

# SCHLUMBERGER

## INDUCTION ELECTRICAL LOG

SCHLUMBERGER OF CANADA  
Calgary, Alberta

PROVINCE YUKON TERRITORY  
 FIELD WILDCAT  
 WELL NORTH BEAVER RIVER  
YT 1-27  
 COMPANY CANADA SOUTHERN  
PETROLEUM LIMITED

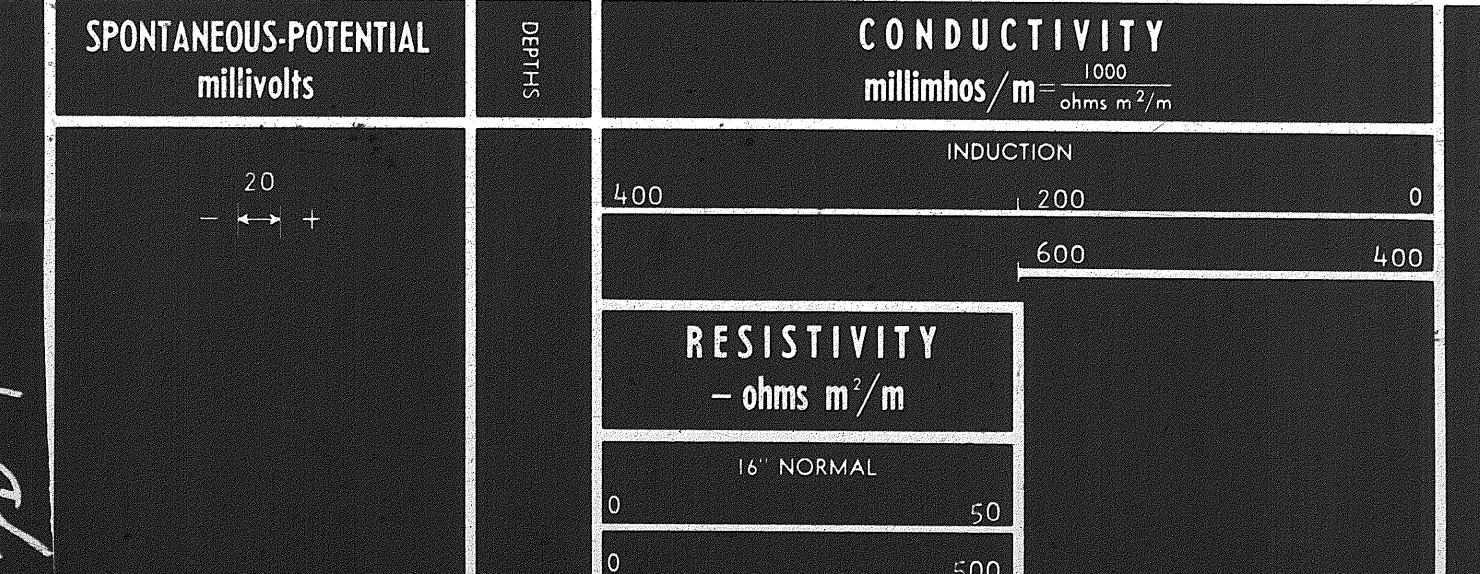
COMPANY CANADA SOUTHERN PETROLEUM LIMITED  
 WELL NORTH BEAVER RIVER YT 1-27  
 FIELD WILDCAT  
 PROVINCE YUKON TERRITORY  
 LOCATION GRID 124°01' 60°10'  
NE CORNER SEC-27 UNIT-1  
 Permanent Datum GL Elev. 1430 Other Services: SGR, MLC, DL  
 Log Measured From KB, 16.1 ft. Above Perm. Datum ELEV. KB 1446.1  
GL 1430.0 CBF

Date	7 SEPT 63		
Run No.	ONE		
First reading	8098		
Last reading	1023		
Feet measured	7075		
Depth reached	8099		
Bottom Driller	8090		
Cg. SOC	1023		
Cg. Driller	1025		
Mud Nature	GEL-CHEM		
Dens. Visc.	11.8	107	
Mud pH	9.5		
Water Loss	3.9		
Res.	0.8 @ 74 F	@	F
"	0.39 @ 160 F	@	F
"	0.90 @ 60 F	@	F
"	1.52 @ 60 F	@	F
Bit Size	12 1/4"		
Spacing AM	12 1/4"		
Spacing MN	34 6"		
Ind. Type	6FF4.0		
Op. Rig Time	3 HRS		
Tuck No	2547		
Recorded By	CHENOSKY		
Witness	HARTLEY		

AV/11/9763/DC

REMARKS: B.H.T. 160 F Measured 4 HOURS AFTER CIRCULATION

Stand Off = 1.5 inches  
 Cartridge No. IRC-F  
 Panel No. IRP-F-198  
 Sonde No. IRS-M-26  
 IAP-D No. IAP-D-234  
 SBR SBR-4



1 of

1 of

600

400

RESISTIVITY

- ohms m<sup>2</sup>/m

16" NORMAL

0 50

0 500

INDUCTION

0 50

0 500

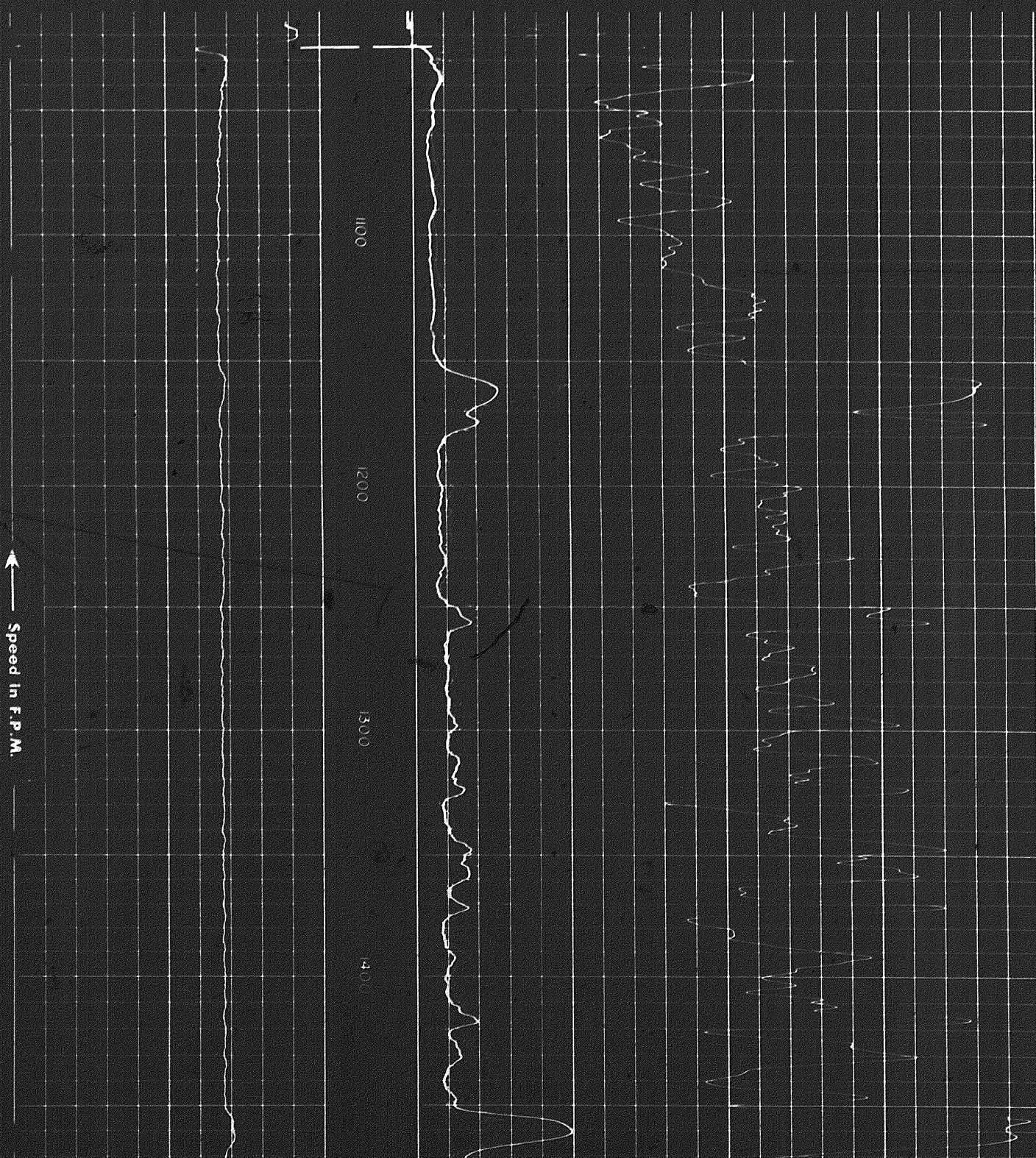
Speed in F.P.M.

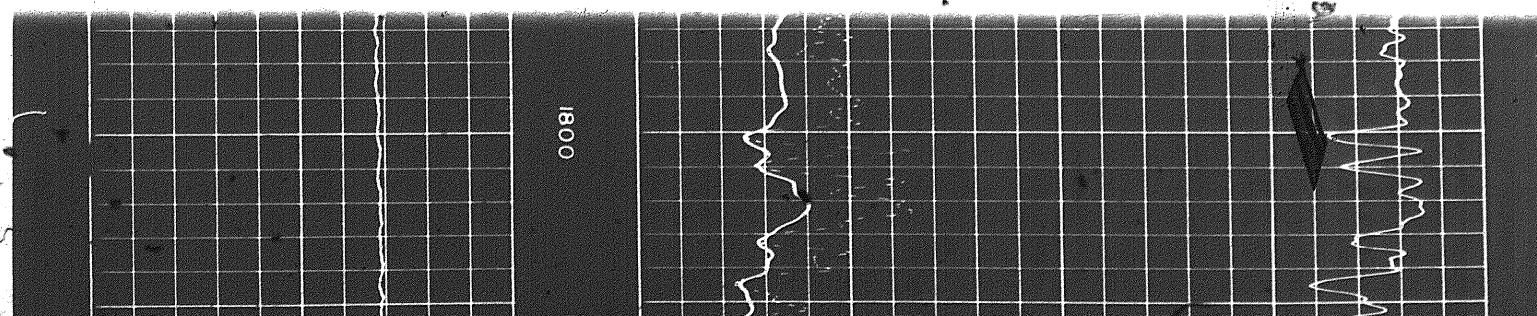
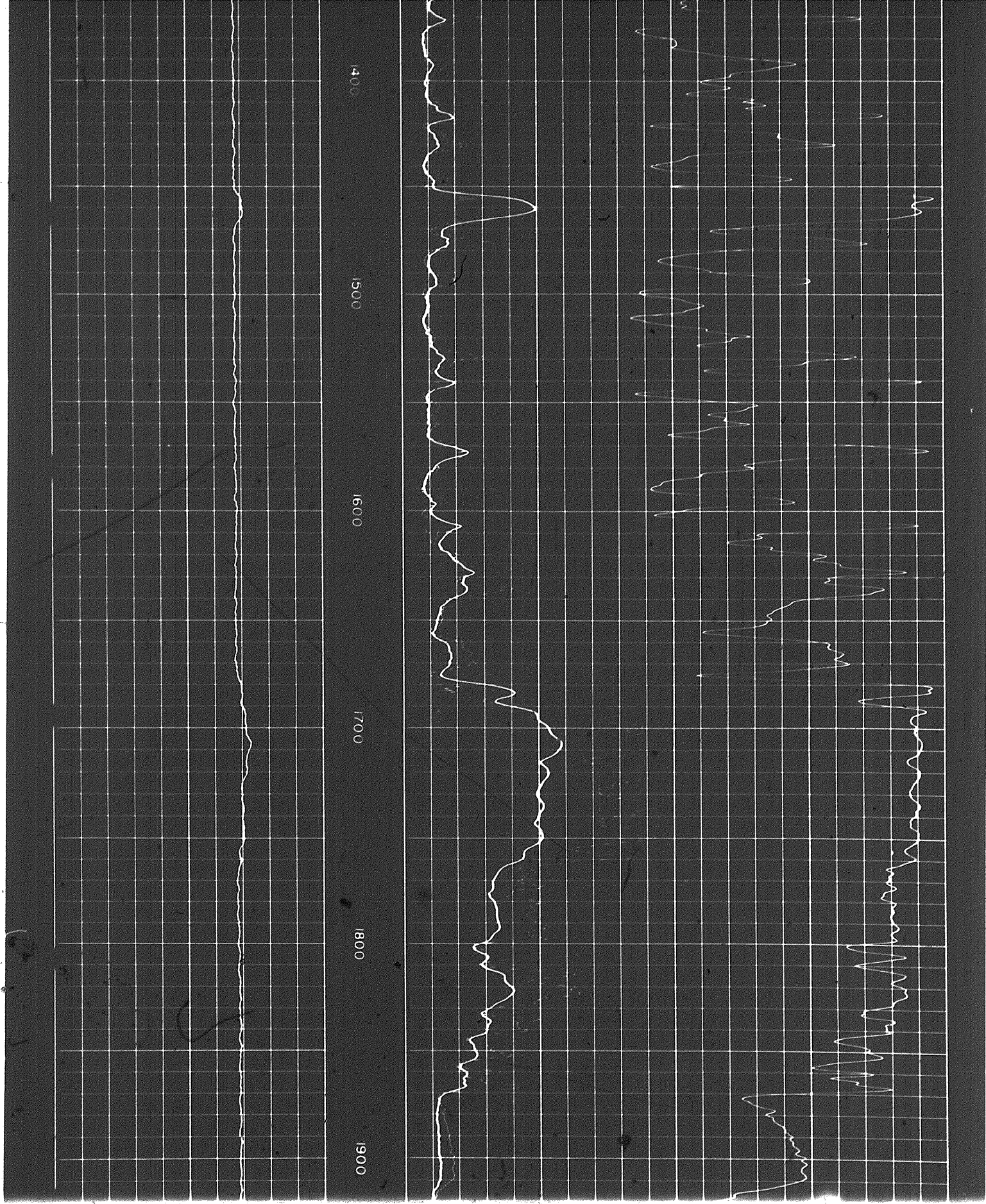
1100

1200

1300

1400





1900

1800

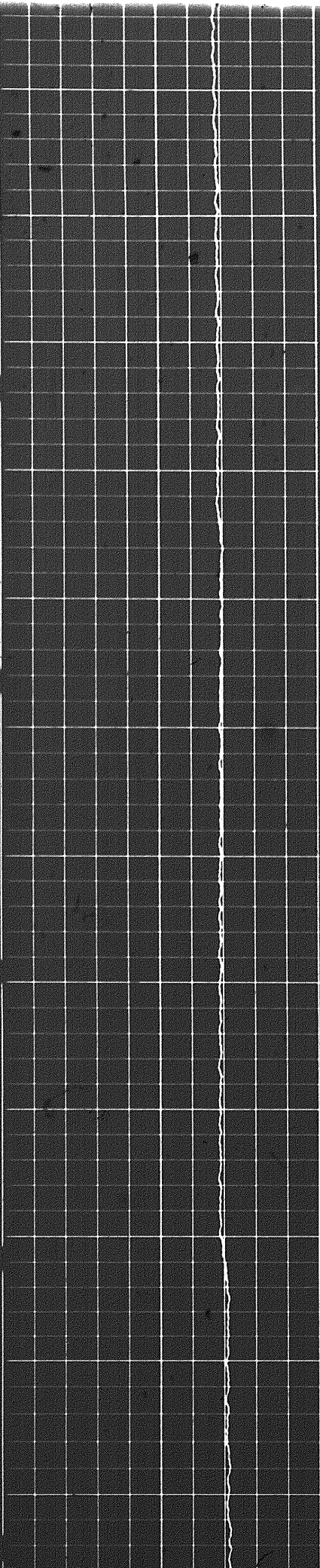
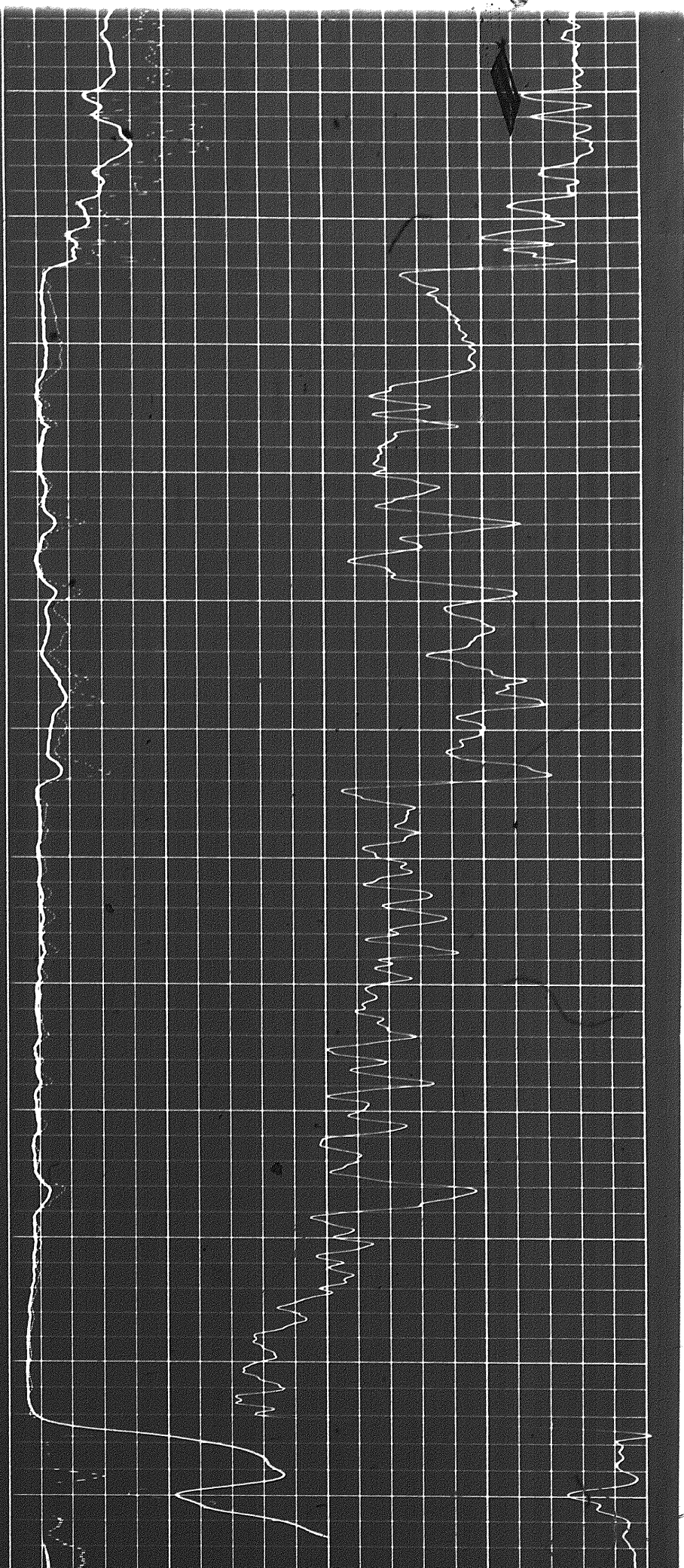
1900

2000

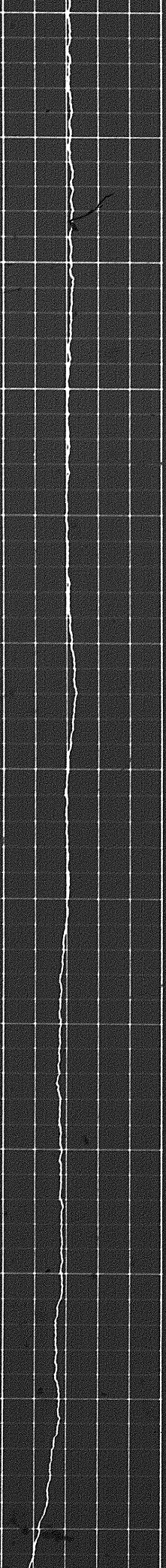
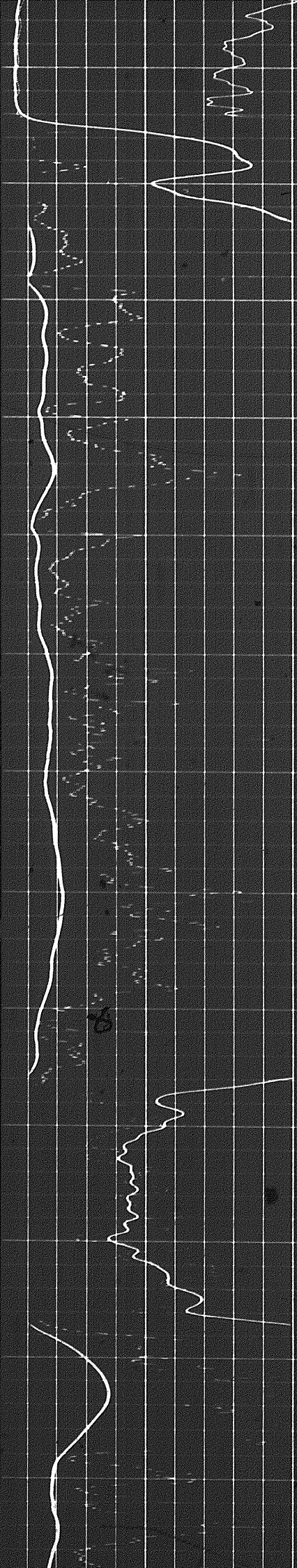
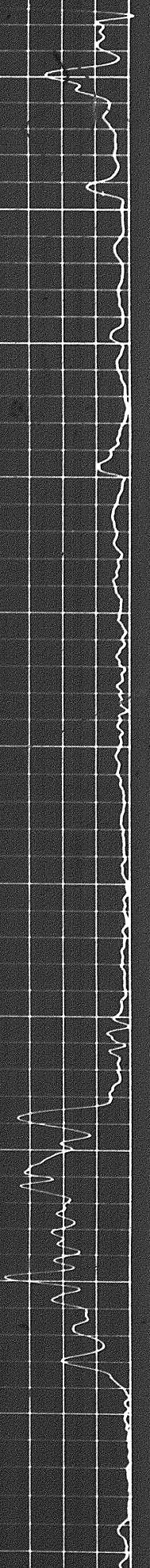
2100

2200

2300



291



2300

2400

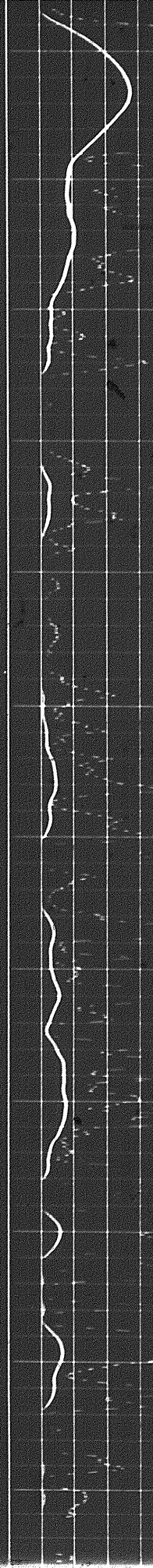
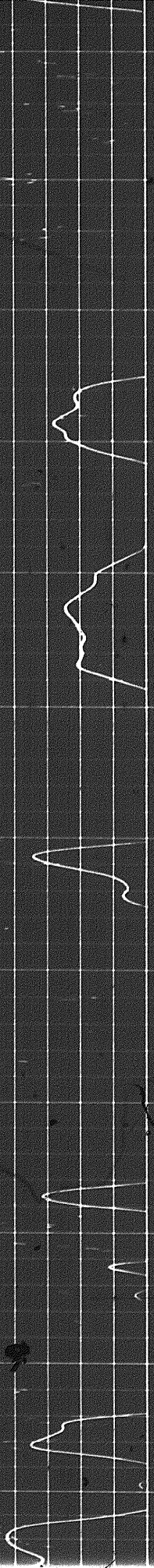
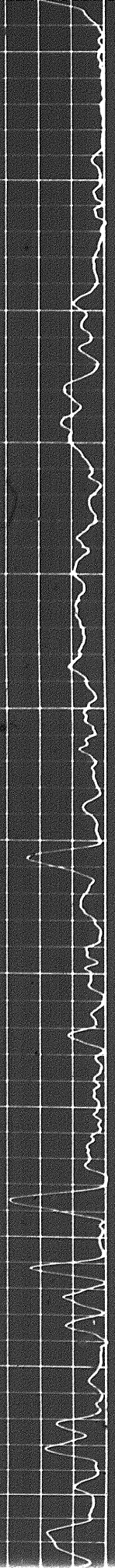
2500

2600

2700

2800

2900



2900

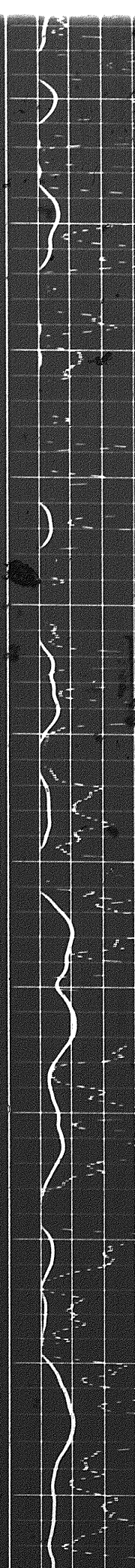
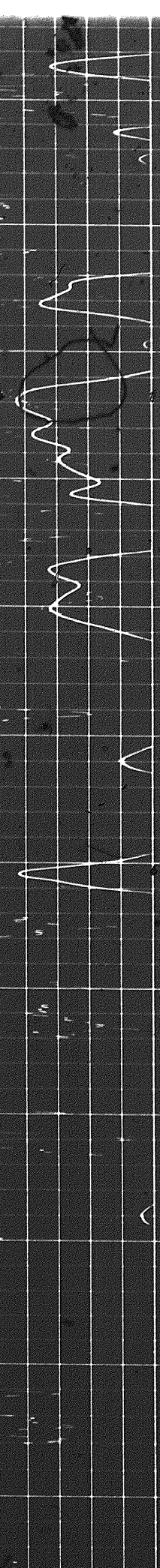
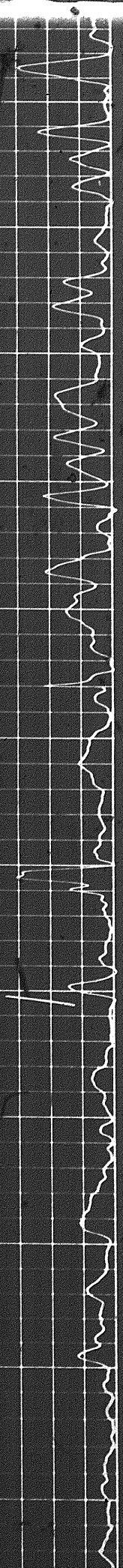
3000

3100

3200

3300

3400



3300

3400

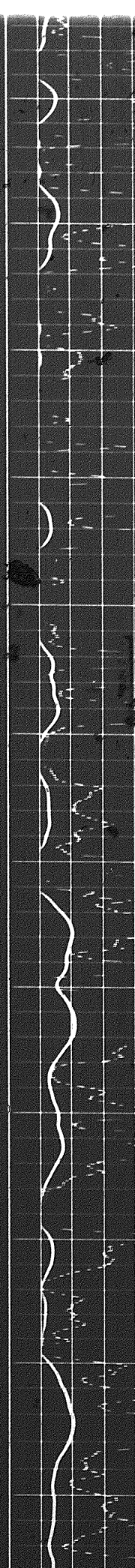
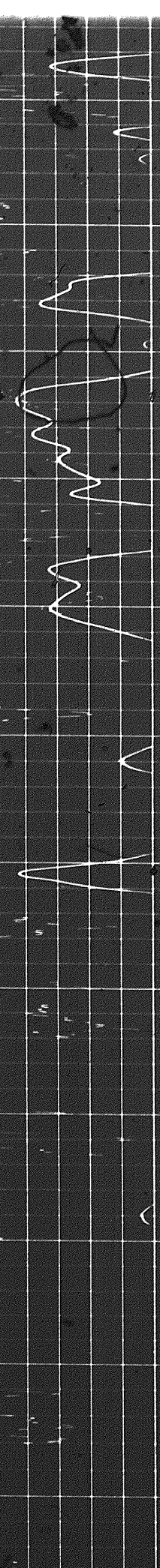
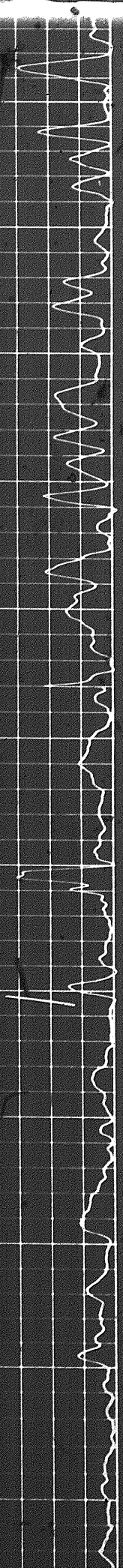
3500

3600

3700

3800

302



3300

3400

3500

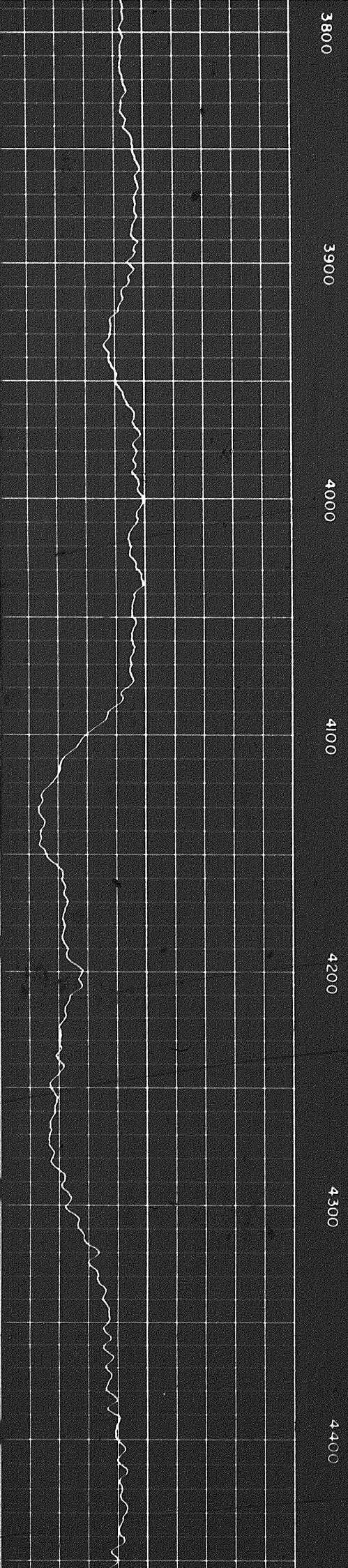
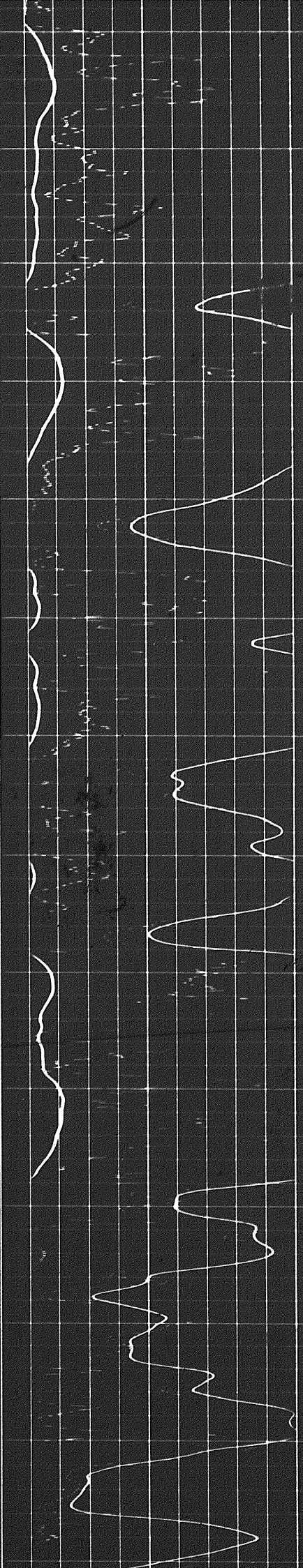
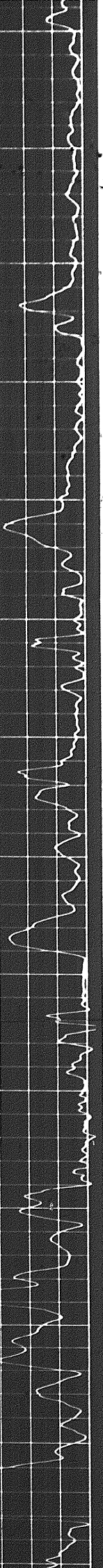
3600

