SONIC LOG
WITH GAMMA RAY
SCHLUMBERGER OF CANADA
Calgary, Alberta

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

Date	8SEPT63		
Run No.	ONE		
First reading	8091		
Last reading	1023		
Feet measured	7068		
Depth reached	8099		
Bottom Driller	8090		
Csg. SOC	1023		
Csg. Driller	1025		
Mud Nature	GEL-CHEM		
Dens. / Visc.	11.8 / 107		
Mud pH	9.5		
Water Loss	3.9		
Res. @ BHT	0.35 @ 74 °F	@ °F	@ °F
Rmf @ BHT	0.37 @ 167 °F	@ °F	@ °F
Rmc	0.90 @ 60 °F	@ °F	@ °F
Bit Size	12 1/4"		
Span	1.52 @ 60 °F	@ °F	@ °F
	1025 To 8099	To	To
	To	To	To
	To	To	To
Opr. Rig Time	6.5 HRS		
Truck No.	2547 - DC		
Recorded By	CHENOSKY		
Witness	HARTLEY		

COMPANY CANADA SOUTHERN PETROLEUM LIMITED
WELL NORTH BEAVER RIVER YT 1-27
FIELD WILDCAT
PROVINCE YUKON TERRITORY
LOCATION GRID 124°0'; 60°10' NE CORNER SEC 27 UNIT 1
Permanent Datum GL Elev. 1430
Log Measured From KB 16.1 Ft. Above Perm. Datum
ELEV.: KB 1446.1 GL 1430.0 CBF
Other Services: LLS, MLL, DL

AV/11 9763/DC

REMARKS B.H.T. 167 °F Measured 7 Hours After Circulation

Caliper No. -
Cartridge No. VLC-B-155
Panel No. VLP-B-155
Sonde No. VLS-J- 32
Centralizer Type CDM - GUIDE AND CALIPER

NOTE: 57.5 PER SECOND READING IN CEMENTED CASING

GAMMA RAY CALIBRATION:

Background CPS.	Test Source CPS.	Galv. Increase Divisions	Panel Sens. Tap for Cal.
80	430	8.25	500

DEPTHS

GAMMA RAY
API UNITS

Interval 1025 to 6488
Sens 300 TC 1
Logging Speed 40 ft./min.
ZERO 0 div. to left
0 120
120 240

Interval 6488 to 8089

SONIC

T
R
R
Spacing 3'
Pickup Span 1'

