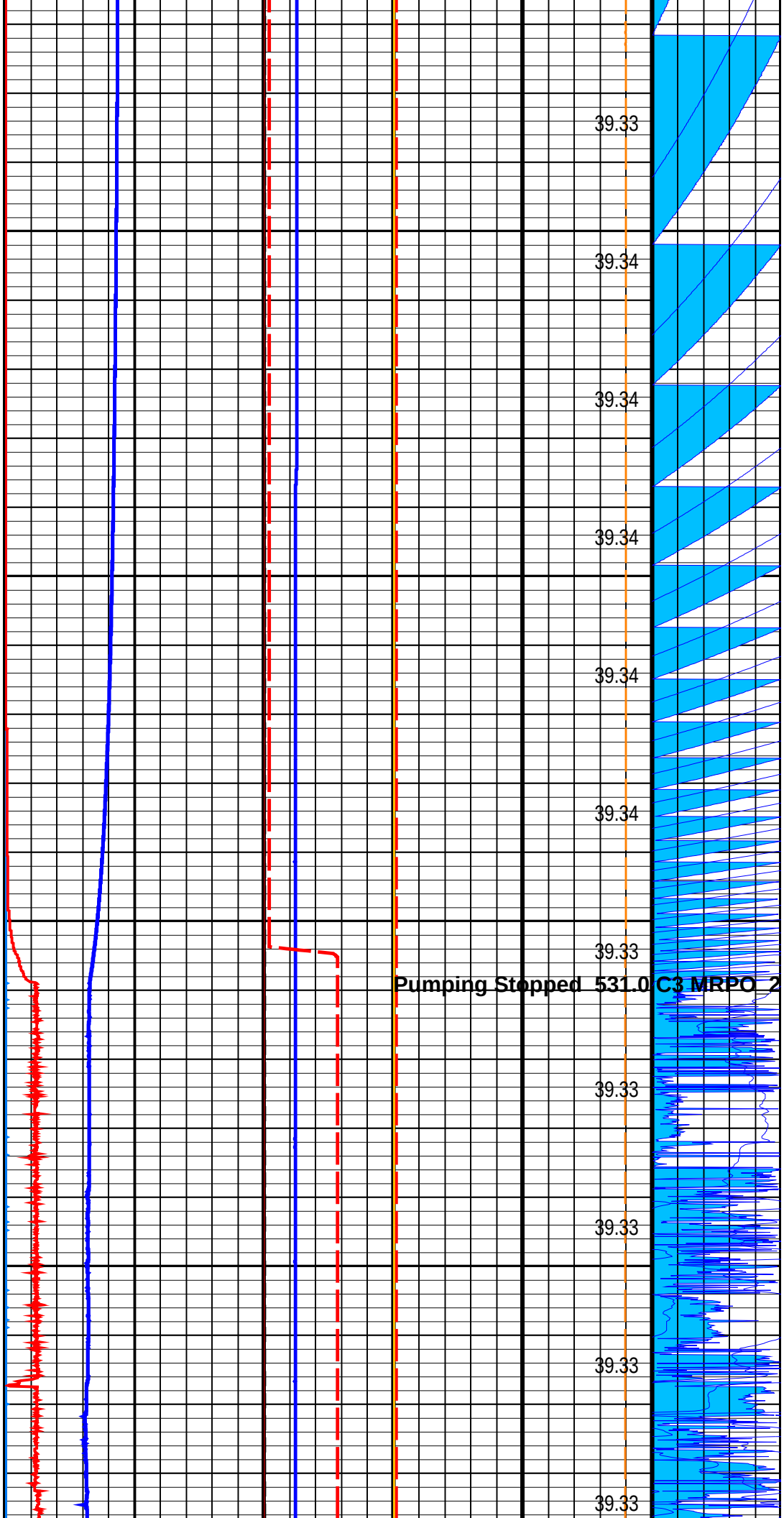
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05:56:00	895.80	896.2
05:55:50	895.72	896.1
05:55:40	895.62	896.0
05:55:30	895.55	895.9
05:55:20	895.46	895.9
05:55:10	895.37	895.8
05:55:00	895.30	895.7
05:54:50	895.21	895.6
05:54:40	895.12	895.5
05:54:30	895.03	895.4
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05:52:00	893.59	893.9
05:51:50	893.49	893.8
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05:51:00	892.97	893.3
05:50:50	892.86	893.2
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05:50:30	892.64	893.0
05:50:20	892.51	892.8
05:50:10	892.40	892.7
05:50:00	892.29	892.6
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05:49:40	892.04	892.4
05:49:30	891.93	892.2
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05:49:10	891.67	892.0
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05:48:40	891.30	891.6
05:48:30	891.18	891.5
05:48:20	891.03	891.4
05:48:10	890.90	891.2
05:48:00	890.78	891.1
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05:47:40	890.49	890.8
05:47:30	890.35	890.7
05:47:20	890.21	890.5
05:47:10	890.07	890.4
05:47:00	889.92	890.3
05:46:50	889.76	890.1
05:46:40	889.62	889.9
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05:46:10	889.16	889.5
05:46:00	889.00	889.3

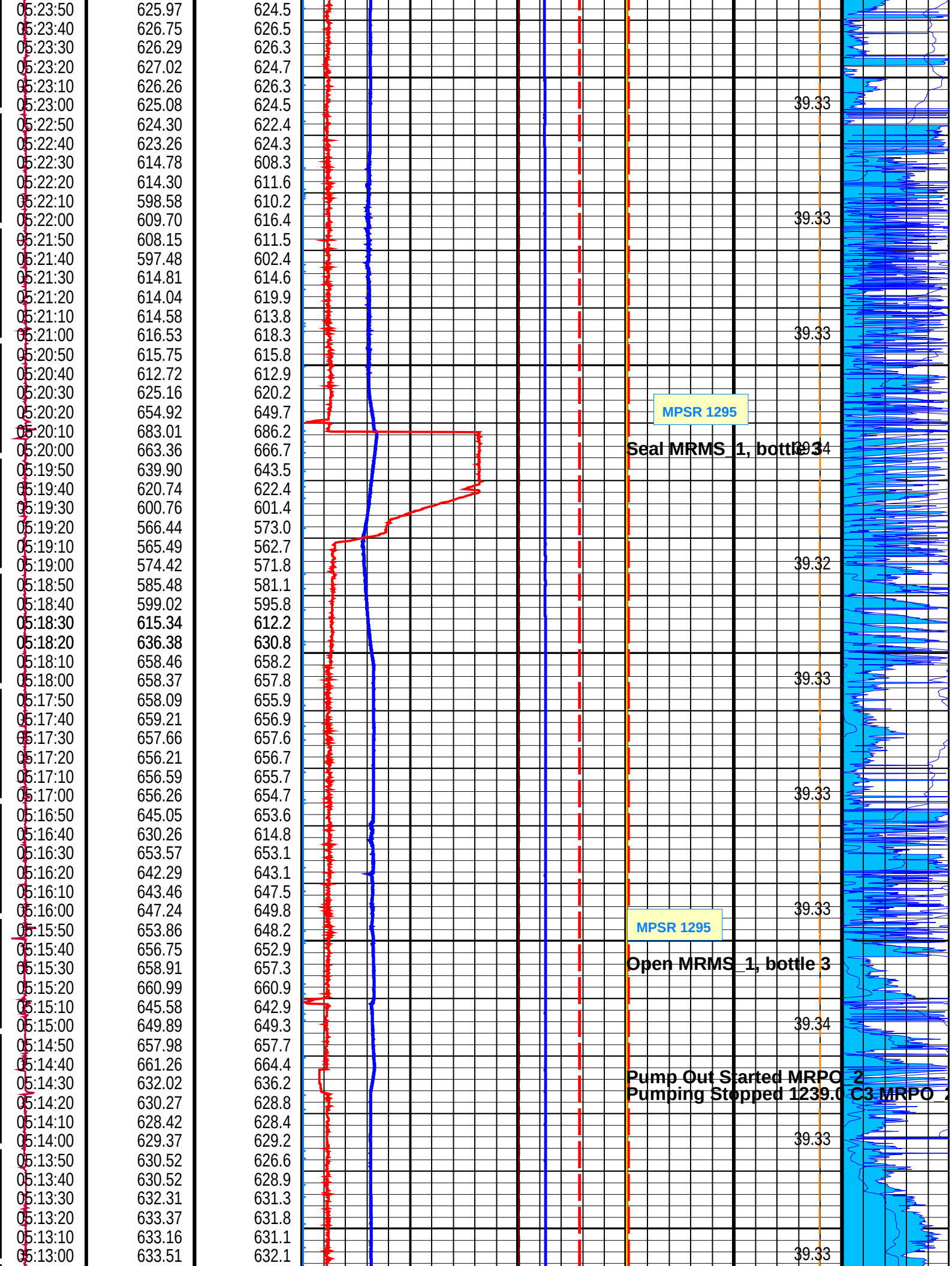


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05:41:30	883.56	883.9
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05:41:10	883.06	883.3
05:41:00	882.79	883.1
05:40:50	882.50	882.8
05:40:40	882.21	882.5
05:40:30	881.93	882.2
05:40:20	881.62	881.9
05:40:10	881.33	881.7
05:40:00	881.03	881.3
05:39:50	880.73	881.0
05:39:40	880.41	880.7
05:39:30	880.04	880.3
05:39:20	879.66	880.0
05:39:10	879.31	879.7
05:39:00	878.95	879.3
05:38:50	878.58	878.9
05:38:40	878.20	878.5
05:38:30	877.81	878.1
05:38:20	877.39	877.7
05:38:10	876.97	877.3
05:38:00	876.56	876.9
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05:37:00	873.68	874.0
05:36:50	873.13	873.5
05:36:40	872.57	872.9
05:36:30	871.99	872.4
05:36:20	871.38	871.8
05:36:10	870.77	871.2
05:36:00	870.13	870.5
05:35:50	869.44	869.9
05:35:40	868.76	869.2
05:35:30	868.03	868.5
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05:35:00	865.68	866.1

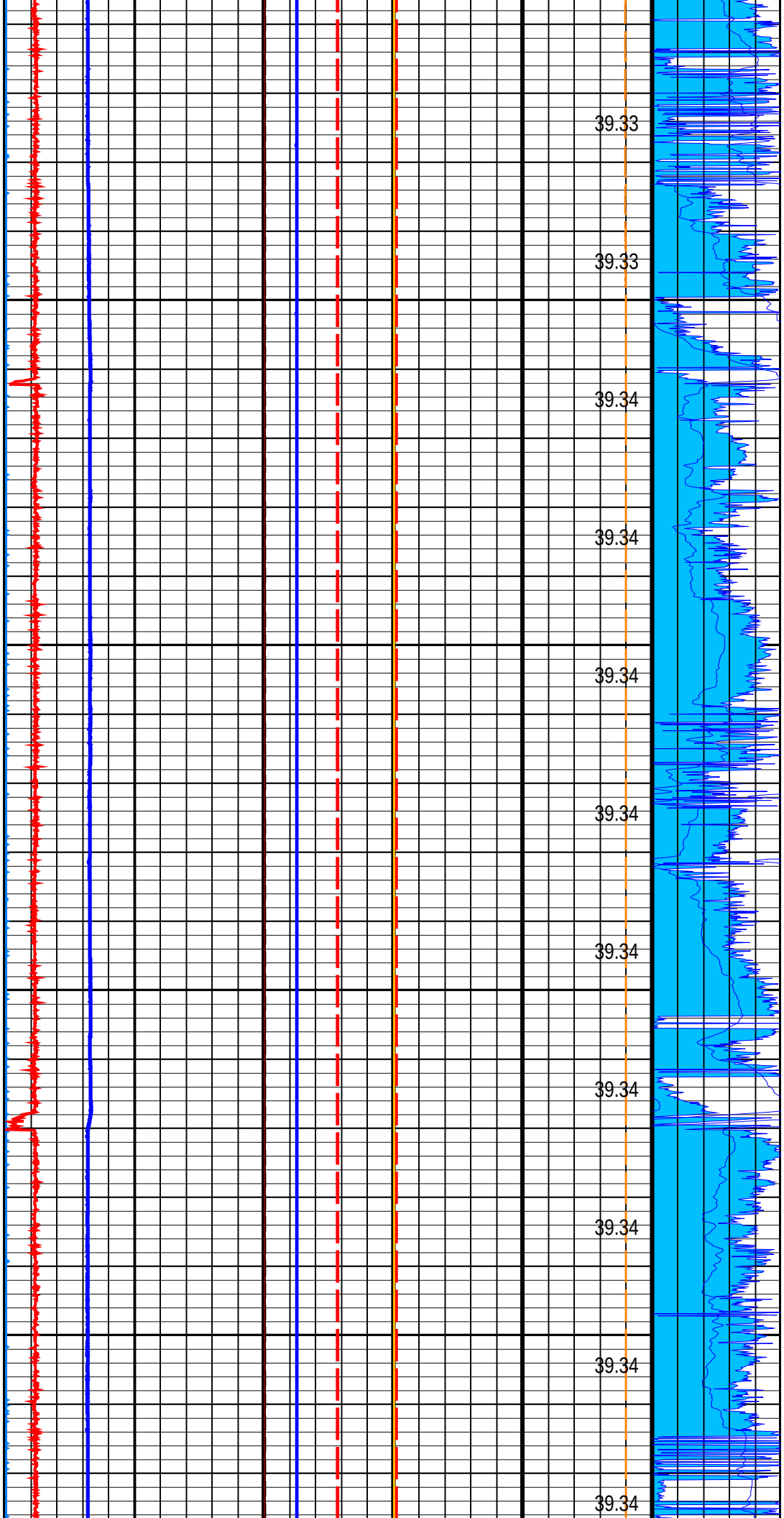


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05:32:50	850.63	851.5
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05:32:20	845.45	846.5
05:32:10	843.53	844.6
05:32:00	841.50	842.6
05:31:50	839.26	840.4
05:31:40	836.95	838.1
05:31:30	834.48	835.7
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05:31:10	828.95	830.2
05:31:00	825.91	827.3
05:30:50	822.56	823.9
05:30:40	819.04	820.5
05:30:30	815.27	816.7
05:30:20	811.02	812.5
05:30:10	806.56	808.1
05:30:00	801.71	803.4
05:29:50	796.23	798.0
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05:29:30	784.00	785.8
05:29:20	776.70	778.6
05:29:10	768.83	771.0
05:29:00	760.09	762.2
05:28:50	749.91	752.2
05:28:40	738.60	740.9
05:28:30	726.01	728.6
05:28:20	710.79	713.6
05:28:10	693.22	696.2
05:28:00	671.59	674.8
05:27:50	648.33	648.4
05:27:40	644.21	645.3
05:27:30	641.85	641.2
05:27:20	644.72	645.0
05:27:10	646.02	644.7
05:27:00	646.98	646.9
05:26:50	647.12	646.3
05:26:40	645.37	647.0
05:26:30	644.41	644.8
05:26:20	636.82	628.1
05:26:10	634.25	631.4
05:26:00	634.25	634.2
05:25:50	633.80	640.6
05:25:40	636.51	636.6
05:25:30	639.77	640.9
05:25:20	639.38	639.3
05:25:10	634.98	634.8
05:25:00	637.19	635.0
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05:24:40	615.00	612.8
05:24:30	615.75	606.5
05:24:20	622.95	622.9
05:24:10	628.33	624.1
05:24:00	629.79	628.6

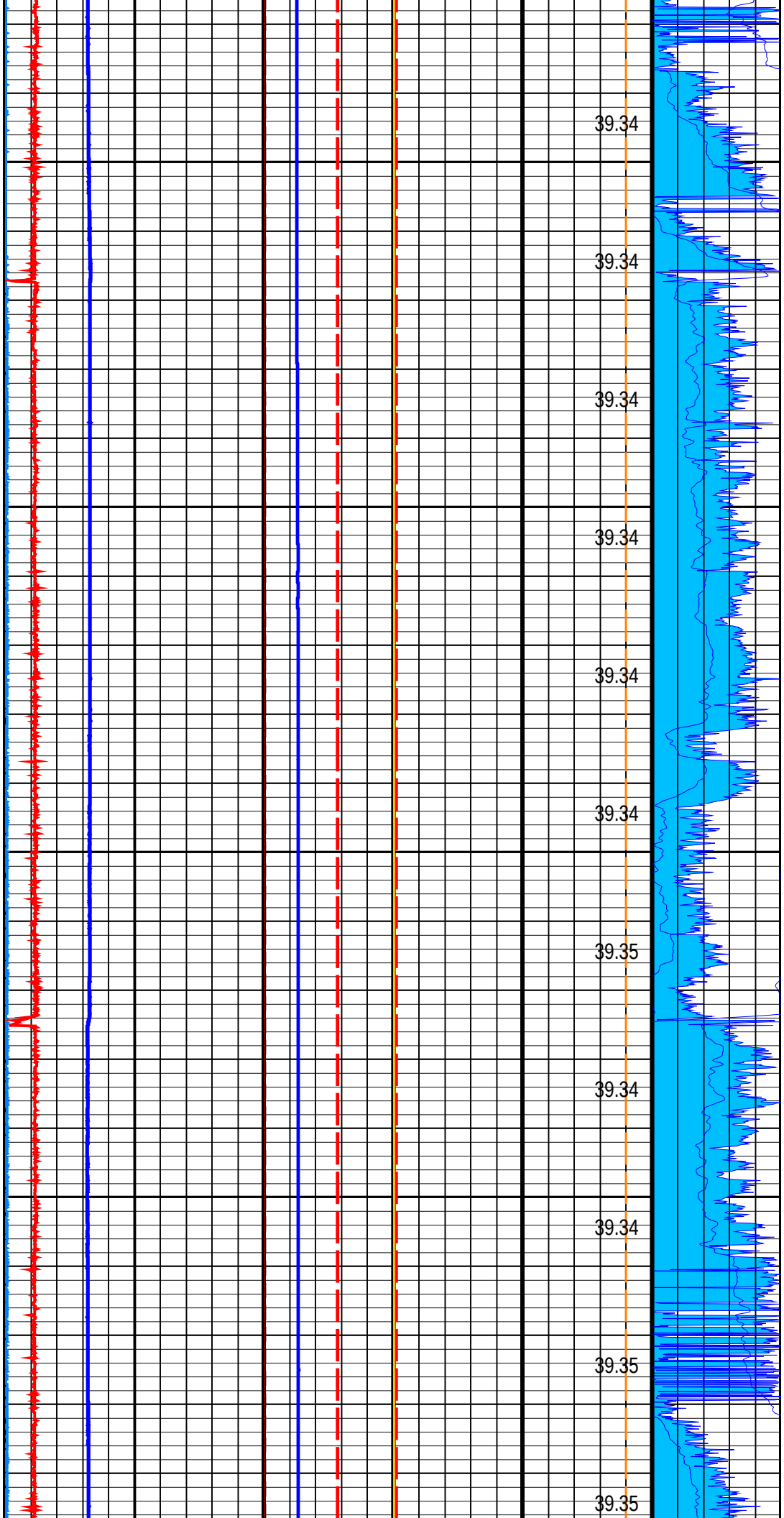



MPSR 1295
Seal MRMS_1, bottle 3
MPSR 1295
Open MRMS_1, bottle 3
Pump Out Started MRPO_2
Pumping Stopped 1239.0 C3 MRPO_2

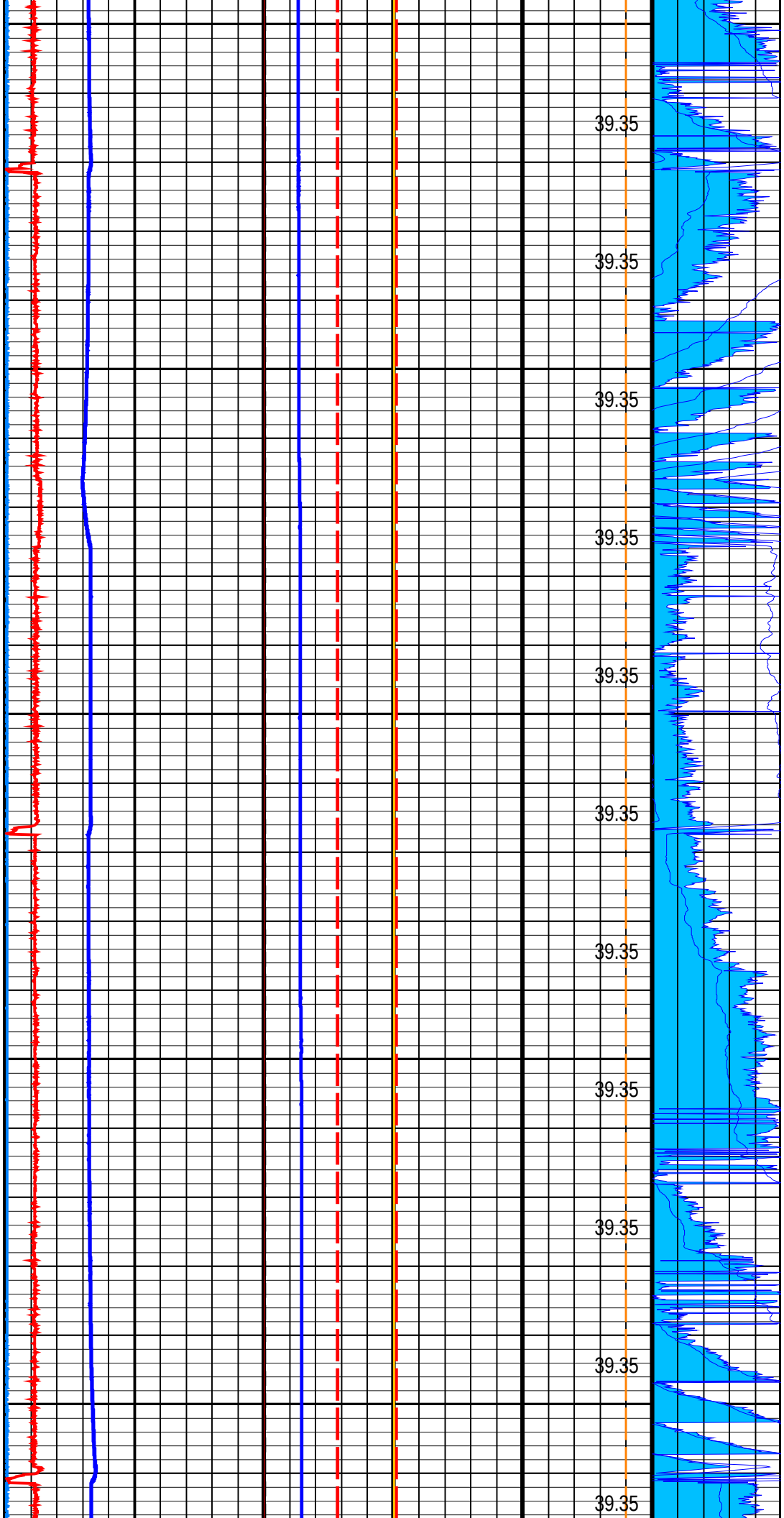
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05:11:40	636.22	636.3
05:11:30	641.34	640.1
05:11:20	641.26	642.8
05:11:10	642.98	642.3
05:11:00	643.78	642.5
05:10:50	646.04	643.7
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05:10:20	655.20	652.4
05:10:10	652.42	652.6
05:10:00	650.65	649.5
05:09:50	651.91	649.7
05:09:40	652.14	651.9
05:09:30	650.89	650.7
05:09:20	651.83	653.6
05:09:10	650.94	650.6
05:09:00	651.41	650.0
05:08:50	651.19	649.6
05:08:40	651.55	649.8
05:08:30	653.33	652.3
05:08:20	653.85	653.3
05:08:10	653.40	653.1
05:08:00	653.22	652.4
05:07:50	654.00	654.5
05:07:40	652.58	653.7
05:07:30	654.00	653.5
05:07:20	649.54	649.3
05:07:10	649.75	643.9
05:07:00	651.07	651.8
05:06:50	650.70	650.3
05:06:40	649.20	645.5
05:06:30	651.79	651.7
05:06:20	652.20	650.7
05:06:10	652.11	651.0
05:06:00	653.47	651.5
05:05:50	654.43	653.8
05:05:40	655.00	653.7
05:05:30	653.97	654.0
05:05:20	652.82	652.7
05:05:10	656.80	654.6
05:05:00	658.47	656.6
05:04:50	643.75	647.7
05:04:40	634.71	634.5
05:04:30	633.62	633.7
05:04:20	633.27	633.3
05:04:10	632.20	632.2
05:04:00	632.36	632.1
05:03:50	633.57	633.4
05:03:40	632.29	631.7
05:03:30	632.97	631.7
05:03:20	632.97	631.7
05:03:10	632.95	631.6
05:03:00	632.54	632.0
05:02:50	632.92	632.0
05:02:40	633.80	632.3
05:02:30	635.50	634.9
05:02:20	635.17	635.0
05:02:10	635.93	635.6
05:02:00	636.12	633.6



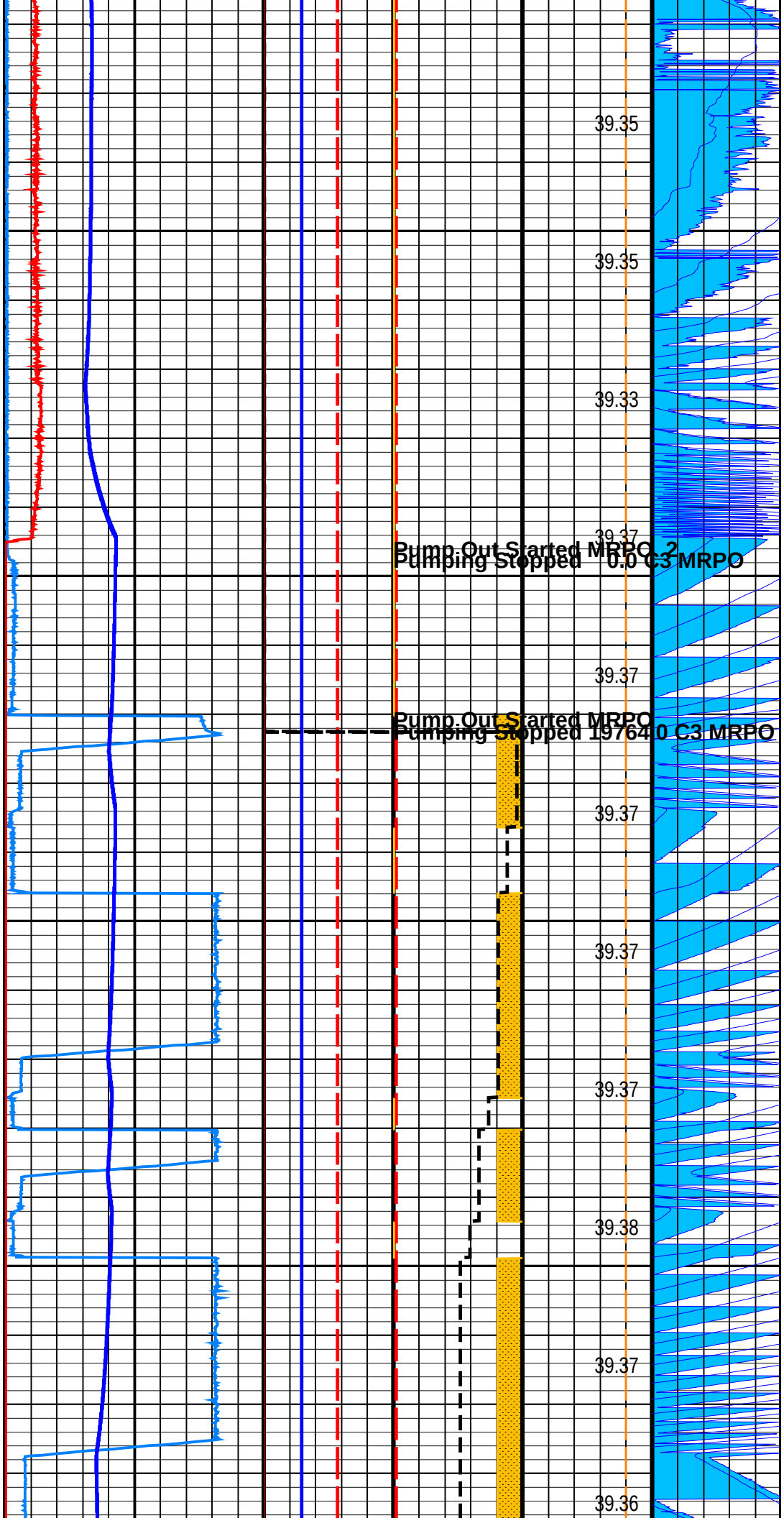
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05:01:00	641.85	642.8
05:00:50	642.59	640.8
05:00:40	644.14	642.9
05:00:30	646.70	646.5
05:00:20	648.91	647.3
05:00:10	651.76	650.2
05:00:00	656.76	654.6
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04:59:40	651.49	649.7
04:59:30	652.28	651.4
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04:59:00	650.87	651.1
04:58:50	650.85	650.2
04:58:40	650.84	650.3
04:58:30	652.17	650.0
04:58:20	651.52	649.8
04:58:10	651.69	651.7
04:58:00	652.06	652.2
04:57:50	652.39	648.1
04:57:40	651.91	652.3
04:57:30	651.54	650.9
04:57:20	652.62	651.3
04:57:10	652.84	652.1
04:57:00	652.52	650.8
04:56:50	652.51	651.7
04:56:40	649.65	649.7
04:56:30	650.30	650.1
04:56:20	652.23	651.2
04:56:10	649.19	650.1
04:56:00	649.19	648.6
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04:55:30	648.80	648.3
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04:55:10	649.71	648.6
04:55:00	649.72	649.7
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04:54:40	648.27	647.8
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04:54:20	633.73	633.9
04:54:10	632.69	631.2
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04:53:50	632.55	631.9
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04:53:20	632.03	631.8
04:53:10	632.36	632.1
04:53:00	633.00	634.1
04:52:50	634.59	633.4
04:52:40	634.79	634.5
04:52:30	635.35	633.0
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04:52:10	635.88	633.7
04:52:00	635.86	634.7
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04:51:10	641.77	640.6
04:51:00	641.73	640.4



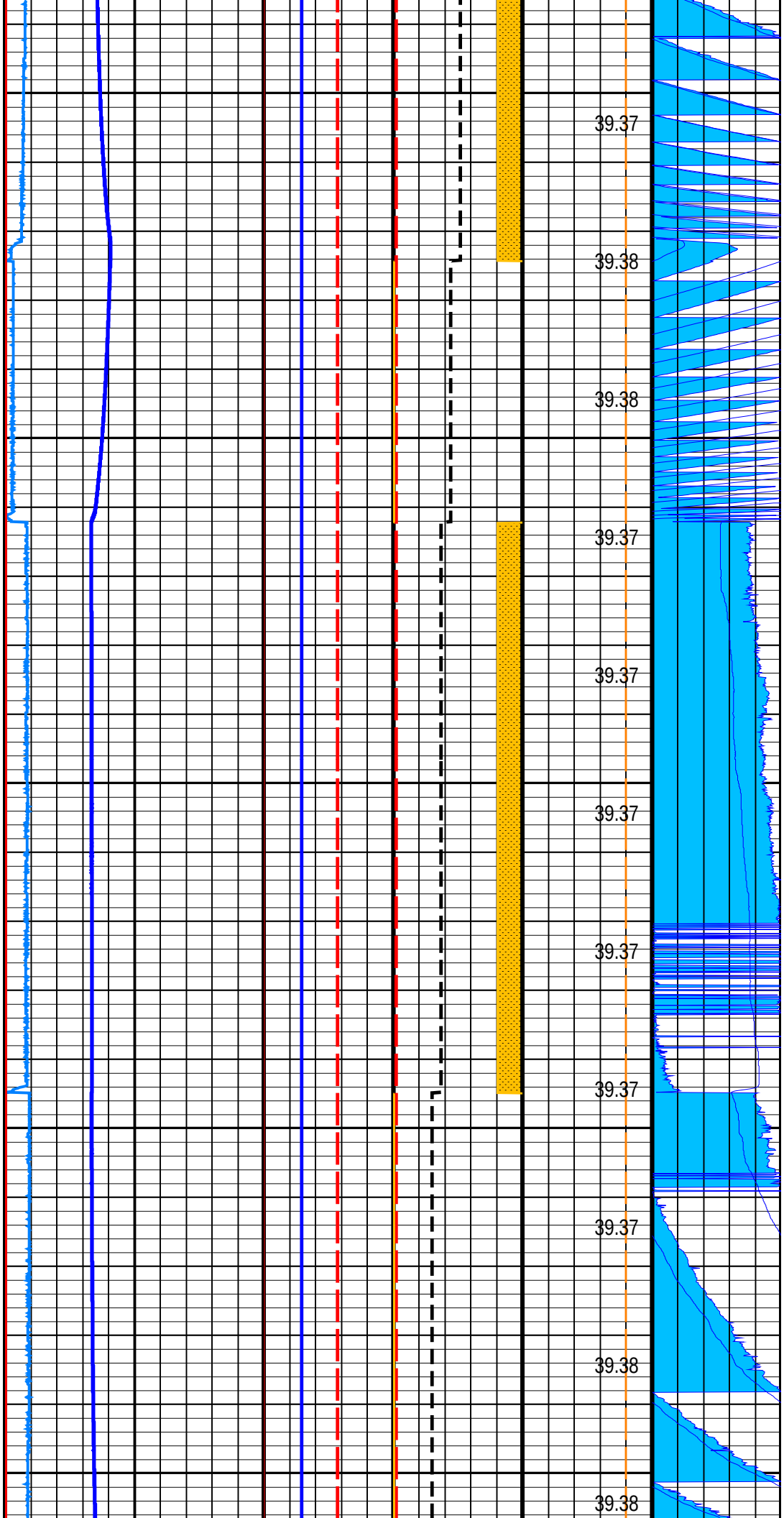
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04:48:50	636.46	637.4
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04:44:10	641.40	639.7
04:44:00	642.79	639.5
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04:43:20	643.97	642.3
04:43:10	644.13	642.4
04:43:00	644.97	643.7
04:42:50	644.86	644.5
04:42:40	645.39	643.5
04:42:30	646.88	644.0
04:42:20	648.85	646.8
04:42:10	649.84	647.6
04:42:00	650.71	649.7
04:41:50	653.43	655.3
04:41:40	656.21	655.7
04:41:30	657.20	654.0
04:41:20	659.02	657.7
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04:41:00	665.51	662.8
04:40:50	671.89	668.8
04:40:40	677.66	674.5
04:40:30	683.89	680.6
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04:40:00	663.42	662.6



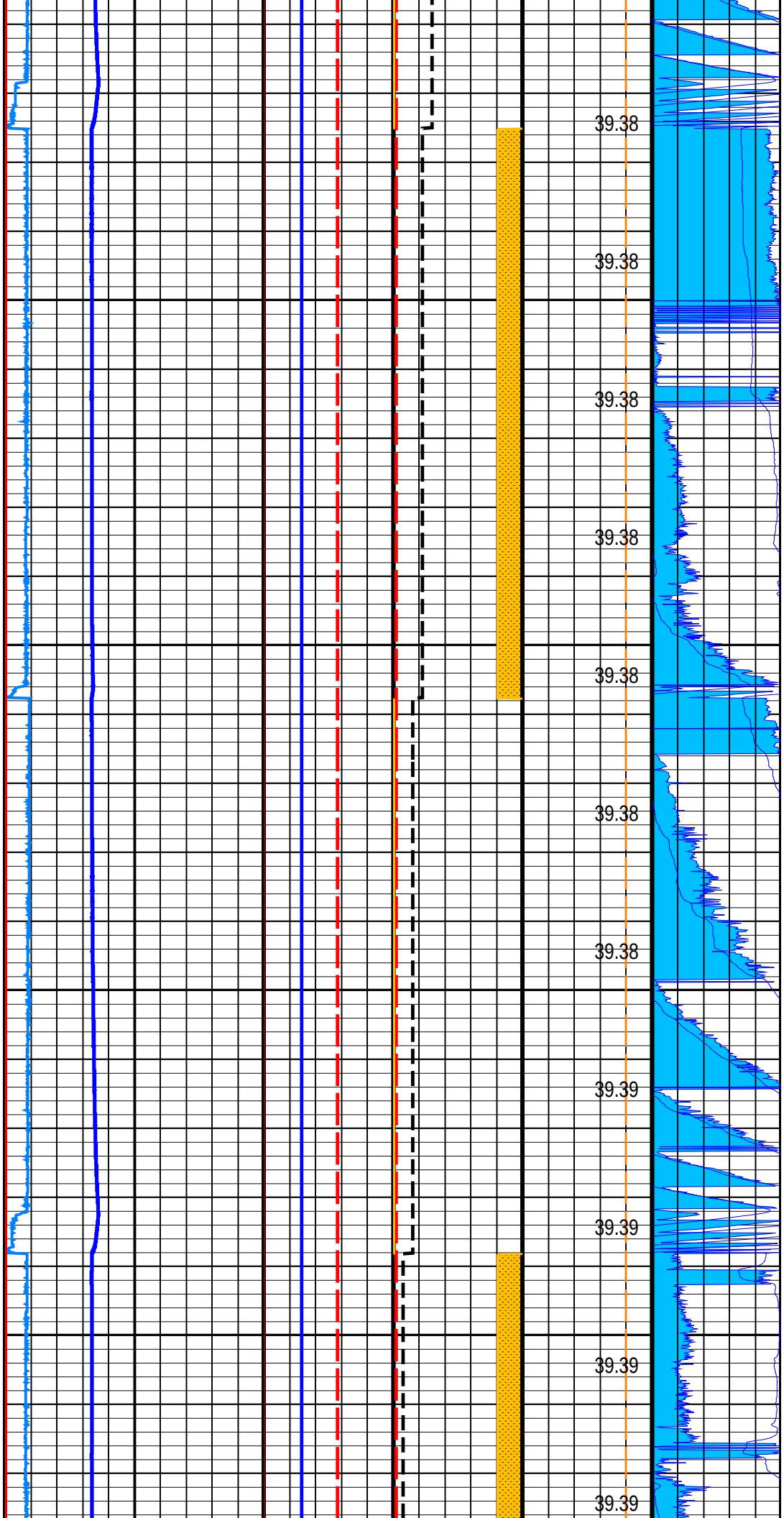
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04:35:20	836.94	838.5
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04:35:00	826.34	828.0
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04:34:00	847.88	848.8
04:33:50	845.44	846.7
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04:33:20	834.29	835.8
04:33:10	830.05	831.6
04:33:00	825.18	826.8
04:32:50	819.16	820.9
04:32:40	812.00	813.9
04:32:30	803.06	805.2
04:32:20	793.05	793.4
04:32:10	808.52	803.9
04:32:00	819.02	820.8
04:31:50	812.55	814.6
04:31:40	802.16	804.3
04:31:30	791.83	793.5
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04:31:00	814.54	816.1
04:30:50	806.98	808.7
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04:30:30	792.76	794.7
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04:30:00	762.50	764.9
04:29:50	748.49	751.2
04:29:40	731.99	734.9
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04:29:10	706.17	703.6
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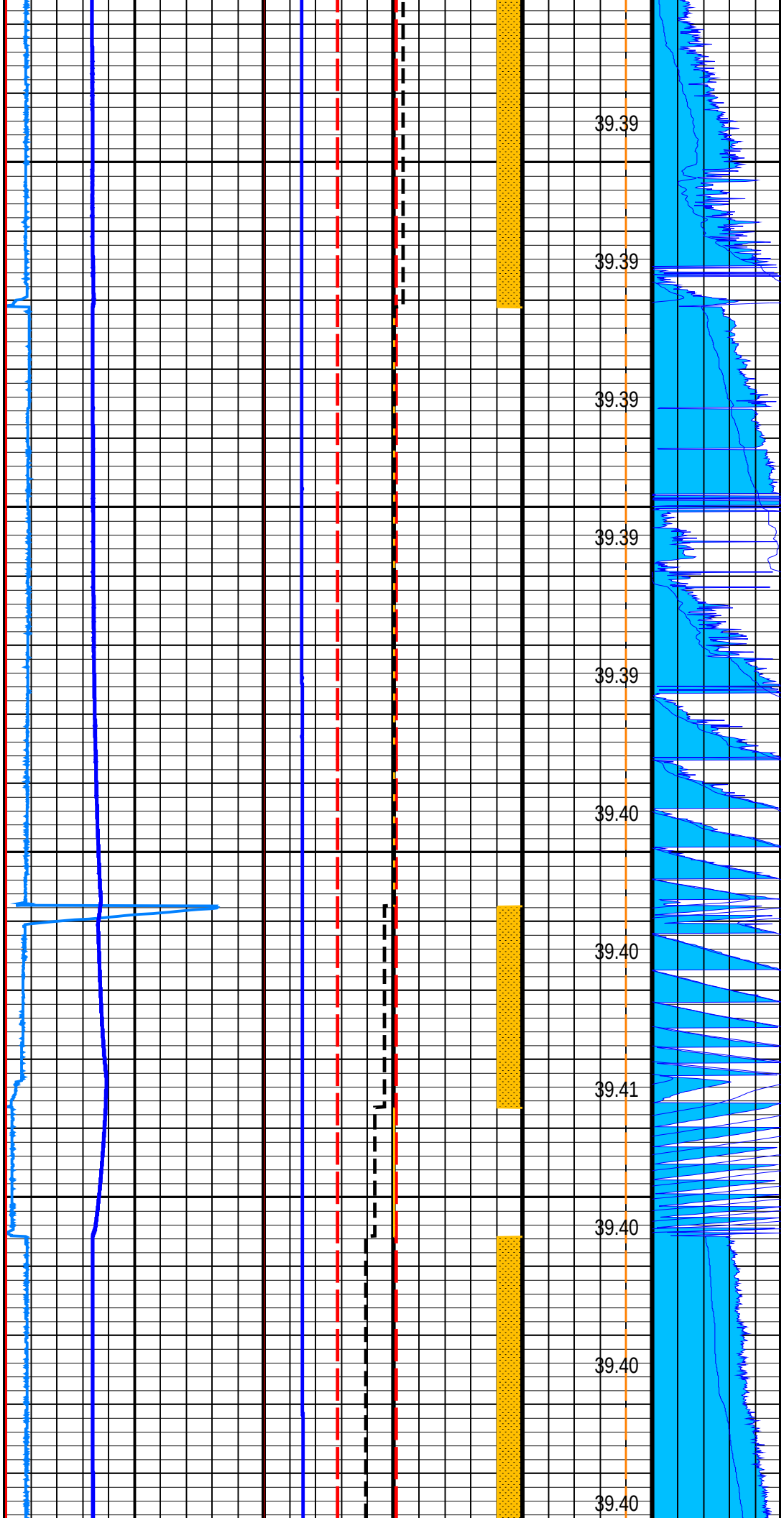
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04:27:00	805.50	807.1
04:26:50	799.53	801.3
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04:26:30	785.98	787.9
04:26:20	777.76	779.7
04:26:10	768.77	770.8
04:26:00	758.60	760.7
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04:25:20	698.80	701.9
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04:25:00	663.48	662.3
04:24:50	663.53	662.0
04:24:40	663.69	662.2
04:24:30	664.01	662.7
04:24:20	664.21	662.8
04:24:10	664.39	662.9
04:24:00	664.51	663.4
04:23:50	664.50	663.5
04:23:40	664.51	663.3
04:23:30	664.64	663.3
04:23:20	664.82	663.4
04:23:10	665.11	663.9
04:23:00	665.17	663.6
04:22:50	665.27	664.0
04:22:40	665.44	664.0
04:22:30	665.63	664.2
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04:22:10	665.77	664.7
04:22:00	665.78	664.5
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04:21:20	666.43	665.2
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04:21:00	664.51	662.7
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04:20:40	665.25	663.6
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04:20:10	667.28	665.5
04:20:00	668.27	666.4
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04:19:30	671.60	669.5
04:19:20	672.77	671.0
04:19:10	674.10	672.0
04:19:00	675.44	673.3
04:18:50	677.75	675.5
04:18:40	679.98	677.6
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04:18:10	688.71	686.0
04:18:00	692.40	689.6



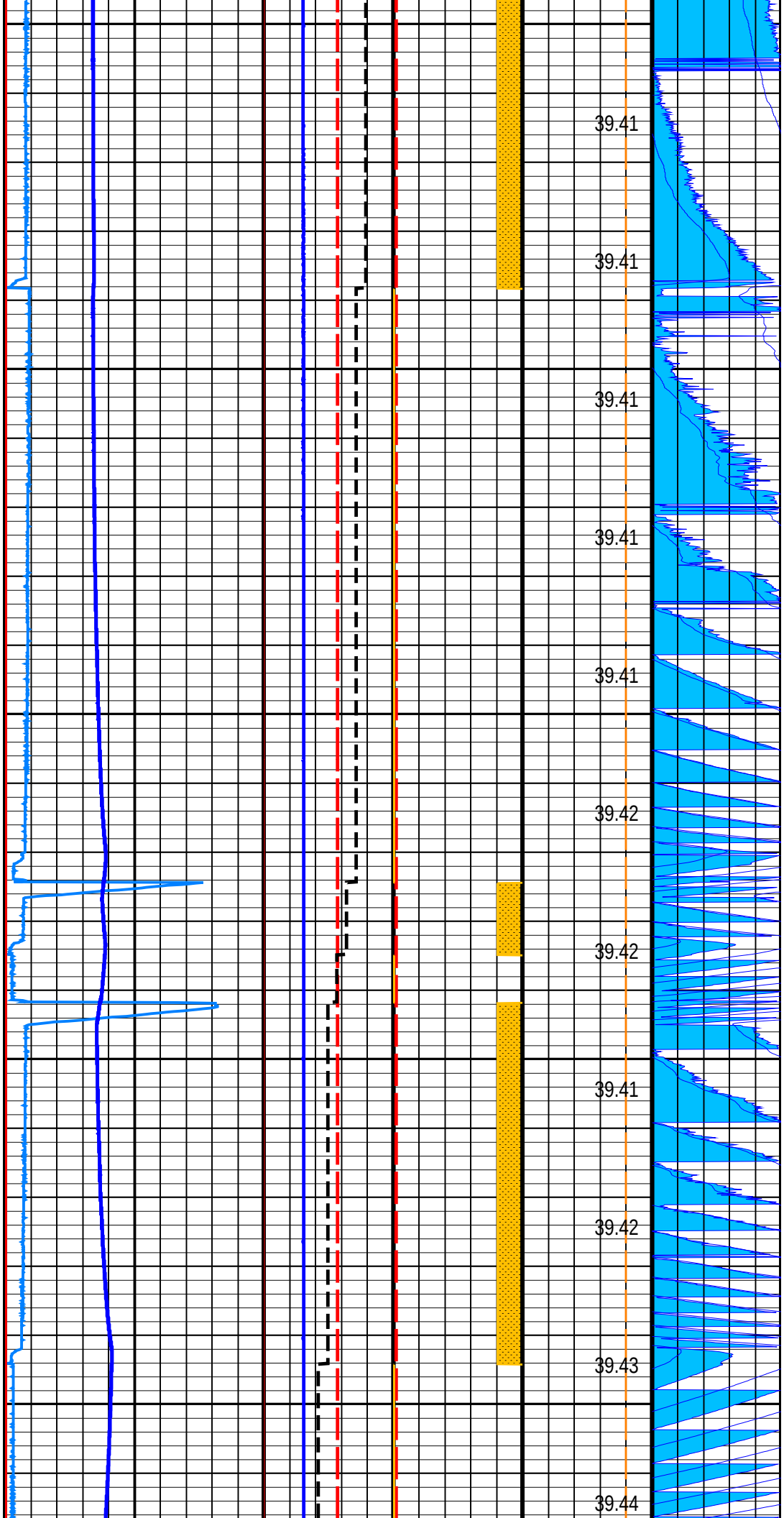
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04:08:50	666.93	666.6
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04:08:20	668.09	667.8
04:08:10	667.96	667.5
04:08:00	667.82	666.5
04:07:50	667.82	667.1
04:07:40	667.69	666.7
04:07:30	665.53	664.1
04:07:20	667.09	665.5
04:07:10	668.37	668.9
04:07:00	668.64	667.2



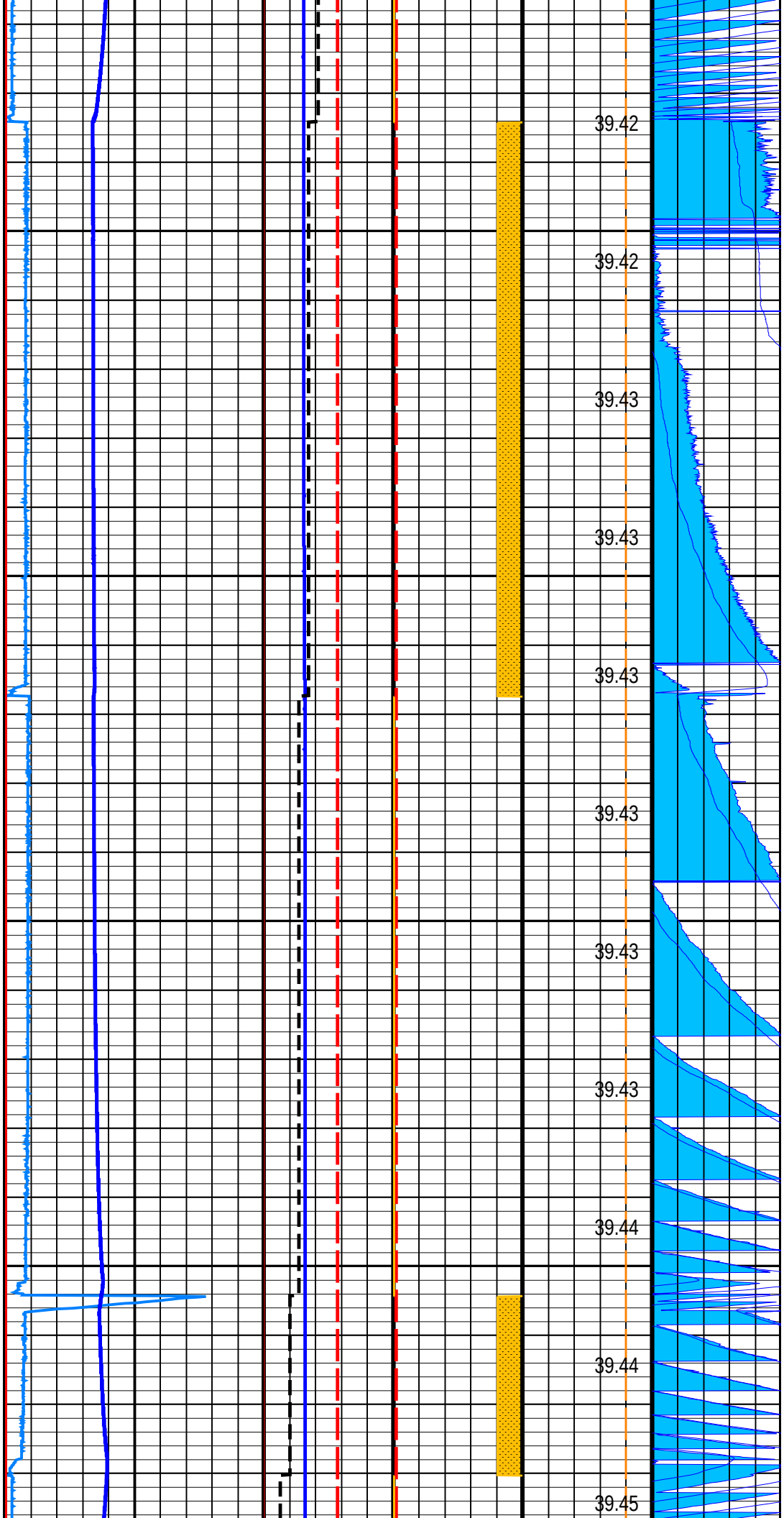
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04:05:20	671.97	670.3
04:05:10	673.89	671.3
04:05:00	676.82	675.4
04:04:50	680.16	677.7
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04:04:30	672.84	670.9
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04:04:10	673.85	672.2
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04:03:40	675.37	673.4
04:03:30	675.82	673.8
04:03:20	676.49	674.6
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04:02:20	681.71	679.1
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04:02:00	686.42	684.5
04:01:50	689.30	686.7
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04:01:30	696.73	694.0
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04:01:10	705.41	702.2
04:01:00	711.16	708.5
04:00:50	717.72	714.7
04:00:40	724.71	721.4
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04:00:20	720.55	723.9
04:00:10	719.22	715.9
04:00:00	725.39	722.3
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03:59:10	779.09	775.8
03:59:00	774.12	775.6
03:58:50	764.66	766.7
03:58:40	753.12	755.5
03:58:30	739.59	742.1
03:58:20	723.80	726.6
03:58:10	704.58	707.9
03:58:00	672.31	670.4
03:57:50	672.62	671.0
03:57:40	672.72	671.4
03:57:30	672.82	671.4
03:57:20	673.03	671.7
03:57:10	673.05	671.7
03:57:00	673.27	671.2
03:56:50	673.51	671.7
03:56:40	674.04	672.6
03:56:30	674.28	672.8
03:56:20	674.61	672.8
03:56:10	674.91	673.5
03:56:00	675.16	673.7



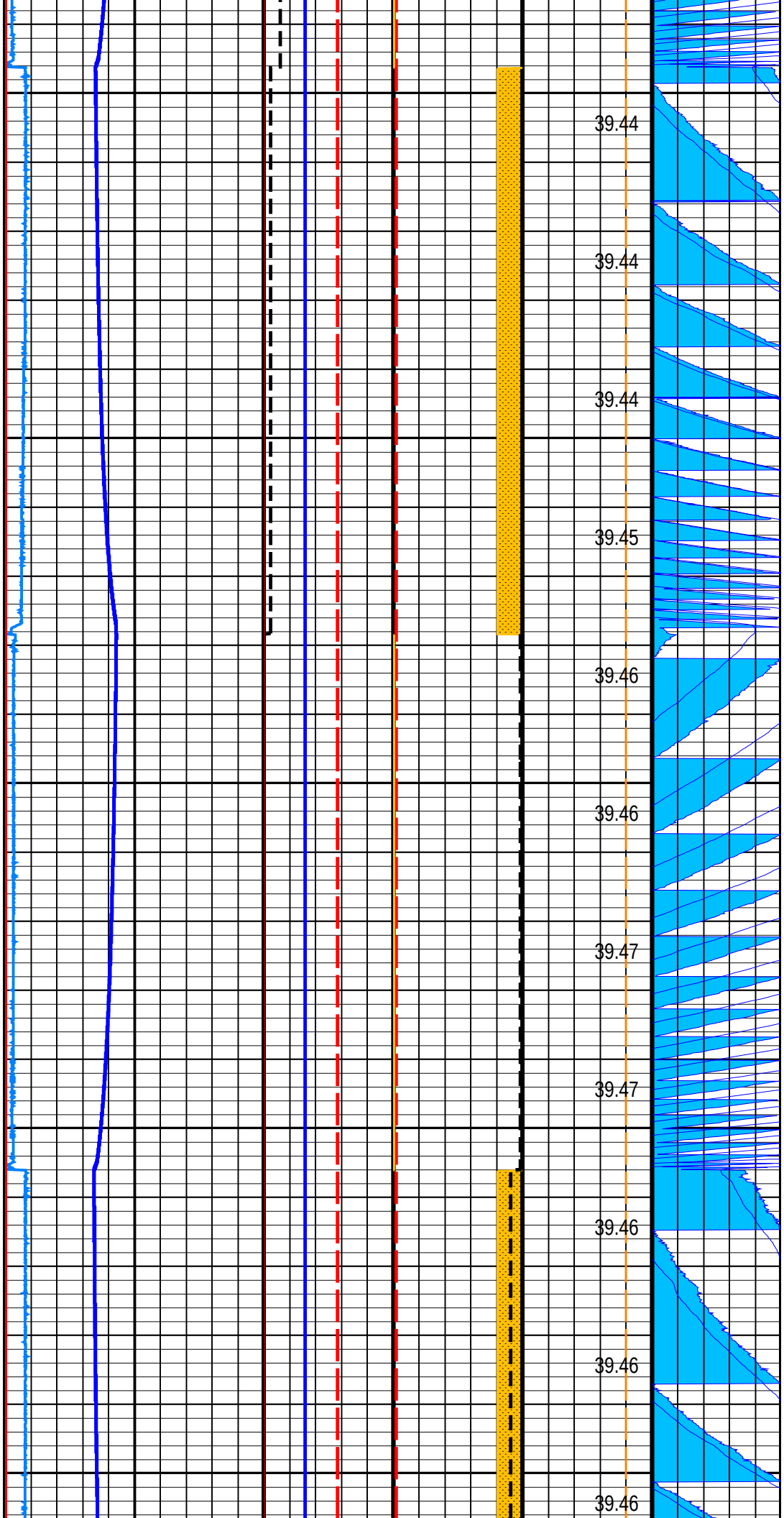
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03:54:00	684.05	682.9
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03:53:40	676.77	674.1
03:53:30	676.83	675.0
03:53:20	678.09	676.8
03:53:10	679.11	678.3
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03:51:40	696.34	693.8
03:51:30	699.98	696.5
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03:49:30	747.55	750.3
03:49:20	754.90	750.9
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03:49:00	761.80	764.1
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03:48:30	704.79	702.7
03:48:20	707.46	705.1
03:48:10	710.04	708.0
03:48:00	714.18	711.8
03:47:50	718.05	714.8
03:47:40	723.61	720.7
03:47:30	728.84	725.8
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03:47:10	741.99	738.6
03:47:00	749.87	746.8
03:46:50	760.03	756.5
03:46:40	771.30	767.5
03:46:30	784.17	780.3
03:46:20	801.71	797.1
03:46:10	820.02	820.1
03:46:00	816.40	817.8
03:45:50	811.00	812.6
03:45:40	805.25	806.9
03:45:30	798.80	800.5
03:45:20	791.45	793.2
03:45:10	783.34	785.2
03:45:00	774.20	776.3



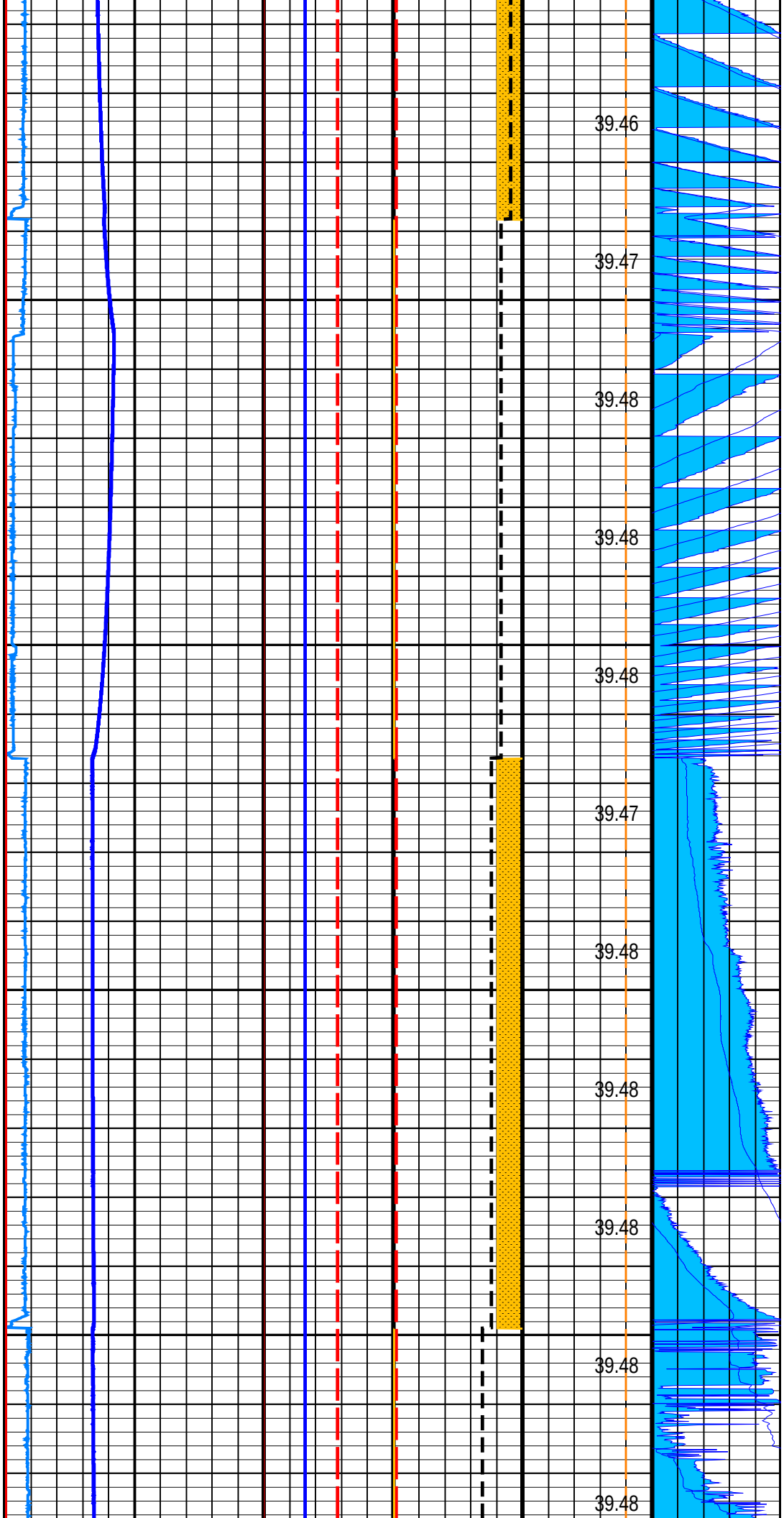
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03:40:30	683.79	681.8
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03:39:10	682.94	681.3
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03:38:20	688.36	686.4
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03:38:00	691.13	689.0
03:37:50	692.55	690.4
03:37:40	694.40	692.2
03:37:30	696.48	694.2
03:37:20	698.66	696.5
03:37:10	701.57	699.0
03:37:00	704.75	702.3
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03:36:40	711.03	708.4
03:36:30	715.14	712.5
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03:36:10	726.08	723.1
03:36:00	733.13	730.0
03:35:50	742.49	739.0
03:35:40	750.07	753.0
03:35:30	726.83	730.2
03:35:20	729.18	726.2
03:35:10	734.84	731.8
03:35:00	742.42	739.2
03:34:50	751.15	747.5
03:34:40	761.42	757.9
03:34:30	775.26	771.2
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03:34:00	761.75	764.3