3700

3800

302





3800

3900

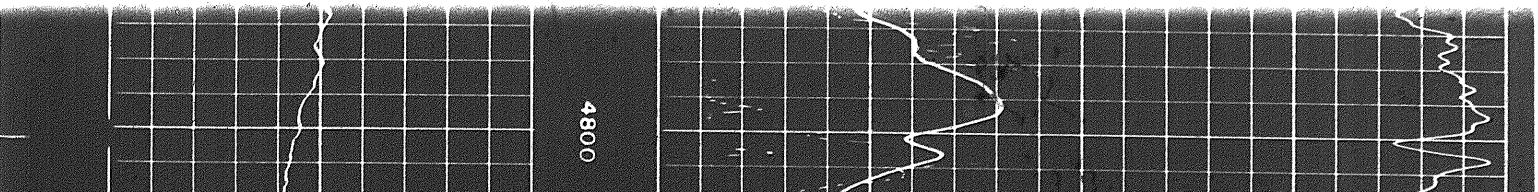
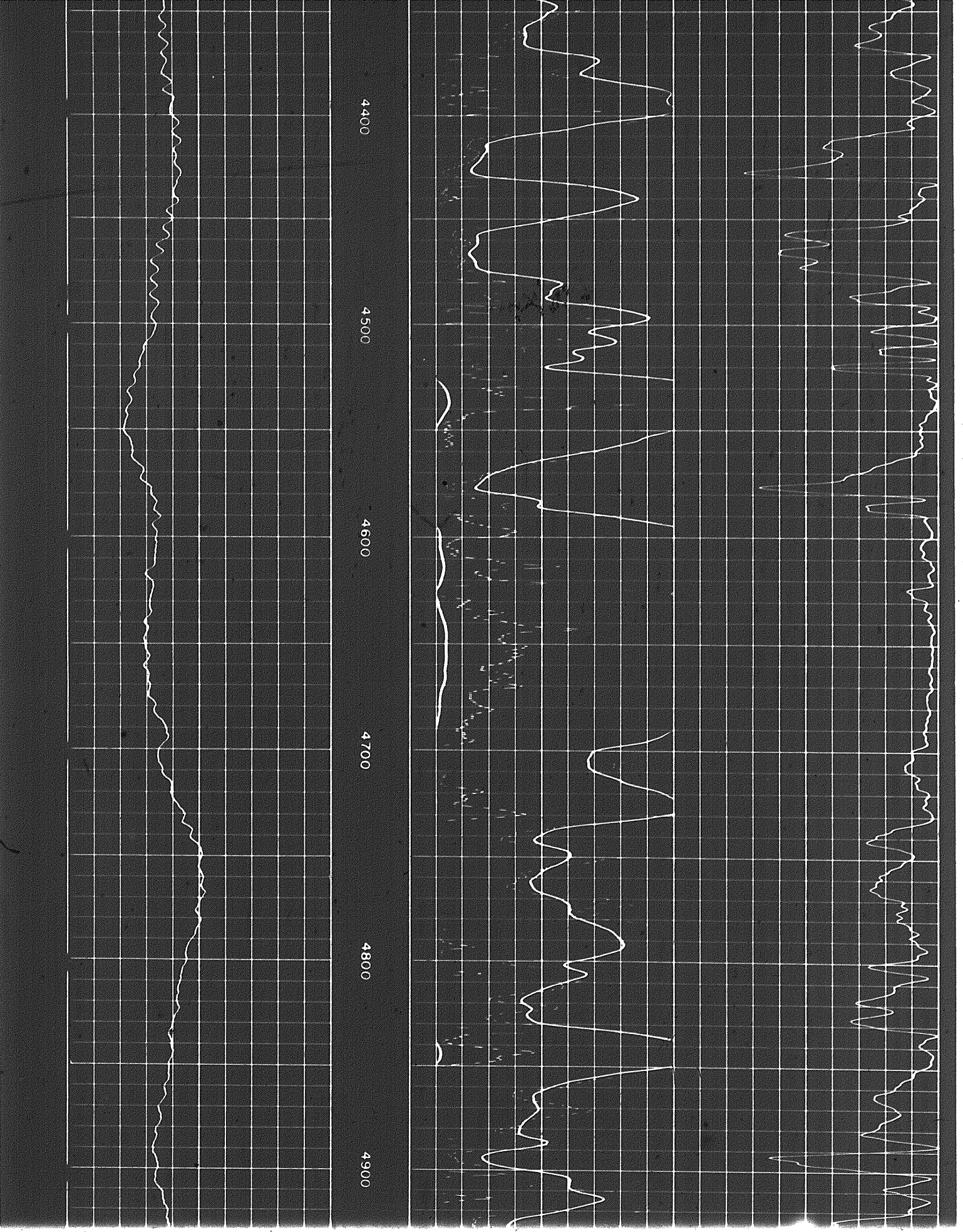
4000

4100

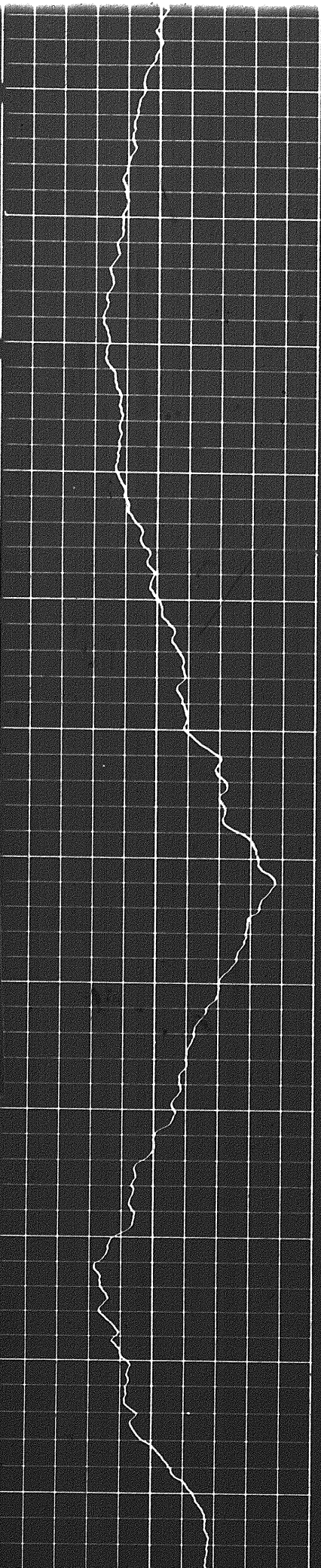
4200

4300

4400



4 of



4800

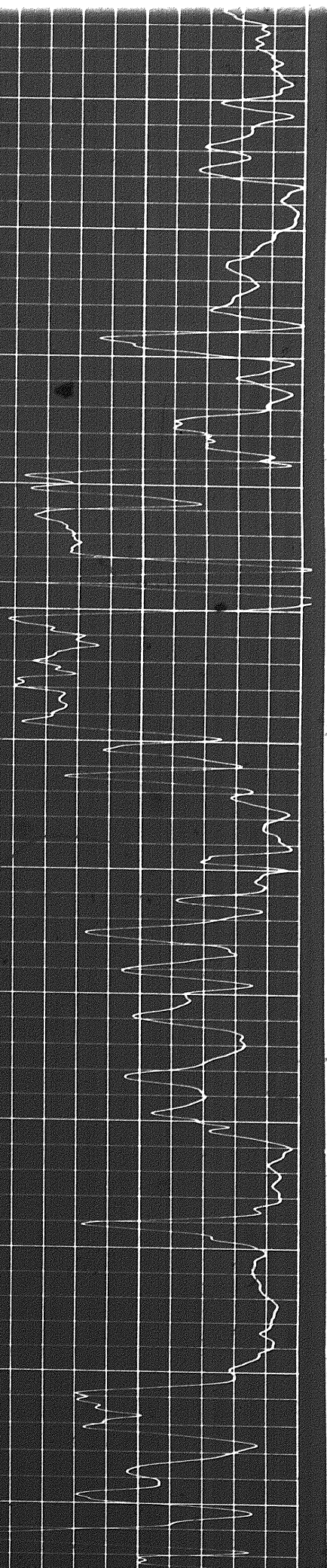
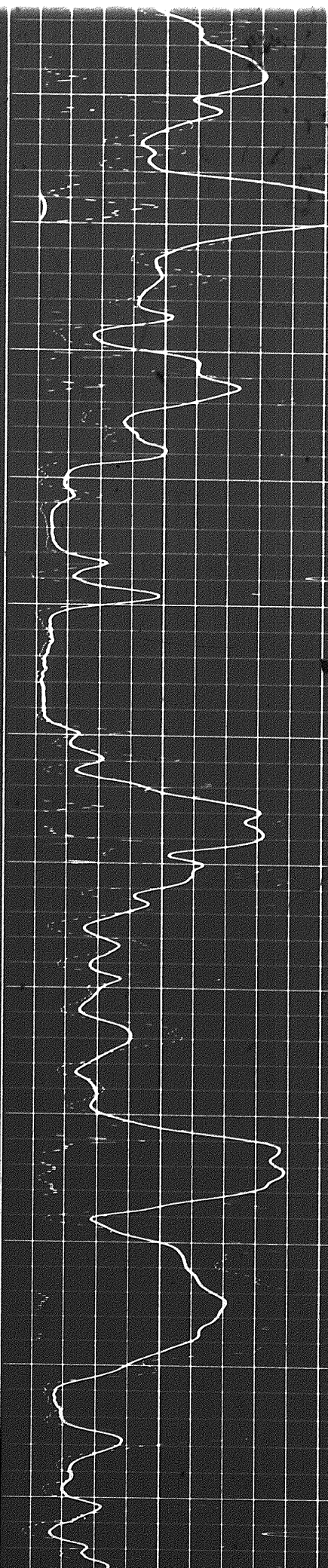
4900

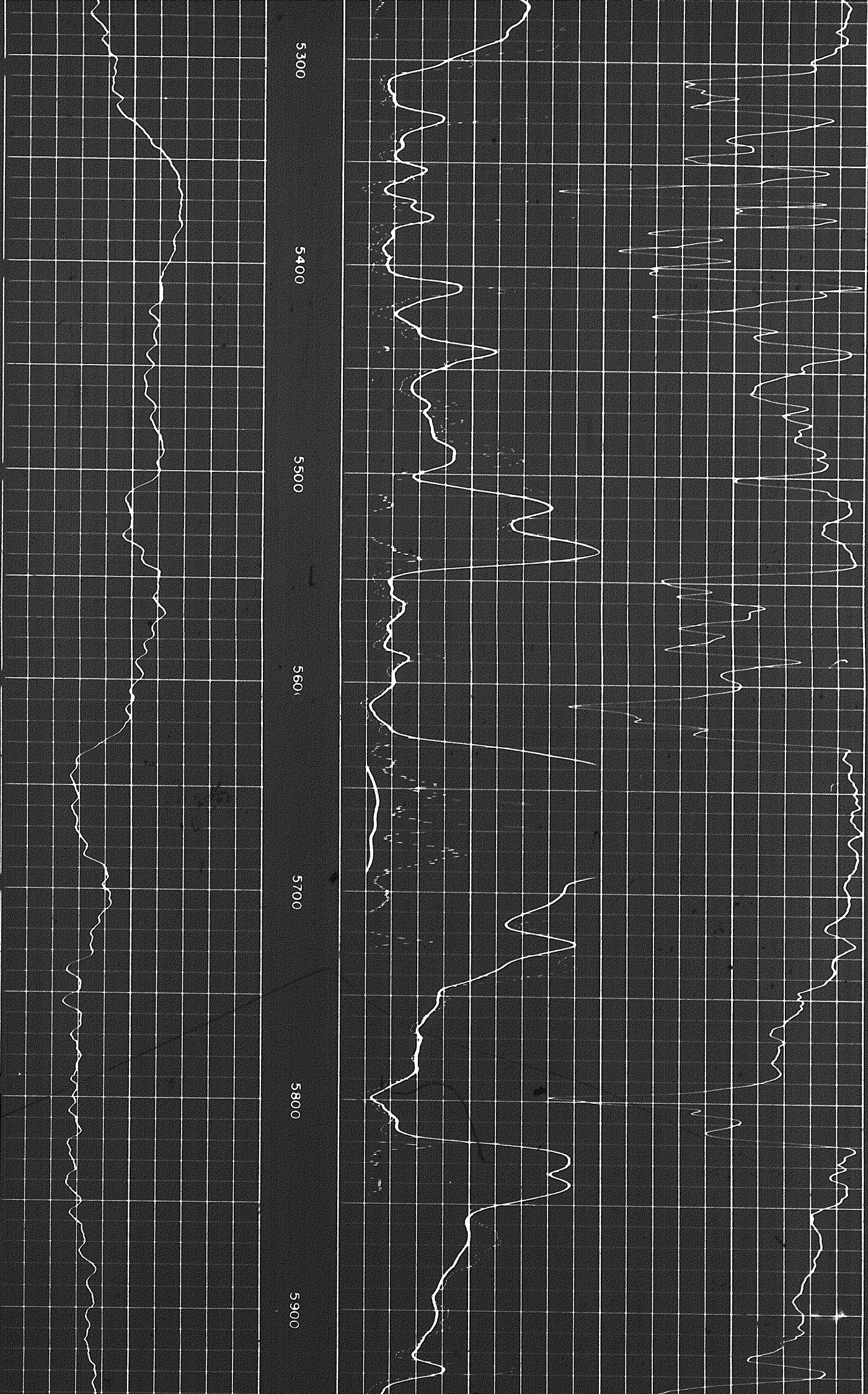
5000

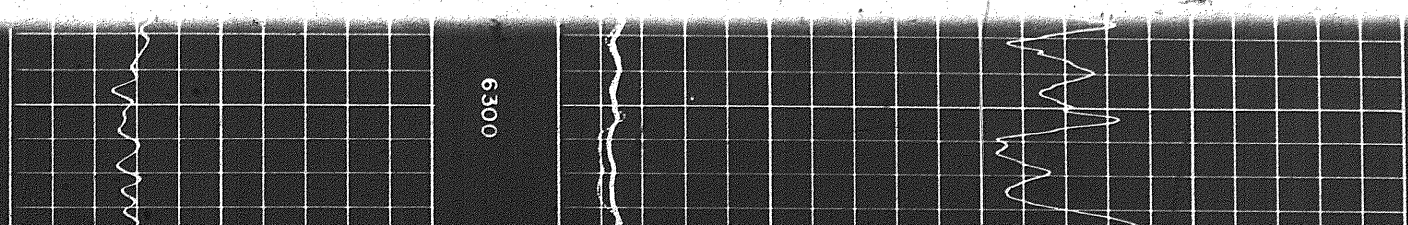
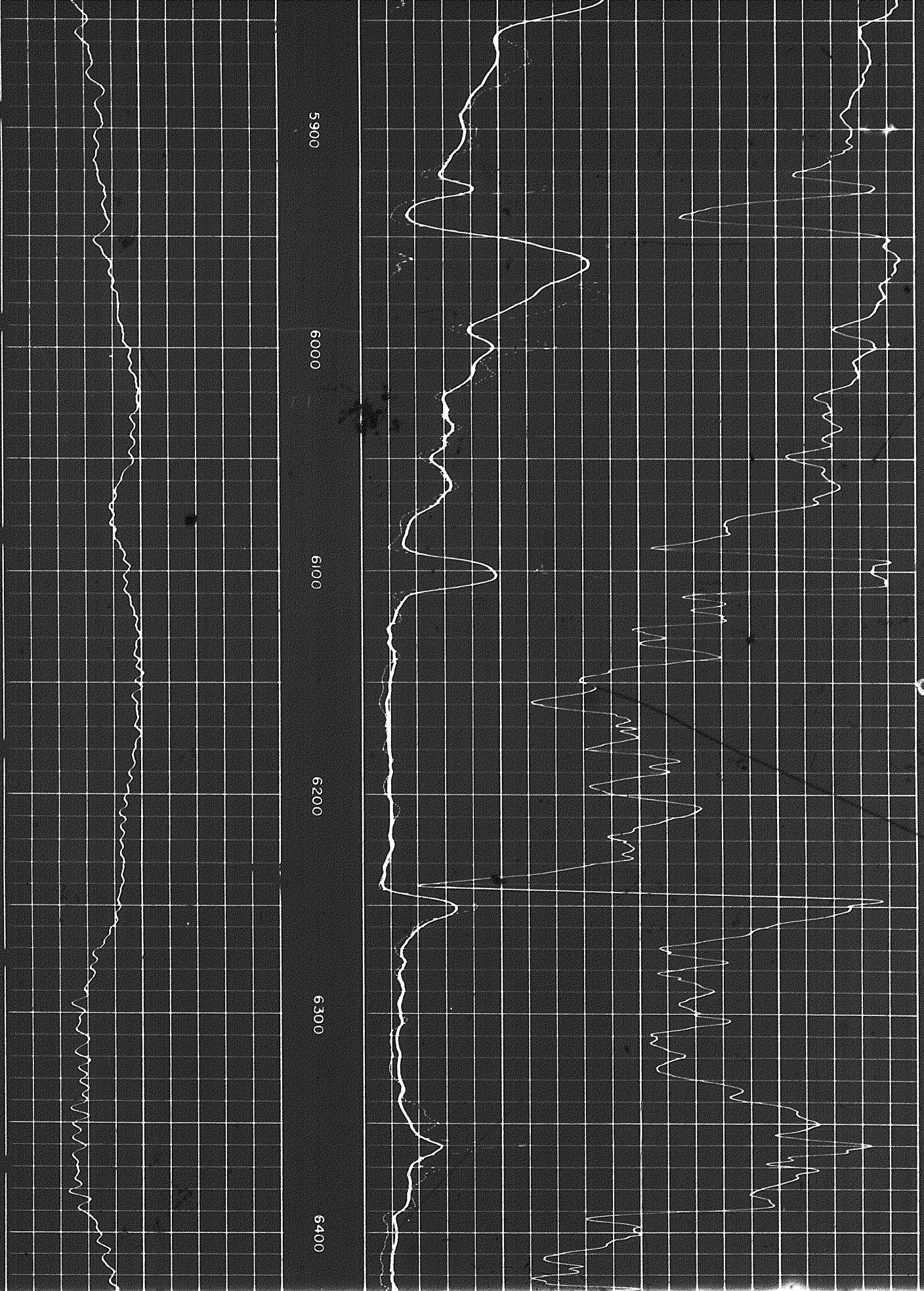
5100

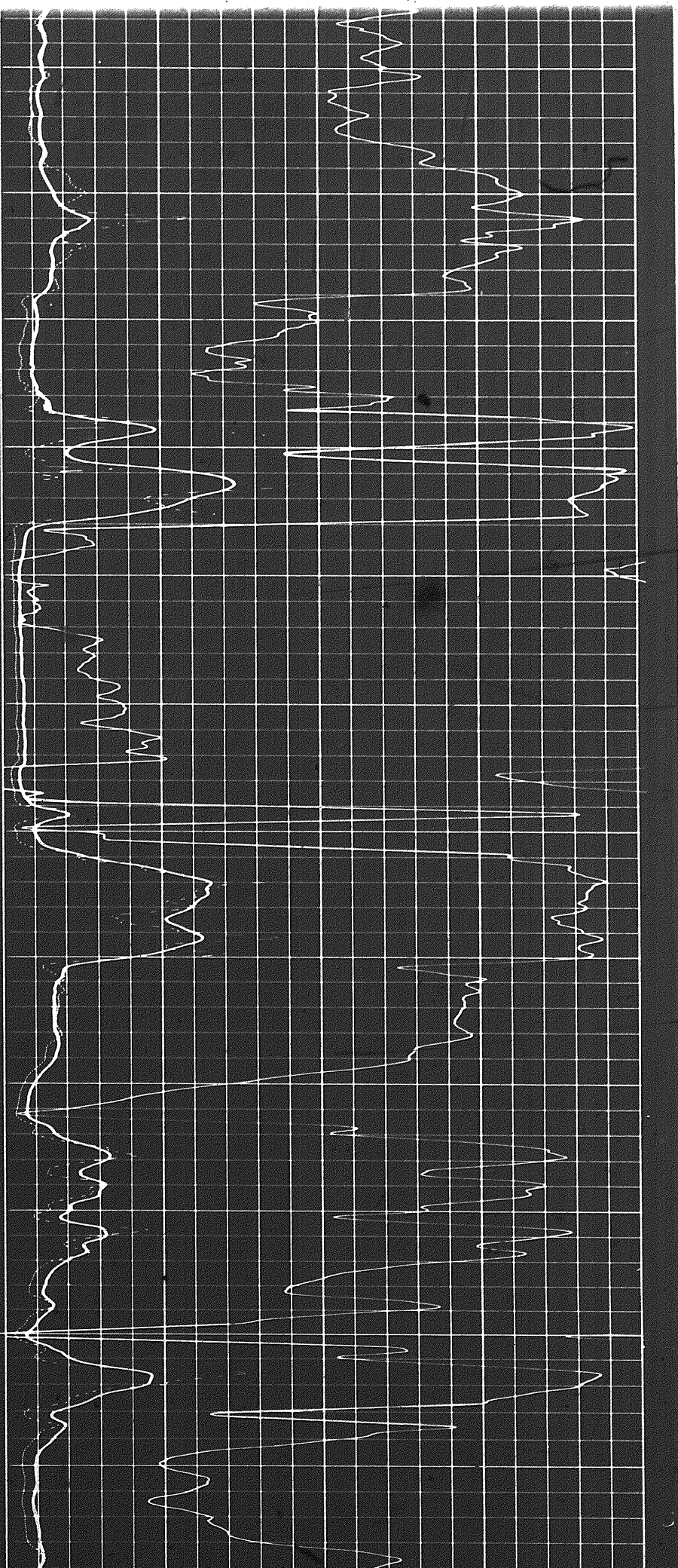
5200

5300









6300

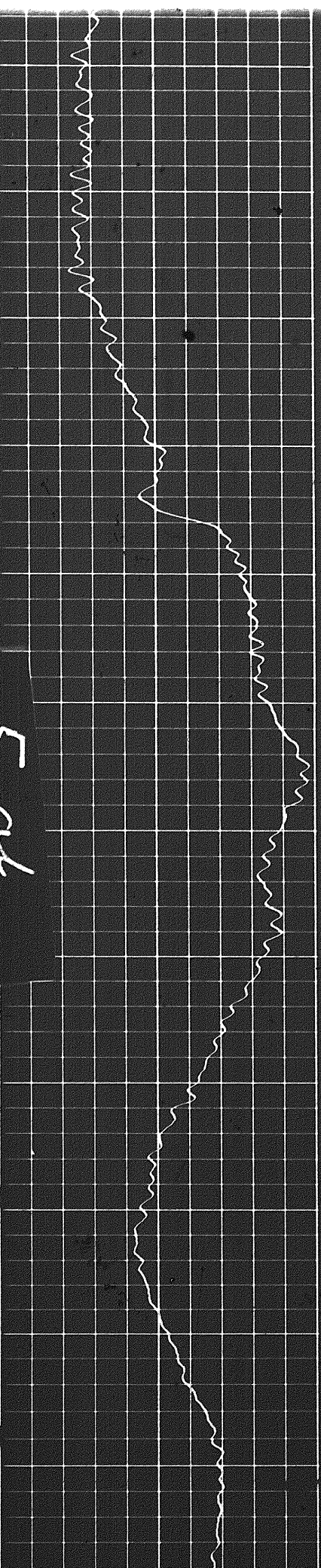
6400

6500

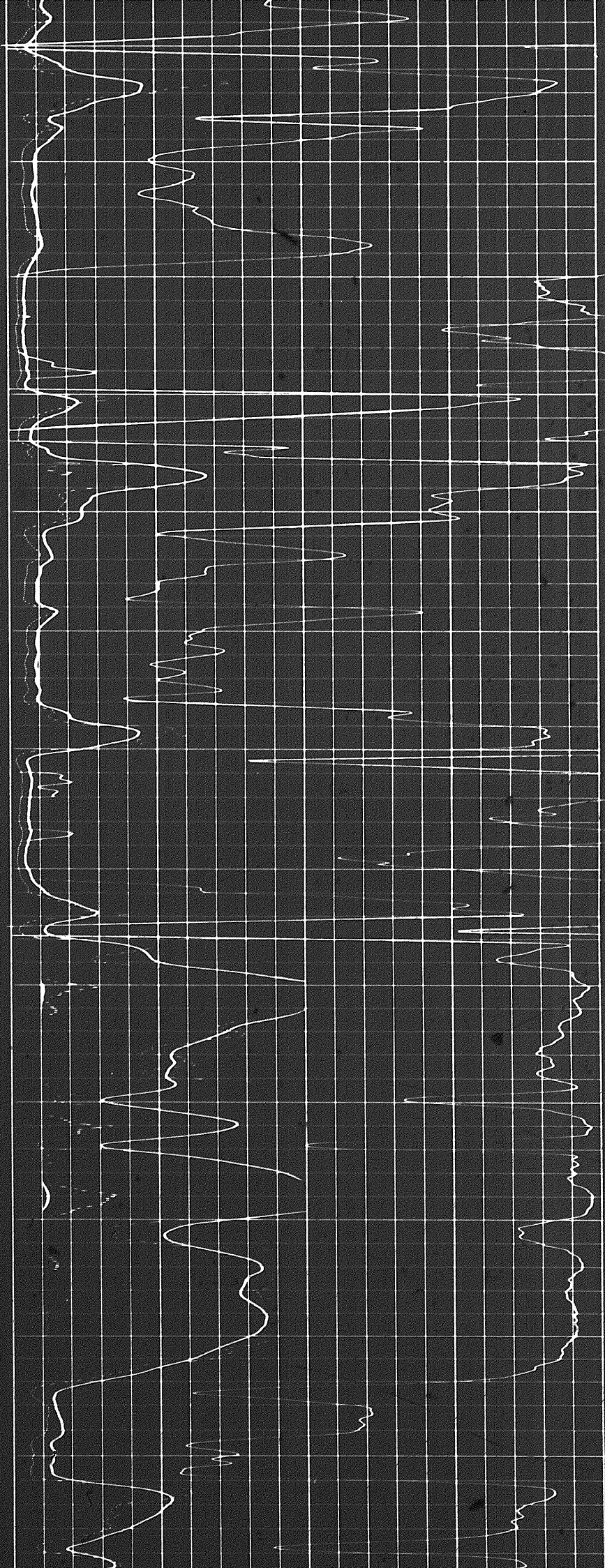
6600

6700

6800



5 of



6800

6900

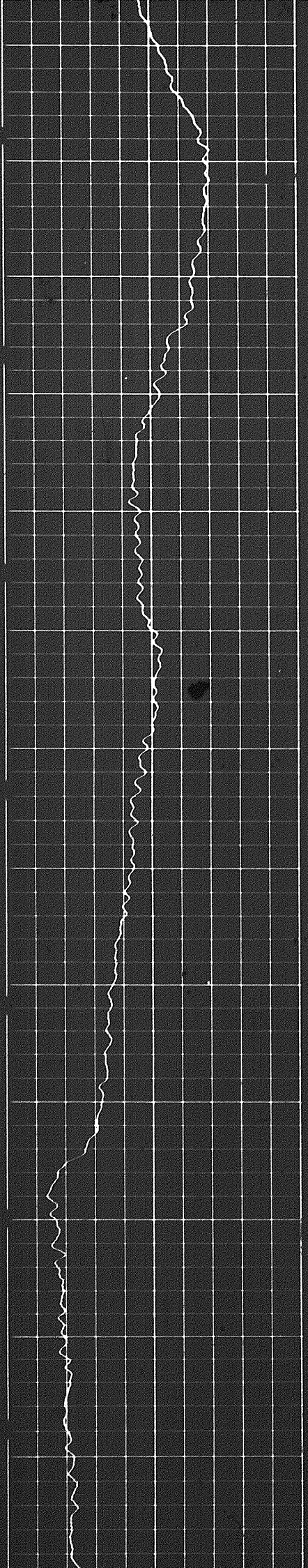
7000

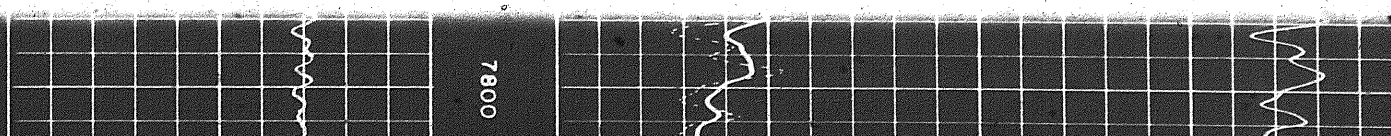
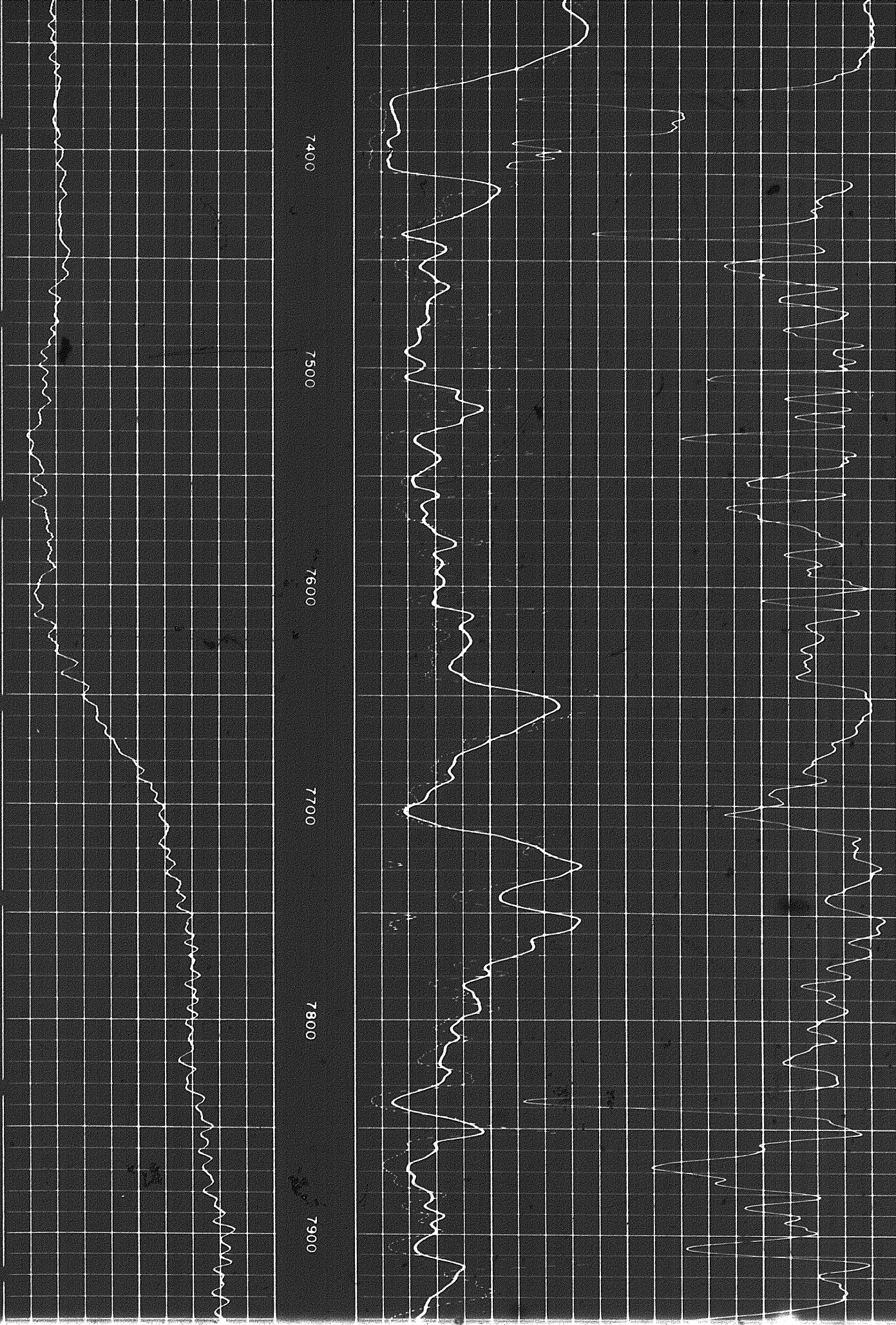
7100