INTERVAL TRANSIT TIME
microseconds per foot
← Increases

140 90 40
240 190 140

120 240

Interval 6488 to 8089

Sens 200 T C 1

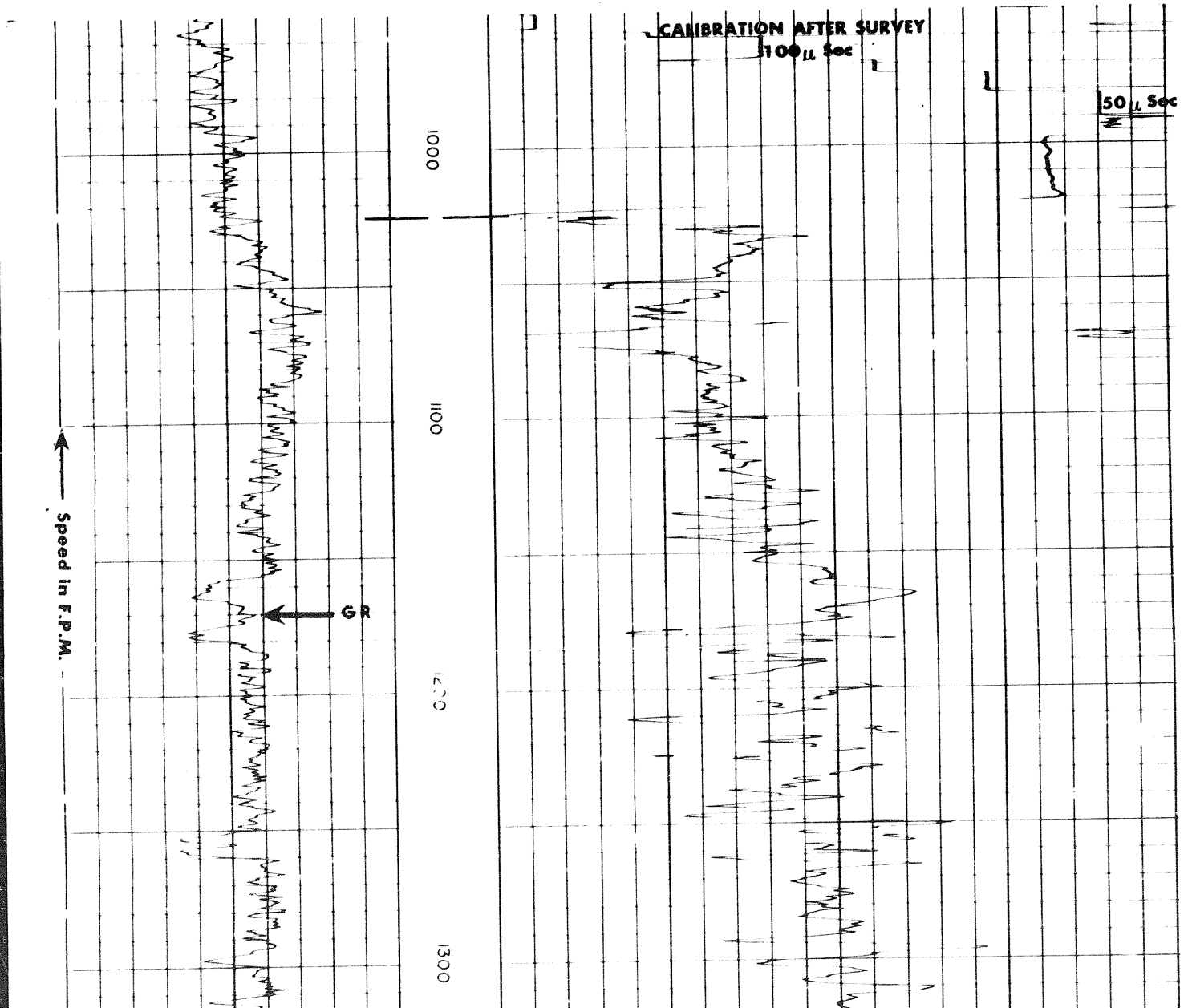
Logging Speed 40 ft/min

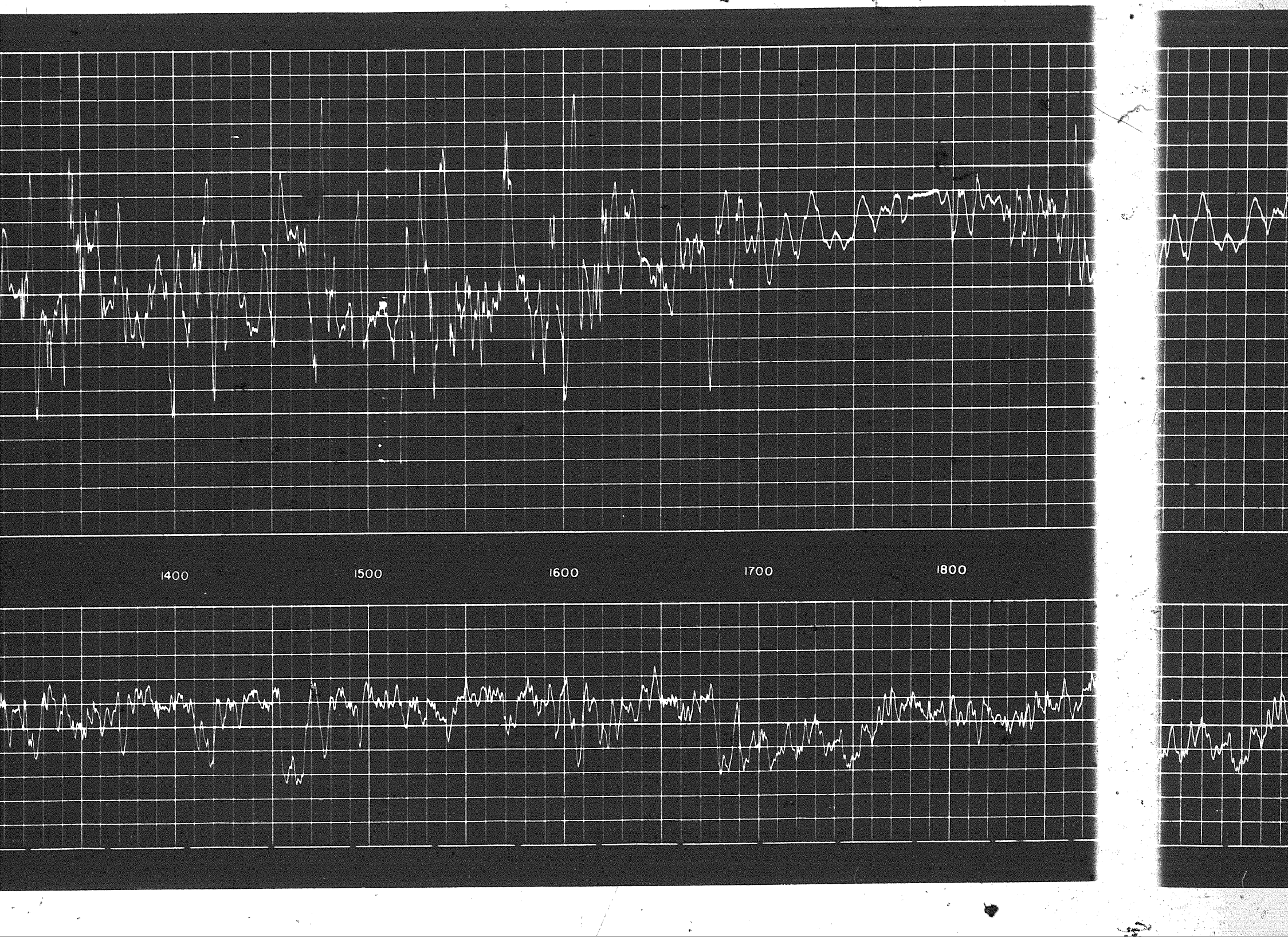
ZERO 0 div to left

0 80

80 160

240 190 140

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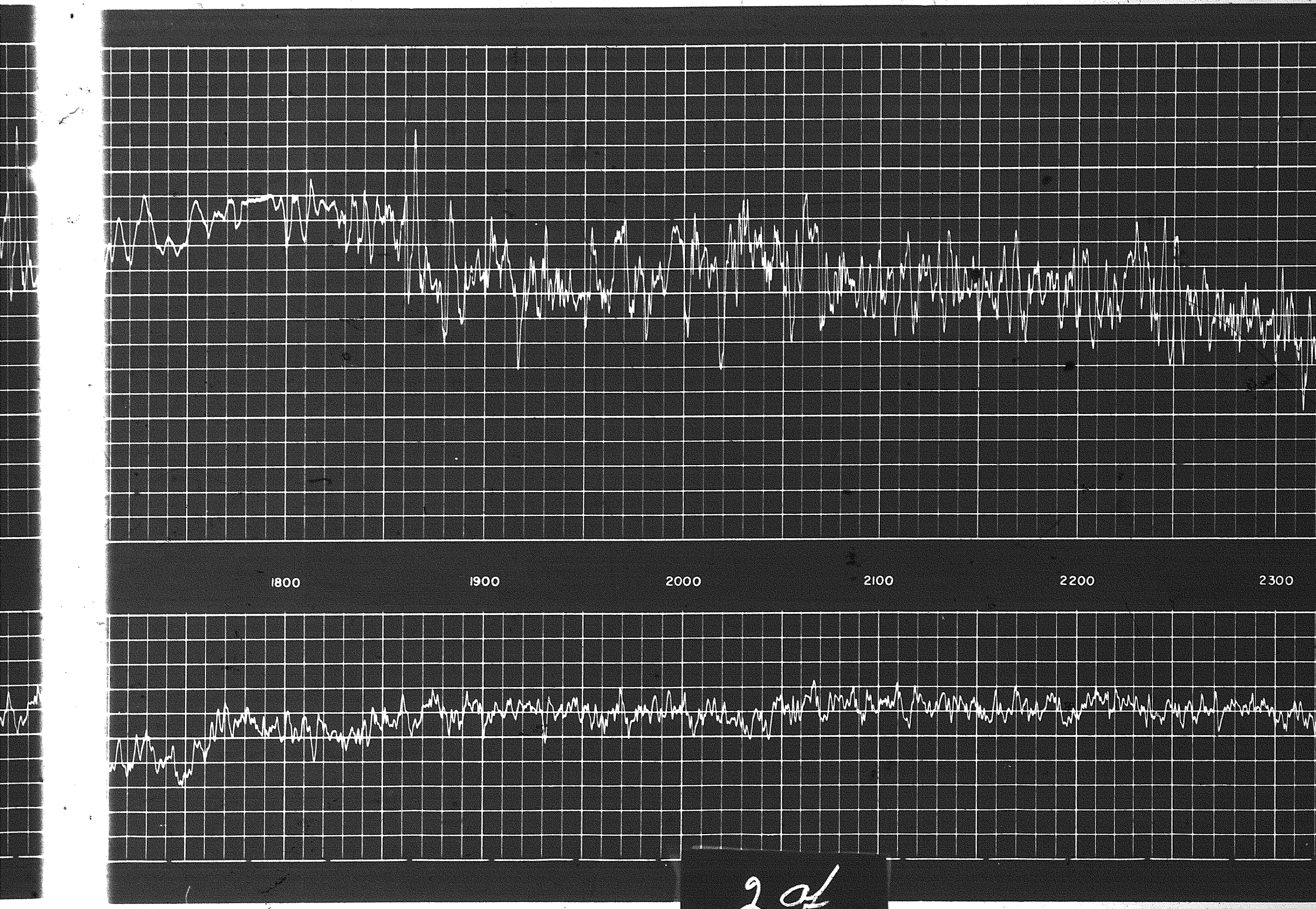
1500
1600
1700
1800