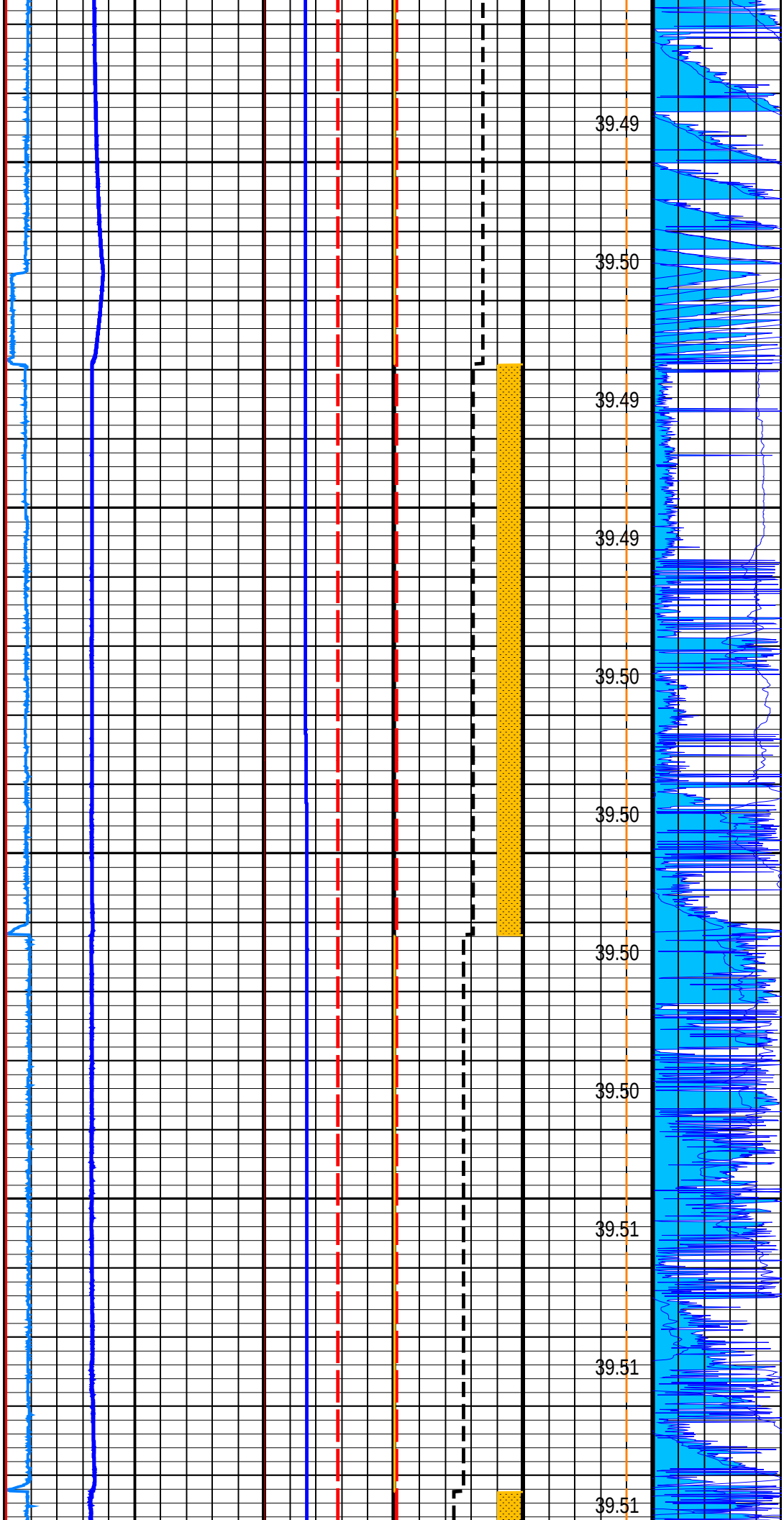
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03:31:30	726.05	723.4
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03:30:40	752.71	749.9
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03:29:00	851.26	852.2
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03:26:00	752.33	754.7
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03:25:00	687.15	685.0
03:24:50	688.23	686.2
03:24:40	689.77	687.9
03:24:30	690.82	688.7
03:24:20	692.34	690.3
03:24:10	694.15	692.1
03:24:00	696.05	693.9
03:23:50	697.96	695.8
03:23:40	700.05	697.8
03:23:30	702.70	700.2
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03:23:10	708.40	705.8
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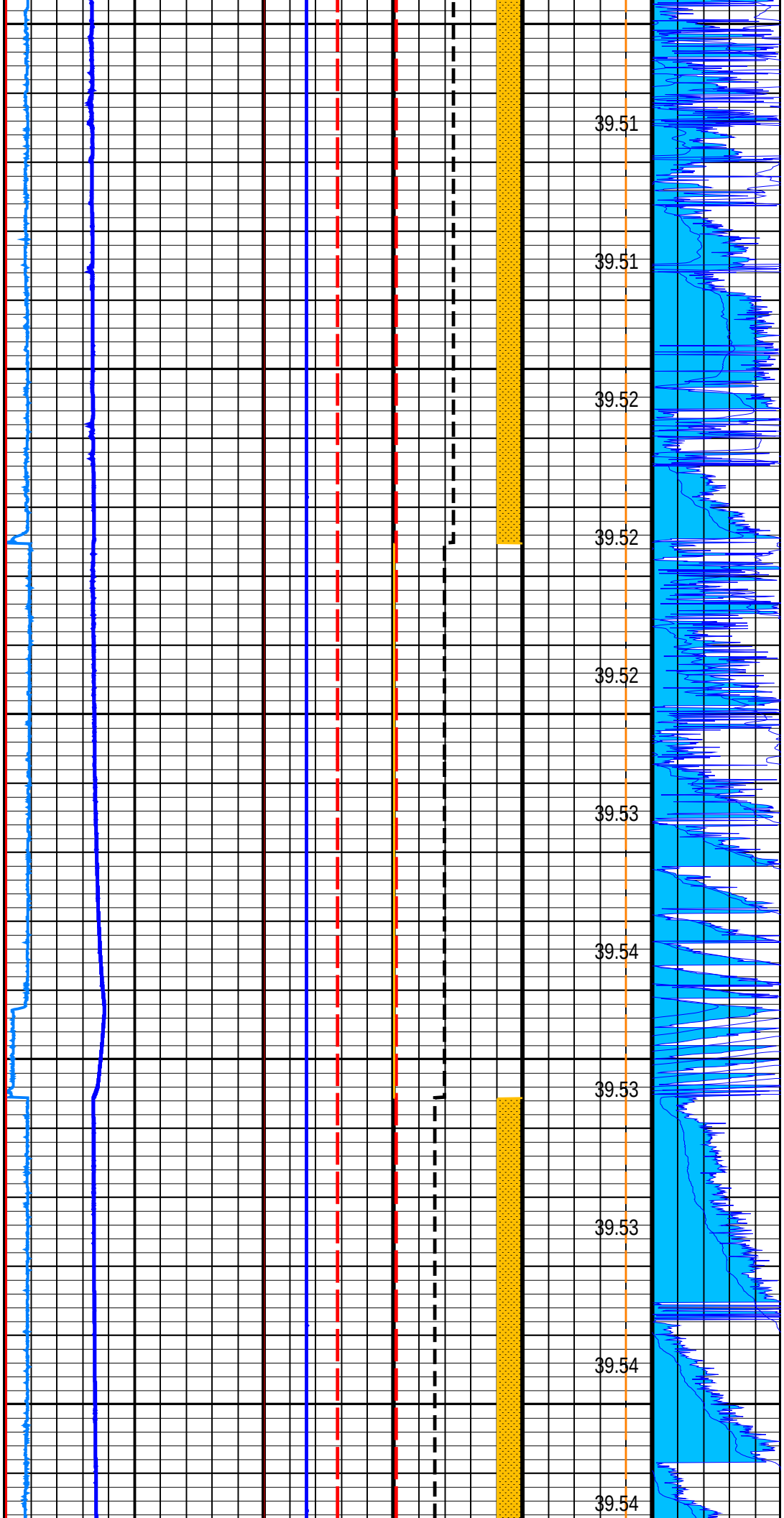
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03:21:10	774.25	770.5
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03:20:40	822.15	817.7
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03:20:20	834.91	836.2
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03:19:30	815.79	817.2
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03:19:00	798.91	800.4
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03:14:40	675.20	673.4
03:14:30	676.23	674.3
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03:14:10	677.82	676.1
03:14:00	679.12	676.8
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03:13:40	681.88	679.7
03:13:30	683.90	682.1
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03:13:10	674.11	672.6
03:13:00	674.87	673.2
03:12:50	676.17	675.7
03:12:40	676.81	677.5
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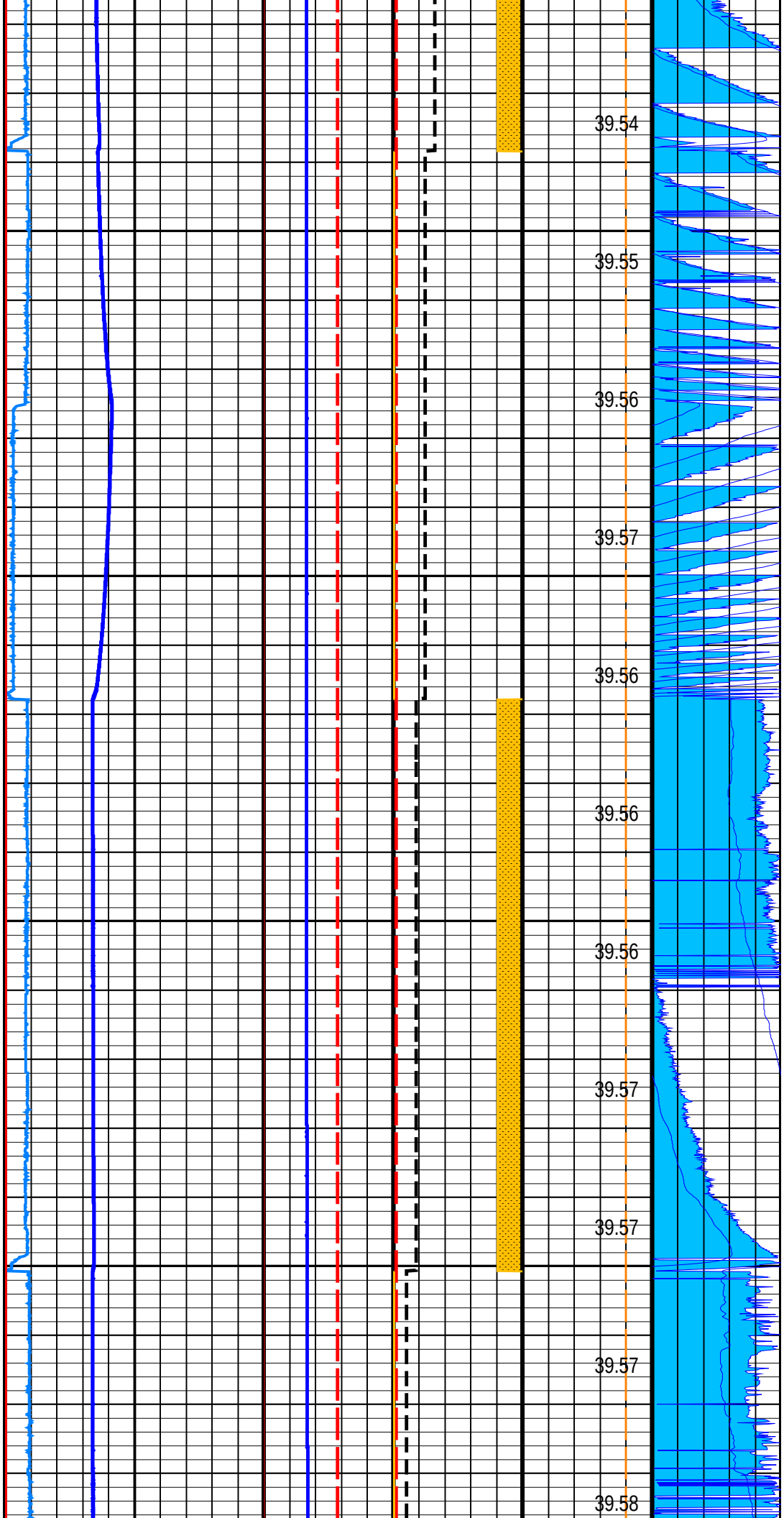
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03:10:20	726.70	724.2
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03:07:50	665.47	664.8
03:07:40	666.30	664.9
03:07:30	665.69	665.0
03:07:20	663.83	661.5
03:07:10	665.04	665.0
03:07:00	667.23	666.9
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03:05:30	668.46	666.8
03:05:20	671.71	668.1
03:05:10	663.66	663.6
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03:02:10	670.23	666.5
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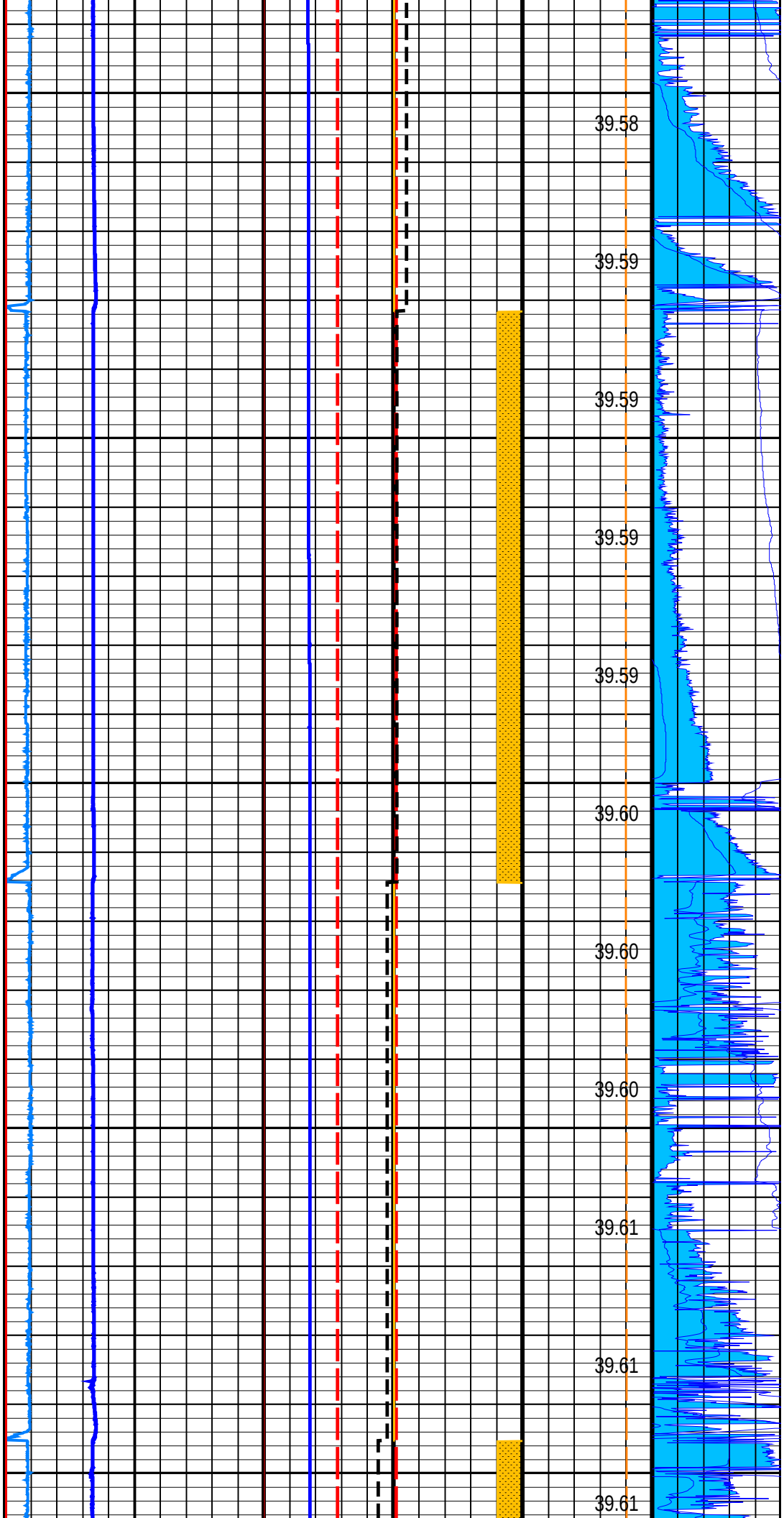
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02:55:00	698.29	694.9
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02:54:30	713.35	710.6
02:54:20	718.33	715.6
02:54:10	726.66	723.5
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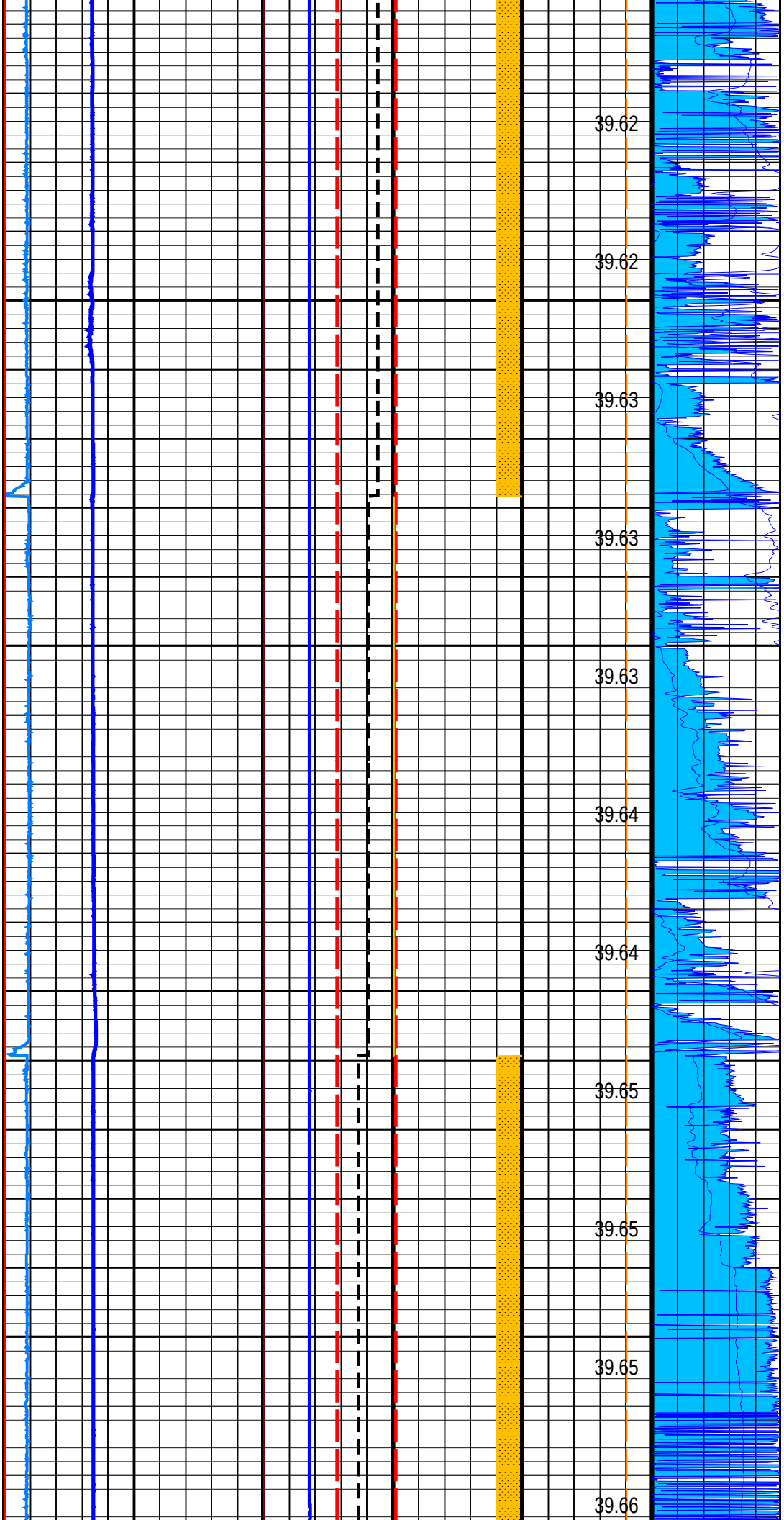
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02:48:50	714.83	712.2
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02:48:20	729.96	726.8
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02:48:00	742.87	739.3
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02:47:40	762.14	758.8
02:47:30	774.40	771.4
02:47:20	787.97	784.4
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02:46:50	815.94	817.5
02:46:40	811.06	812.8
02:46:30	805.27	807.2
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02:46:10	792.25	793.9
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02:45:50	774.71	777.6
02:45:40	765.08	767.6
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02:45:10	723.65	726.9
02:45:00	704.91	708.1
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02:44:20	674.32	673.8
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02:43:50	674.78	673.4
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02:43:30	674.90	673.6
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02:42:10	678.19	676.5
02:42:00	678.67	677.4
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02:40:00	673.61	672.7
02:39:50	673.64	671.8
02:39:40	674.22	673.7
02:39:30	674.51	673.2
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02:39:10	675.65	674.0
02:39:00	675.93	675.3



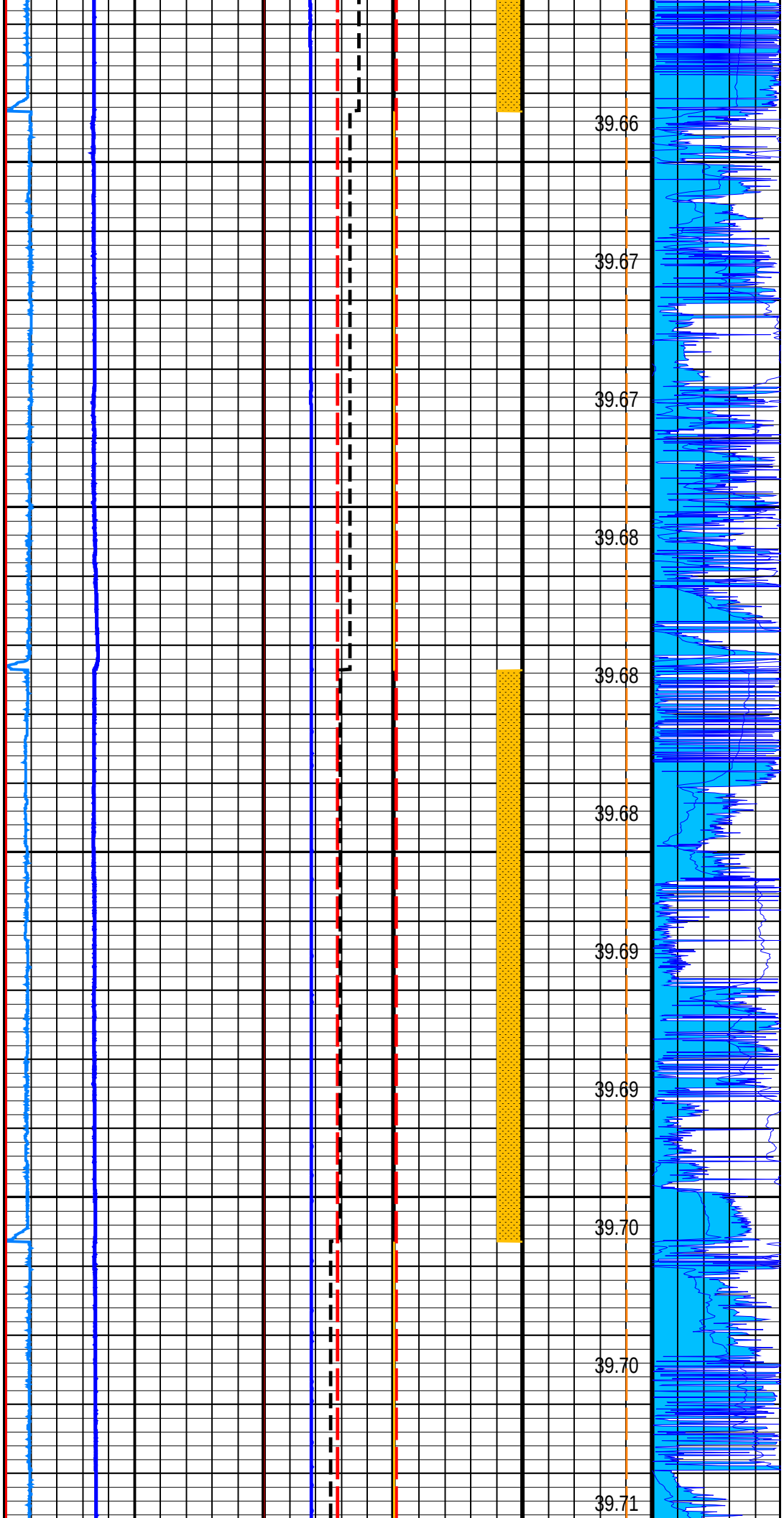
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02:37:50	681.54	680.1
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02:37:20	687.13	684.9
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02:36:50	698.07	697.2
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02:34:10	678.26	676.9
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02:33:40	679.20	678.5
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02:33:20	678.60	679.2
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02:32:00	671.74	670.4
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02:29:30	679.83	679.3
02:29:20	682.33	681.7
02:29:10	683.32	682.0
02:29:00	685.02	683.5
02:28:50	680.55	676.6
02:28:40	697.13	693.7
02:28:30	674.16	674.0
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02:28:10	670.94	670.9
02:28:00	671.60	666.6



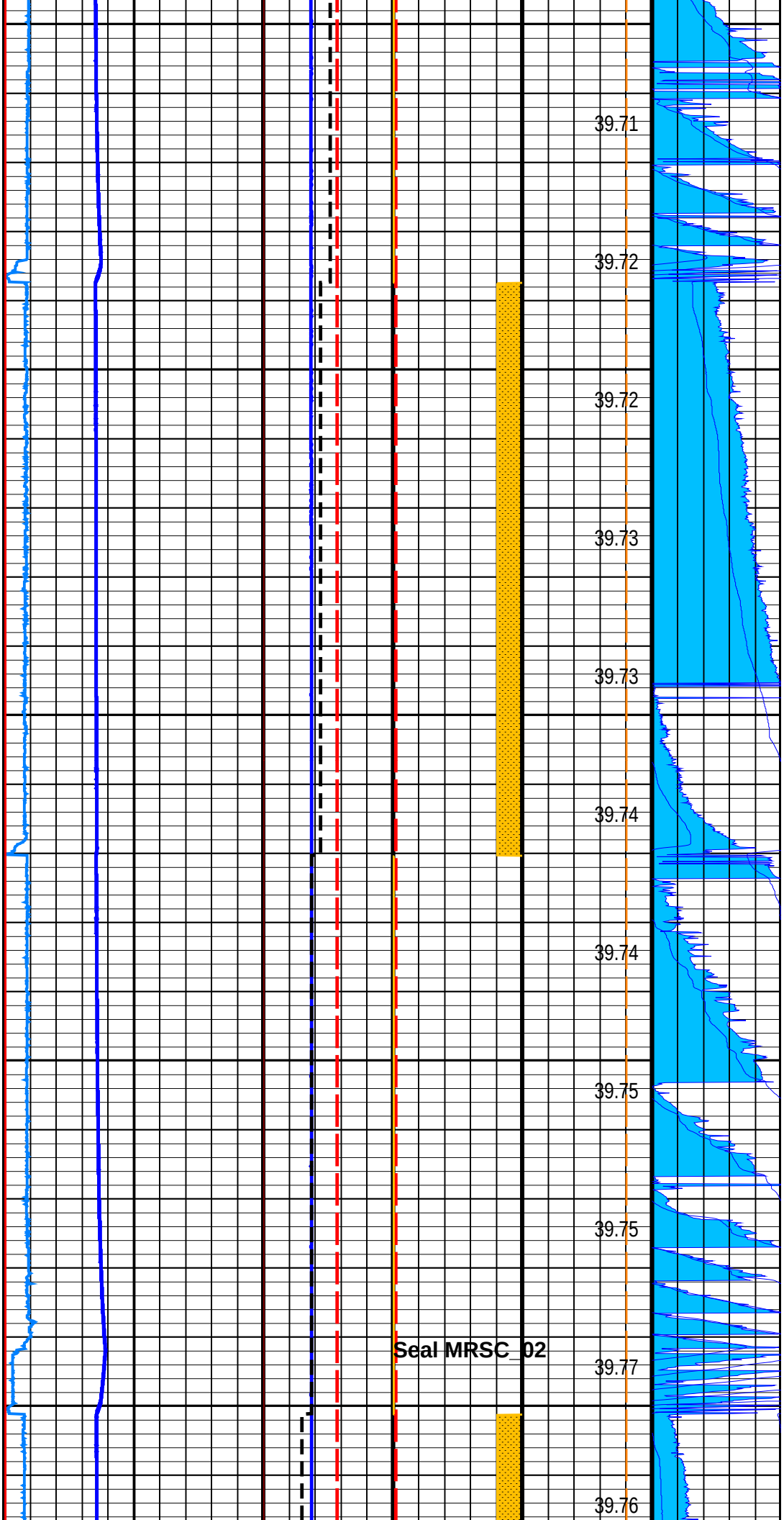
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02:26:10	677.79	678.2
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02:22:40	681.67	679.1
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02:21:30	685.48	683.5
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02:21:10	689.99	688.4
02:21:00	689.23	690.3
02:20:50	693.51	690.8
02:20:40	698.40	696.4
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02:19:50	681.15	680.2
02:19:40	681.40	680.8
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02:18:20	684.70	683.7
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02:18:00	684.91	684.0
02:17:50	685.07	684.6
02:17:40	685.18	684.2
02:17:30	685.19	684.7
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02:17:10	685.12	684.4
02:17:00	685.10	684.8



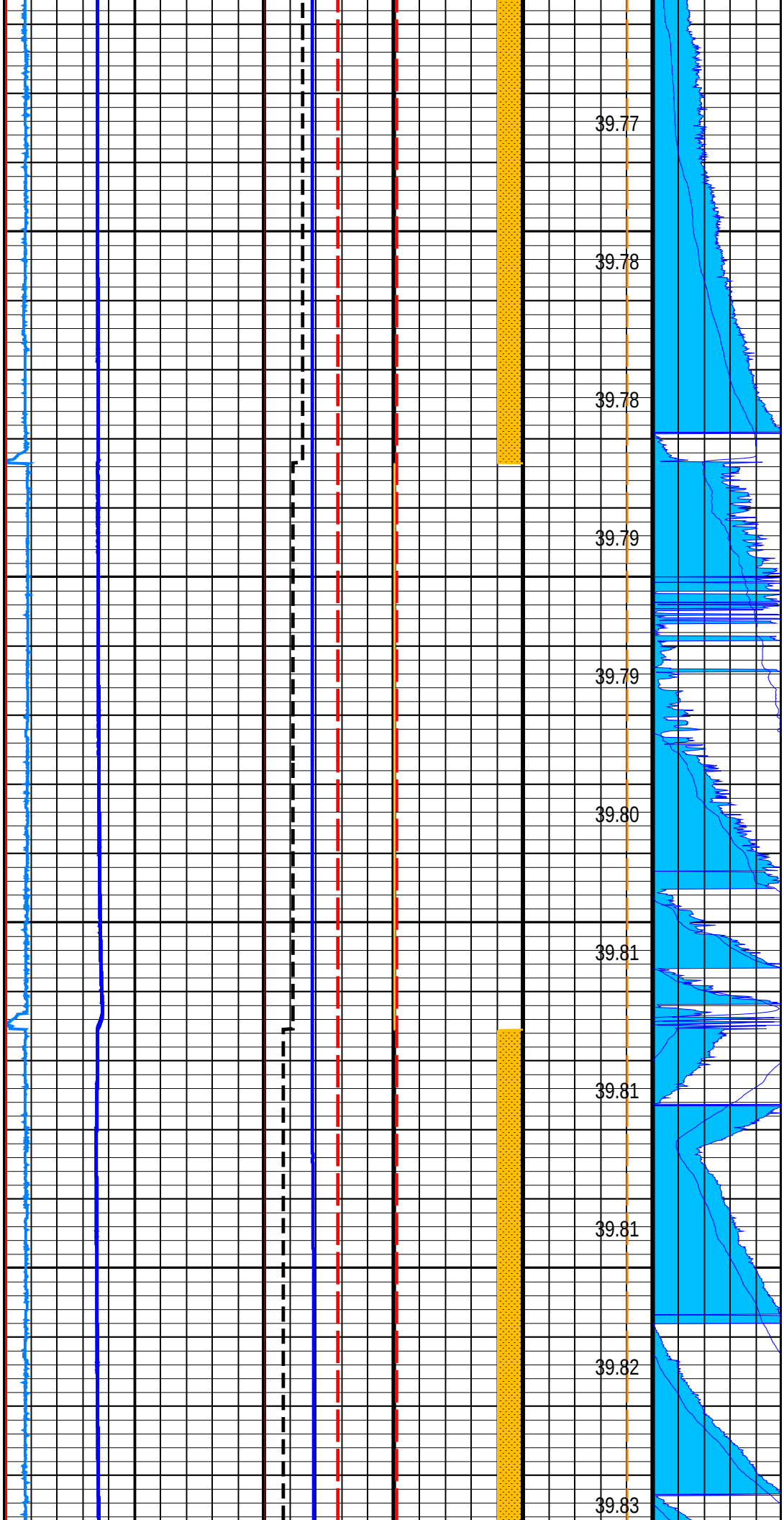
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02:13:40	684.16	680.8
02:13:30	682.52	685.3
02:13:20	682.00	682.5
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02:12:00	685.63	685.3
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02:10:30	686.51	684.2
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02:09:50	685.06	686.0
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02:06:50	695.26	694.2
02:06:40	695.24	692.1
02:06:30	696.35	694.2
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02:06:10	699.24	697.8
02:06:00	700.91	698.5



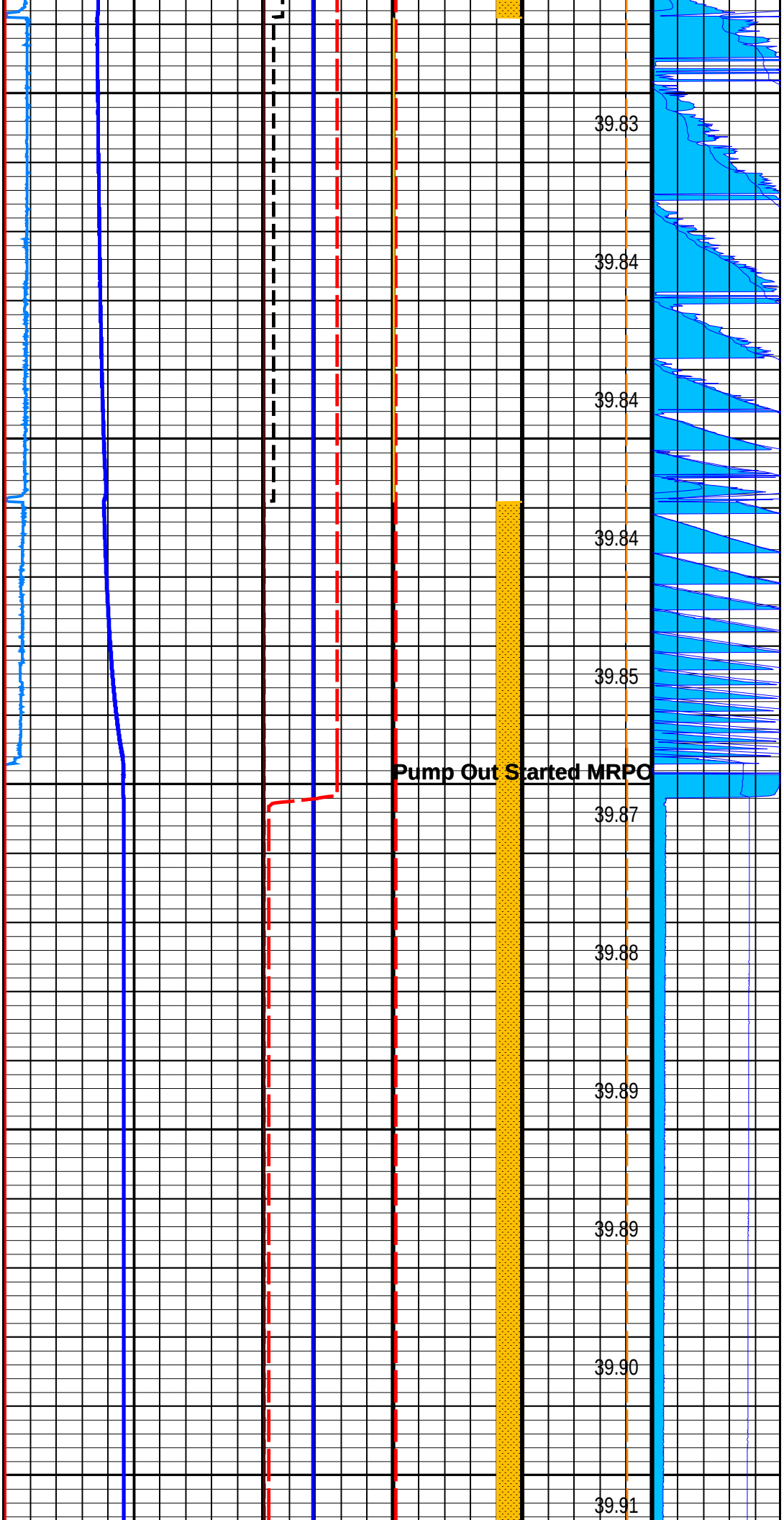
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02:03:20	702.18	700.7
02:03:10	702.34	700.8
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02:00:40	707.16	705.7
02:00:30	707.91	706.1
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01:57:10	731.30	727.5
01:57:00	735.88	732.0
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01:55:40	707.98	706.3
01:55:30	708.29	706.6
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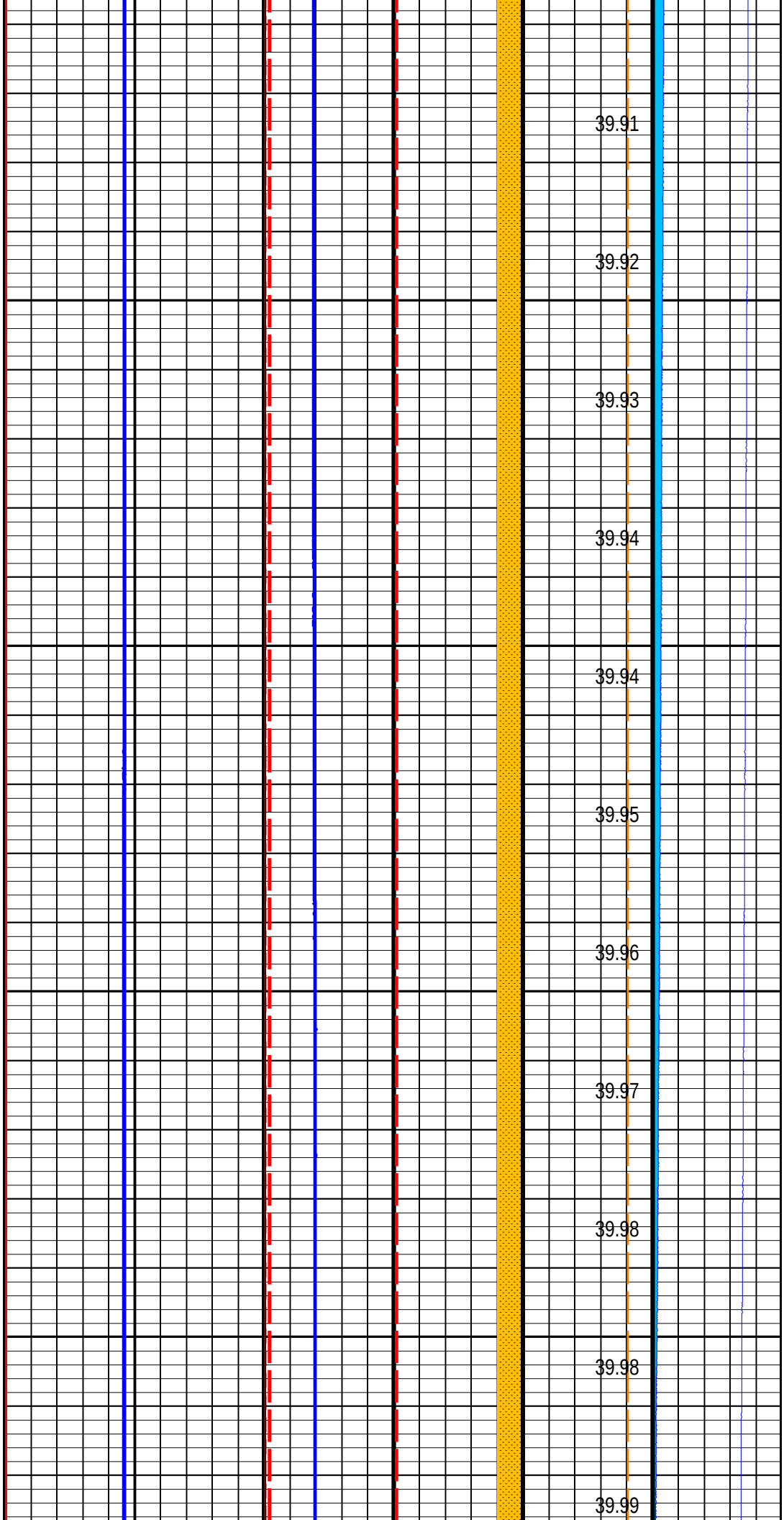
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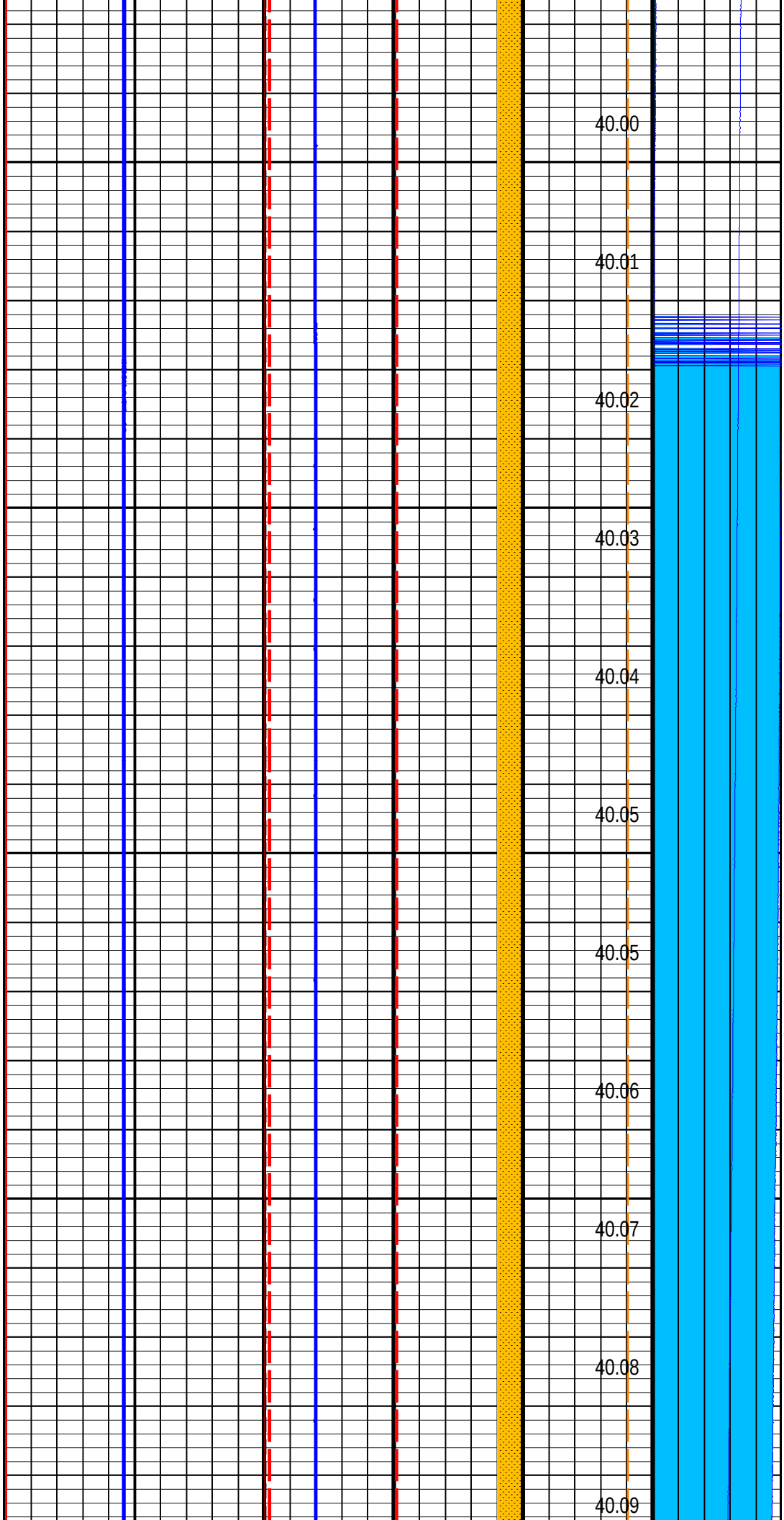
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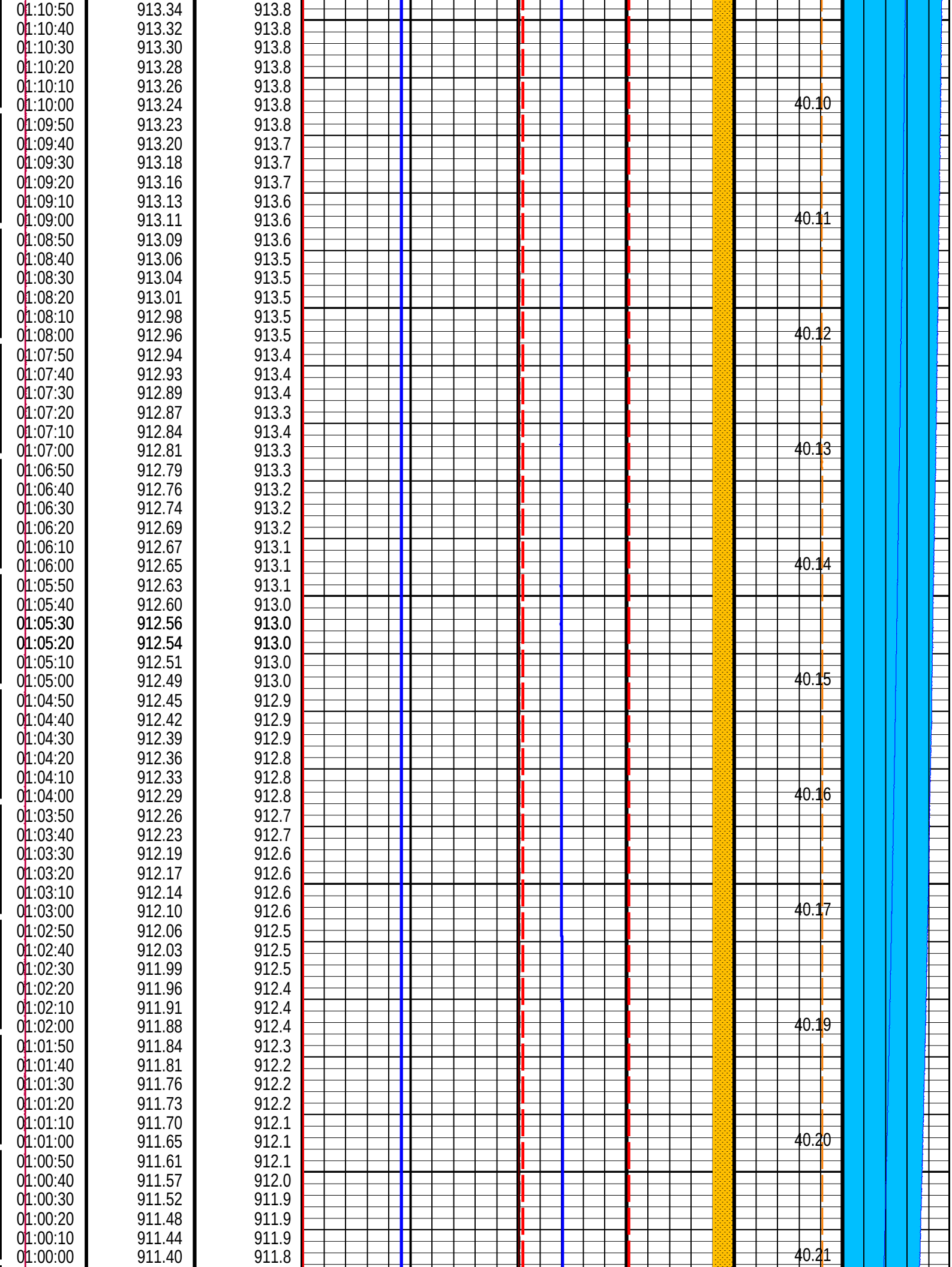
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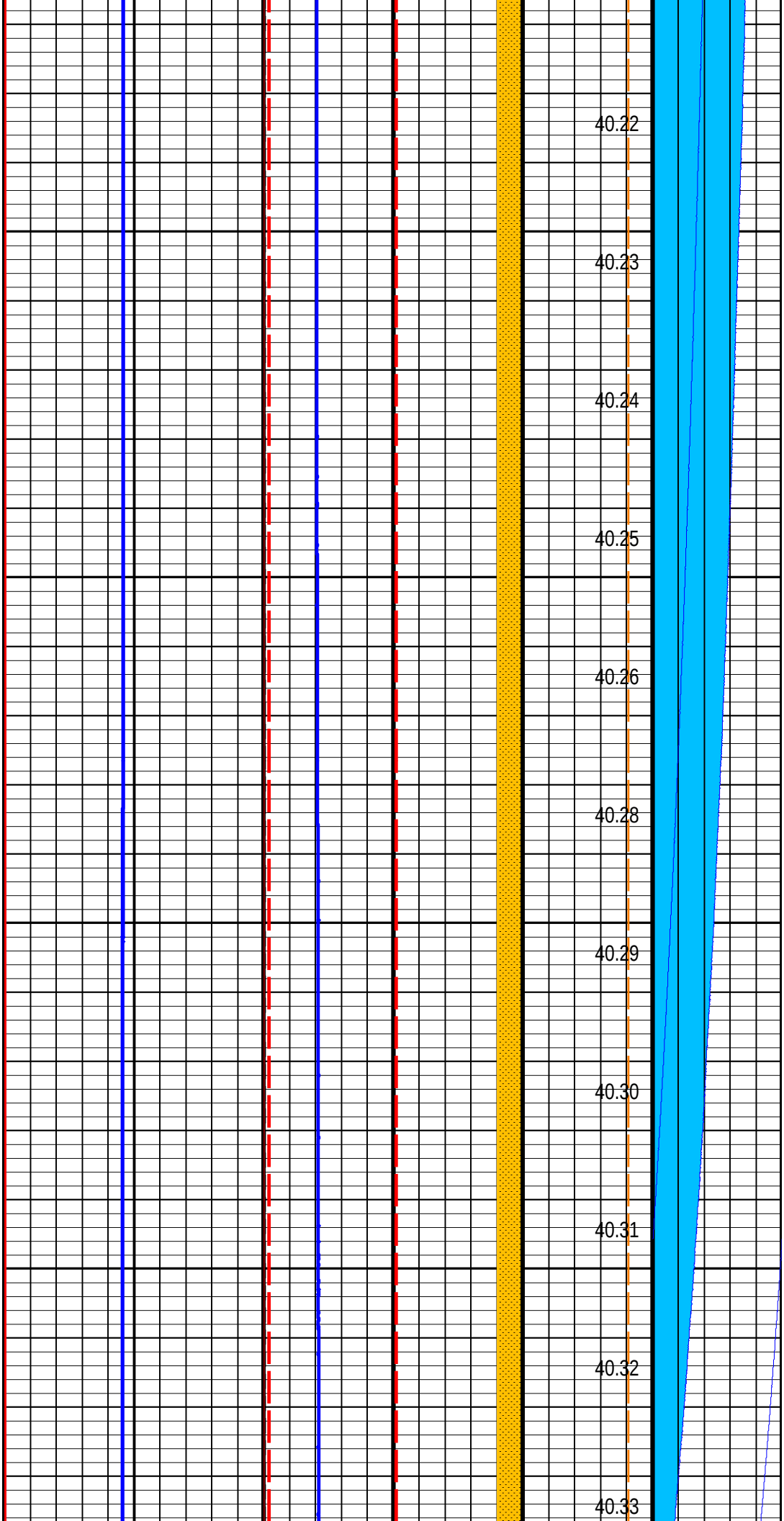
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01:18:00	914.07	914.5
01:17:50	914.06	914.6
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01:17:20	914.01	914.5
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01:17:00	913.98	914.5
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01:16:30	913.94	914.4
01:16:20	913.92	914.4
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01:13:30	913.65	914.1
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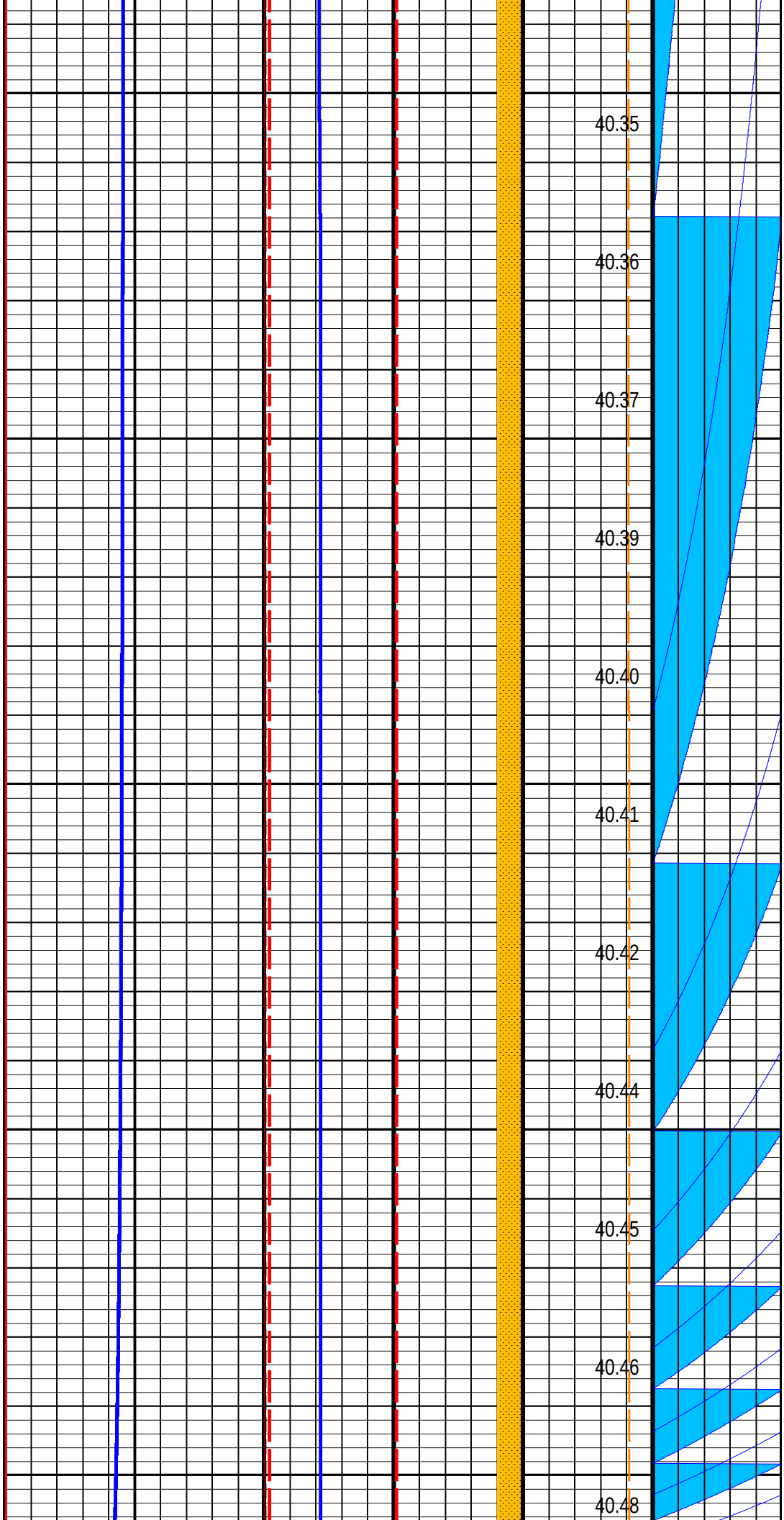
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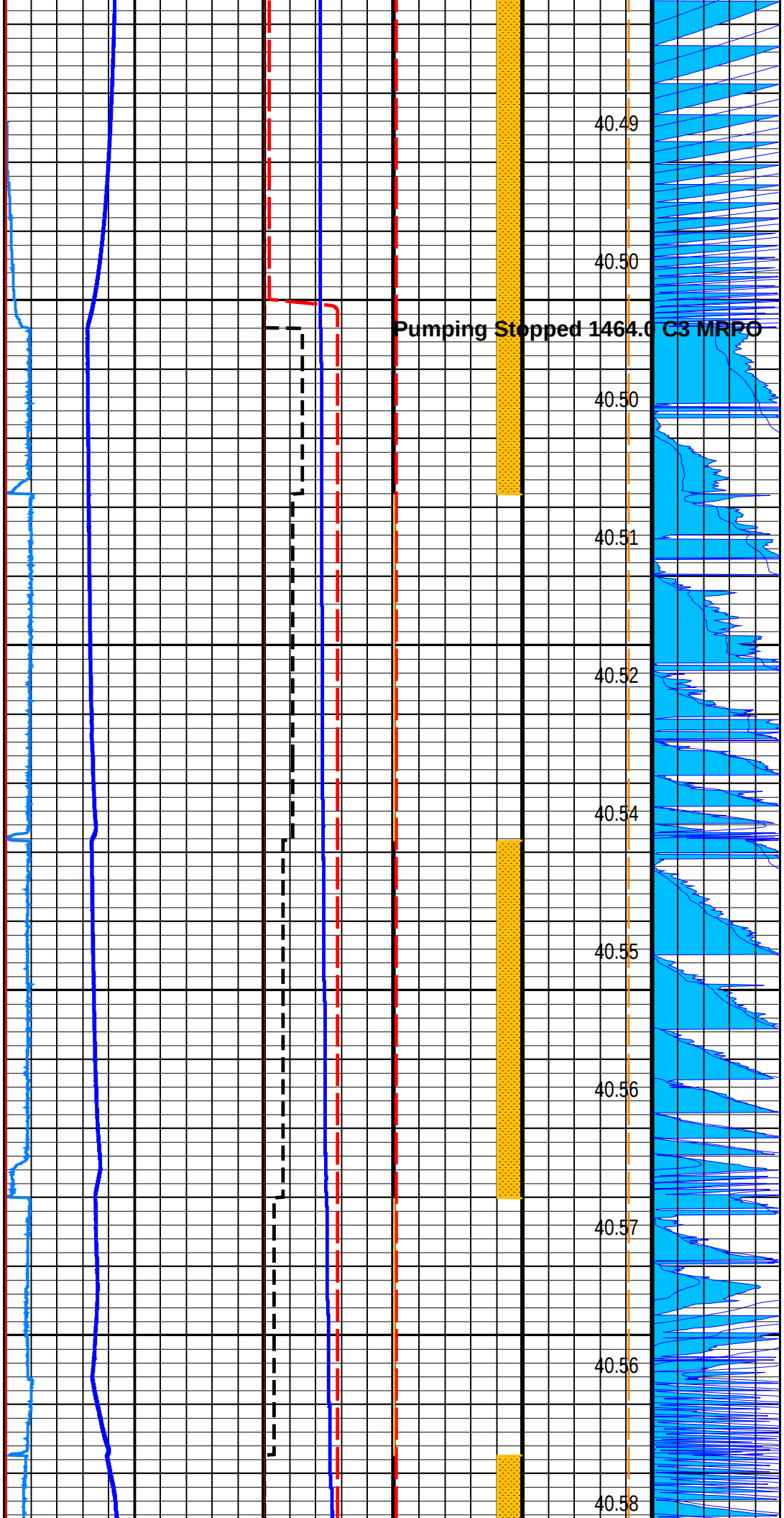
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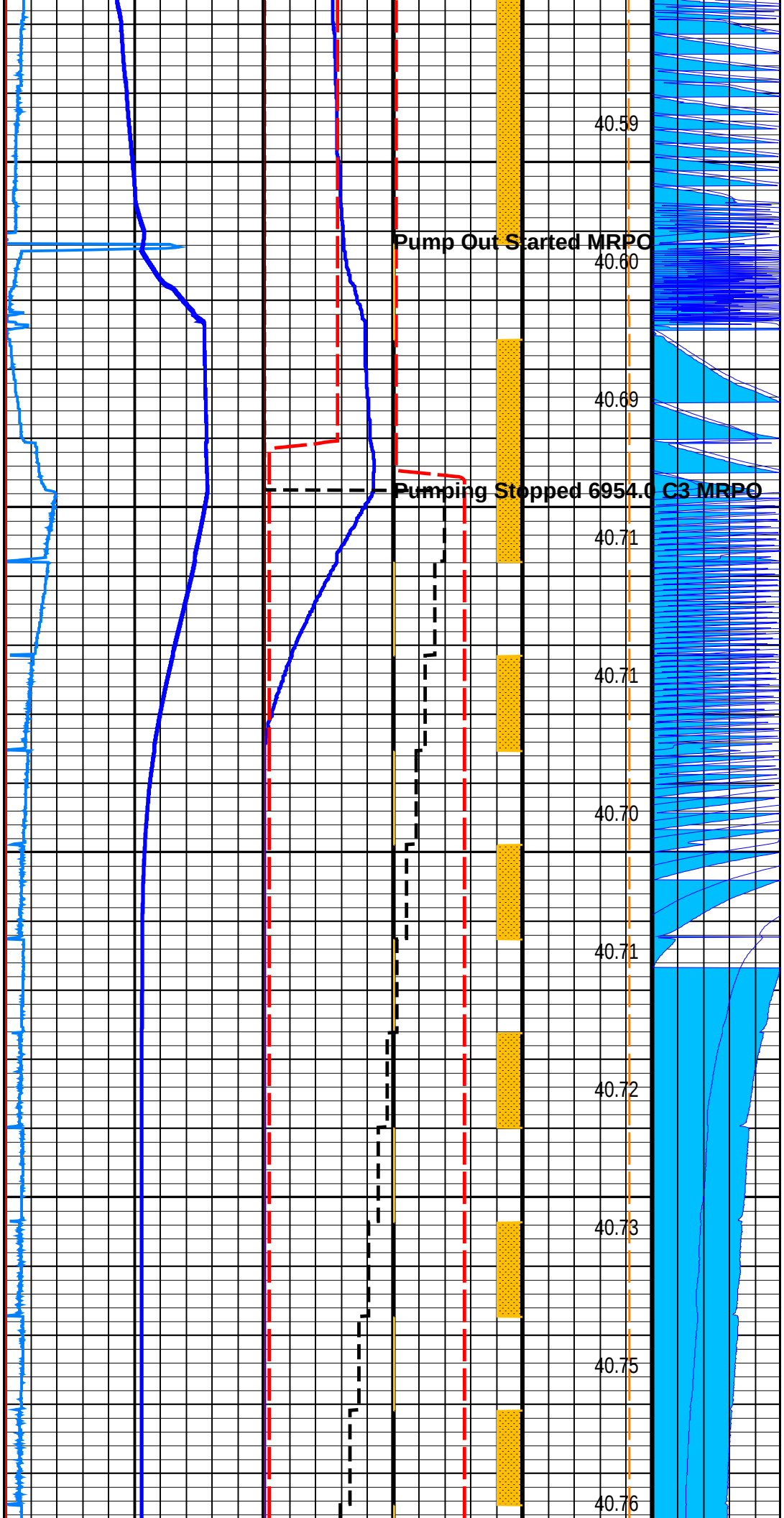
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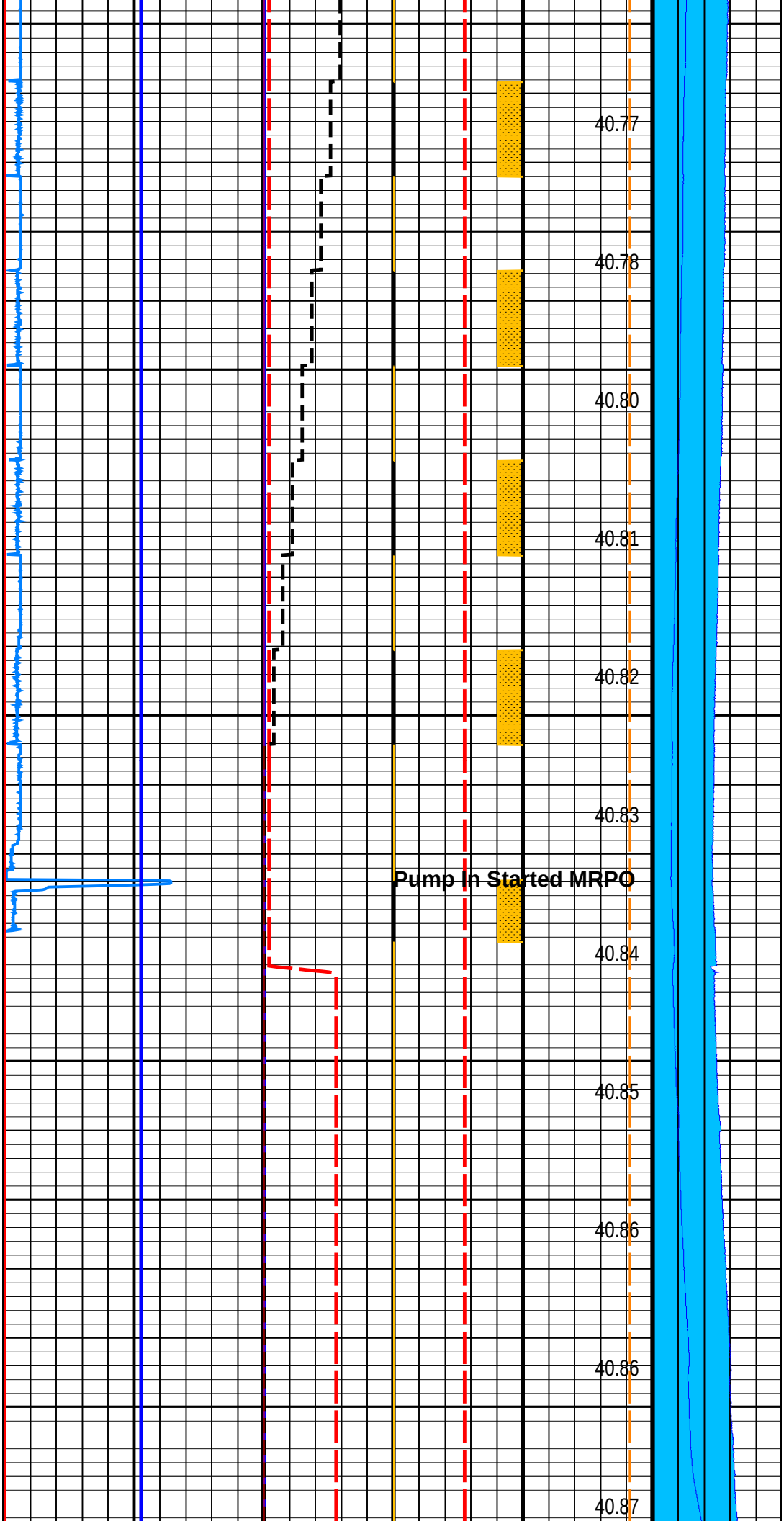
00:37:50	839.05	841.0
00:37:40	833.82	835.9
00:37:30	827.99	830.1
00:37:20	821.28	823.5
00:37:10	813.91	816.3
00:37:00	805.56	808.0
00:36:50	795.74	798.3
00:36:40	784.78	787.5
00:36:30	772.01	775.0
00:36:20	756.51	759.8
00:36:10	738.50	742.0
00:36:00	716.53	720.4
00:35:50	687.93	692.4
00:35:40	650.00	656.0
00:35:30	633.19	631.7
00:35:20	634.18	631.9
00:35:10	635.79	633.3
00:35:00	636.66	634.7
00:34:50	638.12	635.5
00:34:40	640.46	638.4
00:34:30	640.70	640.6
00:34:20	641.02	639.2
00:34:10	644.58	641.5
00:34:00	646.00	643.3
00:33:50	647.30	645.2
00:33:40	651.02	650.9
00:33:30	652.27	650.8
00:33:20	653.97	652.8
00:33:10	656.80	654.5
00:33:00	659.24	657.3
00:32:50	664.06	660.3
00:32:40	665.64	665.0
00:32:30	673.74	670.4
00:32:20	678.86	675.7
00:32:10	686.21	682.9
00:32:00	696.63	694.1
00:31:50	666.51	663.4
00:31:40	668.12	665.1
00:31:30	670.62	668.1
00:31:20	672.72	669.9
00:31:10	675.08	672.4
00:31:00	678.60	676.2
00:30:50	682.45	681.6
00:30:40	684.65	681.6
00:30:30	688.90	685.6
00:30:20	692.49	689.9
00:30:10	697.29	693.8
00:30:00	704.16	701.0
00:29:50	711.53	707.8
00:29:40	723.40	719.3
00:29:30	730.15	733.4
00:29:20	695.84	700.0
00:29:10	698.00	694.1
00:29:00	700.31	698.1
00:28:50	707.39	705.1
00:28:40	711.70	711.6
00:28:30	705.57	707.5
00:28:20	694.23	697.3
00:28:10	685.62	688.6
00:28:00	670.56	669.7
00:27:50	702.63	695.6
00:27:40	740.27	733.8
00:27:30	787.16	778.2
00:27:20	804.02	796.9
00:27:10	839.11	833.1
00:27:00	857.46	852.4

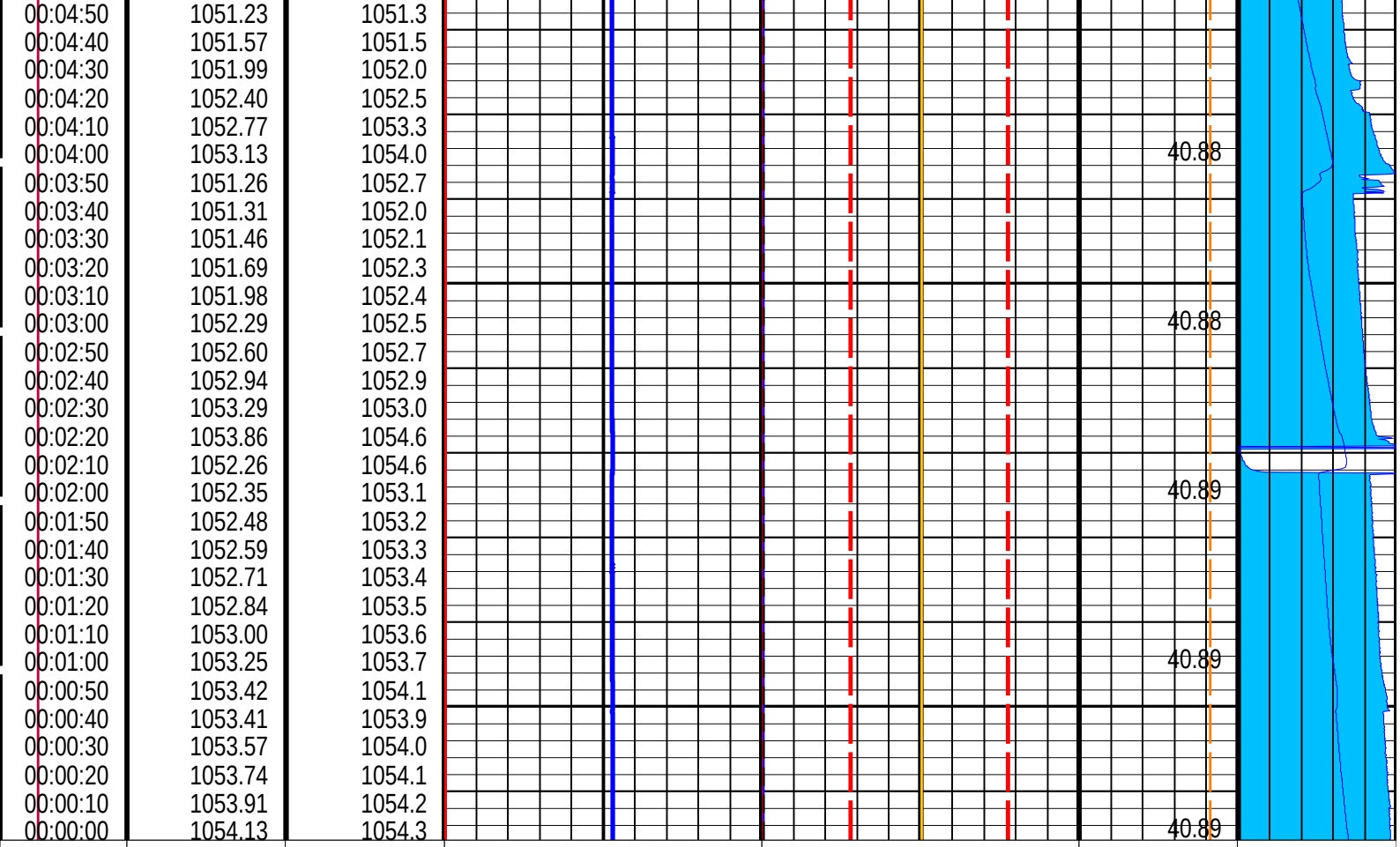


00:26:50	891.63	884.3
00:26:40	902.43	898.1
00:26:30	914.87	910.6
00:26:20	934.63	930.9
00:26:10	946.12	941.6
00:26:00	962.09	957.5
00:25:50	979.22	974.5
00:25:40	994.81	990.5
00:25:30	1006.46	1001.2
00:25:20	1059.24	1049.6
00:25:10	1051.85	1057.4
00:25:00	1157.82	1144.6
00:24:50	1341.57	1324.4
00:24:40	1491.49	1467.1
00:24:30	1537.39	1535.8
00:24:20	1540.19	1538.5
00:24:10	1543.62	1541.5
00:24:00	1548.00	1546.0
00:23:50	1553.17	1552.2
00:23:40	1551.02	1548.8
00:23:30	1558.13	1556.8
00:23:20	1543.39	1549.5
00:23:10	1510.27	1517.1
00:23:00	1473.22	1480.3
00:22:50	1442.79	1450.0
00:22:40	1401.90	1408.9
00:22:30	1359.12	1366.5
00:22:20	1314.48	1321.6
00:22:10	1276.05	1282.6
00:22:00	1236.15	1242.7
00:21:50	1198.46	1204.8
00:21:40	1165.52	1171.1
00:21:30	1142.43	1147.2
00:21:20	1117.55	1121.5
00:21:10	1099.83	1103.0
00:21:00	1085.60	1088.7
00:20:50	1074.87	1077.6
00:20:40	1065.92	1067.9
00:20:30	1060.50	1062.1
00:20:20	1057.09	1058.3
00:20:10	1055.67	1056.1
00:20:00	1054.25	1055.0
00:19:50	1053.52	1054.2
00:19:40	1053.05	1053.7
00:19:30	1052.63	1053.2
00:19:20	1052.20	1052.9
00:19:10	1051.88	1052.5
00:19:00	1051.60	1052.3
00:18:50	1051.44	1051.9
00:18:40	1051.38	1052.1
00:18:30	1051.30	1051.9
00:18:20	1051.19	1051.9
00:18:10	1050.91	1051.6
00:18:00	1050.86	1051.5
00:17:50	1050.82	1051.4
00:17:40	1050.66	1051.4
00:17:30	1050.61	1051.2
00:17:20	1050.62	1051.3
00:17:10	1050.48	1051.2
00:17:00	1050.36	1051.0
00:16:50	1050.23	1050.9
00:16:40	1050.08	1050.7
00:16:30	1049.97	1050.6
00:16:20	1049.89	1050.5
00:16:10	1049.79	1050.5
00:16:00	1049.79	1050.5



00:15:50	1049.74	1050.5
00:15:40	1049.72	1050.4
00:15:30	1049.71	1050.4
00:15:20	1049.61	1050.3
00:15:10	1049.59	1050.3
00:15:00	1049.56	1050.3
00:14:50	1049.52	1050.2
00:14:40	1049.55	1050.3
00:14:30	1049.52	1050.3
00:14:20	1049.51	1050.3
00:14:10	1049.50	1050.2
00:14:00	1049.43	1050.2
00:13:50	1049.39	1050.1
00:13:40	1049.36	1050.1
00:13:30	1049.32	1050.1
00:13:20	1049.32	1050.0
00:13:10	1049.30	1050.0
00:13:00	1049.27	1050.0
00:12:50	1049.24	1050.0
00:12:40	1049.16	1050.0
00:12:30	1049.10	1049.9
00:12:20	1049.06	1049.8
00:12:10	1048.99	1049.8
00:12:00	1048.96	1049.7
00:11:50	1048.93	1049.8
00:11:40	1048.89	1049.7
00:11:30	1048.87	1049.7
00:11:20	1048.82	1049.6
00:11:10	1048.74	1049.5
00:11:00	1048.70	1049.5
00:10:50	1048.66	1049.4
00:10:40	1048.67	1049.4
00:10:30	1048.69	1049.4
00:10:20	1048.67	1049.4
00:10:10	1048.65	1049.4
00:10:00	1048.64	1049.3
00:09:50	1048.60	1049.3
00:09:40	1048.61	1049.3
00:09:30	1048.65	1049.3
00:09:20	1048.72	1049.4
00:09:10	1048.84	1049.5
00:09:00	1048.80	1049.6
00:08:50	1048.75	1049.4
00:08:40	1048.81	1049.5
00:08:30	1048.87	1049.5
00:08:20	1048.93	1049.6
00:08:10	1048.99	1049.6
00:08:00	1049.09	1049.7
00:07:50	1049.20	1049.9
00:07:40	1049.19	1049.9
00:07:30	1049.28	1050.0
00:07:20	1049.34	1050.0
00:07:10	1049.42	1050.1
00:07:00	1049.50	1050.2
00:06:50	1049.59	1050.3
00:06:40	1049.66	1050.4
00:06:30	1049.77	1050.5
00:06:20	1049.89	1050.6
00:06:10	1049.99	1050.7
00:06:00	1049.91	1050.7
00:05:50	1049.98	1050.7
00:05:40	1050.05	1050.8
00:05:30	1050.13	1050.9
00:05:20	1050.27	1051.0
00:05:10	1050.55	1051.0
00:05:00	1050.88	1051.2





Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)	MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000	MRPA Quartz Temperature (PAQT) (DEGF) 100 150	MRPA SG One's (PSGU) 0 (---- 10
MRPC 50 V Supply (50V) 30 (V) 100			MRPA SG Pressure (PASG) 0 (PSIA) 2000	MRPA Interval Valve Position (PAVP) -5 (---- 250 / MRPA Inflate Valve Position (PAFP) -5 (---- 250	MRPA Quartz Temperature (PAQT) (DEGF)	MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10
			MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Pump Volume (POPV) 0 (C3) 10000		
			MRPA Quartz Pressure (PAQP) 0 (PSIA) 2000	MRPA Auto deflate status (PAAD) 0 (---- 5 / MRPO Solenoid 3 Status (POS3) 5 (---- 0		

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		

MRPC: Power Cartridge

PDCO	Probe Depth Correction Offset	0	FT

Format: PACKER Vertical Scale: 1" per 60S Graphics File Created: 17−Feb−2007 06:40

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT MDT_OFA_095LTP FN:106 PRODUCER 17−Feb−2007 06:40

Schlumberger

DEPTH 2039

MAXIS Field Log

Output DLIS Files

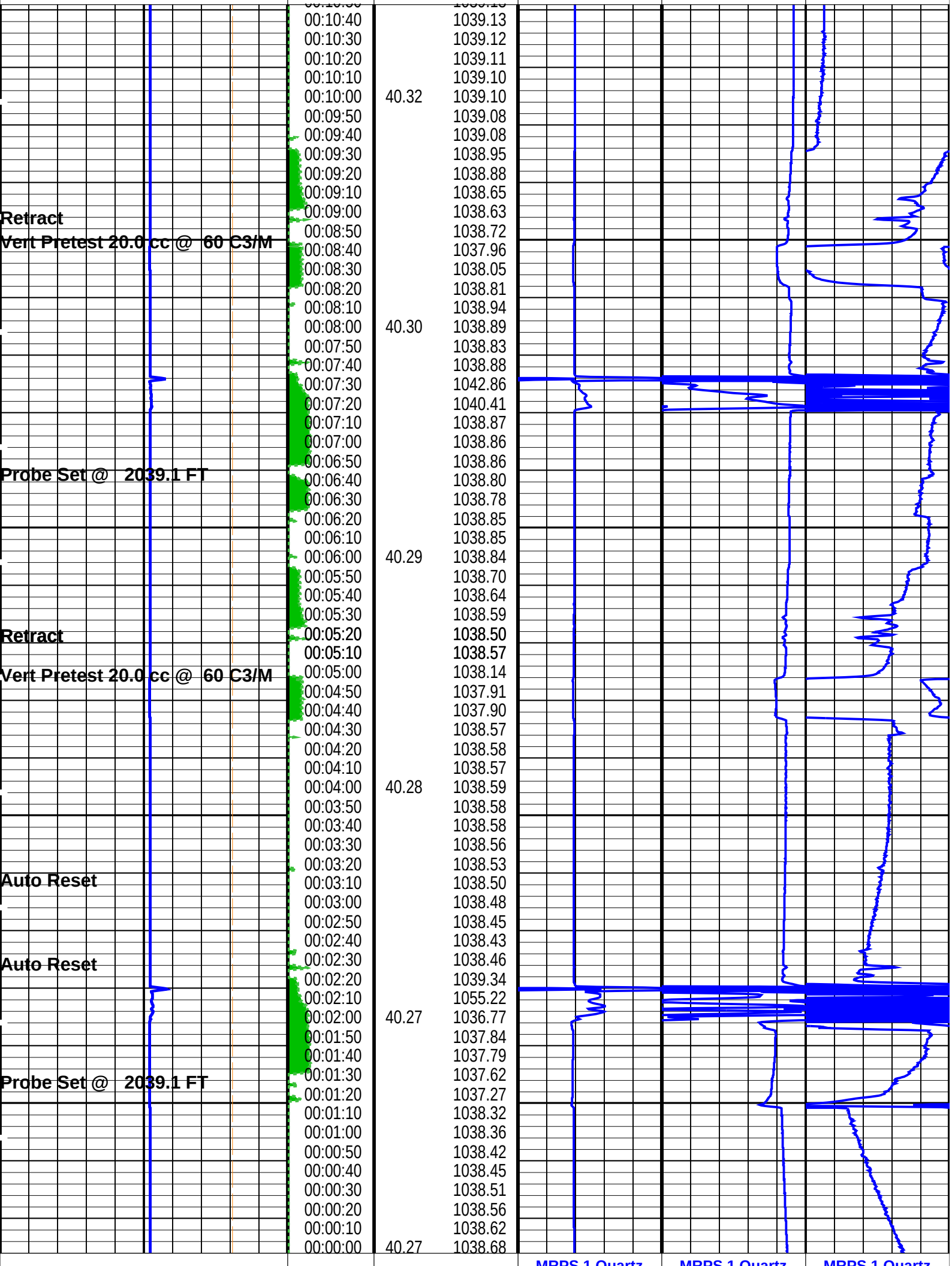
DEFAULT MDT_OFA_097LTP FN:108 PRODUCER 17−Feb−2007 18:03 2045.7 FT 5.4 FT