7200

7300

7400







6 of

20  
↑↓

SPONTANEOUS-POTENTIAL  
millivolts

DEPTHS

CONDUCTIVITY  
millimhos / m =  $\frac{1000}{\text{ohms m}^2/\text{m}}$

DETAIL LOG

5" = 100'

7800  
7900  
8000  
8100  
FR

16" NORMAL  
0 50

0 500

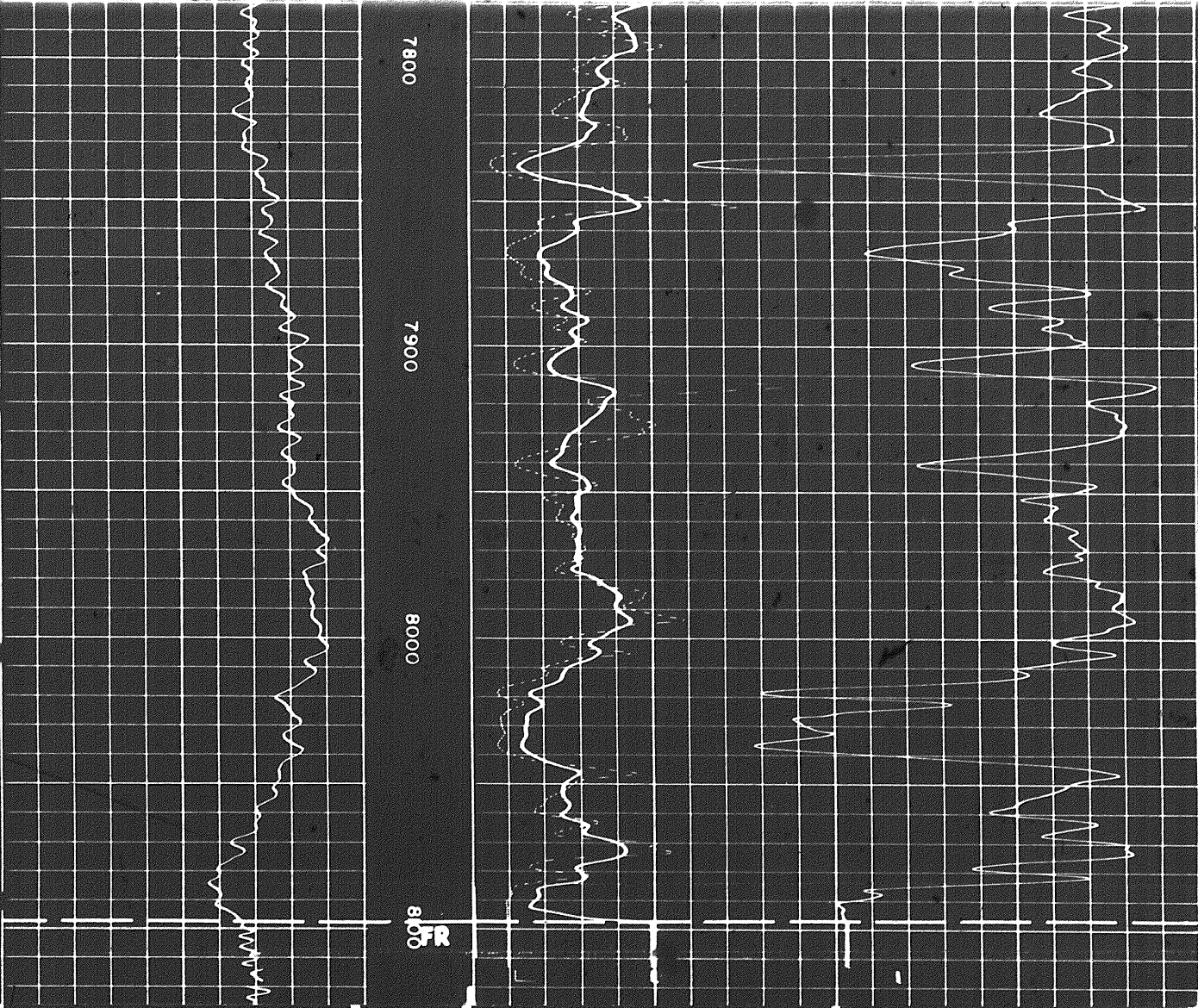
INDUCTION  
0 50

0 500

RESISTIVITY  
- ohms m<sup>2</sup>/m

400 INDUCTION 200 0

600 400



20



600

400

SPONTANEOUS-POTENTIAL  
millivolts

DEPTHS

CONDUCTIVITY

$$\text{millimhos / m} = \frac{1000}{\text{ohms m}^2/\text{m}}$$

DETAIL LOG

5" = 100'