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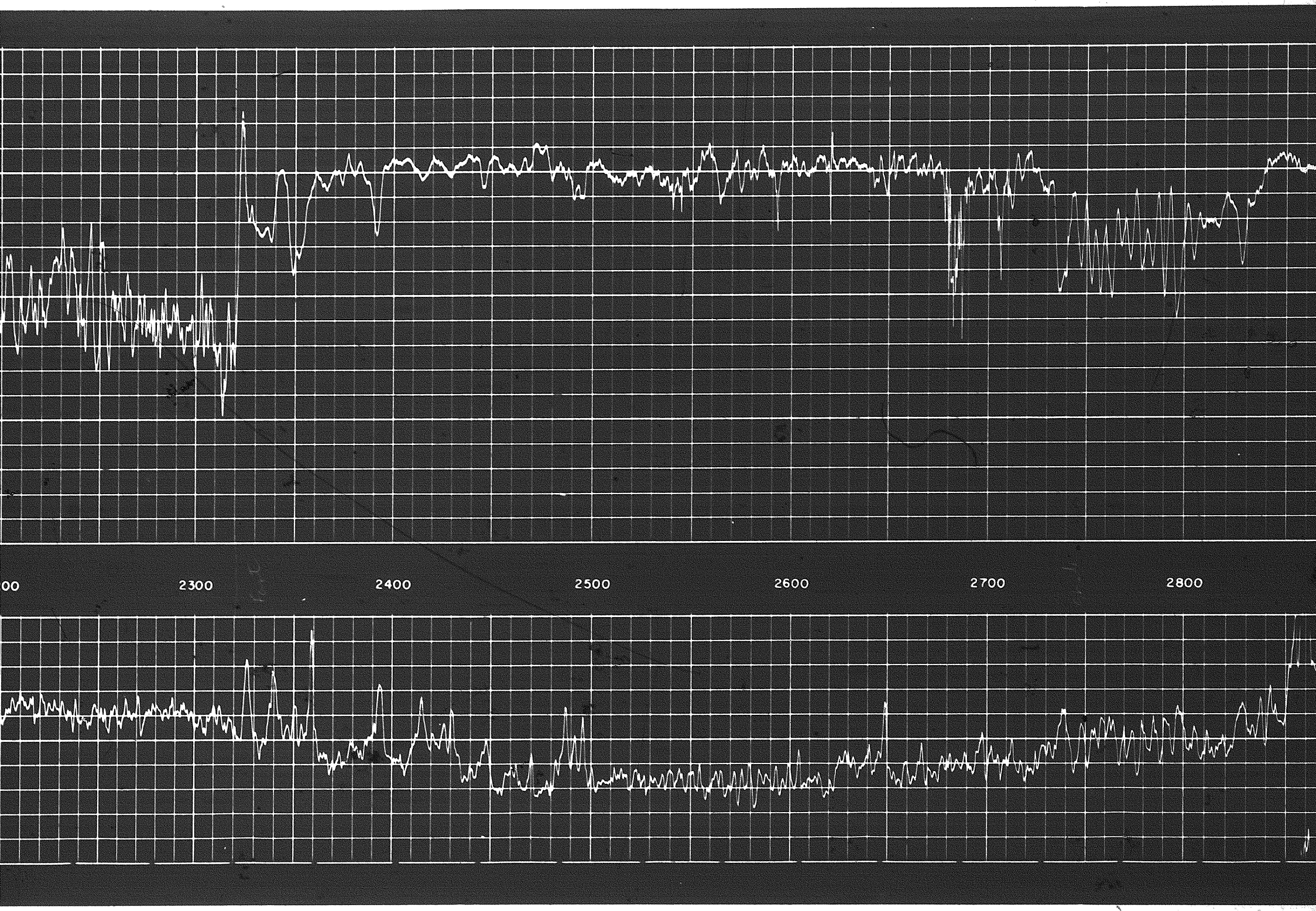
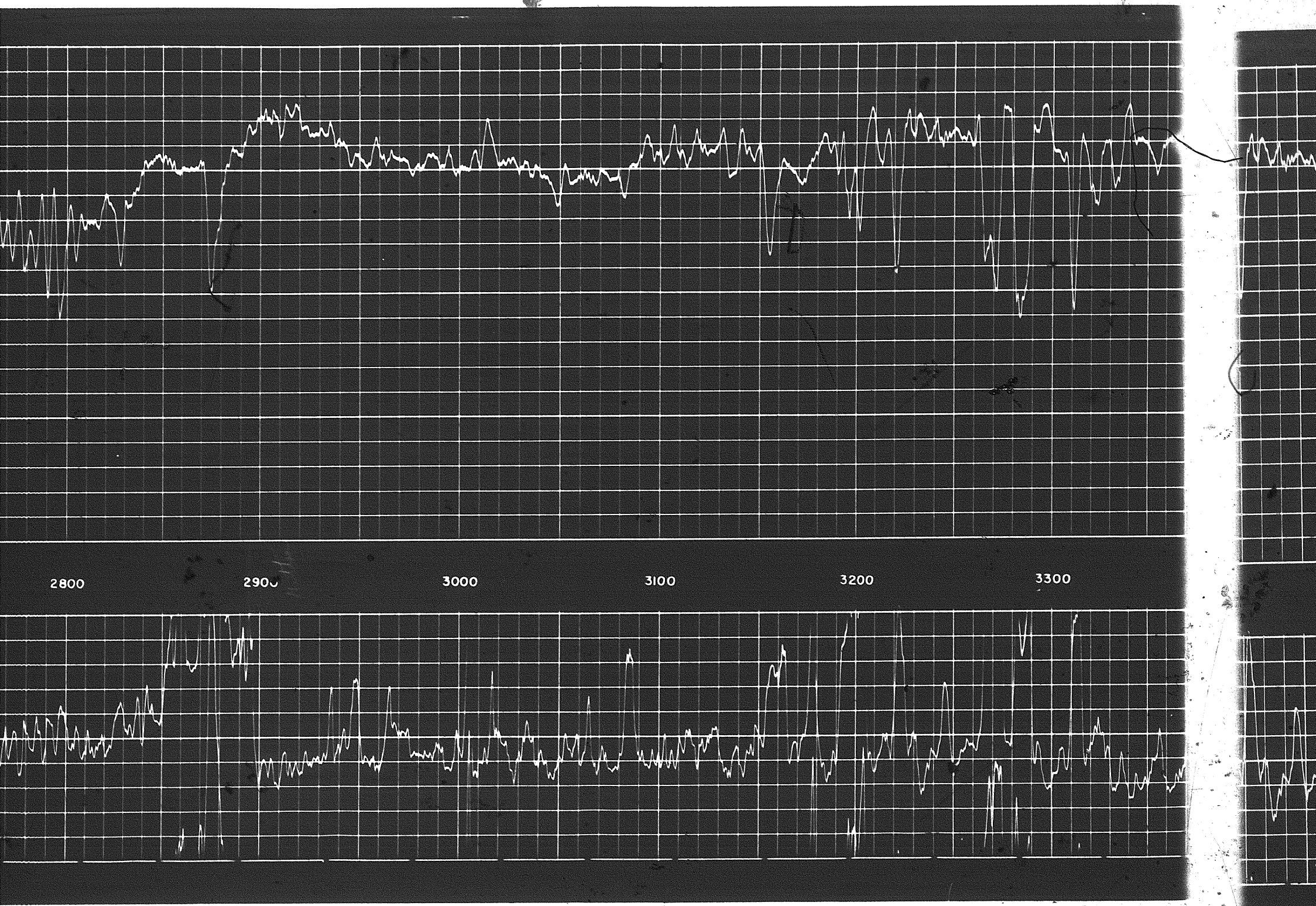