Elapsed Time (s)	Event Summary
540.0	Retract Single Probe Module (MRPS) 1
499.2	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
406.5	Probe Set @ 2039.1 FT Single Probe Module (MRPS) 1
322.2	Retract Single Probe Module (MRPS) 1
273.3	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
194.7	Auto Reset Single Probe Module (MRPS) 1
151.2	Auto Reset Single Probe Module (MRPS) 1
89.4	Probe Set @ 2039.1 FT Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Pressure (BQP1) 0 (PSIA) 2000	MRHY Motor (HMS1) (RPM) 0 8000	MRPS 1 Quartz Gauge Temperature (BQT1) (DEGF)			
MRPS 1 Quartz Temperature (BQT1) 100 (DEGF) 150	Elapsed Time (ETIM) (S)	MRPS 1 Quartz Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure Tens Digit (BQP1) 0 (PSIA) 100	MRPS 1 Quartz Gauge Pressure Ones Digit (BQP1) 0 (PSIA) 10	MRPS 1 Quartz Gauge Pressure Fractions (BQP1) 0 (PSIA) 1


Retract
Vert Pretest 20.0 cc @ 60 C3/M
Probe Set @ 2039.1 FT
Retract
Vert Pretest 20.0 cc @ 60 C3/M
Auto Reset
Auto Reset
Probe Set @ 2039.1 FT
00:10:40 1039.13
00:10:30 1039.12
00:10:20 1039.11
00:10:10 1039.10
00:10:00 40.32 1039.10
00:09:50 1039.08
00:09:40 1039.08
00:09:30 1038.95
00:09:20 1038.88
00:09:10 1038.65
00:09:00 1038.63
00:08:50 1038.72
00:08:40 1037.96
00:08:30 1038.05
00:08:20 1038.81
00:08:10 1038.94
00:08:00 40.30 1038.89
00:07:50 1038.83
00:07:40 1038.88
00:07:30 1042.86
00:07:20 1040.41
00:07:10 1038.87
00:07:00 1038.86
00:06:50 1038.86
00:06:40 1038.80
00:06:30 1038.78
00:06:20 1038.85
00:06:10 1038.85
00:06:00 40.29 1038.84
00:05:50 1038.70
00:05:40 1038.64
00:05:30 1038.59
00:05:20 1038.50
00:05:10 1038.57
00:05:00 1038.14
00:04:50 1037.91
00:04:40 1037.90
00:04:30 1038.57
00:04:20 1038.58
00:04:10 1038.57
00:04:00 40.28 1038.59
00:03:50 1038.58
00:03:40 1038.58
00:03:30 1038.56
00:03:20 1038.53
00:03:10 1038.50
00:03:00 1038.48
00:02:50 1038.45
00:02:40 1038.43
00:02:30 1038.46
00:02:20 1039.34
00:02:10 1055.22
00:02:00 40.27 1036.77
00:01:50 1037.84
00:01:40 1037.79
00:01:30 1037.62
00:01:20 1037.27
00:01:10 1038.32
00:01:00 1038.36
00:00:50 1038.42
00:00:40 1038.45
00:00:30 1038.51
00:00:20 1038.56
00:00:10 1038.62
00:00:00 40.27 1038.68
MPPS 1 Quartz
MPPS 1 Quartz
MPPS 1 Quartz

MRPS 1 Quartz Temperature (BQT1) 100 (DEGF) 150	Elapsed Time (ETIM) (S)	MRPS 1 Quartz Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure Tens Digit (BQP1) 0 (PSIA) 100	MRPS 1 Quartz Gauge Pressure Ones Digit (BQP1) 0 (PSIA) 10	MRPS 1 Quartz Gauge Pressure Fractions (BQP1) 0 (PSIA) 1
MRPS 1 Quartz Pressure (BQP1) 0 (PSIA) 2000	MRHY Motor (HMS1) (RPM) 0 8000	MRPS 1 Quartz Gauge Temperature (BQT1) (DEGF)			

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: CQG_PROBE Vertical Scale: 1" per 60S Graphics File Created: 17−Feb−2007 18:03

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_097LTP	FN:108	PRODUCER	17−Feb−2007 18:03

Schlumberger

DEPTH 2032

MAXIS Field Log

Output DLIS Files

DEFAULT	MDT_OFA_098LTP	FN:109	PRODUCER	17−Feb−2007 18:30	2038.7 FT 4.8 FT

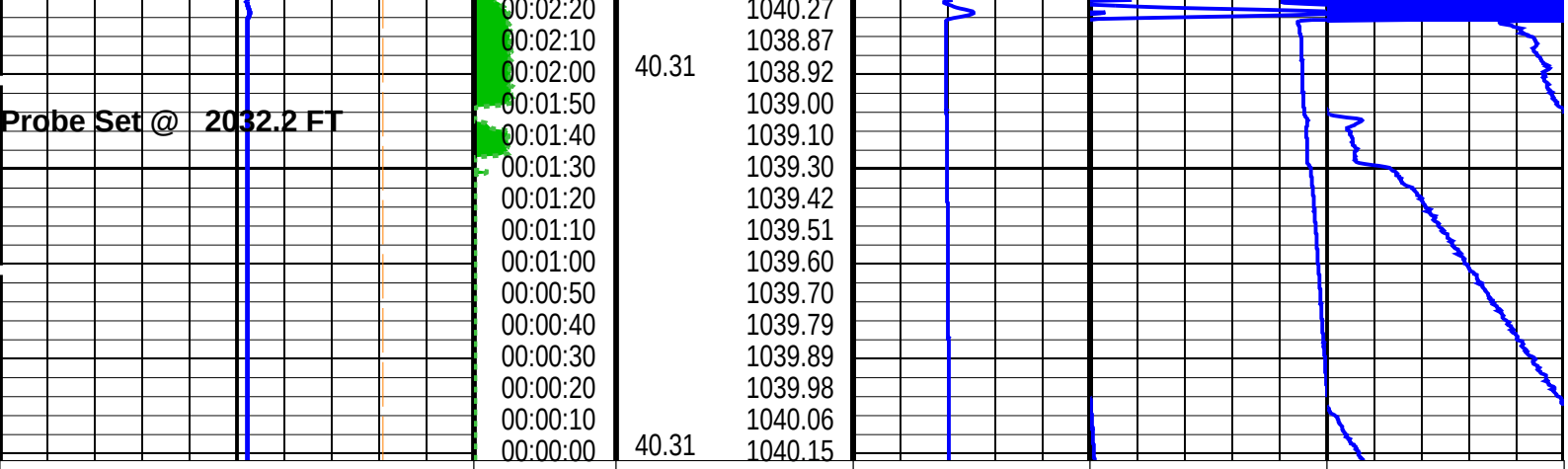
Elapsed Time (s)	Event Summary

465.3	Retract Single Probe Module (MRPS) 1
389.7	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
301.2	Probe Set @ 2032.2 FT Single Probe Module (MRPS) 1
231.6	Retract Single Probe Module (MRPS) 1
190.2	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
107.7	Probe Set @ 2032.2 FT Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Pressure (BQP1) 0 (PSIA) 2000	MRHY Motor (HMS1) (RPM) 0 8000	MRPS 1 Quartz Gauge Temperature (BQT1) (DEGF)			
MRPS 1 Quartz Temperature (BQT1) 100 (DEGF) 150	Elapsed Time (ETIM) (S)	MRPS 1 Quartz Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure Tens Digit (BQP1) 0 (PSIA) 100	MRPS 1 Quartz Gauge Pressure Ones Digit (BQP1) 0 (PSIA) 10	MRPS 1 Quartz Gauge Pressure Fractions (BQP1) 0 (PSIA) 1
	00:09:20	1035.57			
	00:09:10	1035.61			
	00:09:00	1035.65			
	00:08:50	1035.68			
	00:08:40	1035.71			
	00:08:30	1035.73			
	00:08:20	1035.76			
	00:08:10	1035.66			
	00:08:00	40.36 1035.67			
Retract	00:07:50	1035.74			
	00:07:40	1035.90			
	00:07:30	1036.03			
	00:07:20	1036.06			
	00:07:10	1036.05			
Vert Pretest 20.0 cc @ 60 C3/M	00:07:00	1035.95			
	00:06:50	1034.30			
	00:06:40	1034.14			
	00:06:30	1036.40			
	00:06:20	1036.72			
	00:06:10	1036.76			
	00:06:00	40.34 1036.77			
	00:05:50	1037.00			
	00:05:40	1039.78			
	00:05:30	1037.14			
	00:05:20	1037.19			
	00:05:10	1037.17			
Probe Set @ 2032.2 FT	00:05:00	1037.34			
	00:04:50	1037.36			
	00:04:40	1037.35			
	00:04:30	1037.47			
	00:04:20	1037.48			
	00:04:10	1037.52			
	00:04:00	40.32 1037.31			
Retract	00:03:50	1037.44			
Vert Pretest 20.0 cc @ 60 C3/M	00:03:40	1037.59			
	00:03:30	1035.20			
	00:03:20	1035.17			
	00:03:10	1038.82			
	00:03:00	1039.08			
	00:02:50	1039.14			
	00:02:40	1039.38			
	00:02:30	1039.37			



MRPS 1 Quartz Temperature (BQT1) 100 (DEGF) 150	Elapsed Time (ETIM) (S)	MRPS 1 Quartz Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure Tens Digit (BQP1) 0 (PSIA) 100	MRPS 1 Quartz Gauge Pressure Ones Digit (BQP1) 0 (PSIA) 10	MRPS 1 Quartz Gauge Pressure Fractions (BQP1) 0 (PSIA) 1
MRPS 1 Quartz Pressure (BQP1) 0 (PSIA) 2000	MRHY Motor (HMS1) (RPM) 0 8000	MRPS 1 Quartz Gauge Temperature (BQT1) (DEGF)			

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: CQG_PROBE Vertical Scale: 1" per 60S Graphics File Created: 17−Feb−2007 18:30

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_098LTP	FN:109	PRODUCER	17−Feb−2007 18:30

Schlumberger

DEPTH 2025

Output DLIS Files

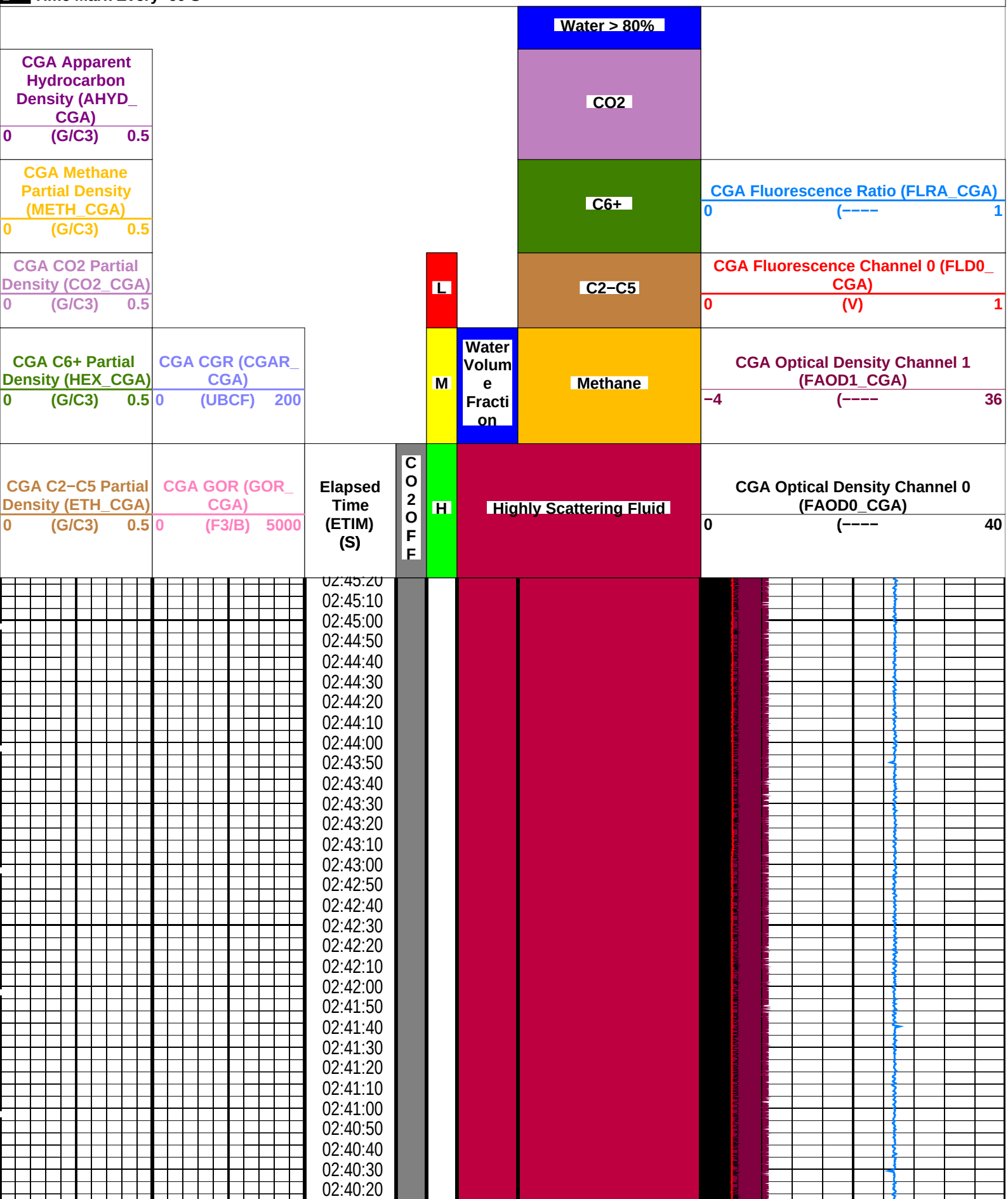
DEFAULT	MDT_OFA_099LTP	FN:110	PRODUCER	17−Feb−2007 18:46	2025.2 FT	82.7 FT

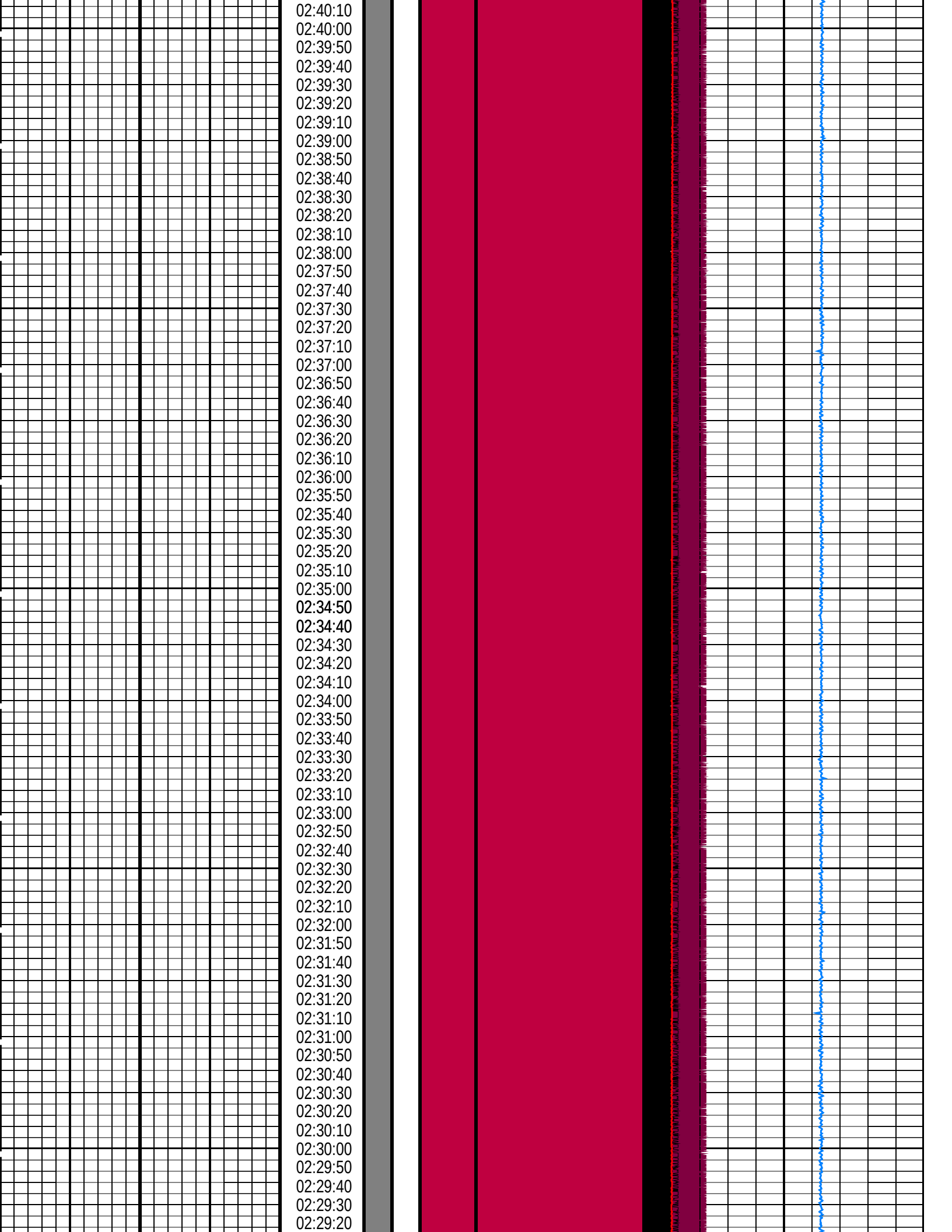
Elapsed Time (s)	Event Summary
8163.0	Pumping Stopped 3540.0 C3 Dual Pumpout Module (MRPO) 2
8118.3	Seal MDT Multi−Sample (MRMS) 1, bottle 5
7826.7	Pump Out Started Dual Pumpout Module (MRPO) 2
7824.3	Pumping Stopped 366.0 C3 Dual Pumpout Module (MRPO)
7748.1	Pump Out Started Dual Pumpout Module (MRPO)
7742.7	Pumping Stopped 14691.0 C3 Dual Pumpout Module (MRPO) 2
7159.8	Open MDT Multi−Sample (MRMS) 1, bottle 5, sample number = 5
5990.1	Pump Out Started Dual Pumpout Module (MRPO) 2
5974.8	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
5965.8	Pump In Started Dual Pumpout Module (MRPO) 2
5623.8	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
5607.3	Pump In Started Dual Pumpout Module (MRPO) 2
5587.2	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
5574.6	Pump Out Started Dual Pumpout Module (MRPO) 2
5343.9	Pumping Stopped 6726.0 C3 Dual Pumpout Module (MRPO) 2
4166.4	Pump Out Started Dual Pumpout Module (MRPO) 2
4162.5	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
4148.7	Pump Out Started Dual Pumpout Module (MRPO)
4147.2	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
4109.4	Pump Out Started Dual Pumpout Module (MRPO) 2
4041.6	Pumping Stopped 177.0 C3 Dual Pumpout Module (MRPO) 2
3900.9	Pump In Started Dual Pumpout Module (MRPO) 2
2313.6	Pumping Stopped 2124.0 C3 Dual Pumpout Module (MRPO) 2
2192.7	Pump Out Started Dual Pumpout Module (MRPO) 2
2192.4	Pumping Stopped 2124.0 C3 Dual Pumpout Module (MRPO) 2
1617.9	Pump Out Started Dual Pumpout Module (MRPO) 2
1605.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1591.5	Pump Out Started Dual Pumpout Module (MRPO)
1551.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1519.8	Pump Out Started Dual Pumpout Module (MRPO) 2
1400.4	Pumping Stopped 1416.0 C3 Dual Pumpout Module (MRPO) 2
1226.7	Pump In Started Dual Pumpout Module (MRPO) 2
1219.5	Seal Sample Chamber Module 2 (1 Gallon, H2S)
1205.1	Pumping Stopped 1098.0 C3 Dual Pumpout Module (MRPO)
1088.1	Open Sample Chamber Module 2 (1 Gallon, H2S), sample number = 2
1066.2	Pump In Started Dual Pumpout Module (MRPO)
1063.8	Pumping Stopped 1770.0 C3 Dual Pumpout Module (MRPO) 2
990.0	Pumping Stopped 366.0 C3 Dual Pumpout Module (MRPO)
975.9	Pump In Started Dual Pumpout Module (MRPO)
853.5	Pump In Started Dual Pumpout Module (MRPO) 2
816.9	Seal Sample Chamber Module 2 (1 Gallon, H2S)
798.0	Pumping Stopped 4758.0 C3 Dual Pumpout Module (MRPO)

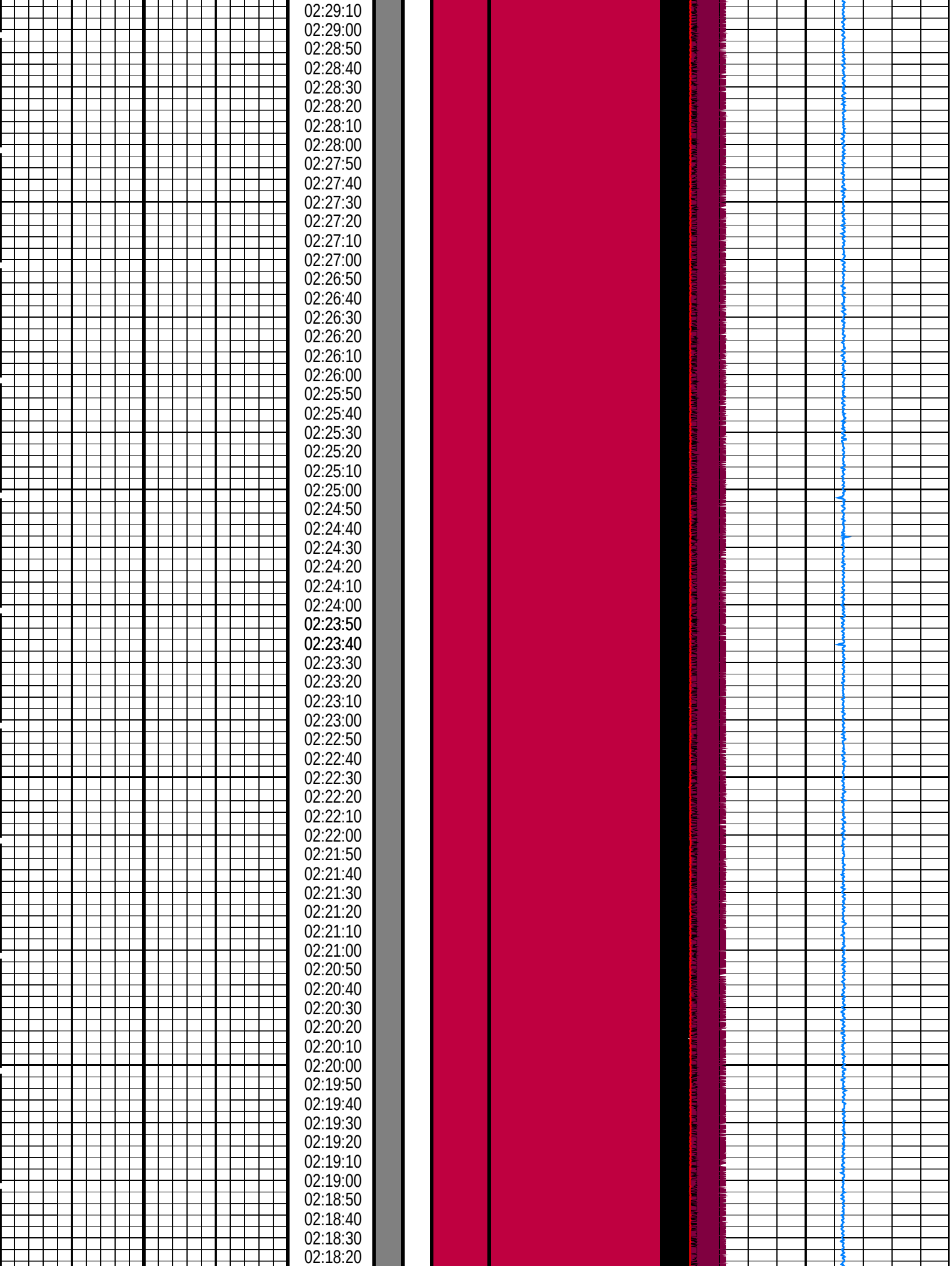
798.9	Pumping Stopped 4758.0 C3 Dual Pumpout Module (MRPO)
226.2	Pump In Started Dual Pumpout Module (MRPO)

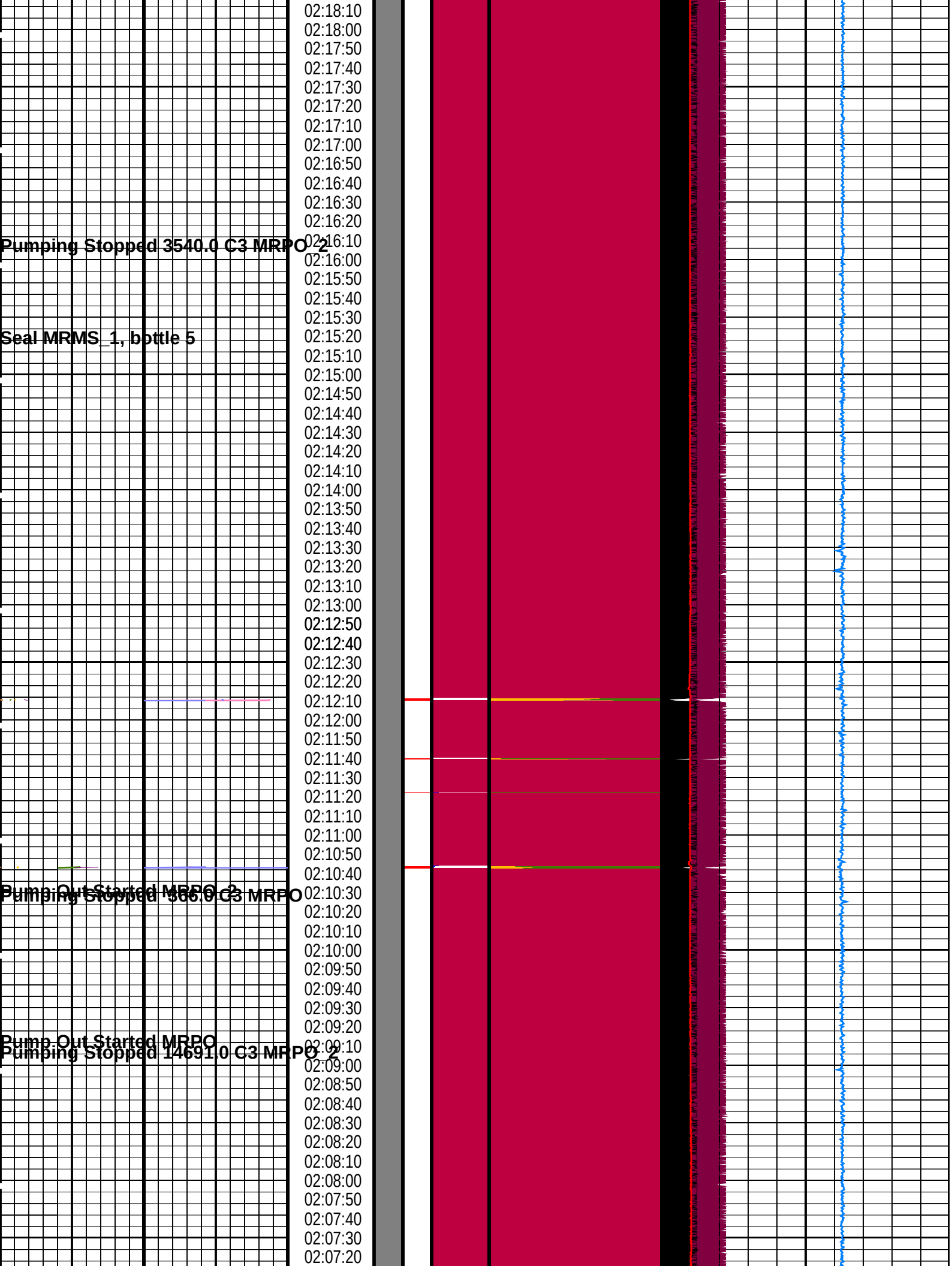
PIP SUMMARY

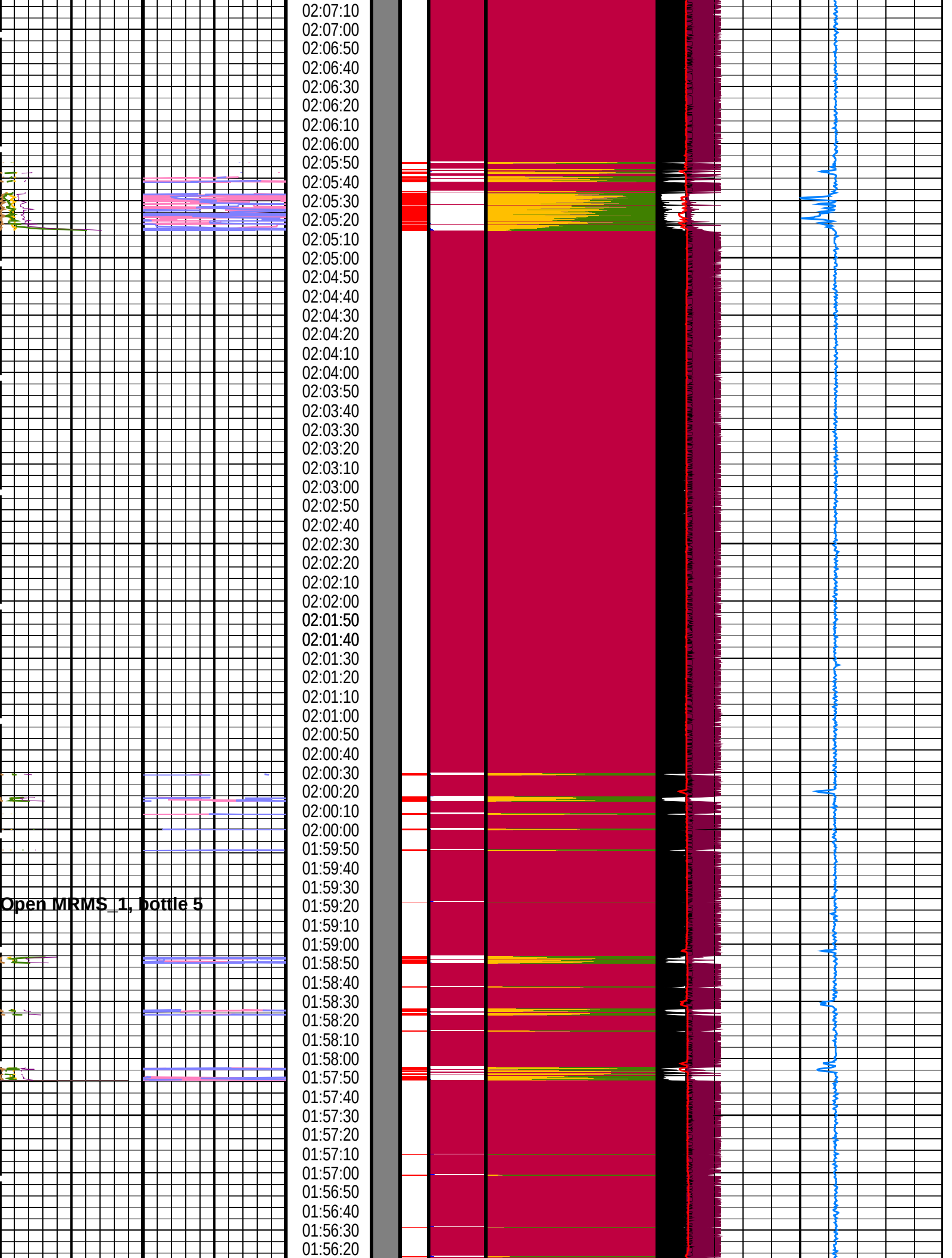
Time Mark Every 60 S

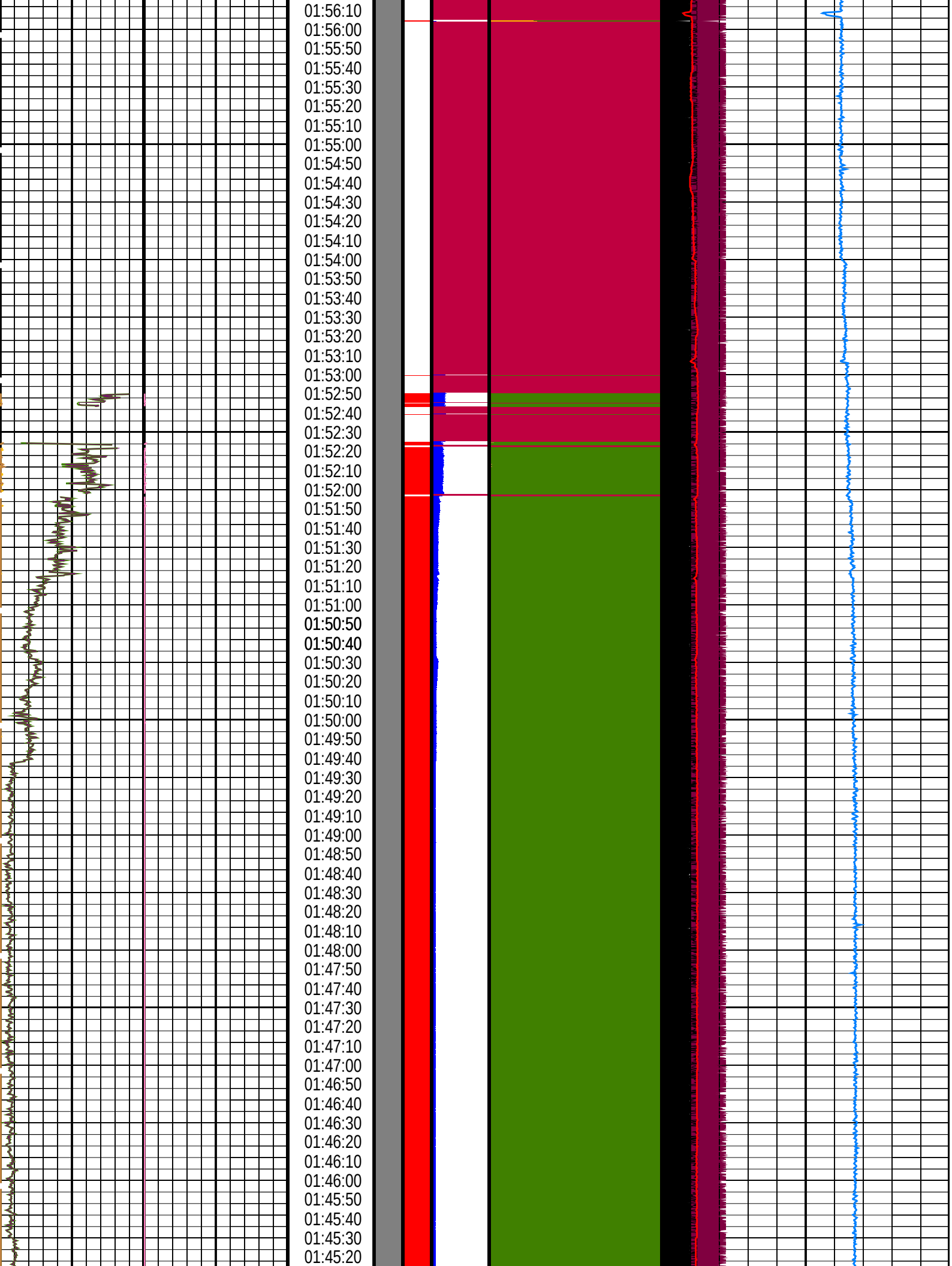


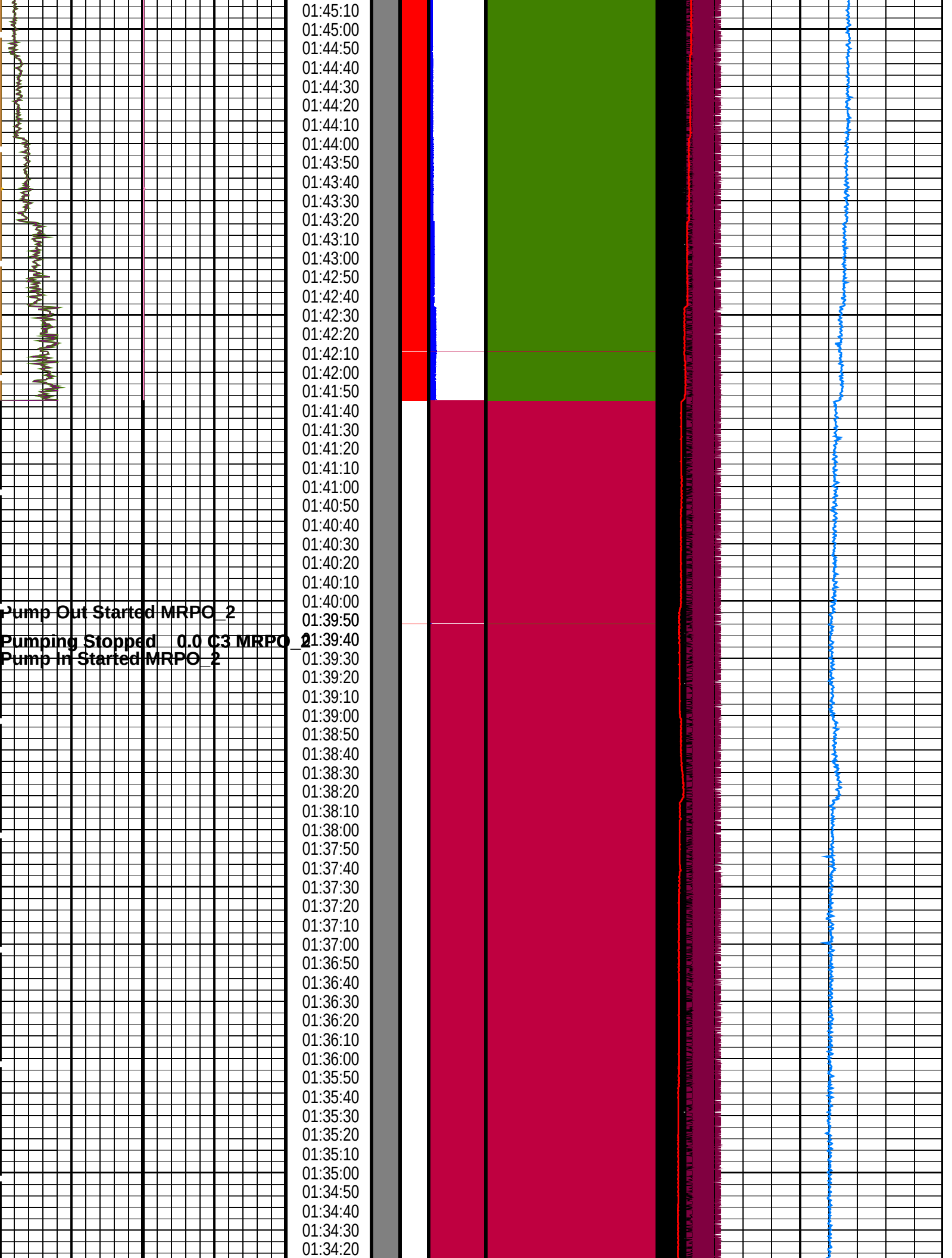

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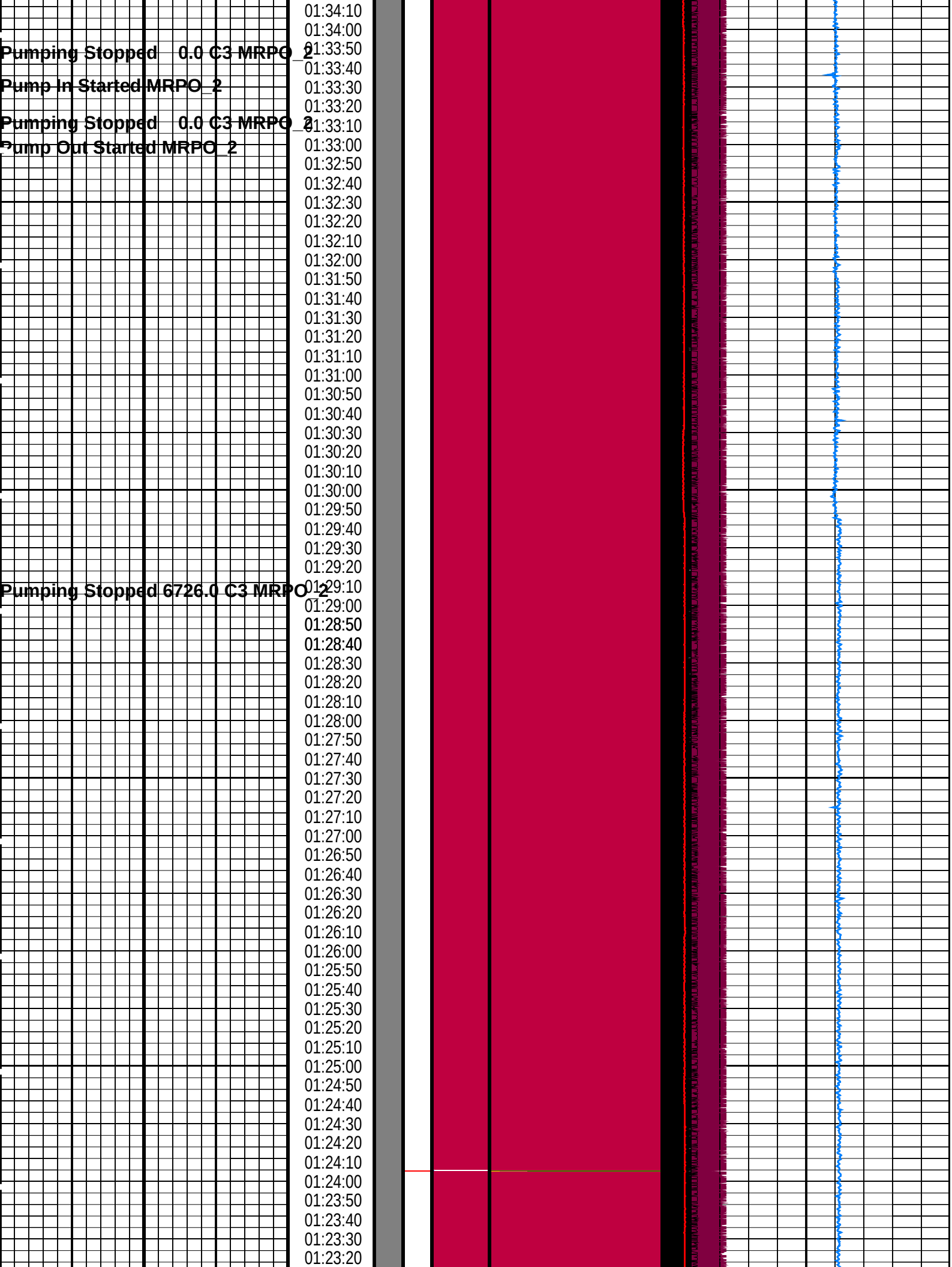

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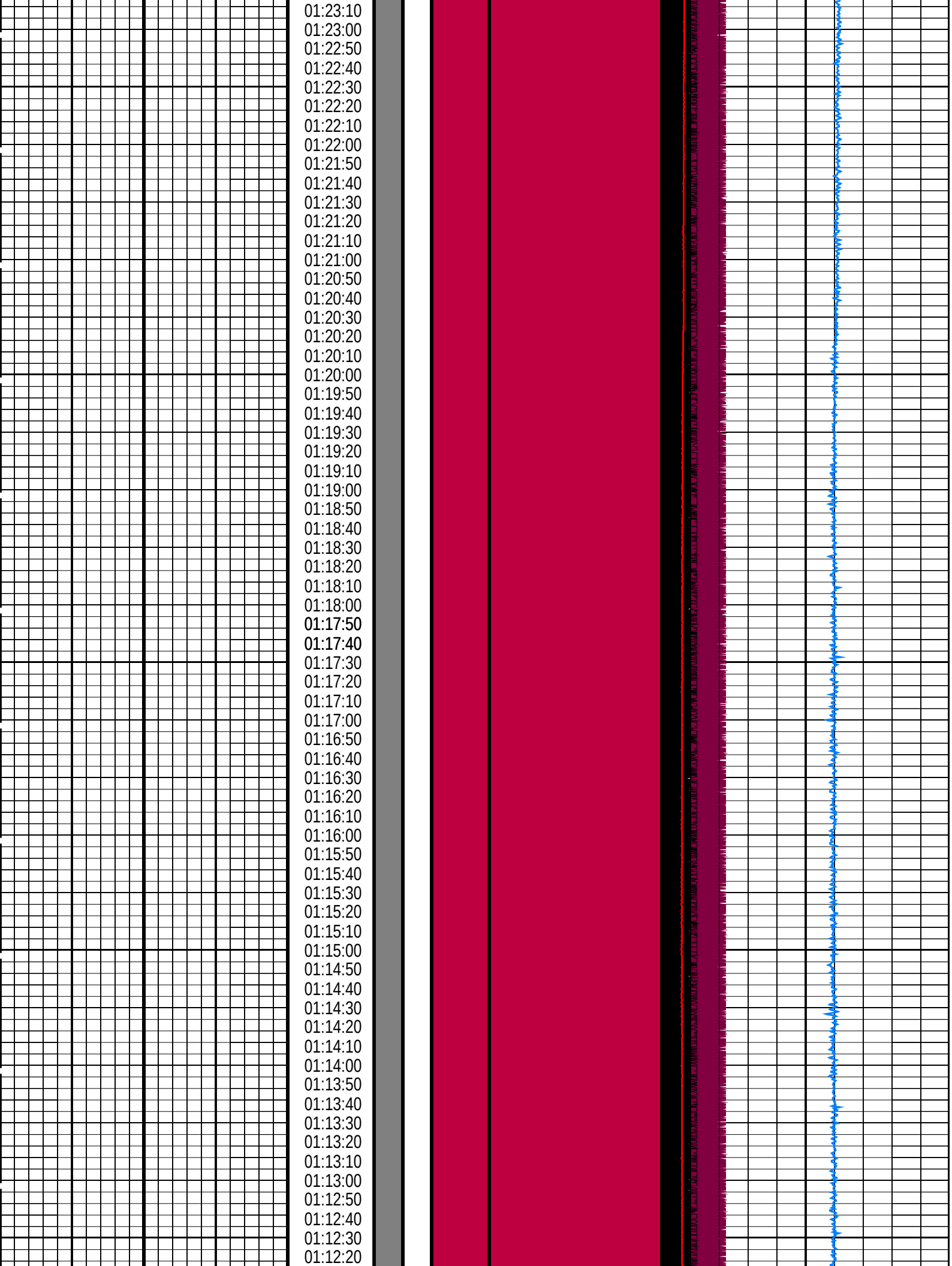

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Pumping Stopped 3540.0 C3 MRPO 2
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Seal MRMS_1, bottle 5
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02:11:00
02:10:50
02:10:40
Pump Out Started MRPO 2
Pumping Stopped 366.0 C3 MRPO
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02:10:10
02:10:00
02:09:50
02:09:40
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Pump Out Started MRPO
Pumping Stopped 14691.0 C3 MRPO 2
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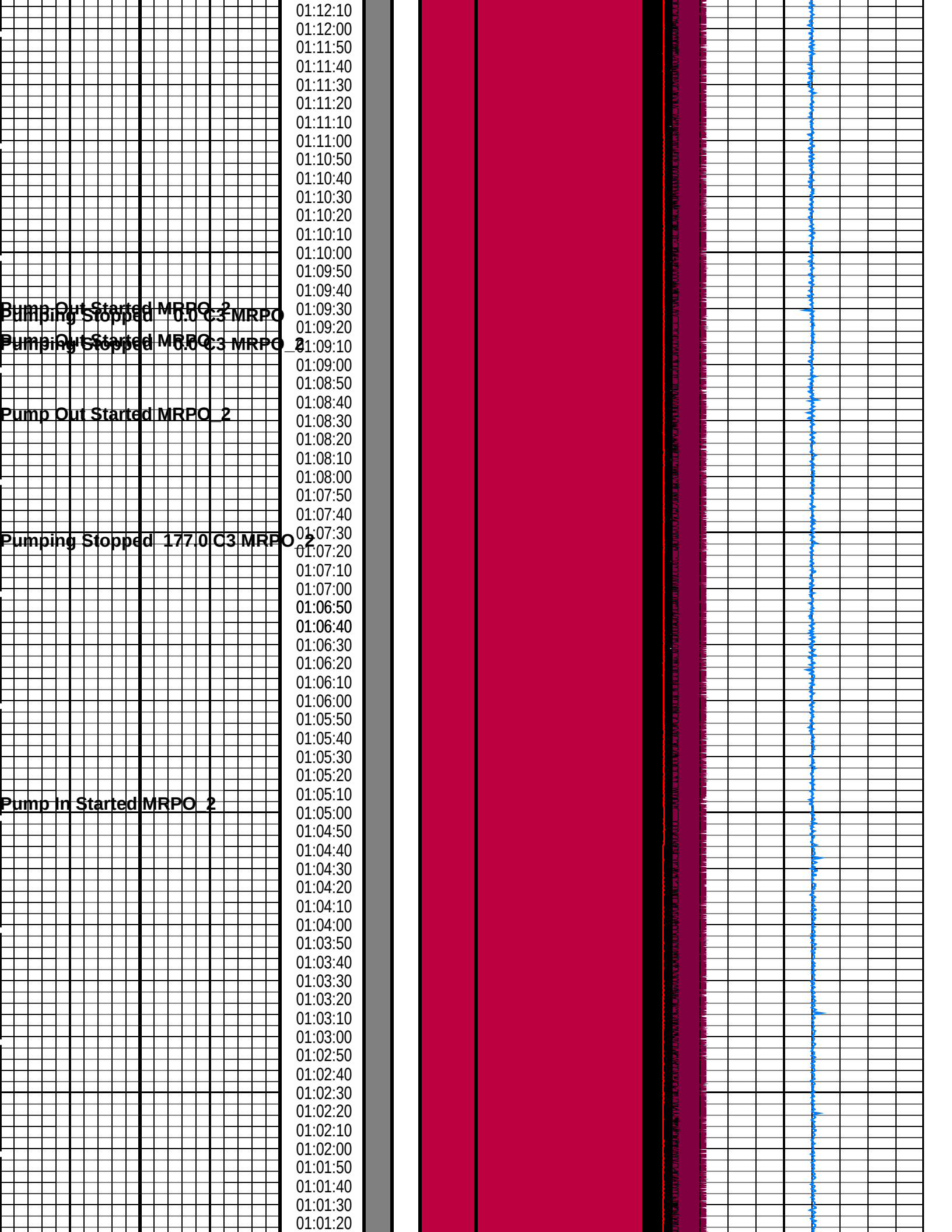

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Open MRMS_1, bottle 5

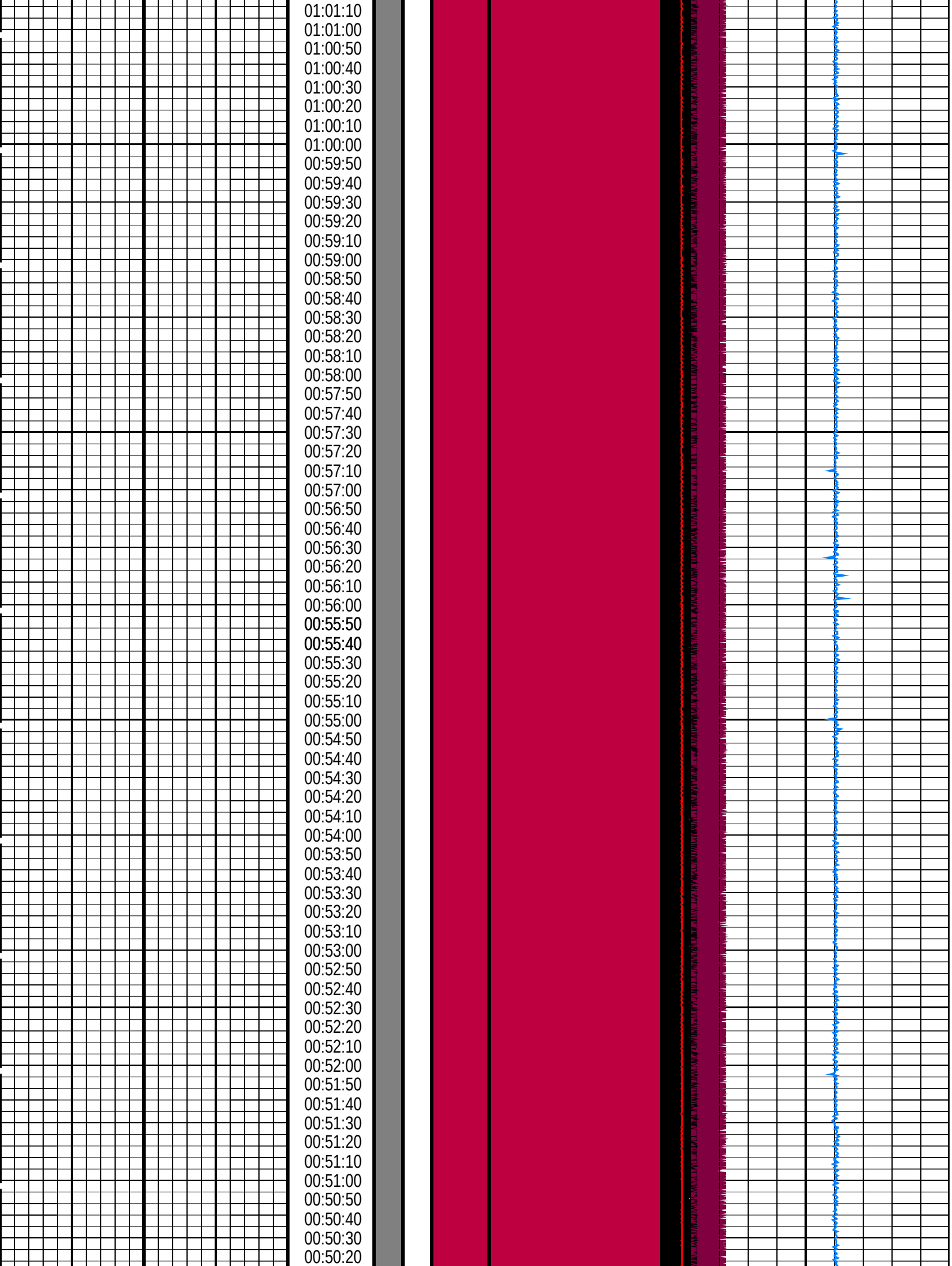

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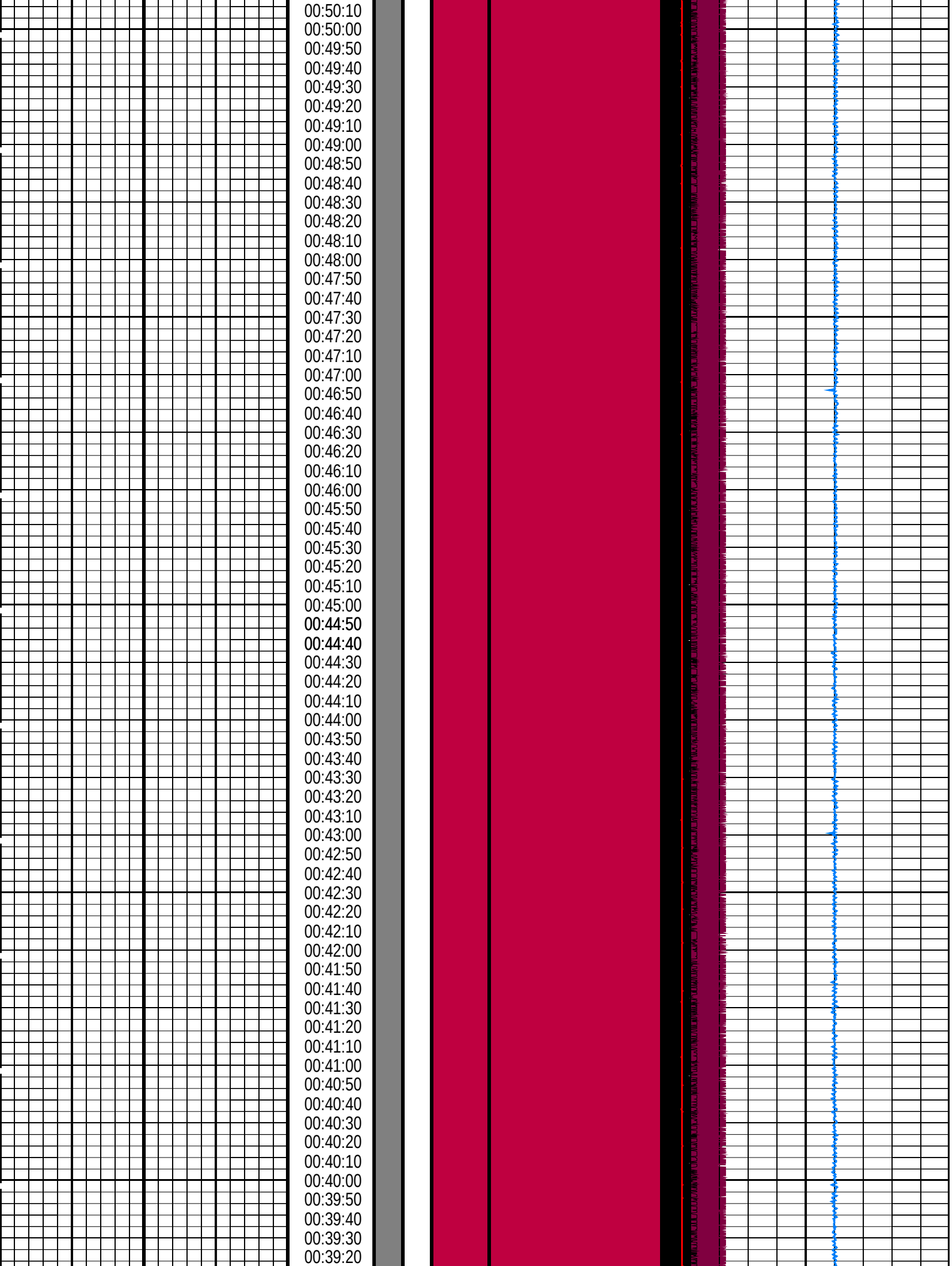

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Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2

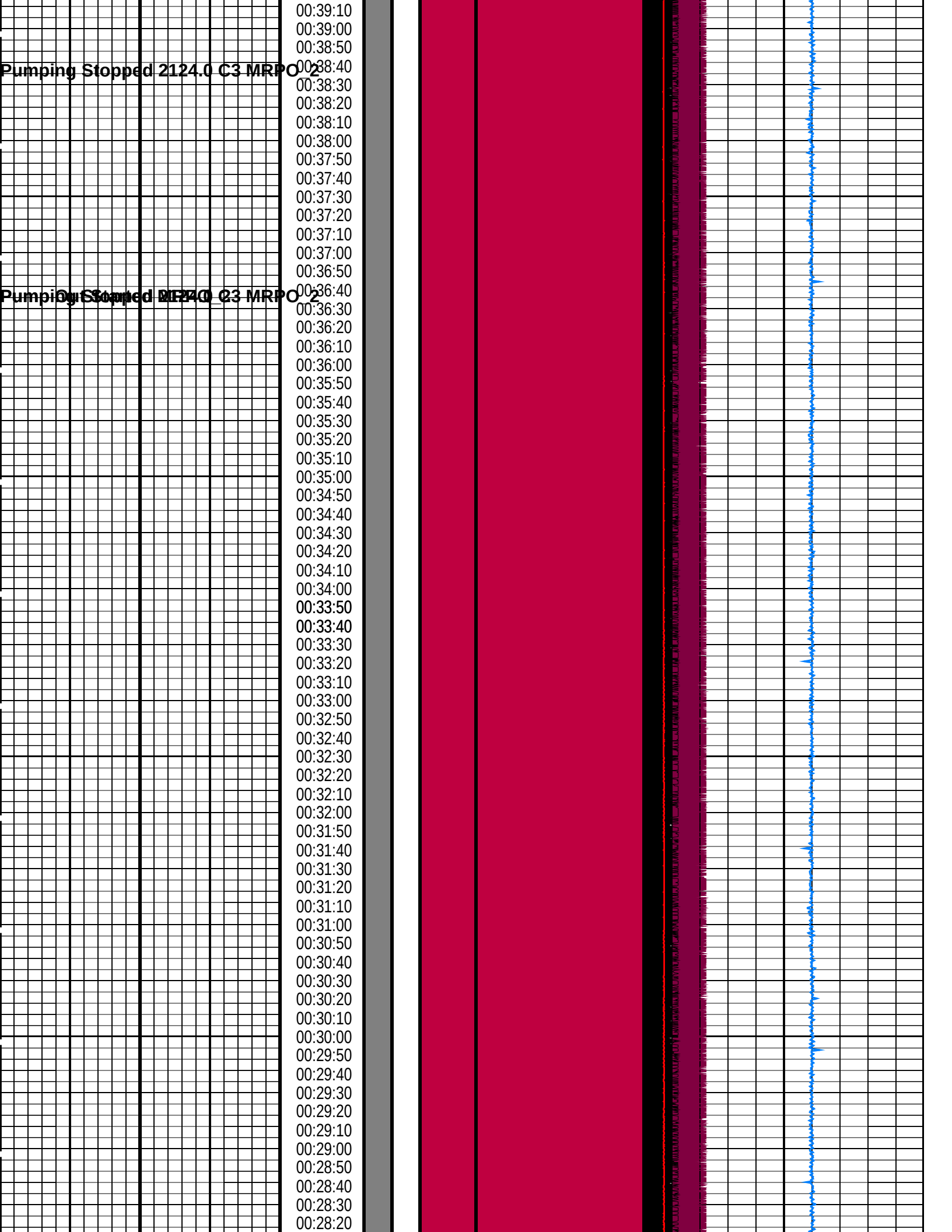

Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 6726.0 C3 MRPO_2
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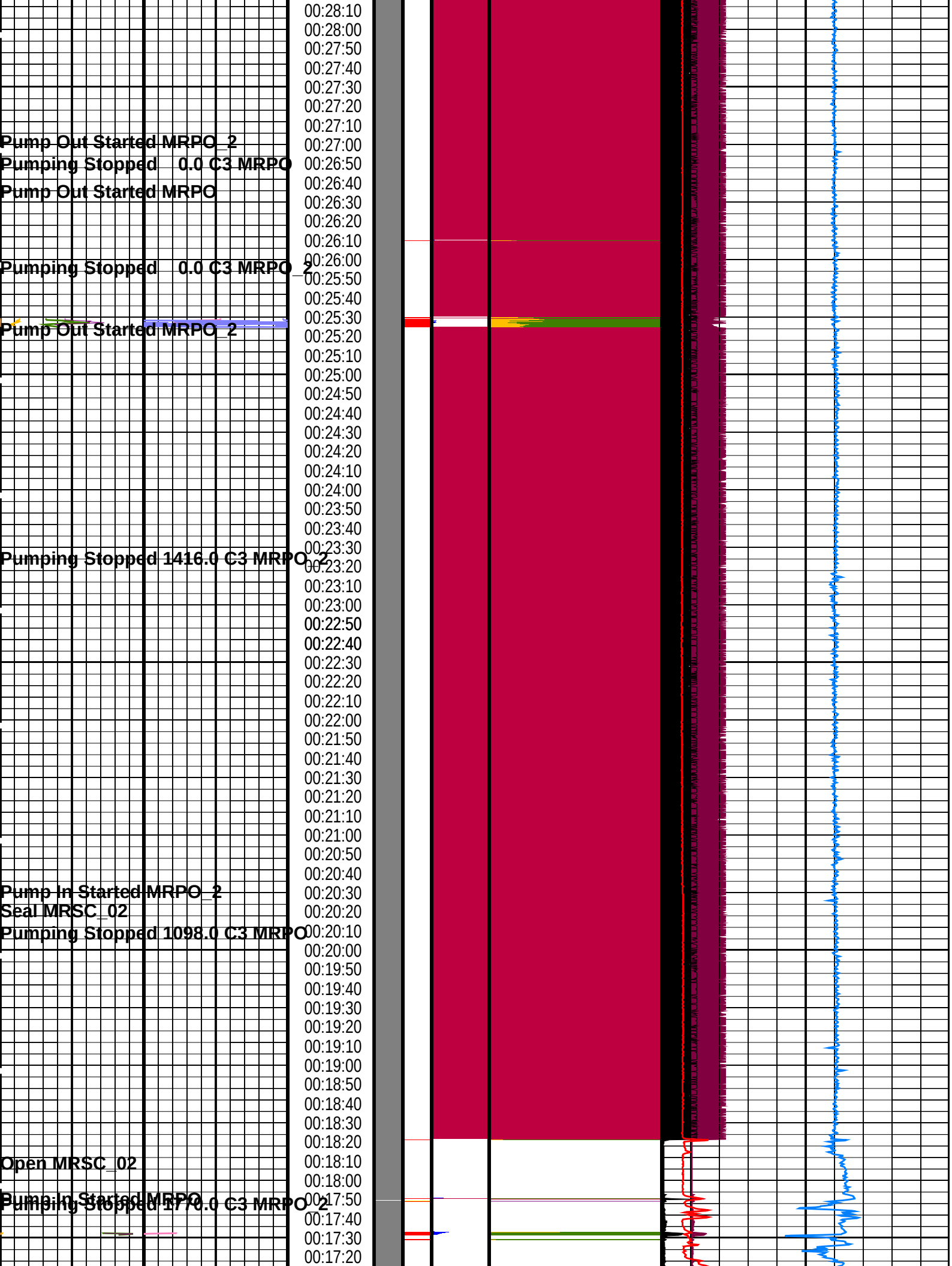

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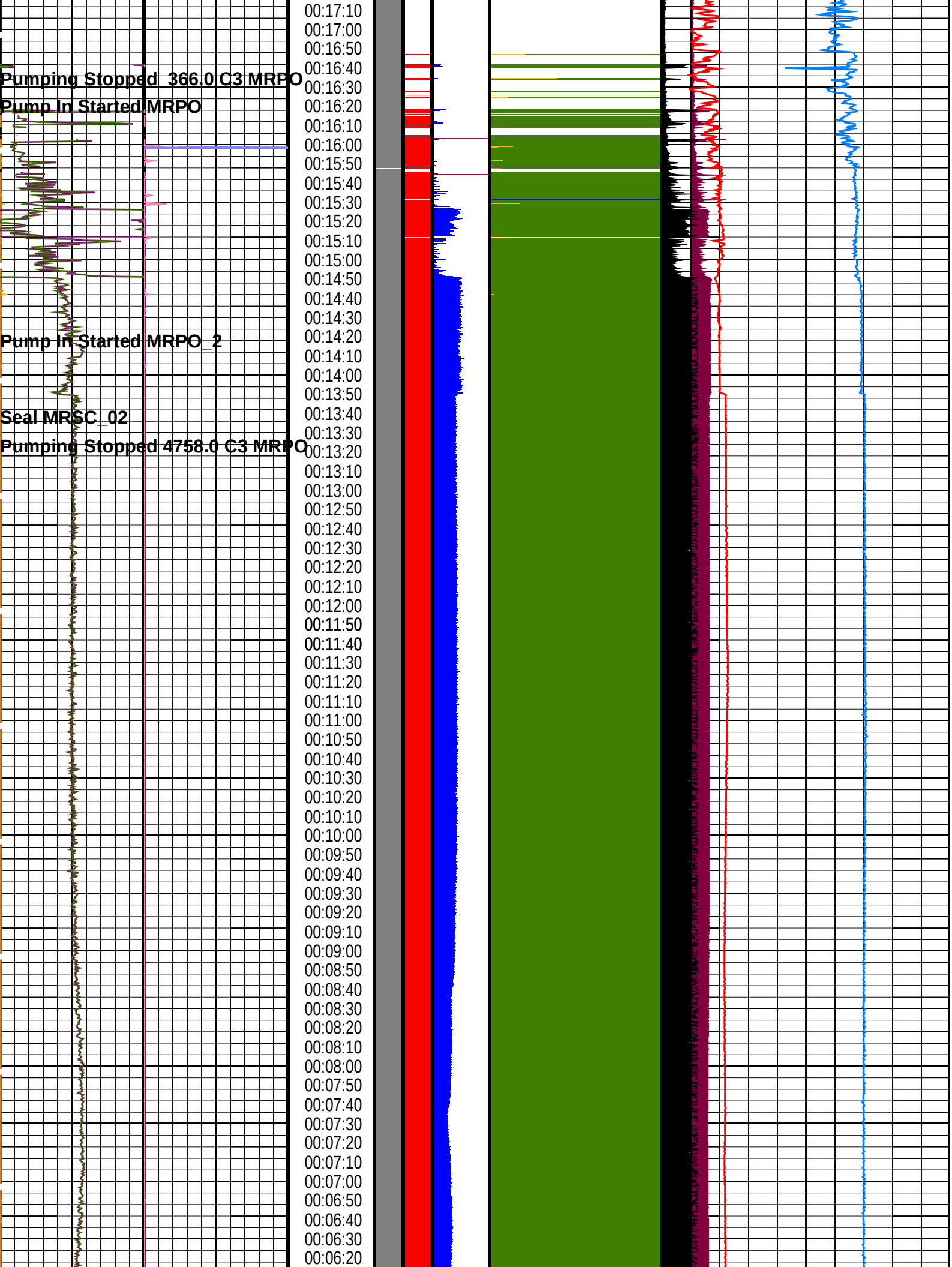

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Pumping Stopped 0.0 C3 MRPO
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Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
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Pump Out Started MRPO_2
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01:08:10
01:08:00
01:07:50
01:07:40
Pumping Stopped 177.0 C3 MRPO_2
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00:54:50
00:54:40
00:54:30
00:54:20
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00:45:40
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00:44:10
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00:43:20
00:43:10
00:43:00
00:42:50
00:42:40
00:42:30
00:42:20
00:42:10
00:42:00
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00:41:20
00:41:10
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00:40:40
00:40:30
00:40:20
00:40:10
00:40:00
00:39:50
00:39:40
00:39:30
00:39:20


Pumping Stopped 2124.0 C3 MRPO_2
Pumping Stopped 2124.0 C3 MRPO_2
00:39:10
00:39:00
00:38:50
00:38:40
00:38:30
00:38:20
00:38:10
00:38:00
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00:19:10
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00:18:40
00:18:30
00:18:20
00:18:10
00:18:00
00:17:50
00:17:40
00:17:30
00:17:20
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO
Pump Out Started MRPO
Pumping Stopped 0.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 1416.0 C3 MRPO_2
Pump In Started MRPO_2
Seal MRSC_02
Pumping Stopped 1098.0 C3 MRPO
Open MRSC_02
Pump In Started MRPO
Pumping Stopped 1770.0 C3 MRPO_2


Pumping Stopped 366.0 C3 MRPO
Pump In Started MRPO
Pump In Started MRPO_2
Seal MRSC_02
Pumping Stopped 4758.0 C3 MRPO
00:17:10
00:17:00
00:16:50
00:16:40
00:16:30
00:16:20
00:16:10
00:16:00
00:15:50
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00:07:40
00:07:30
00:07:20
00:07:10
00:07:00
00:06:50
00:06:40
00:06:30
00:06:20



CGA C2−C5 Partial Density (ETH_CGA)
0 (G/C3) 0.5

CGA GOR (GOR_CGA)
0 (F3/B) 5000

Elapsed Time (ETIM) (S)