SPONTANEOUS-POTENTIAL  
millivolts

DEPTHS

CONDUCTIVITY

$$\text{millimhos / m} = \frac{1000}{\text{ohms m}^2/\text{m}}$$

20



INDUCTION

400

200

0

600

400

RESISTIVITY

- ohms m<sup>2</sup>/m

16" NORMAL

0

50

0

500

INDUCTION

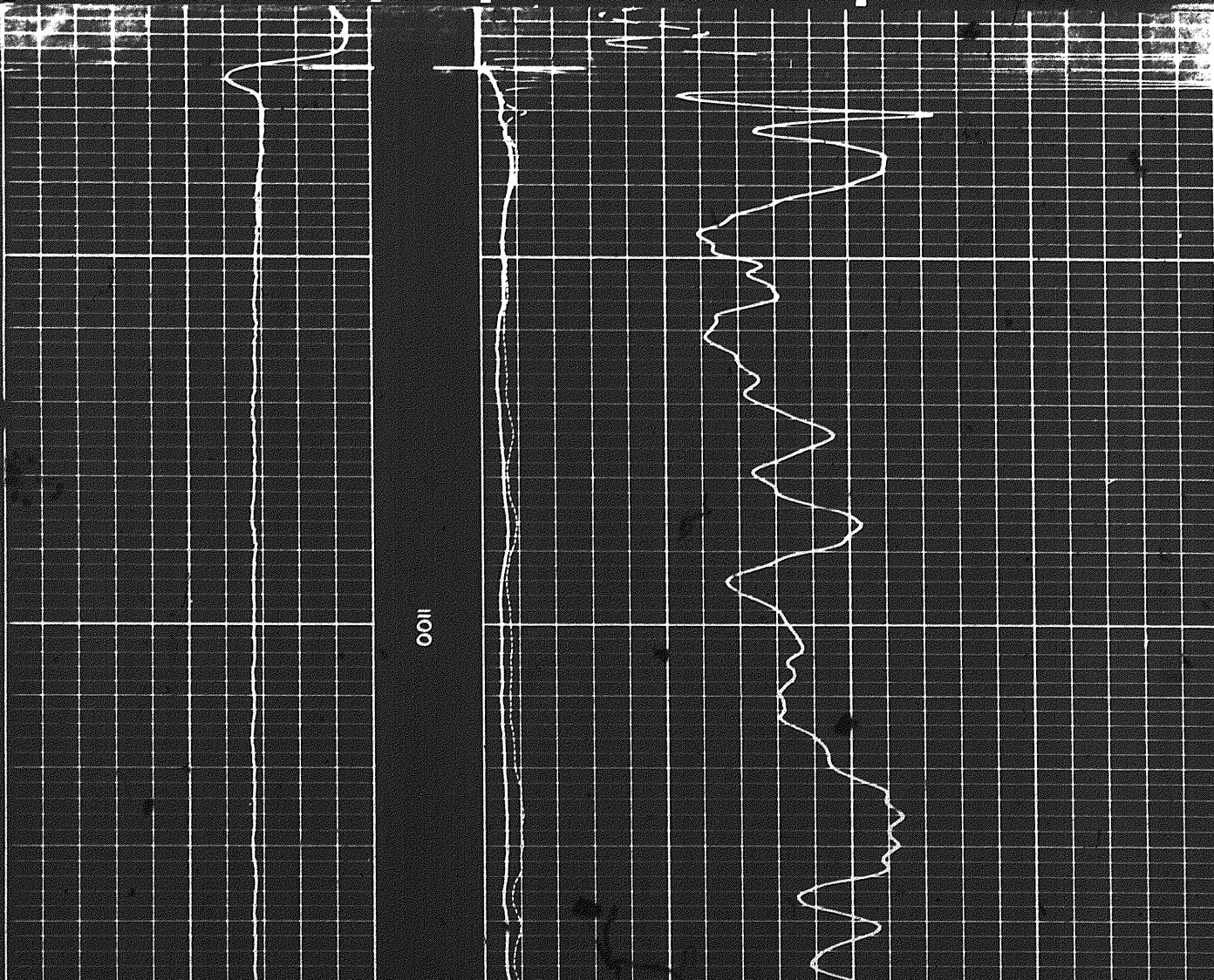
0

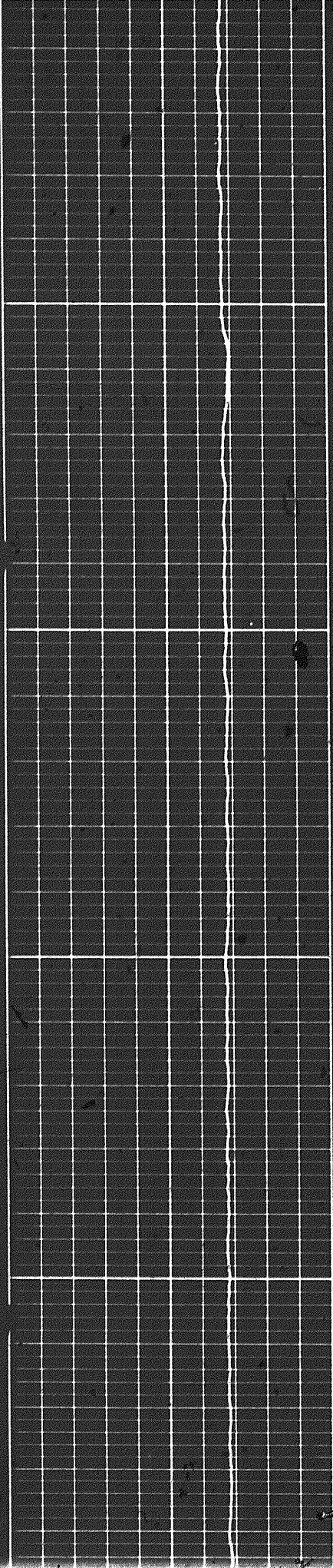
50

0

500

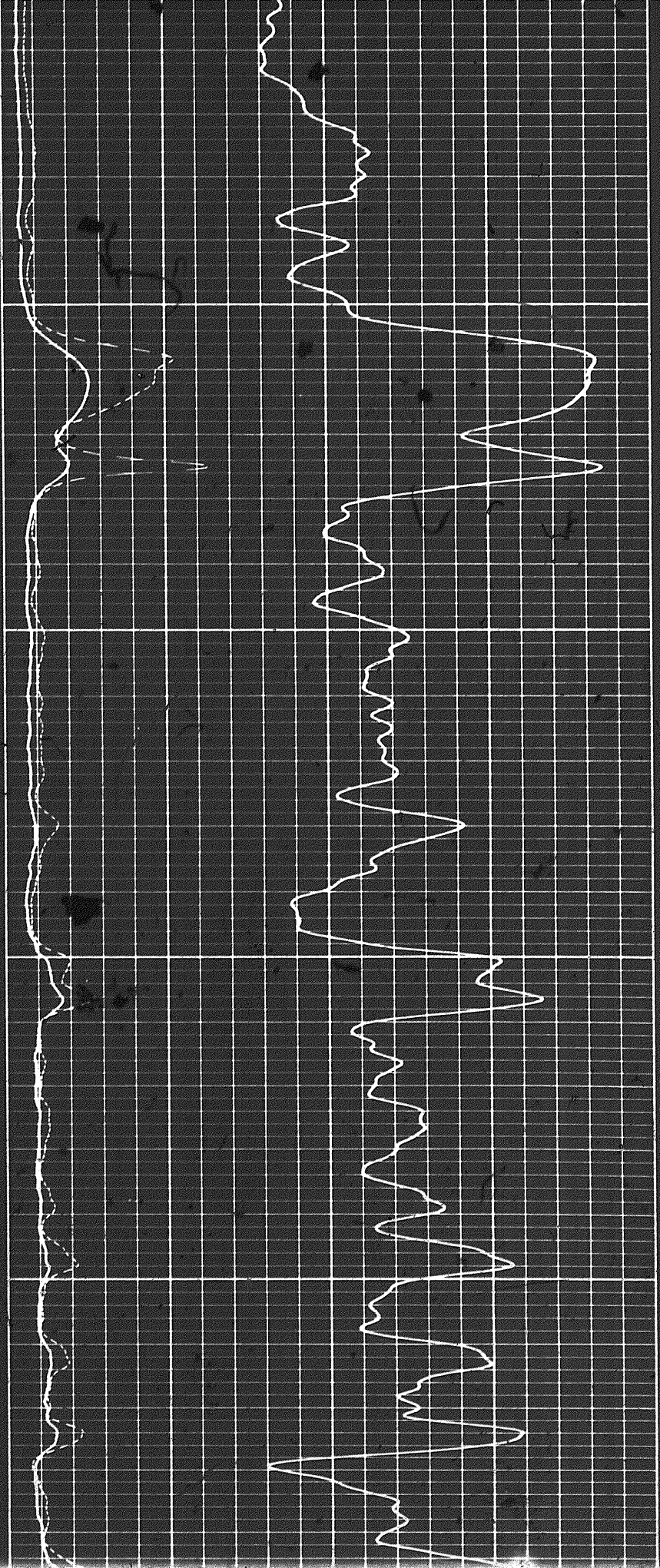
1100



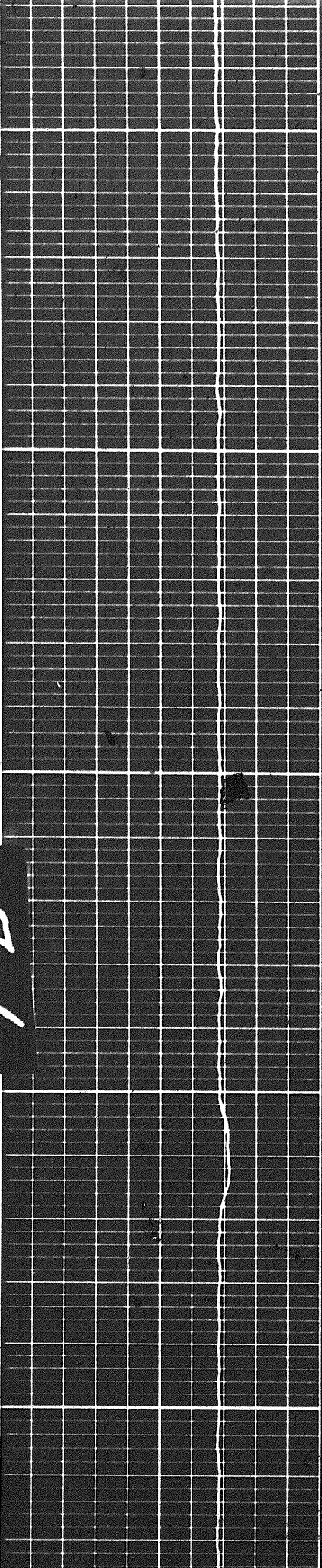


1200

1300



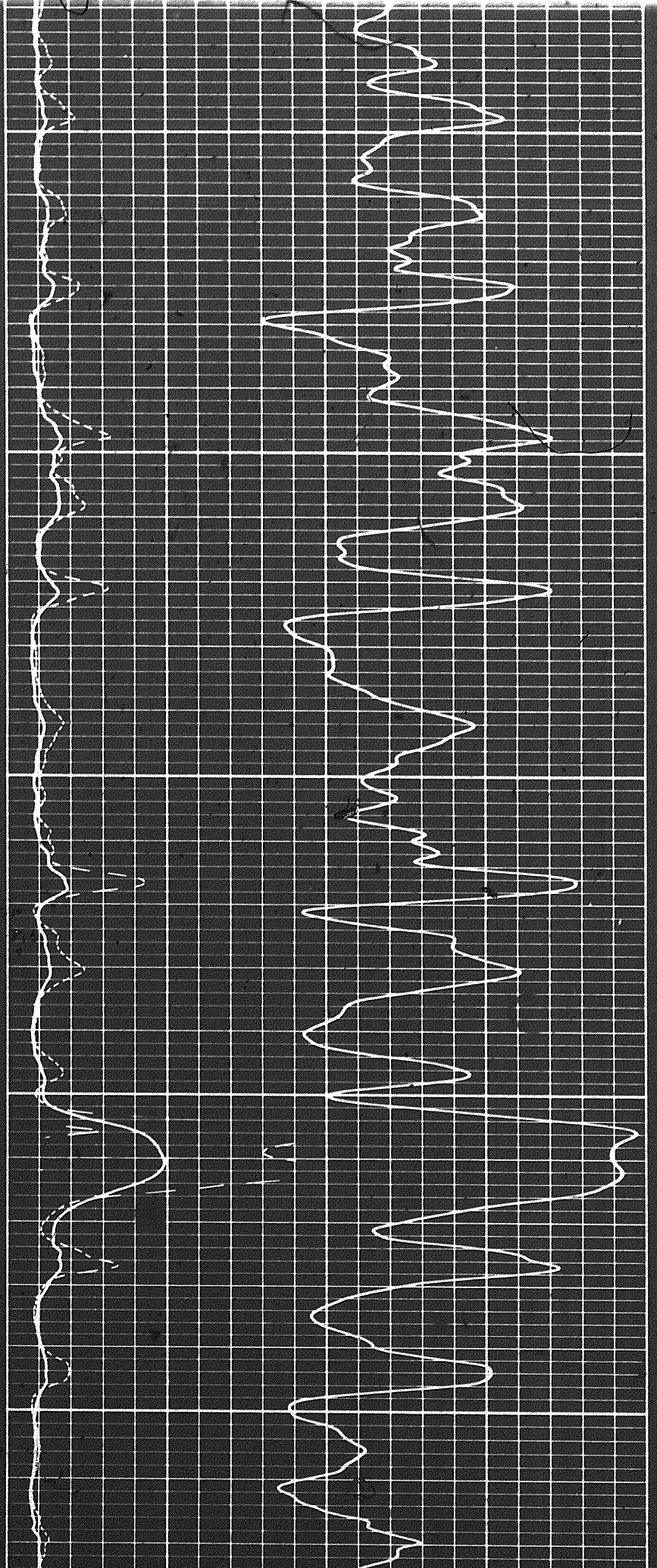
707



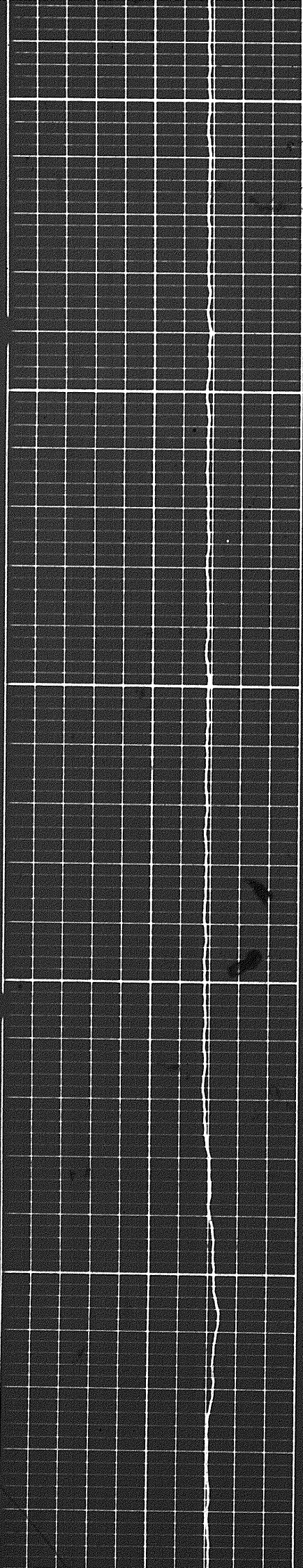
1300

1400

1500



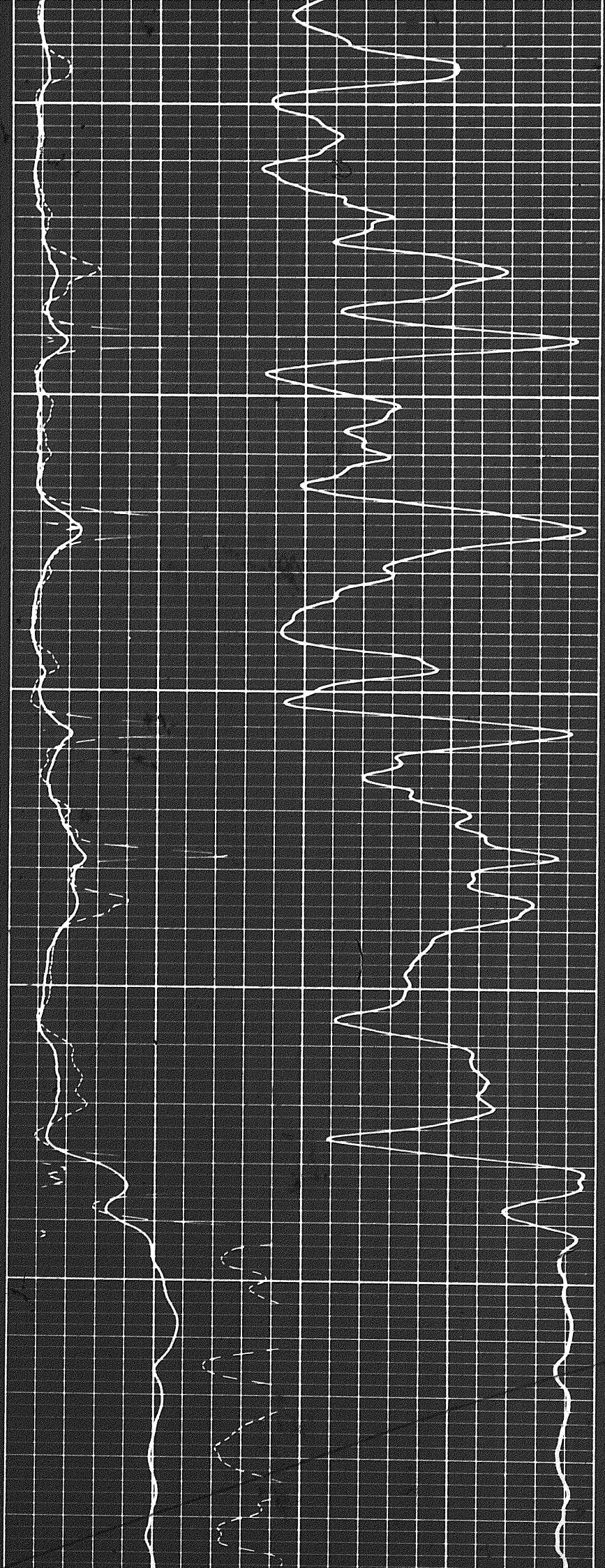
2

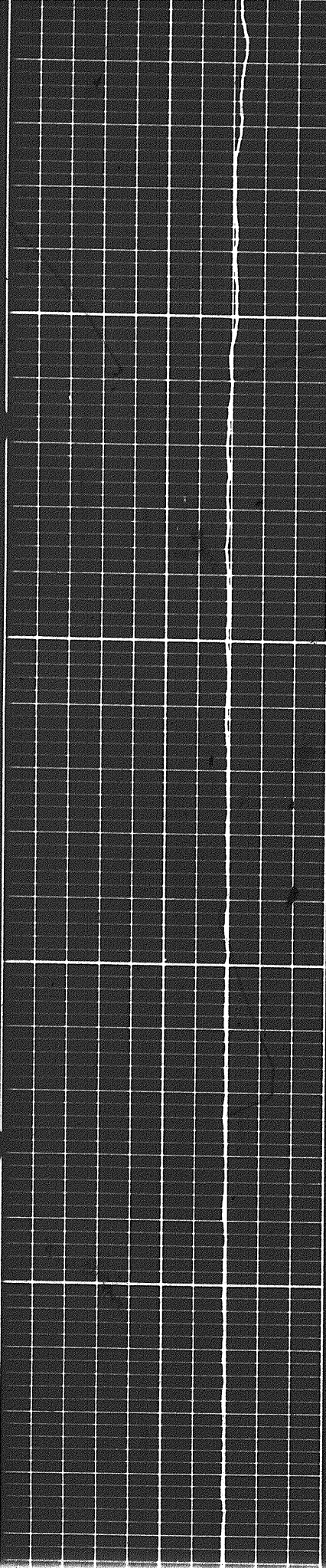


1500

1600

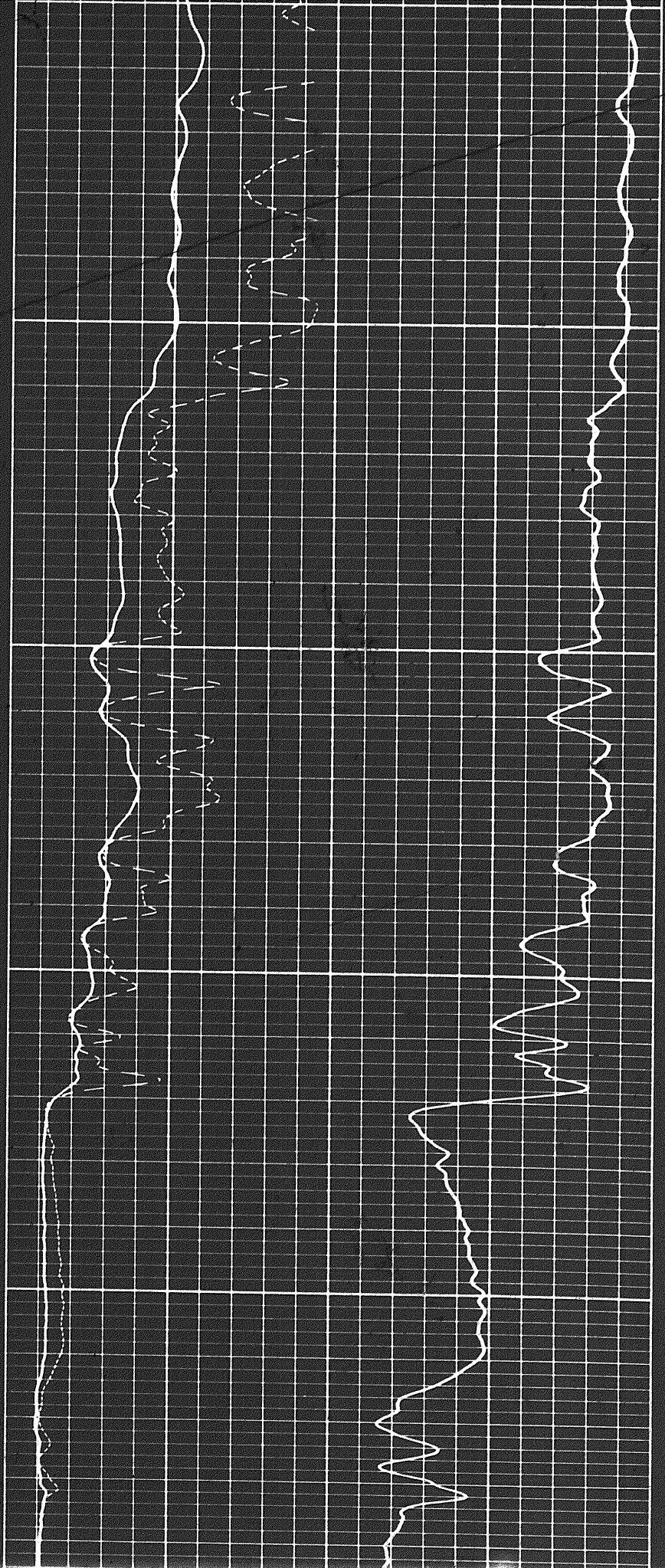
1700



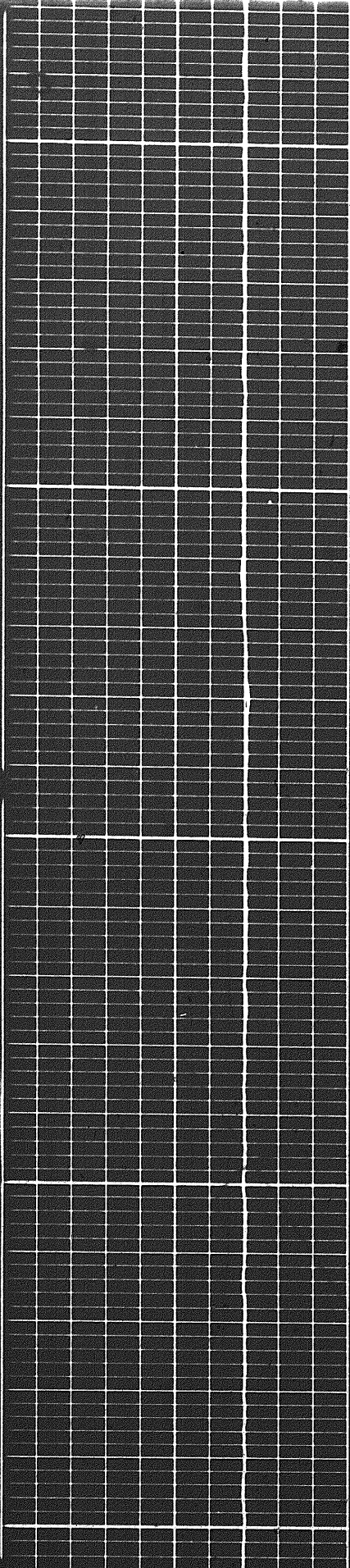


1800

1900



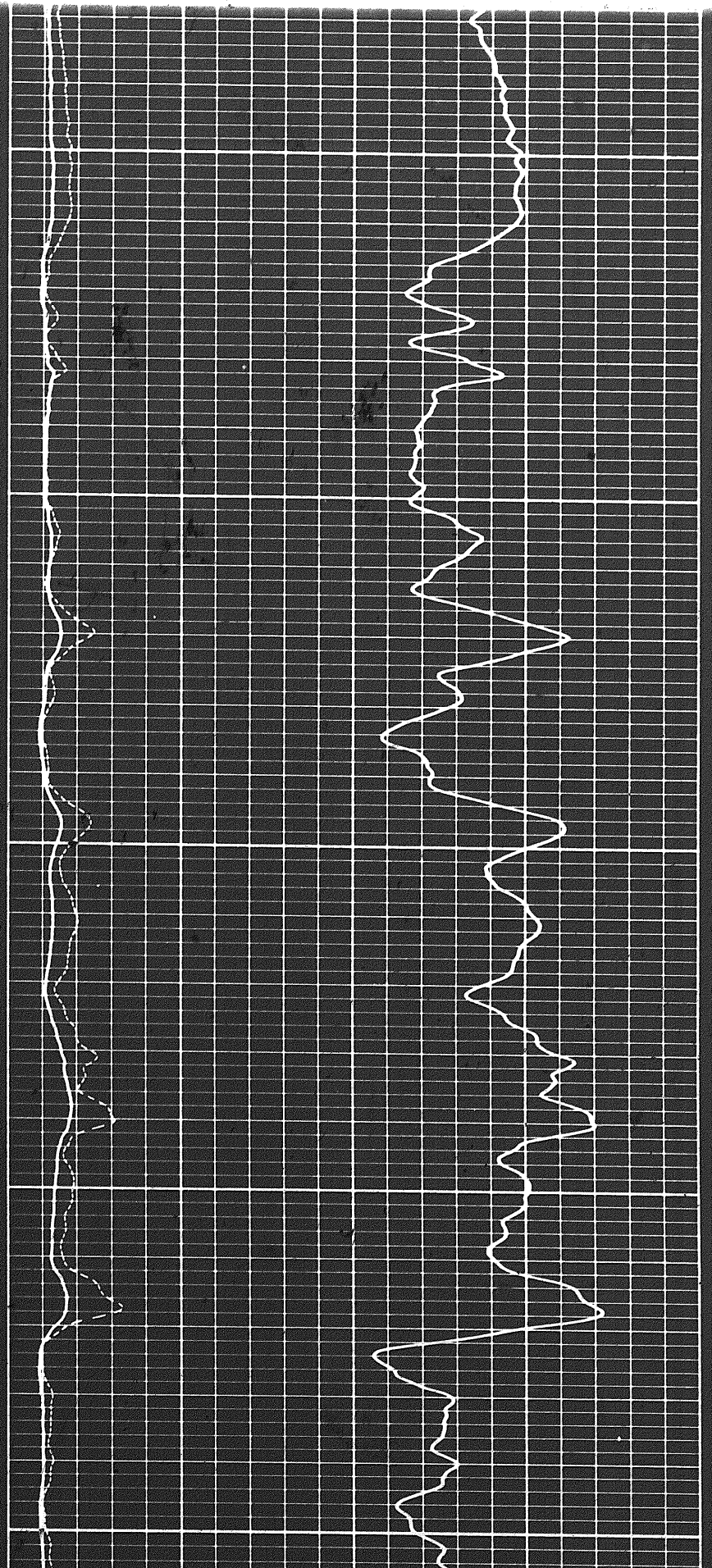
807

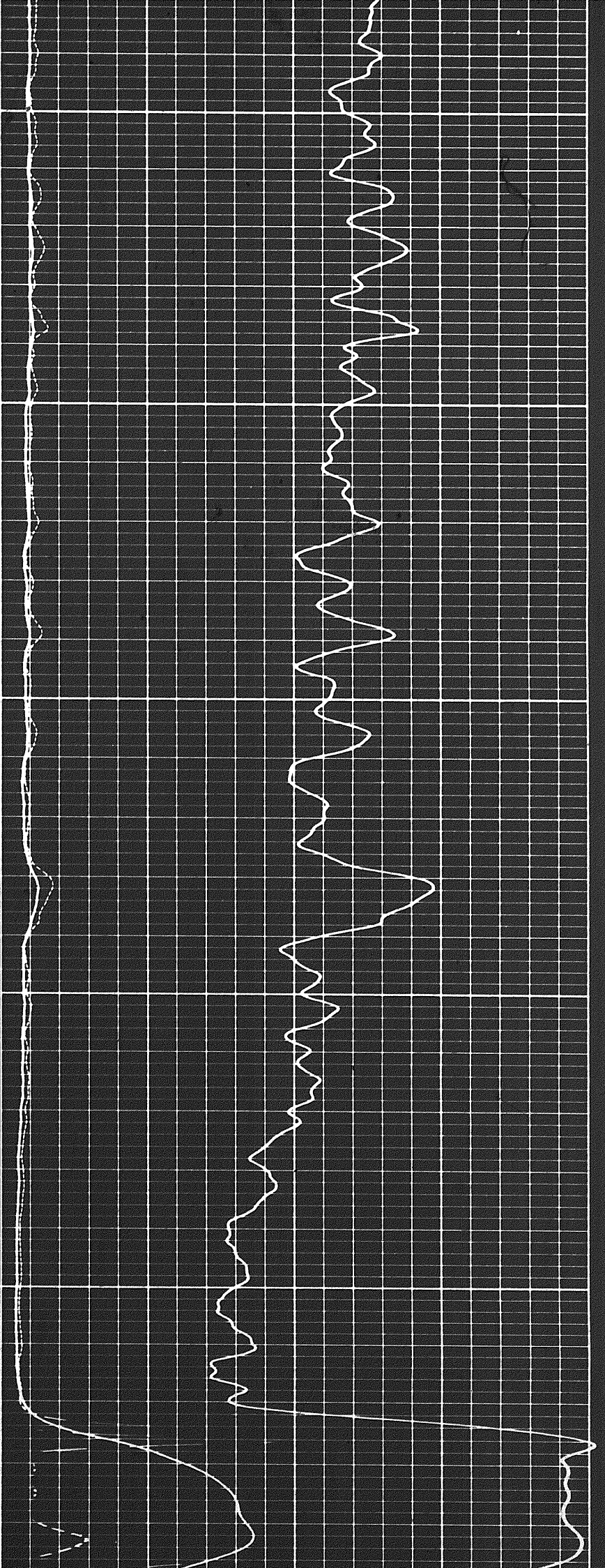


1900

2000

2100

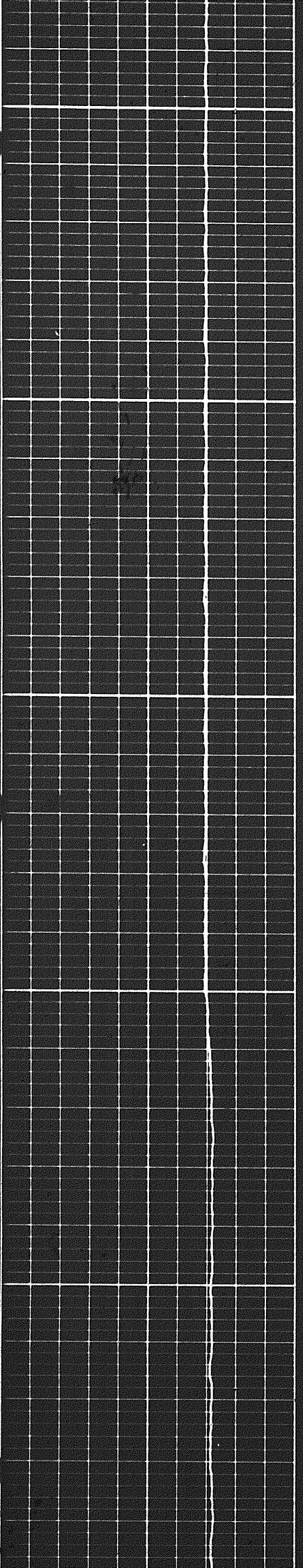




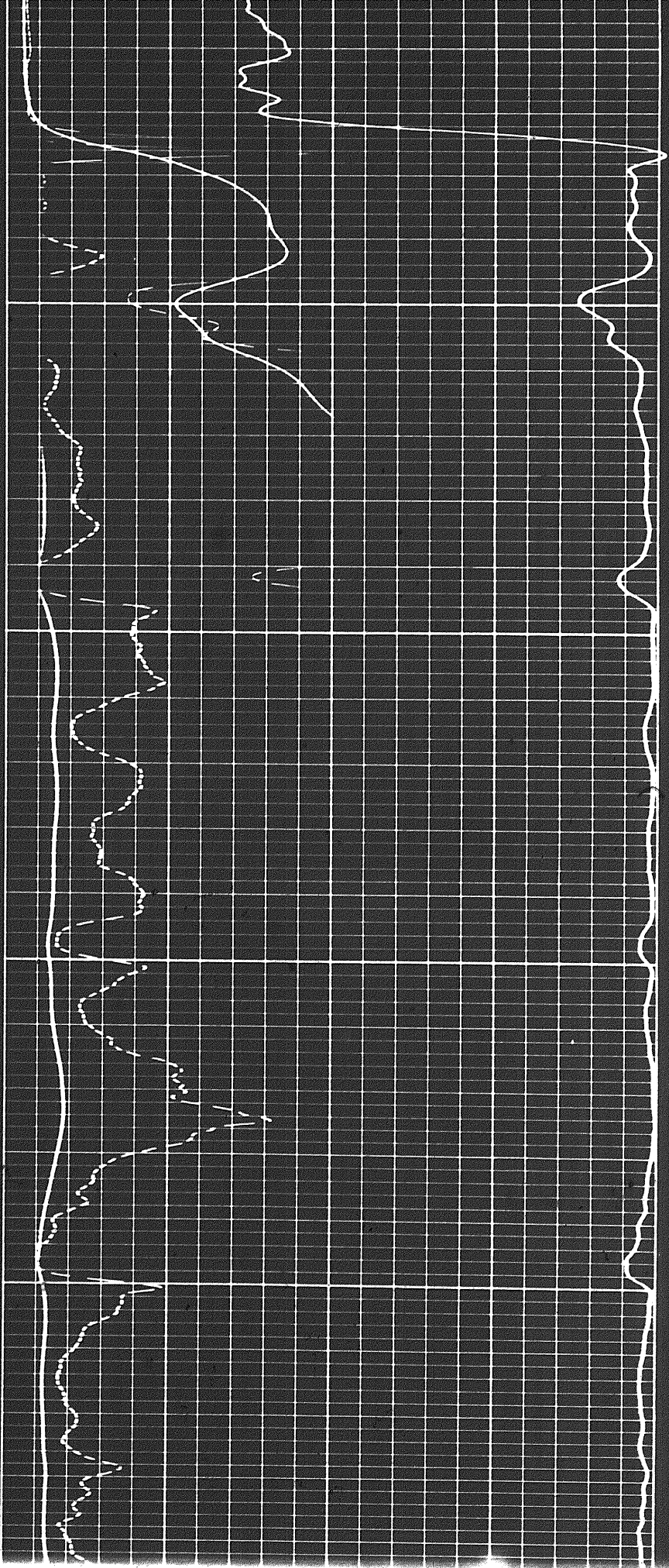
2100

2200

2300





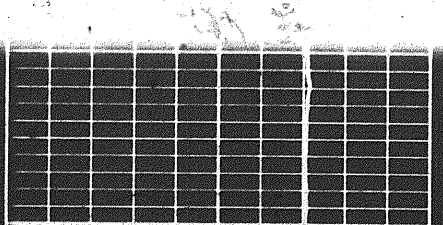
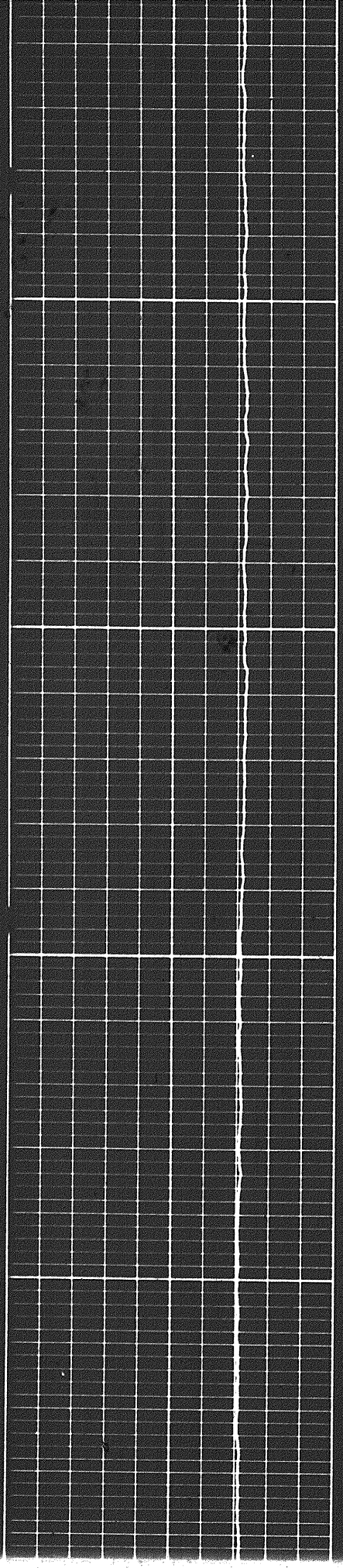