00
2300
2400
2500
2600
2700
2800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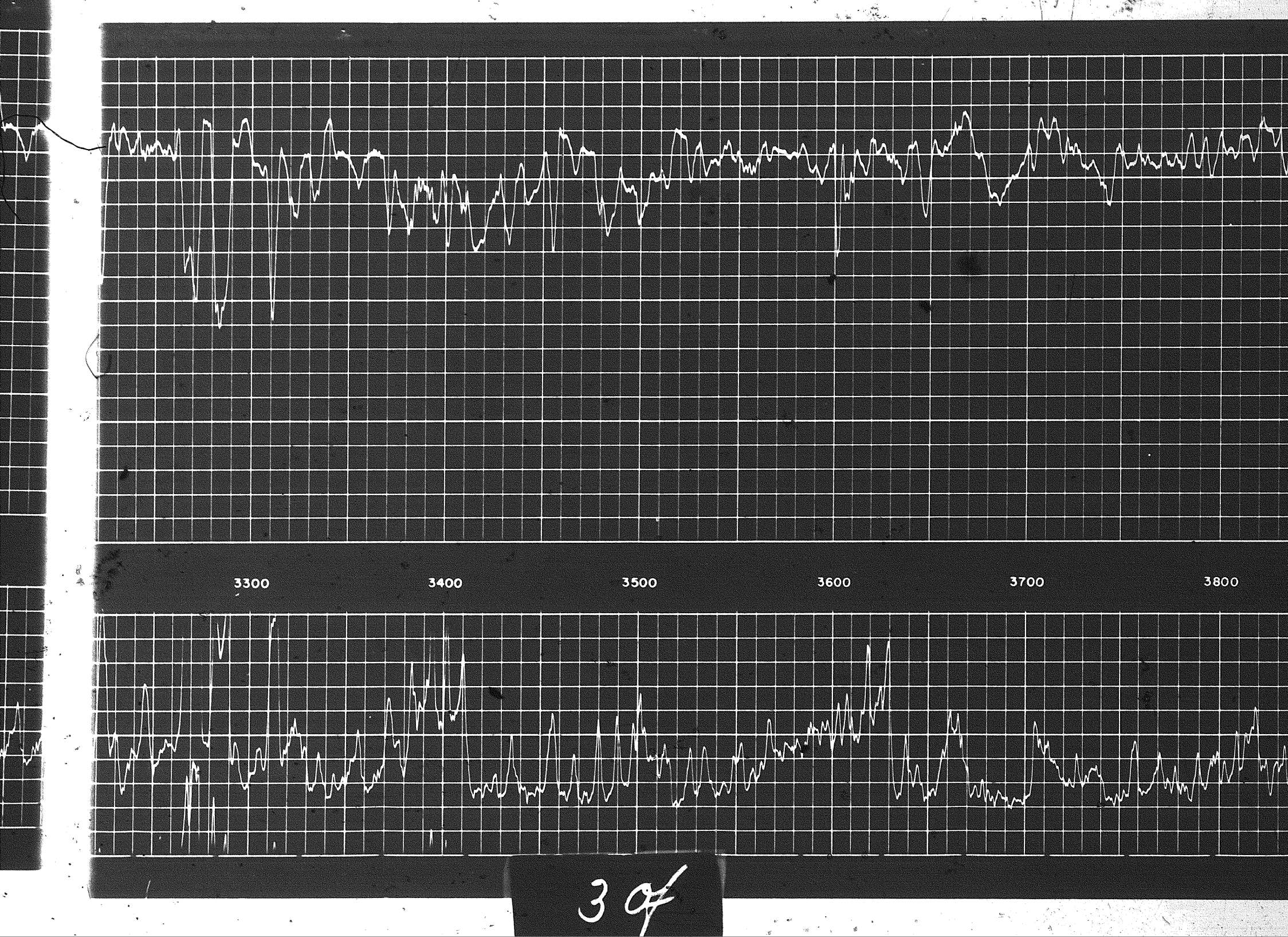
2900
3000
3100
3200
3300