CO2OFF

H

Highly Scattering Fluid

CGA Optical Density Channel 0 (FAOD0_CGA)
0 (---- 40

CGA C6+ Partial Density (HEX_CGA)
0 (G/C3) 0.5

CGA CGR (CGAR_CGA)
0 (UBCF) 200

M

Water Volume Fraction

Methane

CGA Optical Density Channel 1 (FAOD1_CGA)
−4 (---- 36

CGA CO2 Partial Density (CO2_CGA)
0 (G/C3) 0.5

L

C2−C5

CGA Fluorescence Channel 0 (FLD0_CGA)
0 (V) 1

CGA Methane Partial Density (METH_CGA)
0 (G/C3) 0.5

C6+

CGA Fluorescence Ratio (FLRA_CGA)
0 (---- 1

CGA Apparent Hydrocarbon Density (AHYD_CGA)
0 (G/C3) 0.5

CO2

Water > 80%

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	CGA: Condensate & Gas Analyzer		
FA2M_CGA	CGA CO2 Allow/Disallow Mode	ALLOW	
FADM_CGA	CGA Dew Detection Allow/Disallow Mode	ALLOW	
FAGM_CGA	CGA GOR Allow/Disallow Mode	ALLOW	
FAODW_CGA	CGA Water Absorption Spectra	** V **	
FAPC_CGA	CGA Path Correction Coefficient	1.0474	
FAPM_CGA	CGA Composition Allow/Disallow Mode	ALLOW	
FATCM_CGA	CGA Temp. Coef. Measure Mode	** V **	
FATCS_CGA	CGA Temp. Coef. Source Mode	** V **	
HAPI_CGA	CGA Hydrocarbon API	35	DAPI
MFGCAL_STATUS_CGA	CGA Manufacturing Calibration Coefficient Status	VALID	
ODTMP_CGA	CGA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
TCPS_STATUS_CGA	CGA Temperature Compensation Coefficient Status	VALID	
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: CGA_Station Vertical Scale: 1" per 60S Graphics File Created: 17−Feb−2007 18:47

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_099LTP	FN:110	PRODUCER	17−Feb−2007 18:46		

Output DLIS Files

DEFAULT	MDT_OFA_099LTP	FN:110	PRODUCER	17−Feb−2007 18:46	2025.2 FT	82.7 FT

Elapsed Time (s)	Event Summary
8163.0	Pumping Stopped 3540.0 C3 Dual Pumpout Module (MRPO) 2
8118.3	Seal MDT Multi−Sample (MRMS) 1, bottle 5
7826.7	Pump Out Started Dual Pumpout Module (MRPO) 2
7824.3	Pumping Stopped 366.0 C3 Dual Pumpout Module (MRPO)
7748.1	Pump Out Started Dual Pumpout Module (MRPO)
7742.7	Pumping Stopped 14691.0 C3 Dual Pumpout Module (MRPO) 2
7159.8	Open MDT Multi−Sample (MRMS) 1, bottle 5, sample number = 5
5990.1	Pump Out Started Dual Pumpout Module (MRPO) 2
5974.8	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
5965.8	Pump In Started Dual Pumpout Module (MRPO) 2
5623.8	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
5607.3	Pump In Started Dual Pumpout Module (MRPO) 2
5587.2	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
5574.6	Pump Out Started Dual Pumpout Module (MRPO) 2

5343.9	Pumping Stopped 6726.0 C3 Dual Pumpout Module (MRPO) 2
4166.4	Pump Out Started Dual Pumpout Module (MRPO) 2
4162.5	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
4148.7	Pump Out Started Dual Pumpout Module (MRPO)
4147.2	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
4109.4	Pump Out Started Dual Pumpout Module (MRPO) 2
4041.6	Pumping Stopped 177.0 C3 Dual Pumpout Module (MRPO) 2
3900.9	Pump In Started Dual Pumpout Module (MRPO) 2
2313.6	Pumping Stopped 2124.0 C3 Dual Pumpout Module (MRPO) 2
2192.7	Pump Out Started Dual Pumpout Module (MRPO) 2
2192.4	Pumping Stopped 2124.0 C3 Dual Pumpout Module (MRPO) 2
1617.9	Pump Out Started Dual Pumpout Module (MRPO) 2
1605.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1591.5	Pump Out Started Dual Pumpout Module (MRPO)
1551.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1519.8	Pump Out Started Dual Pumpout Module (MRPO) 2
1400.4	Pumping Stopped 1416.0 C3 Dual Pumpout Module (MRPO) 2
1226.7	Pump In Started Dual Pumpout Module (MRPO) 2
1219.5	Seal Sample Chamber Module 2 (1 Gallon, H2S)
1205.1	Pumping Stopped 1098.0 C3 Dual Pumpout Module (MRPO)
1088.1	Open Sample Chamber Module 2 (1 Gallon, H2S), sample number = 2
1066.2	Pump In Started Dual Pumpout Module (MRPO)
1063.8	Pumping Stopped 1770.0 C3 Dual Pumpout Module (MRPO) 2
990.0	Pumping Stopped 366.0 C3 Dual Pumpout Module (MRPO)
975.9	Pump In Started Dual Pumpout Module (MRPO)
853.5	Pump In Started Dual Pumpout Module (MRPO) 2
816.9	Seal Sample Chamber Module 2 (1 Gallon, H2S)
798.9	Pumping Stopped 4758.0 C3 Dual Pumpout Module (MRPO)
226.2	Pump In Started Dual Pumpout Module (MRPO)

PIP SUMMARY

Time Mark Every 60 S

LFA Optical Density Channel 9 (FAOD_LFA[9])
−36 (−−−− 4

LFA Optical Density Channel 8 (FAOD_LFA[8])
−32 (−−−− 8

LFA Optical Density Channel 7 (FAOD_LFA[7])
−28 (−−−− 12

LFA Optical Density Channel 6 (FAOD_LFA[6])
−24 (−−−− 16

LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (−−−− 20

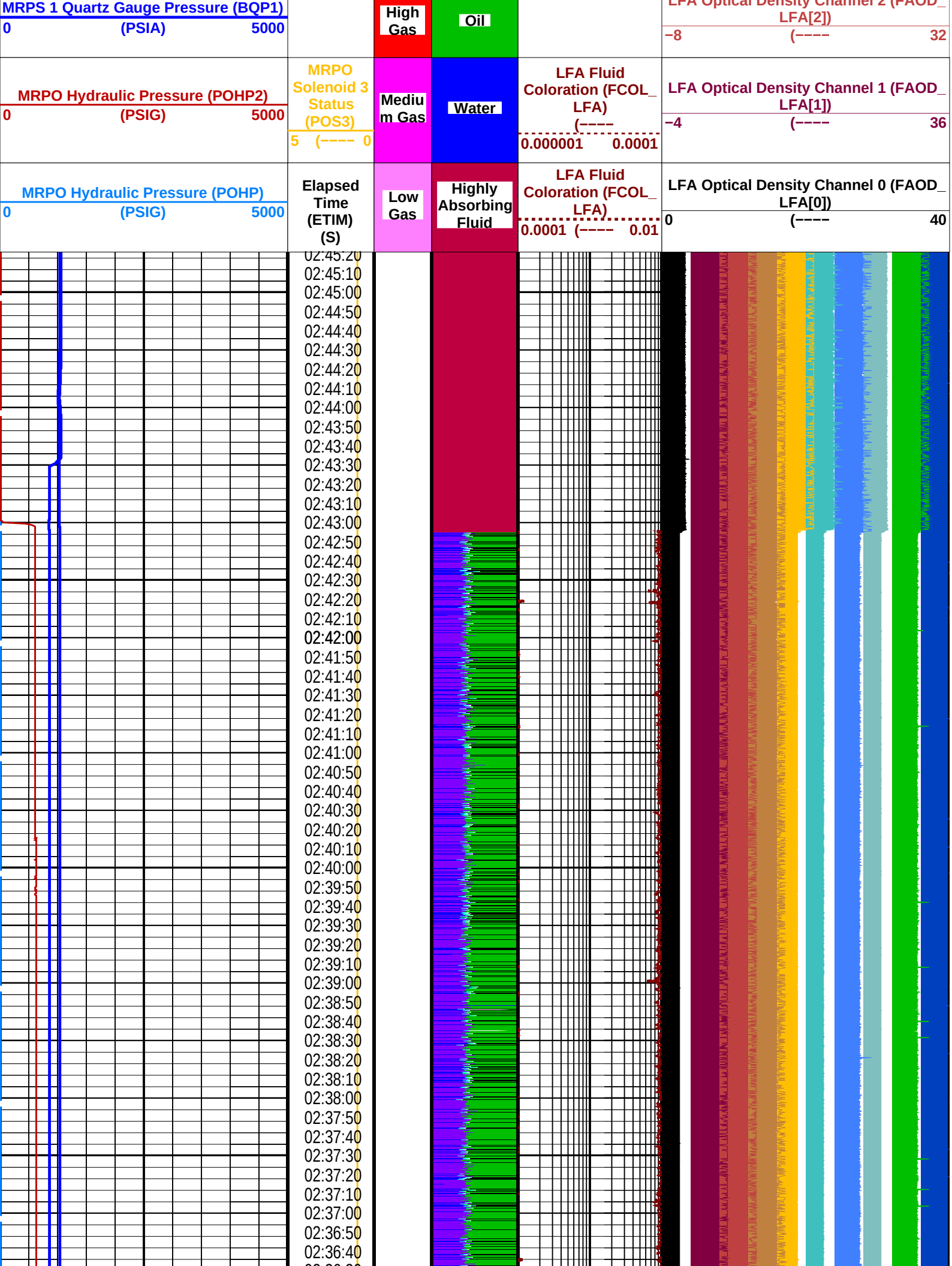
LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (−−−− 24

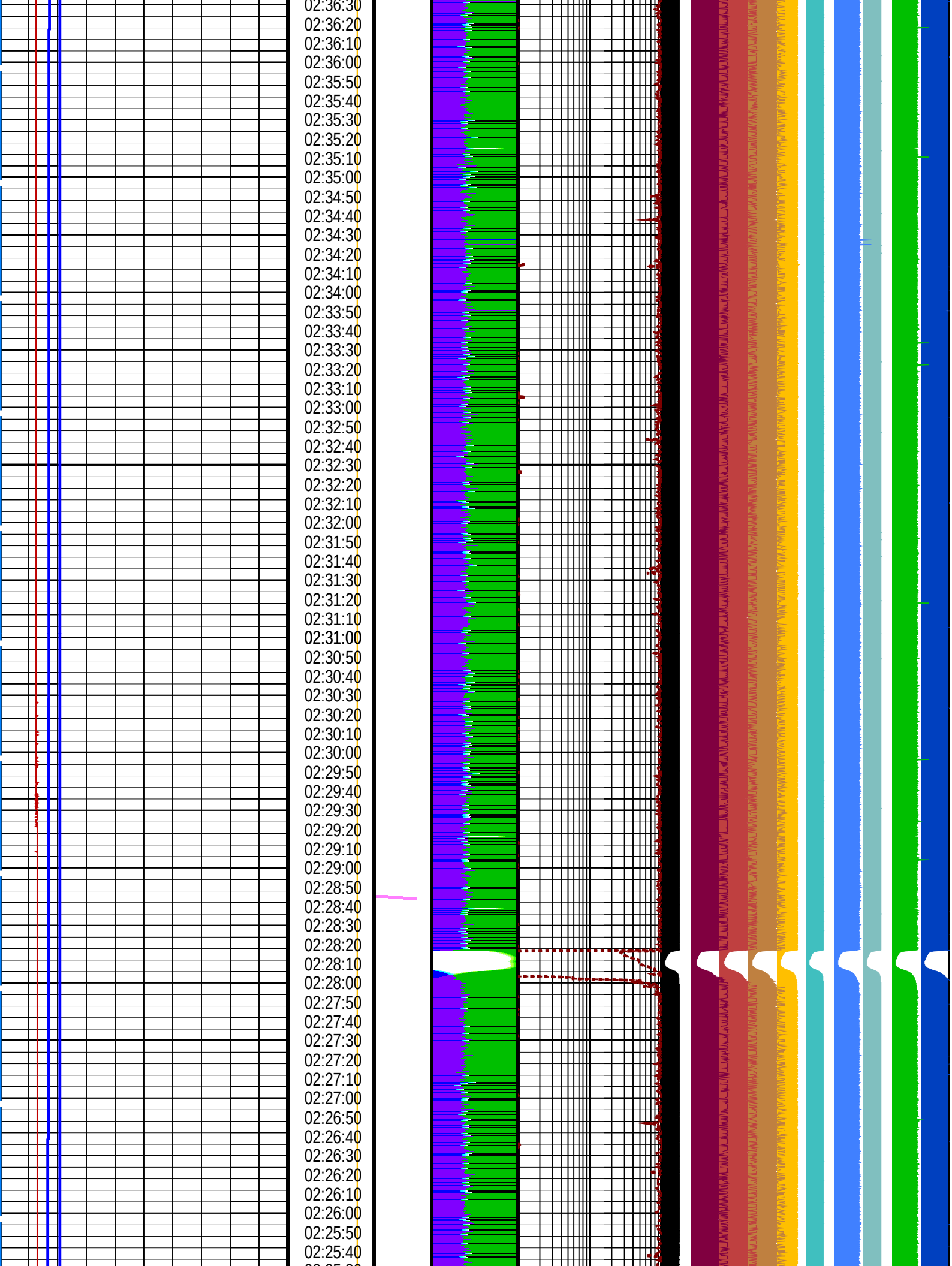
LFA Optical Density Channel 3 (FAOD_LFA[3])
−12 (−−−− 28

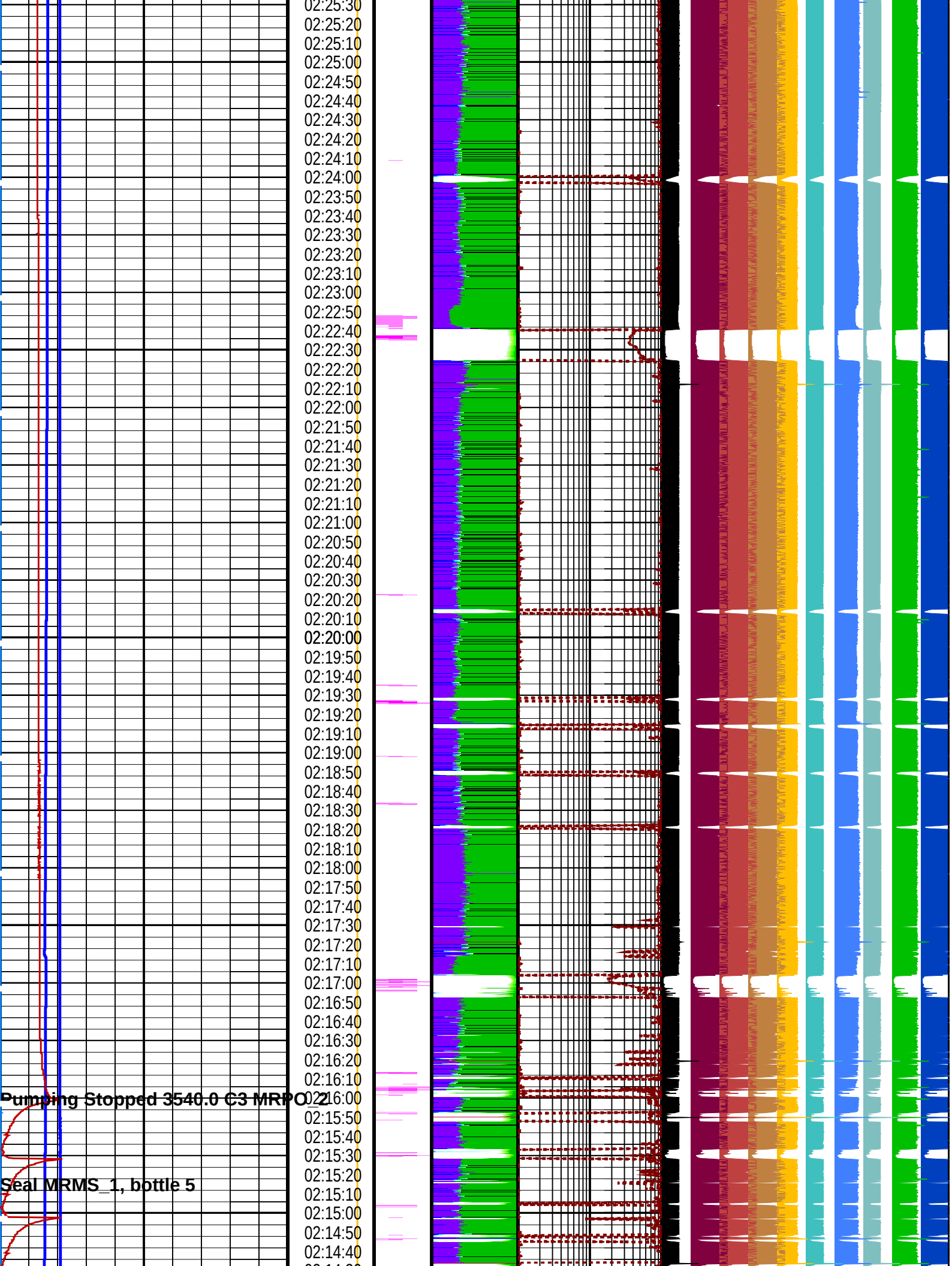
MRPS 1 Flowline Fluid Resistivity (BFR1)
0 (OHMM) 2

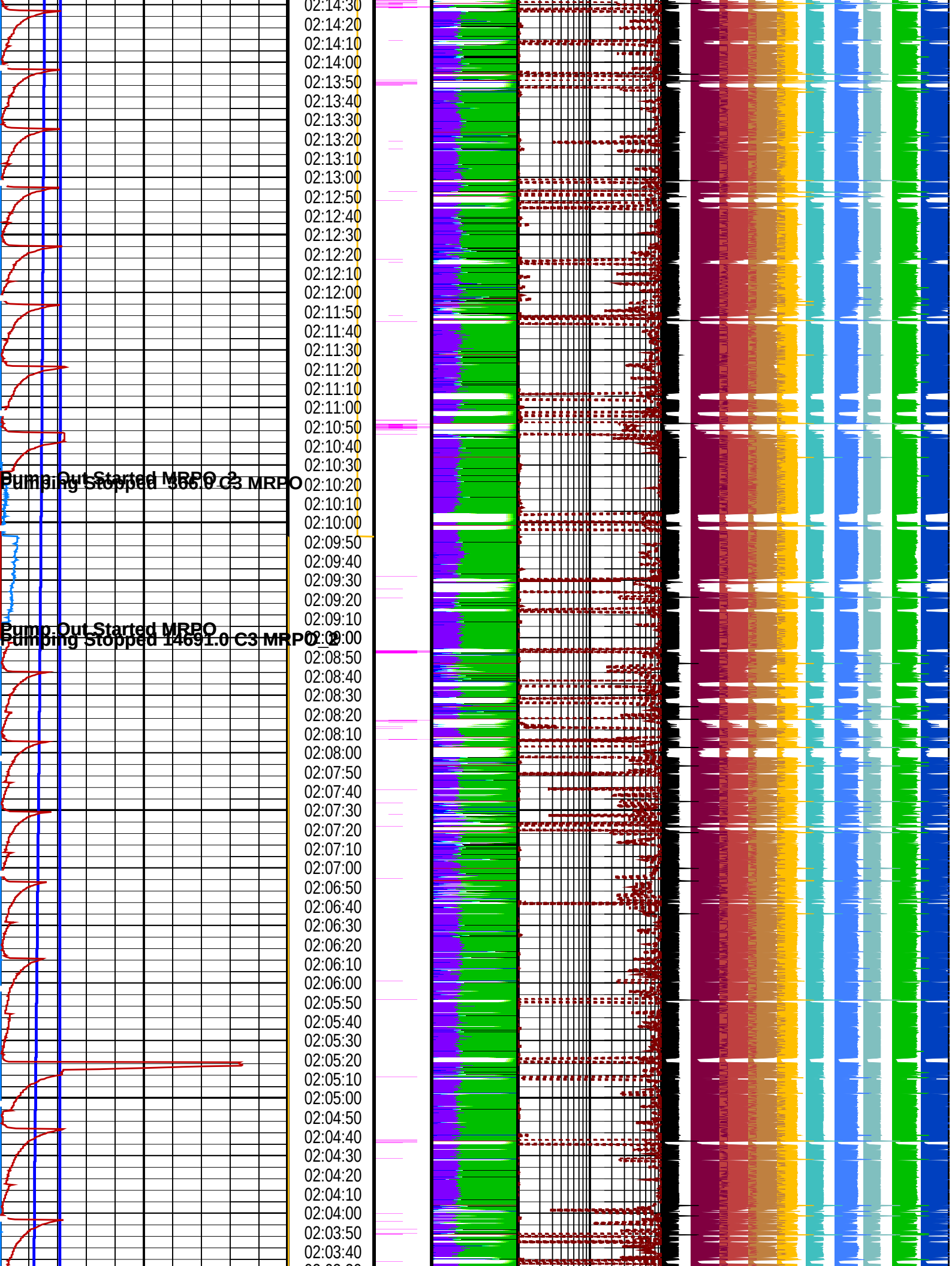
MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 5000

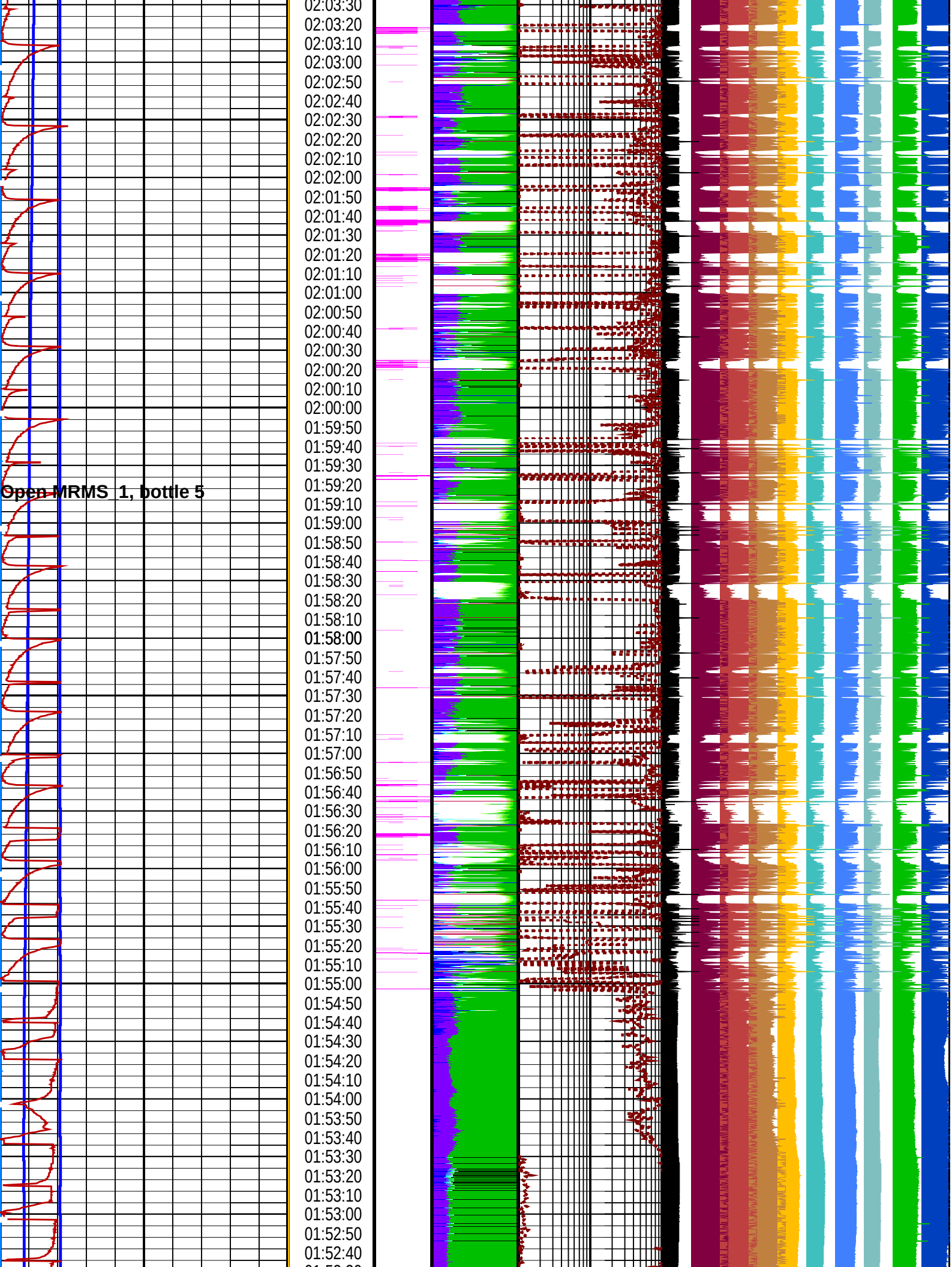


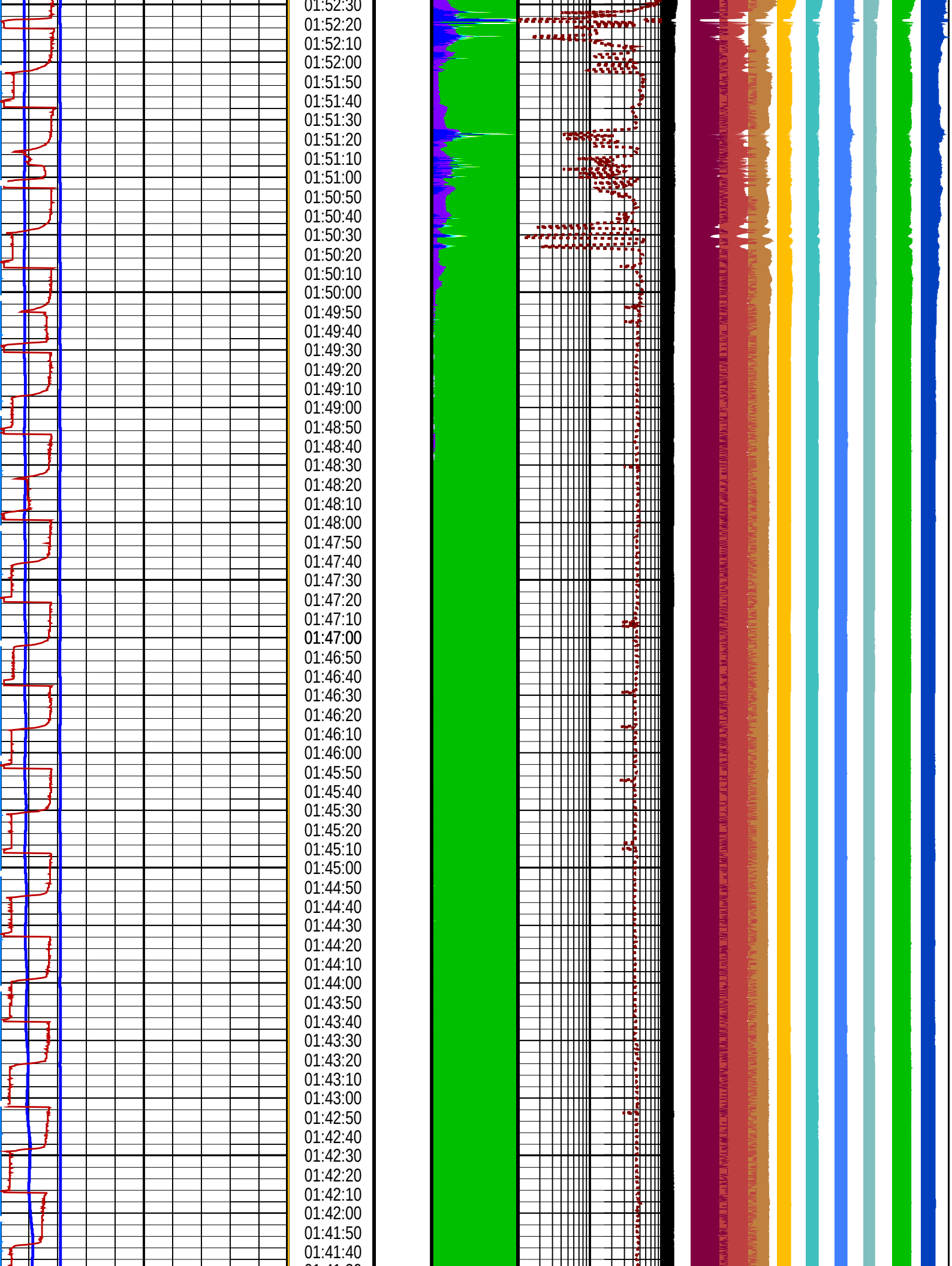

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000
High Gas
Oil
LFA Optical Density Channel 2 (FAOD_LFA[2])
−8 (−−−− 32
MRPO Hydraulic Pressure (POHP2)
0 (PSIG) 5000
MRPO Solenoid 3 Status (POS3)
5 (−−−− 0
Medium Gas
Water
LFA Fluid Coloration (FCOL_LFA)
(−−−−
0.000001 0.0001
LFA Optical Density Channel 1 (FAOD_LFA[1])
−4 (−−−− 36
MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000
Elapsed Time (ETIM) (S)
Low Gas
Highly Absorbing Fluid
LFA Fluid Coloration (FCOL_LFA)
0.0001 (−−−− 0.01
LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (−−−− 40
02:45:20
02:45:10
02:45:00
02:44:50
02:44:40
02:44:30
02:44:20
02:44:10
02:44:00
02:43:50
02:43:40
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02:43:20
02:43:10
02:43:00
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02:36:40

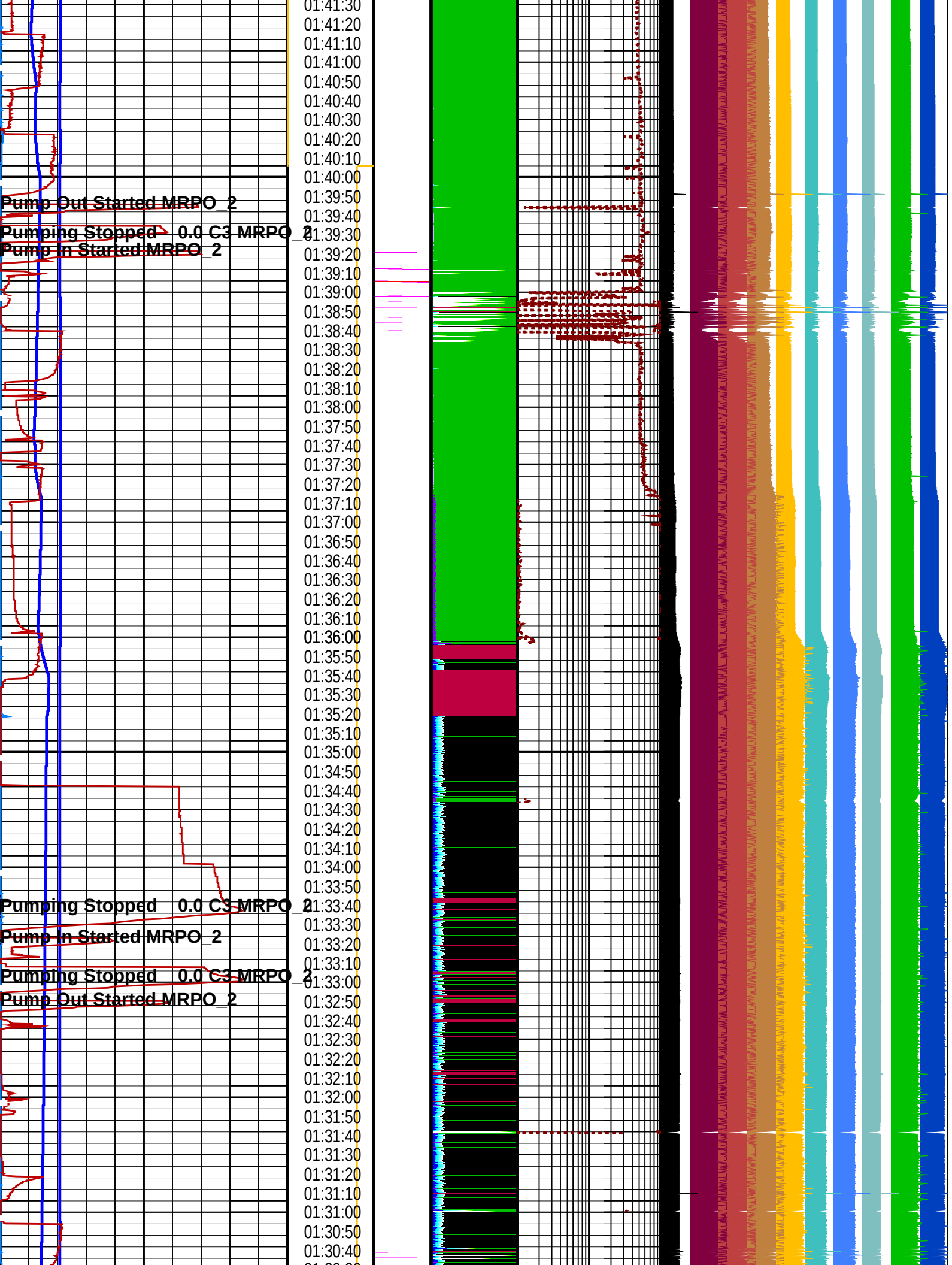

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02:25:40

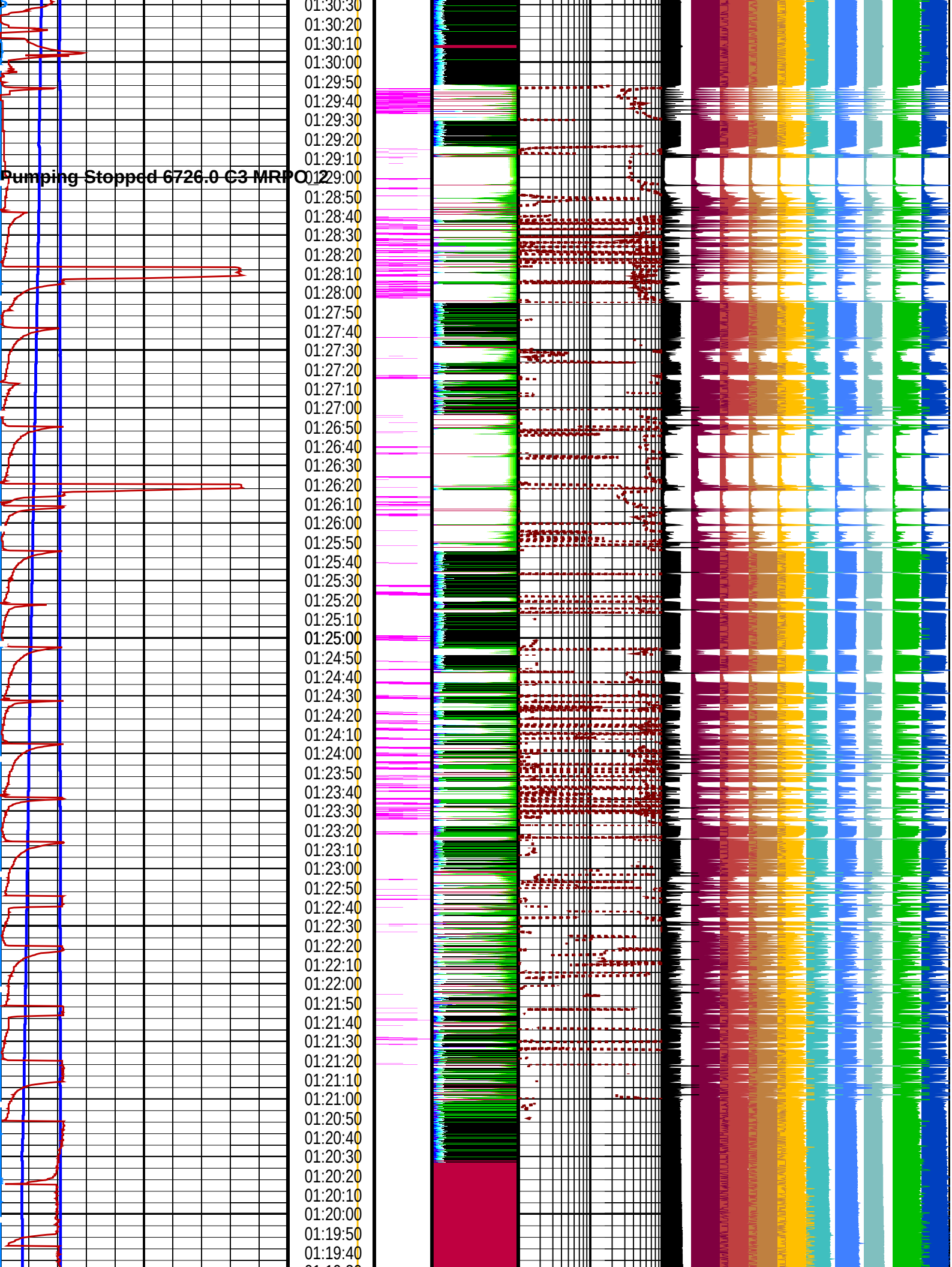

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02:24:20
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02:16:00
02:15:50
02:15:40
02:15:30
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02:15:00
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02:14:40
Pumping Stopped 3540.0 C3 MRPO 2
Seal MRMS_1, bottle 5

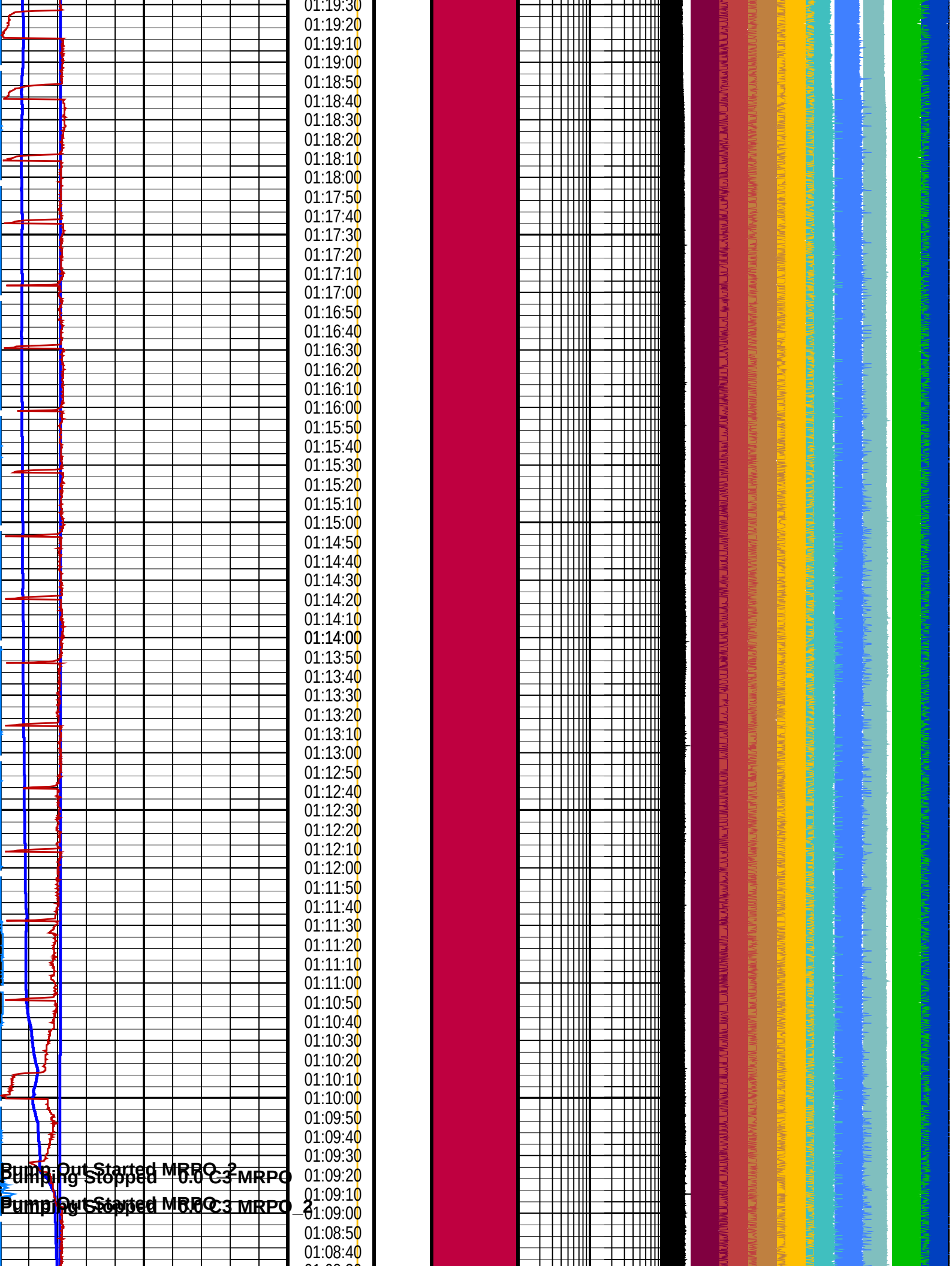

Pump Out Started MRPO_2
Pumping Stopped 366.0 C3 MRPO
Pump Out Started MRPO
Pumping Stopped 14691.0 C3 MRPO_2
02:14:30
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02:14:10
02:14:00
02:13:50
02:13:40
02:13:30
02:13:20
02:13:10
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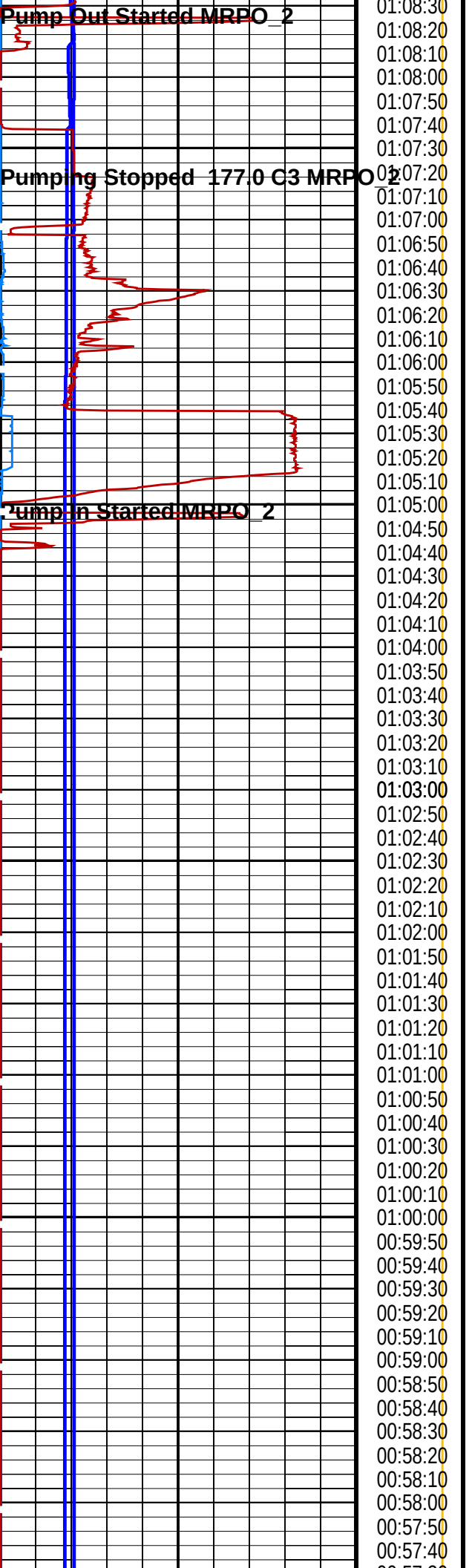

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02:01:00
02:00:50
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01:59:50
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01:54:10
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01:53:50
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01:53:00
01:52:50
01:52:40
Open MRMS_1, bottle 5

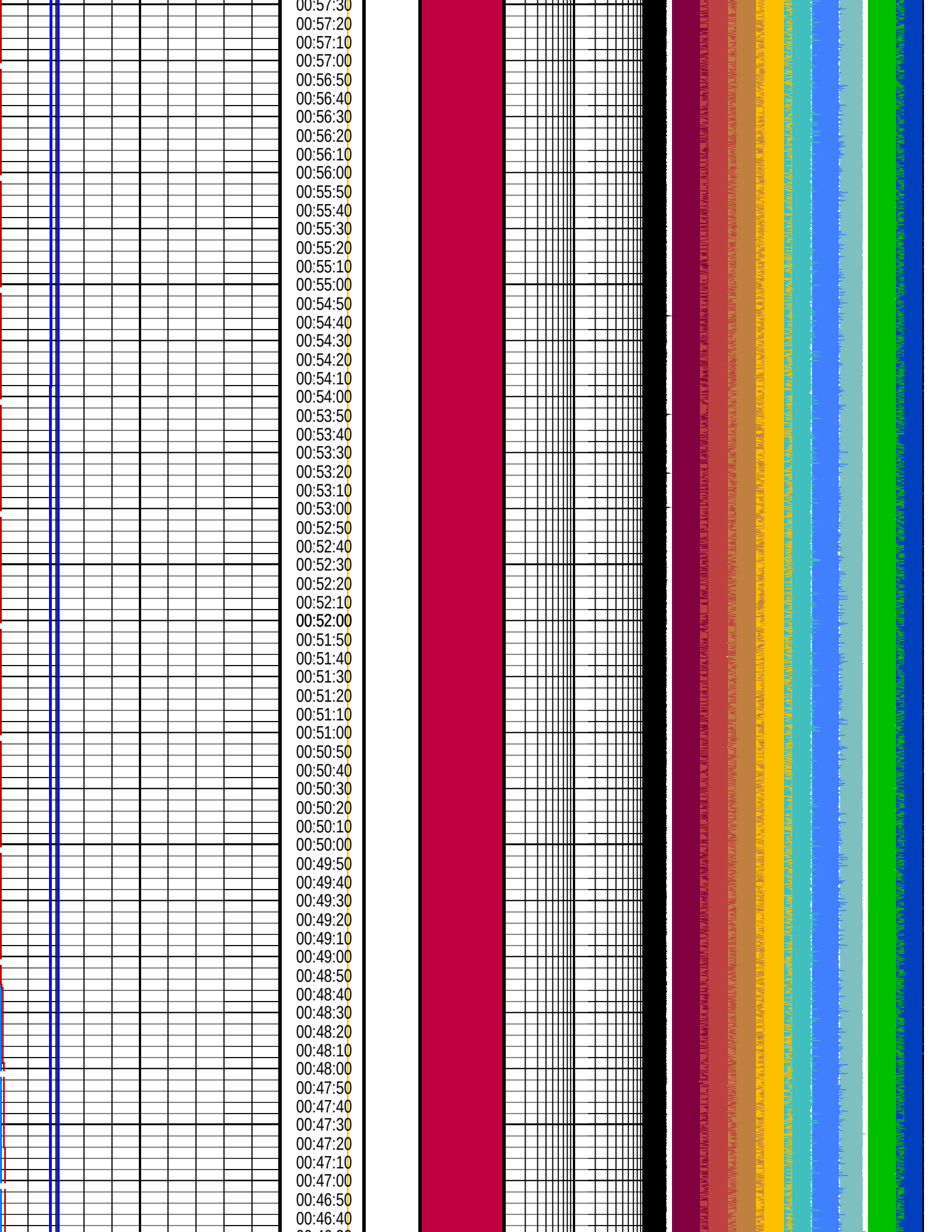

01:52:30
01:52:20
01:52:10
01:52:00
01:51:50
01:51:40
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01:51:20
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01:43:10
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01:41:40

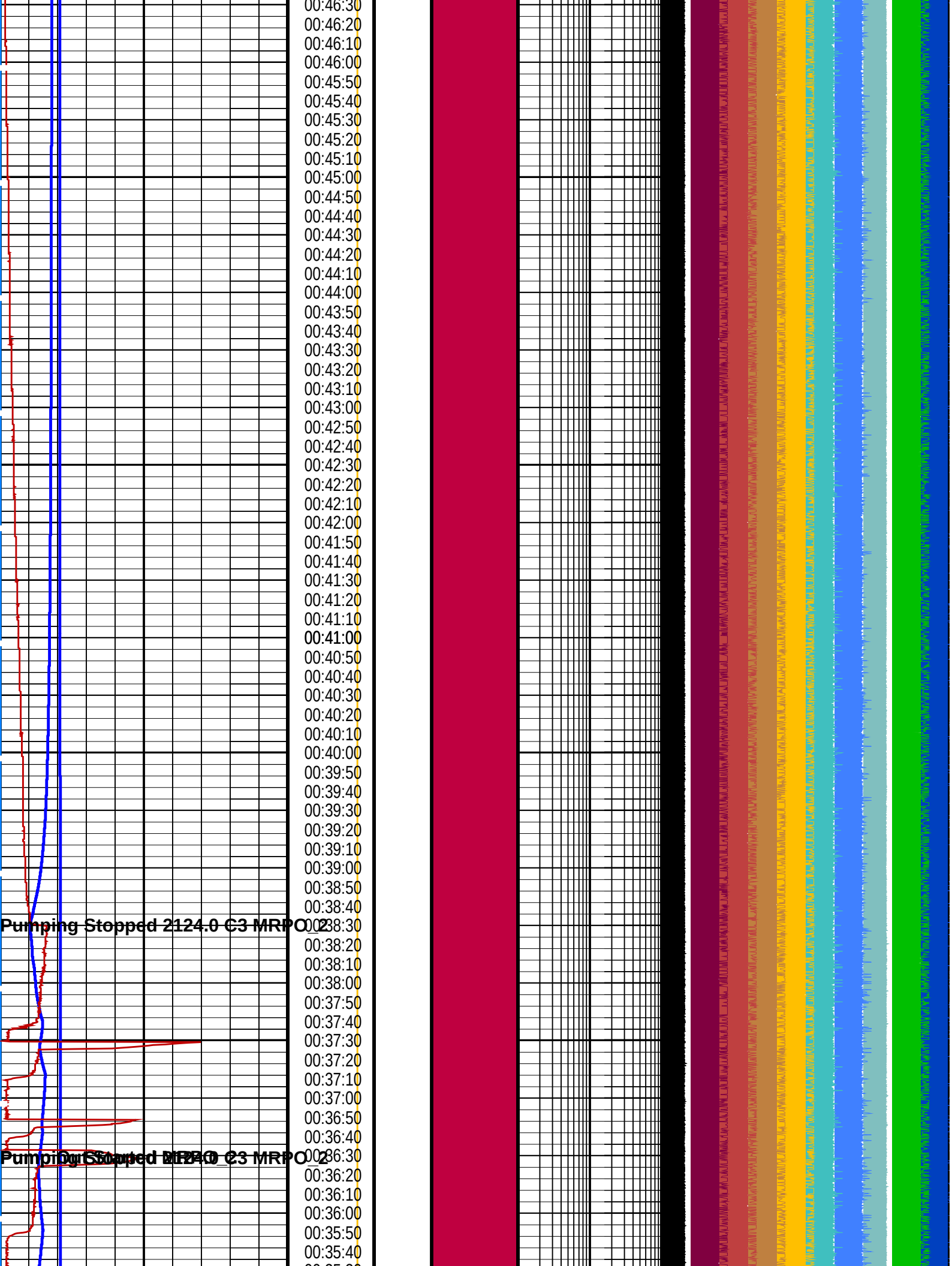

Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump Out Started MRPO_2
01:41:30
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01:41:00
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01:40:30
01:40:20
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01:30:40

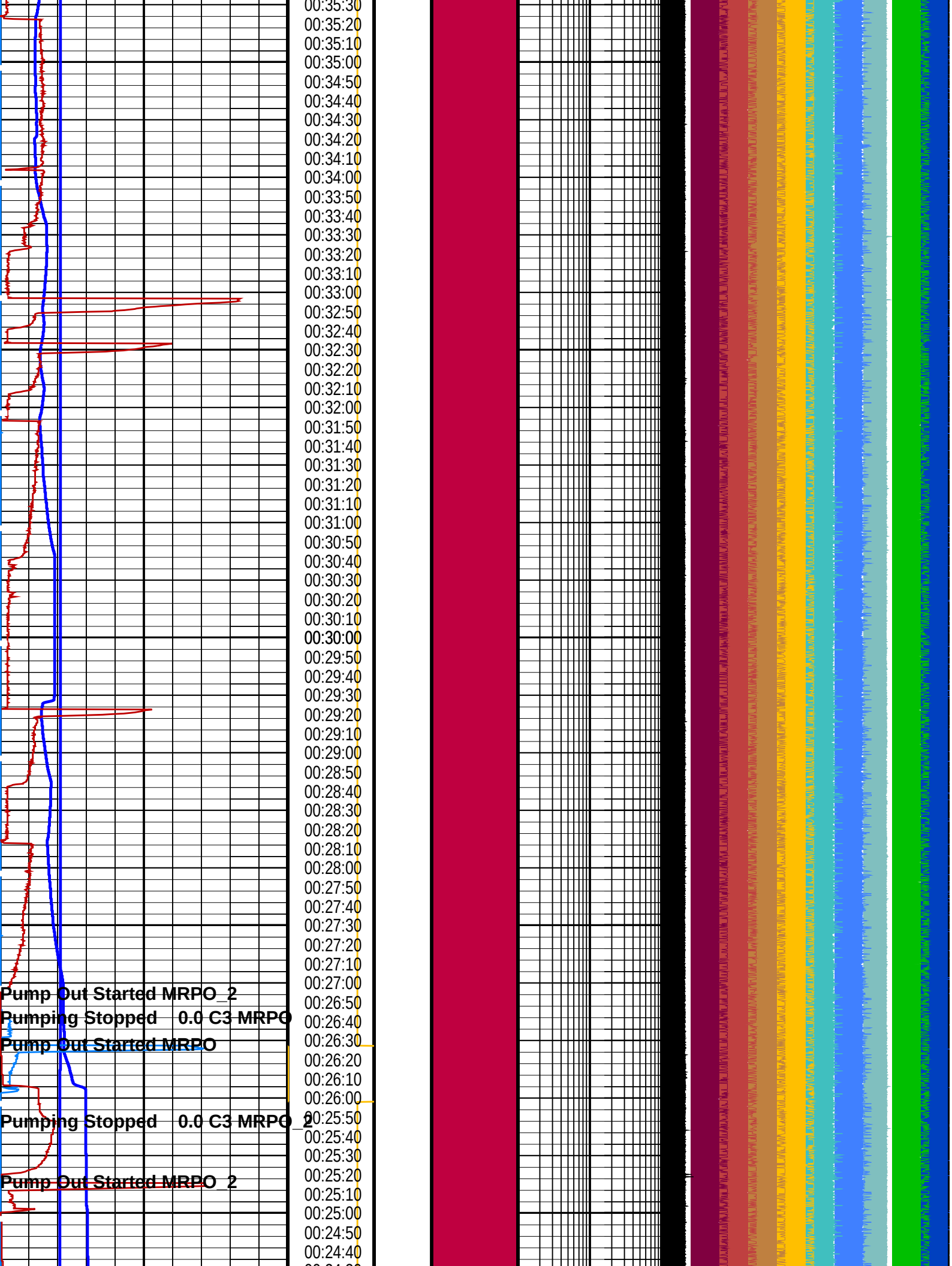

Pumping Stopped 6726.0 C3 MRPO 2
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01:19:40

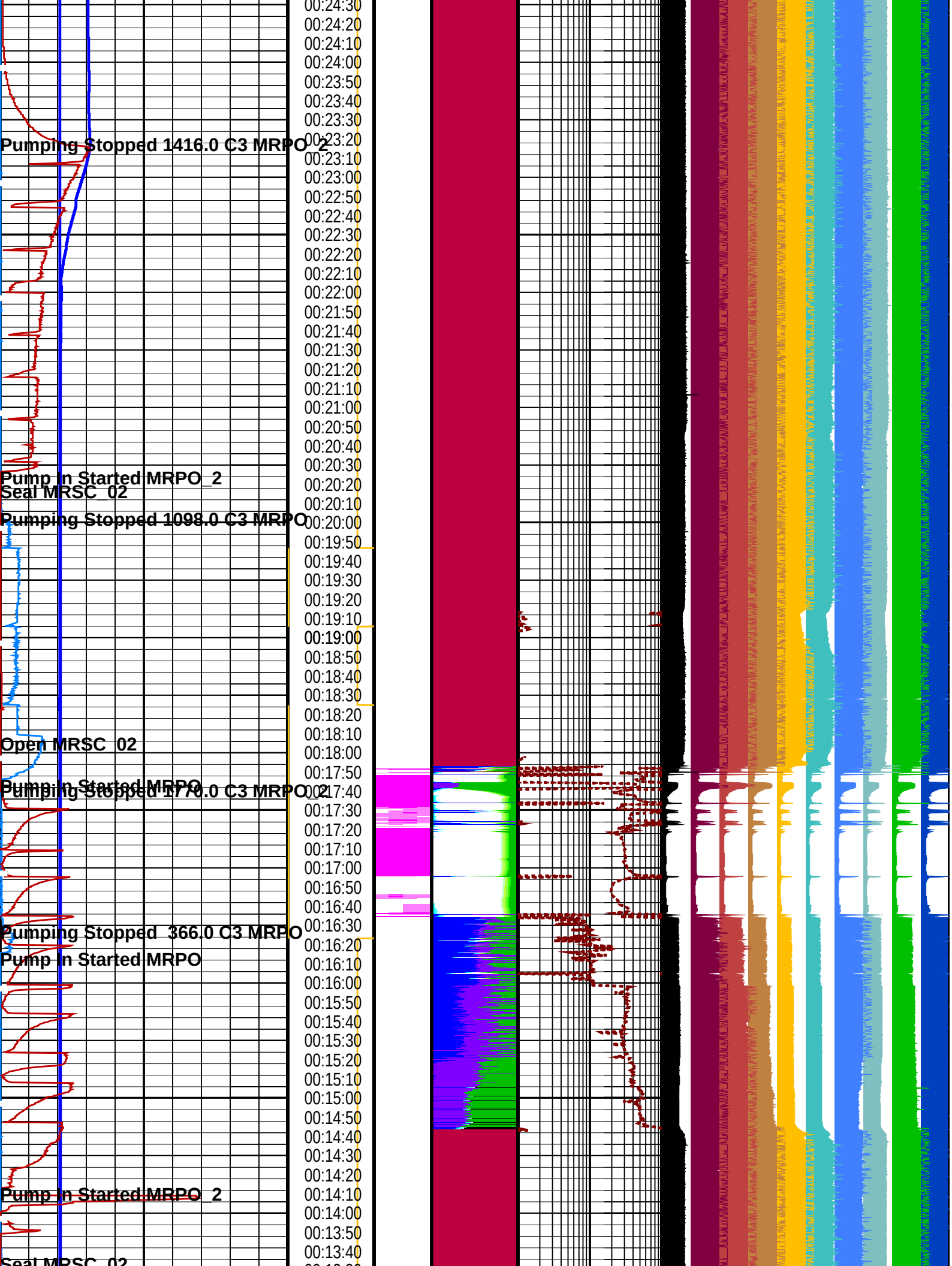

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Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2

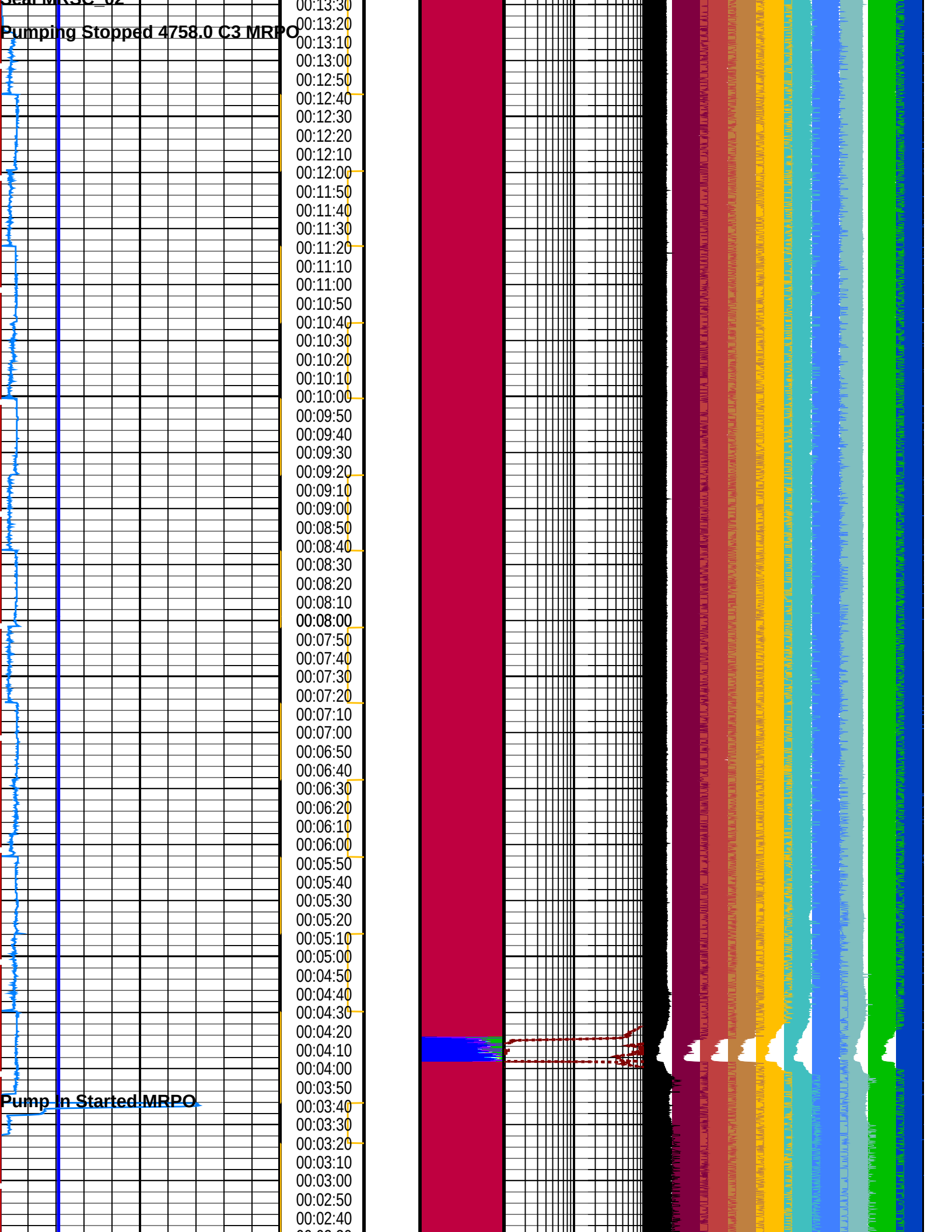

Pump Out Started MRPO_2
Pumping Stopped 177.0 C3 MRPO_2
Pump In Started MRPO_2

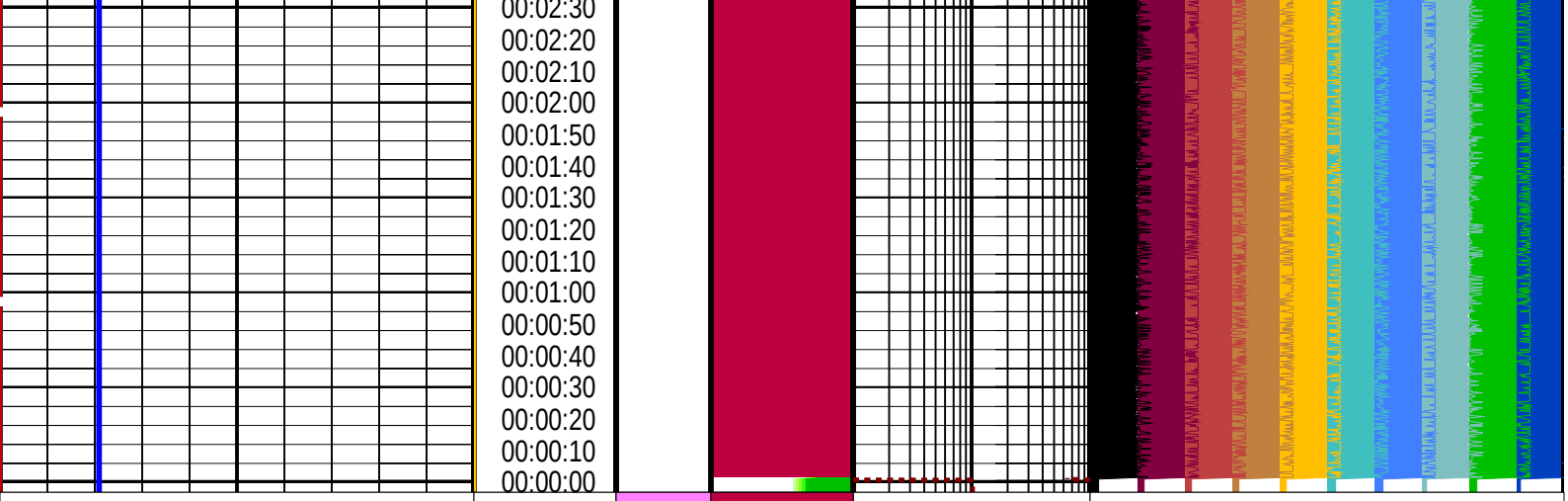

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Pumping Stopped 2124.0 C3 MRPO 2
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00:25:10
00:25:00
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00:24:40
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO
Pump Out Started MRPO
Pumping Stopped 0.0 C3 MRPO_2
Pump Out Started MRPO_2


Pumping Stopped 1416.0 C3 MRPO_2
Pump In Started MRPO_2
Seal MRSC_02
Pumping Stopped 1098.0 C3 MRPO
Open MRSC_02
Pump In Started MRPO
Pumping Stopped 1770.0 C3 MRPO_2
Pumping Stopped 366.0 C3 MRPO
Pump In Started MRPO
Pump In Started MRPO_2
Seal MRSC_02
00:24:30
00:24:20
00:24:10
00:24:00
00:23:50
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Seal MRSC_02
Pumping Stopped 4758.0 C3 MRPO
Pump In Started MRPO
00:13:30
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00:03:50
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00:03:30
00:03:20
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00:03:00
00:02:50
00:02:40



MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	Elapsed Time (ETIM) (S)	Low Gas	Highly Absorbing Fluid	LFA Fluid Coloration (FCOL_LFA) 0.0001 (---- 0.01	LFA Optical Density Channel 0 (FAOD_LFA[0]) 0 (---- 40
MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Solenoid 3 Status (POS3) 5 (---- 0	Medium Gas	Water	LFA Fluid Coloration (FCOL_LFA) (---- 0.000001 0.0001	LFA Optical Density Channel 1 (FAOD_LFA[1]) −4 (---- 36
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 5000		High Gas	Oil		LFA Optical Density Channel 2 (FAOD_LFA[2]) −8 (---- 32
MRPA Quartz Gauge Pressure (PAQP) 0 (PSIA) 5000					LFA Optical Density Channel 3 (FAOD_LFA[3]) −12 (---- 28
MRPS 1 Flowline Fluid Resistivity (BFR1) 0 (OHMM) 2					LFA Optical Density Channel 4 (FAOD_LFA[4]) −16 (---- 24
					LFA Optical Density Channel 5 (FAOD_LFA[5]) −20 (---- 20
					LFA Optical Density Channel 6 (FAOD_LFA[6]) −24 (---- 16
					LFA Optical Density Channel 7 (FAOD_LFA[7]) −28 (---- 12
					LFA Optical Density Channel 8 (FAOD_LFA[8]) −32 (---- 8
					LFA Optical Density Channel 9 (FAOD_LFA[9]) −36 (---- 4

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	

QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
LFA: Live Fluid Analyzer			
CEXP_LFA	LFA Coloration Exponent	4.6	
DCDW_LFA	LFA Decolor and Dewater Allow/Disallow for Gas Oil Ratio	ALLOW	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
ODTMP_LFA	LFA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
CGA: Condensate & Gas Analyzer			
PDCO	Probe Depth Correction Offset	0	FT
MRPC: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	FT

Format: LFA Vertical Scale: 1" per 60S Graphics File Created: 17−Feb−2007 18:47

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_099LTP	FN:110	PRODUCER	17−Feb−2007 18:46		

Output DLIS Files

DEFAULT	MDT_OFA_099LTP	FN:110	PRODUCER	17−Feb−2007 18:46	2025.2 FT	82.7 FT

Elapsed Time (s)	Event Summary
8163.0	Pumping Stopped 3540.0 C3 Dual Pumpout Module (MRPO) 2
8118.3	Seal MDT Multi−Sample (MRMS) 1, bottle 5
7826.7	Pump Out Started Dual Pumpout Module (MRPO) 2
7824.3	Pumping Stopped 366.0 C3 Dual Pumpout Module (MRPO)
7748.1	Pump Out Started Dual Pumpout Module (MRPO)
7742.7	Pumping Stopped 14691.0 C3 Dual Pumpout Module (MRPO) 2
7159.8	Open MDT Multi−Sample (MRMS) 1, bottle 5, sample number = 5
5990.1	Pump Out Started Dual Pumpout Module (MRPO) 2
5974.8	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
5965.8	Pump In Started Dual Pumpout Module (MRPO) 2
5623.8	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
5607.3	Pump In Started Dual Pumpout Module (MRPO) 2
5587.2	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
5574.6	Pump Out Started Dual Pumpout Module (MRPO) 2
5343.9	Pumping Stopped 6726.0 C3 Dual Pumpout Module (MRPO) 2
4166.4	Pump Out Started Dual Pumpout Module (MRPO) 2
4162.5	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
4148.7	Pump Out Started Dual Pumpout Module (MRPO)

4147.2	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
4109.4	Pump Out Started Dual Pumpout Module (MRPO) 2
4041.6	Pumping Stopped 177.0 C3 Dual Pumpout Module (MRPO) 2
3900.9	Pump In Started Dual Pumpout Module (MRPO) 2
2313.6	Pumping Stopped 2124.0 C3 Dual Pumpout Module (MRPO) 2
2192.7	Pump Out Started Dual Pumpout Module (MRPO) 2
2192.4	Pumping Stopped 2124.0 C3 Dual Pumpout Module (MRPO) 2
1617.9	Pump Out Started Dual Pumpout Module (MRPO) 2
1605.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1591.5	Pump Out Started Dual Pumpout Module (MRPO)
1551.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1519.8	Pump Out Started Dual Pumpout Module (MRPO) 2
1400.4	Pumping Stopped 1416.0 C3 Dual Pumpout Module (MRPO) 2
1226.7	Pump In Started Dual Pumpout Module (MRPO) 2
1219.5	Seal Sample Chamber Module 2 (1 Gallon, H2S)
1205.1	Pumping Stopped 1098.0 C3 Dual Pumpout Module (MRPO)
1088.1	Open Sample Chamber Module 2 (1 Gallon, H2S), sample number = 2
1066.2	Pump In Started Dual Pumpout Module (MRPO)
1063.8	Pumping Stopped 1770.0 C3 Dual Pumpout Module (MRPO) 2
990.0	Pumping Stopped 366.0 C3 Dual Pumpout Module (MRPO)
975.9	Pump In Started Dual Pumpout Module (MRPO)
853.5	Pump In Started Dual Pumpout Module (MRPO) 2
816.9	Seal Sample Chamber Module 2 (1 Gallon, H2S)
798.9	Pumping Stopped 4758.0 C3 Dual Pumpout Module (MRPO)
226.2	Pump In Started Dual Pumpout Module (MRPO)

PIP SUMMARY

Time Mark Every 60 S

MRPA Quartz Pressure (PAQP) 0 (PSIA) 2000

MRPA Auto deflate status (PAAD) 0 (---- 5

MRPO Solenoid 3 Status (POS3) 5 (---- 0

MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000

MRPO Pump Volume (POPV) 0 (C3) 10000

MRPC 50 V Supply (50V) 30 (V) 100

MRPA SG Pressure (PASG) 0 (PSIA) 2000

MRPA Interval Valve Position (PAVP) −5 (---- 250

MRPA Inflate Valve Position (PAFP) −5 (---- 250

MRPA Quartz Temperature (PAQT) (DEGF)

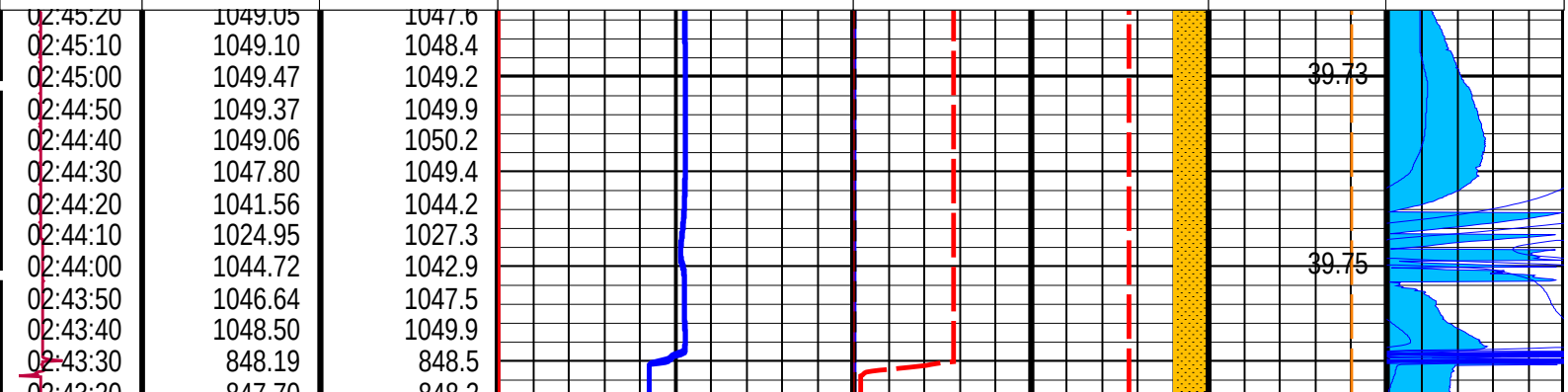
MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10

Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)
02:45:20	1049.05	1047.6
02:45:10	1049.10	1048.4
02:45:00	1049.47	1049.2
02:44:50	1049.37	1049.9
02:44:40	1049.06	1050.2
02:44:30	1047.80	1049.4
02:44:20	1041.56	1044.2
02:44:10	1024.95	1027.3
02:44:00	1044.72	1042.9
02:43:50	1046.64	1047.5
02:43:40	1048.50	1049.9
02:43:30	848.19	848.5
02:43:20	847.70	848.2

MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000

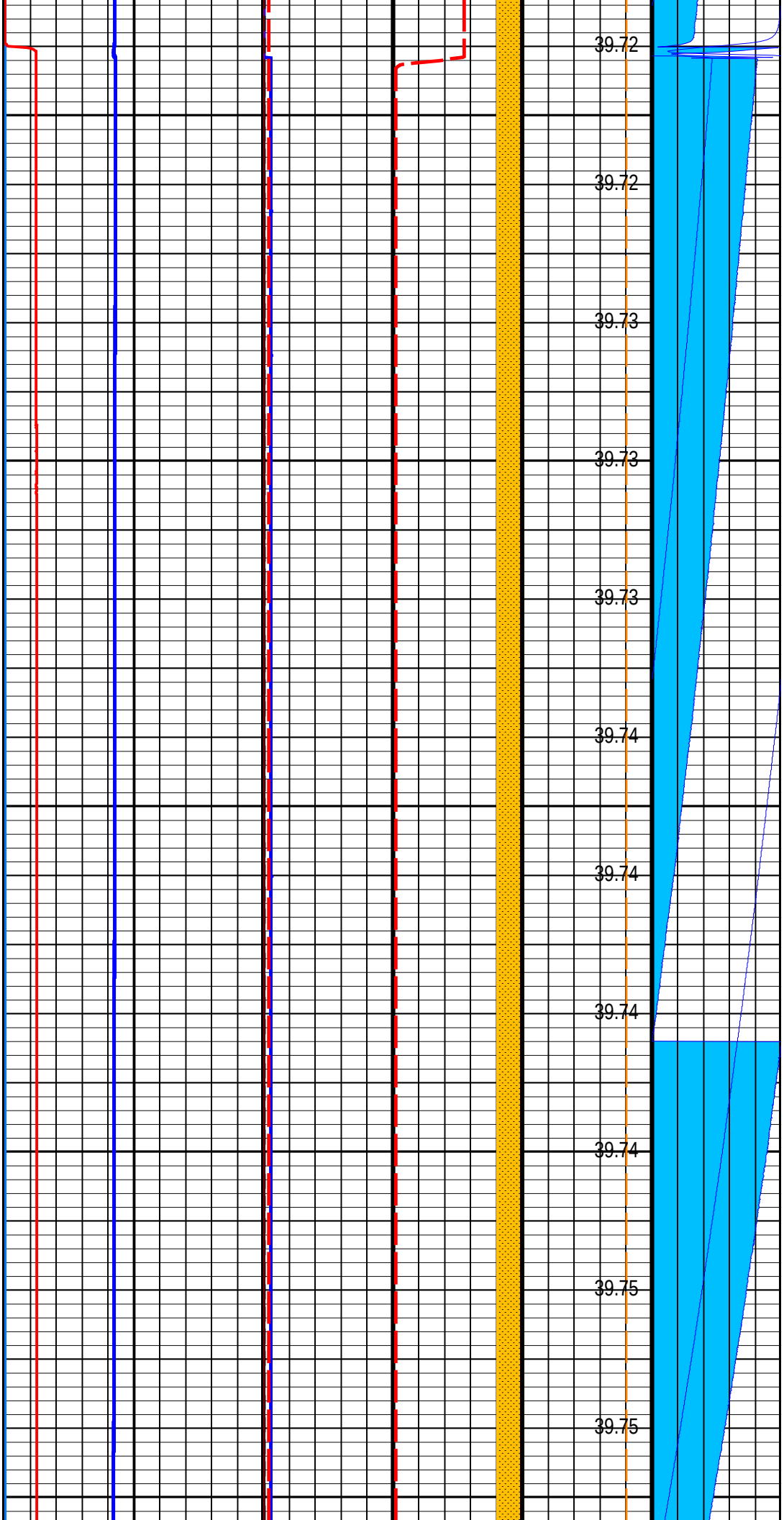
MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000

MRPA Quartz Temperature (PAQT) (DEGF) 100 150

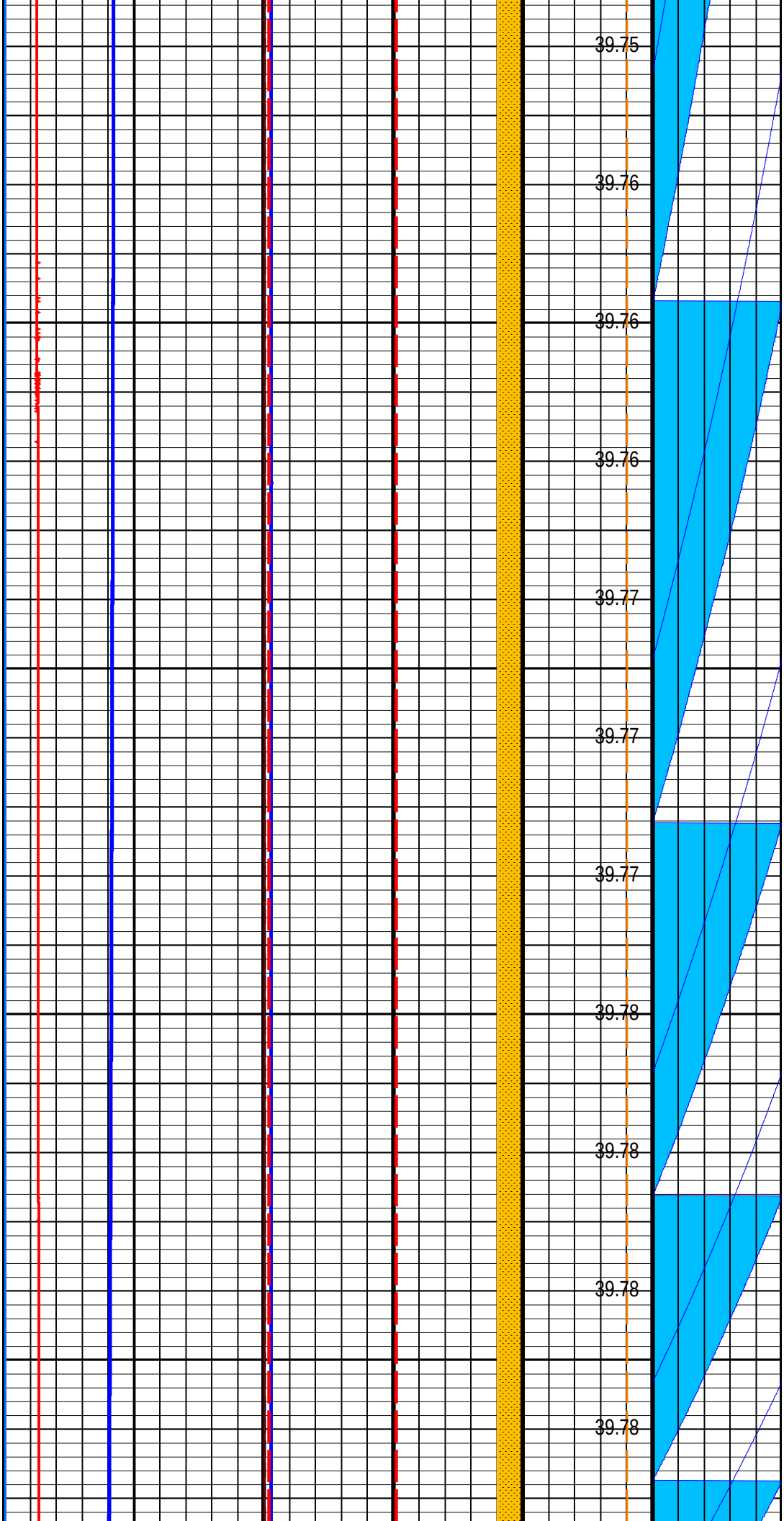


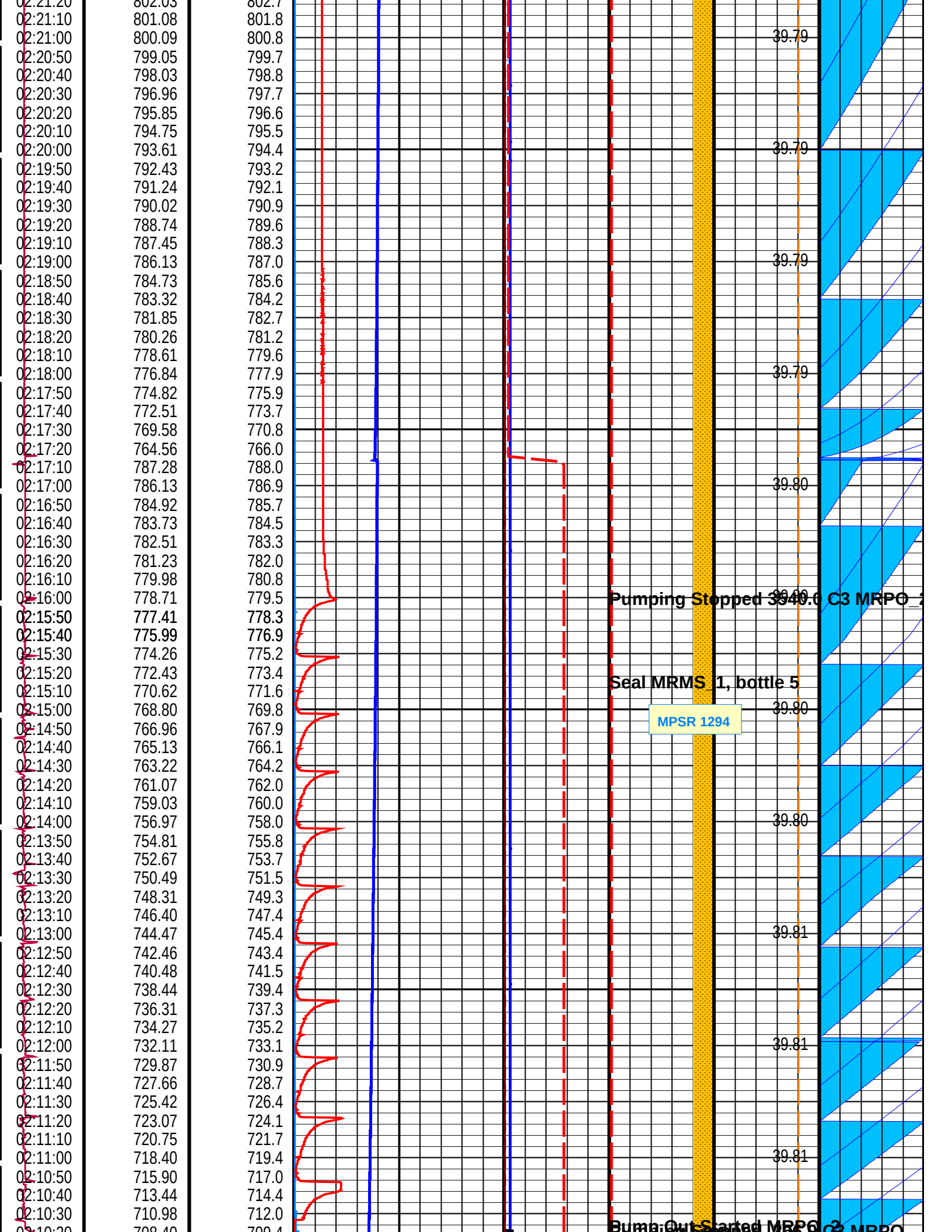
MRPA SG One's (PSGU) 0 (---- 10

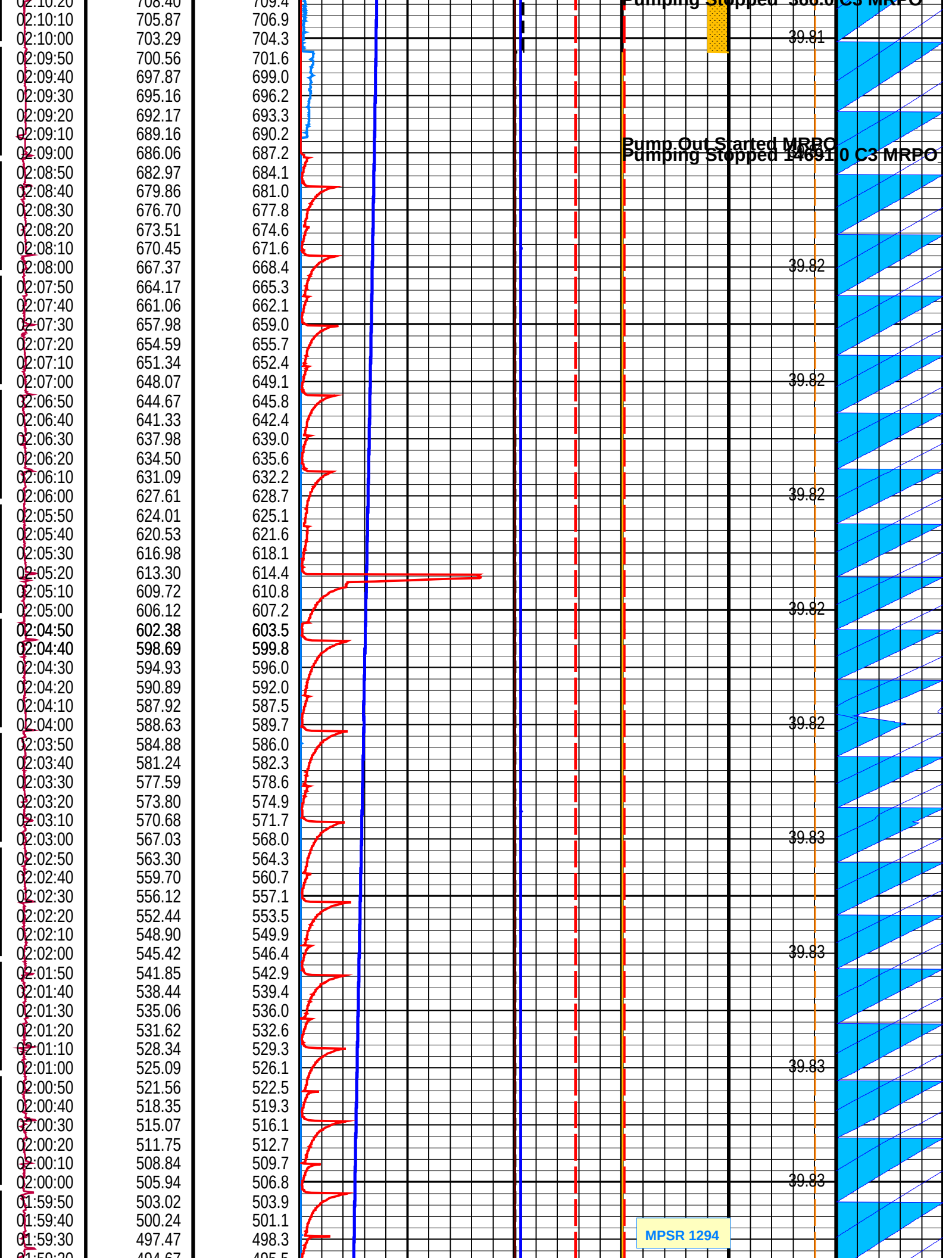
02:43:20	847.70	848.2
02:43:10	847.38	848.0
02:43:00	842.23	836.1
02:42:50	852.24	852.6
02:42:40	852.10	852.5
02:42:30	851.95	852.3
02:42:20	851.79	852.2
02:42:10	851.63	852.0
02:42:00	851.47	851.9
02:41:50	851.31	851.7
02:41:40	851.15	851.5
02:41:30	850.99	851.3
02:41:20	850.82	851.2
02:41:10	850.65	851.0
02:41:00	850.48	850.8
02:40:50	850.31	850.7
02:40:40	850.15	850.5
02:40:30	849.97	850.3
02:40:20	849.79	850.1
02:40:10	849.63	850.0
02:40:00	849.46	849.8
02:39:50	849.27	849.6
02:39:40	849.09	849.5
02:39:30	848.90	849.3
02:39:20	848.71	849.1
02:39:10	848.53	848.9
02:39:00	848.34	848.7
02:38:50	848.15	848.5
02:38:40	847.95	848.3
02:38:30	847.77	848.1
02:38:20	847.56	848.0
02:38:10	847.36	847.8
02:38:00	847.15	847.5
02:37:50	846.95	847.3
02:37:40	846.75	847.1
02:37:30	846.53	846.9
02:37:20	846.31	846.7
02:37:10	846.12	846.5
02:37:00	845.89	846.2
02:36:50	845.66	846.0
02:36:40	845.45	845.8
02:36:30	845.23	845.6
02:36:20	845.00	845.4
02:36:10	844.76	845.1
02:36:00	844.53	844.9
02:35:50	844.29	844.7
02:35:40	844.06	844.4
02:35:30	843.82	844.2
02:35:20	843.57	844.0
02:35:10	843.33	843.7
02:35:00	843.08	843.5
02:34:50	842.83	843.2
02:34:40	842.56	842.9
02:34:30	842.30	842.7
02:34:20	842.04	842.4
02:34:10	841.78	842.1
02:34:00	841.50	841.9
02:33:50	841.23	841.6
02:33:40	840.96	841.3
02:33:30	840.69	841.0
02:33:20	840.40	840.8
02:33:10	840.10	840.5
02:33:00	839.83	840.2
02:32:50	839.53	839.9
02:32:40	839.23	839.6
02:32:30	838.93	839.3
02:32:20	838.61	838.9



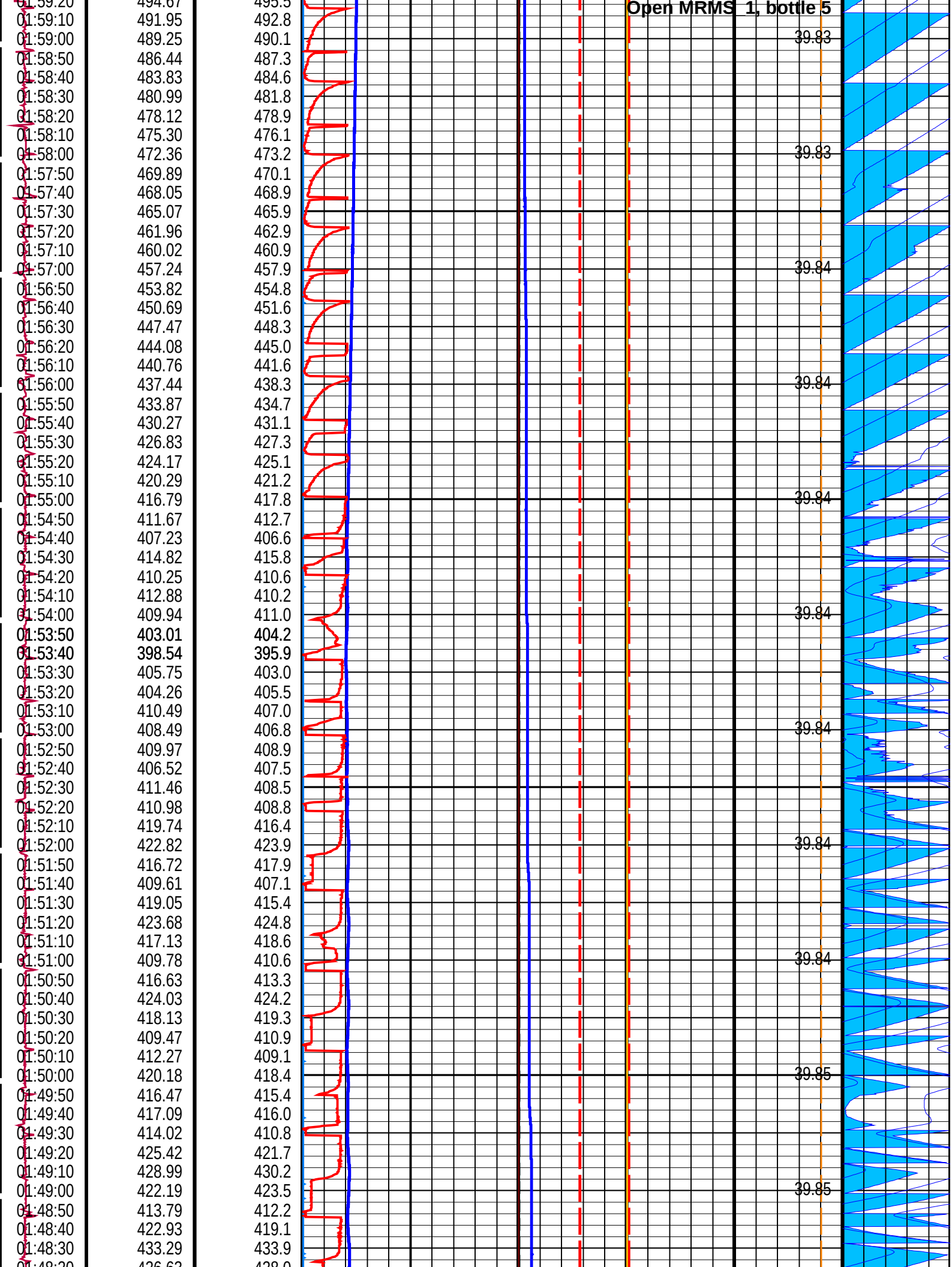
02:32:20	838.61	838.9
02:32:10	838.31	838.6
02:32:00	838.00	838.3
02:31:50	837.67	838.1
02:31:40	837.34	837.7
02:31:30	837.03	837.4
02:31:20	836.68	837.1
02:31:10	836.35	836.7
02:31:00	836.01	836.4
02:30:50	835.65	836.0
02:30:40	835.30	835.7
02:30:30	834.94	835.3
02:30:20	834.57	834.9
02:30:10	834.20	834.6
02:30:00	833.84	834.3
02:29:50	833.44	833.8
02:29:40	833.06	833.5
02:29:30	832.67	833.1
02:29:20	832.26	832.6
02:29:10	831.86	832.3
02:29:00	831.46	831.9
02:28:50	831.02	831.4
02:28:40	830.60	831.0
02:28:30	830.17	830.6
02:28:20	829.72	830.2
02:28:10	829.28	829.7
02:28:00	828.83	829.2
02:27:50	828.36	828.8
02:27:40	827.89	828.3
02:27:30	827.43	827.8
02:27:20	826.93	827.4
02:27:10	826.45	826.9
02:27:00	825.95	826.4
02:26:50	825.43	825.9
02:26:40	824.91	825.4
02:26:30	824.40	824.9
02:26:20	823.84	824.3
02:26:10	823.30	823.8
02:26:00	822.74	823.2
02:25:50	822.17	822.7
02:25:40	821.60	822.1
02:25:30	821.02	821.5
02:25:20	820.40	820.9
02:25:10	819.81	820.3
02:25:00	819.19	819.7
02:24:50	818.56	819.1
02:24:40	817.93	818.5
02:24:30	817.28	817.8
02:24:20	816.60	817.1
02:24:10	815.93	816.5
02:24:00	815.24	815.8
02:23:50	814.52	815.1
02:23:40	813.80	814.4
02:23:30	813.08	813.7
02:23:20	812.32	812.9
02:23:10	811.55	812.2
02:23:00	810.78	811.4
02:22:50	809.97	810.6
02:22:40	809.18	809.8
02:22:30	808.35	809.0
02:22:20	807.49	808.1
02:22:10	806.63	807.3
02:22:00	805.76	806.4
02:21:50	804.84	805.5
02:21:40	803.94	804.6
02:21:30	803.00	803.7
02:21:20	802.03	802.7



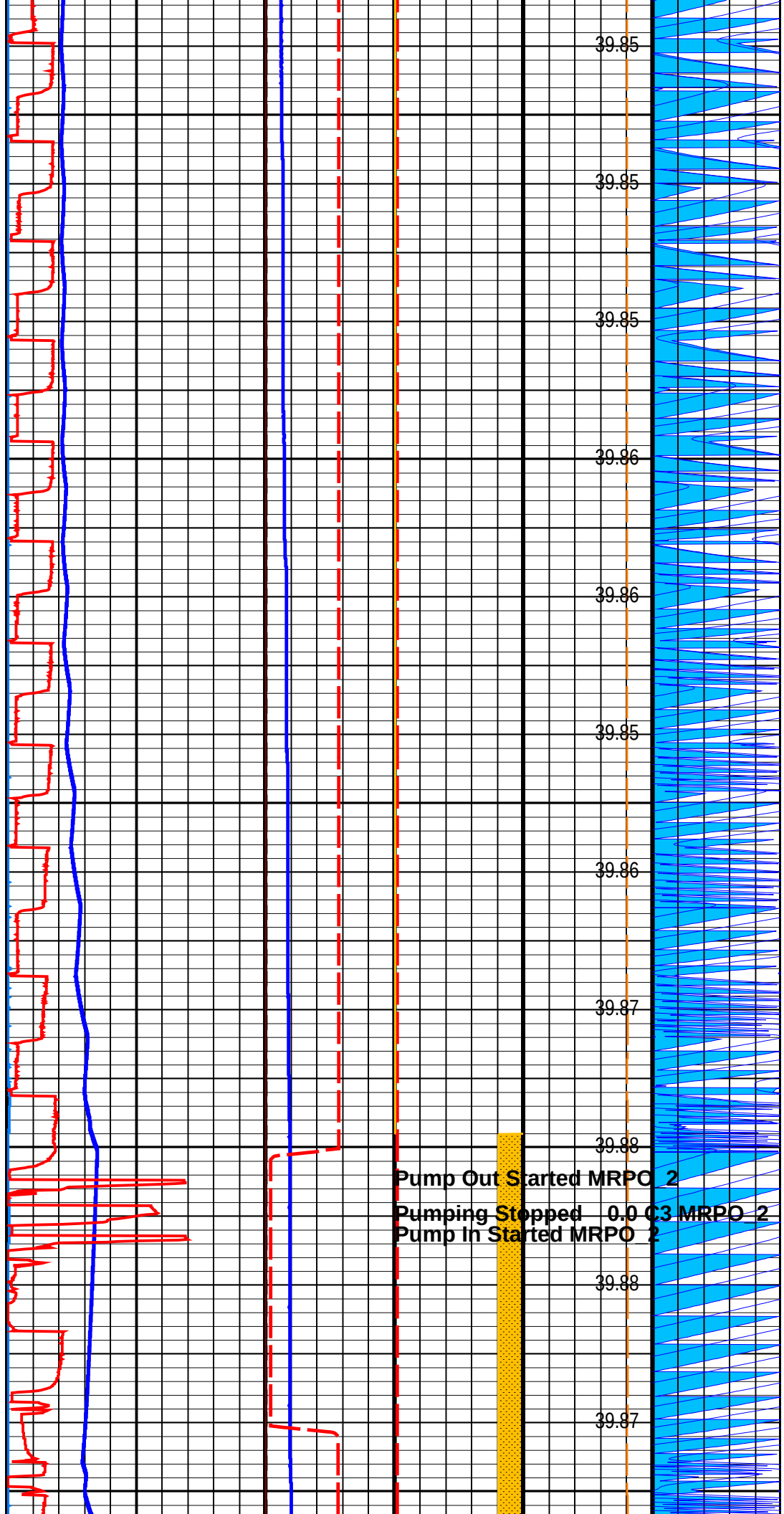

Pumping Stopped 3940.0 C3 MRPO_2
Seal MRMS_1, bottle 5
MPSR 1294
Pump Out Started MRPO_2 MRPO

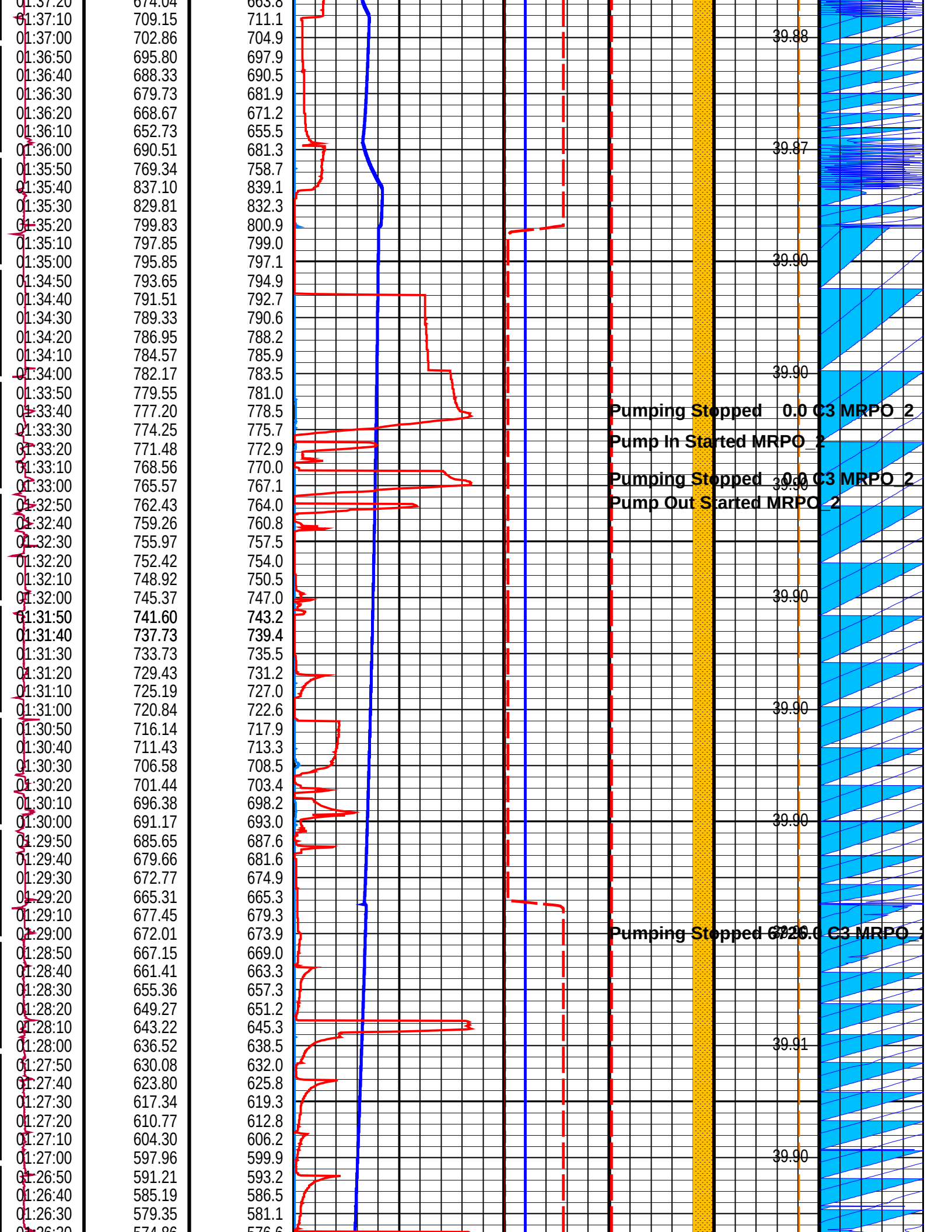


02:10:20	708.40	709.4
02:10:10	705.87	706.9
02:10:00	703.29	704.3
02:09:50	700.56	701.6
02:09:40	697.87	699.0
02:09:30	695.16	696.2
02:09:20	692.17	693.3
02:09:10	689.16	690.2
02:09:00	686.06	687.2
02:08:50	682.97	684.1
02:08:40	679.86	681.0
02:08:30	676.70	677.8
02:08:20	673.51	674.6
02:08:10	670.45	671.6
02:08:00	667.37	668.4
02:07:50	664.17	665.3
02:07:40	661.06	662.1
02:07:30	657.98	659.0
02:07:20	654.59	655.7
02:07:10	651.34	652.4
02:07:00	648.07	649.1
02:06:50	644.67	645.8
02:06:40	641.33	642.4
02:06:30	637.98	639.0
02:06:20	634.50	635.6
02:06:10	631.09	632.2
02:06:00	627.61	628.7
02:05:50	624.01	625.1
02:05:40	620.53	621.6
02:05:30	616.98	618.1
02:05:20	613.30	614.4
02:05:10	609.72	610.8
02:05:00	606.12	607.2
02:04:50	602.38	603.5
02:04:40	598.69	599.8
02:04:30	594.93	596.0
02:04:20	590.89	592.0
02:04:10	587.92	587.5
02:04:00	588.63	589.7
02:03:50	584.88	586.0
02:03:40	581.24	582.3
02:03:30	577.59	578.6
02:03:20	573.80	574.9
02:03:10	570.68	571.7
02:03:00	567.03	568.0
02:02:50	563.30	564.3
02:02:40	559.70	560.7
02:02:30	556.12	557.1
02:02:20	552.44	553.5
02:02:10	548.90	549.9
02:02:00	545.42	546.4
02:01:50	541.85	542.9
02:01:40	538.44	539.4
02:01:30	535.06	536.0
02:01:20	531.62	532.6
02:01:10	528.34	529.3
02:01:00	525.09	526.1
02:00:50	521.56	522.5
02:00:40	518.35	519.3
02:00:30	515.07	516.1
02:00:20	511.75	512.7
02:00:10	508.84	509.7
02:00:00	505.94	506.8
01:59:50	503.02	503.9
01:59:40	500.24	501.1
01:59:30	497.47	498.3
01:59:20	494.67	495.5

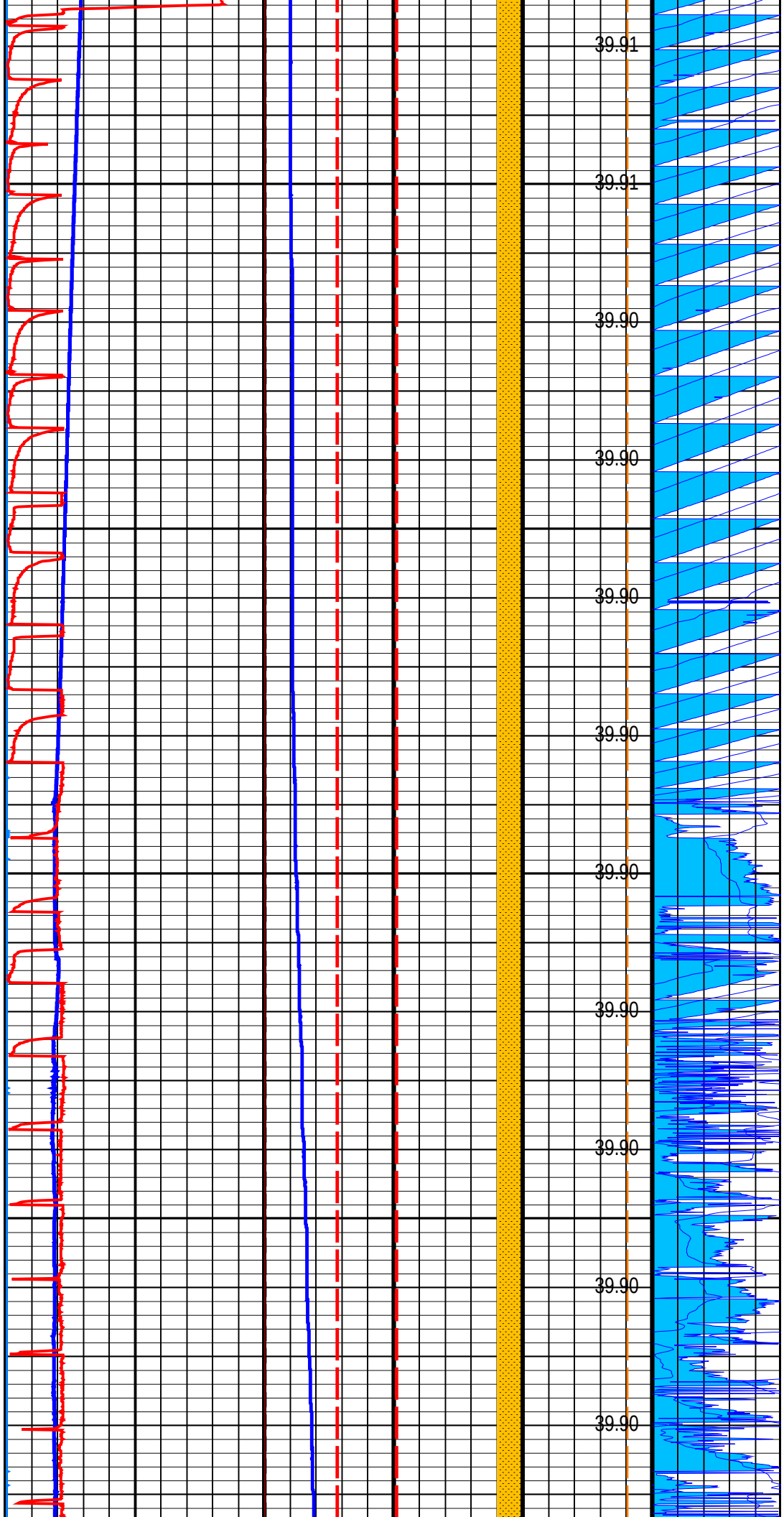

Open MRMS 1, bottle 5
39.83
39.83
39.84
39.84
39.84
39.84
39.84
39.84
39.85
39.85

01:48:10	417.47	419.1
01:48:00	418.63	415.1
01:47:50	431.59	427.3
01:47:40	430.87	432.2
01:47:30	422.66	424.2
01:47:20	417.61	414.2
01:47:10	428.78	424.7
01:47:00	436.05	437.4
01:46:50	428.14	429.7
01:46:40	416.99	418.3
01:46:30	425.51	421.5
01:46:20	440.70	438.3
01:46:10	434.07	435.5
01:46:00	423.52	425.6
01:45:50	424.20	420.5
01:45:40	438.73	434.1
01:45:30	441.64	443.2
01:45:20	431.79	433.6
01:45:10	423.54	419.8
01:45:00	435.58	431.3
01:44:50	450.85	452.5
01:44:40	441.82	443.6
01:44:30	428.03	430.3
01:44:20	436.10	431.9
01:44:10	458.39	453.0
01:44:00	455.30	457.2
01:43:50	443.21	445.6
01:43:40	441.28	436.8
01:43:30	464.91	459.3
01:43:20	478.80	480.6
01:43:10	468.16	470.2
01:43:00	454.81	455.5
01:42:50	480.44	474.6
01:42:40	515.67	509.9
01:42:30	508.85	511.0
01:42:20	495.65	498.1
01:42:10	502.28	497.1
01:42:00	528.49	522.9
01:41:50	562.64	557.7
01:41:40	554.77	557.0
01:41:30	543.29	545.6
01:41:20	528.60	529.8
01:41:10	552.00	546.5
01:41:00	585.42	578.9
01:40:50	617.24	619.4
01:40:40	606.49	608.7
01:40:30	596.37	595.7
01:40:20	620.65	613.9
01:40:10	649.57	640.1
01:40:00	692.00	694.1
01:39:50	685.60	687.5
01:39:40	679.02	681.1
01:39:30	672.26	674.3
01:39:20	665.06	667.0
01:39:10	657.73	659.7
01:39:00	650.48	652.5
01:38:50	642.66	644.7
01:38:40	634.78	636.8
01:38:30	626.56	628.6
01:38:20	617.55	619.8
01:38:10	608.04	610.3
01:38:00	597.02	599.4
01:37:50	582.18	584.8
01:37:40	605.94	607.3
01:37:30	610.82	603.1

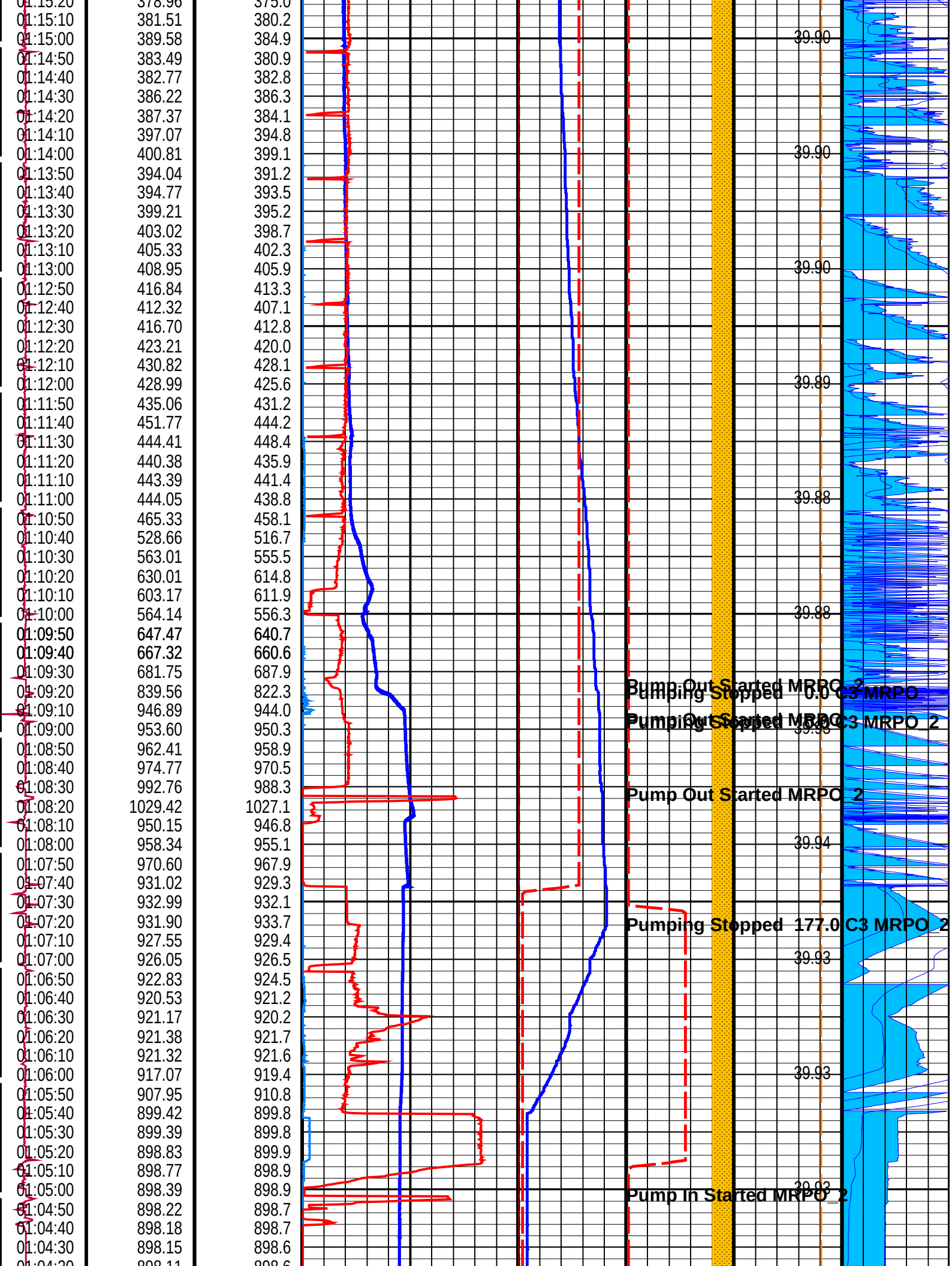



01:37:20 674.04 663.8
01:37:10 709.15 711.1
01:37:00 702.86 704.9
01:36:50 695.80 697.9
01:36:40 688.33 690.5
01:36:30 679.73 681.9
01:36:20 668.67 671.2
01:36:10 652.73 655.5
01:36:00 690.51 681.3
01:35:50 769.34 758.7
01:35:40 837.10 839.1
01:35:30 829.81 832.3
01:35:20 799.83 800.9
01:35:10 797.85 799.0
01:35:00 795.85 797.1
01:34:50 793.65 794.9
01:34:40 791.51 792.7
01:34:30 789.33 790.6
01:34:20 786.95 788.2
01:34:10 784.57 785.9
01:34:00 782.17 783.5
01:33:50 779.55 781.0
01:33:40 777.20 778.5
01:33:30 774.25 775.7
01:33:20 771.48 772.9
01:33:10 768.56 770.0
01:33:00 765.57 767.1
01:32:50 762.43 764.0
01:32:40 759.26 760.8
01:32:30 755.97 757.5
01:32:20 752.42 754.0
01:32:10 748.92 750.5
01:32:00 745.37 747.0
01:31:50 741.60 743.2
01:31:40 737.73 739.4
01:31:30 733.73 735.5
01:31:20 729.43 731.2
01:31:10 725.19 727.0
01:31:00 720.84 722.6
01:30:50 716.14 717.9
01:30:40 711.43 713.3
01:30:30 706.58 708.5
01:30:20 701.44 703.4
01:30:10 696.38 698.2
01:30:00 691.17 693.0
01:29:50 685.65 687.6
01:29:40 679.66 681.6
01:29:30 672.77 674.9
01:29:20 665.31 665.3
01:29:10 677.45 679.3
01:29:00 672.01 673.9
01:28:50 667.15 669.0
01:28:40 661.41 663.3
01:28:30 655.36 657.3
01:28:20 649.27 651.2
01:28:10 643.22 645.3
01:28:00 636.52 638.5
01:27:50 630.08 632.0
01:27:40 623.80 625.8
01:27:30 617.34 619.3
01:27:20 610.77 612.8
01:27:10 604.30 606.2
01:27:00 597.96 599.9
01:26:50 591.21 593.2
01:26:40 585.19 586.5
01:26:30 579.35 581.1
39.88
39.87
39.90
39.90
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump Out Started MRPO_2
39.90
39.90
39.90
Pumping Stopped 6726.0 C3 MRPO_2
39.91
39.90

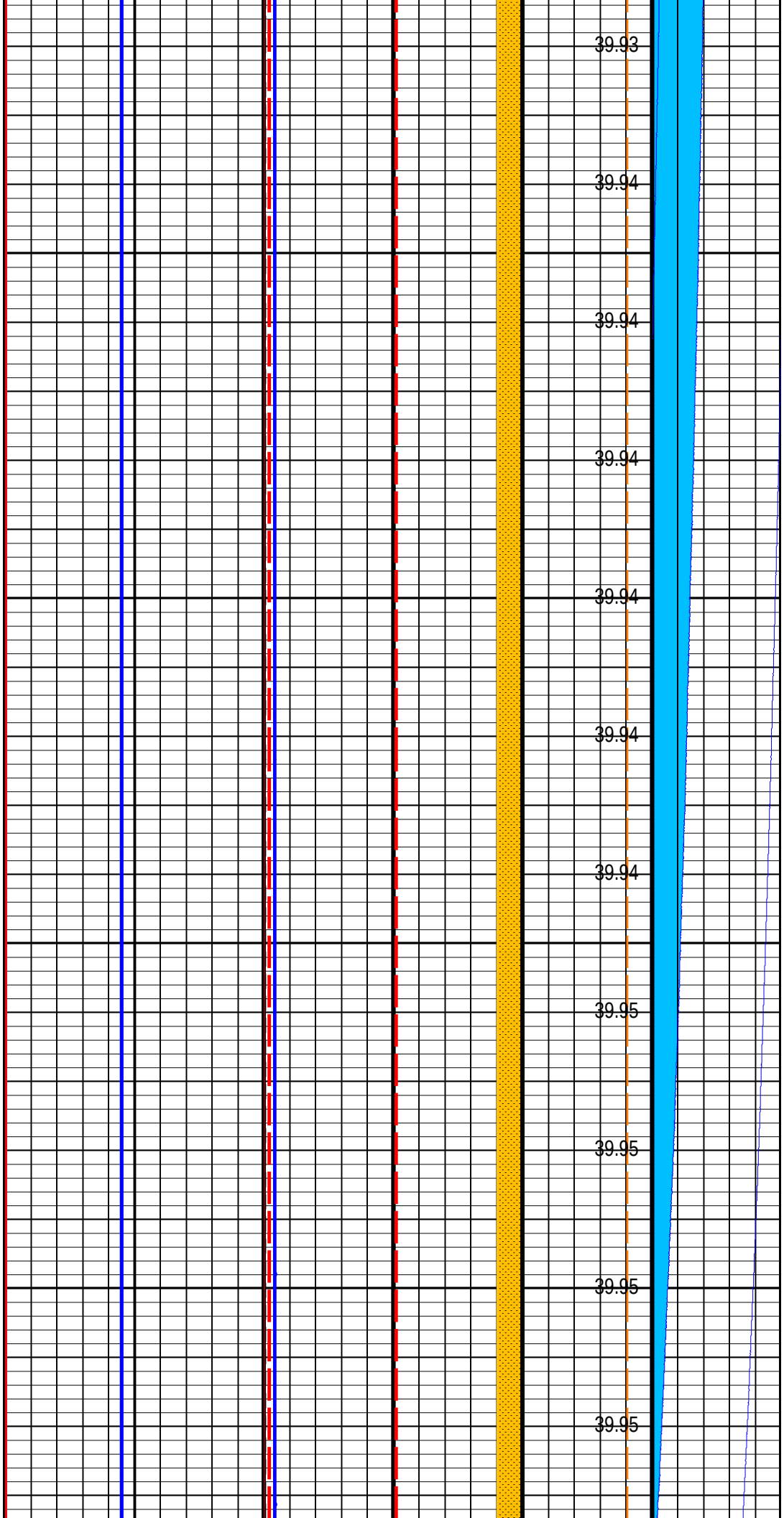
01:26:20	574.86	576.6
01:26:10	568.42	570.3
01:26:00	561.92	563.8
01:25:50	555.84	557.5
01:25:40	549.78	551.1
01:25:30	544.62	546.4
01:25:20	538.32	540.1
01:25:10	532.29	534.0
01:25:00	526.24	528.0
01:24:50	520.28	522.0
01:24:40	514.56	516.3
01:24:30	509.02	510.7
01:24:20	503.49	505.2
01:24:10	498.82	499.9
01:24:00	493.21	494.8
01:23:50	487.98	489.6
01:23:40	483.12	484.7
01:23:30	478.37	479.9
01:23:20	473.50	475.1
01:23:10	468.86	470.4
01:23:00	464.11	465.6
01:22:50	459.18	460.7
01:22:40	454.24	455.8
01:22:30	449.20	450.7
01:22:20	443.87	445.4
01:22:10	438.57	440.1
01:22:00	434.68	435.7
01:21:50	429.21	430.8
01:21:40	423.78	425.3
01:21:30	418.06	419.7
01:21:20	411.93	413.6
01:21:10	405.52	407.2
01:21:00	398.89	400.5
01:20:50	391.28	393.1
01:20:40	382.27	384.3
01:20:30	376.88	373.2
01:20:20	374.38	375.8
01:20:10	374.21	371.2
01:20:00	375.30	372.2
01:19:50	376.69	373.9
01:19:40	376.60	374.5
01:19:30	384.96	380.7
01:19:20	402.33	403.8
01:19:10	394.27	396.1
01:19:00	384.89	386.0
01:18:50	365.58	363.9
01:18:40	377.44	372.3
01:18:30	374.64	359.3
01:18:20	358.82	362.9
01:18:10	356.36	354.5
01:18:00	366.78	365.8
01:17:50	371.23	370.3
01:17:40	380.68	382.3
01:17:30	371.11	369.4
01:17:20	371.66	370.6
01:17:10	377.04	375.4
01:17:00	373.72	372.0
01:16:50	371.70	371.3
01:16:40	365.82	362.7
01:16:30	369.78	367.6
01:16:20	367.10	366.2
01:16:10	372.72	371.0
01:16:00	370.01	368.5
01:15:50	373.92	372.4
01:15:40	378.21	376.2
01:15:30	376.64	374.2
01:15:20	378.96	375.0



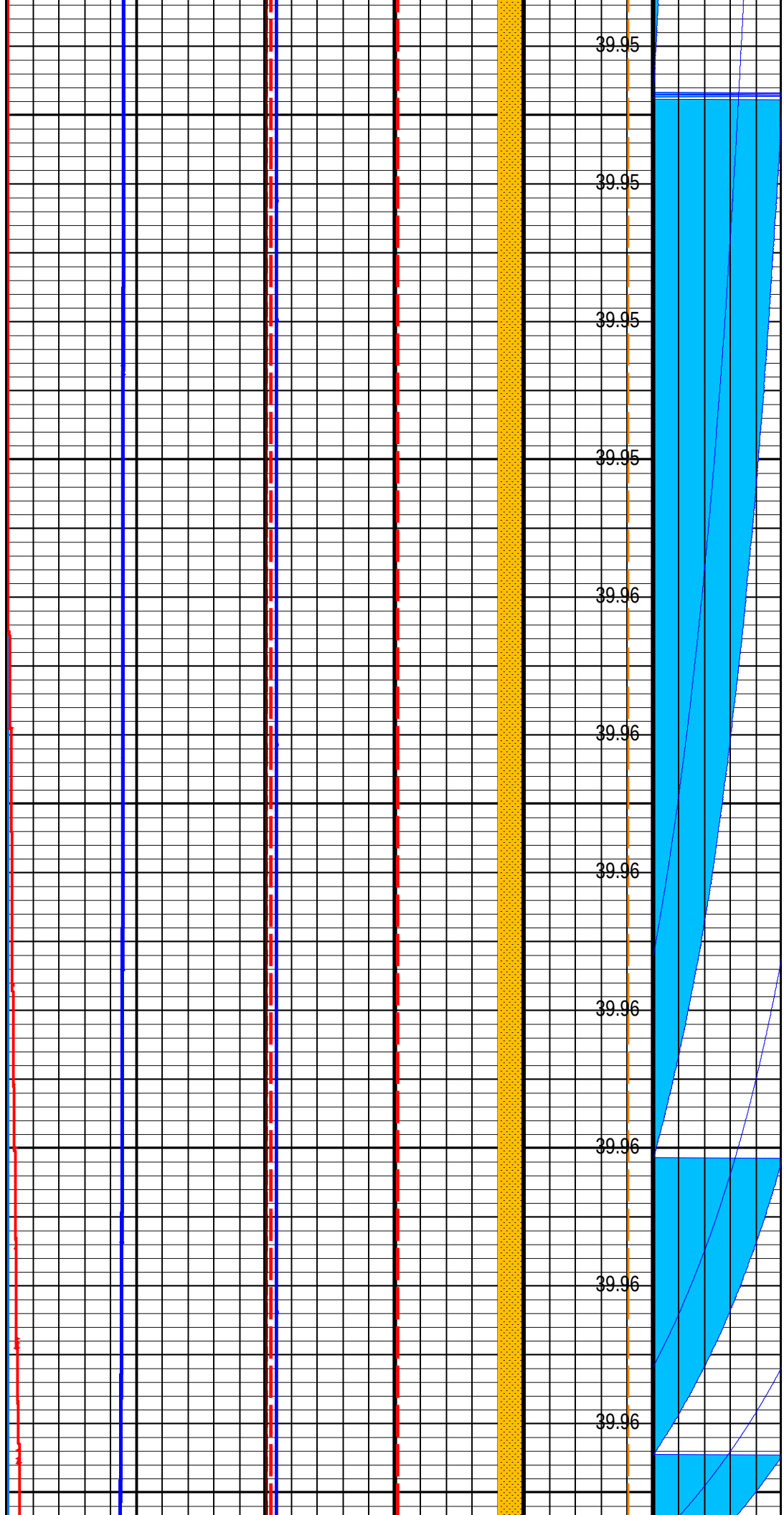
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01:14:00	400.81	399.1
01:13:50	394.04	391.2
01:13:40	394.77	393.5
01:13:30	399.21	395.2
01:13:20	403.02	398.7
01:13:10	405.33	402.3
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01:12:50	416.84	413.3
01:12:40	412.32	407.1
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01:12:20	423.21	420.0
01:12:10	430.82	428.1
01:12:00	428.99	425.6
01:11:50	435.06	431.2
01:11:40	451.77	444.2
01:11:30	444.41	448.4
01:11:20	440.38	435.9
01:11:10	443.39	441.4
01:11:00	444.05	438.8
01:10:50	465.33	458.1
01:10:40	528.66	516.7
01:10:30	563.01	555.5
01:10:20	630.01	614.8
01:10:10	603.17	611.9
01:10:00	564.14	556.3
01:09:50	647.47	640.7
01:09:40	667.32	660.6
01:09:30	681.75	687.9
01:09:20	839.56	822.3
01:09:10	946.89	944.0
01:09:00	953.60	950.3
01:08:50	962.41	958.9
01:08:40	974.77	970.5
01:08:30	992.76	988.3
01:08:20	1029.42	1027.1
01:08:10	950.15	946.8
01:08:00	958.34	955.1
01:07:50	970.60	967.9
01:07:40	931.02	929.3
01:07:30	932.99	932.1
01:07:20	931.90	933.7
01:07:10	927.55	929.4
01:07:00	926.05	926.5
01:06:50	922.83	924.5
01:06:40	920.53	921.2
01:06:30	921.17	920.2
01:06:20	921.38	921.7
01:06:10	921.32	921.6
01:06:00	917.07	919.4
01:05:50	907.95	910.8
01:05:40	899.42	899.8
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01:05:10	898.77	898.9
01:05:00	898.39	898.9
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01:04:30	898.15	898.6
01:04:20	898.11	898.6



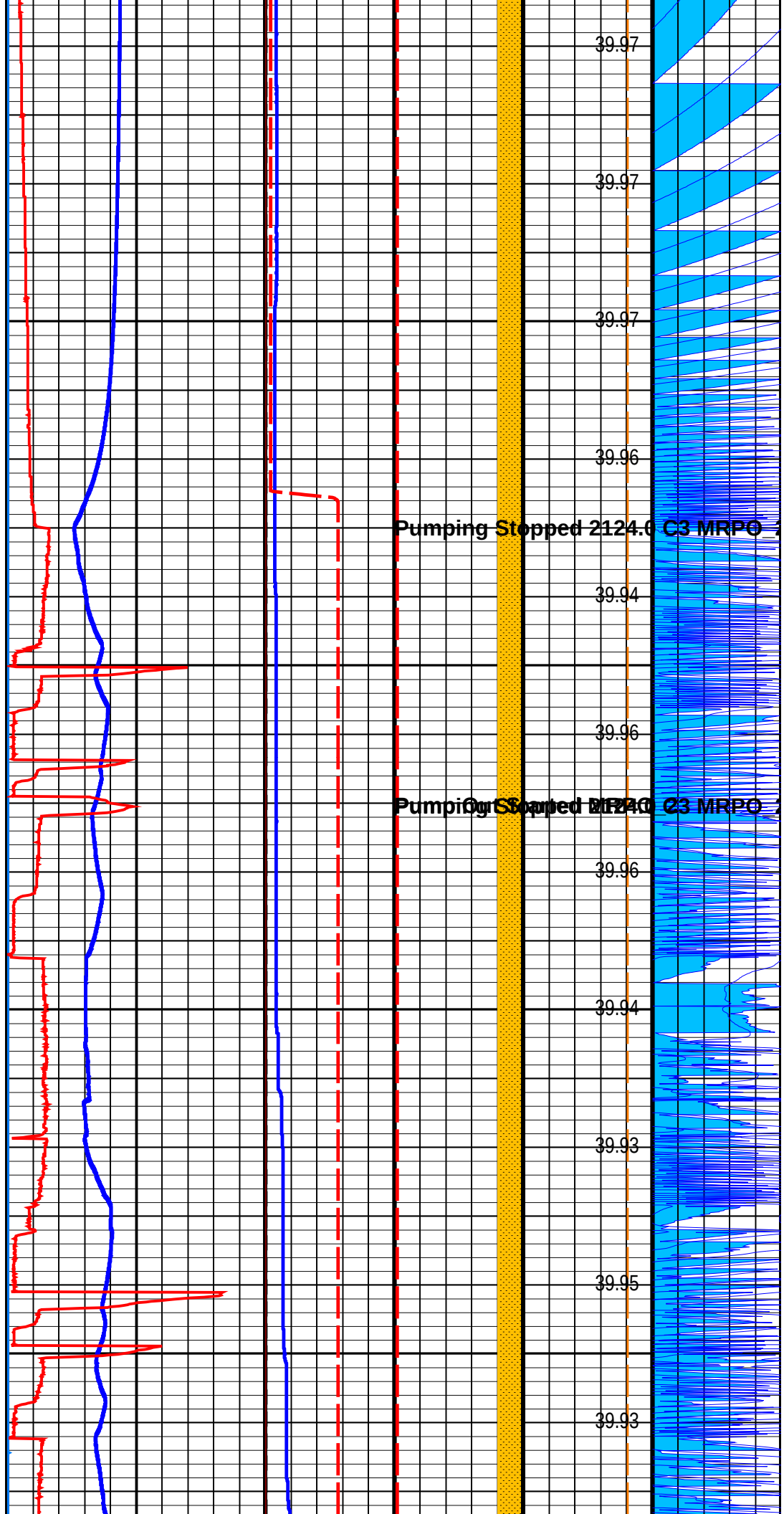
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01:03:30	897.94	898.5
01:03:20	897.90	898.4
01:03:10	897.86	898.4
01:03:00	897.83	898.3
01:02:50	897.79	898.3
01:02:40	897.76	898.2
01:02:30	897.73	898.3
01:02:20	897.68	898.2
01:02:10	897.65	898.2
01:02:00	897.61	898.1
01:01:50	897.58	898.0
01:01:40	897.53	898.0
01:01:30	897.51	898.0
01:01:20	897.45	897.9
01:01:10	897.42	897.9
01:01:00	897.37	897.9
01:00:50	897.34	897.8
01:00:40	897.29	897.8
01:00:30	897.24	897.7
01:00:20	897.20	897.7
01:00:10	897.15	897.6
01:00:00	897.11	897.6
00:59:50	897.06	897.5
00:59:40	897.02	897.5
00:59:30	896.97	897.4
00:59:20	896.92	897.4
00:59:10	896.86	897.4
00:59:00	896.83	897.3
00:58:50	896.79	897.3
00:58:40	896.73	897.3
00:58:30	896.67	897.2
00:58:20	896.63	897.1
00:58:10	896.58	897.1
00:58:00	896.52	897.0
00:57:50	896.46	896.9
00:57:40	896.41	896.9
00:57:30	896.35	896.9
00:57:20	896.29	896.8
00:57:10	896.23	896.8
00:57:00	896.17	896.7
00:56:50	896.11	896.6
00:56:40	896.06	896.6
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00:56:20	895.94	896.4
00:56:10	895.88	896.4
00:56:00	895.81	896.3
00:55:50	895.75	896.2
00:55:40	895.67	896.1
00:55:30	895.60	896.1
00:55:20	895.55	896.0
00:55:10	895.46	895.9
00:55:00	895.38	895.8
00:54:50	895.31	895.8
00:54:40	895.24	895.7
00:54:30	895.16	895.6
00:54:20	895.09	895.6
00:54:10	895.01	895.5
00:54:00	894.93	895.4
00:53:50	894.85	895.3
00:53:40	894.77	895.2
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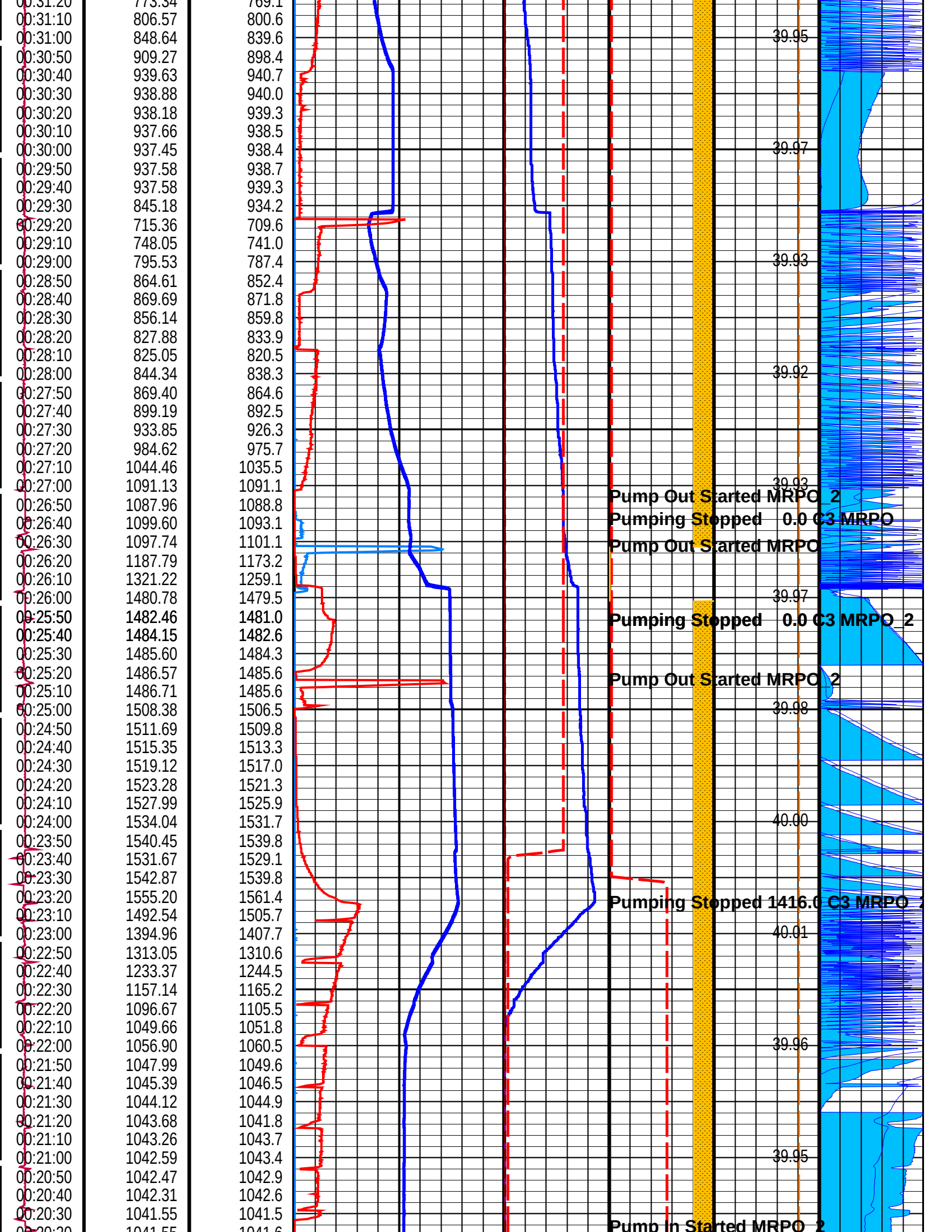


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00:52:40	894.21	894.7
00:52:30	894.12	894.6
00:52:20	894.01	894.5
00:52:10	893.91	894.4
00:52:00	893.81	894.3
00:51:50	893.69	894.2
00:51:40	893.57	894.0
00:51:30	893.47	894.0
00:51:20	893.35	893.8
00:51:10	893.24	893.7
00:51:00	893.12	893.6
00:50:50	892.99	893.4
00:50:40	892.85	893.3
00:50:30	892.72	893.2
00:50:20	892.57	893.1
00:50:10	892.44	892.9
00:50:00	892.30	892.8
00:49:50	892.14	892.6
00:49:40	891.99	892.5
00:49:30	891.83	892.3
00:49:20	891.66	892.1
00:49:10	891.49	891.9
00:49:00	891.33	891.8
00:48:50	891.13	891.6
00:48:40	890.94	891.4
00:48:30	890.75	891.2
00:48:20	890.54	891.0
00:48:10	890.34	890.8
00:48:00	890.12	890.6
00:47:50	**889.89**	**890.4**
00:47:40	**889.66**	**890.2**
00:47:30	889.42	890.0
00:47:20	889.16	889.7
00:47:10	888.89	889.4
00:47:00	888.62	889.2
00:46:50	888.32	888.9
00:46:40	888.02	888.6
00:46:30	887.71	888.3
00:46:20	887.38	887.9
00:46:10	887.04	887.6
00:46:00	886.67	887.3
00:45:50	886.28	886.9
00:45:40	885.89	886.5
00:45:30	885.46	886.1
00:45:20	885.00	885.7
00:45:10	884.54	885.2
00:45:00	884.04	884.8
00:44:50	883.50	884.2
00:44:40	882.95	883.7
00:44:30	882.35	883.1
00:44:20	881.69	882.5
00:44:10	881.02	881.9
00:44:00	880.31	881.2
00:43:50	879.53	880.5
00:43:40	878.71	879.7
00:43:30	877.82	878.8
00:43:20	876.85	877.9
00:43:10	875.82	876.9
00:43:00	874.72	875.9
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00:42:40	872.18	873.4
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00:42:20	869.18	870.6