0

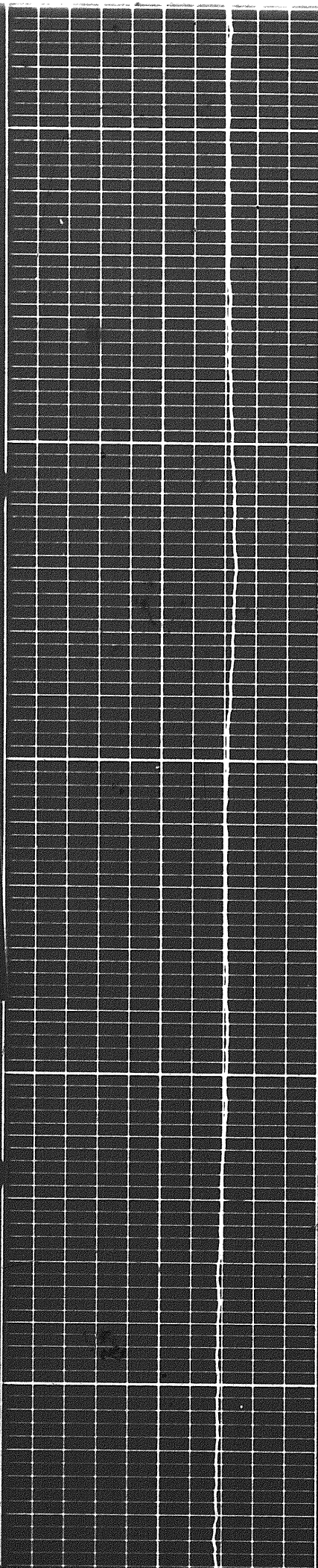
2400

2500

2600



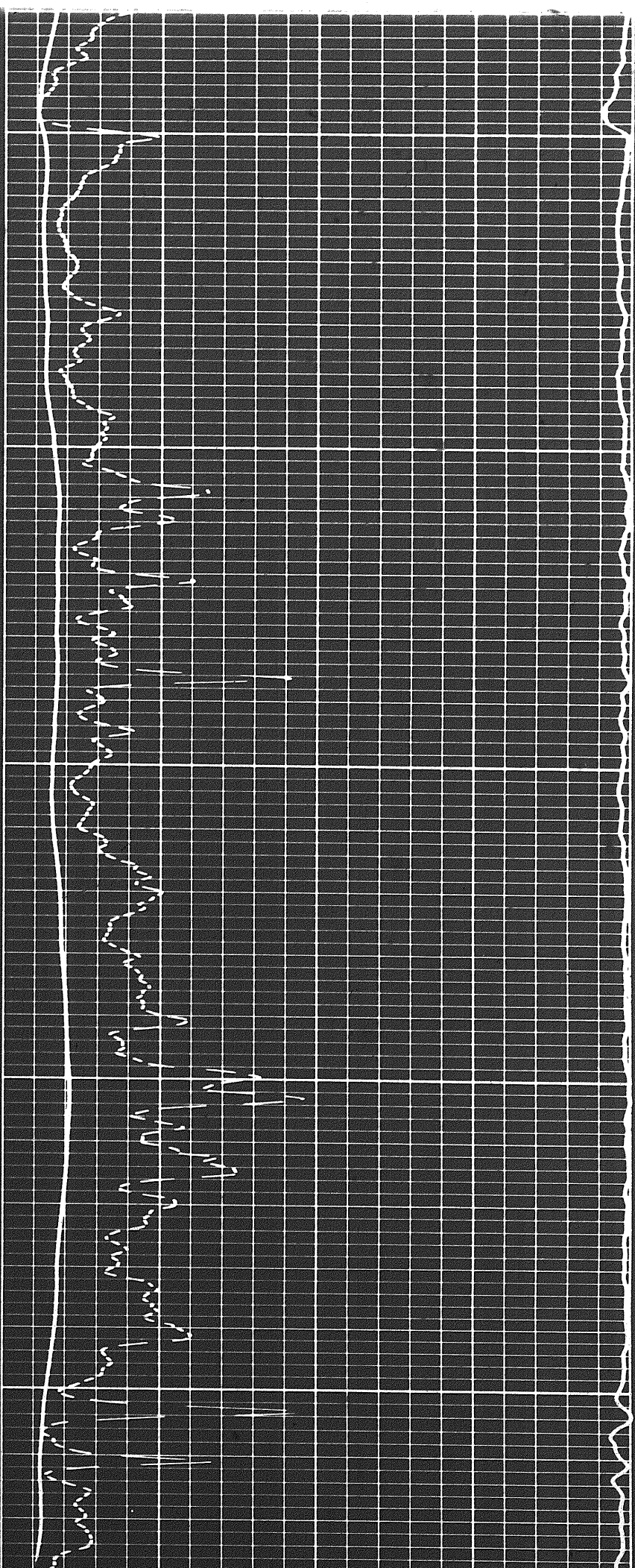
9a

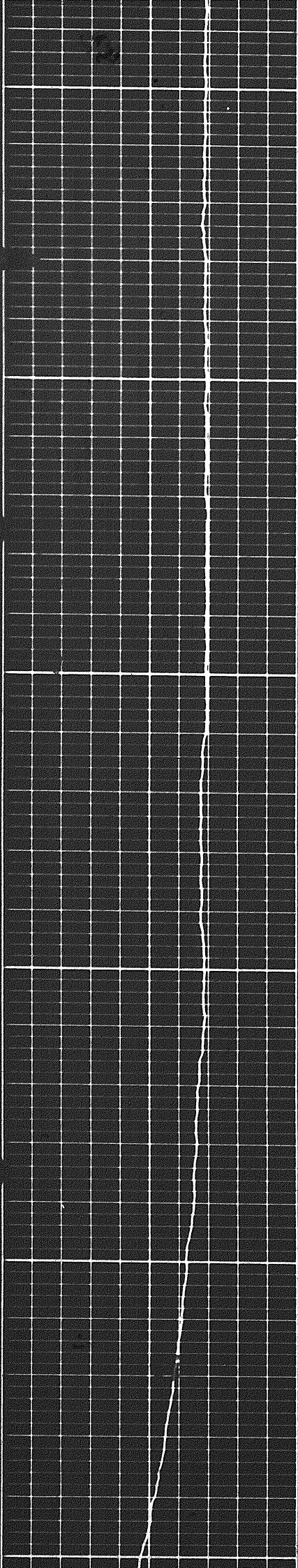


2500

2600

2700

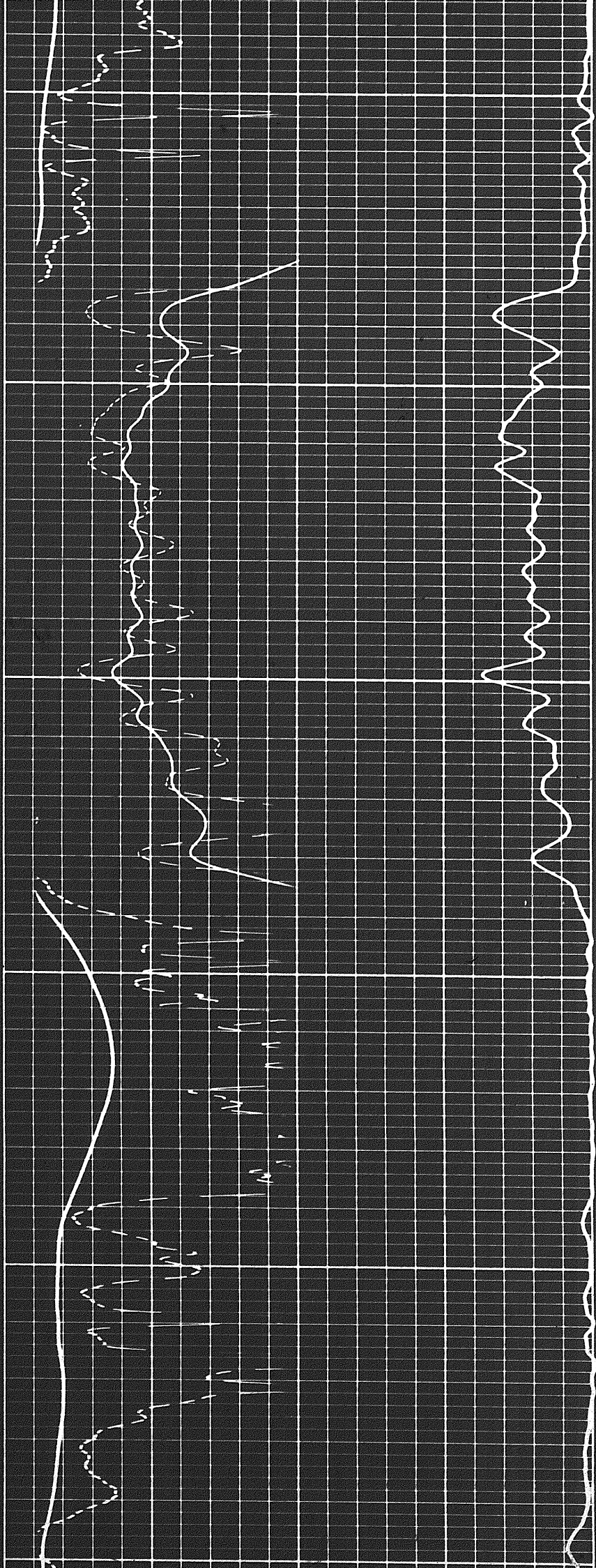


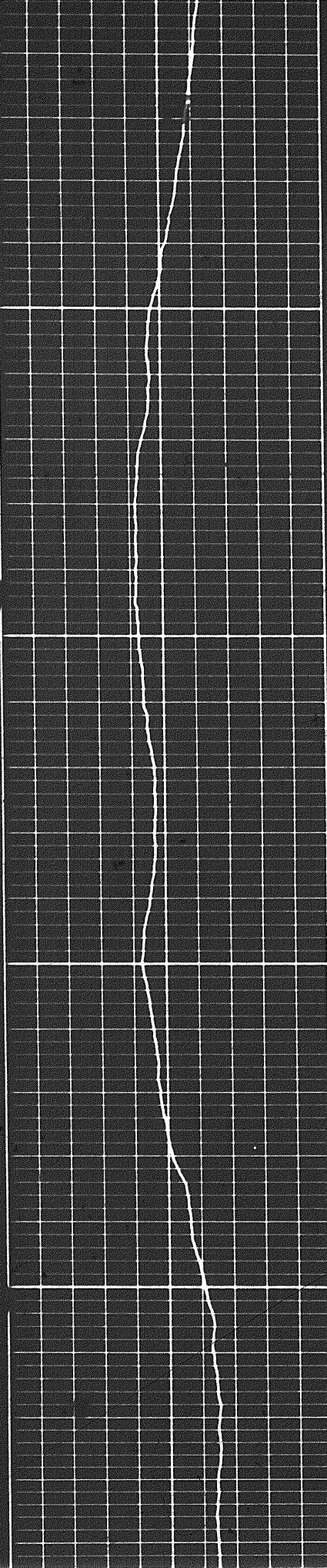


2700

2800

2900

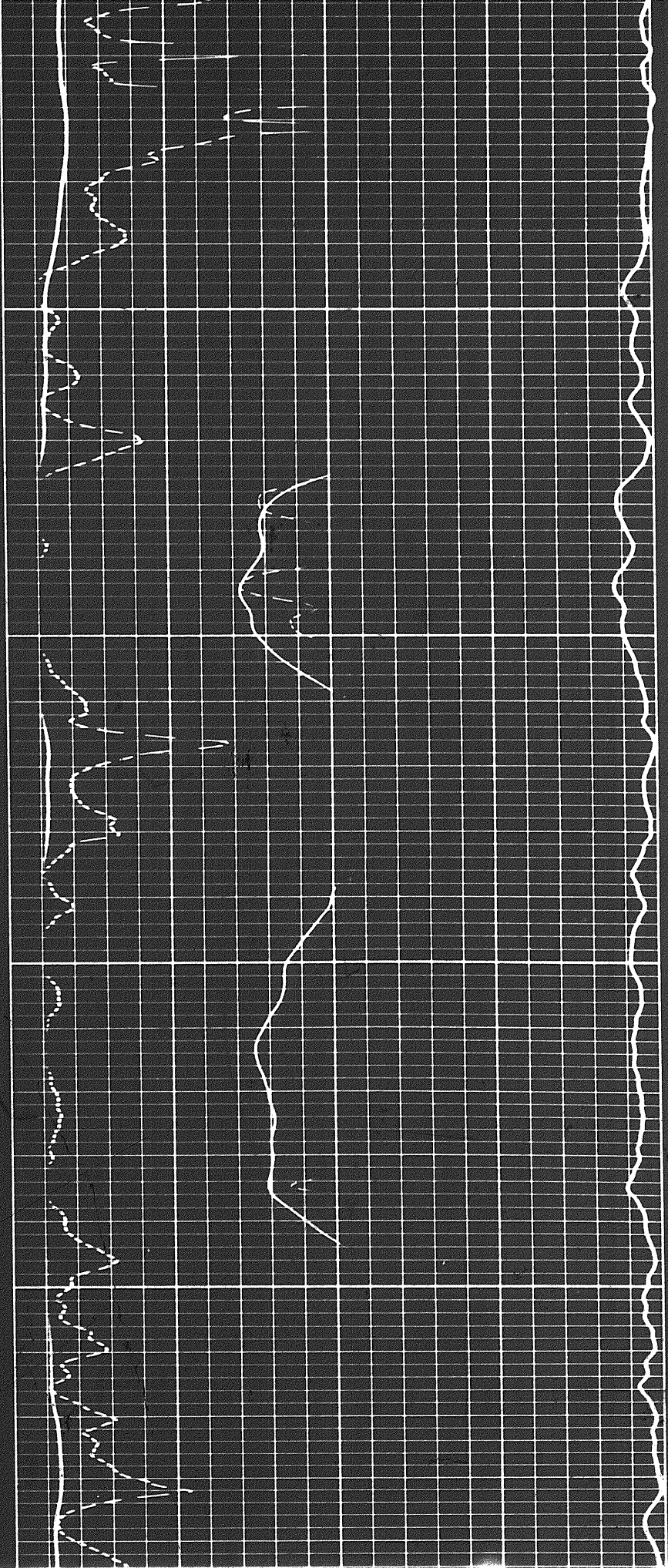




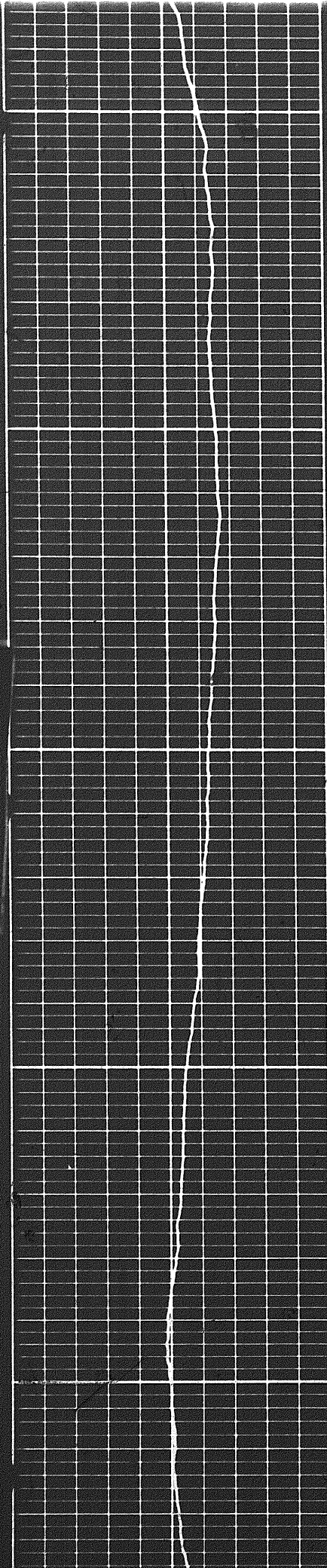
000

3000

3100



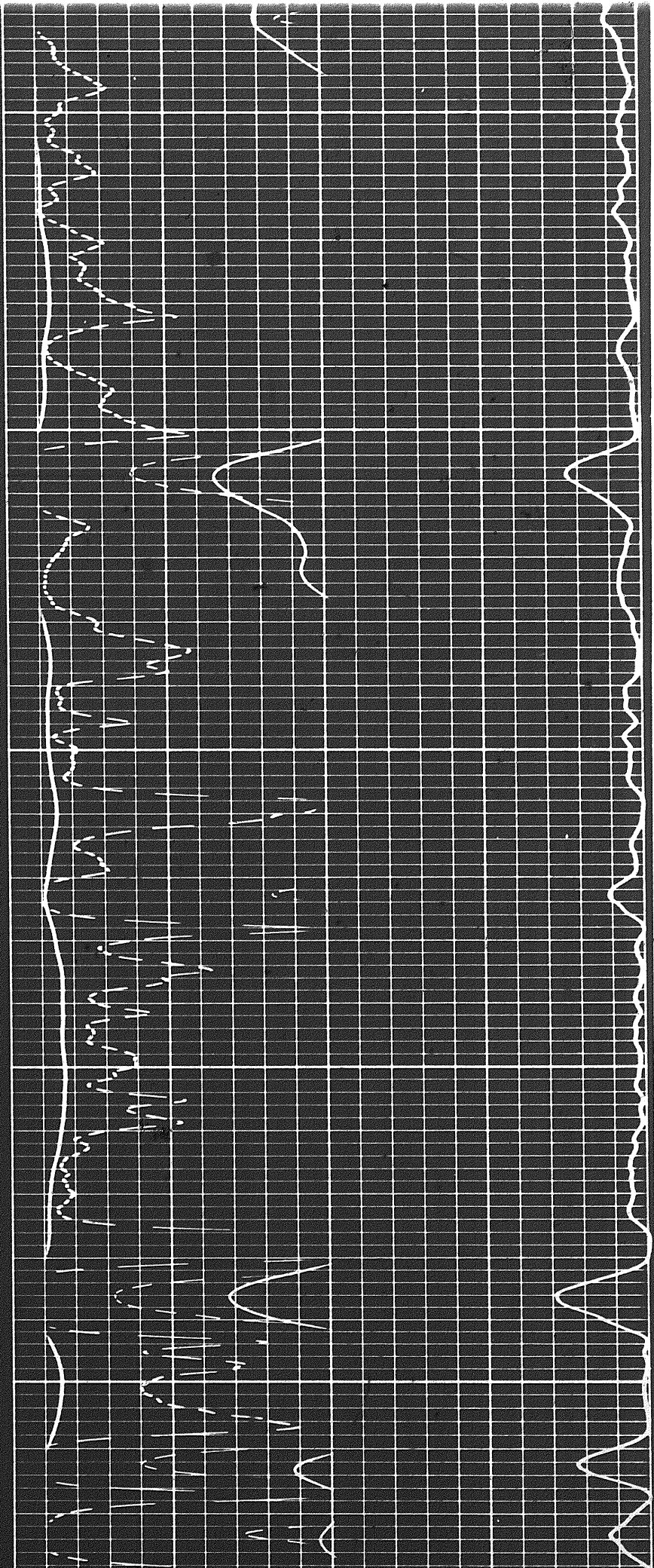
109

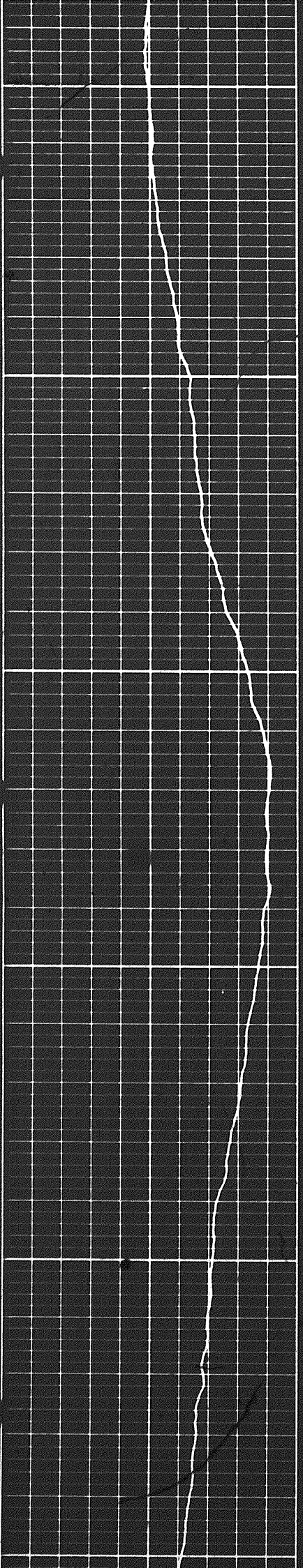


3100

3200

3300

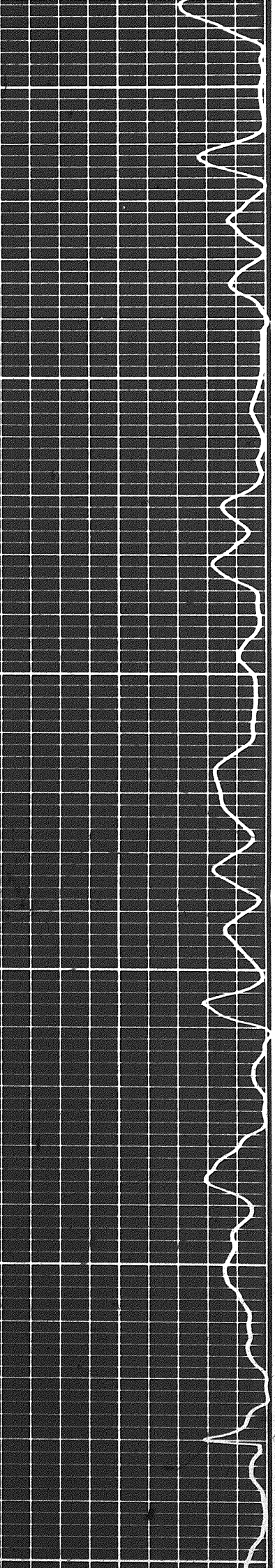
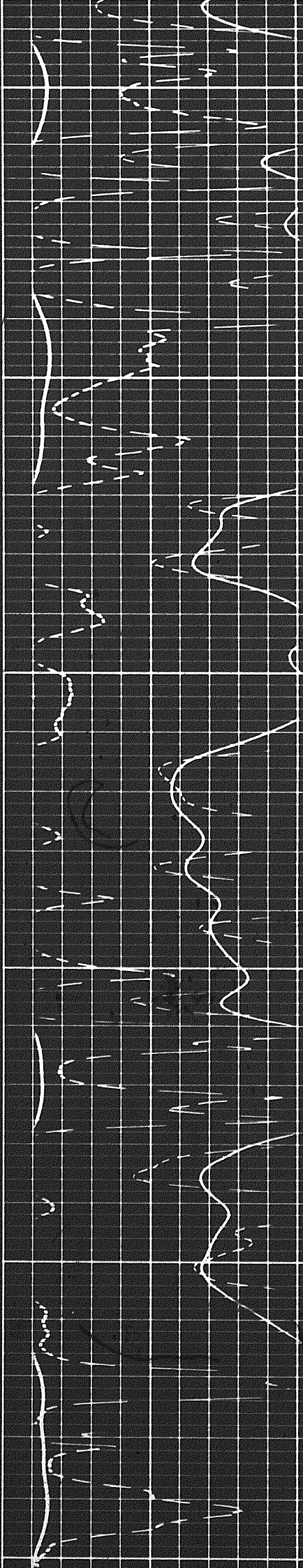


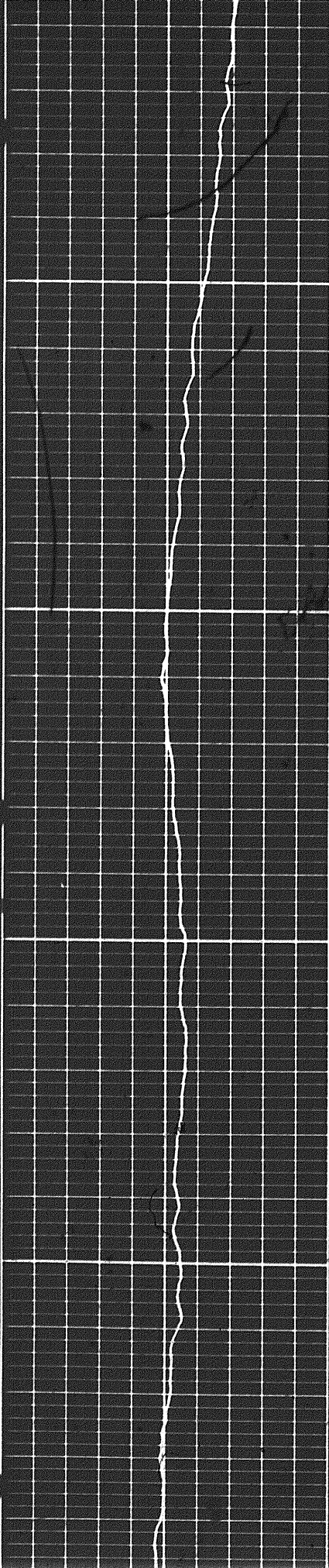


3300

3400

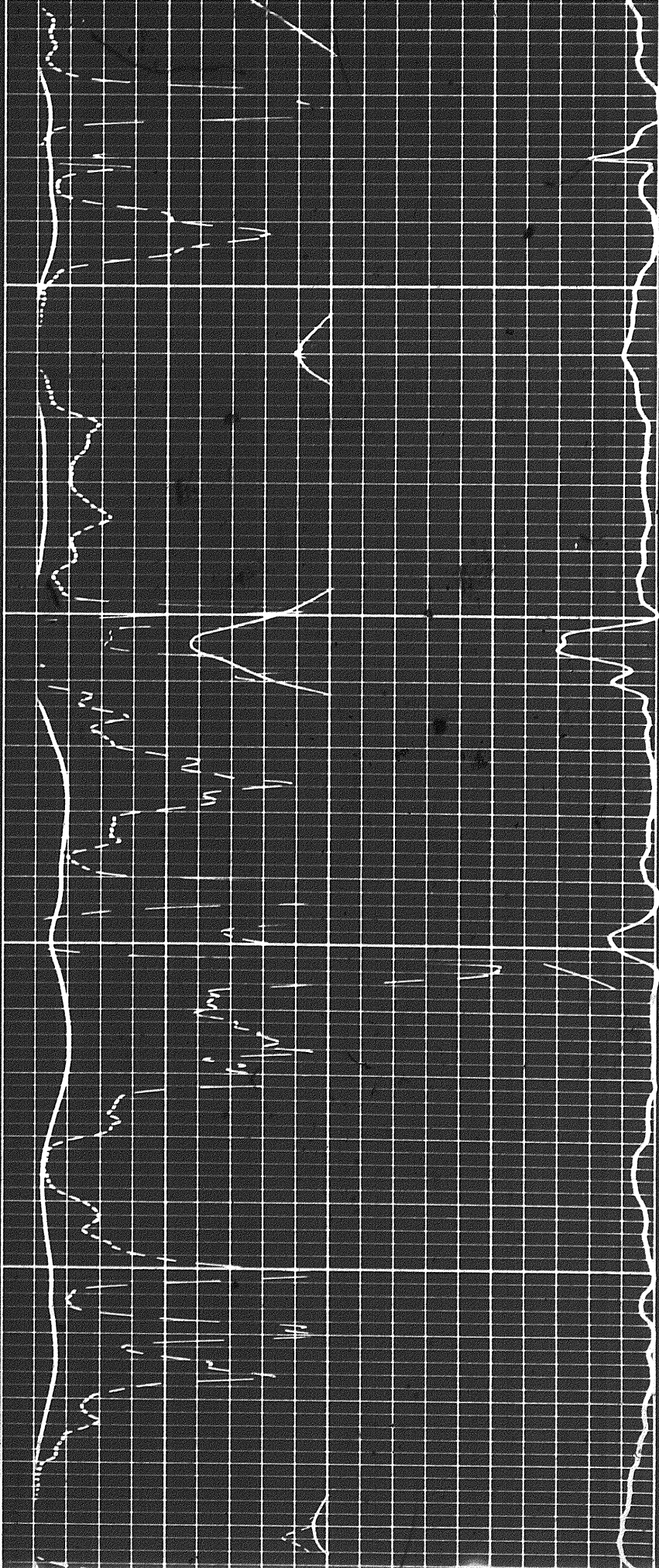
3500



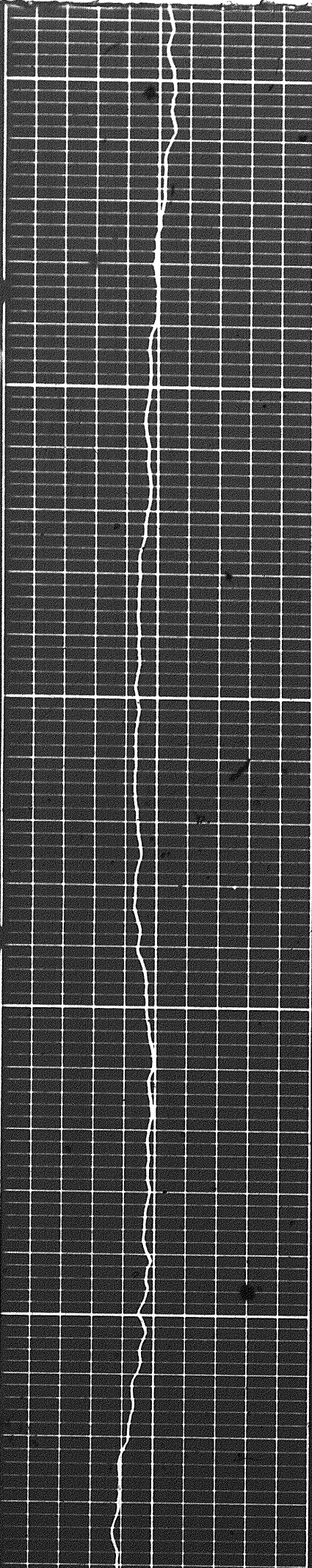


3600

3700



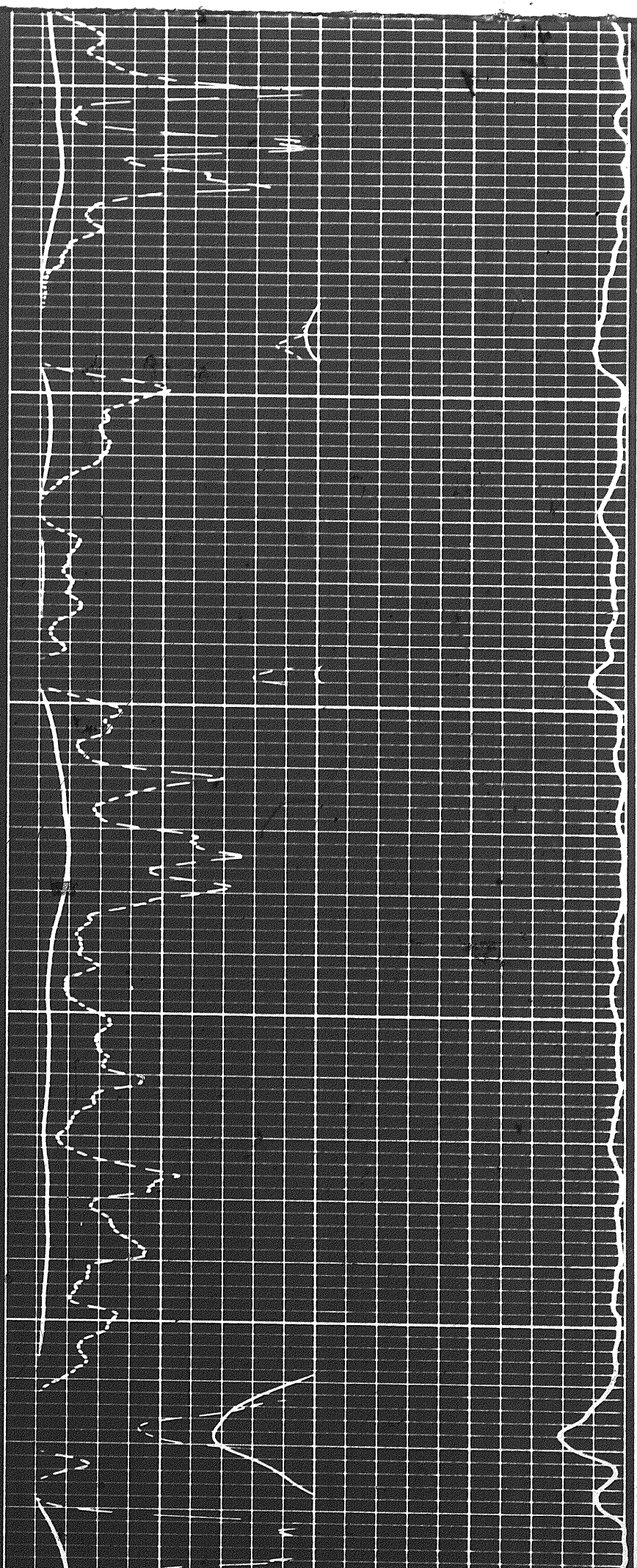
1197



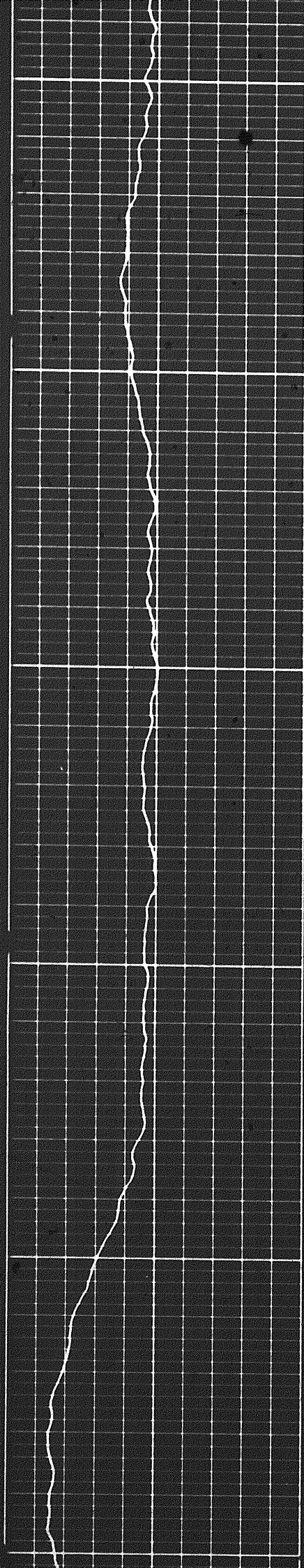
3700

3800

3900



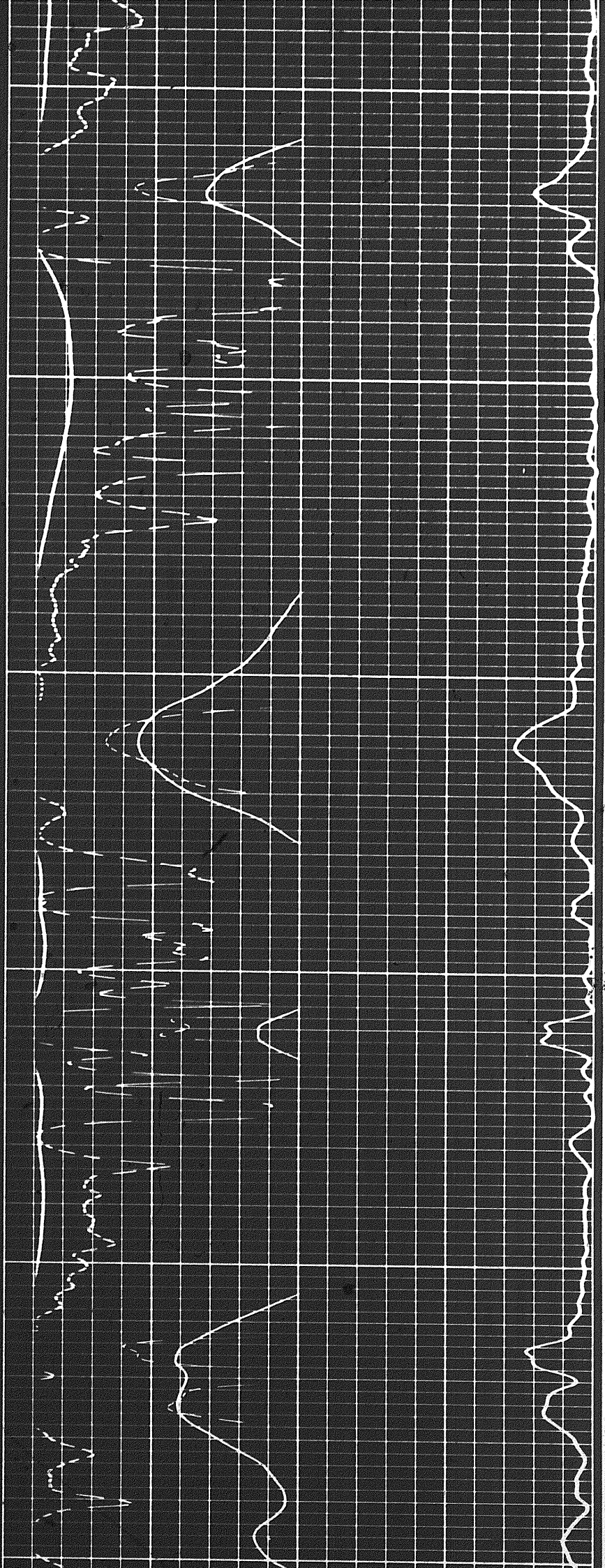


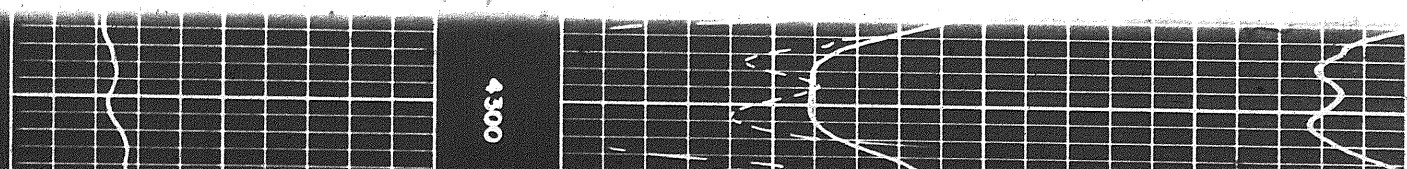
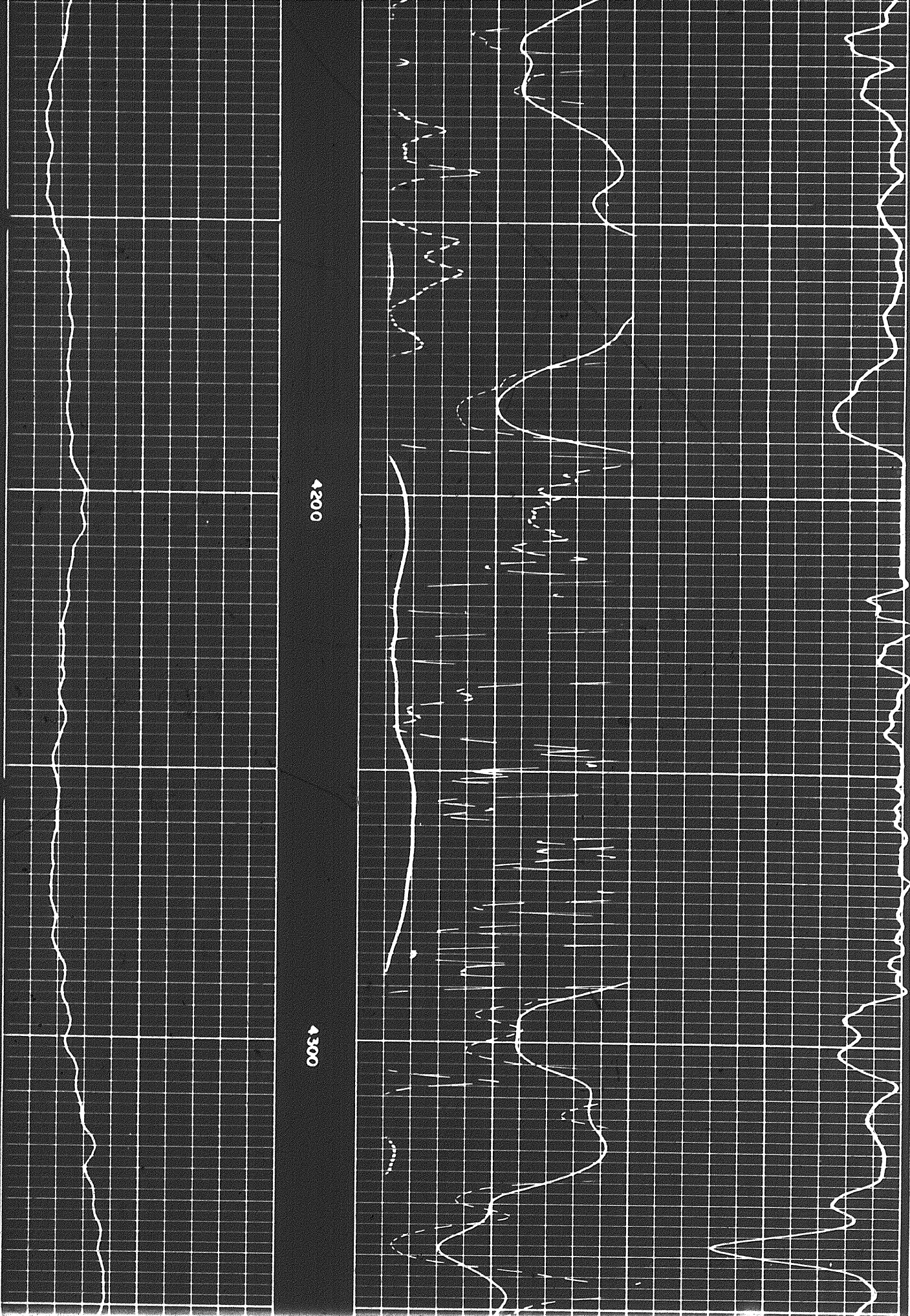


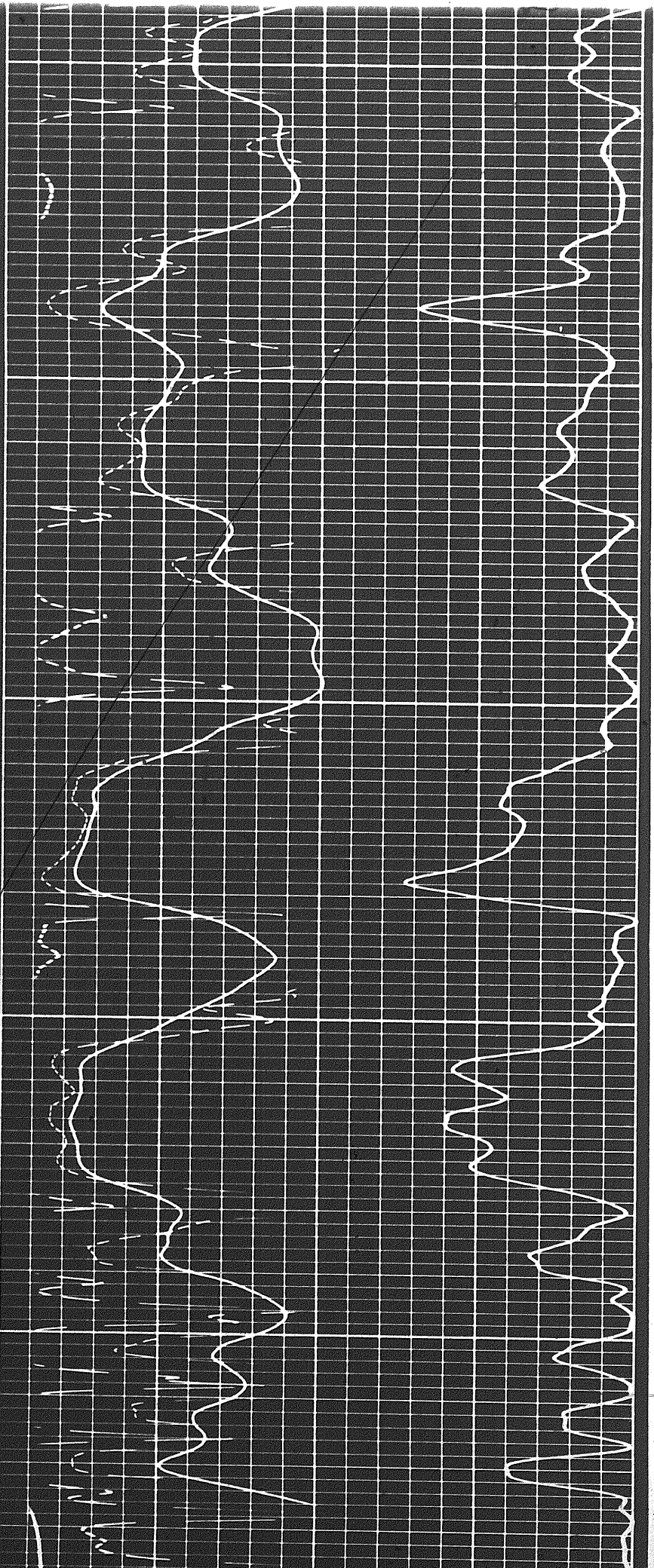
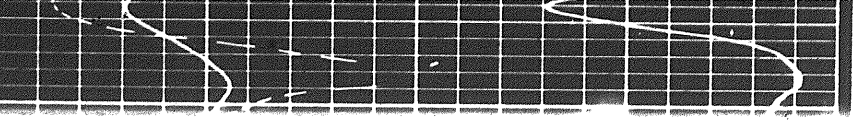
3900