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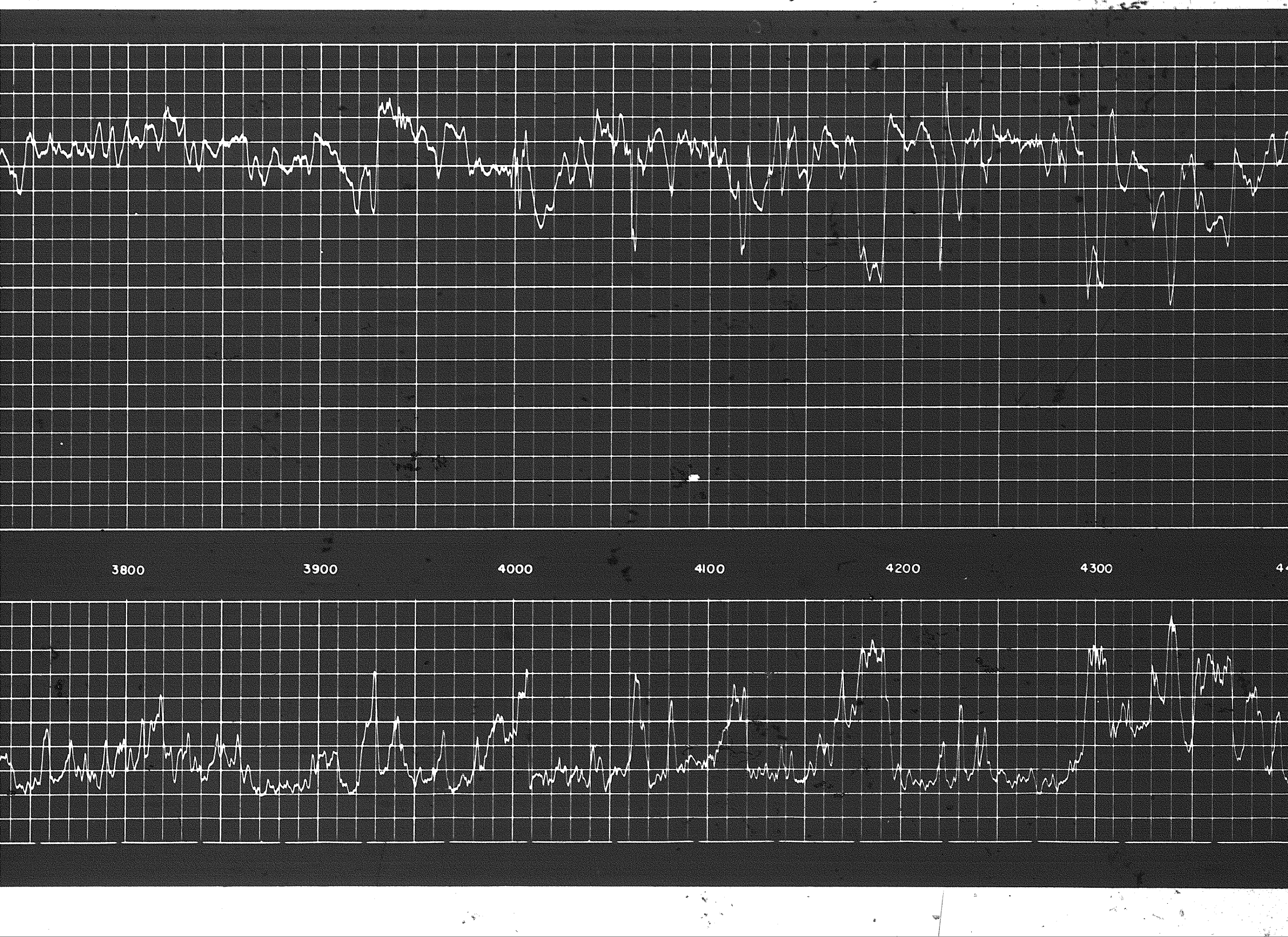
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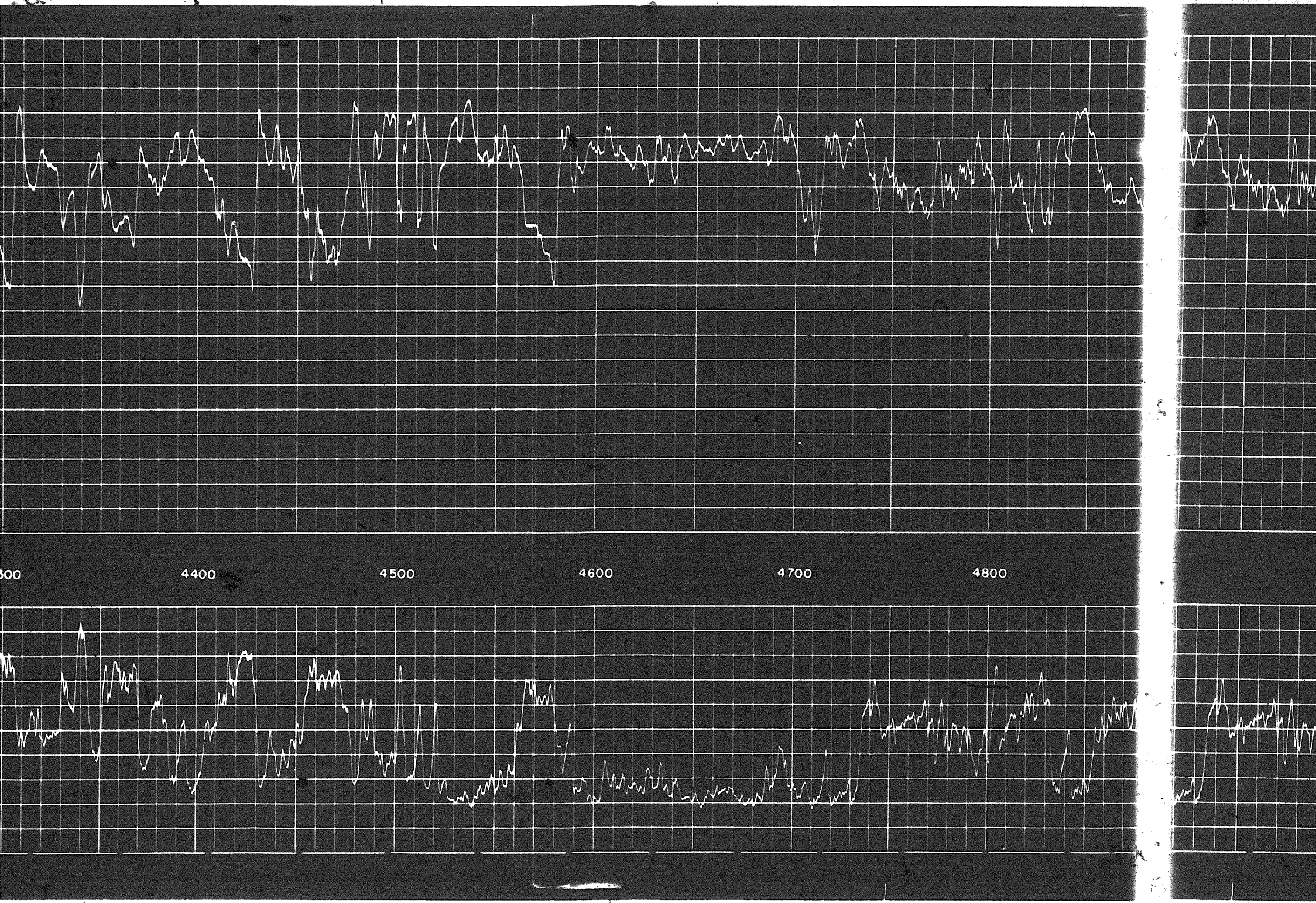
3900
4000
4100
4200
4300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4700
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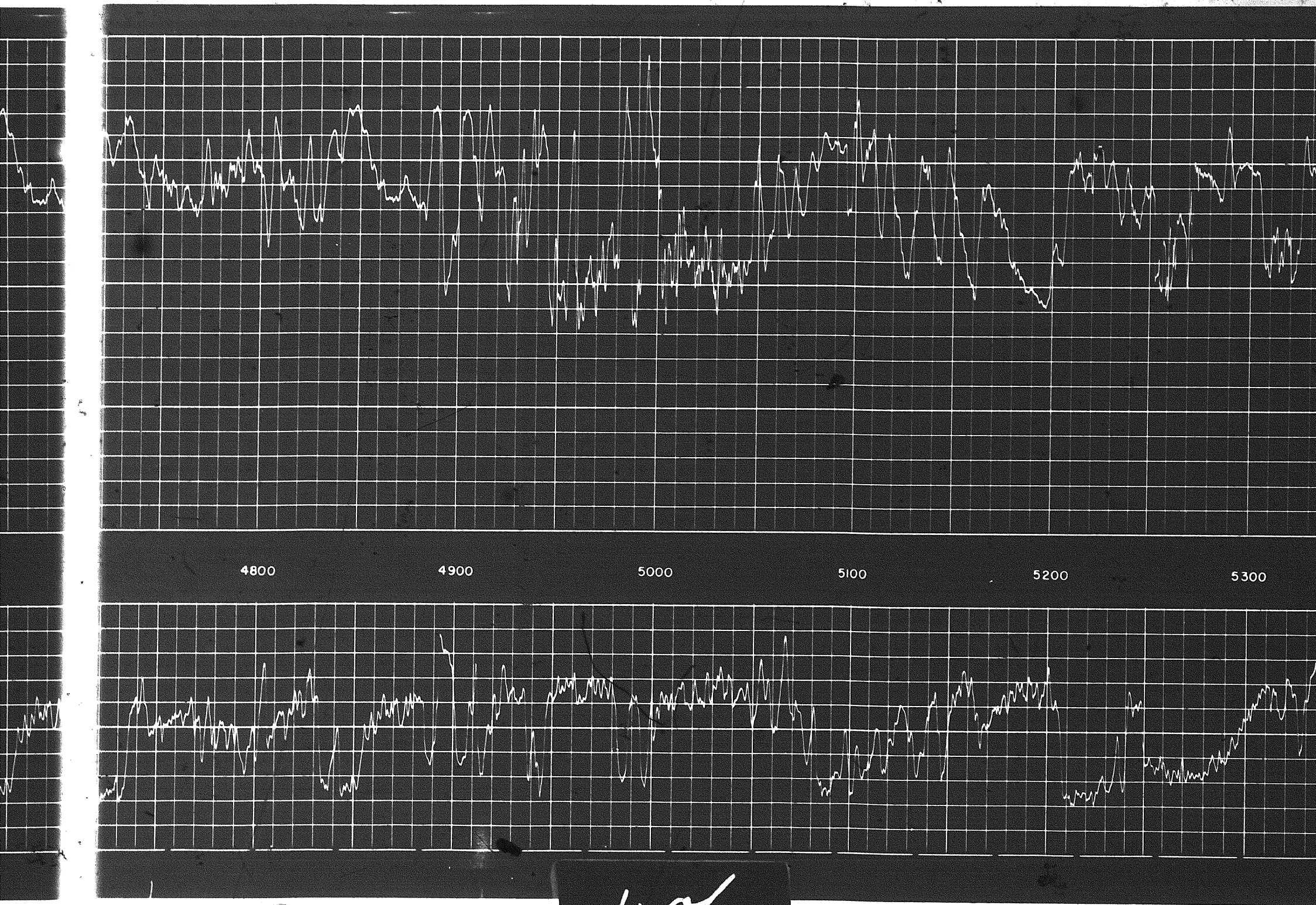