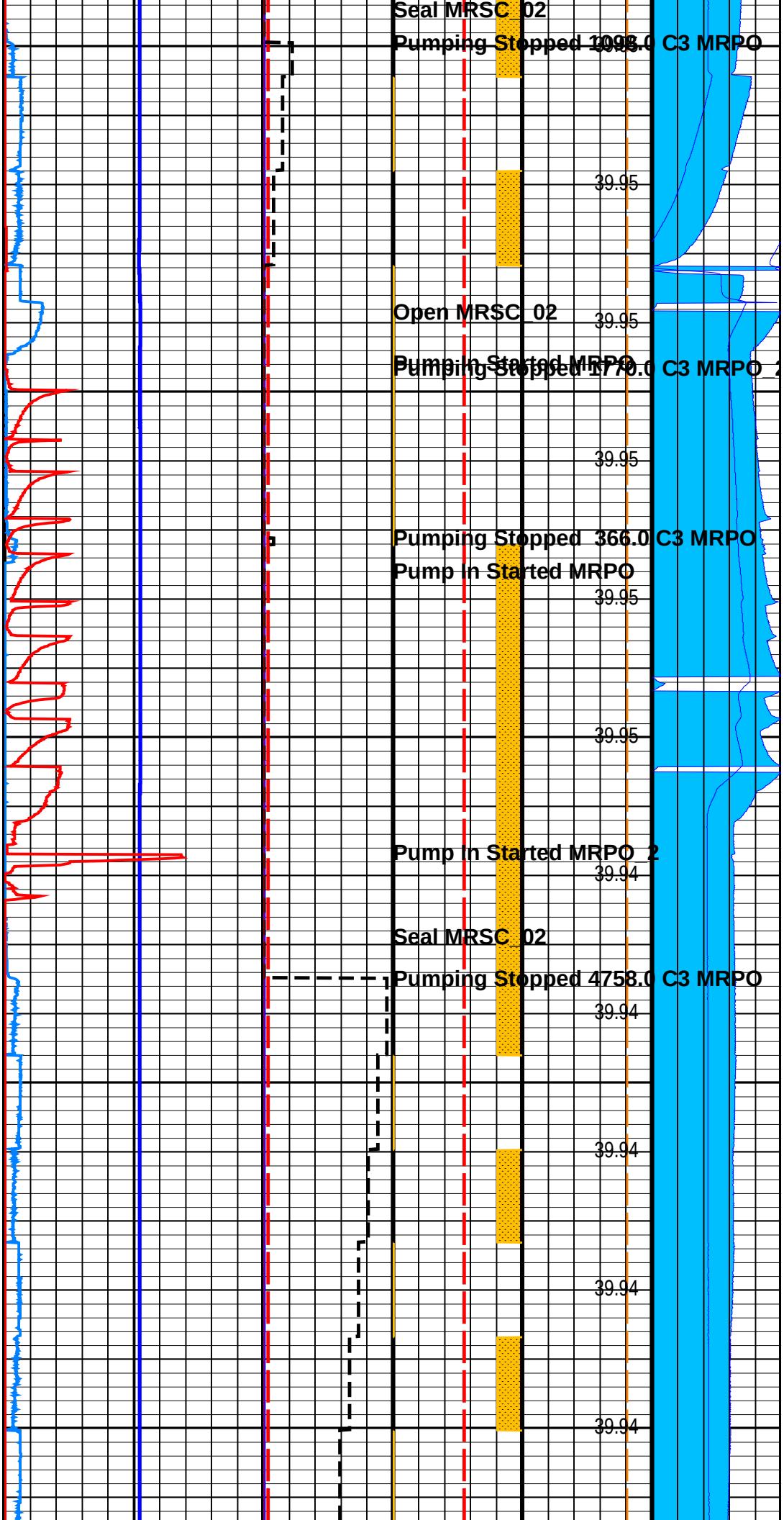


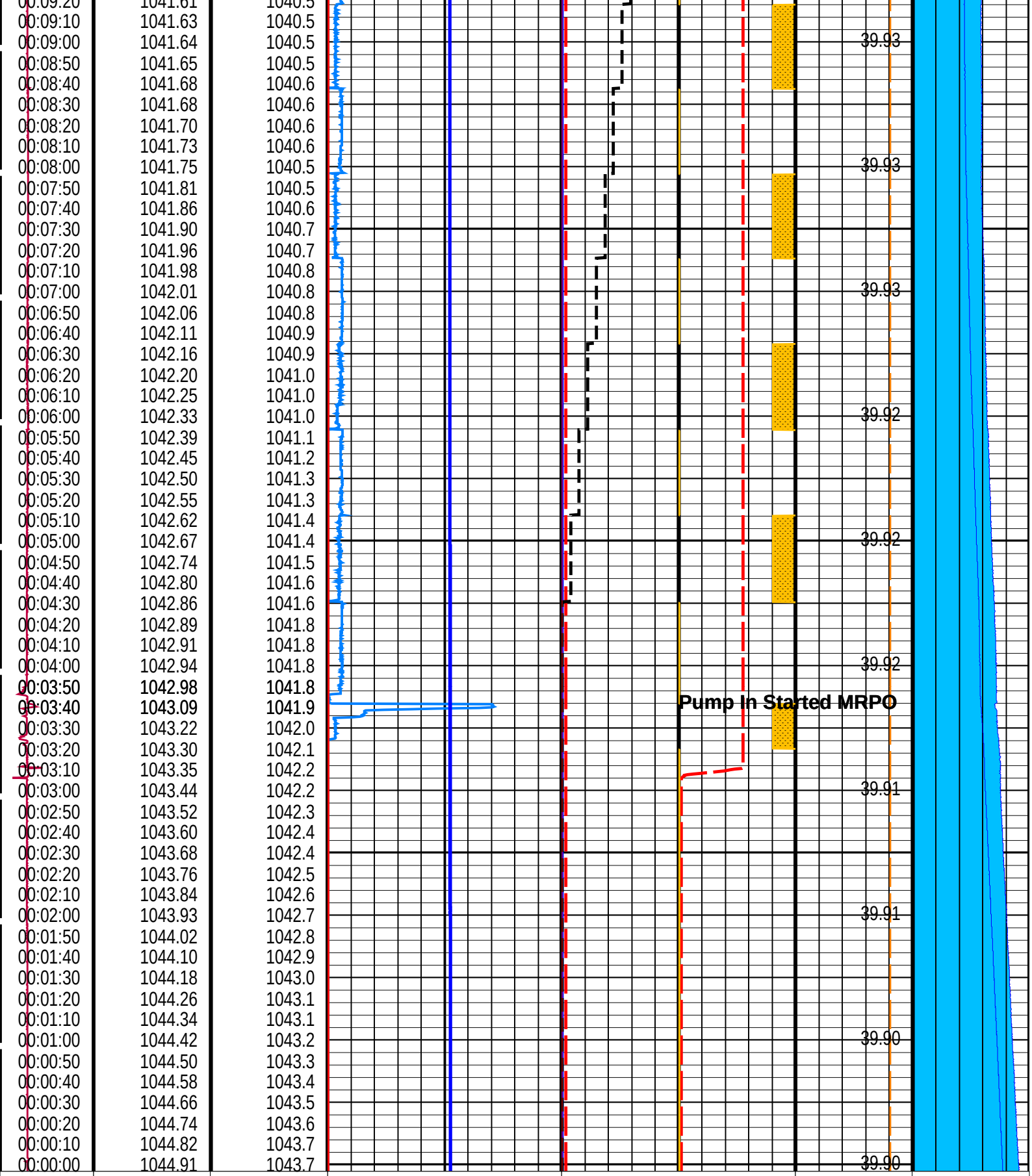
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00:41:40	861.36	863.1
00:41:30	858.90	860.7
00:41:20	856.08	858.0
00:41:10	853.02	855.0
00:41:00	849.58	851.7
00:40:50	845.56	847.8
00:40:40	841.17	843.4
00:40:30	836.10	838.4
00:40:20	830.09	832.6
00:40:10	823.29	825.9
00:40:00	815.32	818.1
00:39:50	805.45	808.4
00:39:40	793.55	796.8
00:39:30	778.56	782.3
00:39:20	755.52	760.0
00:39:10	727.74	732.7
00:39:00	689.80	696.3
00:38:50	631.94	641.1
00:38:40	563.15	570.8
00:38:30	521.30	516.3
00:38:20	548.18	544.2
00:38:10	591.53	584.9
00:38:00	616.34	610.9
00:37:50	673.49	664.9
00:37:40	727.15	732.6
00:37:30	678.65	681.2
00:37:20	741.22	728.7
00:37:10	771.12	773.3
00:37:00	747.84	752.6
00:36:50	717.50	719.0
00:36:40	708.25	714.8
00:36:30	656.45	664.0
00:36:20	667.07	662.6
00:36:10	685.58	679.8
00:36:00	715.83	709.1
00:35:50	723.73	728.9
00:35:40	689.77	695.9
00:35:30	642.57	645.1
00:35:20	606.13	608.0
00:35:10	604.09	601.8
00:35:00	604.30	602.2
00:34:50	601.77	606.5
00:34:40	618.80	622.0
00:34:30	626.50	620.3
00:34:20	596.08	590.7
00:34:10	609.58	610.7
00:34:00	625.15	616.0
00:33:50	698.85	688.8
00:33:40	786.02	773.6
00:33:30	797.91	795.9
00:33:20	799.30	802.2
00:33:10	779.15	783.7
00:33:00	747.68	752.4
00:32:50	749.88	741.8
00:32:40	732.78	739.9
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00:32:00	700.62	709.5
00:31:50	692.95	685.4
00:31:40	719.68	715.8
00:31:30	741.39	739.5
00:31:20	772.34	769.1




39.95
39.97
39.93
39.92
39.93
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO
Pump Out Started MRPO
39.97
Pumping Stopped 0.0 C3 MRPO_2
Pump Out Started MRPO_2
39.98
40.00
Pumping Stopped 1416.0 C3 MRPO_2
40.01
39.96
39.95
Pump In Started MRPO_2

00:20:20	1041.55	1041.6
00:20:10	1041.53	1041.4
00:20:00	1041.51	1041.2
00:19:50	1041.82	1042.3
00:19:40	1041.38	1042.0
00:19:30	1040.91	1041.6
00:19:20	1040.40	1041.1
00:19:10	1039.81	1040.1
00:19:00	1039.19	1039.9
00:18:50	1038.36	1039.2
00:18:40	1037.36	1038.1
00:18:30	1036.36	1036.1
00:18:20	1042.55	1041.7
00:18:10	1044.31	1044.9
00:18:00	1043.47	1043.8
00:17:50	1043.10	1042.3
00:17:40	1043.19	1042.4
00:17:30	1043.30	1042.5
00:17:20	1043.43	1042.7
00:17:10	1043.51	1042.8
00:17:00	1043.61	1042.9
00:16:50	1043.72	1043.1
00:16:40	1043.80	1043.5
00:16:30	1043.82	1043.1
00:16:20	1043.94	1043.3
00:16:10	1044.11	1043.6
00:16:00	1044.10	1043.4
00:15:50	1044.26	1043.8
00:15:40	1044.44	1043.8
00:15:30	1044.77	1044.6
00:15:20	1043.88	1043.4
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00:15:00	1043.92	1043.3
00:14:50	1043.97	1045.0
00:14:40	1042.16	1042.8
00:14:30	1041.48	1041.8
00:14:20	1041.46	1041.0
00:14:10	1041.46	1040.9
00:14:00	1041.47	1041.0
00:13:50	1041.47	1041.0
00:13:40	1041.47	1041.0
00:13:30	1041.48	1041.1
00:13:20	1041.50	1041.1
00:13:10	1041.49	1041.1
00:13:00	1041.51	1041.1
00:12:50	1041.50	1041.1
00:12:40	1041.51	1041.1
00:12:30	1041.50	1041.0
00:12:20	1041.51	1041.1
00:12:10	1041.51	1041.0
00:12:00	1041.52	1040.9
00:11:50	1041.53	1041.0
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00:11:10	1041.54	1040.9
00:11:00	1041.55	1040.9
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00:10:10	1041.56	1040.7
00:10:00	1041.59	1040.8
00:09:50	1041.59	1040.7
00:09:40	1041.59	1040.6
00:09:30	1041.60	1040.6
00:09:20	1041.61	1040.5





Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)	MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000	MRPA Quartz Temperature (PAQT) (DEGF) 100 150	MRPA SG One's (PSGU) 0 (---- 10
00:09:20	1041.61	1040.5				
00:09:10	1041.63	1040.5				
00:09:00	1041.64	1040.5				
00:08:50	1041.65	1040.5				
00:08:40	1041.68	1040.6				
00:08:30	1041.68	1040.6				
00:08:20	1041.70	1040.6				
00:08:10	1041.73	1040.6				
00:08:00	1041.75	1040.5				
00:07:50	1041.81	1040.5				
00:07:40	1041.86	1040.6				
00:07:30	1041.90	1040.7				
00:07:20	1041.96	1040.7				
00:07:10	1041.98	1040.8				
00:07:00	1042.01	1040.8				
00:06:50	1042.06	1040.8				
00:06:40	1042.11	1040.9				
00:06:30	1042.16	1040.9				
00:06:20	1042.20	1041.0				
00:06:10	1042.25	1041.0				
00:06:00	1042.33	1041.0				
00:05:50	1042.39	1041.1				
00:05:40	1042.45	1041.2				
00:05:30	1042.50	1041.3				
00:05:20	1042.55	1041.3				
00:05:10	1042.62	1041.4				
00:05:00	1042.67	1041.4				
00:04:50	1042.74	1041.5				
00:04:40	1042.80	1041.6				
00:04:30	1042.86	1041.6				
00:04:20	1042.89	1041.8				
00:04:10	1042.91	1041.8				
00:04:00	1042.94	1041.8				
00:03:50	1042.98	1041.8				
00:03:40	1043.09	1041.9				
00:03:30	1043.22	1042.0				
00:03:20	1043.30	1042.1				
00:03:10	1043.35	1042.2				
00:03:00	1043.44	1042.2				
00:02:50	1043.52	1042.3				
00:02:40	1043.60	1042.4				
00:02:30	1043.68	1042.4				
00:02:20	1043.76	1042.5				
00:02:10	1043.84	1042.6				
00:02:00	1043.93	1042.7				
00:01:50	1044.02	1042.8				
00:01:40	1044.10	1042.9				
00:01:30	1044.18	1043.0				
00:01:20	1044.26	1043.1				
00:01:10	1044.34	1043.1				
00:01:00	1044.42	1043.2				
00:00:50	1044.50	1043.3				
00:00:40	1044.58	1043.4				
00:00:30	1044.66	1043.5				
00:00:20	1044.74	1043.6				
00:00:10	1044.82	1043.7				
00:00:00	1044.91	1043.7				

MRPC 50 V Supply (50V) 30 (V) 100		MRPA SG Pressure (PASG) 0 (PSIA) 2000	MRPA Interval Valve Position (PAVP) -5 (---- 250	MRPA Inflate Valve Position (PAFP) -5 (---- 250	MRPA Quartz Temperature (PAQT) (DEGF)	MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10

MRPO Hydraulic Pressure (POHP2)			MRPO Pump Volume (POPV)		
0	(PSIG)	5000	0	(C3)	10000

MRPA Quartz Pressure (PAQP)			MRPA Auto deflate status (PAAD)			MRPO Solenoid 3 Status (POS3)		
0	(PSIA)	2000	0	(----	5	5	(----	0

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: PACKER Vertical Scale: 1" per 60S Graphics File Created: 17−Feb−2007 18:47

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_099LTP	FN:110	PRODUCER	17−Feb−2007 18:46

Schlumberger

DEPTH 2036

MAXIS Field Log

Output DLIS Files

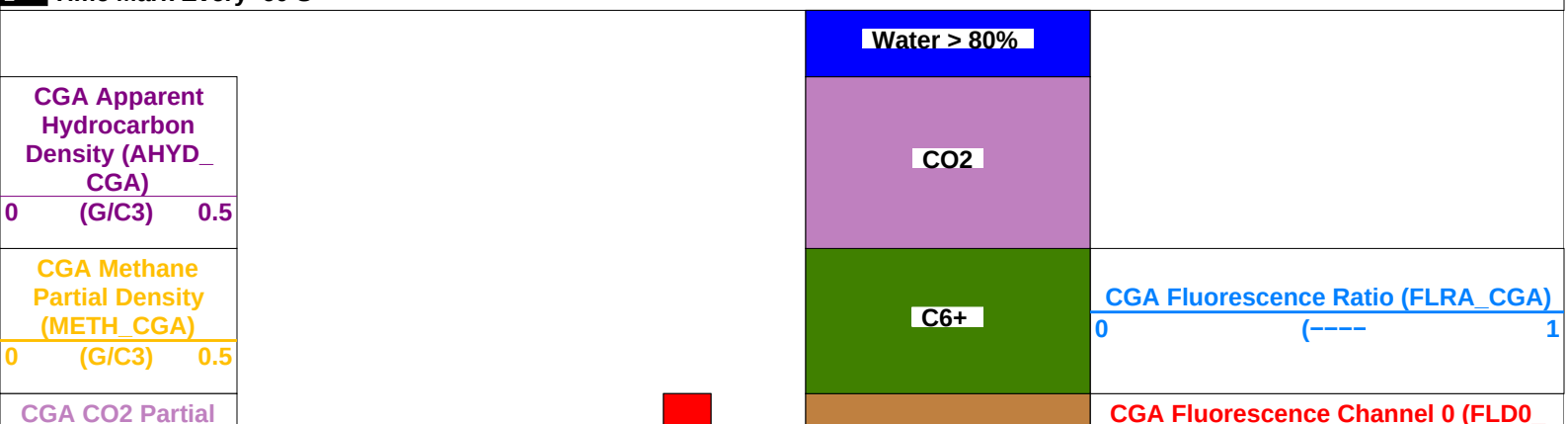
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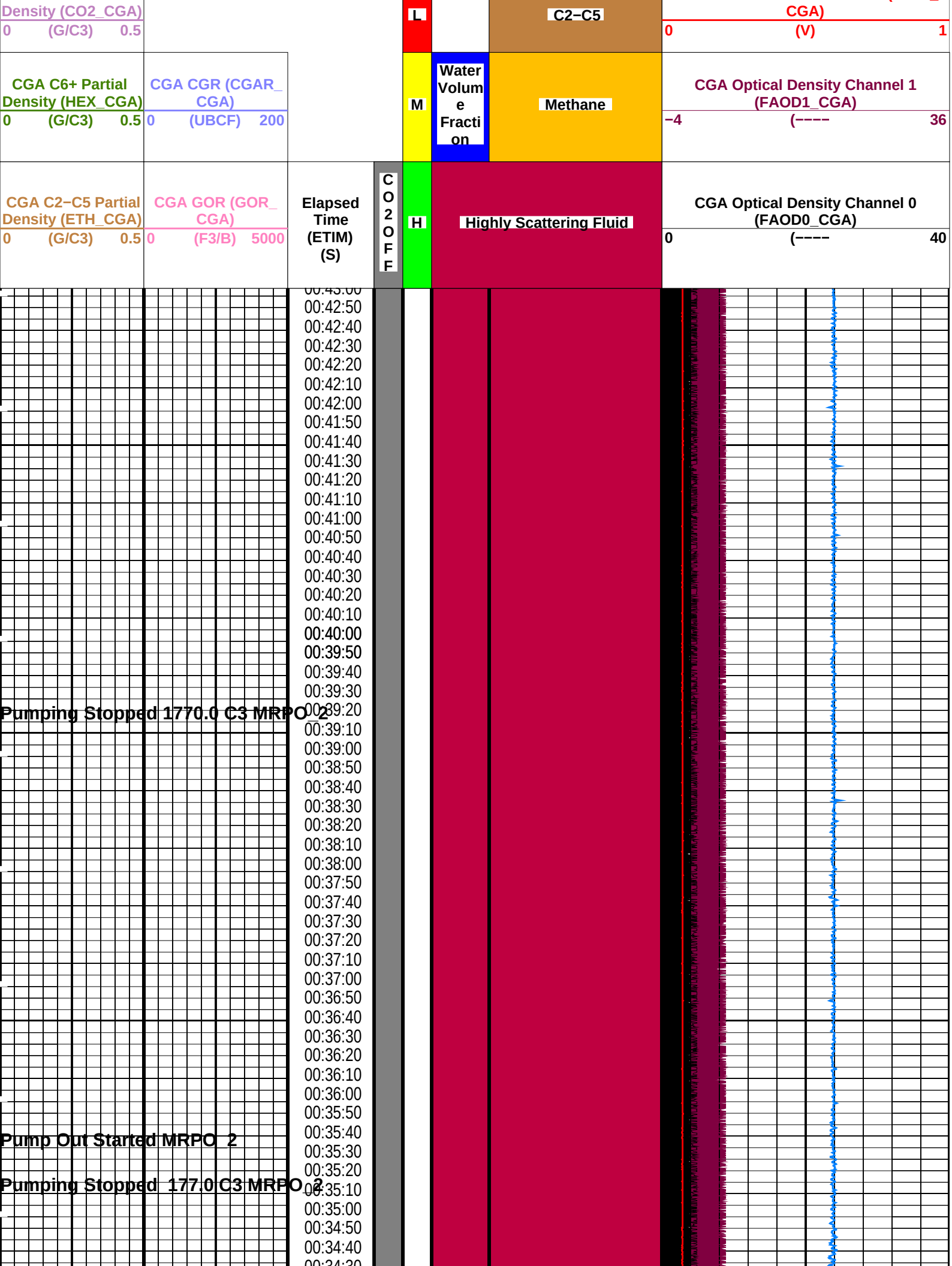
Elapsed Time (s)	Event Summary

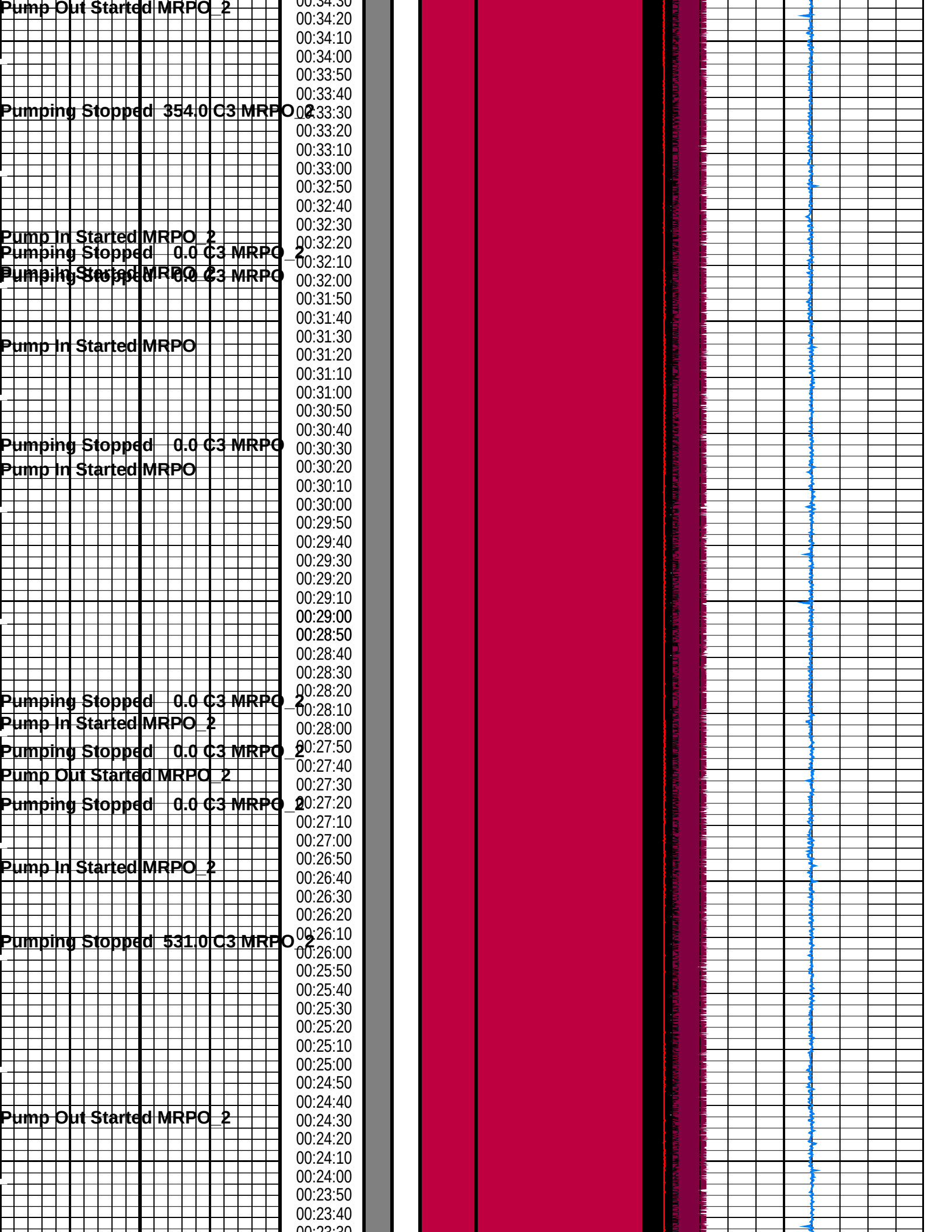
Time (s)	Event Summary
2354.4	Pumping Stopped 1770.0 C3 Dual Pumpout Module (MRPO) 2
2131.8	Pump Out Started Dual Pumpout Module (MRPO) 2
2108.1	Pumping Stopped 177.0 C3 Dual Pumpout Module (MRPO) 2
2062.2	Pump Out Started Dual Pumpout Module (MRPO) 2
2007.0	Pumping Stopped 354.0 C3 Dual Pumpout Module (MRPO) 2
1939.2	Pump In Started Dual Pumpout Module (MRPO) 2
1930.8	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1920.0	Pump In Started Dual Pumpout Module (MRPO) 2
1918.2	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1881.0	Pump In Started Dual Pumpout Module (MRPO)
1827.9	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1814.7	Pump In Started Dual Pumpout Module (MRPO)
1690.5	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1678.8	Pump In Started Dual Pumpout Module (MRPO) 2
1663.5	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1650.6	Pump Out Started Dual Pumpout Module (MRPO) 2
1635.0	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1601.4	Pump In Started Dual Pumpout Module (MRPO) 2
1561.8	Pumping Stopped 531.0 C3 Dual Pumpout Module (MRPO) 2
1467.6	Pump Out Started Dual Pumpout Module (MRPO) 2
1384.2	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1371.6	Pump In Started Dual Pumpout Module (MRPO) 2
1356.3	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1339.8	Pump Out Started Dual Pumpout Module (MRPO) 2
1325.1	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1310.1	Pump In Started Dual Pumpout Module (MRPO) 2
1277.4	Pumping Stopped 3186.0 C3 Dual Pumpout Module (MRPO) 2
824.1	Pump Out Started Dual Pumpout Module (MRPO) 2
762.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
752.1	Pump Out Started Dual Pumpout Module (MRPO)
671.4	Pumping Stopped 1770.0 C3 Dual Pumpout Module (MRPO) 2
476.1	Pump In Started Dual Pumpout Module (MRPO) 2
475.5	Pumping Stopped 2562.0 C3 Dual Pumpout Module (MRPO)
175.2	Pump In Started Dual Pumpout Module (MRPO)
174.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
165.0	Pump In Started Dual Pumpout Module (MRPO) 2
135.3	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
123.0	Pump In Started Dual Pumpout Module (MRPO)

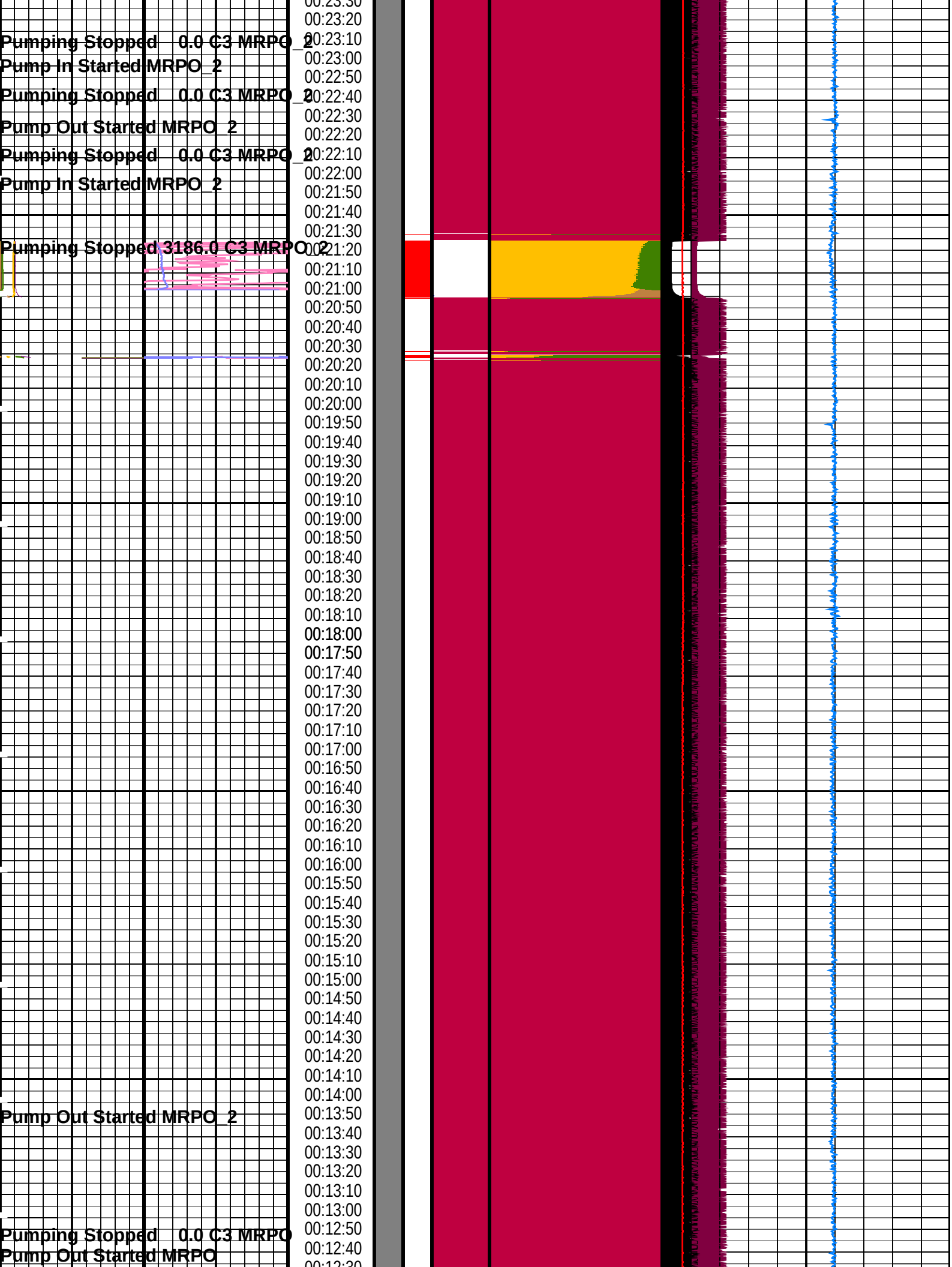
PIP SUMMARY

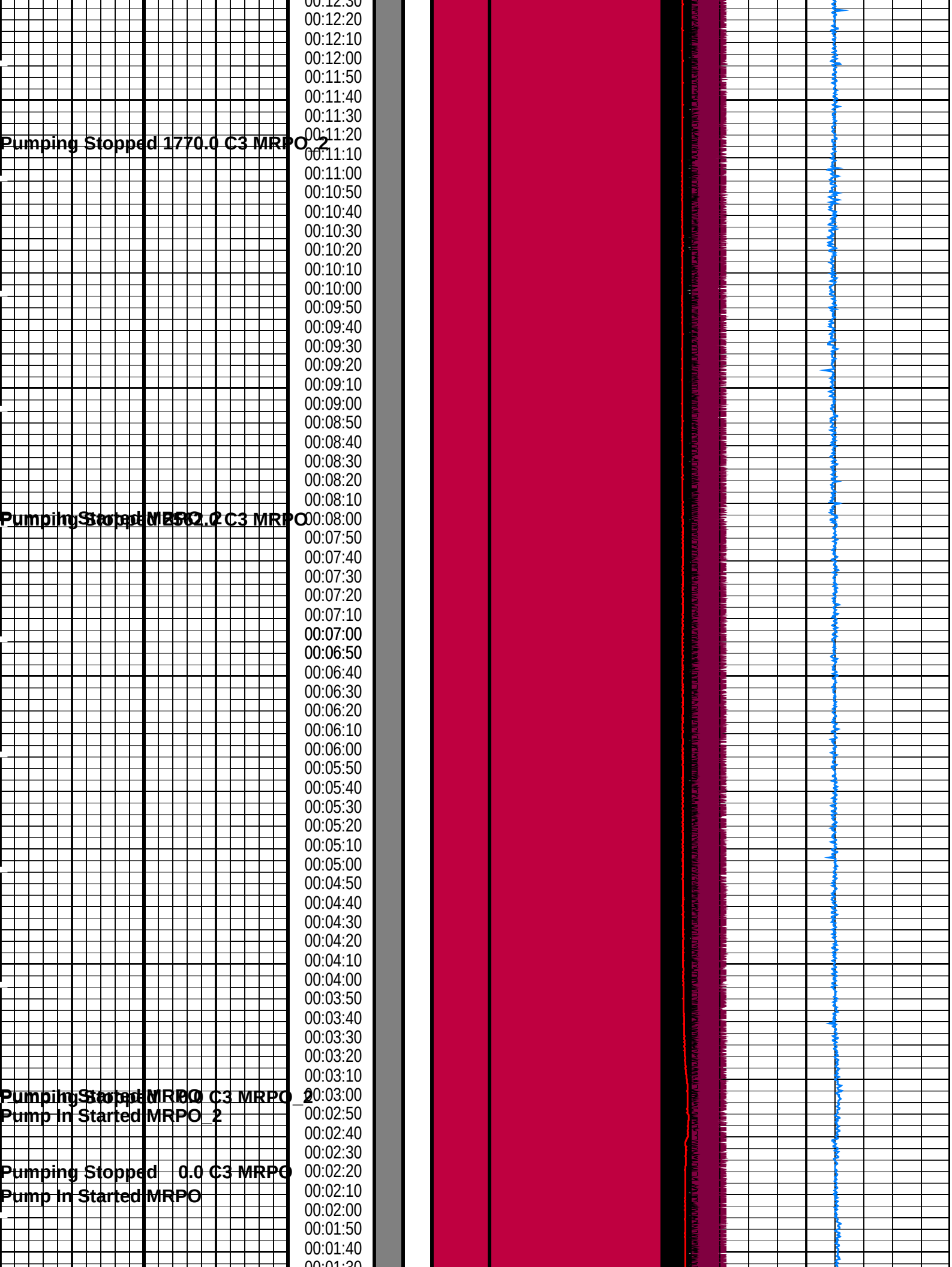
Time Mark Every 60 S

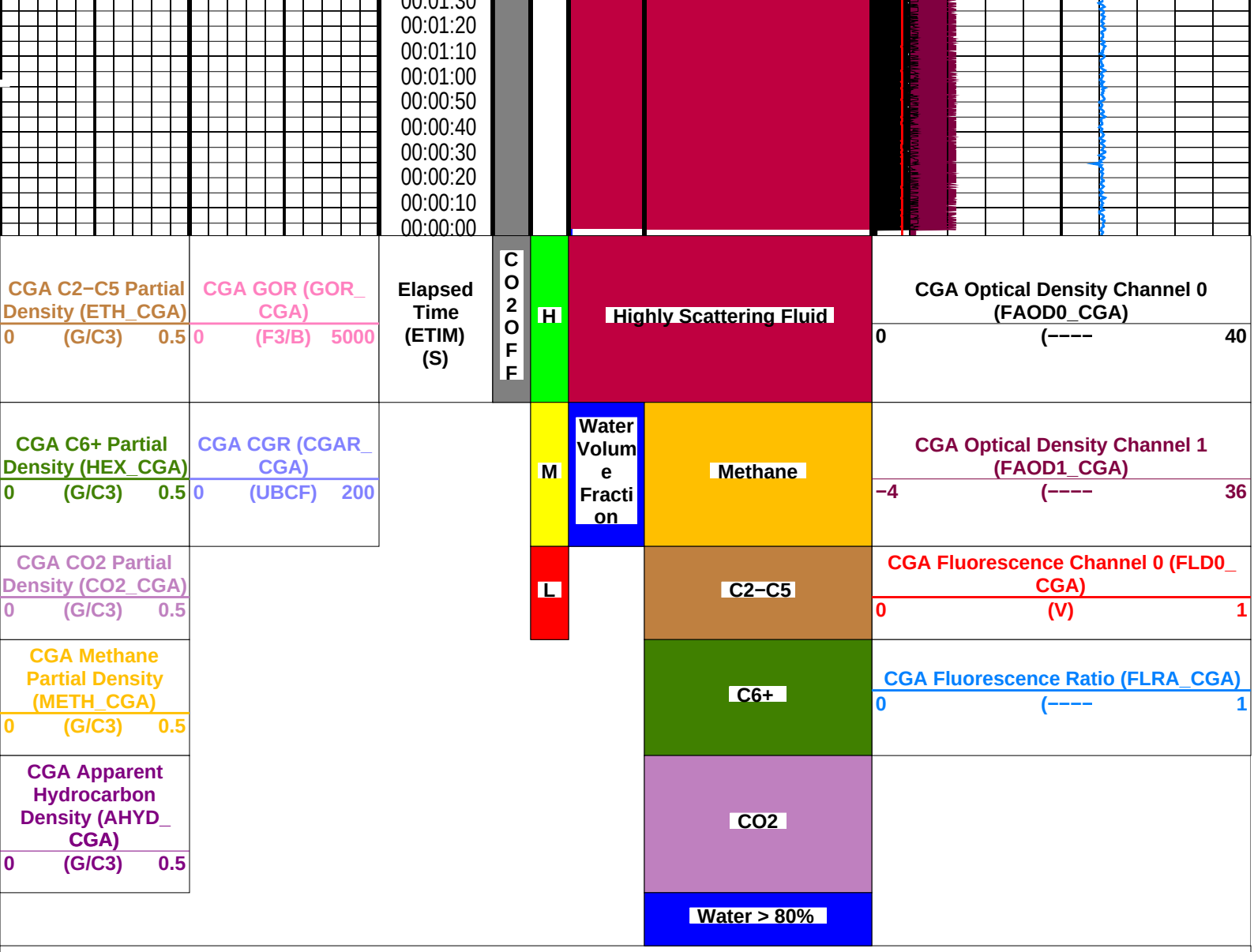



Density (CO2_CGA)
0 (G/C3) 0.5
L
C2–C5
CGA)
0 (V) 1
CGA C6+ Partial Density (HEX_CGA)
0 (G/C3) 0.5
CGA CGR (CGAR_ CGA)
0 (UBCF) 200
M
Water Volume Fraction
Methane
CGA Optical Density Channel 1 (FAOD1_CGA)
−4 (−−−− 36
CGA C2−C5 Partial Density (ETH_CGA)
0 (G/C3) 0.5
CGA GOR (GOR_ CGA)
0 (F3/B) 5000
Elapsed Time (ETIM) (S)
C O 2 O F F
H
Highly Scattering Fluid
CGA Optical Density Channel 0 (FAOD0_CGA)
0 (−−−− 40
00:42:50
00:42:40
00:42:30
00:42:20
00:42:10
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Pumping Stopped 1770.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 177.0 C3 MRPO_2


Pump Out Started MRPO_2
Pumping Stopped 354.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO
Pumping Stopped 0.0 C3 MRPO
Pump In Started MRPO
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 531.0 C3 MRPO_2
Pump Out Started MRPO_2
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Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 3186.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO
Pump Out Started MRPO
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Pumping Stopped 1770.0 C3 MRPO_2
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00:08:10
Pumping Stopped 2562.0 C3 MRPO
00:08:00
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00:04:10
00:04:00
00:03:50
00:03:40
00:03:30
00:03:20
00:03:10
Pumping Stopped 1770.0 C3 MRPO_2
00:03:00
Pump In Started MRPO_2
00:02:50
00:02:40
00:02:30
Pumping Stopped 0.0 C3 MRPO
00:02:20
Pump In Started MRPO
00:02:10
00:02:00
00:01:50
00:01:40
00:01:30



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	CGA: Condensate & Gas Analyzer		
FA2M_CGA	CGA CO2 Allow/Disallow Mode	ALLOW	
FADM_CGA	CGA Dew Detection Allow/Disallow Mode	ALLOW	
FAGM_CGA	CGA GOR Allow/Disallow Mode	ALLOW	
FAODW_CGA	CGA Water Absorption Spectra	** V **	
FAPC_CGA	CGA Path Correction Coefficient	1.0474	
FAPM_CGA	CGA Composition Allow/Disallow Mode	ALLOW	
FATCM_CGA	CGA Temp. Coef. Measure Mode	** V **	
FATCS_CGA	CGA Temp. Coef. Source Mode	** V **	
HAPI_CGA	CGA Hydrocarbon API	35	DAPI
MFGCAL_STATUS_CGA	CGA Manufacturing Calibration Coefficient Status	VALID	
ODTMP_CGA	CGA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
TCPS_STATUS_CGA	CGA Temperature Compensation Coefficient Status	VALID	
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: CGA_Station Vertical Scale: 1" per 60S Graphics File Created: 17−Feb−2007 21:43

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b

MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_100LTP	FN:111	PRODUCER	17−Feb−2007 21:43

Output DLIS Files

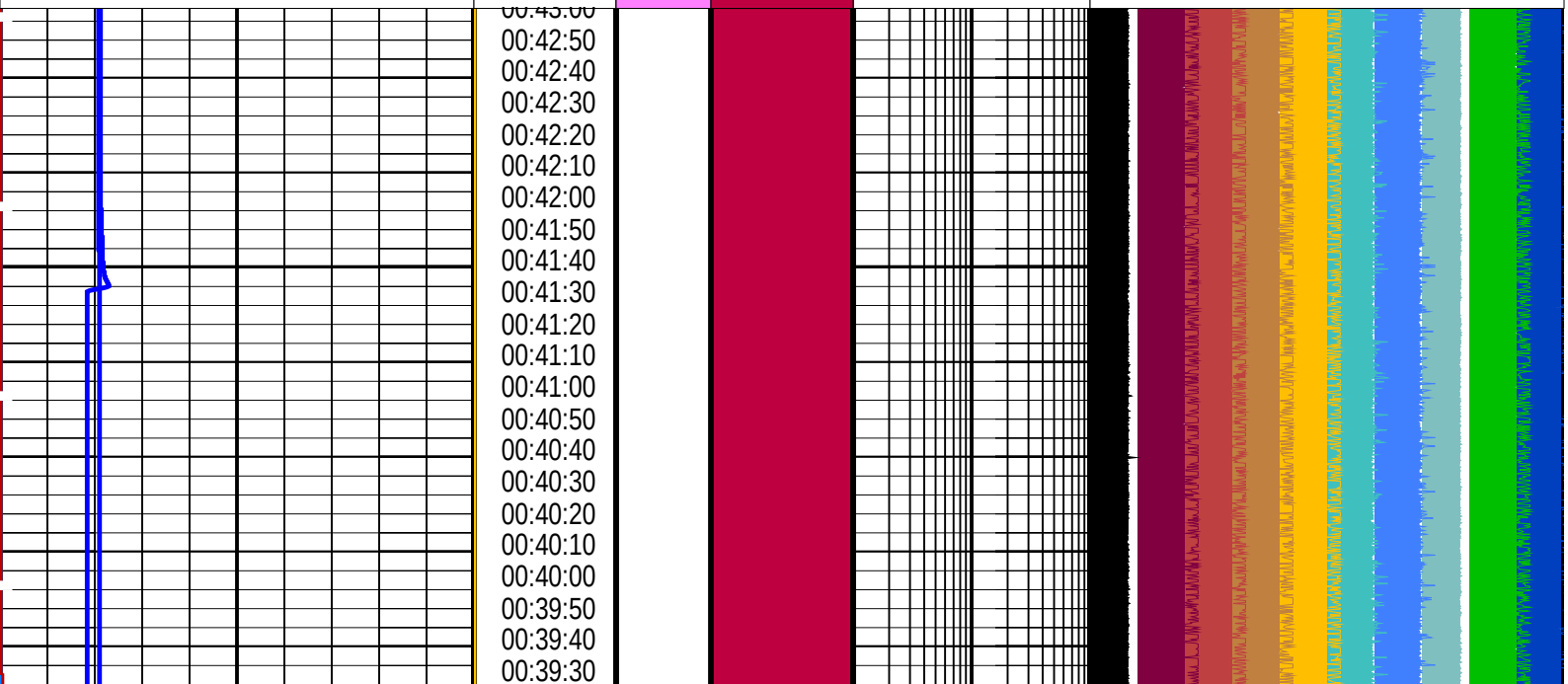
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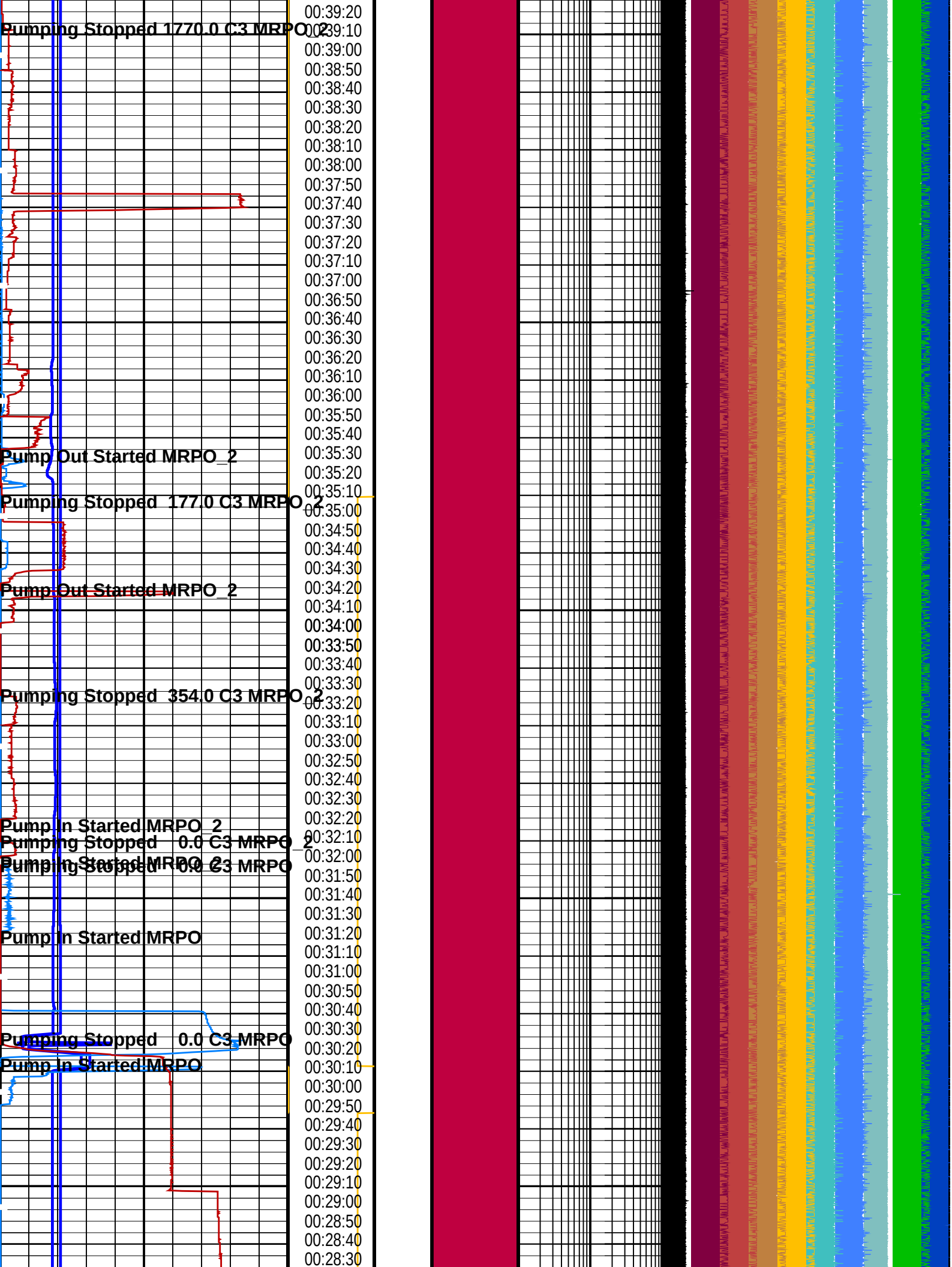
Elapsed Time (s)	Event Summary
2354.4	Pumping Stopped 1770.0 C3 Dual Pumpout Module (MRPO) 2
2131.8	Pump Out Started Dual Pumpout Module (MRPO) 2
2108.1	Pumping Stopped 177.0 C3 Dual Pumpout Module (MRPO) 2
2062.2	Pump Out Started Dual Pumpout Module (MRPO) 2
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1918.2	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1881.0	Pump In Started Dual Pumpout Module (MRPO)
1827.9	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1814.7	Pump In Started Dual Pumpout Module (MRPO)
1690.5	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1678.8	Pump In Started Dual Pumpout Module (MRPO) 2
1663.5	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1650.6	Pump Out Started Dual Pumpout Module (MRPO) 2
1635.0	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1601.4	Pump In Started Dual Pumpout Module (MRPO) 2
1561.8	Pumping Stopped 531.0 C3 Dual Pumpout Module (MRPO) 2
1467.6	Pump Out Started Dual Pumpout Module (MRPO) 2
1384.2	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1371.6	Pump In Started Dual Pumpout Module (MRPO) 2
1356.3	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1339.8	Pump Out Started Dual Pumpout Module (MRPO) 2
1325.1	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1310.1	Pump In Started Dual Pumpout Module (MRPO) 2
1277.4	Pumping Stopped 3186.0 C3 Dual Pumpout Module (MRPO) 2
824.1	Pump Out Started Dual Pumpout Module (MRPO) 2
762.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
752.1	Pump Out Started Dual Pumpout Module (MRPO)
671.4	Pumping Stopped 1770.0 C3 Dual Pumpout Module (MRPO) 2
476.1	Pump In Started Dual Pumpout Module (MRPO) 2
475.5	Pumping Stopped 2562.0 C3 Dual Pumpout Module (MRPO)
175.2	Pump In Started Dual Pumpout Module (MRPO)
174.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
165.0	Pump In Started Dual Pumpout Module (MRPO) 2
135.3	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
123.0	Pump In Started Dual Pumpout Module (MRPO)

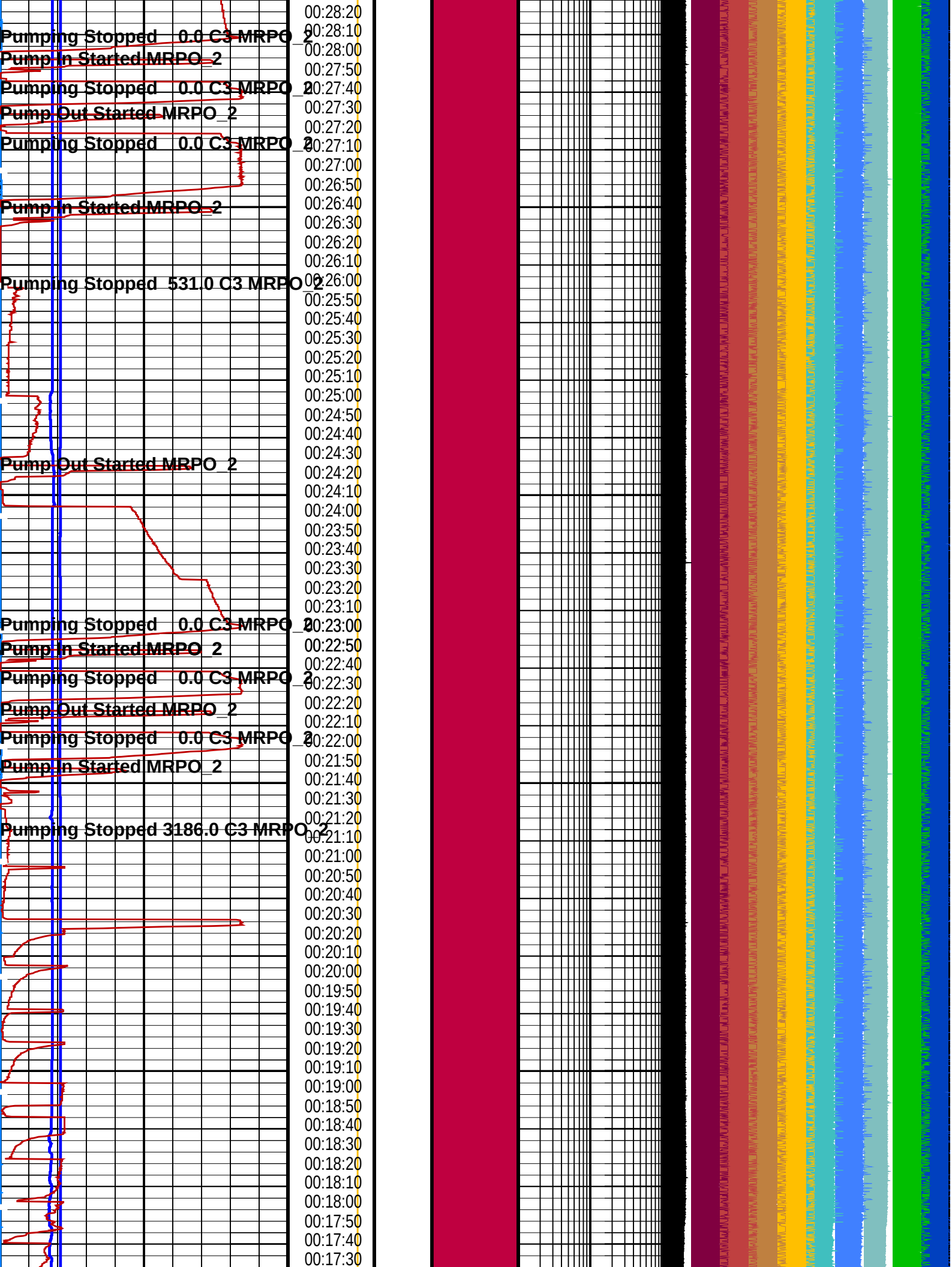
PIP SUMMARY

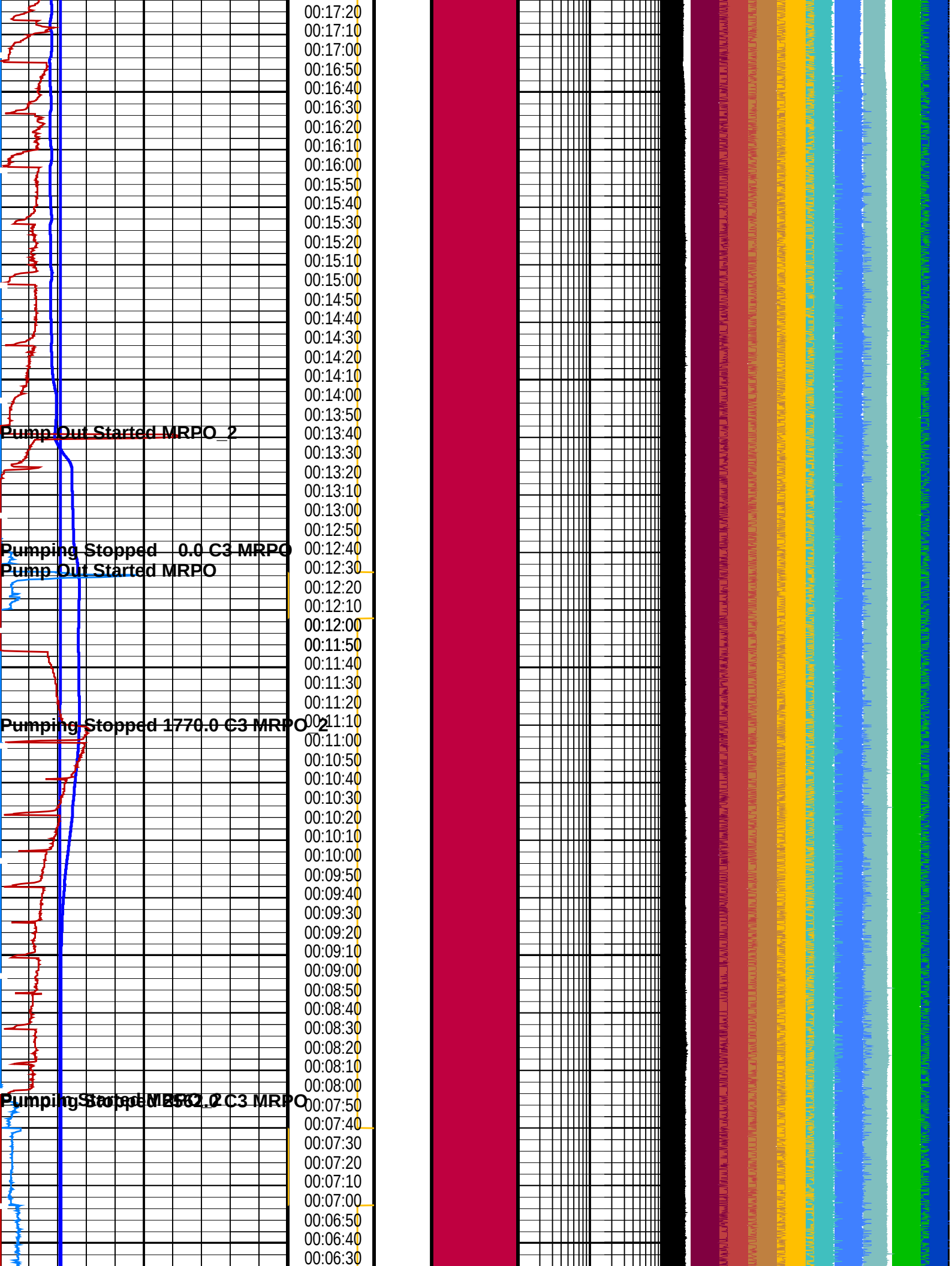
Time Mark Every 60 S

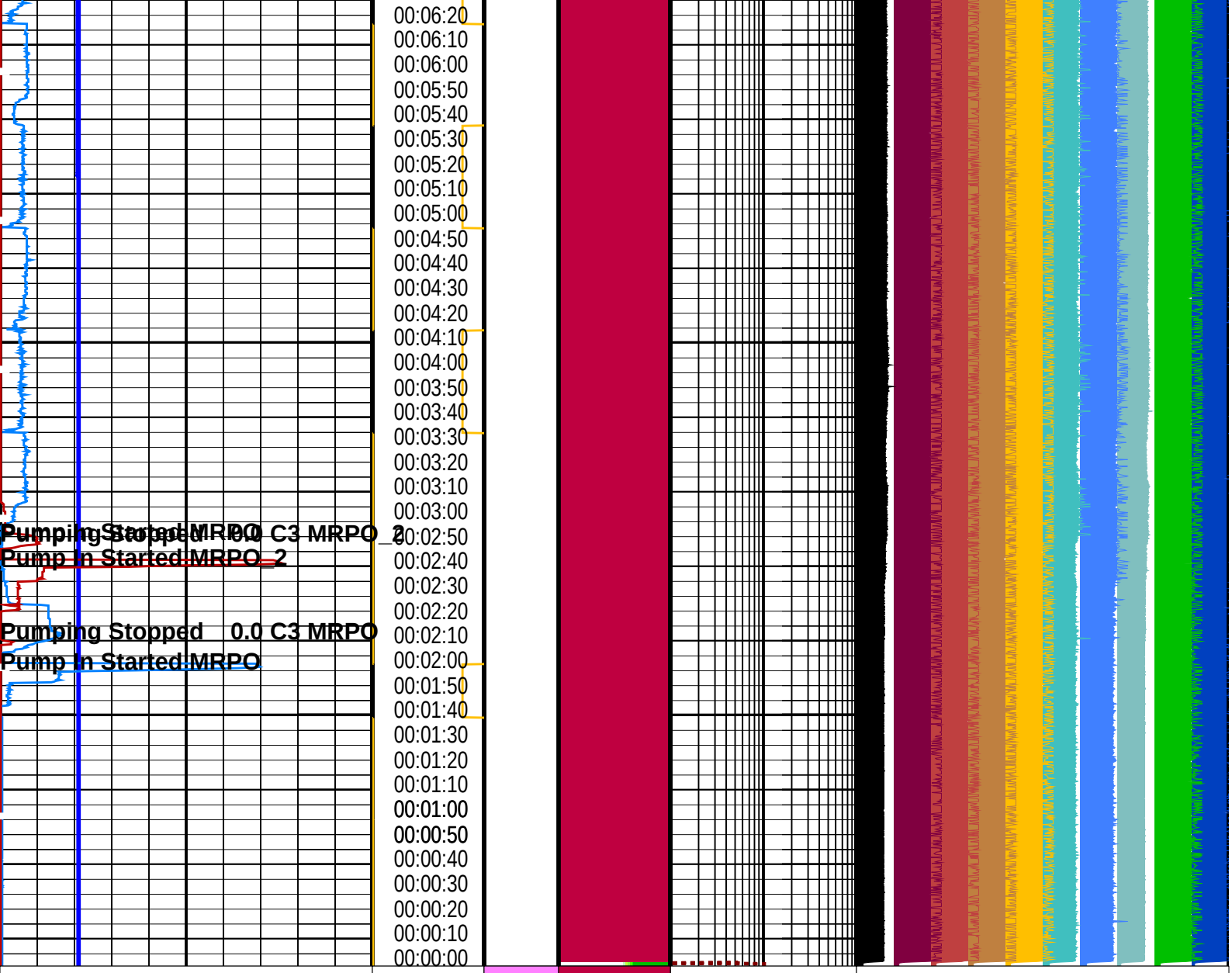
					LFA Optical Density Channel 9 (FAOD_LFA[9]) −36 (---- 4
					LFA Optical Density Channel 8 (FAOD_LFA[8]) −32 (---- 8
					LFA Optical Density Channel 7 (FAOD_LFA[7]) −28 (---- 12
					LFA Optical Density Channel 6 (FAOD_LFA[6]) −24 (---- 16
					LFA Optical Density Channel 5 (FAOD_LFA[5]) −20 (---- 20
MRPS 1 Flowline Fluid Resistivity (BFR1) 0 (OHMM) 2					LFA Optical Density Channel 4 (FAOD_LFA[4]) −16 (---- 24
MRPA Quartz Gauge Pressure (PAQP) 0 (PSIA) 5000					LFA Optical Density Channel 3 (FAOD_LFA[3]) −12 (---- 28
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 5000		High Gas	Oil		LFA Optical Density Channel 2 (FAOD_LFA[2]) −8 (---- 32
MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Solenoid 3 Status (POS3) 5 (---- 0	Medium Gas	Water	LFA Fluid Coloration (FCOL_LFA) (---- 0.000001 0.0001	LFA Optical Density Channel 1 (FAOD_LFA[1]) −4 (---- 36
MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	Elapsed Time (ETIM) (S)	Low Gas	Highly Absorbing Fluid	LFA Fluid Coloration (FCOL_LFA) 0.0001 (---- 0.01	LFA Optical Density Channel 0 (FAOD_LFA[0]) 0 (---- 40




Pumping Stopped 1770.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 177.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 354.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO
Pump In Started MRPO
Pumping Stopped 0.0 C3 MRPO
Pump In Started MRPO
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Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 531.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 3186.0 C3 MRPO_2
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00:17:40
00:17:30


Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO
Pump Out Started MRPO
Pumping Stopped 1770.0 C3 MRPO_2
Pumping Stopped 2562.0 C3 MRPO
00:17:20
00:17:10
00:17:00
00:16:50
00:16:40
00:16:30
00:16:20
00:16:10
00:16:00
00:15:50
00:15:40
00:15:30
00:15:20
00:15:10
00:15:00
00:14:50
00:14:40
00:14:30
00:14:20
00:14:10
00:14:00
00:13:50
00:13:40
00:13:30
00:13:20
00:13:10
00:13:00
00:12:50
00:12:40
00:12:30
00:12:20
00:12:10
00:12:00
00:11:50
00:11:40
00:11:30
00:11:20
00:11:10
00:11:00
00:10:50
00:10:40
00:10:30
00:10:20
00:10:10
00:10:00
00:09:50
00:09:40
00:09:30
00:09:20
00:09:10
00:09:00
00:08:50
00:08:40
00:08:30
00:08:20
00:08:10
00:08:00
00:07:50
00:07:40
00:07:30
00:07:20
00:07:10
00:07:00
00:06:50
00:06:40
00:06:30



MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000

MRPO Hydraulic Pressure (POHP2)
0 (PSIG) 5000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000

MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 5000

MRPS 1 Flowline Fluid Resistivity (BFR1)
0 (OHMM) 2

Elapsed Time (ETIM) (S)

MRPO Solenoid 3 Status (POS3)
5 (---- 0

Low Gas

Medium Gas

High Gas

Highly Absorbing Fluid

Water

Oil

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Fluid Coloration (FCOL_LFA)
(----
0.000001 0.0001

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

LFA Optical Density Channel 1 (FAOD_LFA[1])
-4 (---- 36

LFA Optical Density Channel 2 (FAOD_LFA[2])
-8 (---- 32

LFA Optical Density Channel 3 (FAOD_LFA[3])
-12 (---- 28

LFA Optical Density Channel 4 (FAOD_LFA[4])
-16 (---- 24

LFA Optical Density Channel 5 (FAOD_LFA[5])
-20 (---- 20

LFA Optical Density Channel 6 (FAOD_LFA[6])

−24	(----	16

LFA Optical Density Channel 7 (FAOD_LFA[7])

−28	(----	12

LFA Optical Density Channel 8 (FAOD_LFA[8])

−32	(----	8

LFA Optical Density Channel 9 (FAOD_LFA[9])

−36	(----	4

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
CEXP_LFA	LFA Coloration Exponent	4.6	
DCDW_LFA	LFA Decolor and Dewater Allow/Disallow for Gas Oil Ratio	ALLOW	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
ODTMP_LFA	LFA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: LFA **Vertical Scale: 1" per 60S** **Graphics File Created: 17−Feb−2007 21:43**

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_100LTP	FN:111	PRODUCER	17−Feb−2007 21:43

Output DLIS Files

DEFAULT	MDT_OFA_100LTP	FN:111	PRODUCER	17−Feb−2007 21:43	2036.1 FT	21.5 FT

Elapsed	Event Summary

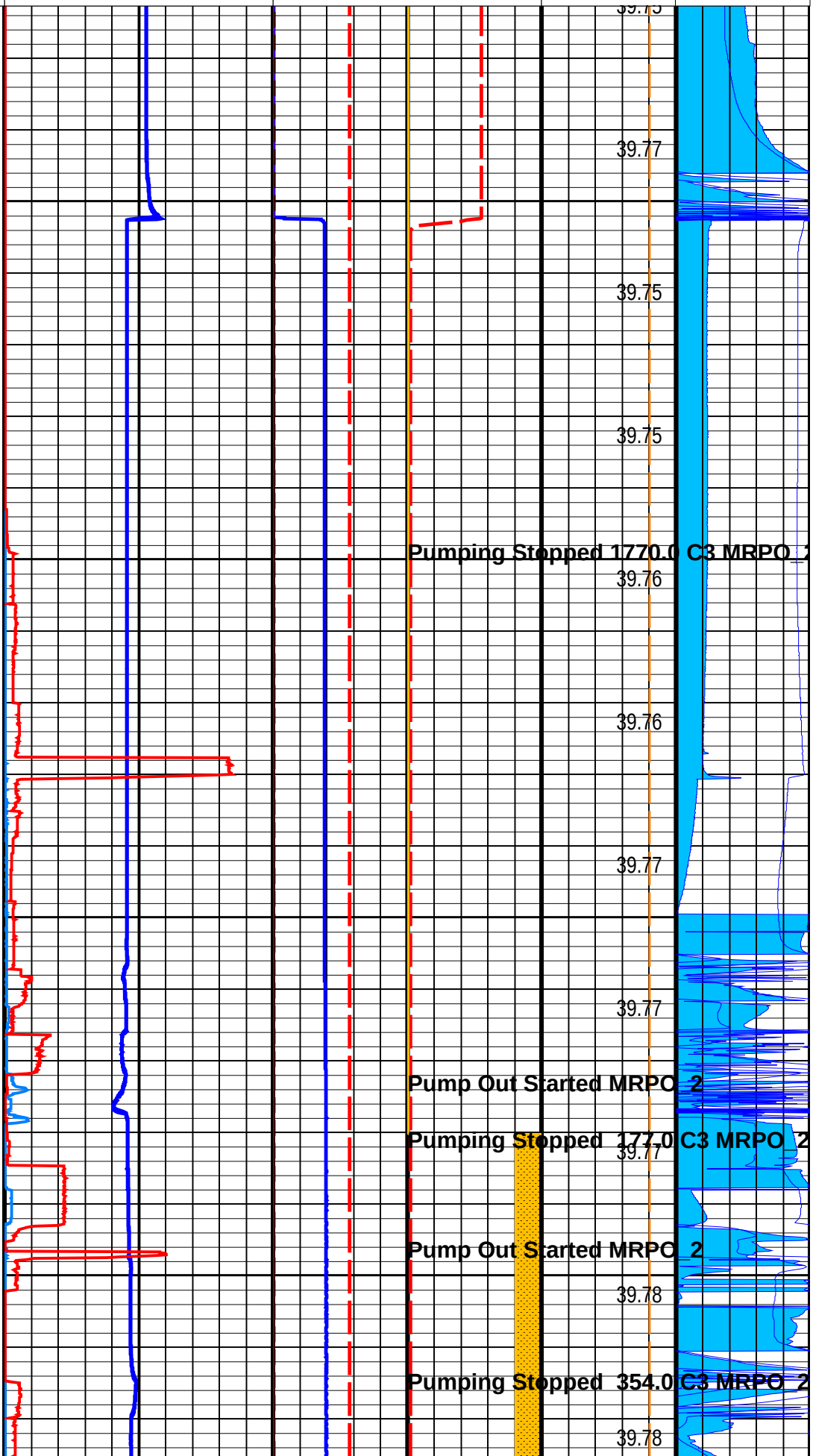
Time (s)	Event Summary
2354.4	Pumping Stopped 1770.0 C3 Dual Pumpout Module (MRPO) 2
2131.8	Pump Out Started Dual Pumpout Module (MRPO) 2
2108.1	Pumping Stopped 177.0 C3 Dual Pumpout Module (MRPO) 2
2062.2	Pump Out Started Dual Pumpout Module (MRPO) 2
2007.0	Pumping Stopped 354.0 C3 Dual Pumpout Module (MRPO) 2
1939.2	Pump In Started Dual Pumpout Module (MRPO) 2
1930.8	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1920.0	Pump In Started Dual Pumpout Module (MRPO) 2
1918.2	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1881.0	Pump In Started Dual Pumpout Module (MRPO)
1827.9	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1814.7	Pump In Started Dual Pumpout Module (MRPO)
1690.5	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1678.8	Pump In Started Dual Pumpout Module (MRPO) 2
1663.5	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1650.6	Pump Out Started Dual Pumpout Module (MRPO) 2
1635.0	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1601.4	Pump In Started Dual Pumpout Module (MRPO) 2
1561.8	Pumping Stopped 531.0 C3 Dual Pumpout Module (MRPO) 2
1467.6	Pump Out Started Dual Pumpout Module (MRPO) 2
1384.2	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1371.6	Pump In Started Dual Pumpout Module (MRPO) 2
1356.3	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1339.8	Pump Out Started Dual Pumpout Module (MRPO) 2
1325.1	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1310.1	Pump In Started Dual Pumpout Module (MRPO) 2
1277.4	Pumping Stopped 3186.0 C3 Dual Pumpout Module (MRPO) 2
824.1	Pump Out Started Dual Pumpout Module (MRPO) 2
762.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
752.1	Pump Out Started Dual Pumpout Module (MRPO)
671.4	Pumping Stopped 1770.0 C3 Dual Pumpout Module (MRPO) 2
476.1	Pump In Started Dual Pumpout Module (MRPO) 2
475.5	Pumping Stopped 2562.0 C3 Dual Pumpout Module (MRPO)
175.2	Pump In Started Dual Pumpout Module (MRPO)
174.6	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
165.0	Pump In Started Dual Pumpout Module (MRPO) 2
135.3	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
123.0	Pump In Started Dual Pumpout Module (MRPO)