4000

4100



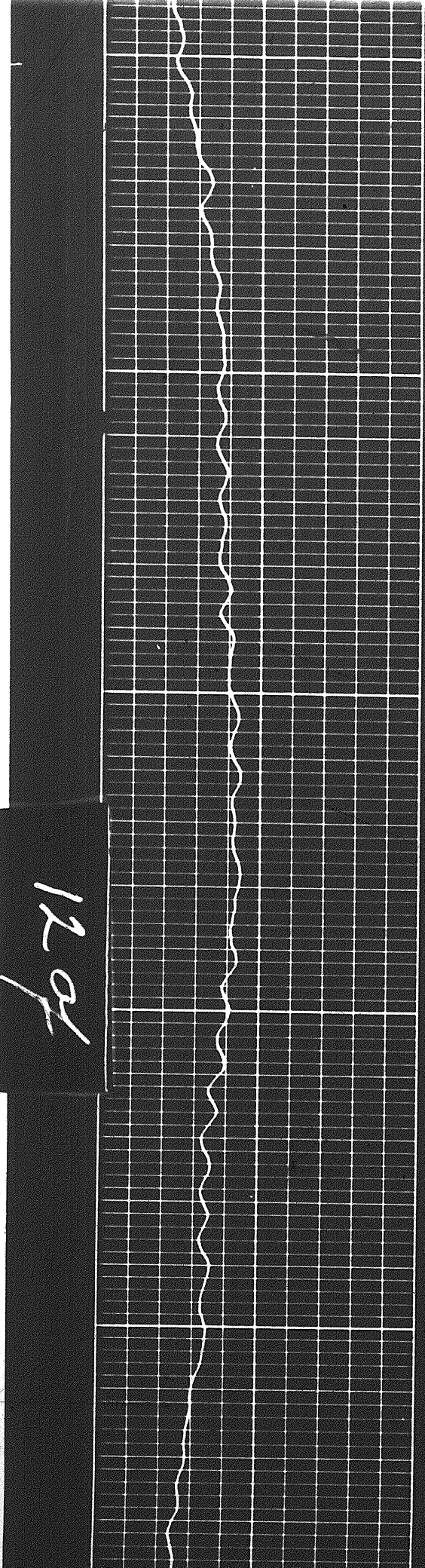




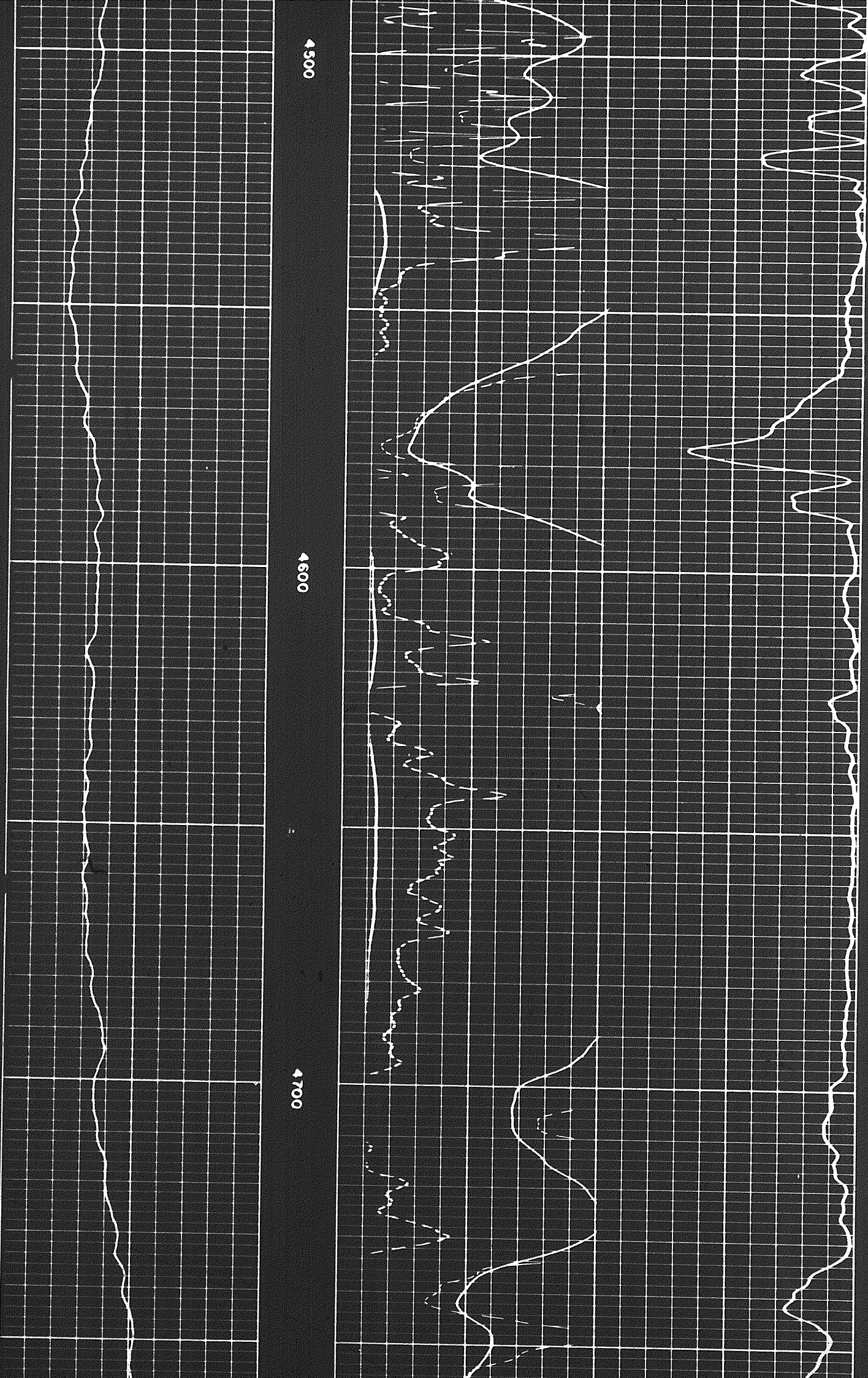
4300

4400

4500



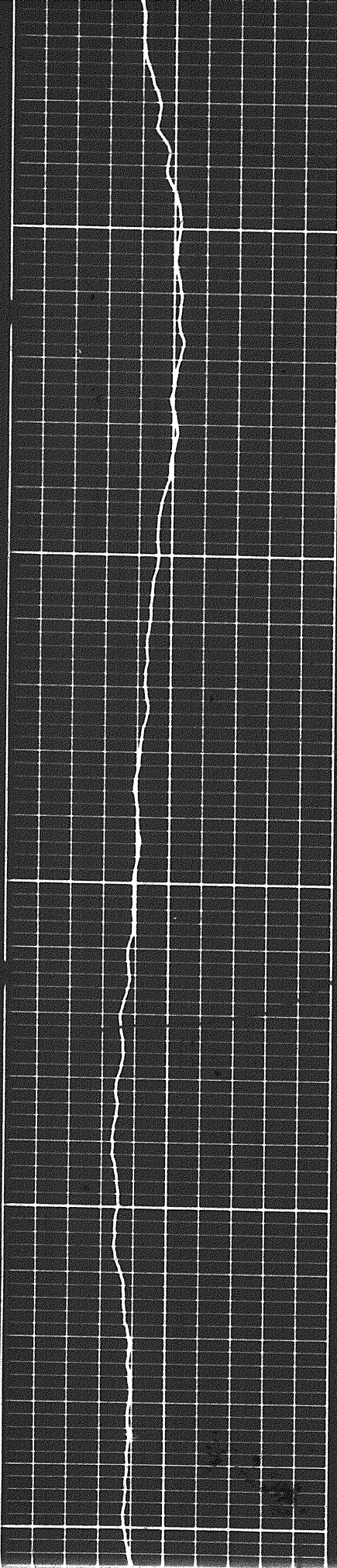
12 of



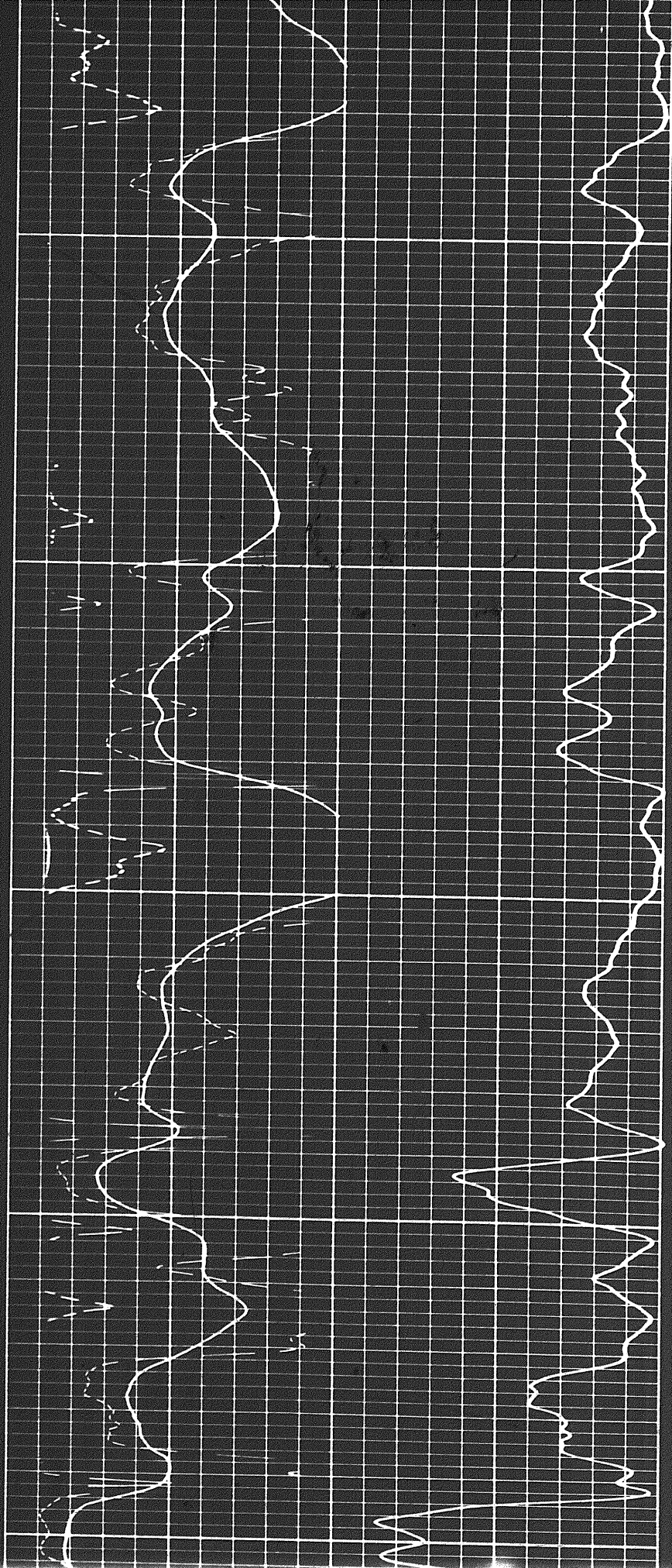
4500

4600

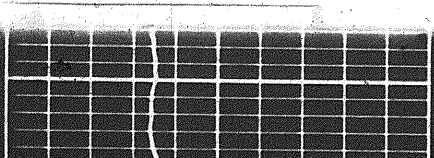
4700



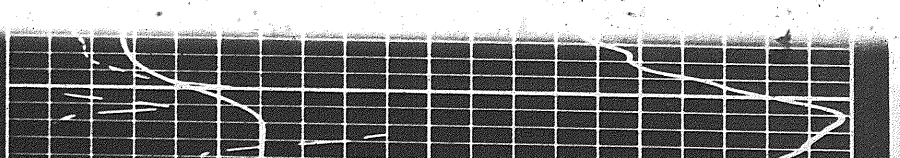
4800

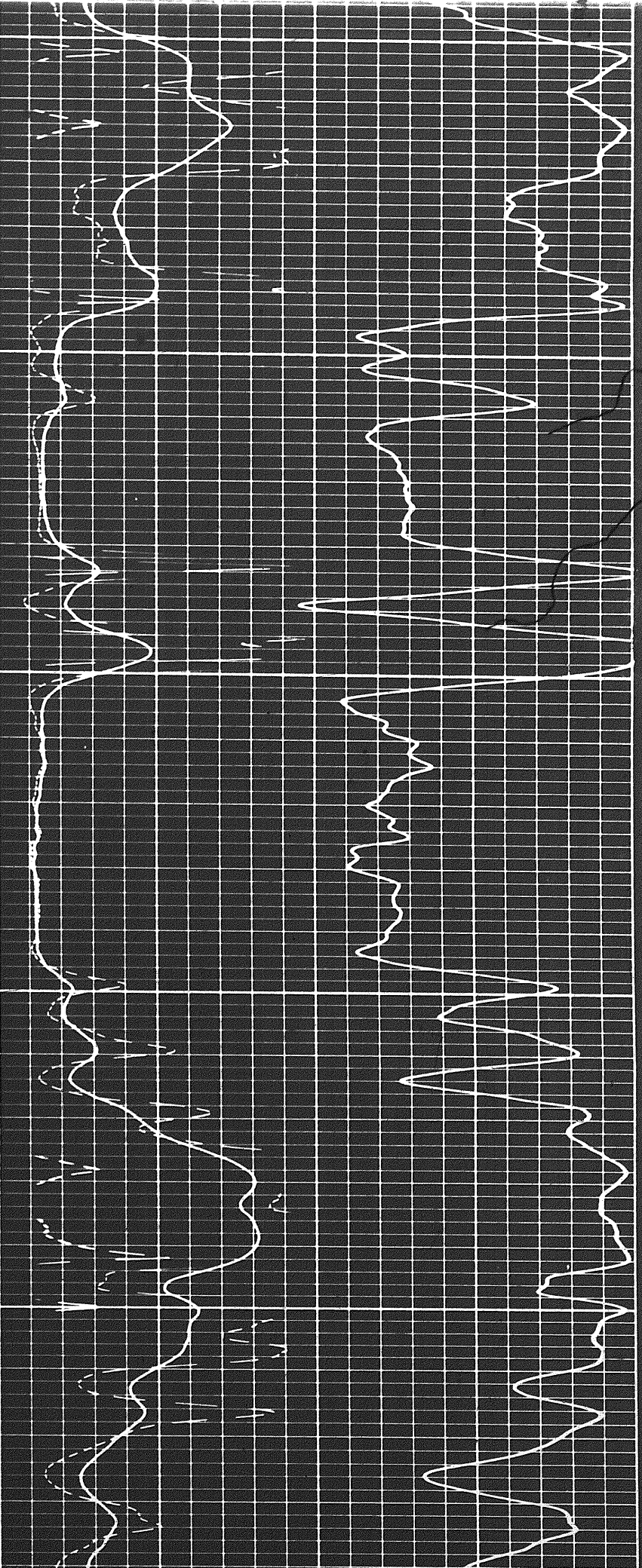


4900



4900

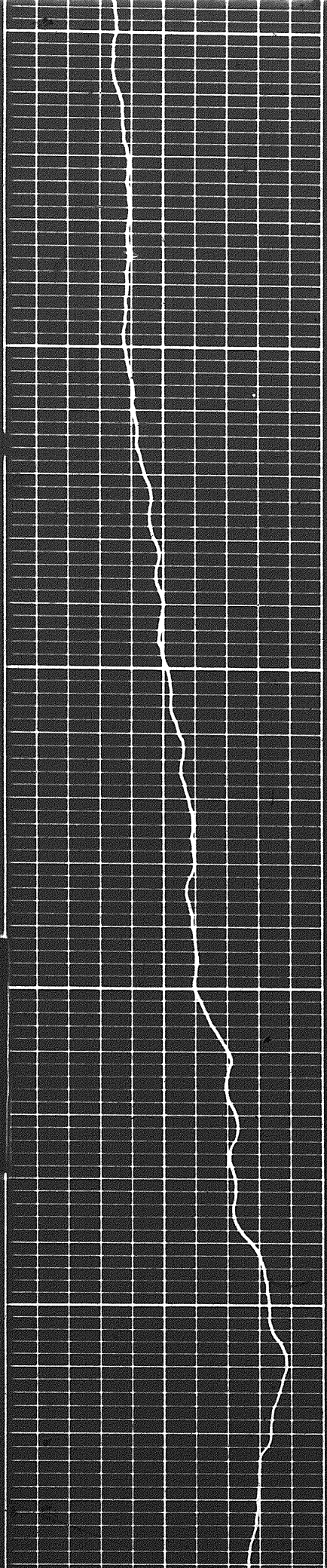




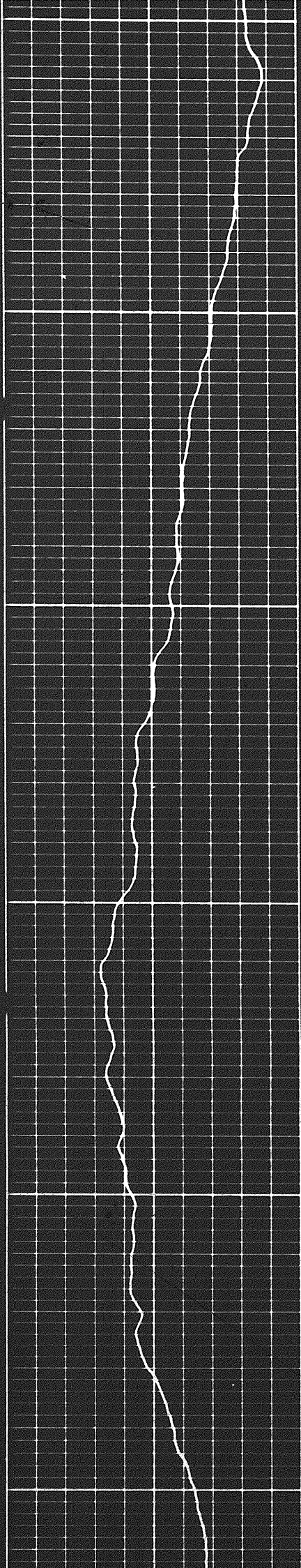
4900

5000

5100



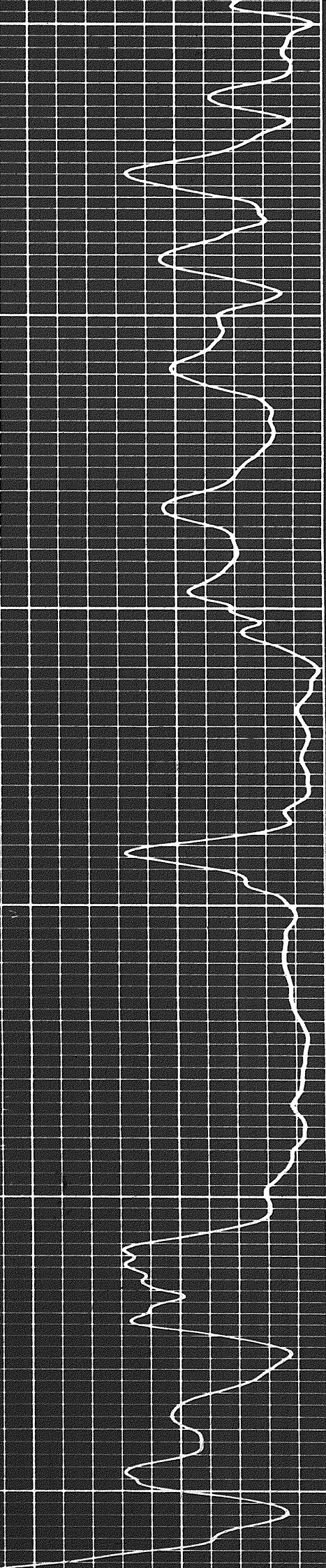
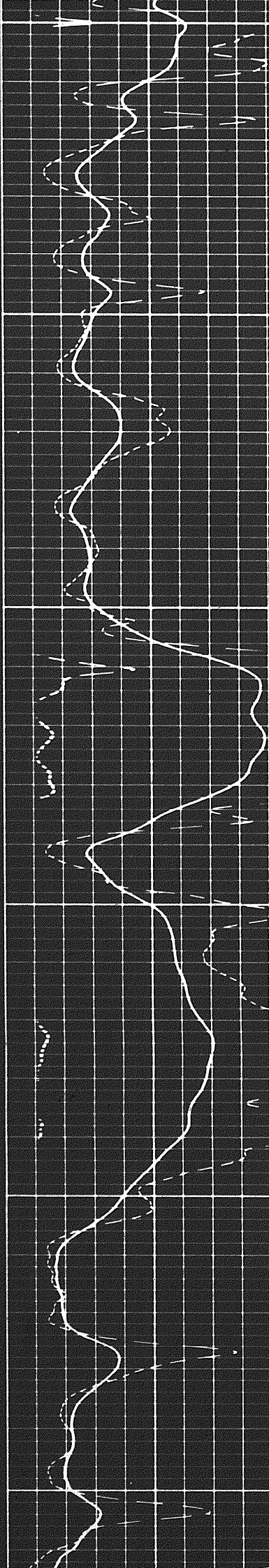
13 of

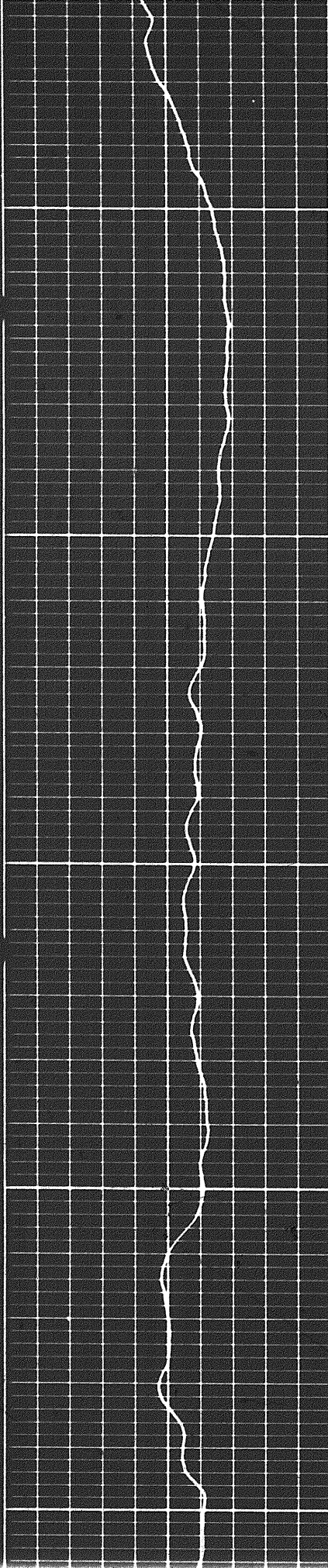


5100

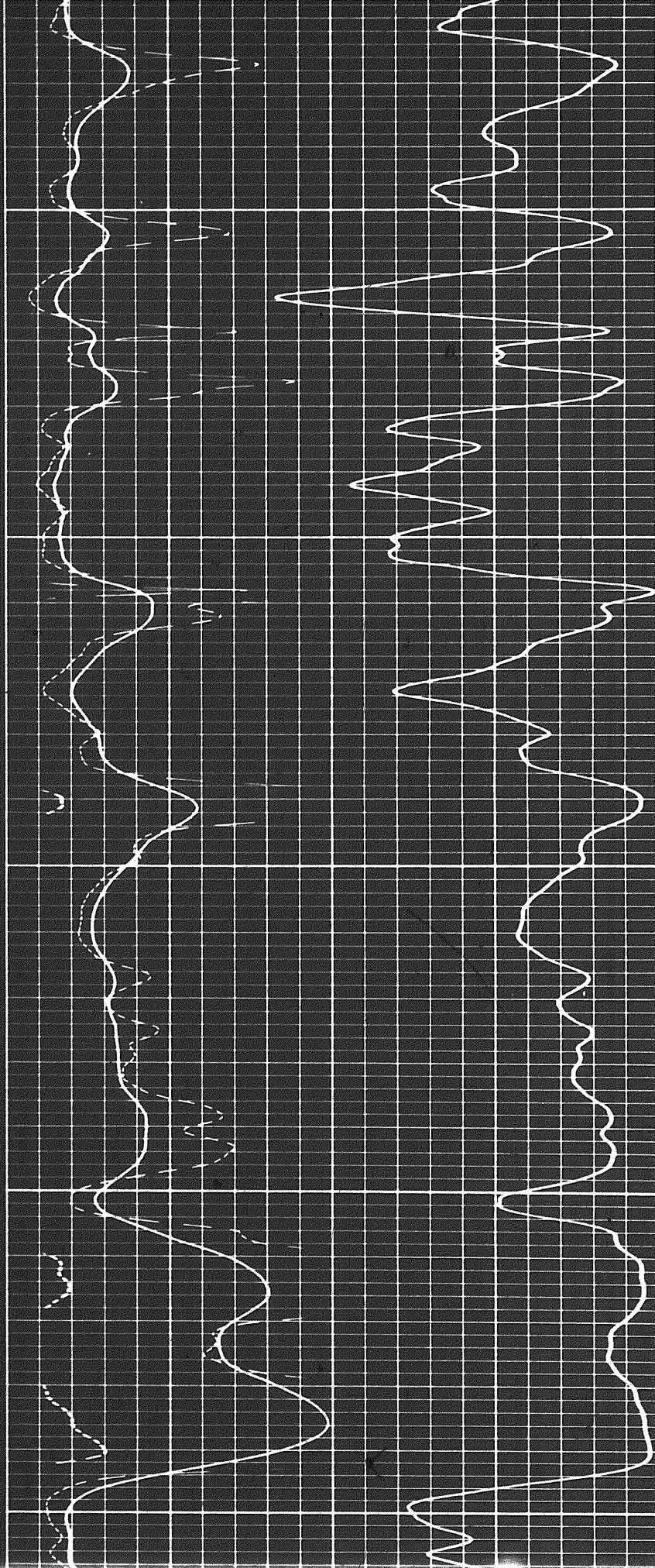
5200

5300

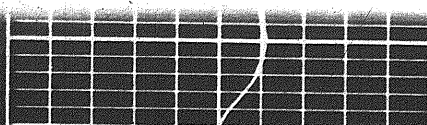




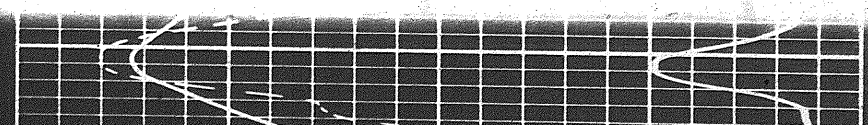
5400



5500

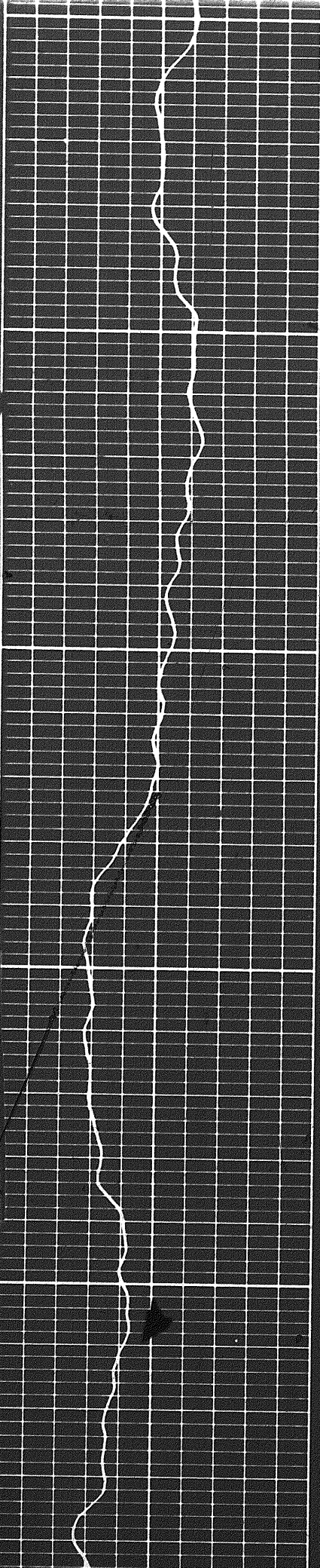


5600





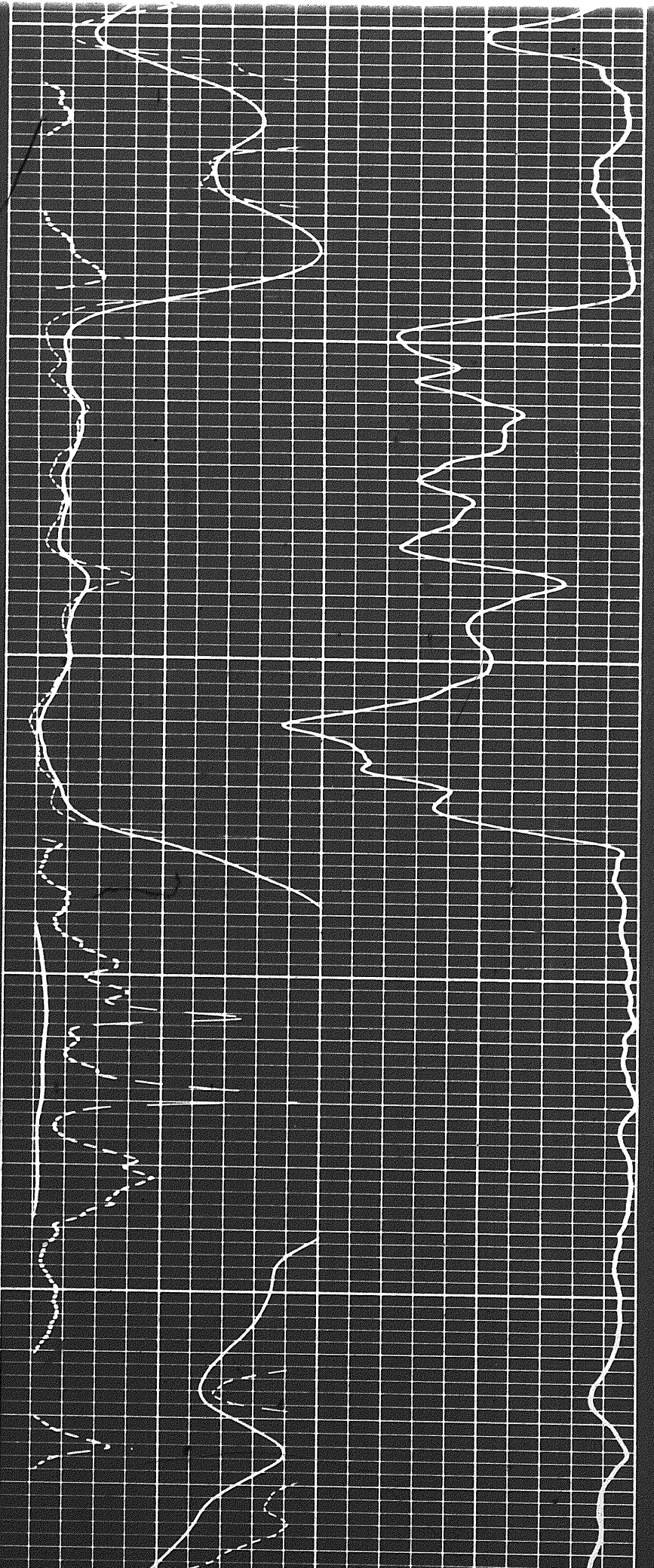
14 of



5900

5600

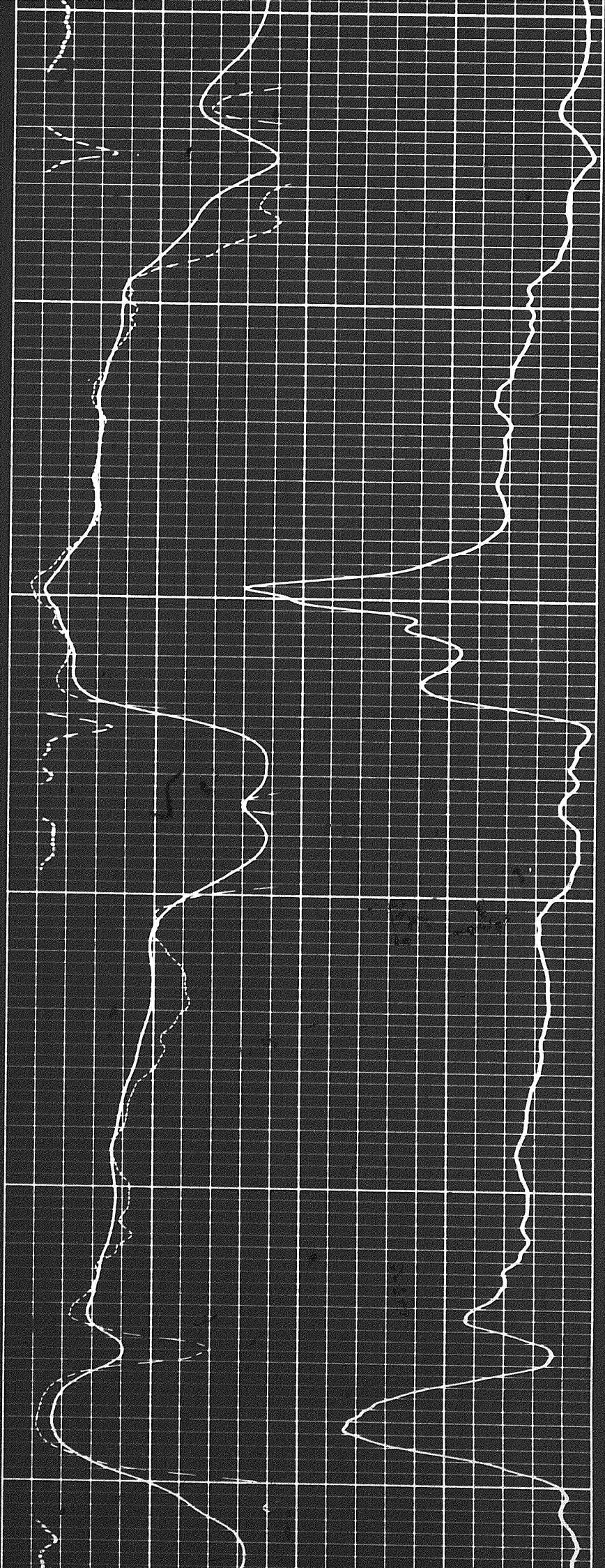
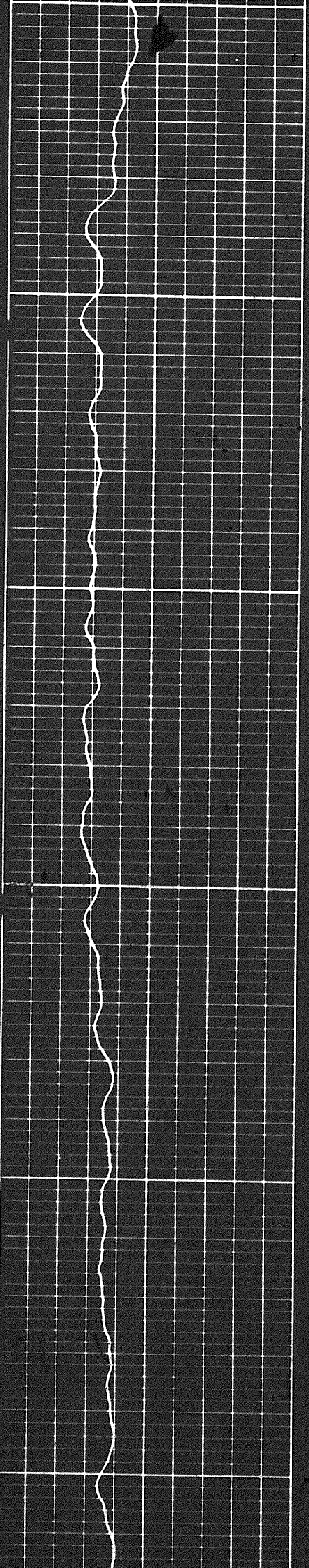
5700