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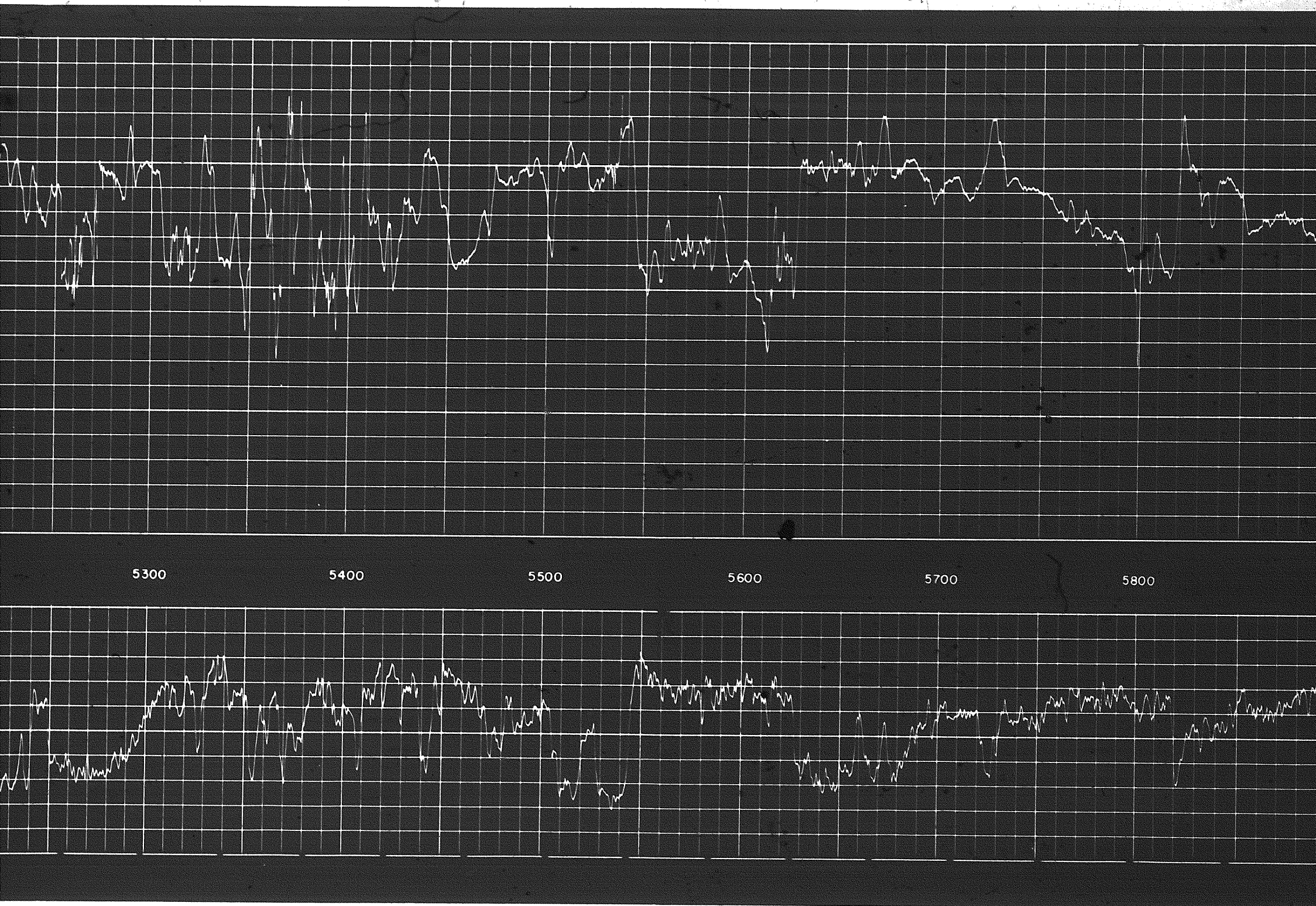
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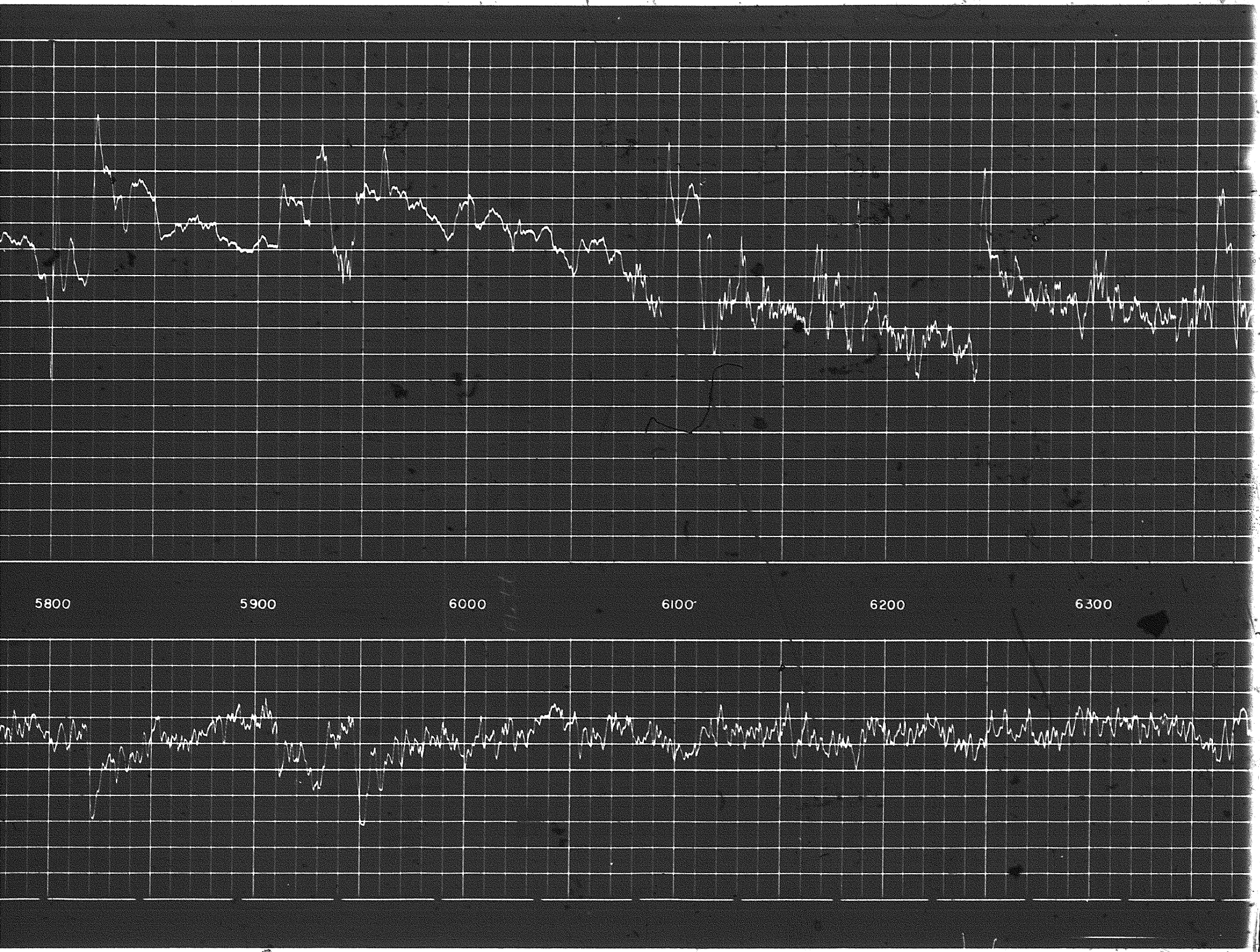
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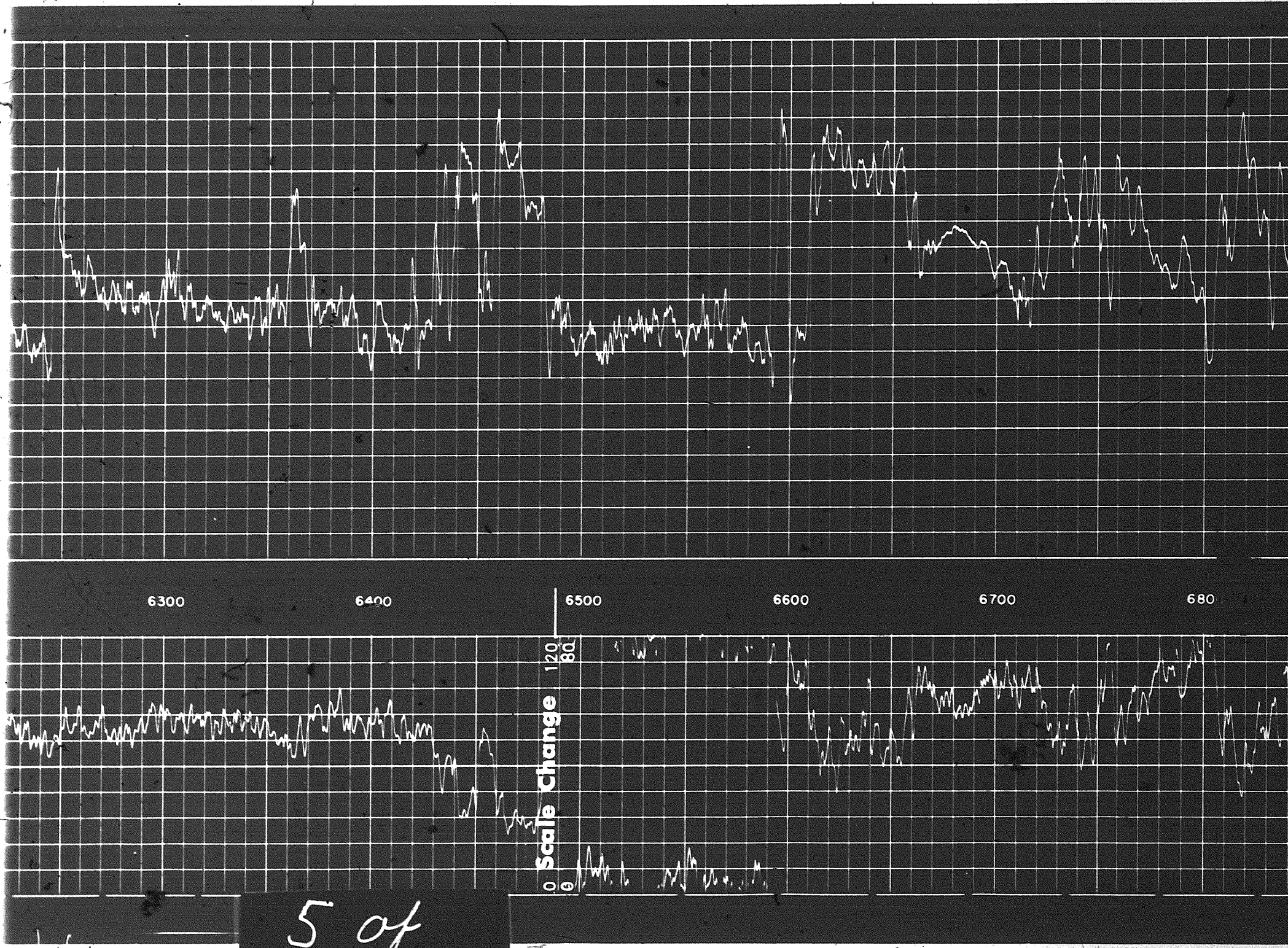
6000
6100
6200
6300