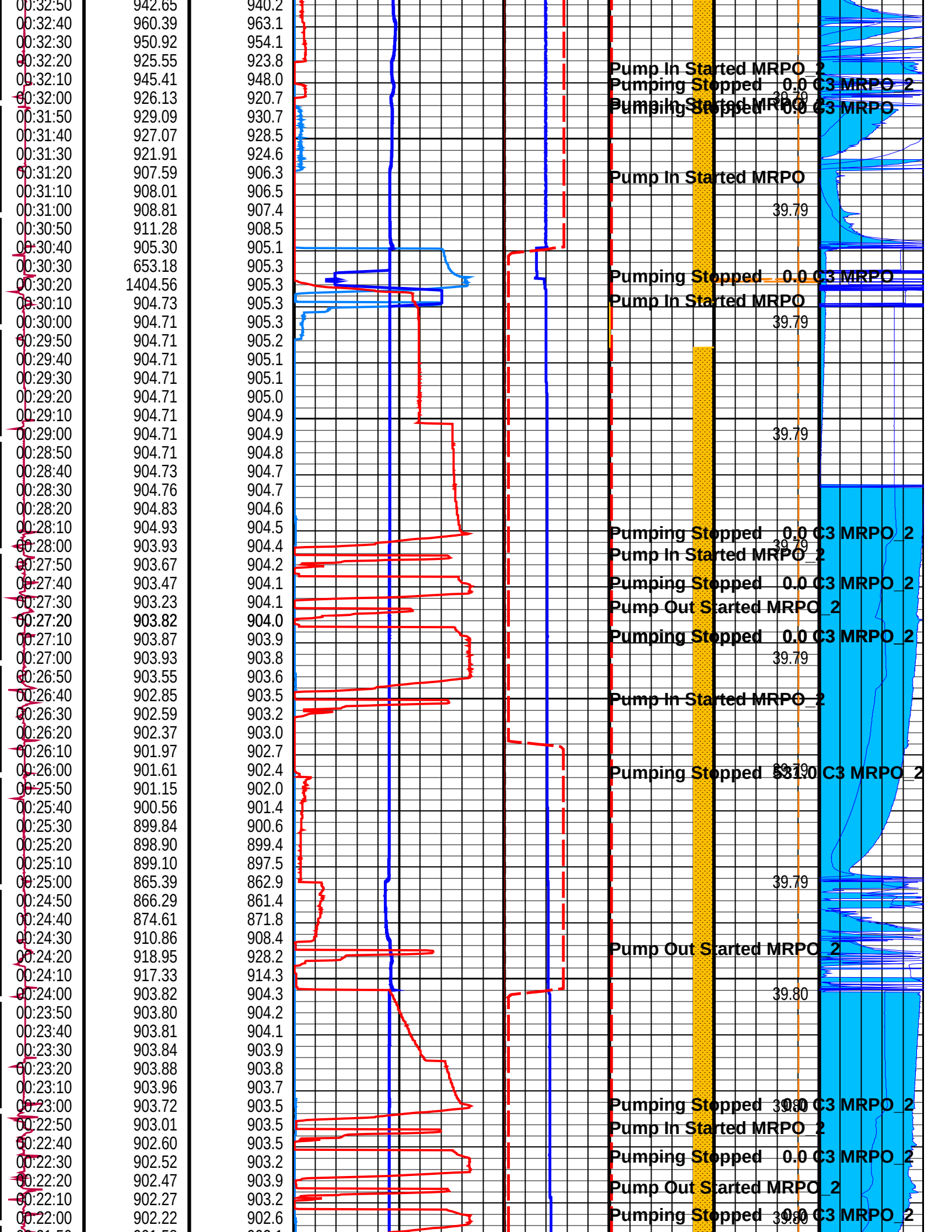
PIP SUMMARY

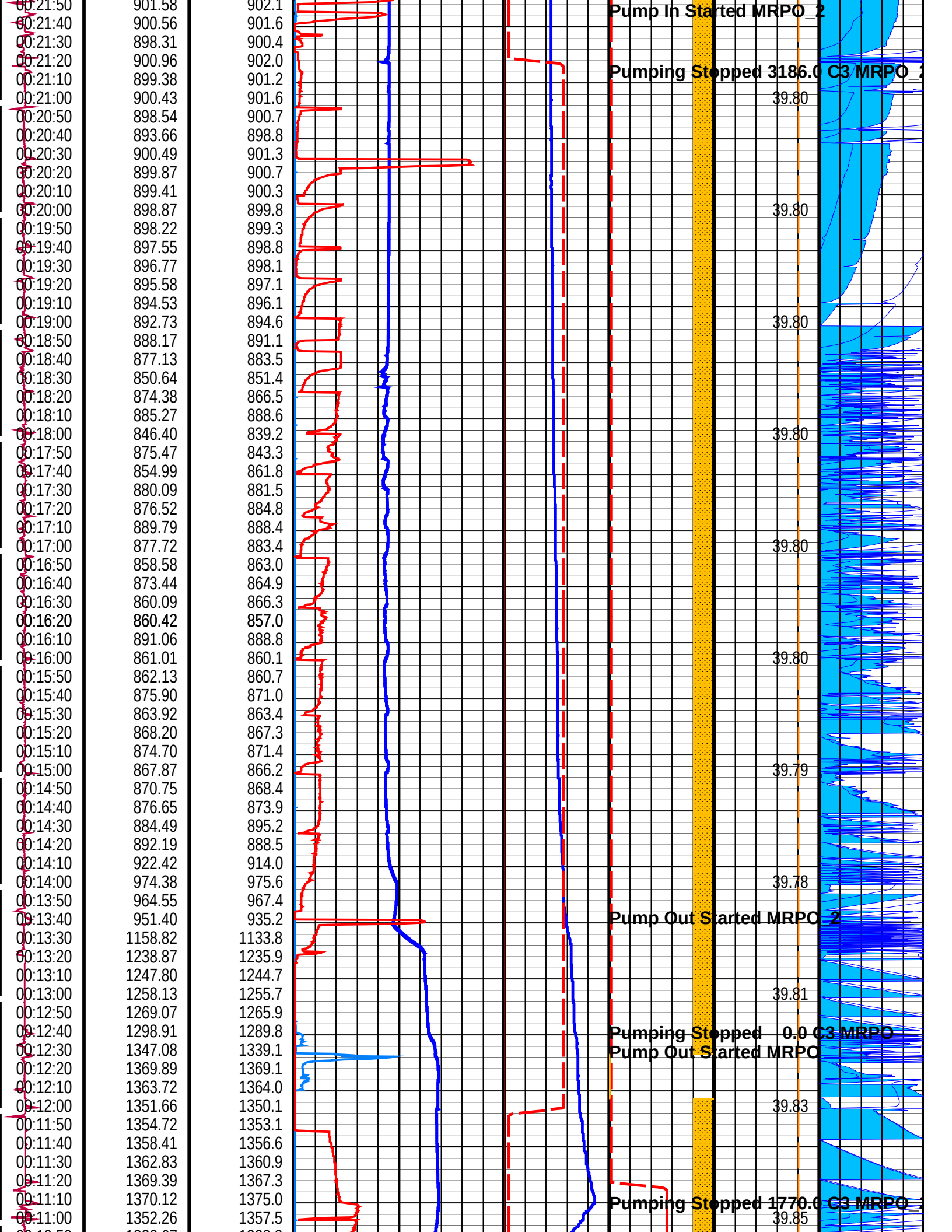
Time Mark Every 60 S

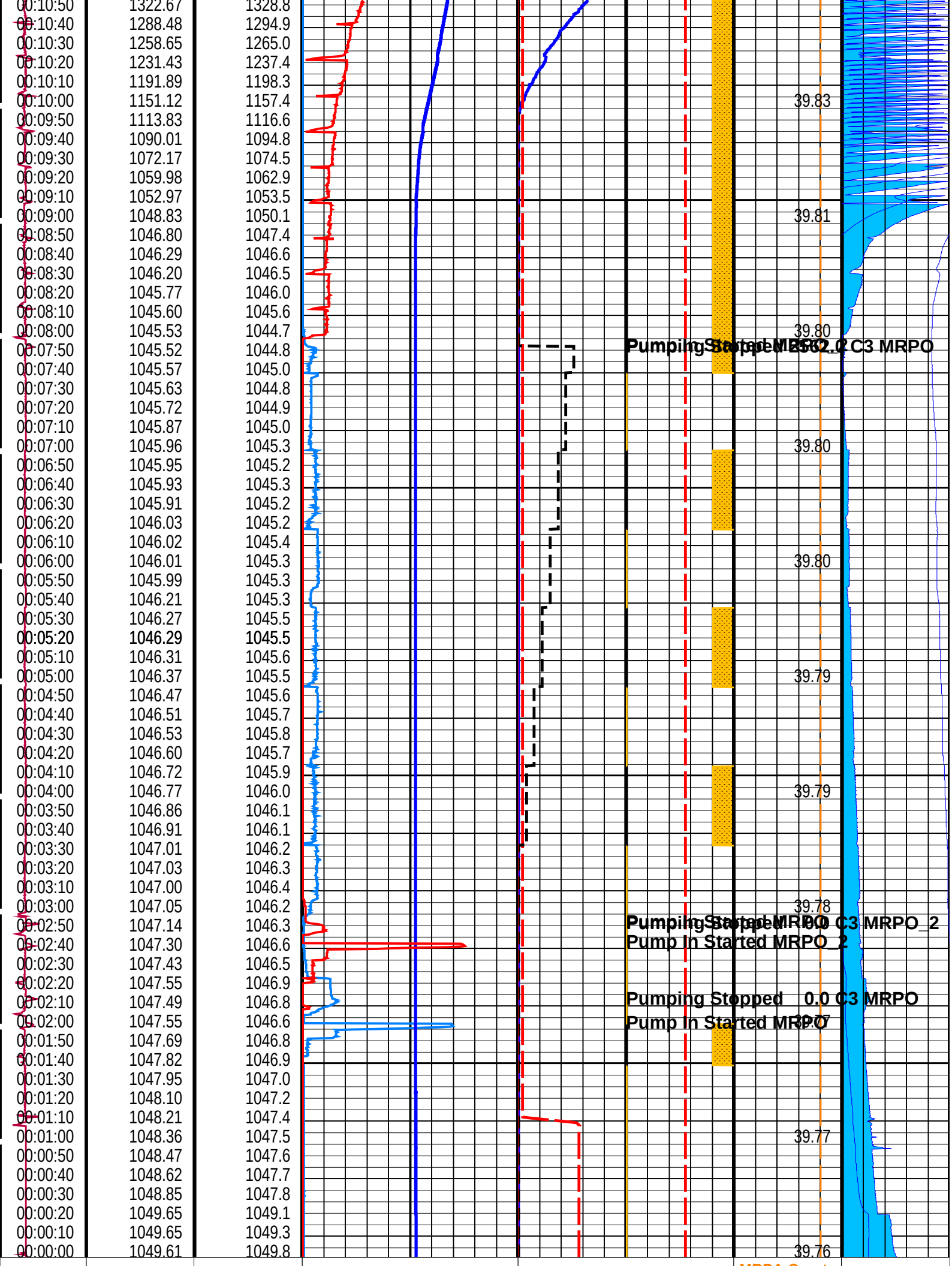
	MRPA Quartz Pressure (PAQP) 0 (PSIA) 2000	MRPA Auto deflate status (PAAD) 0 (----- 5	MRPO Solenoid 3 Status (POS3) 5 (----- 0				
	MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Pump Volume (POPV) 0 (C3) 10000					
MRPC 50 V Supply (50V) 30 (V) 100	MRPA SG Pressure (PASG) 0 (PSIA) 2000	MRPA Interval Valve Position (PAVP) -5 (----- 250	MRPA Inflate Valve Position (PAFP) -5 (----- 250	MRPA Quartz Temperature (PAQT) (DEGF)	MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10		

Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)
00:42:50	1050.80	1050.0
00:42:40	1051.06	1050.6
00:42:30	1051.37	1050.5
00:42:20	1051.85	1050.6
00:42:10	1052.87	1051.2
00:42:00	1054.86	1052.7
00:41:50	1067.83	1061.7
00:41:40	1083.88	1077.3
00:41:30	907.05	907.1
00:41:20	906.66	907.1
00:41:10	906.64	907.0
00:41:00	906.62	907.0
00:40:50	906.64	907.0
00:40:40	906.62	907.0
00:40:30	906.63	907.0
00:40:20	906.63	907.0
00:40:10	906.64	907.0
00:40:00	906.63	907.0
00:39:50	906.63	907.0
00:39:40	906.60	907.0
00:39:30	906.58	907.0
00:39:20	906.57	907.0
00:39:10	906.56	907.0
00:39:00	906.58	907.0
00:38:50	906.63	907.0
00:38:40	906.68	906.9
00:38:30	906.73	906.9
00:38:20	906.79	906.8
00:38:10	906.85	906.8
00:38:00	906.91	906.7
00:37:50	906.98	907.1
00:37:40	906.22	908.5
00:37:30	905.82	906.2
00:37:20	905.66	906.0
00:37:10	905.47	905.7
00:37:00	905.26	905.4
00:36:50	905.16	905.1
00:36:40	905.23	904.6
00:36:30	905.61	904.0
00:36:20	888.53	900.3
00:36:10	893.21	890.5
00:36:00	900.65	900.8
00:35:50	868.69	868.7
00:35:40	876.53	875.3
00:35:30	875.76	881.8
00:35:20	879.46	827.1
00:35:10	913.52	913.4
00:35:00	913.39	913.8
00:34:50	916.17	914.4
00:34:40	916.85	916.5
00:34:30	922.51	919.8
00:34:20	922.80	920.3
00:34:10	934.87	935.1
00:34:00	934.80	934.9
00:33:50	934.78	933.7
00:33:40	937.42	934.2
00:33:30	955.15	948.7
00:33:20	966.50	969.8
00:33:10	938.21	938.3
00:33:00	938.38	936.1




Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO
Pumping Stopped 0.0 C3 MRPO
Pump In Started MRPO
Pumping Stopped 0.0 C3 MRPO
Pump In Started MRPO
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2


Pump In Started MRPO_2
Pumping Stopped 3186.0 C3 MRPO_2
39.80
39.80
39.80
39.80
39.79
39.78
Pump Out Started MRPO_2
39.81
Pumping Stopped 0.0 C3 MRPO
Pump Out Started MRPO
39.83
Pumping Stopped 1770.0 C3 MRPO_2
39.85


39.83
39.81
39.80
Pumping Stopped MRPO_2 0.0 C3 MRPO
39.80
39.80
39.79
39.79
39.78
Pumping Stopped MRPO_2 0.0 C3 MRPO_2
Pump In Started MRPO_2
Pumping Stopped 0.0 C3 MRPO
Pump In Started MRPO_2
39.77
39.76

Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)	MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000	MRPA Quartz Temperature (PAQT) (DEGF) 100 150	MRPA SG One's (PSGU) 0 (---- 10
MRPC 50 V Supply (50V) 30 (V) 100			MRPA SG Pressure (PASG) 0 (PSIA) 2000	MRPA Interval Valve Position (PAVP) −5 (---- 250	MRPA Inflate Valve Position (PAFP) −5 (---- 250	MRPA Quartz Temperature (PAQT) (DEGF)	MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10
			MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Pump Volume (POPV) 0 (C3) 10000		
			MRPA Quartz Pressure (PAQP) 0 (PSIA) 2000	MRPA Auto deflate status (PAAD) 0 (---- 5	MRPO Solenoid 3 Status (POS3) 5 (---- 0	

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: PACKER Vertical Scale: 1" per 60S Graphics File Created: 17−Feb−2007 21:43

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT MDT_OFA_100LTP FN:111 PRODUCER 17−Feb−2007 21:43

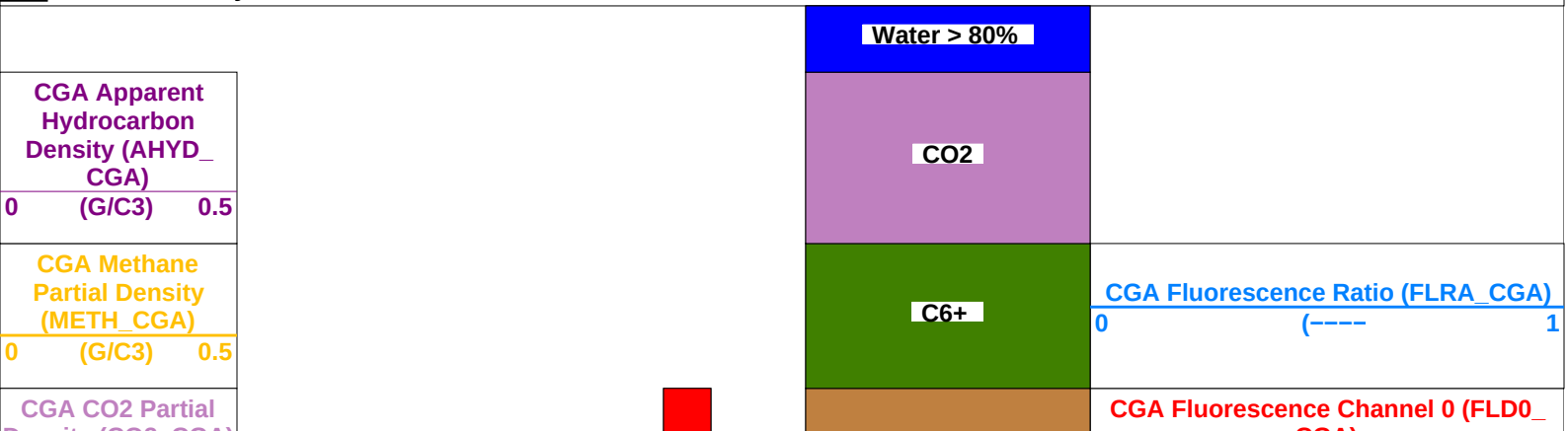
Output DLIS Files

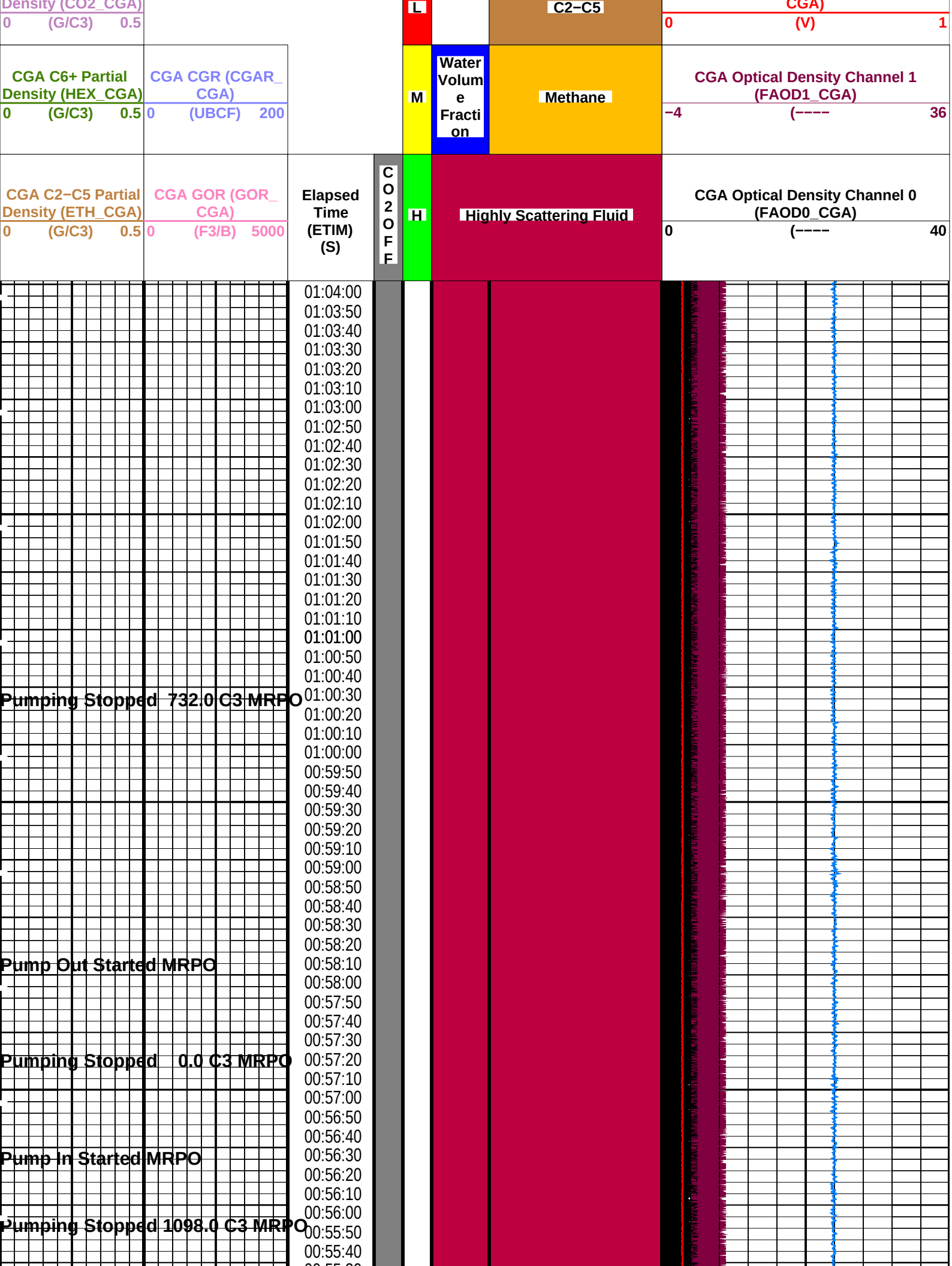
DEFAULT MDT_OFA_101LTP FN:112 PRODUCER 17−Feb−2007 22:41 2012.0 FT 32.1 FT

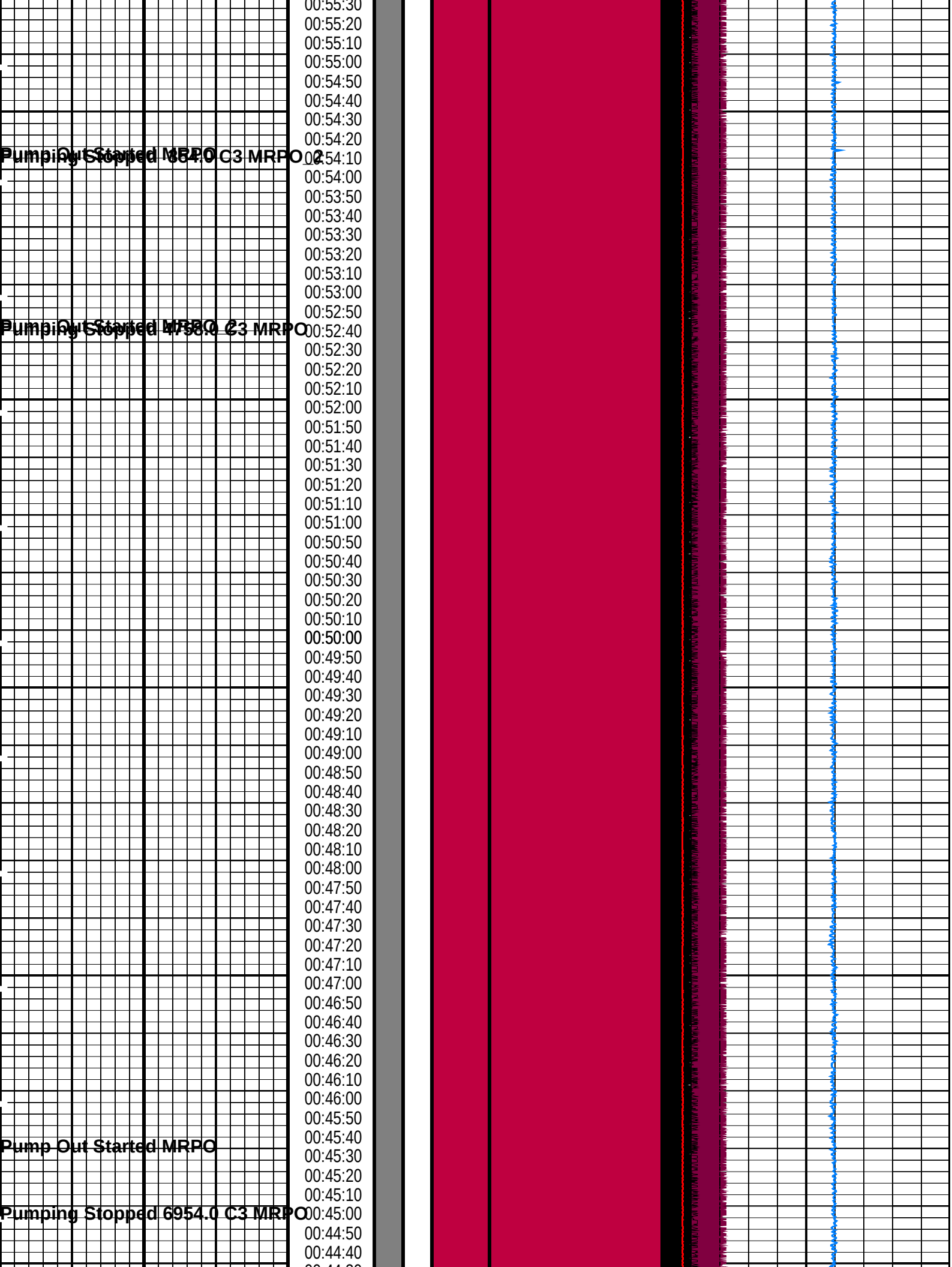
Elapsed Time (s)	Event Summary
3623.1	Pumping Stopped 732.0 C3 Dual Pumpout Module (MRPO)
3485.1	Pump Out Started Dual Pumpout Module (MRPO)
3435.3	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
3384.3	Pump In Started Dual Pumpout Module (MRPO)
3348.9	Pumping Stopped 1098.0 C3 Dual Pumpout Module (MRPO)
3247.8	Pump Out Started Dual Pumpout Module (MRPO)
3246.6	Pumping Stopped 354.0 C3 Dual Pumpout Module (MRPO) 2
3158.1	Pump Out Started Dual Pumpout Module (MRPO) 2
3156.9	Pumping Stopped 4758.0 C3 Dual Pumpout Module (MRPO)
2730.9	Pump Out Started Dual Pumpout Module (MRPO)
2696.4	Pumping Stopped 6954.0 C3 Dual Pumpout Module (MRPO)
1884.6	Pump Out Started Dual Pumpout Module (MRPO)
1866.0	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1848.9	Pump In Started Dual Pumpout Module (MRPO)
1826.1	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1806.9	Pump Out Started Dual Pumpout Module (MRPO)
1782.3	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1761.6	Pump In Started Dual Pumpout Module (MRPO)
1714.2	Pumping Stopped 354.0 C3 Dual Pumpout Module (MRPO) 2
1531.5	Pump Out Started Dual Pumpout Module (MRPO) 2
1516.8	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1492.2	Pump In Started Dual Pumpout Module (MRPO) 2
1467.9	Pumping Stopped 1239.0 C3 Dual Pumpout Module (MRPO) 2
1096.2	Pump Out Started Dual Pumpout Module (MRPO) 2
1044.9	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1035.3	Pump Out Started Dual Pumpout Module (MRPO)
978.9	Pumping Stopped 6726.0 C3 Dual Pumpout Module (MRPO) 2
120.3	Pump In Started Dual Pumpout Module (MRPO) 2
83.4	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
79.8	Pump In Started Dual Pumpout Module (MRPO) 2

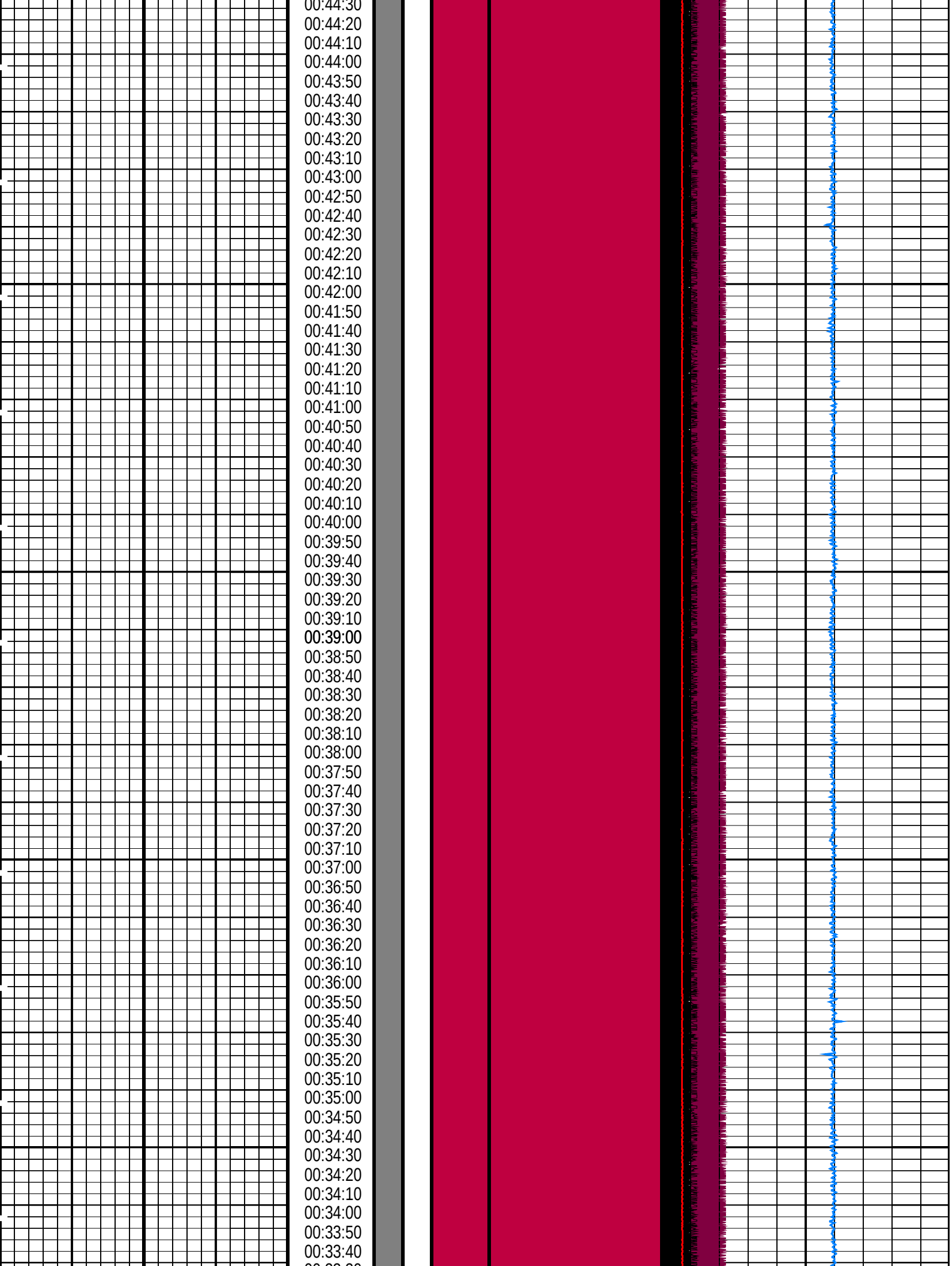
PIP SUMMARY

Time Mark Every 60 S

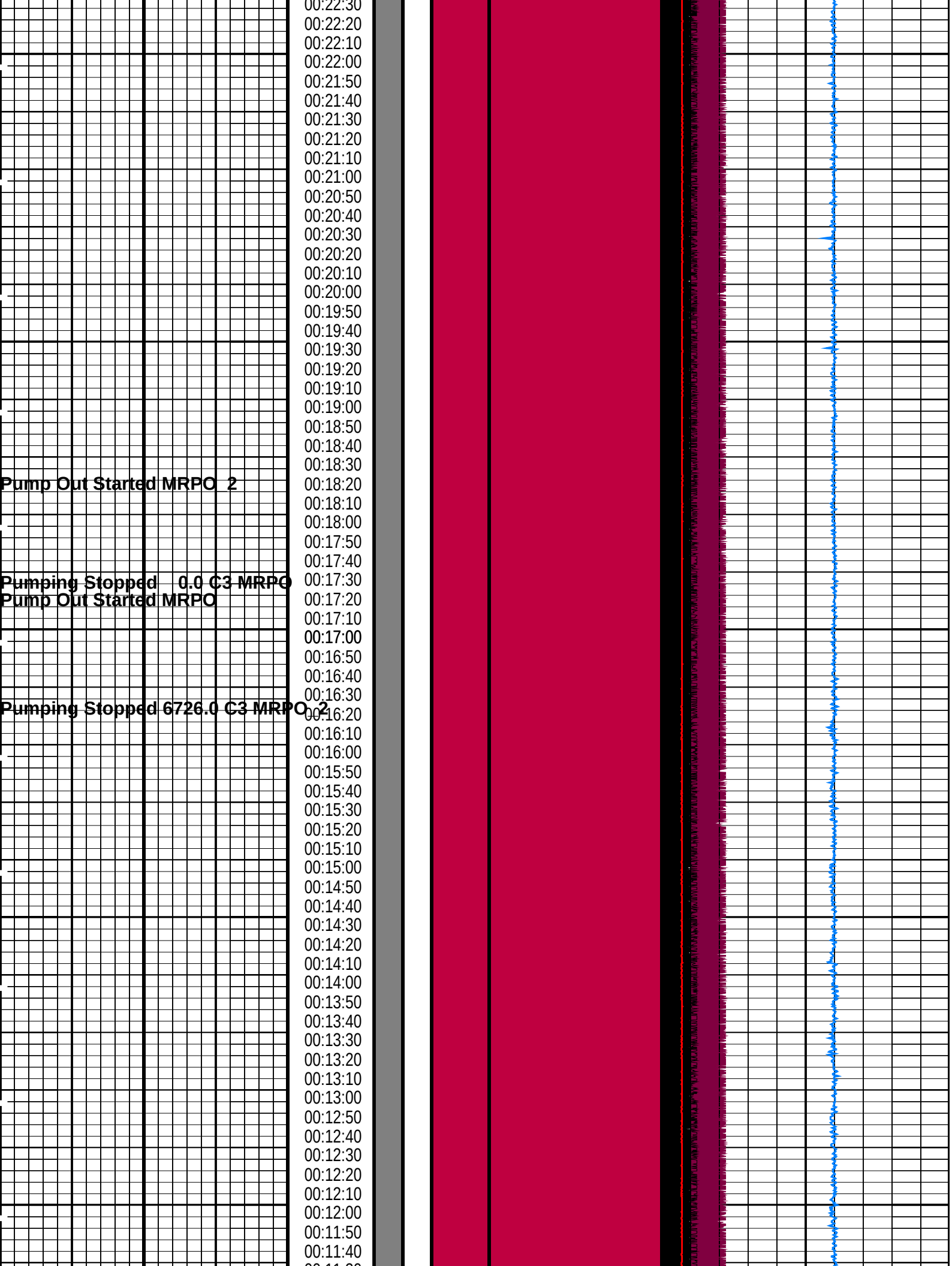


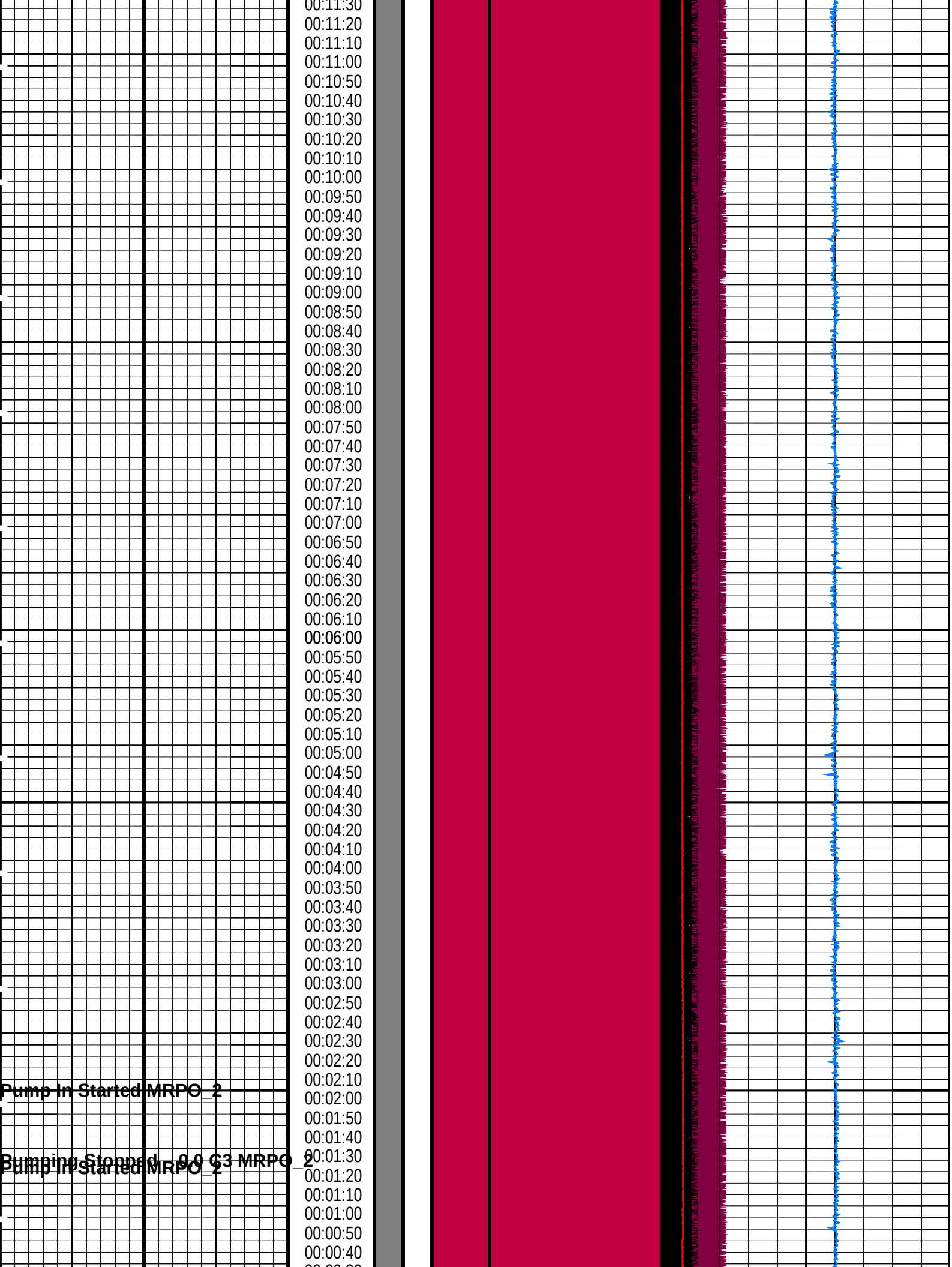

Density (CO2_CGA)
0 (G/C3) 0.5
L
C2−C5
CGA)
0 (V) 1
CGA C6+ Partial Density (HEX_CGA)
0 (G/C3) 0.5
CGA CGR (CGAR_CGA)
0 (UBCF) 200
M
Water Volume Fraction
Methane
CGA Optical Density Channel 1 (FAOD1_CGA)
−4 (−−−− 36
CGA C2−C5 Partial Density (ETH_CGA)
0 (G/C3) 0.5
CGA GOR (GOR_CGA)
0 (F3/B) 5000
Elapsed Time (ETIM) (S)
CO2OFF
H
Highly Scattering Fluid
CGA Optical Density Channel 0 (FAOD0_CGA)
0 (−−−− 40
01:04:00
01:03:50
01:03:40
01:03:30
01:03:20
01:03:10
01:03:00
01:02:50
01:02:40
01:02:30
01:02:20
01:02:10
01:02:00
01:01:50
01:01:40
01:01:30
01:01:20
01:01:10
01:01:00
01:00:50
01:00:40
Pumping Stopped 732.0 C3 MRPO
01:00:30
01:00:20
01:00:10
01:00:00
00:59:50
00:59:40
00:59:30
00:59:20
00:59:10
00:59:00
00:58:50
00:58:40
00:58:30
00:58:20
Pump Out Started MRPO
00:58:10
00:58:00
00:57:50
00:57:40
00:57:30
Pumping Stopped 0.0 C3 MRPO
00:57:20
00:57:10
00:57:00
00:56:50
00:56:40
Pump In Started MRPO
00:56:30
00:56:20
00:56:10
00:56:00
Pumping Stopped 1098.0 C3 MRPO
00:55:50
00:55:40

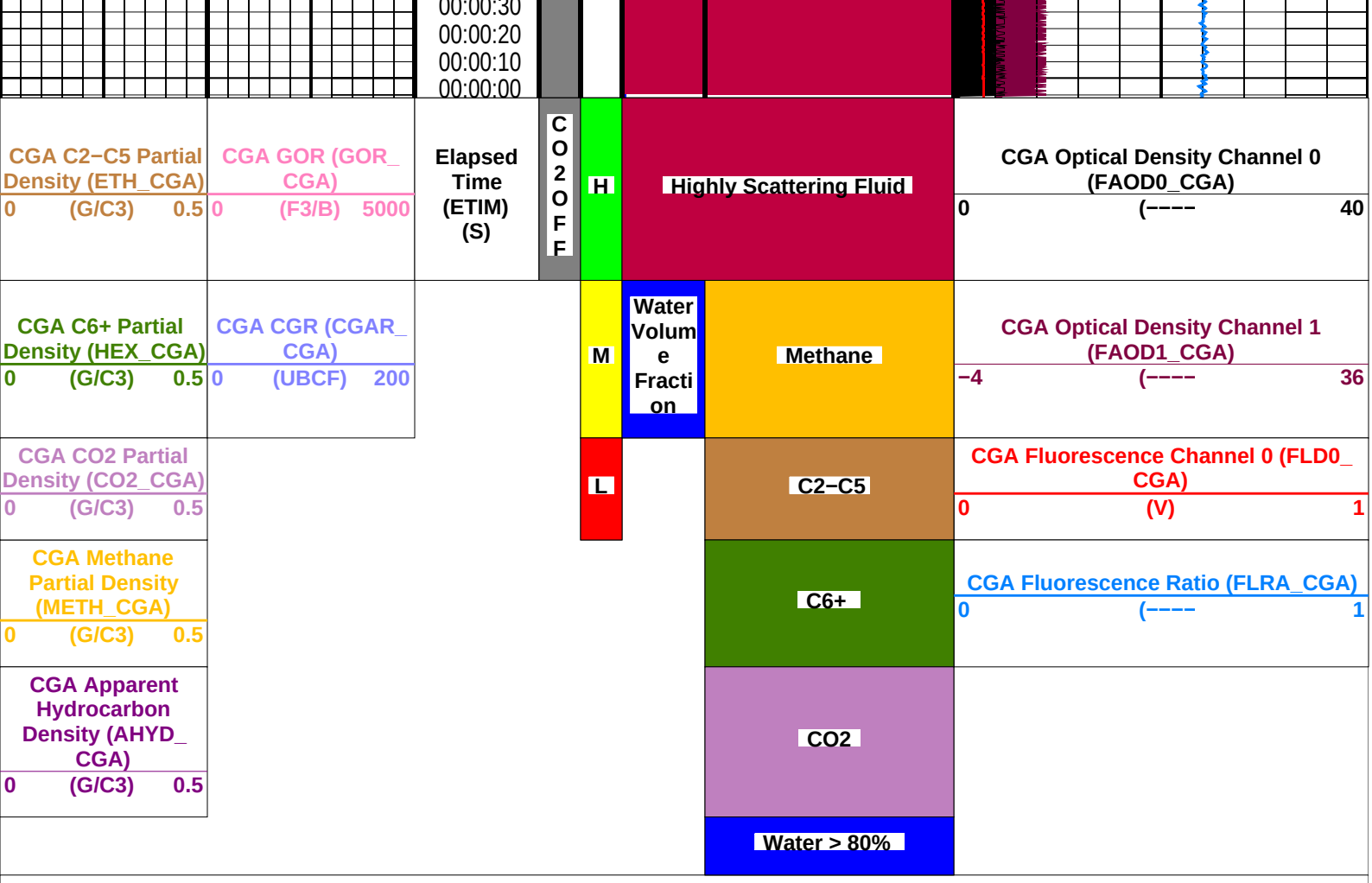

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Pumping Stopped 6954.0 C3 MRPO 2
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Pumping Stopped 4758.0 C3 MRPO
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Pumping Stopped 6954.0 C3 MRPO
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Pump In Started MRPO_2
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Pumping Stopped 1239.0 C3 MRPO_2
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Pump In Started MRPO_2
Pumping Stopped_0.0 C3 MRPO_2
Pump In Started MRPO_2



Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	CGA: Condensate & Gas Analyzer		
FA2M_CGA	CGA CO2 Allow/Disallow Mode	ALLOW	
FADM_CGA	CGA Dew Detection Allow/Disallow Mode	ALLOW	
FAGM_CGA	CGA GOR Allow/Disallow Mode	ALLOW	
FAODW_CGA	CGA Water Absorption Spectra	** V **	
FAPC_CGA	CGA Path Correction Coefficient	1.0474	
FAPM_CGA	CGA Composition Allow/Disallow Mode	ALLOW	
FATCM_CGA	CGA Temp. Coef. Measure Mode	** V **	
FATCS_CGA	CGA Temp. Coef. Source Mode	** V **	
HAPI_CGA	CGA Hydrocarbon API	35	DAPI
MFGCAL_STATUS_CGA	CGA Manufacturing Calibration Coefficient Status	VALID	
ODTMP_CGA	CGA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
TCPS_STATUS_CGA	CGA Temperature Compensation Coefficient Status	VALID	
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT

Format: CGA_Station Vertical Scale: 1" per 60S Graphics File Created: 17−Feb−2007 22:41

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT MDT_OFA_101LTP FN:112 PRODUCER 17−Feb−2007 22:41 2012.0 FT 32.1 FT

Elapsed Time (s)	Event Summary
3623.1	Pumping Stopped 732.0 C3 Dual Pumpout Module (MRPO)
3485.1	Pump Out Started Dual Pumpout Module (MRPO)
3435.3	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
3384.3	Pump In Started Dual Pumpout Module (MRPO)
3348.9	Pumping Stopped 1098.0 C3 Dual Pumpout Module (MRPO)
3247.8	Pump Out Started Dual Pumpout Module (MRPO)
3246.6	Pumping Stopped 354.0 C3 Dual Pumpout Module (MRPO) 2
3158.1	Pump Out Started Dual Pumpout Module (MRPO) 2
3156.9	Pumping Stopped 4758.0 C3 Dual Pumpout Module (MRPO)
2730.9	Pump Out Started Dual Pumpout Module (MRPO)
2696.4	Pumping Stopped 6954.0 C3 Dual Pumpout Module (MRPO)
1884.6	Pump Out Started Dual Pumpout Module (MRPO)
1866.0	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1848.9	Pump In Started Dual Pumpout Module (MRPO)
1826.1	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1806.9	Pump Out Started Dual Pumpout Module (MRPO)
1782.3	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1761.6	Pump In Started Dual Pumpout Module (MRPO)
1714.2	Pumping Stopped 354.0 C3 Dual Pumpout Module (MRPO) 2
1531.5	Pump Out Started Dual Pumpout Module (MRPO) 2
1516.8	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1492.2	Pump In Started Dual Pumpout Module (MRPO) 2
1467.9	Pumping Stopped 1239.0 C3 Dual Pumpout Module (MRPO) 2
1096.2	Pump Out Started Dual Pumpout Module (MRPO) 2
1044.9	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1035.3	Pump Out Started Dual Pumpout Module (MRPO)
978.9	Pumping Stopped 6726.0 C3 Dual Pumpout Module (MRPO) 2
120.3	Pump In Started Dual Pumpout Module (MRPO) 2
83.4	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
79.8	Pump In Started Dual Pumpout Module (MRPO) 2

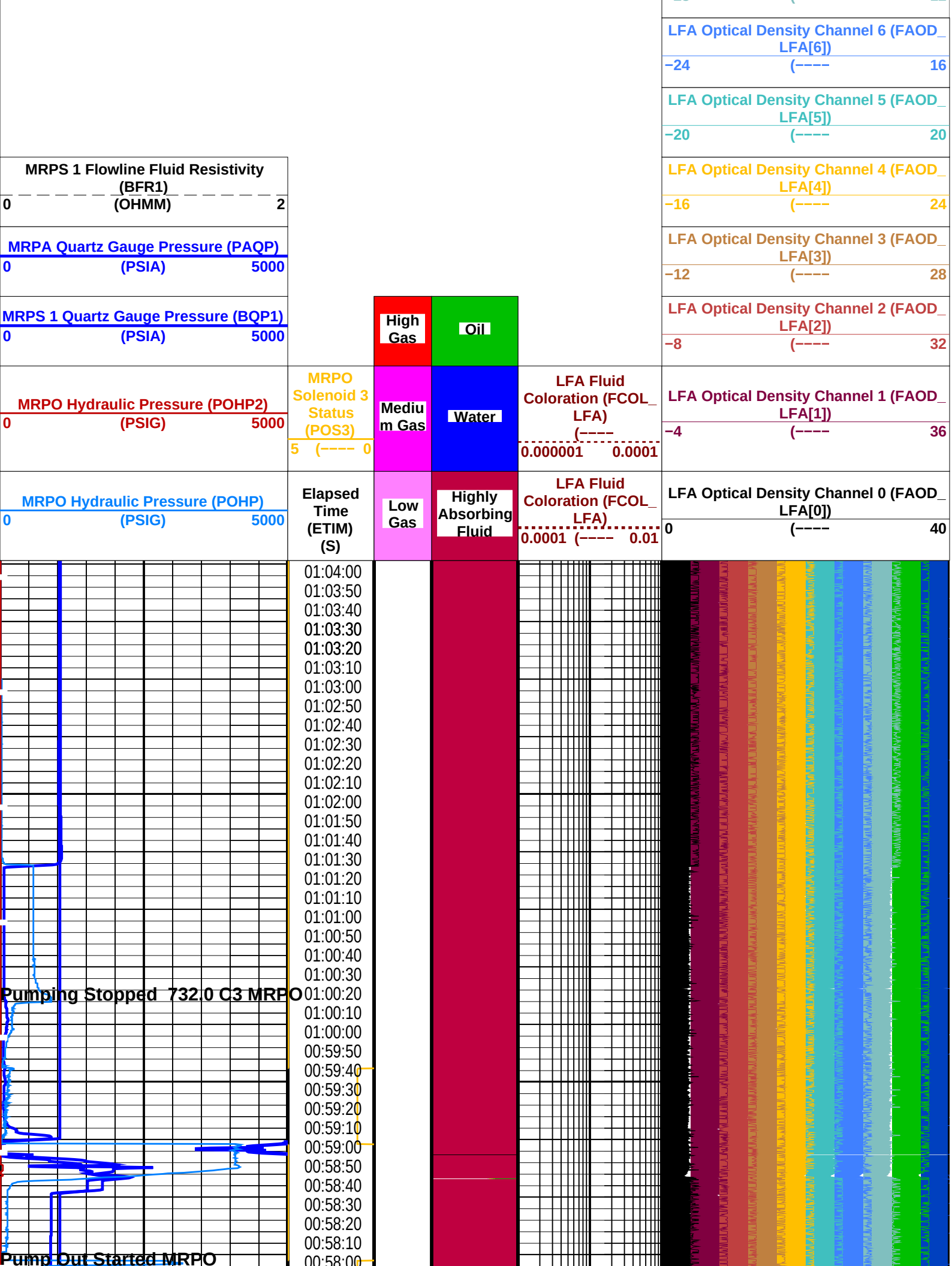
PIP SUMMARY

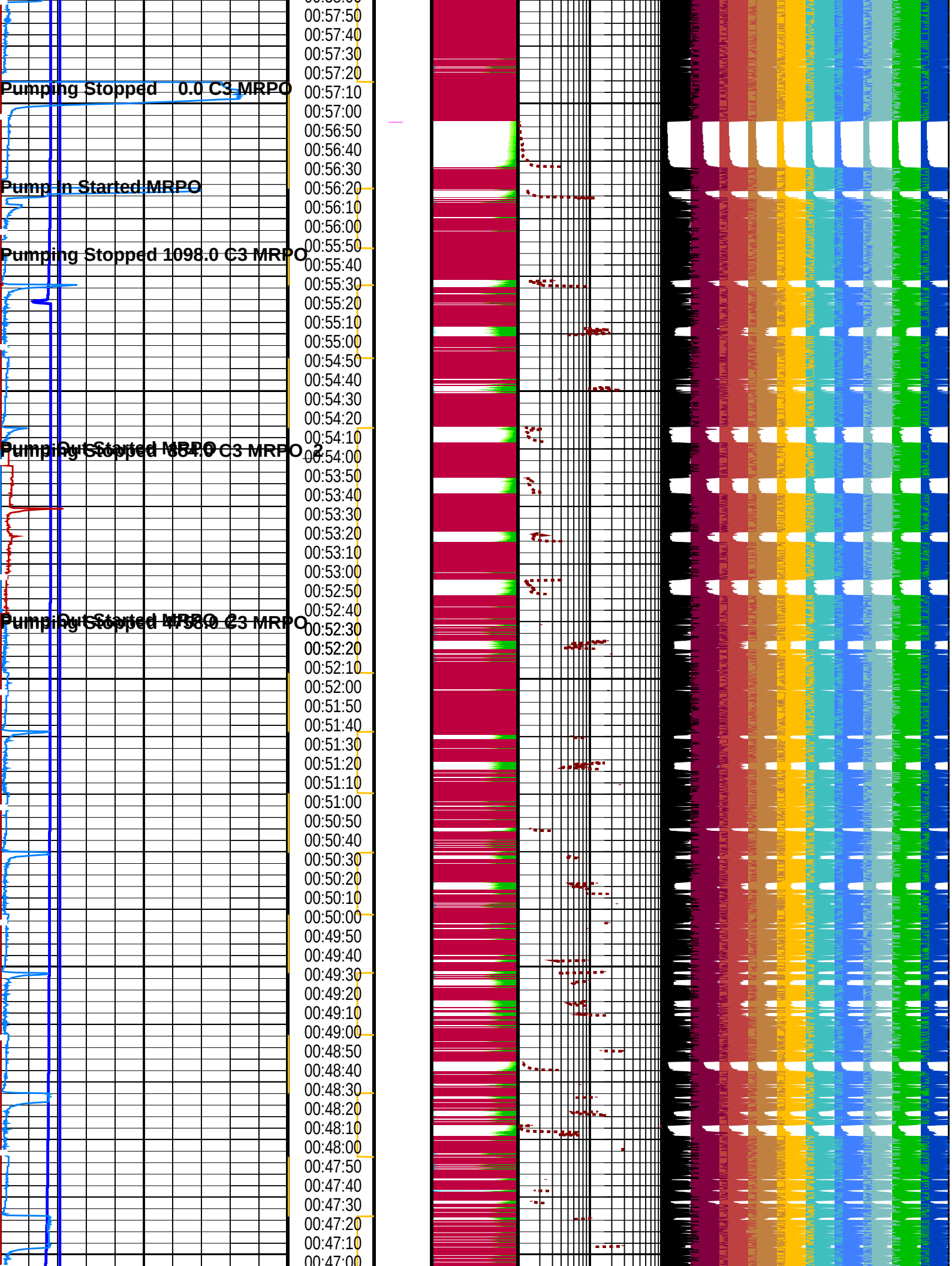
Time Mark Every 60 S

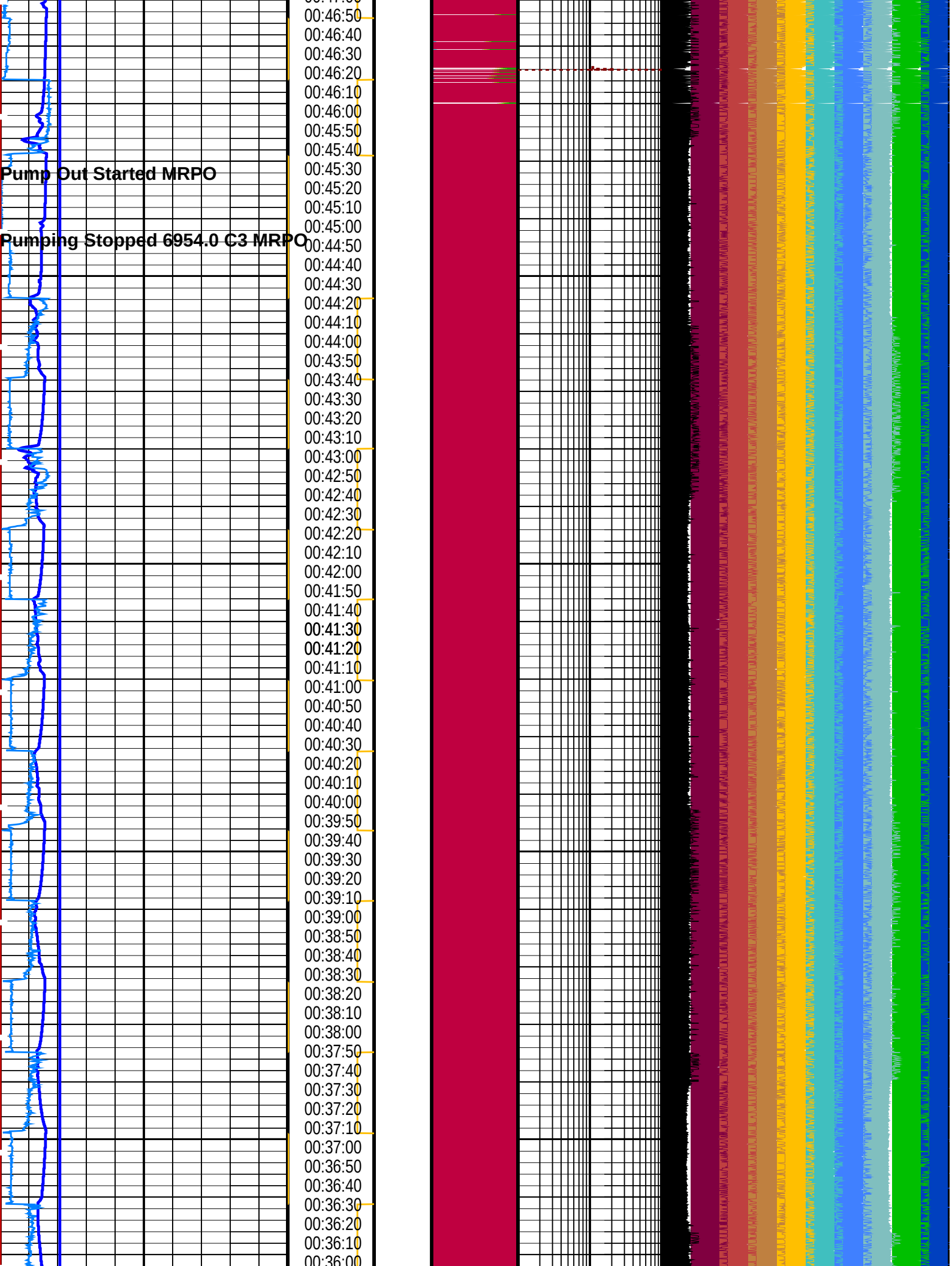
LFA Optical Density Channel 9 (FAOD_LFA[9])
−36 (−−−− 4

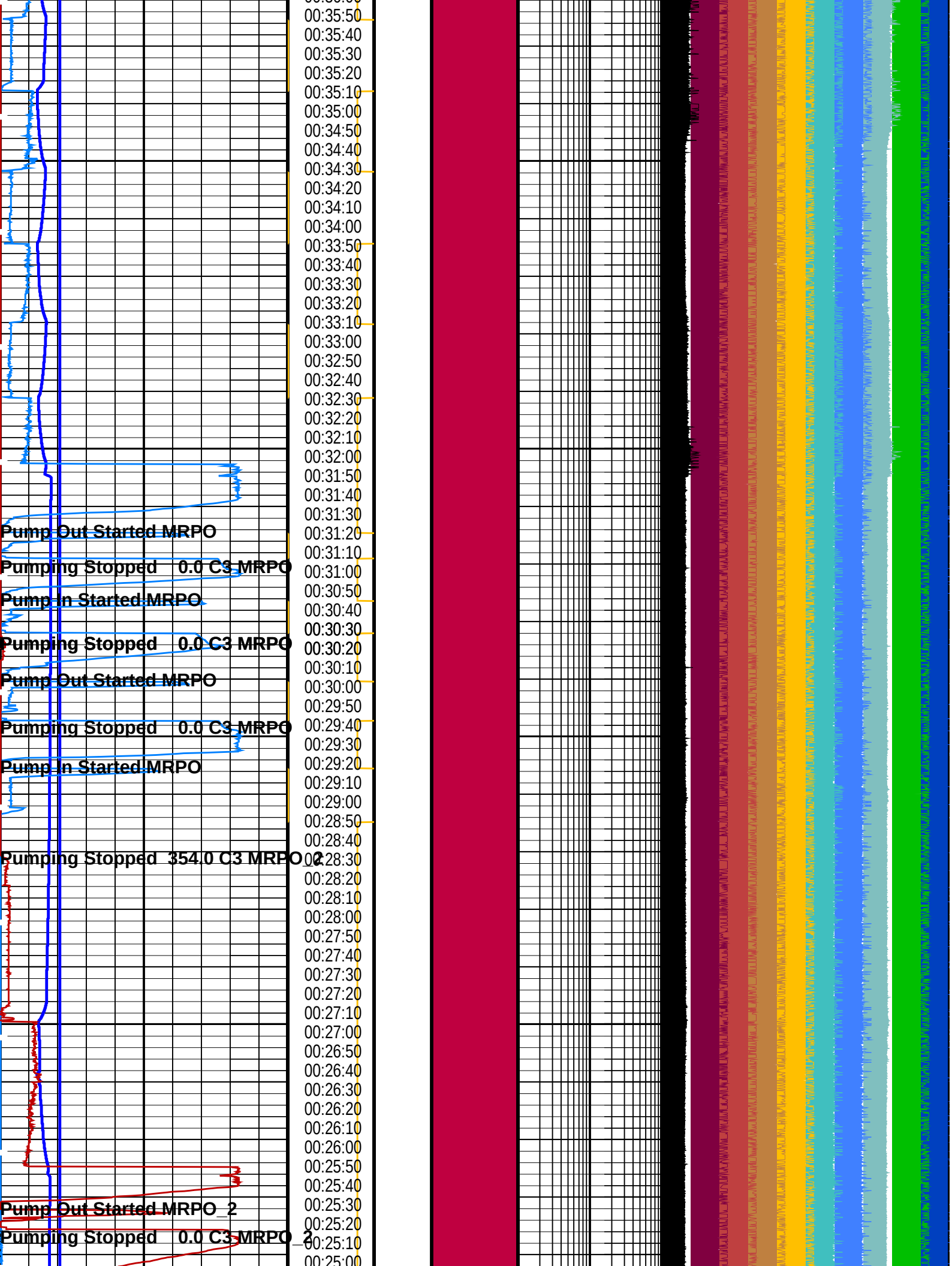
LFA Optical Density Channel 8 (FAOD_LFA[8])
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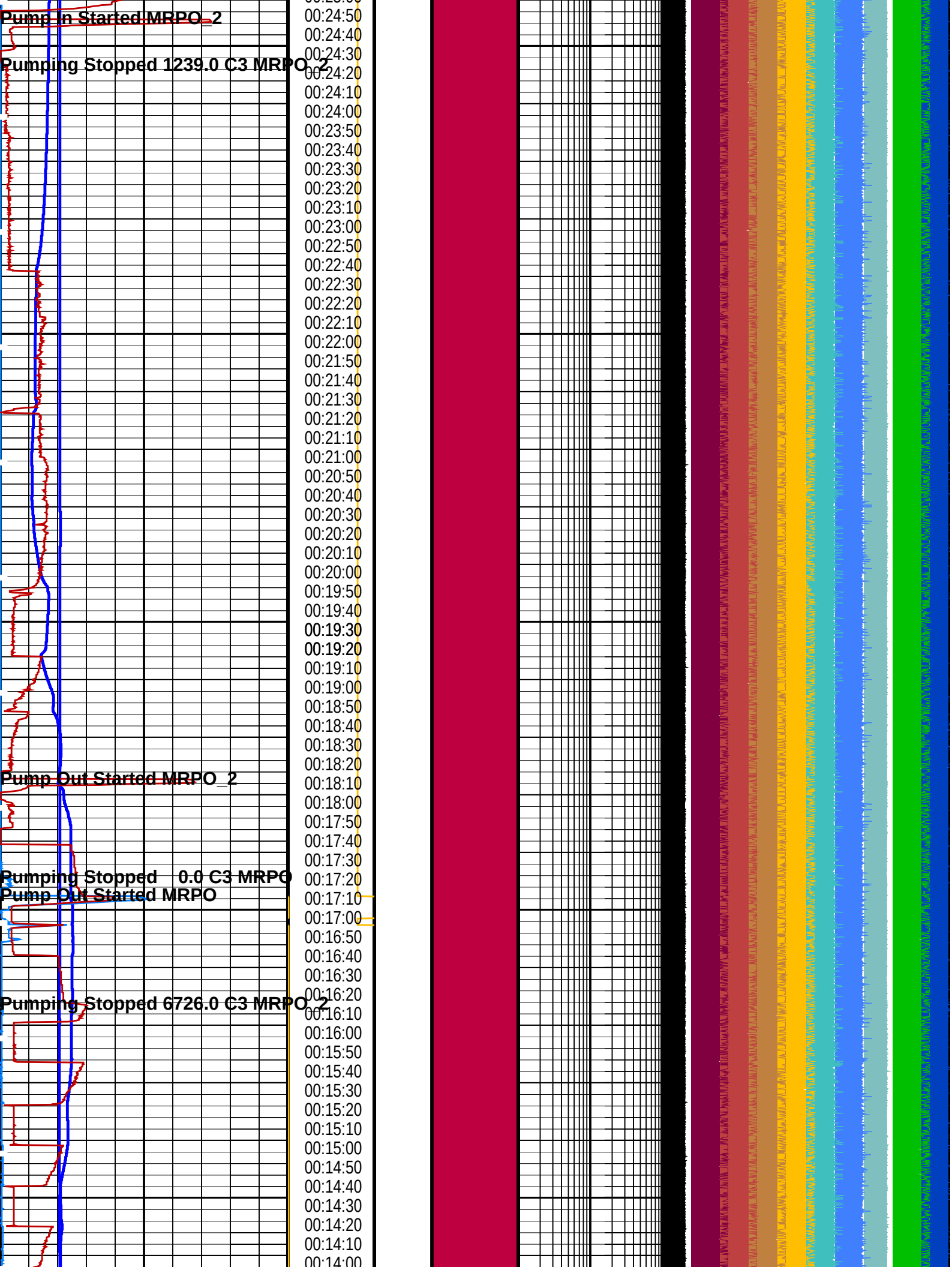
LFA Optical Density Channel 7 (FAOD_LFA[7])
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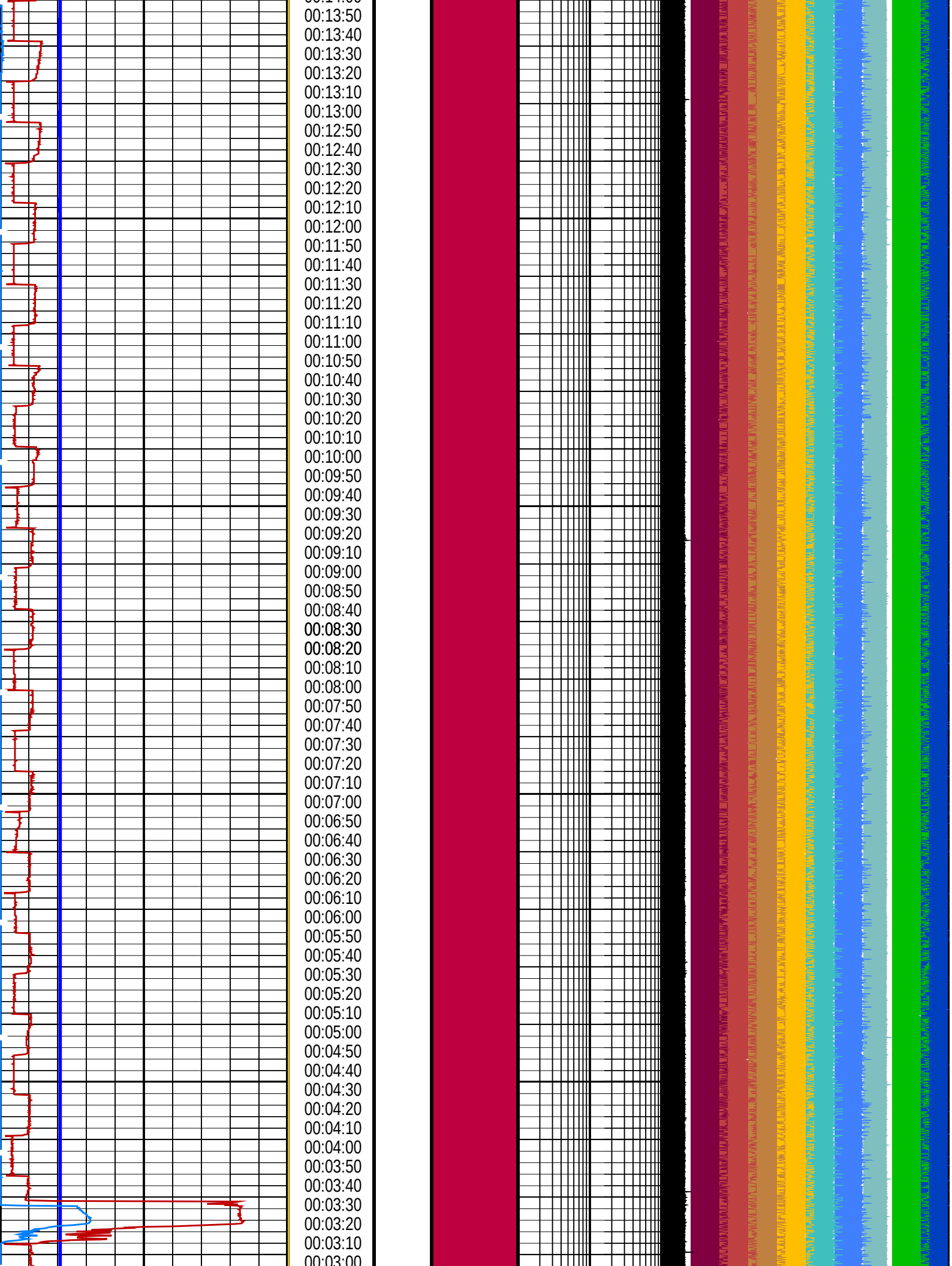

LFA Optical Density Channel 6 (FAOD_LFA[6])
−24 (---- 16
LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (---- 20
LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (---- 24
LFA Optical Density Channel 3 (FAOD_LFA[3])
−12 (---- 28
LFA Optical Density Channel 2 (FAOD_LFA[2])
−8 (---- 32
LFA Optical Density Channel 1 (FAOD_LFA[1])
−4 (---- 36
LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40
MRPS 1 Flowline Fluid Resistivity (BFR1)
0 (OHMM) 2
MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 5000
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000
MRPO Hydraulic Pressure (POHP2)
0 (PSIG) 5000
MRPO Hydraulic Pressure (POHP)
0 (PSIG) 5000
MRPO Solenoid 3 Status (POS3)
5 (---- 0
Elapsed Time (ETIM) (S)
High Gas
Oil
Medium Gas
Water
Low Gas
Highly Absorbing Fluid
LFA Fluid Coloration (FCOL_LFA)
0.000001 0.0001
LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01
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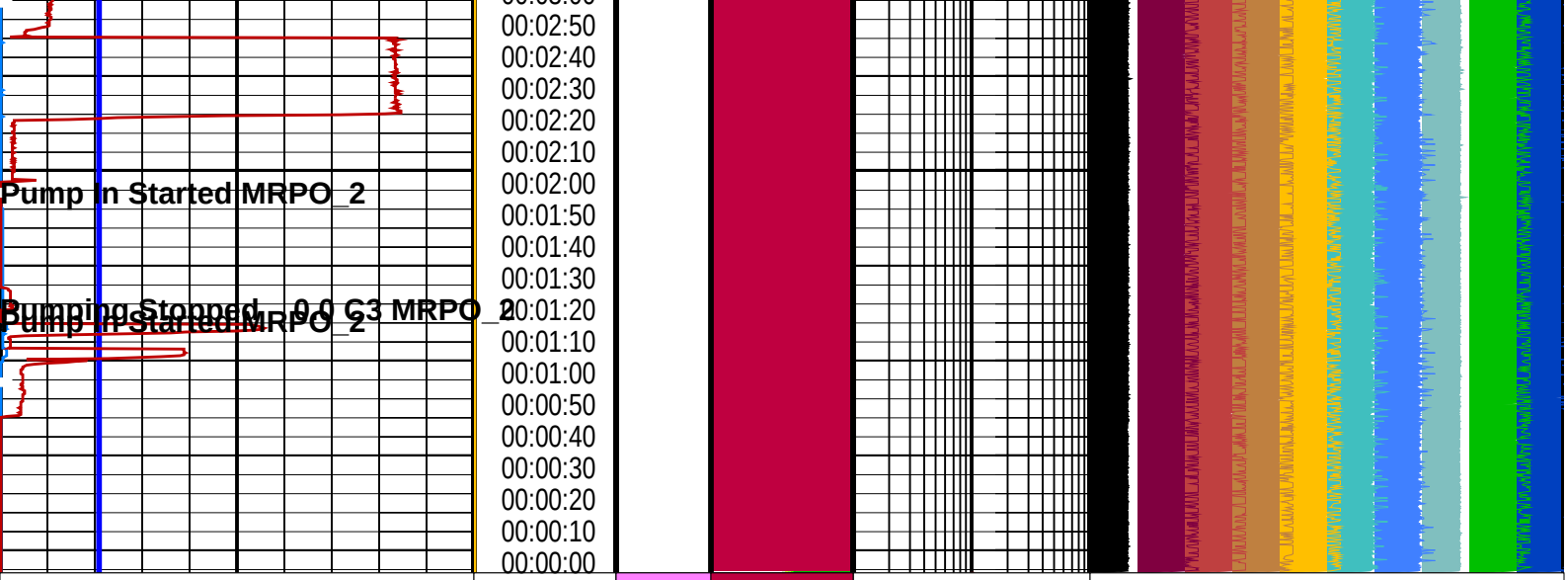

Pumping Stopped 0.0 C3 MRPO
Pump In Started MRPO
Pumping Stopped 1098.0 C3 MRPO
Pump Out Started MRPO
Pumping Stopped 884.0 C3 MRPO 2
Pump Out Started MRPO
Pumping Stopped 1758.0 C3 MRPO
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Pumping Stopped 354.0 C3 MRPO_2
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Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO
Pump Out Started MRPO
Pumping Stopped 6726.0 C3 MRPO_2
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00:09:10
00:09:00
00:08:50
00:08:40
00:08:30
00:08:20
00:08:10
00:08:00
00:07:50
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00:07:30
00:07:20
00:07:10
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00:06:50
00:06:40
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00:05:40
00:05:30
00:05:20
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00:04:50
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00:04:20
00:04:10
00:04:00
00:03:50
00:03:40
00:03:30
00:03:20
00:03:10
00:03:00



MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	Elapsed Time (ETIM) (S)	Low Gas	Highly Absorbing Fluid	LFA Fluid Coloration (FCOL_LFA) 0.0001 (---- 0.01	LFA Optical Density Channel 0 (FAOD_LFA[0]) 0 (---- 40
MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Solenoid 3 Status (POS3) 5 (---- 0	Medium Gas	Water	LFA Fluid Coloration (FCOL_LFA) (---- 0.000001 0.0001	LFA Optical Density Channel 1 (FAOD_LFA[1]) −4 (---- 36
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 5000		High Gas	Oil		LFA Optical Density Channel 2 (FAOD_LFA[2]) −8 (---- 32
MRPA Quartz Gauge Pressure (PAQP) 0 (PSIA) 5000					LFA Optical Density Channel 3 (FAOD_LFA[3]) −12 (---- 28
MRPS 1 Flowline Fluid Resistivity (BFR1) 0 (OHMM) 2					LFA Optical Density Channel 4 (FAOD_LFA[4]) −16 (---- 24
					LFA Optical Density Channel 5 (FAOD_LFA[5]) −20 (---- 20
					LFA Optical Density Channel 6 (FAOD_LFA[6]) −24 (---- 16
					LFA Optical Density Channel 7 (FAOD_LFA[7]) −28 (---- 12
					LFA Optical Density Channel 8 (FAOD_LFA[8]) −32 (---- 8
					LFA Optical Density Channel 9 (FAOD_LFA[9]) −36 (---- 4