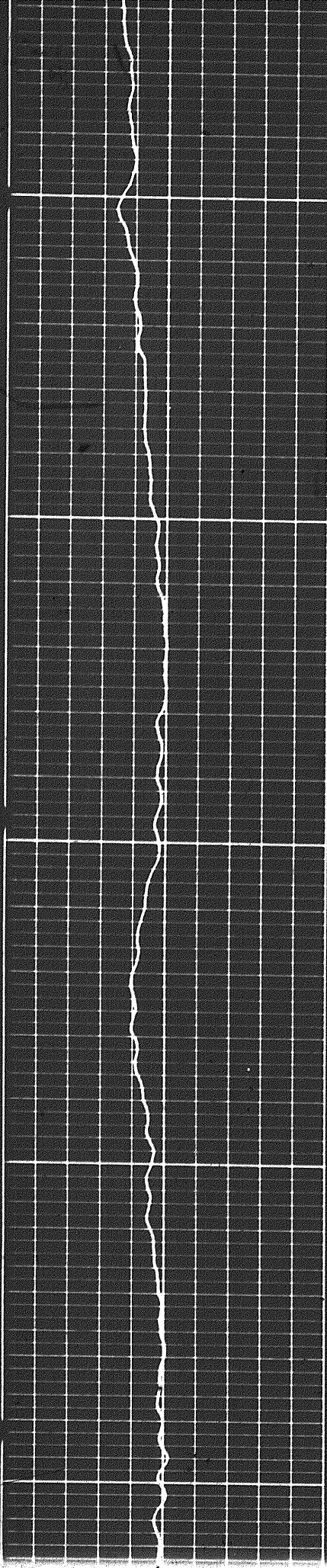


7700

5800

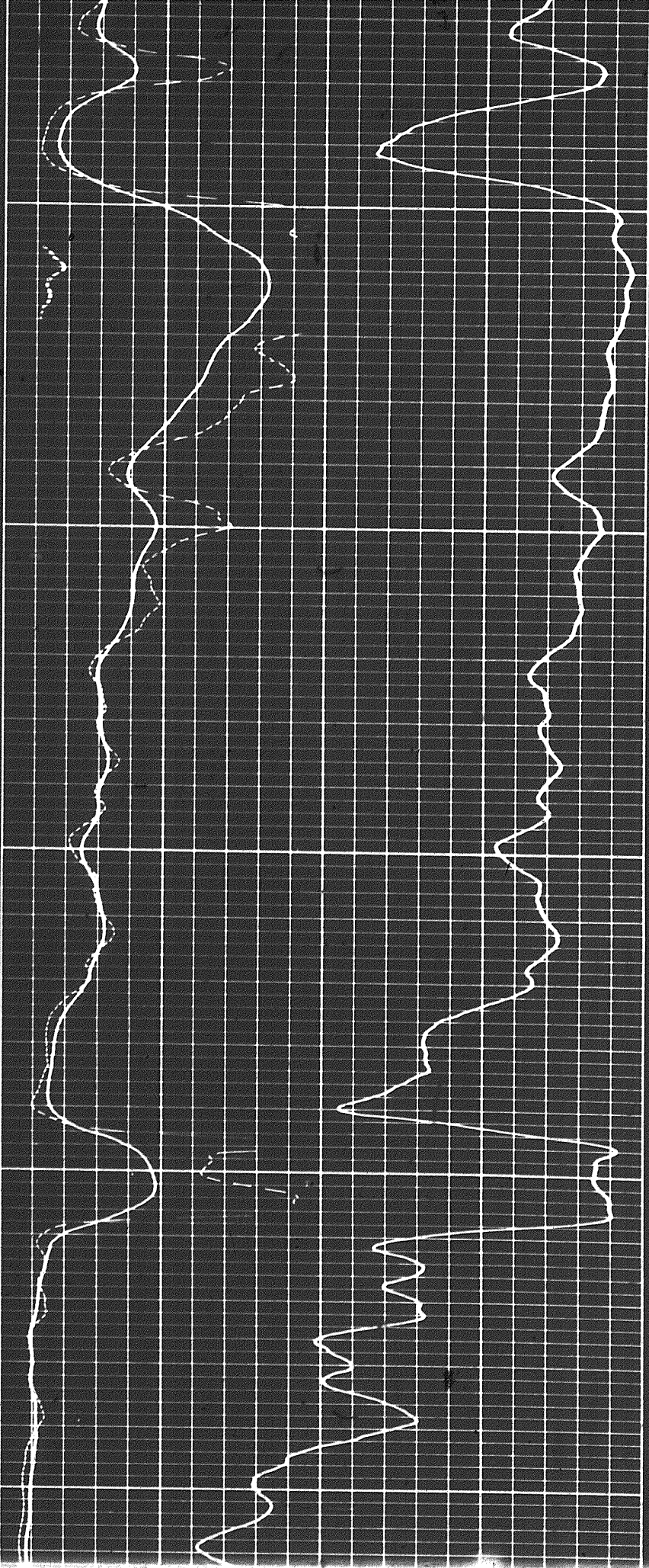
5900



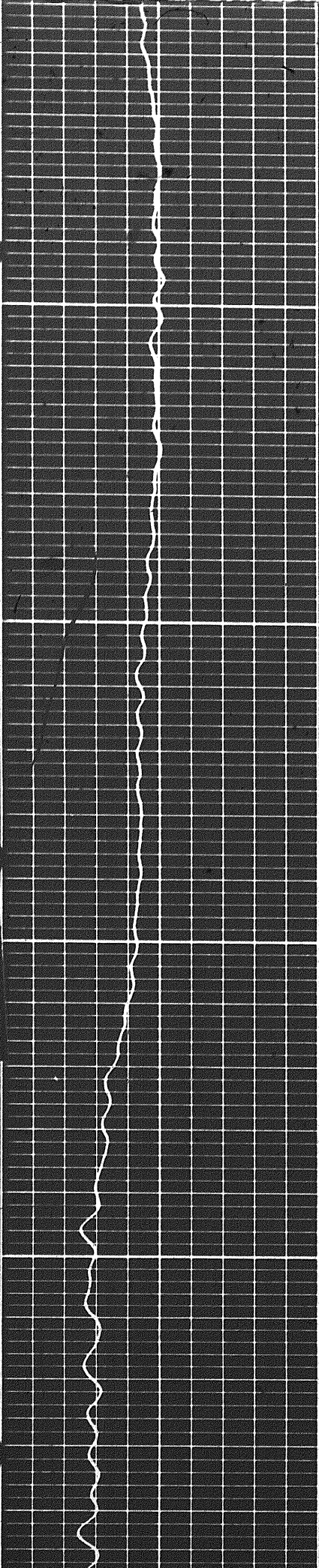


0009

0109



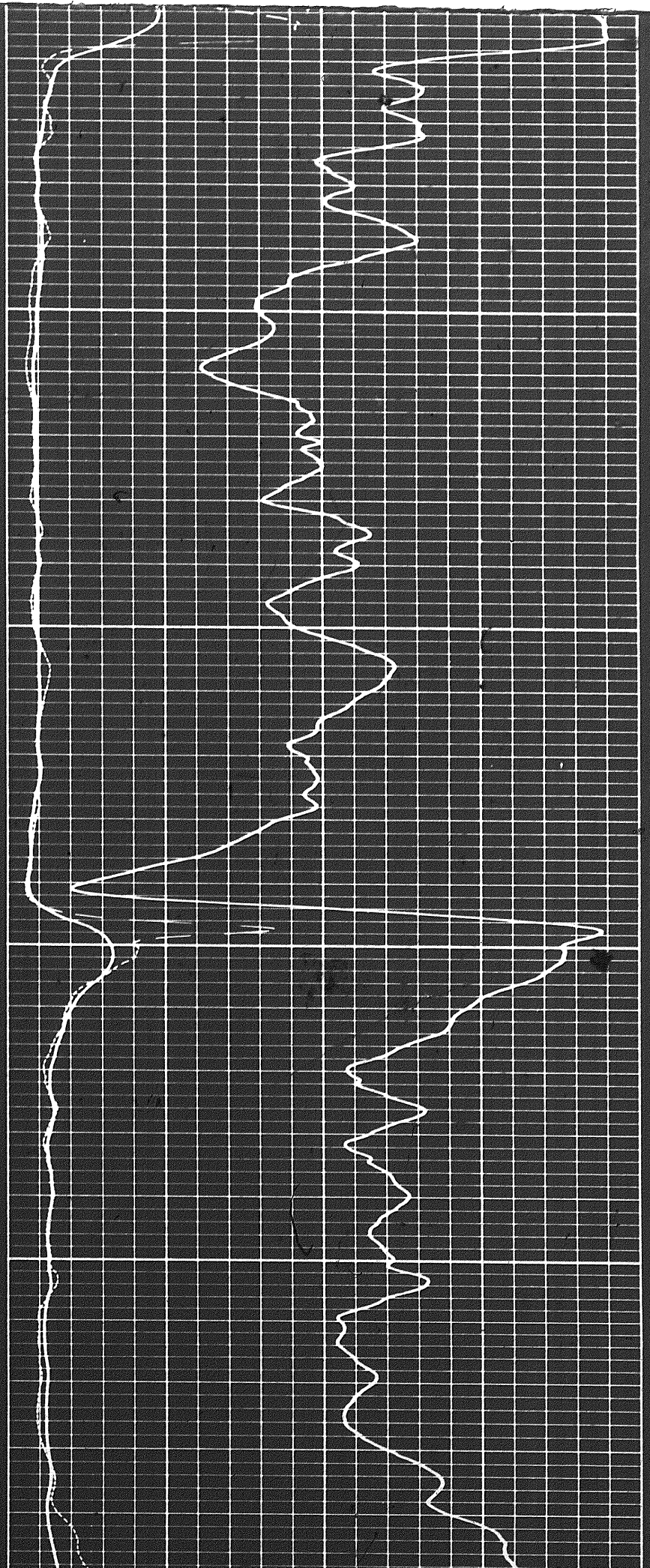
1507

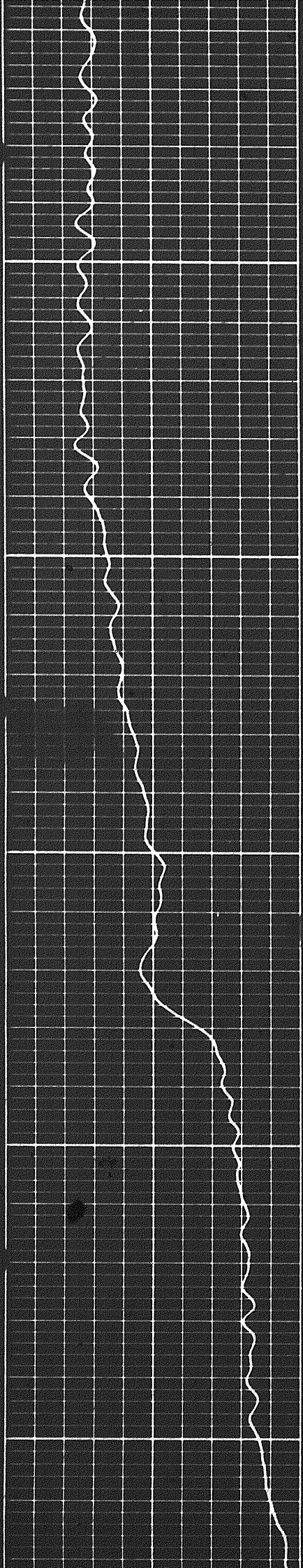


6200

6200

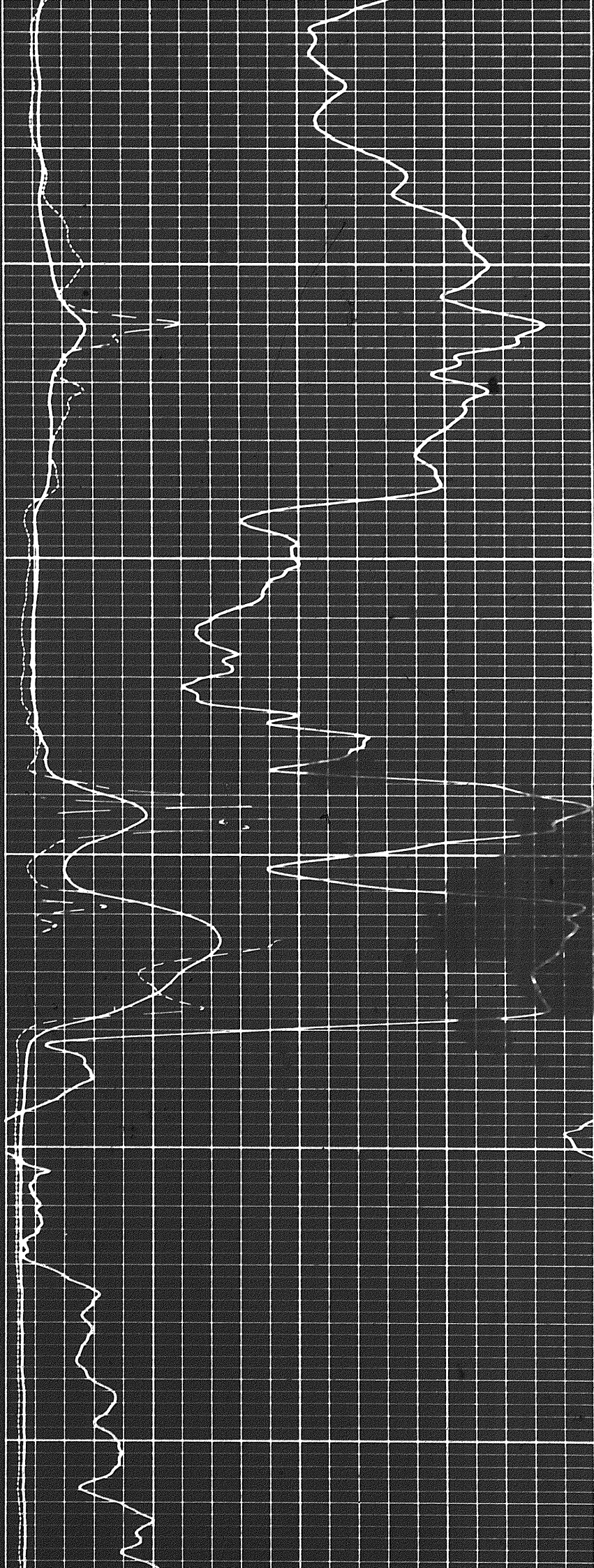
6300

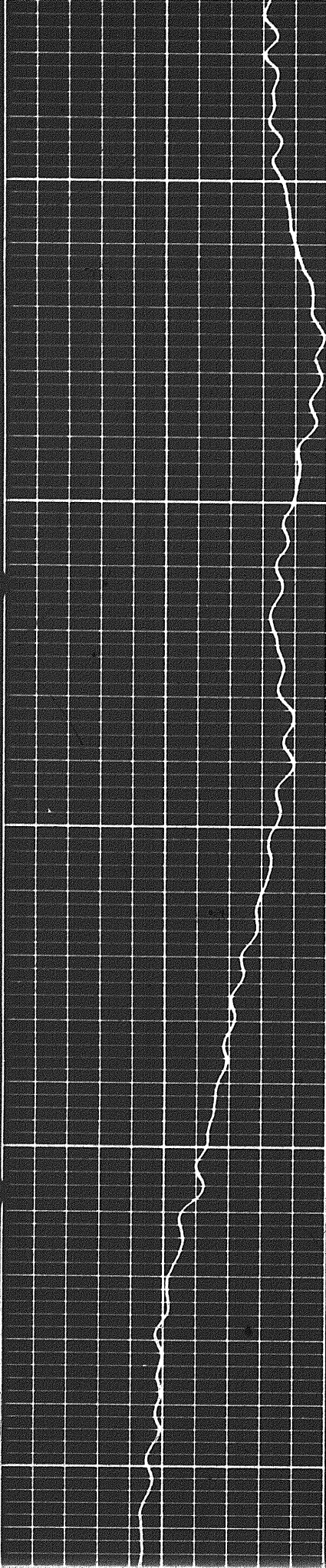




6400

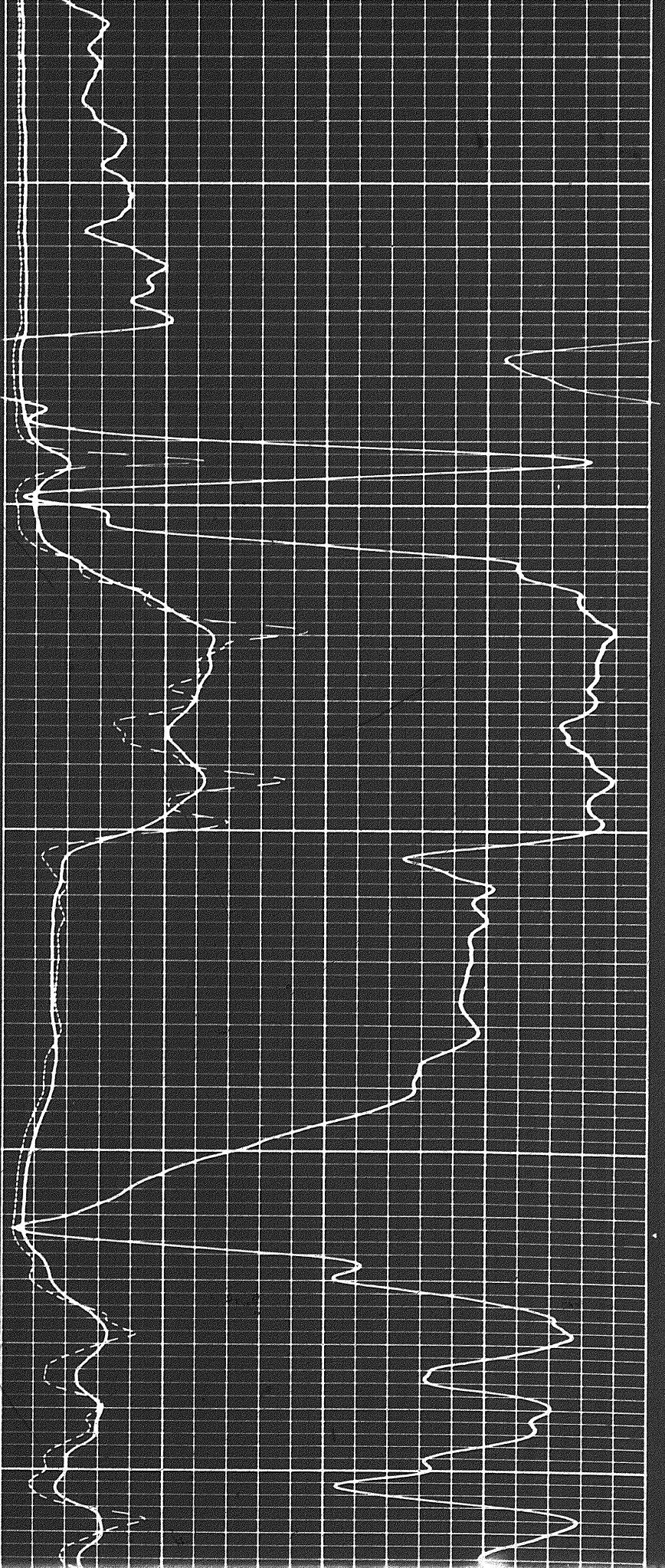
6500



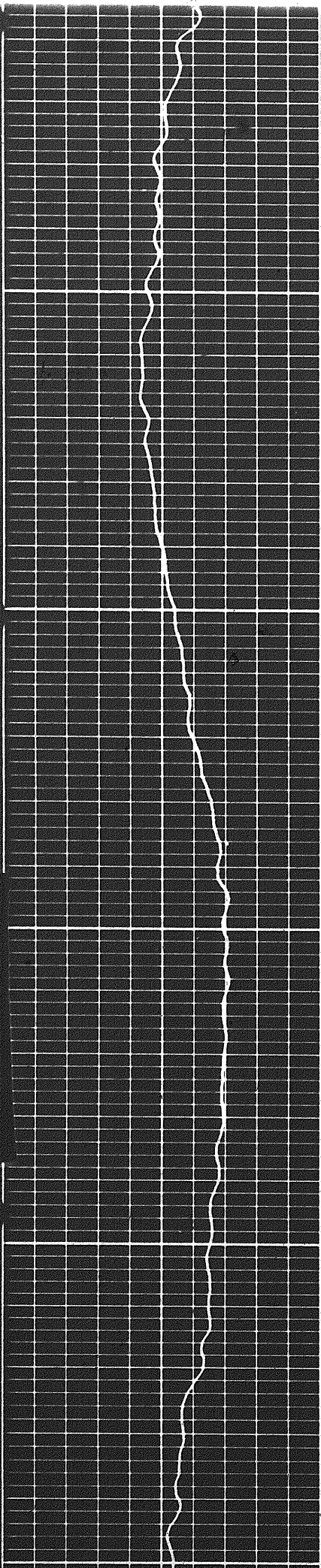


6600

6700

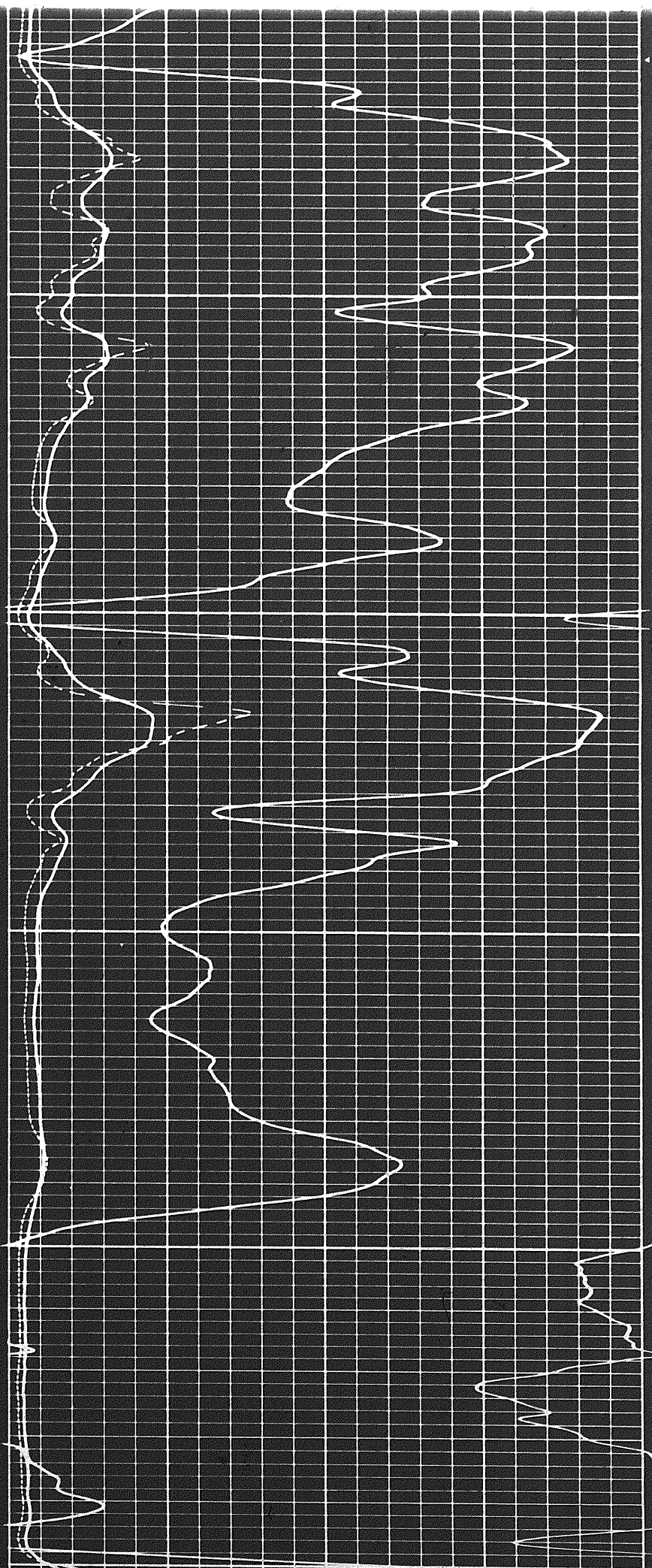


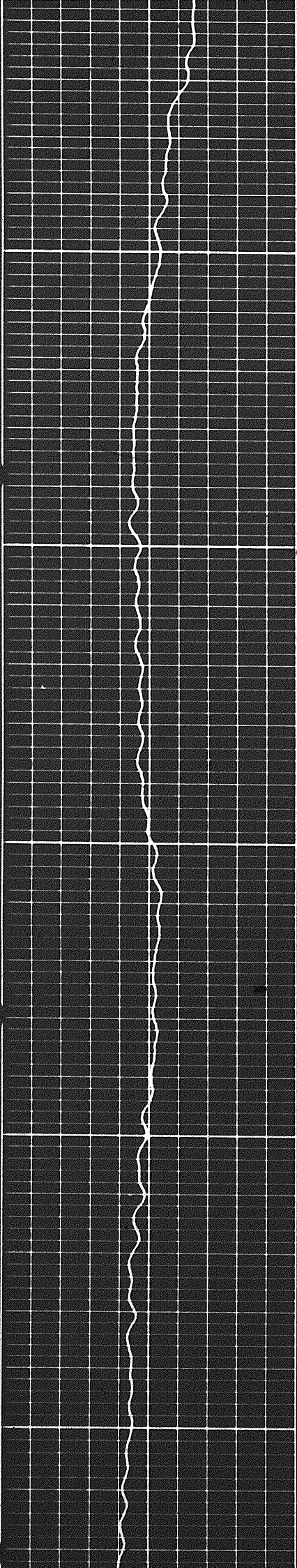
16 of



6900

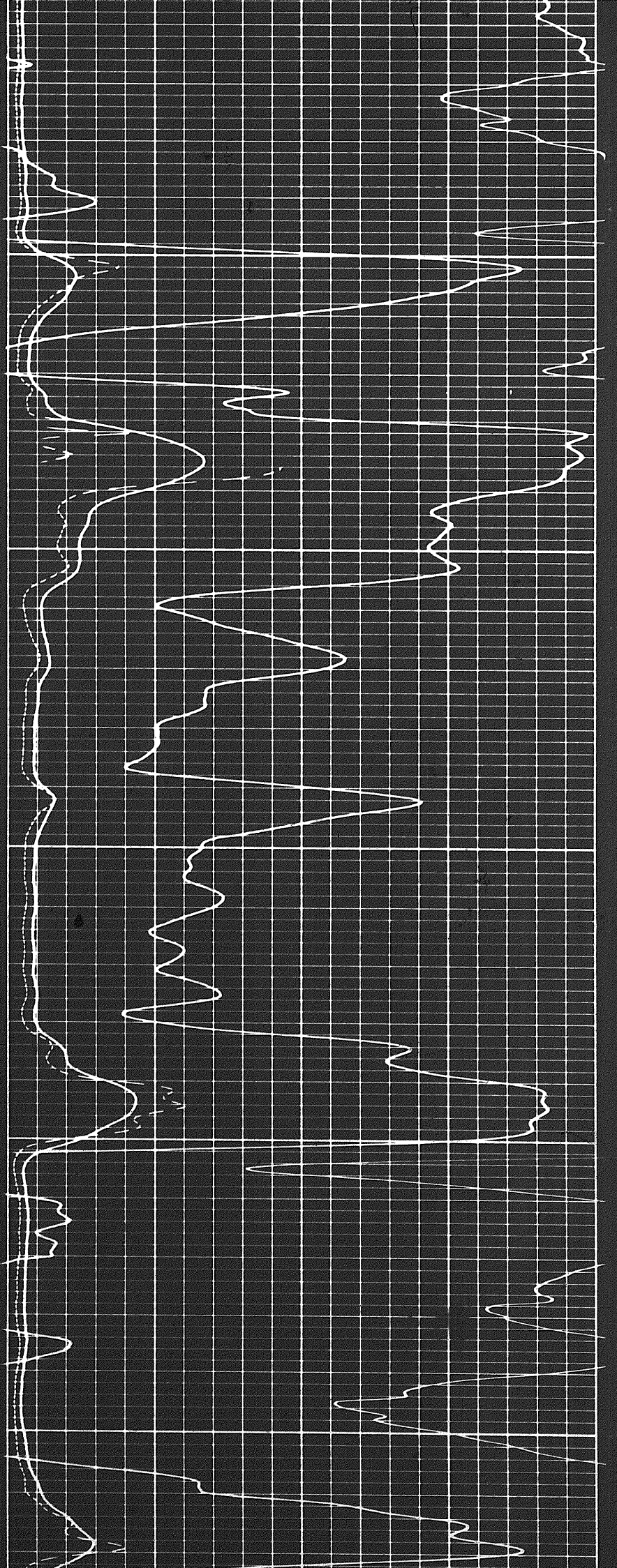
0089



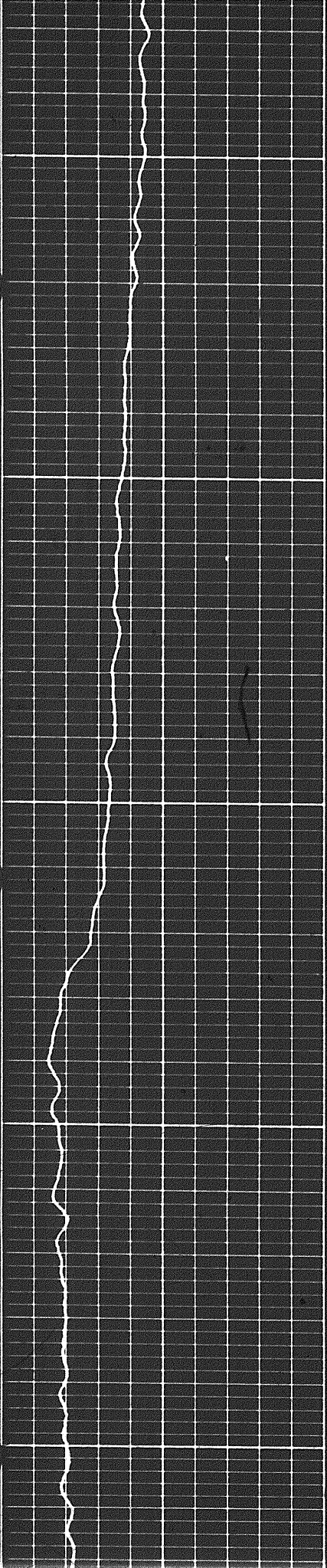


7000

7100

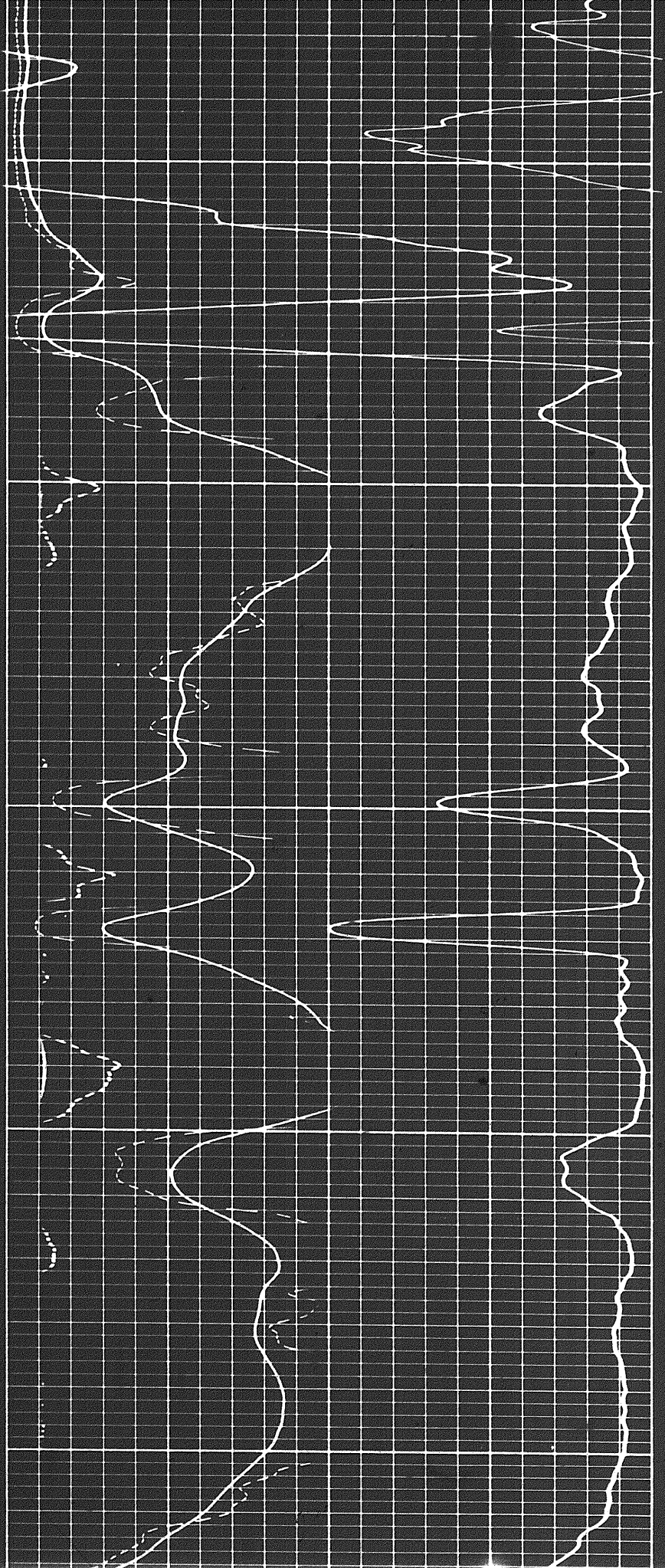




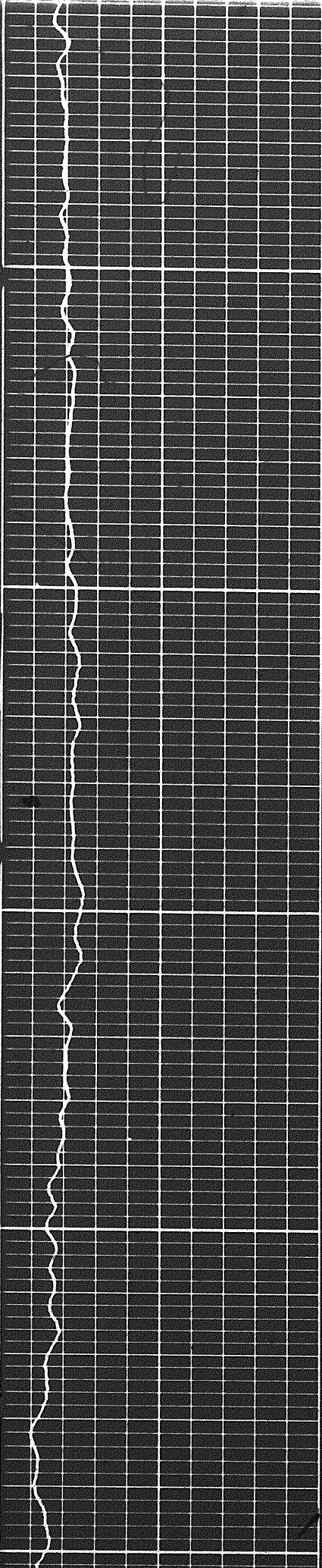


7200

7300

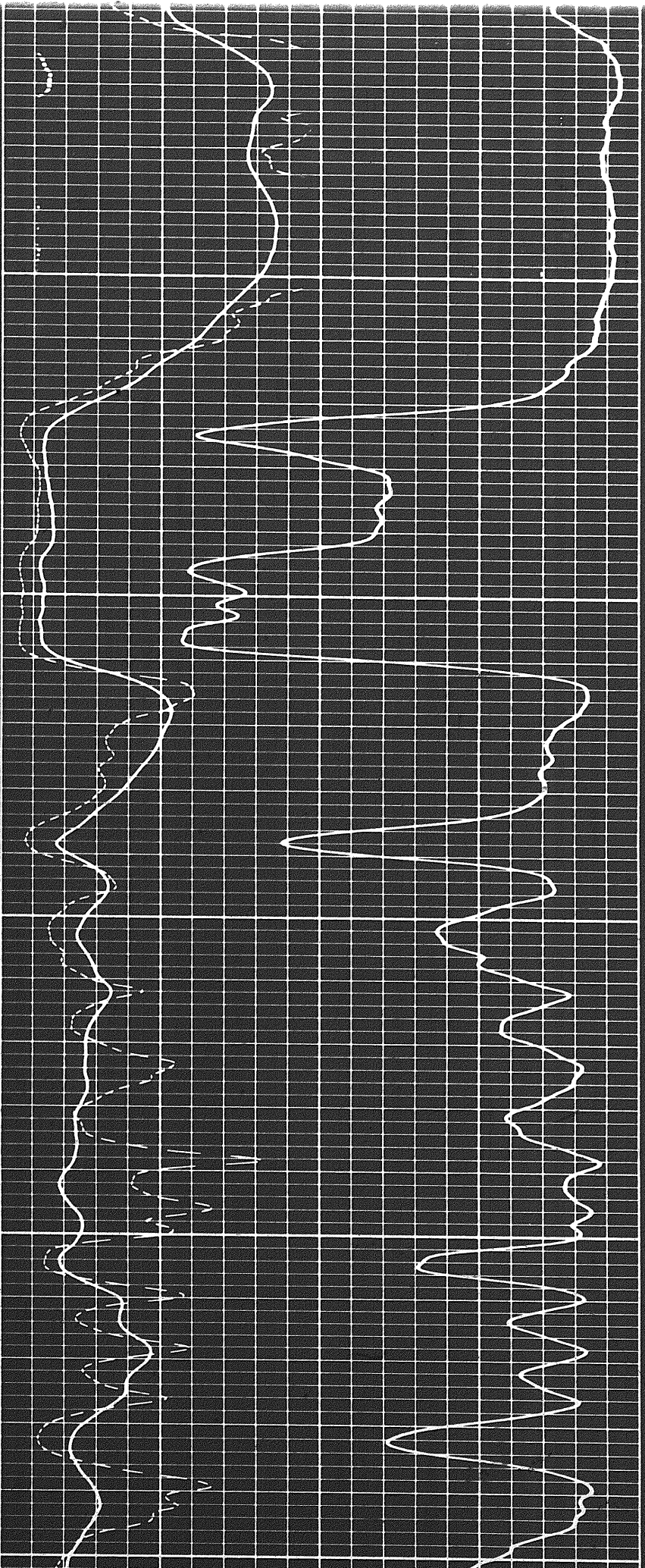


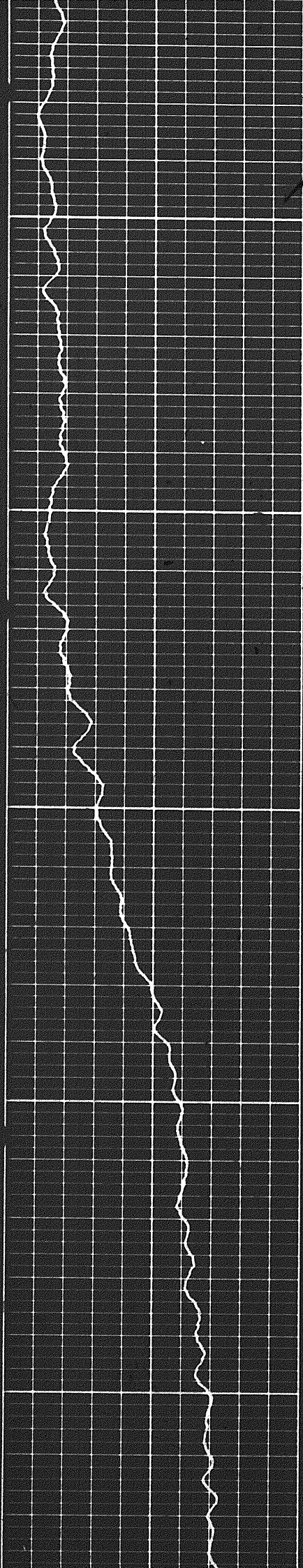
17 of



7400

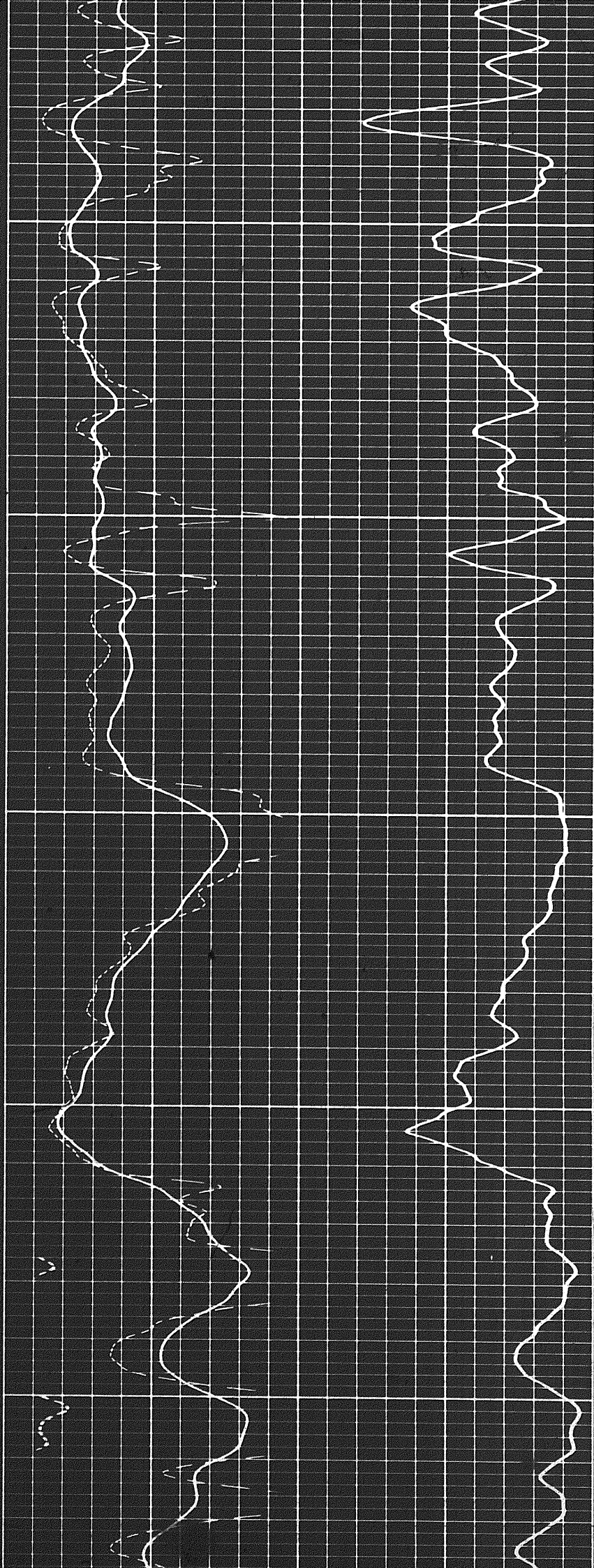
7500