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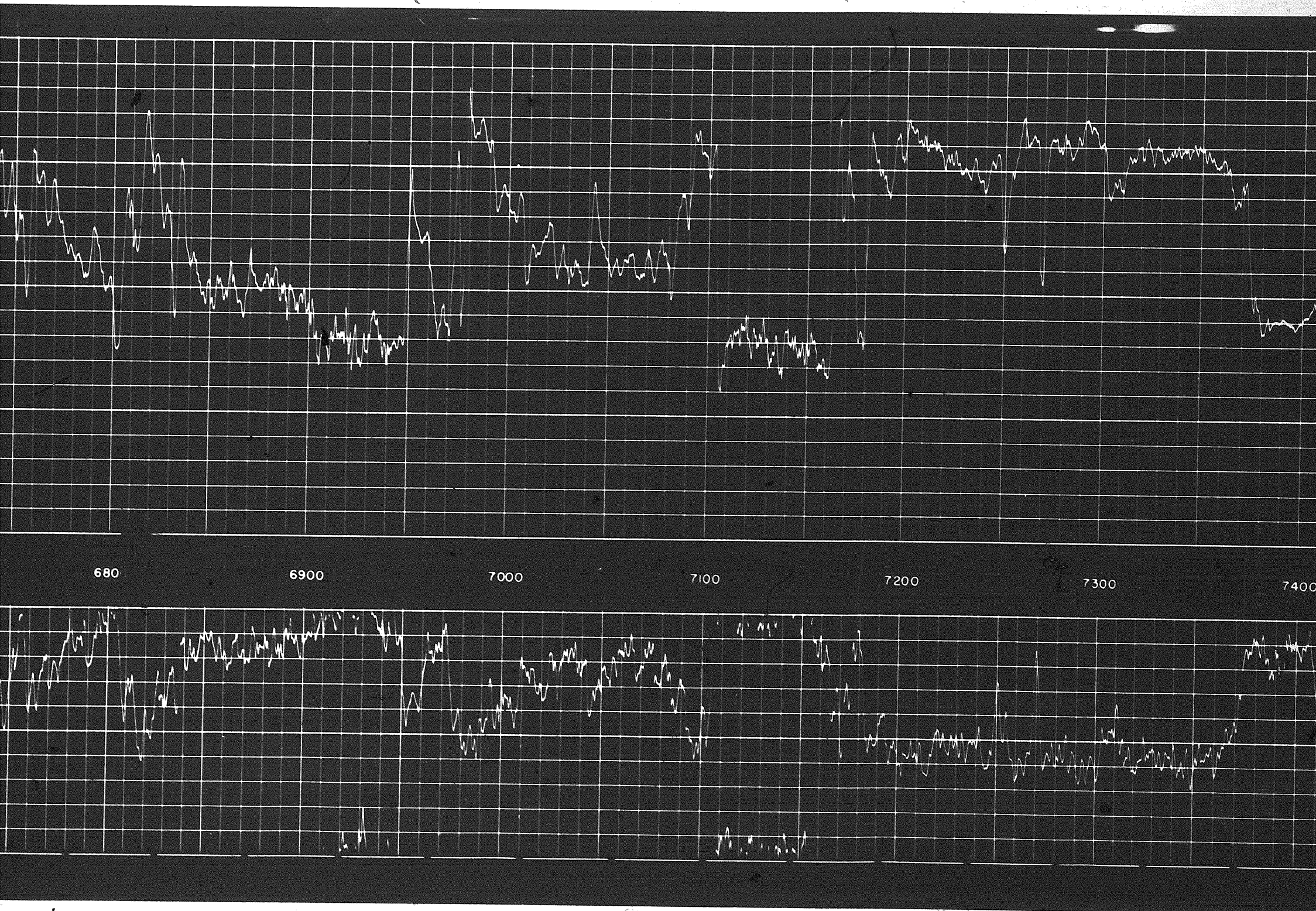
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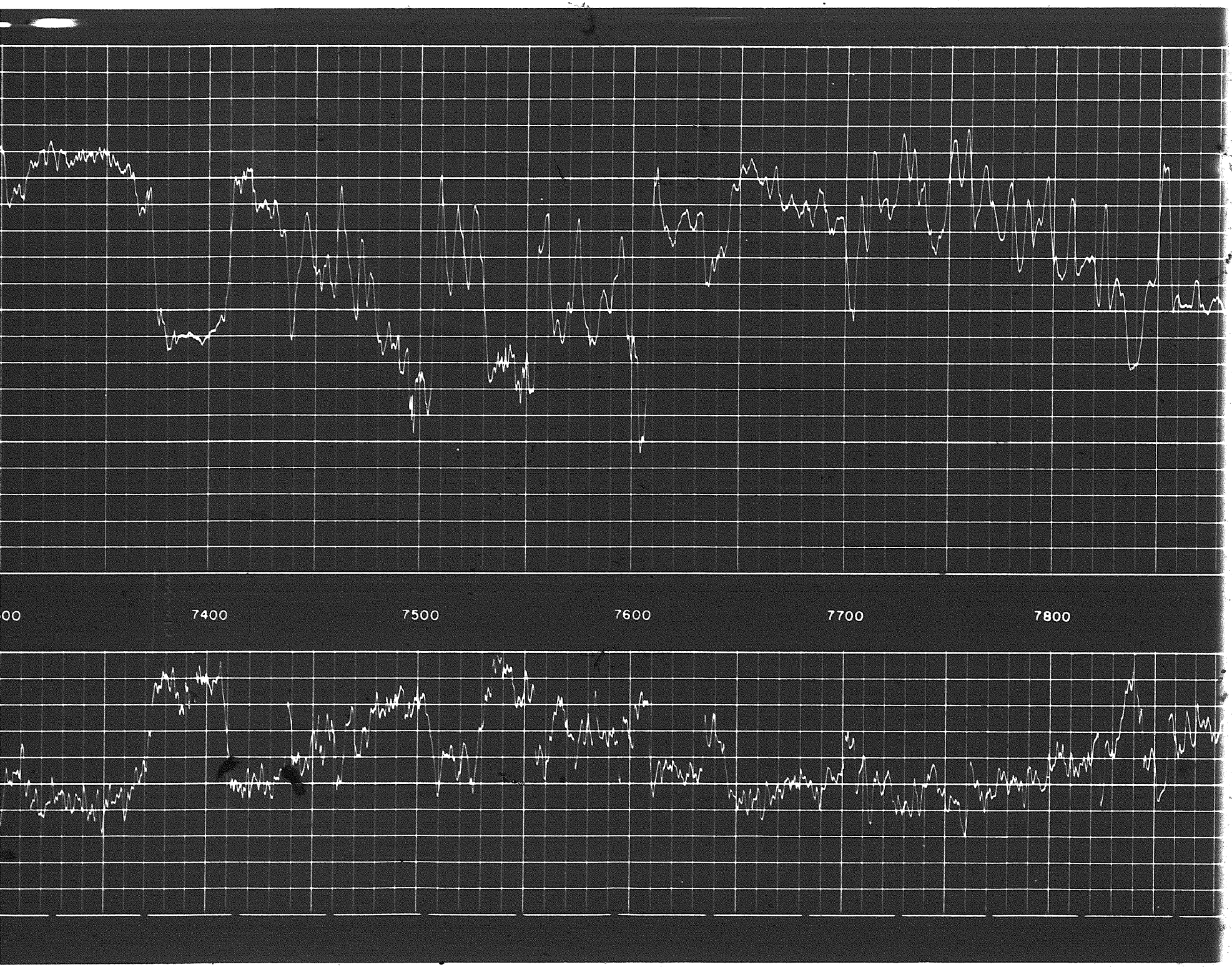
6900
7000
7100
7200
7300
7400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