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
	MRPA: Dual Packer Module (MRPA)	
QGCA	Quartz Gauge Pressure Correction Applied	DYCO
QGDA	Quartz Gauge Deviation Angle	0 DEG

QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
MRPS_1: Single Probe Module (MRPS) 1			
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
LFA: Live Fluid Analyzer			
CEXP_LFA	LFA Coloration Exponent	4.6	
DCDW_LFA	LFA Decolor and Dewater Allow/Disallow for Gas Oil Ratio	ALLOW	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
ODTMP_LFA	LFA Optical Density Temperature Correction	ALLOW	
PDCO	Probe Depth Correction Offset	0	FT
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
CGA: Condensate & Gas Analyzer			
PDCO	Probe Depth Correction Offset	0	FT
MRPC: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	FT

Format: LFA Vertical Scale: 1" per 60S Graphics File Created: 17−Feb−2007 22:41

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_101LTP	FN:112	PRODUCER	17−Feb−2007 22:41	

Output DLIS Files

DEFAULT	MDT_OFA_101LTP	FN:112	PRODUCER	17−Feb−2007 22:41	2012.0 FT	32.1 FT

Elapsed Time (s)	Event Summary
3623.1	Pumping Stopped 732.0 C3 Dual Pumpout Module (MRPO)
3485.1	Pump Out Started Dual Pumpout Module (MRPO)
3435.3	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
3384.3	Pump In Started Dual Pumpout Module (MRPO)
3348.9	Pumping Stopped 1098.0 C3 Dual Pumpout Module (MRPO)
3247.8	Pump Out Started Dual Pumpout Module (MRPO)
3246.6	Pumping Stopped 354.0 C3 Dual Pumpout Module (MRPO) 2
3158.1	Pump Out Started Dual Pumpout Module (MRPO) 2
3156.9	Pumping Stopped 4758.0 C3 Dual Pumpout Module (MRPO)
2730.9	Pump Out Started Dual Pumpout Module (MRPO)
2696.4	Pumping Stopped 6954.0 C3 Dual Pumpout Module (MRPO)
1884.6	Pump Out Started Dual Pumpout Module (MRPO)
1866.0	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1848.9	Pump In Started Dual Pumpout Module (MRPO)
1826.1	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1806.9	Pump Out Started Dual Pumpout Module (MRPO)

1782.3	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1761.6	Pump In Started Dual Pumpout Module (MRPO)
1714.2	Pumping Stopped 354.0 C3 Dual Pumpout Module (MRPO) 2
1531.5	Pump Out Started Dual Pumpout Module (MRPO) 2
1516.8	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
1492.2	Pump In Started Dual Pumpout Module (MRPO) 2
1467.9	Pumping Stopped 1239.0 C3 Dual Pumpout Module (MRPO) 2
1096.2	Pump Out Started Dual Pumpout Module (MRPO) 2
1044.9	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
1035.3	Pump Out Started Dual Pumpout Module (MRPO)
978.9	Pumping Stopped 6726.0 C3 Dual Pumpout Module (MRPO) 2
120.3	Pump In Started Dual Pumpout Module (MRPO) 2
83.4	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO) 2
79.8	Pump In Started Dual Pumpout Module (MRPO) 2

PIP SUMMARY

Time Mark Every 60 S

MRPA Quartz Pressure (PAQP) 0 (PSIA) 2000

MRPA Auto deflate status (PAAD) 0 (---- 5

MRPO Solenoid 3 Status (POS3) 5 (---- 0

MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000

MRPO Pump Volume (POPV) 0 (C3) 10000

MRPC 50 V Supply (50V) 30 (V) 100

MRPA SG Pressure (PASG) 0 (PSIA) 2000

MRPA Interval Valve Position (PAVP) −5 (---- 250

MRPA Inflate Valve Position (PAFP) −5 (---- 250

MRPA Quartz Temperature (PAQT) (DEGF)

MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10

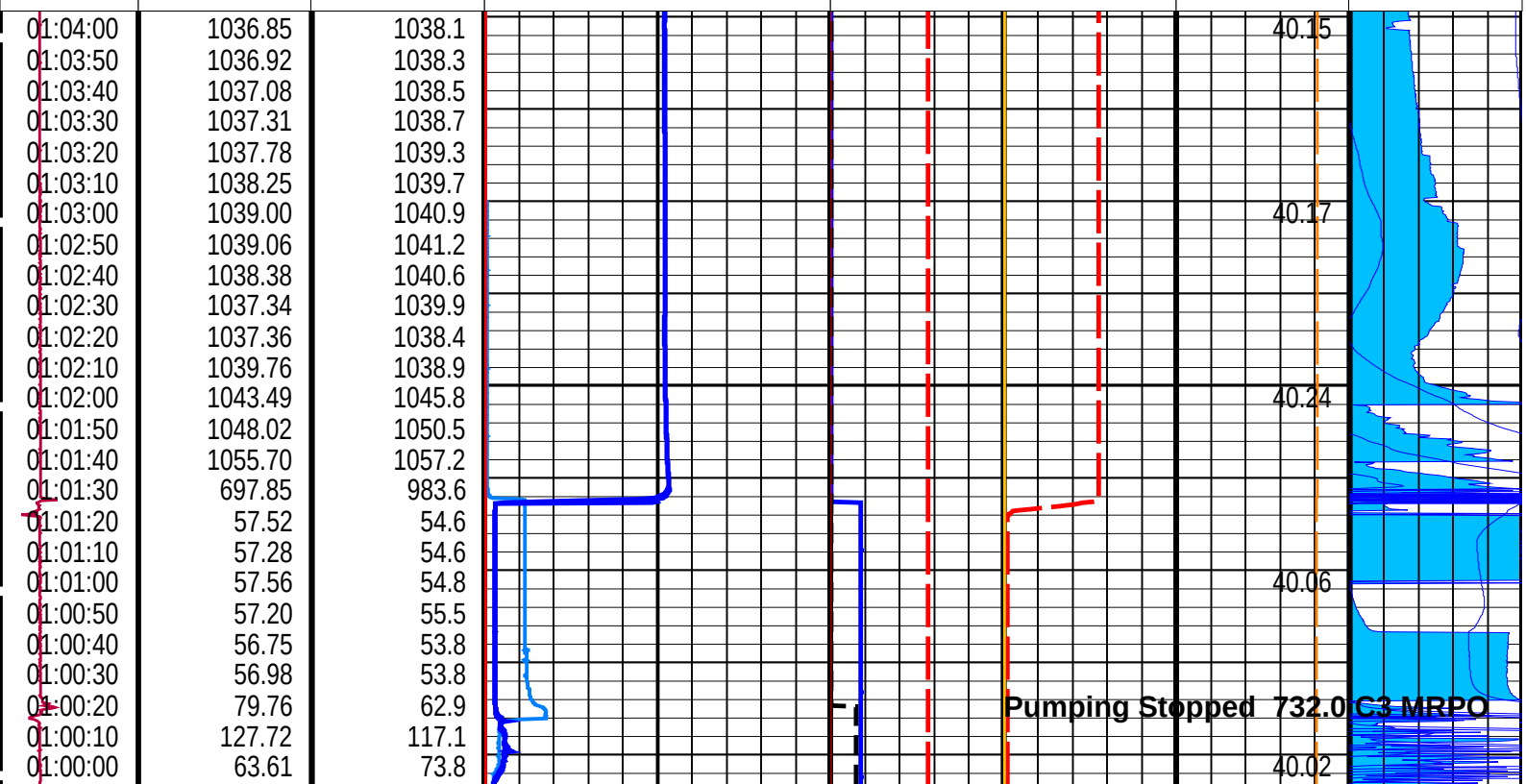
MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000

MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000

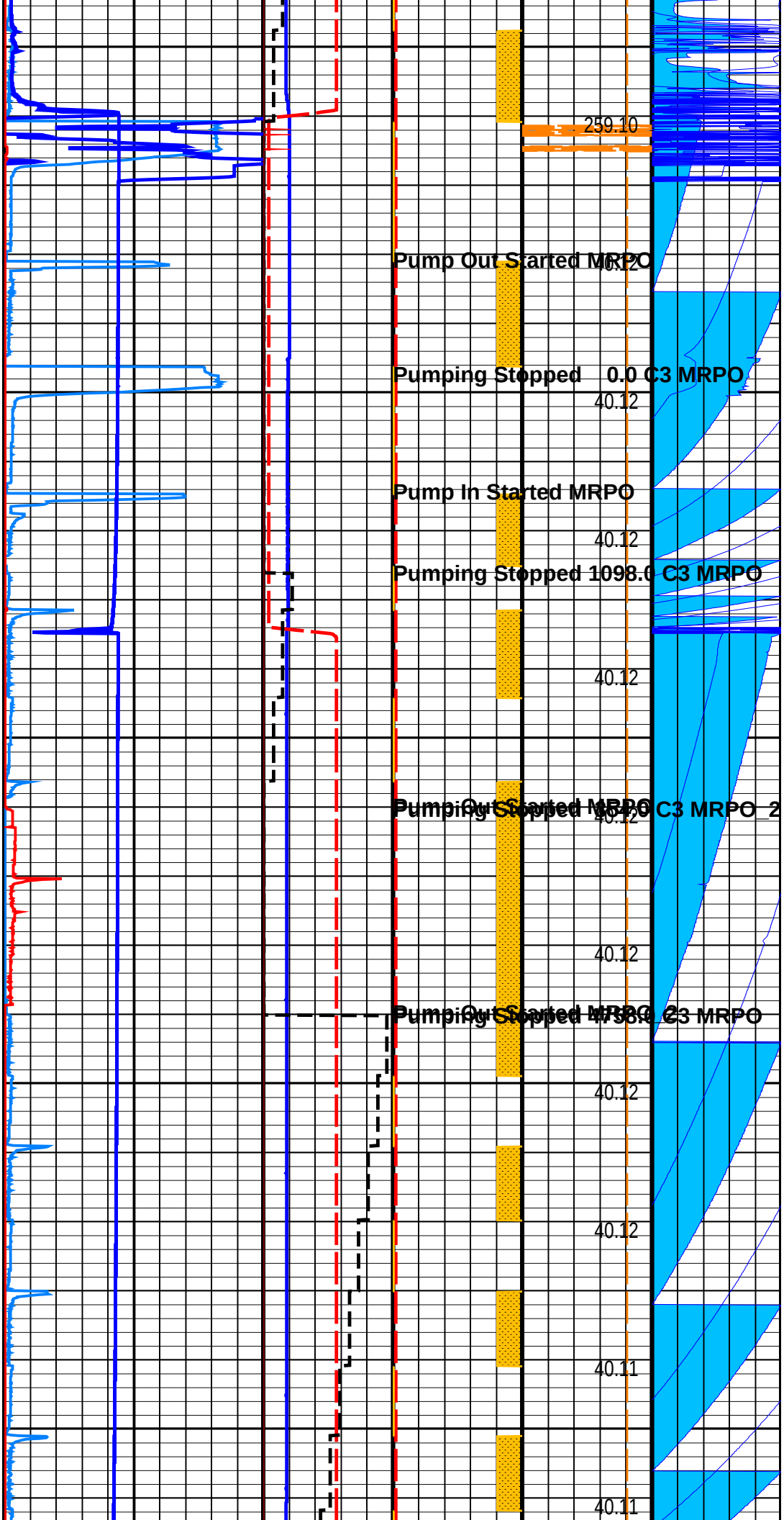
MRPA Quartz Temperature (PAQT) (DEGF) 100 150

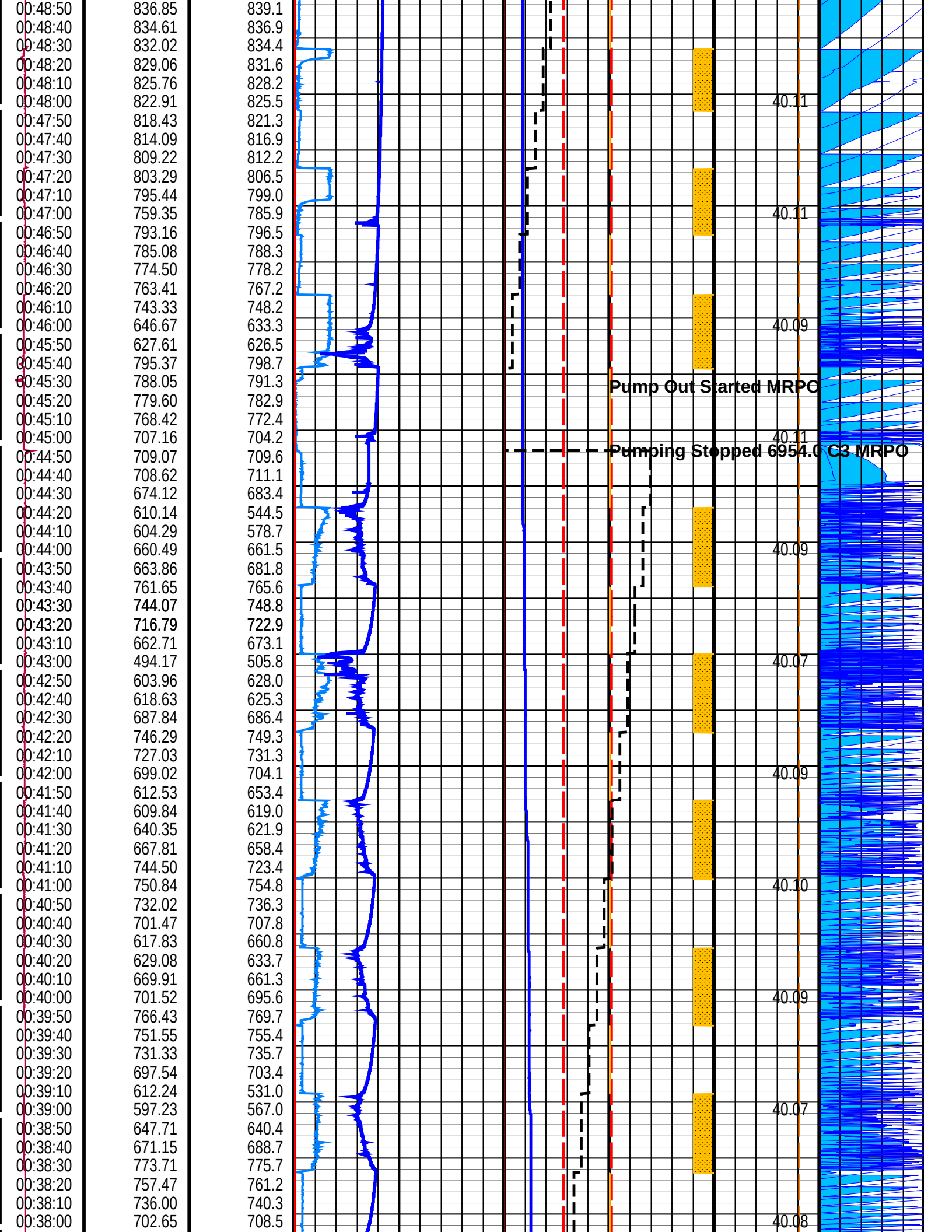
MRPA SG One's (PSGU) 0 (---- 10

Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)
01:04:00	1036.85	1038.1
01:03:50	1036.92	1038.3
01:03:40	1037.08	1038.5
01:03:30	1037.31	1038.7
01:03:20	1037.78	1039.3
01:03:10	1038.25	1039.7
01:03:00	1039.00	1040.9
01:02:50	1039.06	1041.2
01:02:40	1038.38	1040.6
01:02:30	1037.34	1039.9
01:02:20	1037.36	1038.4
01:02:10	1039.76	1038.9
01:02:00	1043.49	1045.8
01:01:50	1048.02	1050.5
01:01:40	1055.70	1057.2
01:01:30	697.85	983.6
01:01:20	57.52	54.6
01:01:10	57.28	54.6
01:01:00	57.56	54.8
01:00:50	57.20	55.5
01:00:40	56.75	53.8
01:00:30	56.98	53.8
01:00:20	79.76	62.9
01:00:10	127.72	117.1
01:00:00	63.61	73.8

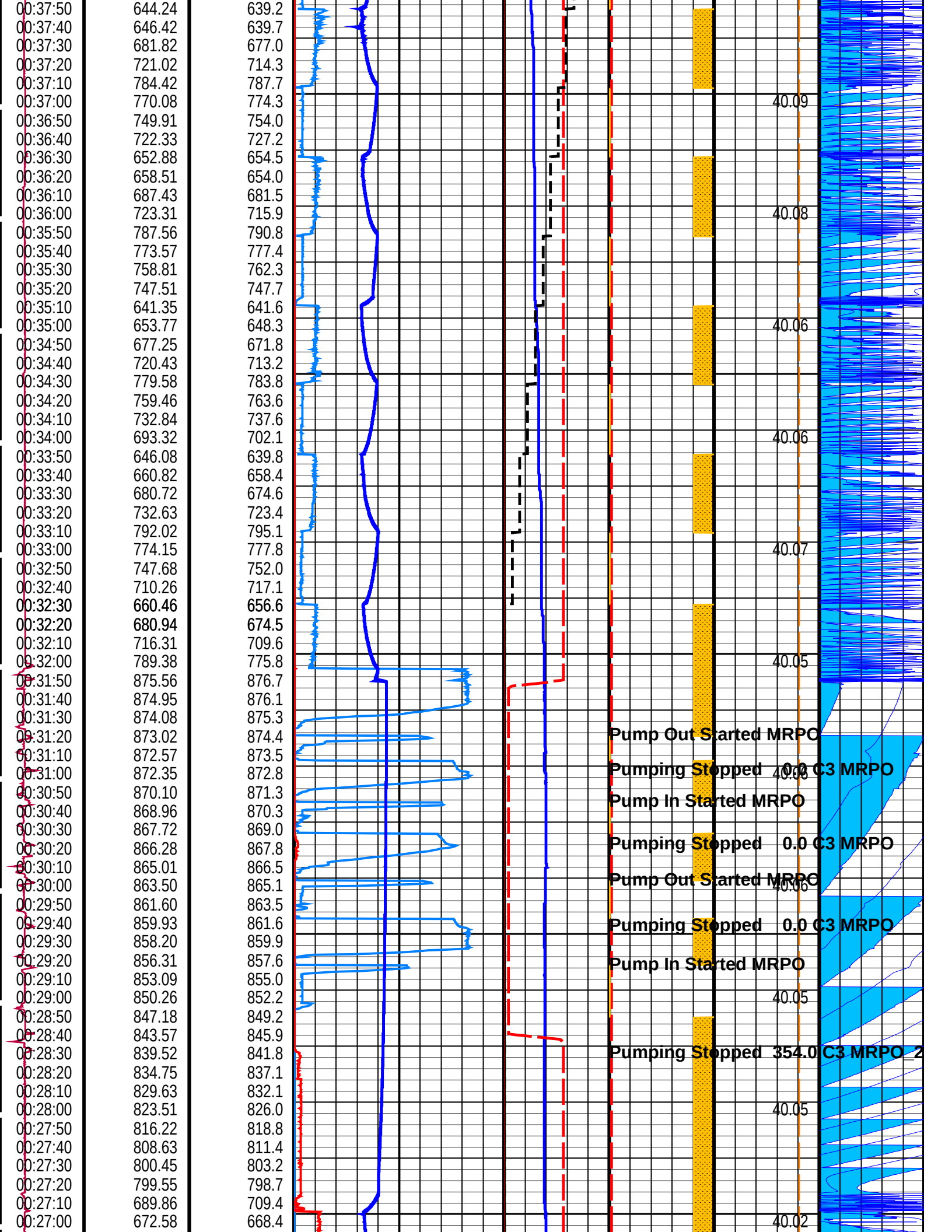


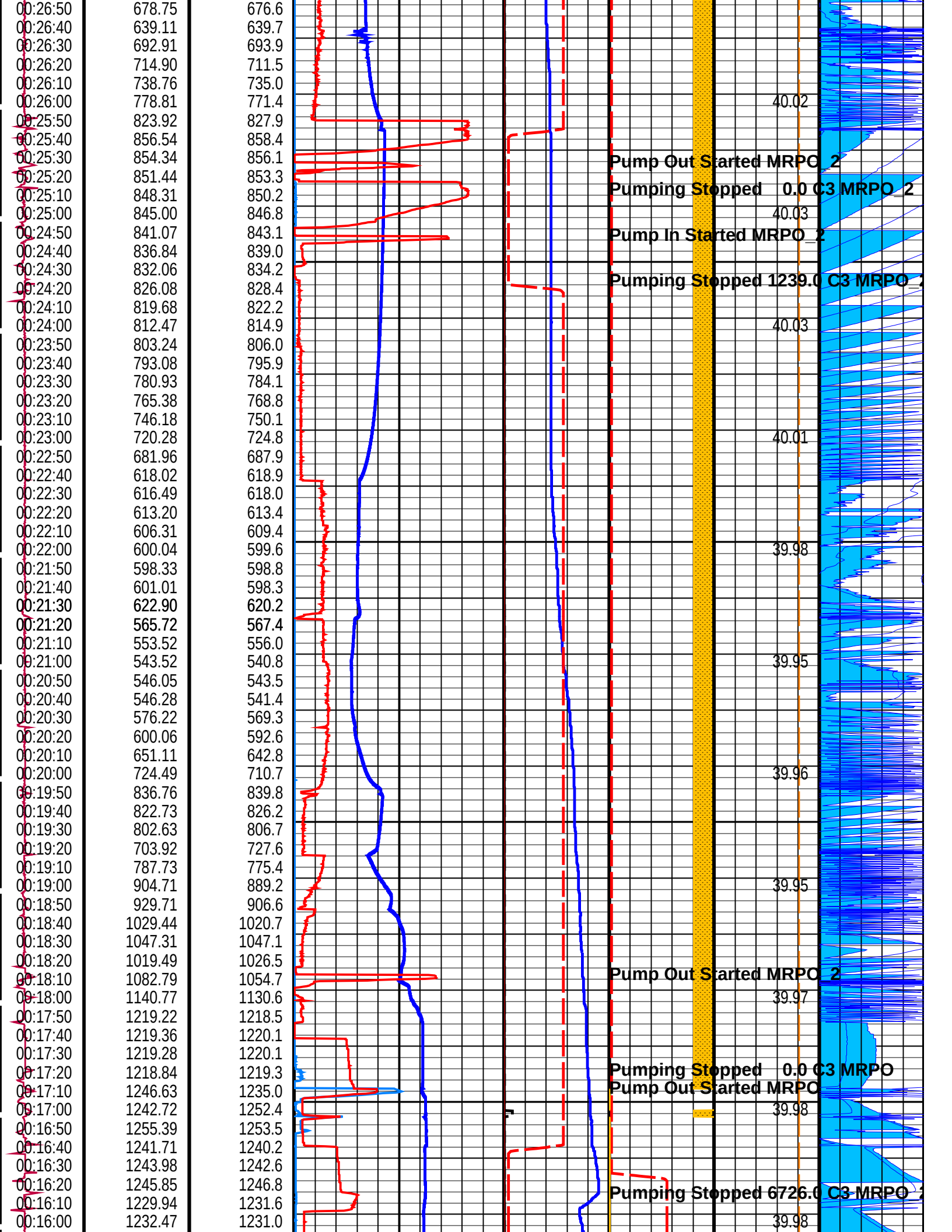
00:59:50	51.50	48.0
00:59:40	67.66	57.1
00:59:30	59.48	56.1
00:59:20	61.12	53.6
00:59:10	537.22	257.8
00:59:00	−447.29	878.3
00:58:50	1565.67	877.9
00:58:40	1290.93	877.4
00:58:30	875.75	877.0
00:58:20	875.16	876.5
00:58:10	874.53	875.9
00:58:00	873.91	875.3
00:57:50	873.19	874.6
00:57:40	872.39	874.0
00:57:30	871.40	873.2
00:57:20	871.02	872.5
00:57:10	870.91	872.1
00:57:00	868.25	870.1
00:56:50	866.82	868.9
00:56:40	865.21	867.4
00:56:30	863.32	865.6
00:56:20	860.94	863.4
00:56:10	857.94	860.6
00:56:00	854.29	857.1
00:55:50	849.21	852.2
00:55:40	842.08	845.7
00:55:30	830.38	834.7
00:55:20	872.90	873.9
00:55:10	872.63	873.5
00:55:00	872.19	873.1
00:54:50	871.73	872.6
00:54:40	871.27	872.2
00:54:30	870.80	871.7
00:54:20	870.32	871.2
00:54:10	869.83	870.7
00:54:00	869.31	870.3
00:53:50	868.79	869.7
00:53:40	868.25	869.3
00:53:30	867.67	868.7
00:53:20	867.10	868.2
00:53:10	866.38	867.7
00:53:00	865.85	866.9
00:52:50	865.18	866.3
00:52:40	864.53	865.7
00:52:30	863.83	865.0
00:52:20	863.10	864.3
00:52:10	862.35	863.6
00:52:00	861.58	862.8
00:51:50	860.77	862.1
00:51:40	859.96	861.3
00:51:30	859.12	860.5
00:51:20	858.21	859.6
00:51:10	857.27	858.7
00:51:00	856.27	857.7
00:50:50	855.20	856.7
00:50:40	854.14	855.7
00:50:30	852.98	854.6
00:50:20	851.76	853.4
00:50:10	850.52	852.2
00:50:00	849.20	850.9
00:49:50	847.73	849.5
00:49:40	846.23	848.1
00:49:30	844.63	846.6
00:49:20	842.84	844.9
00:49:10	841.01	843.1
00:49:00	839.03	841.2



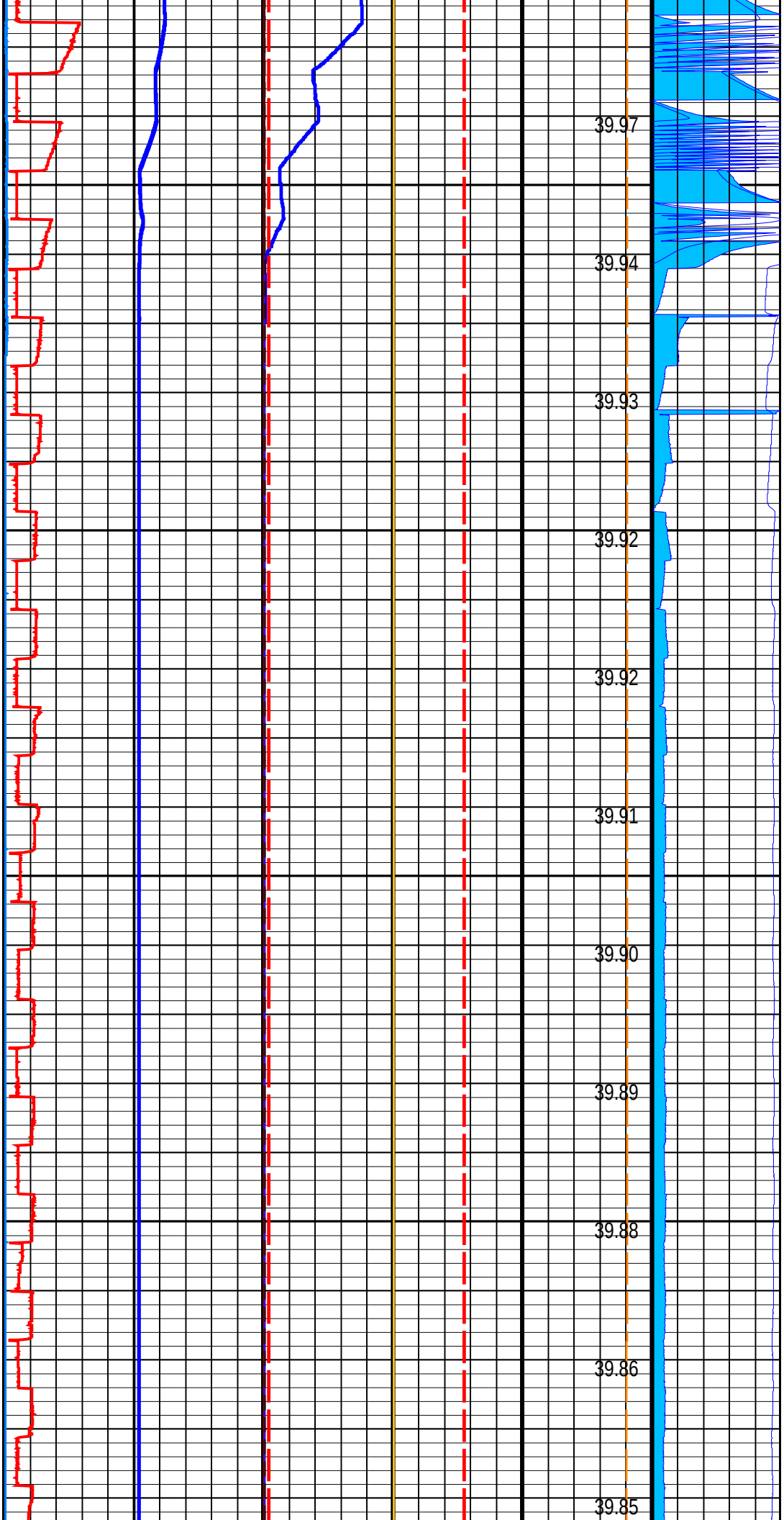


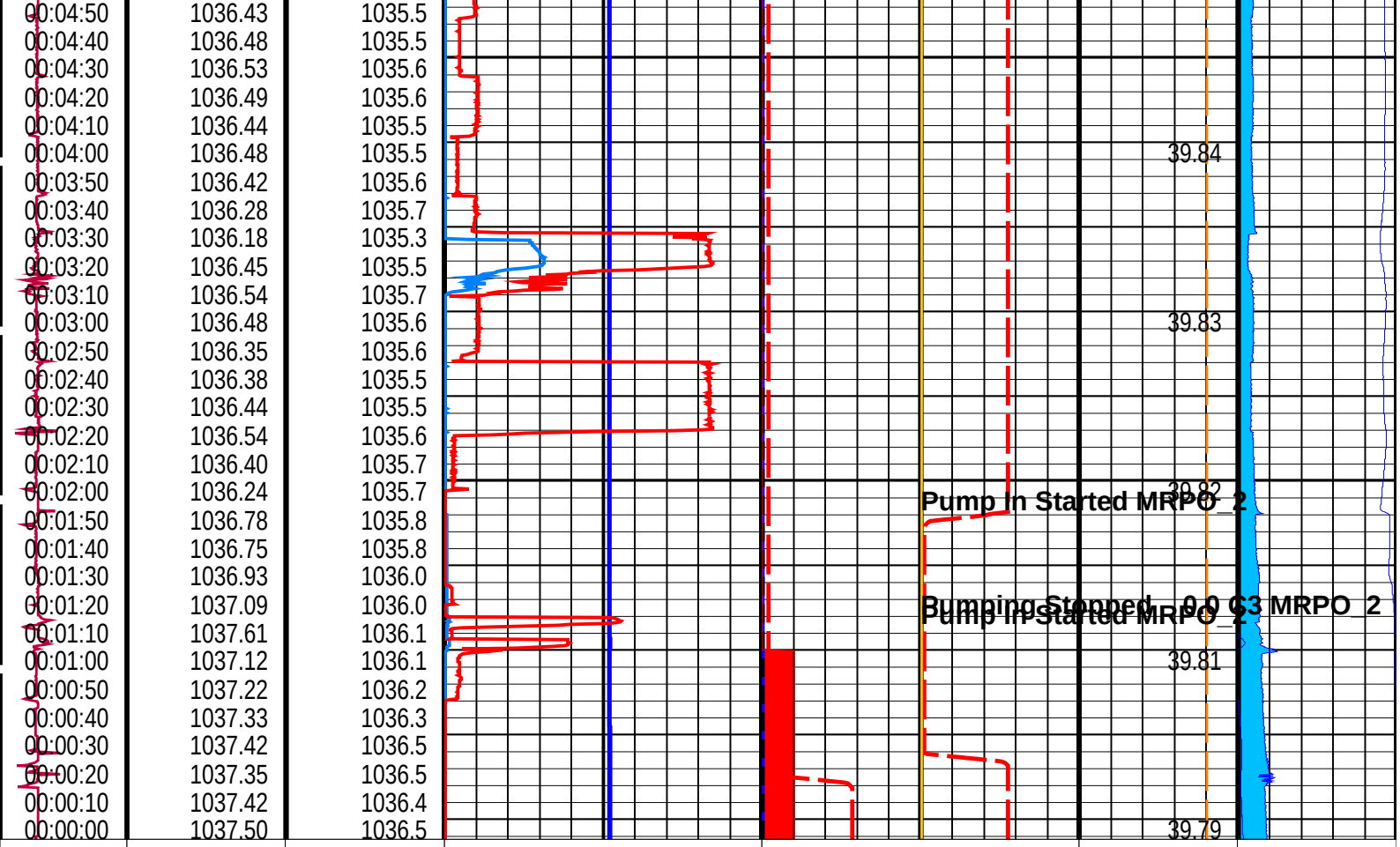
00:48:50	836.85	839.1
00:48:40	834.61	836.9
00:48:30	832.02	834.4
00:48:20	829.06	831.6
00:48:10	825.76	828.2
00:48:00	822.91	825.5
00:47:50	818.43	821.3
00:47:40	814.09	816.9
00:47:30	809.22	812.2
00:47:20	803.29	806.5
00:47:10	795.44	799.0
00:47:00	759.35	785.9
00:46:50	793.16	796.5
00:46:40	785.08	788.3
00:46:30	774.50	778.2
00:46:20	763.41	767.2
00:46:10	743.33	748.2
00:46:00	646.67	633.3
00:45:50	627.61	626.5
00:45:40	795.37	798.7
00:45:30	788.05	791.3
00:45:20	779.60	782.9
00:45:10	768.42	772.4
00:45:00	707.16	704.2
00:44:50	709.07	709.6
00:44:40	708.62	711.1
00:44:30	674.12	683.4
00:44:20	610.14	544.5
00:44:10	604.29	578.7
00:44:00	660.49	661.5
00:43:50	663.86	681.8
00:43:40	761.65	765.6
00:43:30	744.07	748.8
00:43:20	716.79	722.9
00:43:10	662.71	673.1
00:43:00	494.17	505.8
00:42:50	603.96	628.0
00:42:40	618.63	625.3
00:42:30	687.84	686.4
00:42:20	746.29	749.3
00:42:10	727.03	731.3
00:42:00	699.02	704.1
00:41:50	612.53	653.4
00:41:40	609.84	619.0
00:41:30	640.35	621.9
00:41:20	667.81	658.4
00:41:10	744.50	723.4
00:41:00	750.84	754.8
00:40:50	732.02	736.3
00:40:40	701.47	707.8
00:40:30	617.83	660.8
00:40:20	629.08	633.7
00:40:10	669.91	661.3
00:40:00	701.52	695.6
00:39:50	766.43	769.7
00:39:40	751.55	755.4
00:39:30	731.33	735.7
00:39:20	697.54	703.4
00:39:10	612.24	531.0
00:39:00	597.23	567.0
00:38:50	647.71	640.4
00:38:40	671.15	688.7
00:38:30	773.71	775.7
00:38:20	757.47	761.2
00:38:10	736.00	740.3
00:38:00	702.65	708.5


00:37:50 644.24 639.2
00:37:40 646.42 639.7
00:37:30 681.82 677.0
00:37:20 721.02 714.3
00:37:10 784.42 787.7
00:37:00 770.08 774.3
00:36:50 749.91 754.0
00:36:40 722.33 727.2
00:36:30 652.88 654.5
00:36:20 658.51 654.0
00:36:10 687.43 681.5
00:36:00 723.31 715.9
00:35:50 787.56 790.8
00:35:40 773.57 777.4
00:35:30 758.81 762.3
00:35:20 747.51 747.7
00:35:10 641.35 641.6
00:35:00 653.77 648.3
00:34:50 677.25 671.8
00:34:40 720.43 713.2
00:34:30 779.58 783.8
00:34:20 759.46 763.6
00:34:10 732.84 737.6
00:34:00 693.32 702.1
00:33:50 646.08 639.8
00:33:40 660.82 658.4
00:33:30 680.72 674.6
00:33:20 732.63 723.4
00:33:10 792.02 795.1
00:33:00 774.15 777.8
00:32:50 747.68 752.0
00:32:40 710.26 717.1
00:32:30 660.46 656.6
00:32:20 680.94 674.5
00:32:10 716.31 709.6
00:32:00 789.38 775.8
00:31:50 875.56 876.7
00:31:40 874.95 876.1
00:31:30 874.08 875.3
00:31:20 873.02 874.4
00:31:10 872.57 873.5
00:31:00 872.35 872.8
00:30:50 870.10 871.3
00:30:40 868.96 870.3
00:30:30 867.72 869.0
00:30:20 866.28 867.8
00:30:10 865.01 866.5
00:30:00 863.50 865.1
00:29:50 861.60 863.5
00:29:40 859.93 861.6
00:29:30 858.20 859.9
00:29:20 856.31 857.6
00:29:10 853.09 855.0
00:29:00 850.26 852.2
00:28:50 847.18 849.2
00:28:40 843.57 845.9
00:28:30 839.52 841.8
00:28:20 834.75 837.1
00:28:10 829.63 832.1
00:28:00 823.51 826.0
00:27:50 816.22 818.8
00:27:40 808.63 811.4
00:27:30 800.45 803.2
00:27:20 799.55 798.7
00:27:10 689.86 709.4
00:27:00 672.58 668.4
40.09
40.08
40.06
40.06
40.07
40.05
Pump Out Started MRPO
Pumping Stopped 0.0 C3 MRPO
Pump In Started MRPO
Pumping Stopped 0.0 C3 MRPO
Pump Out Started MRPO
Pumping Stopped 0.0 C3 MRPO
Pump In Started MRPO
40.05
Pumping Stopped 354.0 C3 MRPO_2
40.05
40.02


00:26:50 678.75 676.6
00:26:40 639.11 639.7
00:26:30 692.91 693.9
00:26:20 714.90 711.5
00:26:10 738.76 735.0
00:26:00 778.81 771.4
00:25:50 823.92 827.9
00:25:40 856.54 858.4
00:25:30 854.34 856.1
00:25:20 851.44 853.3
00:25:10 848.31 850.2
00:25:00 845.00 846.8
00:24:50 841.07 843.1
00:24:40 836.84 839.0
00:24:30 832.06 834.2
00:24:20 826.08 828.4
00:24:10 819.68 822.2
00:24:00 812.47 814.9
00:23:50 803.24 806.0
00:23:40 793.08 795.9
00:23:30 780.93 784.1
00:23:20 765.38 768.8
00:23:10 746.18 750.1
00:23:00 720.28 724.8
00:22:50 681.96 687.9
00:22:40 618.02 618.9
00:22:30 616.49 618.0
00:22:20 613.20 613.4
00:22:10 606.31 609.4
00:22:00 600.04 599.6
00:21:50 598.33 598.8
00:21:40 601.01 598.3
00:21:30 622.90 620.2
00:21:20 565.72 567.4
00:21:10 553.52 556.0
00:21:00 543.52 540.8
00:20:50 546.05 543.5
00:20:40 546.28 541.4
00:20:30 576.22 569.3
00:20:20 600.06 592.6
00:20:10 651.11 642.8
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00:19:10 787.73 775.4
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00:18:50 929.71 906.6
00:18:40 1029.44 1020.7
00:18:30 1047.31 1047.1
00:18:20 1019.49 1026.5
00:18:10 1082.79 1054.7
00:18:00 1140.77 1130.6
00:17:50 1219.22 1218.5
00:17:40 1219.36 1220.1
00:17:30 1219.28 1220.1
00:17:20 1218.84 1219.3
00:17:10 1246.63 1235.0
00:17:00 1242.72 1252.4
00:16:50 1255.39 1253.5
00:16:40 1241.71 1240.2
00:16:30 1243.98 1242.6
00:16:20 1245.85 1246.8
00:16:10 1229.94 1231.6
00:16:00 1232.47 1231.0
40.02
Pump Out Started MRPO_2
Pumping Stopped 0.0 C3 MRPO_2
40.03
Pump In Started MRPO_2
Pumping Stopped 1239.0 C3 MRPO_2
40.03
40.01
39.98
39.95
39.96
39.95
Pump Out Started MRPO_2
39.97
Pumping Stopped 0.0 C3 MRPO
Pump Out Started MRPO
39.98
Pumping Stopped 6726.0 C3 MRPO_2
39.98

00:15:50	1234.99	1235.6
00:15:40	1212.09	1217.5
00:15:30	1176.21	1183.0
00:15:20	1164.24	1162.5
00:15:10	1168.32	1166.8
00:15:00	1142.17	1149.4
00:14:50	1077.47	1086.4
00:14:40	1042.78	1041.0
00:14:30	1047.11	1044.4
00:14:20	1062.95	1068.0
00:14:10	1039.70	1041.7
00:14:00	1036.13	1035.9
00:13:50	1036.02	1035.4
00:13:40	1036.95	1036.8
00:13:30	1036.61	1036.7
00:13:20	1036.29	1036.6
00:13:10	1036.10	1035.5
00:13:00	1036.06	1035.1
00:12:50	1036.47	1035.9
00:12:40	1036.38	1036.2
00:12:30	1036.24	1035.7
00:12:20	1036.15	1035.2
00:12:10	1036.68	1035.7
00:12:00	1036.60	1036.0
00:11:50	1036.49	1035.6
00:11:40	1036.45	1035.5
00:11:30	1036.69	1035.7
00:11:20	1036.64	1035.8
00:11:10	1036.56	1035.6
00:11:00	1036.53	1035.6
00:10:50	1036.68	1035.7
00:10:40	1036.66	1035.7
00:10:30	1036.57	1035.8
00:10:20	1036.60	1035.6
00:10:10	1036.67	1035.6
00:10:00	1036.65	1035.7
00:09:50	1036.58	1035.7
00:09:40	1036.59	1035.6
00:09:30	1036.63	1035.6
00:09:20	1036.64	1035.8
00:09:10	1036.59	1035.7
00:09:00	1036.59	1035.6
00:08:50	1036.64	1035.6
00:08:40	1036.67	1035.8
00:08:30	1036.61	1035.7
00:08:20	1036.58	1035.6
00:08:10	1036.63	1035.6
00:08:00	1036.68	1035.8
00:07:50	1036.62	1035.7
00:07:40	1036.57	1035.6
00:07:30	1036.62	1035.6
00:07:20	1036.66	1035.6
00:07:10	1036.62	1035.7
00:07:00	1036.55	1035.7
00:06:50	1036.59	1035.6
00:06:40	1036.63	1035.7
00:06:30	1036.60	1035.7
00:06:20	1036.53	1035.7
00:06:10	1036.54	1035.6
00:06:00	1036.58	1035.6
00:05:50	1036.57	1035.7
00:05:40	1036.51	1035.6
00:05:30	1036.47	1035.5
00:05:20	1036.52	1035.6
00:05:10	1036.54	1035.6
00:05:00	1036.49	1035.6





Elapsed Time (ETIM) (S)	MRPA Quartz Pressure (PAQP) (PSIA)	MRPA SG Pressure (PASG) (PSIA)	MRPO Hydraulic Pressure (POHP) 0 (PSIG) 5000	MRPA Inflate Pressure (PAHP) 0 (PSIG) 2000	MRPA Quartz Temperature (PAQT) (DEGF) 100 150	MRPA SG One's (PSGU) 0 (---- 10
MRPC 50 V Supply (50V) 30 (V) 100			MRPA SG Pressure (PASG) 0 (PSIA) 2000	MRPA Interval Valve Position (PAVP) −5 (---- 250	MRPA Inflate Valve Position (PAFP) −5 (---- 250	MRPA Quartz Temperature (PAQT) (DEGF)	MRPA PAQP Pressure Ones Digit (PAQP) 0 (PSIA) 10
			MRPO Hydraulic Pressure (POHP2) 0 (PSIG) 5000	MRPO Pump Volume (POPV) 0 (C3) 10000		
			MRPA Quartz Pressure (PAQP) 0 (PSIA) 2000	MRPA Auto deflate status (PAAD) 0 (---- 5	MRPO Solenoid 3 Status (POS3) 5 (---- 0	

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		

MRPC: Power Cartridge

PDCO	Probe Depth Correction Offset	0	FT

Format: PACKER Vertical Scale: 1" per 60S Graphics File Created: 17−Feb−2007 22:41

OP System Version: 14C0−302

MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Output DLIS Files

DEFAULT	MDT_OFA_101LTP	FN:112	PRODUCER	17−Feb−2007 22:41

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CORRELATION PASS

MAXIS Field Log

Input DLIS Files

DEFAULT	Flip_MDT_OFA_108LUP	PRODUCER	18−Feb−2007 03:32	2161.5 FT	1725.0 FT

Output DLIS Files

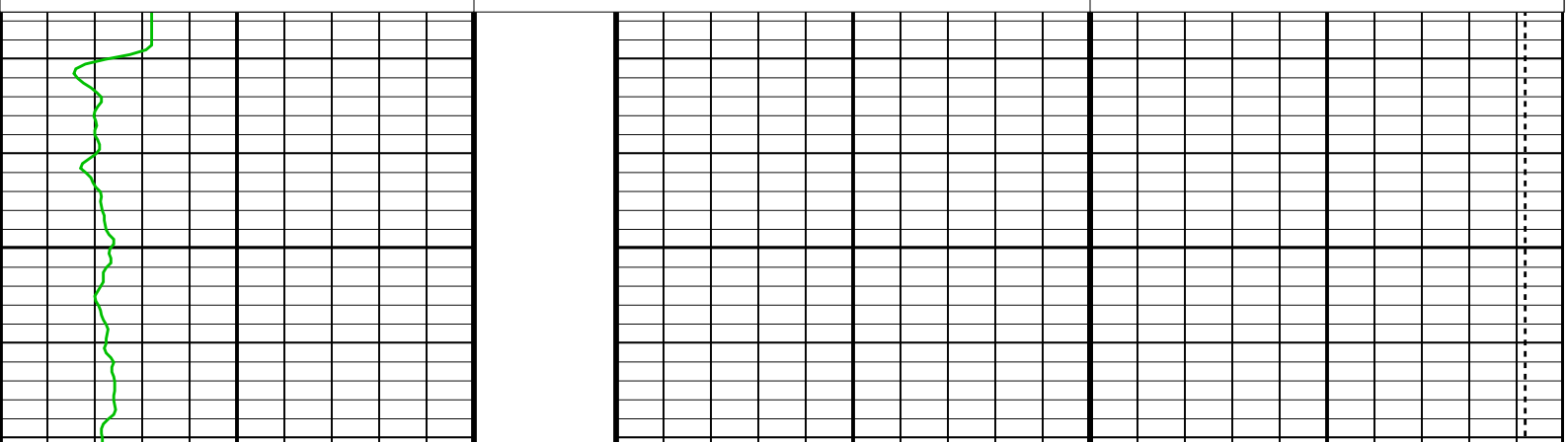
DEFAULT	MDT_OFA_109PUP	FN:119	PRODUCER	18−Feb−2007 03:33	2161.5 FT	1725.0 FT

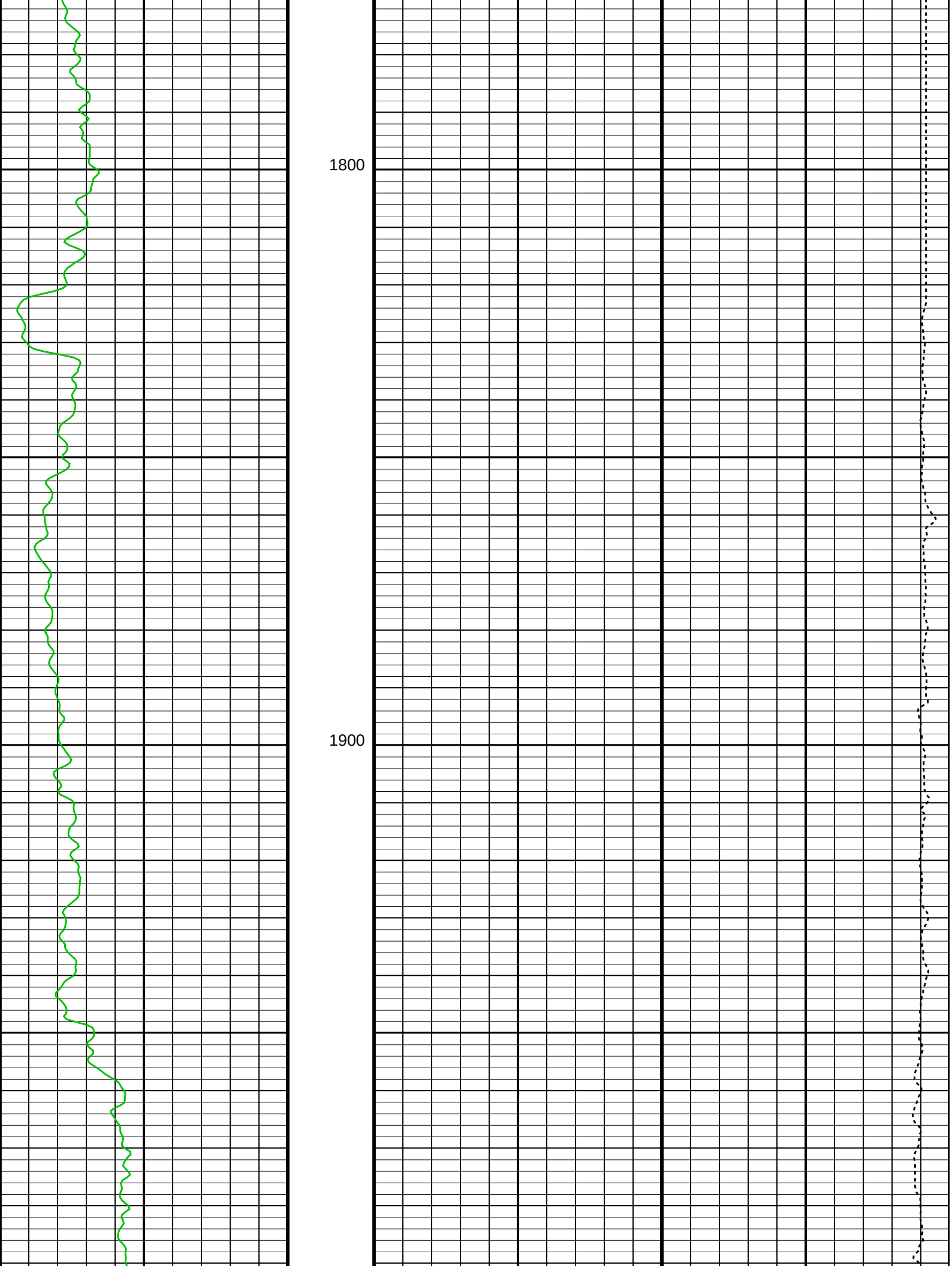
OP System Version: 14C0−302

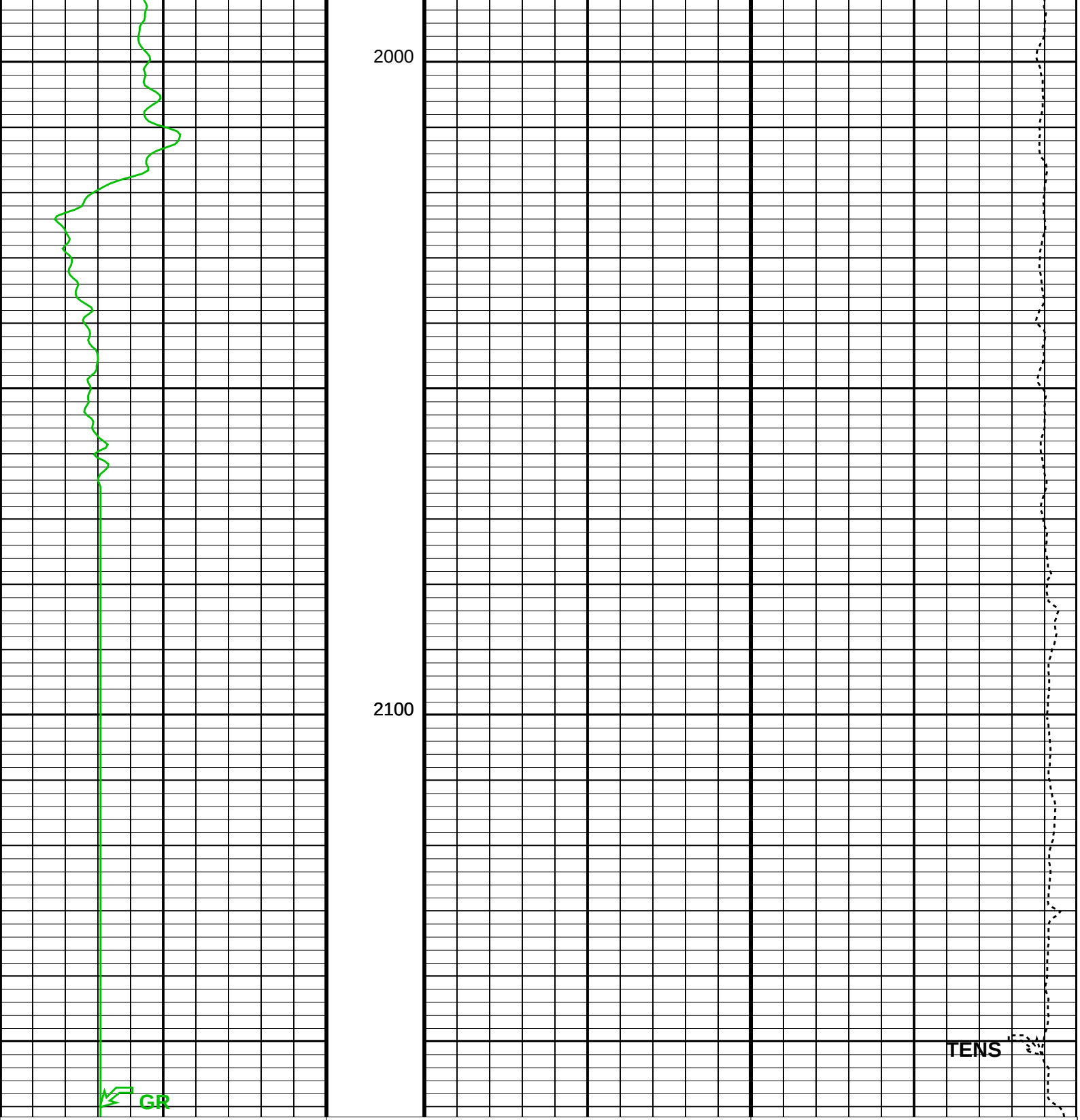
MCM

MRPA	SPC−3287−MDT_b	MRPS_1	SPC−3287−MDT_b
MRHY_1	SPC−3287−MDT_b	MRSC_01	SPC−3287−MDT_b
LFA	SPC−3287−MDT_b	MRPO	SPC−3287−MDT_b
MRSC_02	SPC−3287−MDT_b	MRPO_2	SPC−3287−MDT_b
CGA	SPC−3287−MDT_b	MRSC_03	SPC−3287−MDT_b
MRMS_1	SPC−3287−MDT_b	MRPC	SPC−3287−MDT_b
SGT−L	SPC−3287−MDT_b	ACTS−B1	SPC−3287−MDT_b
TCC−BF	14C0−302		

Gamma Ray (GR)			Tension (TENS)	
0	(GAPI)	150	10000 (LBF)	0




1800
1900



Gamma Ray (GR)
0 (GAPI) 150

Tension (TENS)
10000 (LBF) 0

Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	CGA: Condensate & Gas Analyzer		
PDCO	Probe Depth Correction Offset	0	FT
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	FT
	System and Miscellaneous		
DO	Depth Offset for Playback	0.0	FT
PP	Playback Processing	NORMAL	

OP System Version: 14C0-302

MCM

MRPA	SPC-3287-MDT_b	MRPS_1	SPC-3287-MDT_b
MRHY_1	SPC-3287-MDT_b	MRSC_01	SPC-3287-MDT_b
LFA	SPC-3287-MDT_b	MRPO	SPC-3287-MDT_b
MRSC_02	SPC-3287-MDT_b	MRPO_2	SPC-3287-MDT_b
CGA	SPC-3287-MDT_b	MRSC_03	SPC-3287-MDT_b
MRMS_1	SPC-3287-MDT_b	MRPC	SPC-3287-MDT_b
SGT-L	SPC-3287-MDT_b	ACTS-B1	SPC-3287-MDT_b
TCC-BF	14C0-302		

Input DLIS Files

DEFAULT	Flip_MDT_OFA_108LUP	PRODUCER	18-Feb-2007 03:32	2161.5 FT	1725.0 FT

Output DLIS Files

DEFAULT	MDT_OFA_109PUP	FN:119	PRODUCER	18-Feb-2007 03:33

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GUAGE CALIBRATIONS

MAXIS Field Log

Strain Gauge (Packer Module)

Serial Number:	199100
Range:	10K
Calibration Date:	12/08/06
Mean Quadratic Deviation:	1.3839
Offset:	0.0000 PSI
Calibration Pressure Unit:	PSI
Calibration Temperature Unit:	DEGF

	G	H	I	J
0	-3.443496e+002	1.006138e+000	1.333746e-007	-2.984971e-011
1	4.104609e-002	-2.007706e-005	-4.892664e-009	1.837149e-013
2	-7.907924e-004	1.478460e-007	1.262304e-011	-3.545440e-016
3	1.592783e-006	-2.633996e-010	-1.113343e-014	0.000000e+000

Vert Strain Gauge (Single Probe Module 1)

Serial Number:	197584
Range:	10K
Calibration Date:	12/08/06
Mean Quadratic Deviation:	1.7278
Offset:	0.0000 PSI
Calibration Pressure Unit:	PSI

Calibration Temperature Unit: DEGF

	G	H	I	J
0	−4.878195e+002	9.967815e−001	1.681415e−006	−1.329331e−010
1	−7.654273e−002	9.083903e−005	−2.298377e−008	1.376799e−012
2	5.924841e−004	−1.563164e−007	4.271393e−011	−3.051689e−015
3	−1.244276e−007	−1.876621e−010	2.352019e−014	0.000000e+000

MASTER CALIBRATION SUMMARY: Quartz Gauge (Packer Module)

Calibration Pressure Unit:	PSIA
Calibration Temperature Unit:	DEGC
Sensor Comment:	:
Sensor Serial Number:	3642
Sensor Calibration Date (DDMMYY):	250506
Pressure Model:	P=F(Fc,Fb)
Pressure Matrix:	66
Pressure CRC:	57B5
Temperature Model:	T=F(Fb,Fc)
Temperature Matrix:	66
Temperature CRC:	8F40
Clock Comment:	:
Clock Serial Number:	417
Clock Calibration Date (DDMMYY):	280406
Clock Model:	Fclk=F(Fb'−Fc')
Clock Matrix:	16
Clock CRC:	7134
Fc Offset:	+.514400000000E+07 Hz
Fb Offset:	+.558800000000E+07 Hz
R Offset:	+.470000000000E+06 Hz

Pressure Coefficients

	Fb**0	Fb**1	Fb**2	Fb**3
Fc**0	+.632791160132E+0	+.212696710438E−0	−.336911802151E−0	−.806834690354E−1
Fc**1	−.102400101538E+0	−.124504652333E−0	−.992948704548E−1	−.263628802906E−1
Fc**2	+.838163330120E−0	+.381367642176E−1	+.656156141970E−1	+.308214384328E−1
Fc**3	+.568146730456E−1	+.870969899071E−1	−.100888903993E−1	−.931797109349E−2
Fc**4	+.762252412490E−1	+.148558785468E−1	+.408834789912E−2	+.127920020747E−2
Fc**5	−.849938617136E−2	−.522964540887E−2	+.162375022766E−2	+.203066324072E−3

	Fb**4	Fb**5
Fc**0	−.151751608328E−1	−.232799696562E−1
Fc**1	−.831250658790E−2	+.167100350001E−2
Fc**2	+.210852263566E−2	−.645135797004E−2

Fc**3	+.792718237799E−2	+.864103868454E−3
Fc**4	−.278729520715E−3	−.287825001045E−3
Fc**5	−.126621236498E−3	−.164837295975E−3

Temperature Coefficients

	Fc**0	Fc**1	Fc**2	Fc**3
Fb**0	+.107951808152E+0	−.466553480777E−0	+.660050122350E−0	+.117558224983E−1
Fb**1	−.605154840843E−0	+.153008784654E−0	+.187620488624E−1	−.623426209319E−1
Fb**2	−.325999299613E−0	+.294130791603E−1	+.209503929450E−1	+.684288527932E−2
Fb**3	−.304509771659E−1	+.304491198263E−1	−.130027817365E−2	+.118252681240E−2
Fb**4	−.440150955972E−1	+.234821274424E−2	+.159559638147E−2	+.235405434026E−3
Fb**5	−.819585276459E−2	+.302095500041E−2	+.168388968161E−2	−.266697551529E−3

	Fc**4	Fc**5
Fb**0	+.529908105415E−1	+.173186364844E−2
Fb**1	−.249446786787E−2	+.380993179218E−2
Fb**2	+.463989386416E−2	−.266535872204E−3
Fb**3	+.512103820336E−2	−.526879562549E−3
Fb**4	−.307203833618E−3	−.269481700800E−3
Fb**5	−.478549853951E−3	−.224749675008E−4

Clock Coefficients

F’b/F’c**0	+.517495767418E+0
F’b/F’c**1	+.522602337571E−0
F’b/F’c**2	+.820063292050E−0
F’b/F’c**3	−.645336742299E−1
F’b/F’c**4	−.521925877101E−1
F’b/F’c**5	+.473008957716E−2

MASTER CALIBRATION SUMMARY: Quartz Gauge (Single Probe Module 1)

Calibration Pressure Unit:	PSIA
Calibration Temperature Unit:	DEGC
Sensor Comment:	:
Sensor Serial Number:	3409
Sensor Calibration Date (DDMMYY):	271006
Pressure Model:	P=F(Fc,Fb)
Pressure Matrix:	66
Pressure CRC:	3E90
Temperature Model:	T=F(Fb,Fc)
Temperature Matrix:	66

Temperature CRC:	**8AFA**
Clock Comment:	**:**
Clock Serial Number:	**633**
Clock Calibration Date (DDMMYY):	**071106**
Clock Model:	**Fclk=F(Fb'−Fc')**
Clock Matrix:	**16**
Clock CRC:	**2958**
Fc Offset:	**+.514400000000E+07 Hz**
Fb Offset:	**+.558800000000E+07 Hz**
R Offset:	**+.470000000000E+06 Hz**

Pressure Coefficients

	Fb**0	Fb**1	Fb**2	Fb**3
Fc**0	+.649719816479E+0	+.711267651115E−0	−.422068057266E−0	−.821399877612E−1
Fc**1	−.104608465500E+0	−.124963013582E−0	−.904130241745E−1	−.505170965816E−1
Fc**2	+.109517089498E−0	+.395827498987E−1	+.625539248671E−1	+.121308197120E−1
Fc**3	+.347121430520E−1	−.277656881579E−1	+.451609219289E−1	+.114400955293E−2
Fc**4	+.246859325734E−1	+.838203611418E−1	−.321620134412E−2	−.240057291895E−2
Fc**5	+.301401994443E−1	+.943619968567E−2	−.116033073472E−2	−.248197789531E−3

	Fb**4	Fb**5
Fc**0	−.150224438050E−1	−.250898230533E−1
Fc**1	+.174968908801E−1	+.203553879242E−2
Fc**2	+.135885075303E−2	−.601013645132E−2
Fc**3	−.213043594636E−2	−.598720894629E−3
Fc**4	+.276081685283E−3	+.140451345229E−3
Fc**5	+.601627208797E−3	+.130105326192E−3

Temperature Coefficients

	Fc**0	Fc**1	Fc**2	Fc**3
Fb**0	+.111214510756E+0	−.265578213301E−0	+.621623330881E−0	−.968102414569E−1
Fb**1	−.604692148590E−0	+.190319725425E−0	+.168620333544E−1	+.226930188589E−1
Fb**2	−.316729916226E−0	+.298448743928E−1	+.742701256698E−1	+.329208449702E−2
Fb**3	−.277079342884E−1	+.780085061235E−1	−.594974267602E−2	−.259405520972E−2
Fb**4	−.361736474678E−1	+.654208971149E−2	+.181669244513E−2	−.211292637693E−2
Fb**5	−.686000815732E−2	+.522448815303E−2	+.781527560020E−2	+.321303744503E−3

	Fc**4	Fc**5
Fb**0	+.633730933493E−1	+.942726169592E−2
Fb**1	+.180406710397E−2	+.227876024226E−2
Fb**2	−.163533168704E−2	−.464380893813E−2
Fb**3	+.492260217482E−2	−.741245961882E−3
Fb**4	−.123071534506E−3	+.919060705651E−3
Fb**5	−.210801190256E−3	−.136827202985E−4

Clock Coefficients

F'b/F'c**0	+.517498348021E+0
F'b/F'c**1	+.351752934948E−0
F'b/F'c**2	+.899222957960E−0
F'b/F'c**3	−.635661810262E−1
F'b/F'c**4	−.523002408288E−1
F'b/F'c**5	+.466511819901E−2

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LFA CALIBRATIONS

MAXIS Field Log

Live Fluid Analyzer / Equipment Identification

Primary Equipment:
Live Fluid Analyzer (TW) MRFA − EA 8158

Auxiliary Equipment:

Live Fluid Analyzer Master Calibration

Spectrometer

Idx	Dry Dark Mode V	Value	Idx	Dry Source Mode V	Value	Idx	Dry Measure Mode V	Value
0		0.02548	0		1.094	0		2.298
1		0.02567	1		0.7620	1		1.854
2		0.02536	2		1.086	2		2.002
3		0.02535	3		0.8448	3		1.872
4		0.02592	4		0.8312	4		2.170
5		0.02572	5		0.8345	5		2.408
6		0.02546	6		0.7812	6		2.389
7		0.02573	7		0.9191	7		2.442
8		0.02532	8		0.8678	8		1.675
9		0.02536	9		1.615	9		2.323
	0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)			0.2000 (Minimum) 1.700 (Nominal) 3.200 (Maximum)			1.350 (Minimum) 2.700 (Nominal) 3.200 (Maximum)	

Idx	Oil Dark Mode V	Value	Idx	Oil Source Mode V	Value	Idx	Oil Measure Mode V	Value
0		0.02549	0		1.093	0		2.092
1		0.02565	1		0.7646	1		2.103

Idx		Value
2		0.02537
3		0.02538
4		0.02594
5		0.02574
6		0.02546
7		0.02575
8		0.02530
9		0.02532

0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)

Idx		Value
2		1.089
3		0.8459
4		0.8316
5		0.8342
6		0.7800
7		0.9179
8		0.8651
9		1.614

0.2000 (Minimum) 1.700 (Nominal) 3.200 (Maximum)

Idx		Value
2		2.278
3		2.135
4		2.483
5		2.705
6		2.399
7		2.692
8		0.2863
9		1.714

0 (Minimum) 1.000 (Nominal) 4.500 (Maximum)

Idx	Water Dark Mode V	Value
0		0.02547
1		0.02563
2		0.02536
3		0.02535
4		0.02594
5		0.02570
6		0.02542
7		0.02574
8		0.02528
9		0.02534

0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)

Idx	Water Source Mode V	Value
0		1.091
1		0.7644
2		1.089
3		0.8460
4		0.8315
5		0.8330
6		0.7778
7		0.9150
8		0.8655
9		1.613

0.2000 (Minimum) 1.700 (Nominal) 3.200 (Maximum)

Idx	Water Measure Mode V	Value
0		0.7683
1		2.004
2		2.173
3		2.036
4		2.327
5		2.053
6		0.02937
7		0.5810
8		0.5153
9		0.02565

0 (Minimum) 1.000 (Nominal) 4.500 (Maximum)

Master: 5−Dec−2006 9:26

Live Fluid Analyzer Master Calibration

Gas Detector

Idx	Dry Dark Mode V	Value
0		0.02534
1		0.02545
2		0.02532
3		0.02564
4		0.02542
5		0.02537

0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)

Idx	Dry Measure Mode V	Value
0		0.1325
1		0.2645
2		0.7034
3		0.7097
4		0.6487
5		0.5146

0 (Minimum) 0.5000 (Nominal) 1.000 (Maximum)

Idx	Dry Normalized V	Value
0		0.1566
1		0.3495
2		0.9912
3		1.000
4		0.9111
5		0.7151

0.1000 (Minimum) 0.2400 (Nominal) 0.5000 (Maximum)
0.2000 (Minimum) 0.4600 (Nominal) 0.8000 (Maximum)
0.7000 (Minimum) 1.010 (Nominal) 1.300 (Maximum)
1.000 (Minimum) 1.000 (Nominal) 1.000 (Maximum)
0.6000 (Minimum) 0.9200 (Nominal) 1.200 (Maximum)
0.4000 (Minimum) 0.7500 (Nominal) 1.000 (Maximum)

Idx	Water Dark Mode V	Value
0		0.02532
1		0.02539
2		0.02532
3		0.02563
4		0.02542
5		0.02539

0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)

Idx	Water Measure Mode V	Value
0		0.1192
1		0.1316
2		0.1157
3		0.1025
4		0.1025
5		0.09965

0 (Minimum) 1.000 (Nominal) 4.500 (Maximum)

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Live Fluid Analyzer Master Calibration					
Gas Detector Source Intensity					
Source Intensity Dark Mode V			Value	Source Intensity Source Mode V			Value
			0.02951				0.2737
0.01700 (Minimum)	0.02600 (Nominal)	0.03500 (Maximum)		0.1900 (Minimum)	0.2500 (Nominal)	0.3100 (Maximum)	
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Live Fluid Analyzer Master Calibration							
Absorption Coefficients							
Idx	Oil Absorption Coefficients V		Value	Idx	Water Absorption Coefficients V		Value
0			0.04125	0			0.4855
0 (Minimum)	0.05500 (Nominal)	0.1100 (Maximum)		0.4300 (Minimum)	0.4800 (Nominal)	0.5300 (Maximum)	
1			−0.05538	1			−0.03425
−0.1000 (Minimum)	−0.06000 (Nominal)	−0.02000 (Maximum)		−0.09000 (Minimum)	−0.05000 (Nominal)	−0.010000 (Maximum)	
2			−0.05681	2			−0.03604
−0.1000 (Minimum)	−0.06500 (Nominal)	−0.03000 (Maximum)		−0.09000 (Minimum)	−0.05500 (Nominal)	−0.02000 (Maximum)	
3			−0.05797	3			−0.03710
−0.1000 (Minimum)	−0.06000 (Nominal)	−0.02000 (Maximum)		−0.09000 (Minimum)	−0.05500 (Nominal)	−0.02000 (Maximum)	
4			−0.05915	4			−0.03067
−0.1000 (Minimum)	−0.06000 (Nominal)	−0.02000 (Maximum)		−0.07000 (Minimum)	−0.03500 (Nominal)	0 (Maximum)	
5			−0.05098	5			0.07009
−0.08000 (Minimum)	−0.04500 (Nominal)	−0.010000 (Maximum)		0.02000 (Minimum)	0.06000 (Nominal)	0.1000 (Maximum)	
6			−0.001891	6			2.777
−0.03000 (Minimum)	−0.005000 (Nominal)	0.02000 (Maximum)		2.520 (Minimum)	2.660 (Nominal)	2.800 (Maximum)	
7			−0.04275	7			0.6386
−0.08000 (Minimum)	−0.04000 (Nominal)	0 (Maximum)		0.5500 (Minimum)	0.6200 (Nominal)	0.6900 (Maximum)	
8			0.8007	8			0.5272
0.6600 (Minimum)	0.7500 (Nominal)	0.8400 (Maximum)		0.4700 (Minimum)	0.5150 (Nominal)	0.5600 (Maximum)	
9			0.1337	9			3.873
0.08000 (Minimum)	0.1300 (Nominal)	0.1800 (Maximum)		2.500 (Minimum)	3.850 (Nominal)	50.00 (Maximum)	
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Company: **BP EXPLORATION (ALASKA), INC.**

Schlumberger

Well: **BP−DOE−MT.ELBERT−01**
Field: **MILNE POINT**
Borough: **NORTH SLOPE**
State: **ALASKA**

MODULAR DYNAMIC TESTER LOG
MDT, GAMMA RAY
14−FEB−2006