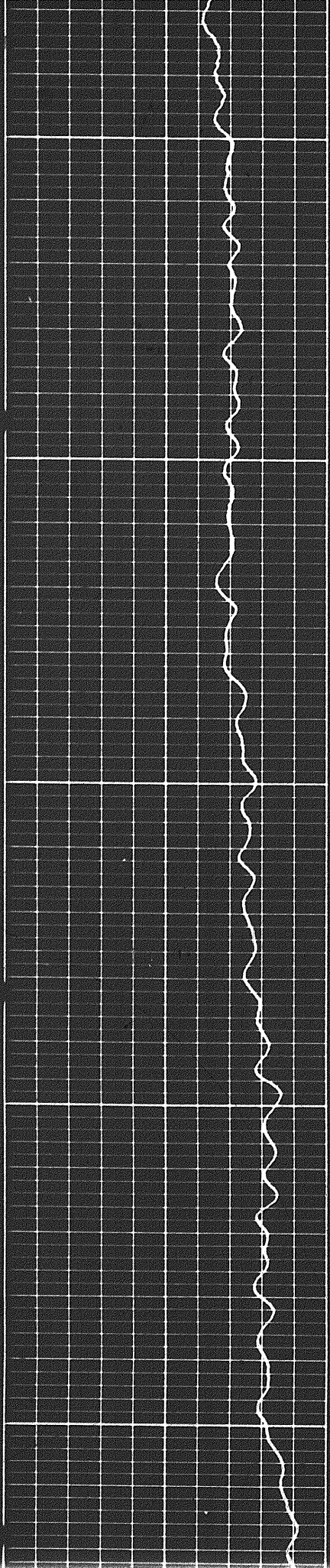




7600

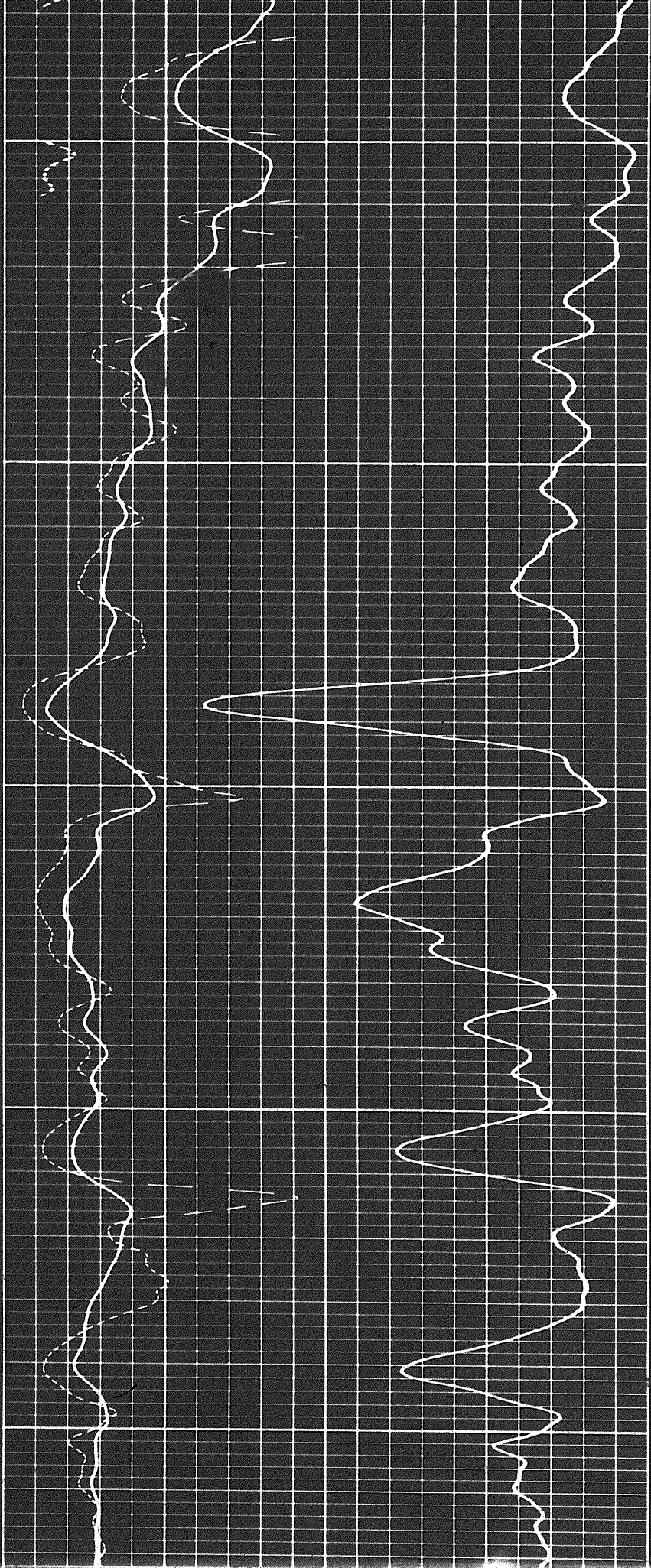
7700



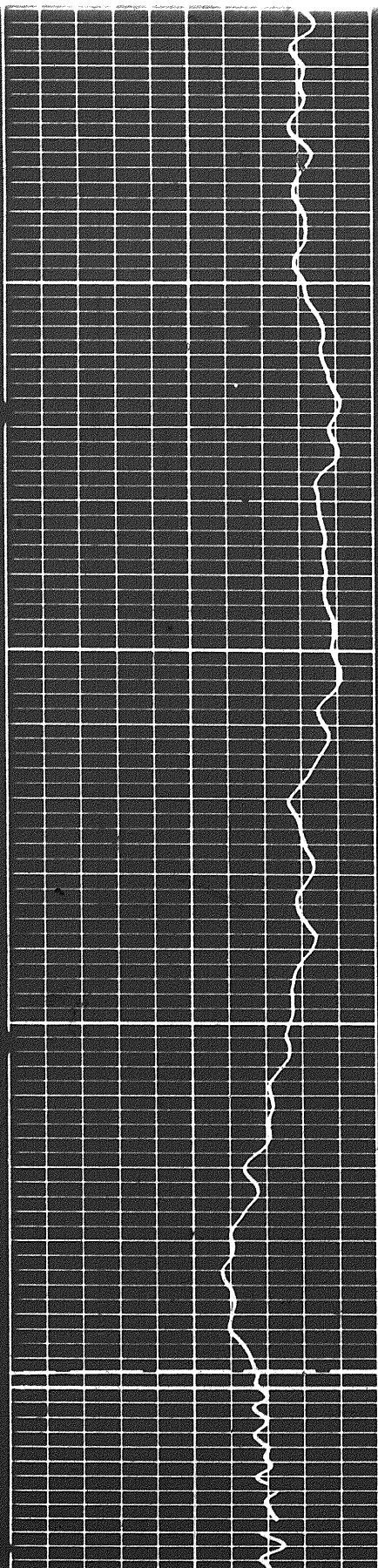


7800

7900

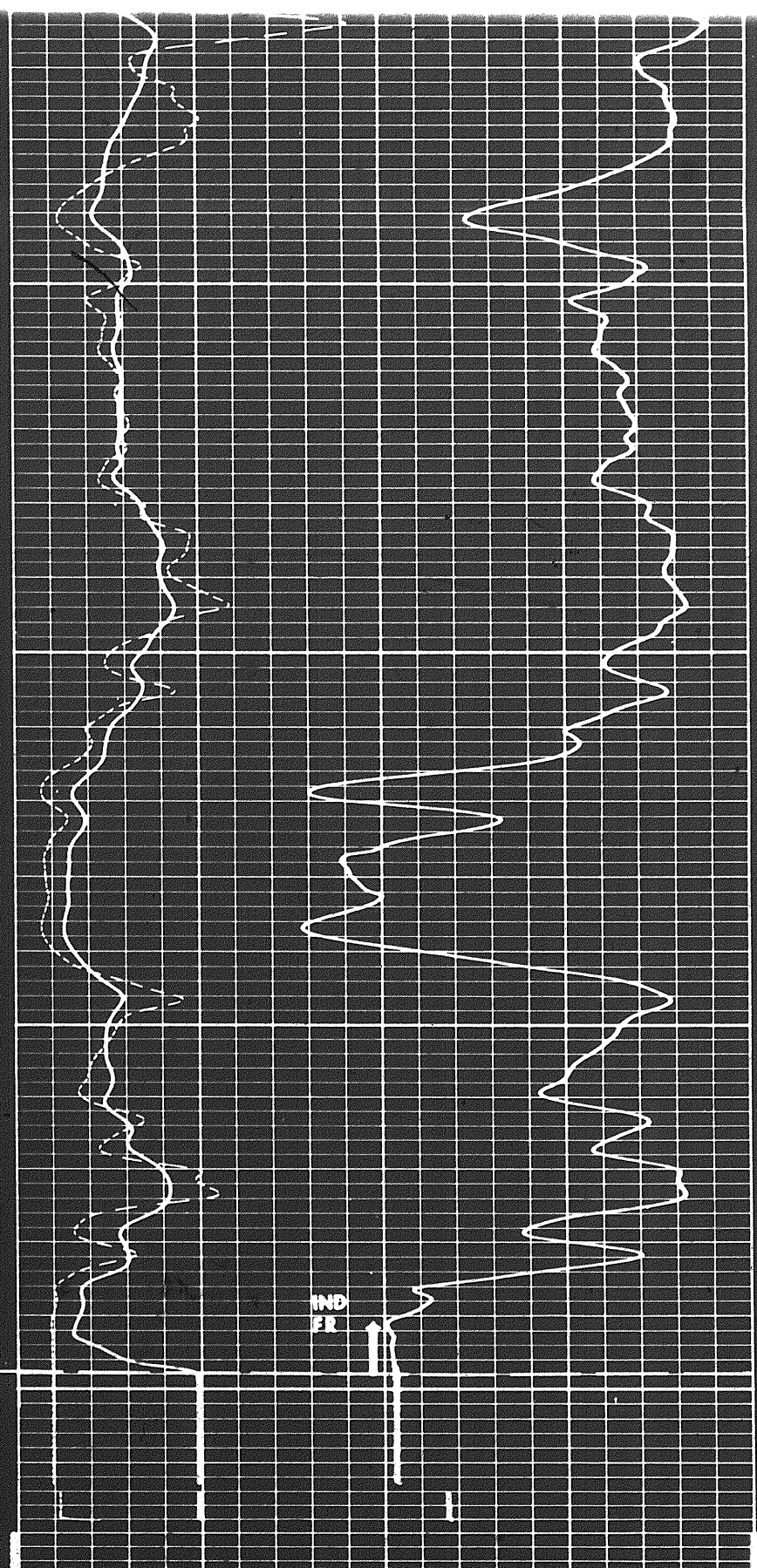


100718



8000

COFR



IND  
FR

16" NORMAL	
0	50
0	500
INDUCTION	
0	50

100719

16" NORMAL  
0 50

0 500

INDUCTION  
0 50

0 500

RESISTIVITY  
- ohms m<sup>2</sup>/m

20



INDUCTION  
400 200 0

600 400

SPONTANEOUS-POTENTIAL  
millivolts

DEPTH

CONDUCTIVITY  
millimhos / m =  $\frac{1000}{\text{ohms m}^2/\text{m}}$

COMPANY CANADA SOUTHERN PETROLEUM  
LIMITED

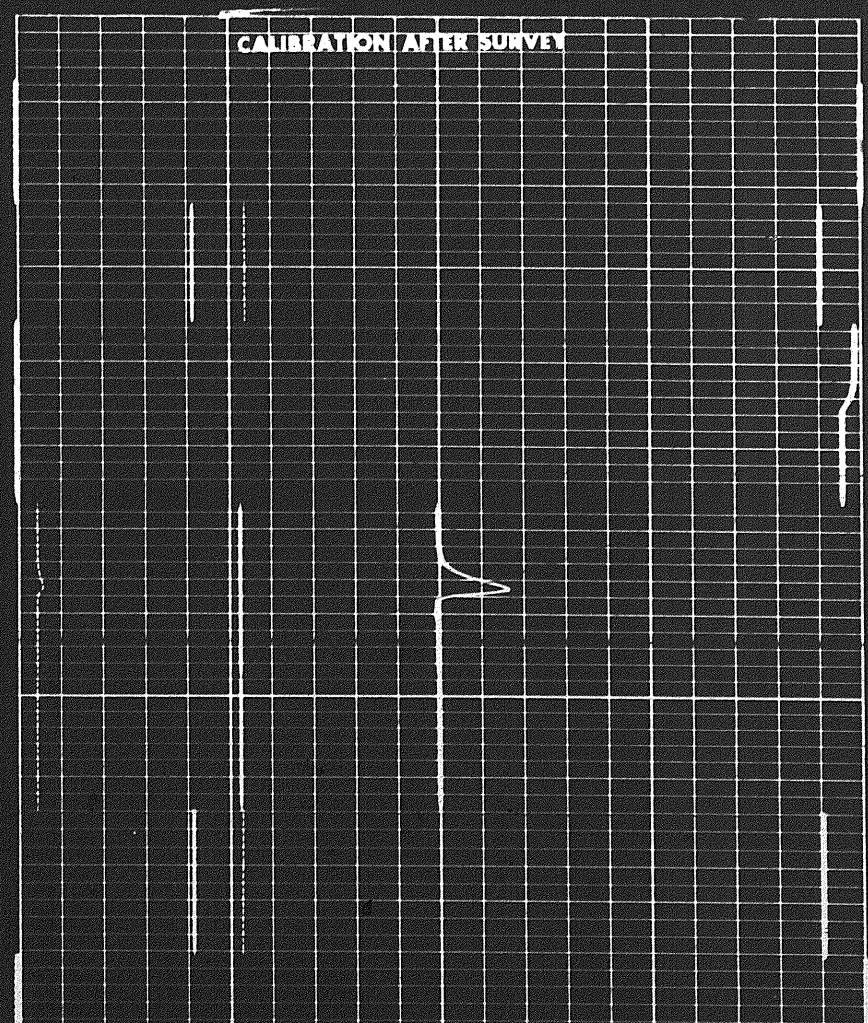
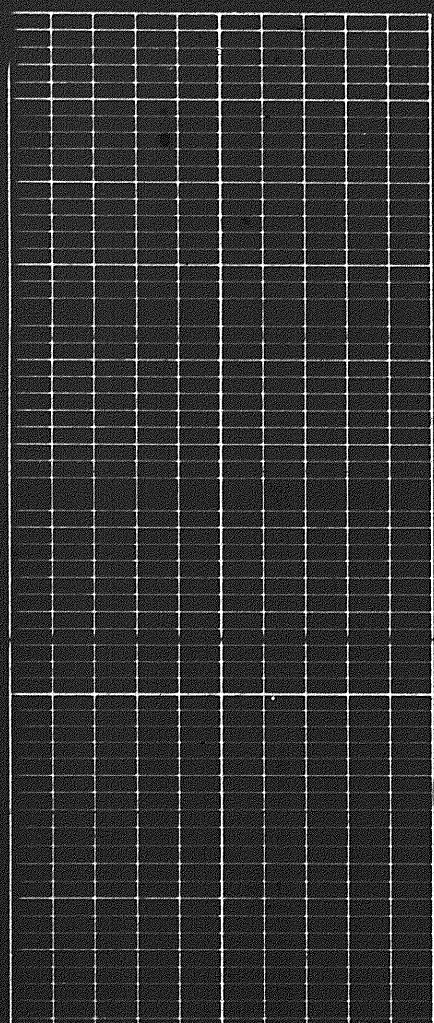
Rm 0.85 @ 74 °F  
Rmf 0.90 @ 60 °F  
Rmc 1.52 @ 60 °F  
BHT 160 °F

SOC FR 8098  
SOC TD 8099  
DRLR TD 8090  
Elev.: KB 1446.1  
DF  
GL 1430.0

WELL NORTH BEAVER RIVER YT 1-27

FIELD WILDCAT PROVINCE YUKON TERRITORY

CALIBRATION AFTER SURVEY





CALIBRATION BEFORE SURVEY