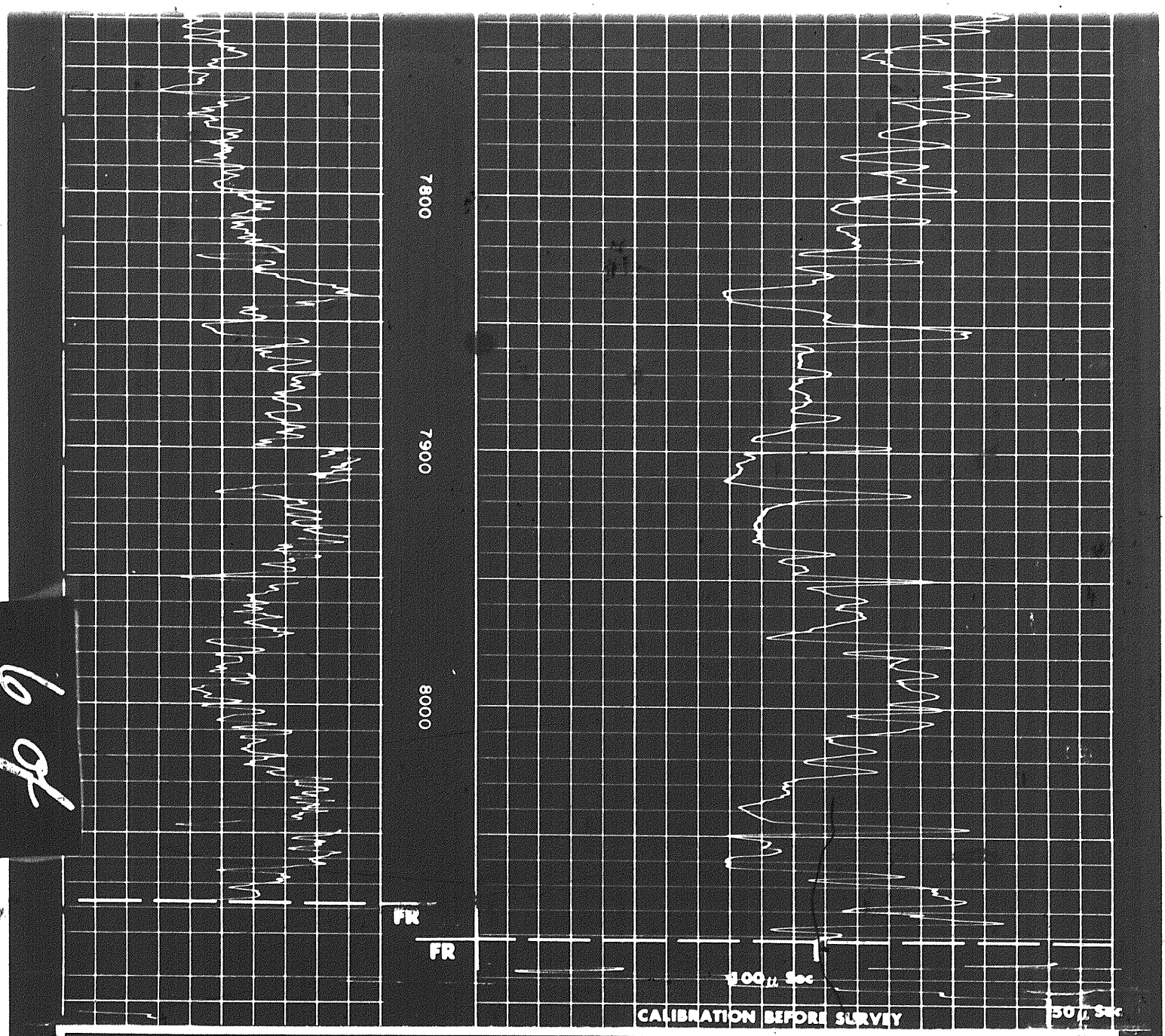


DETAIL LOG

5" = 100'

DEPTHS

GAMMA RAY
API UNITS

Interval 1025 to 6488
Sens 300 T C 1
Logging Speed 40 ft. min.
← ZERO 0 div. to left

0 120
120 240

Interval 6488 to 8089
Sens 200 T C 1
Logging Speed 40 ft./min.

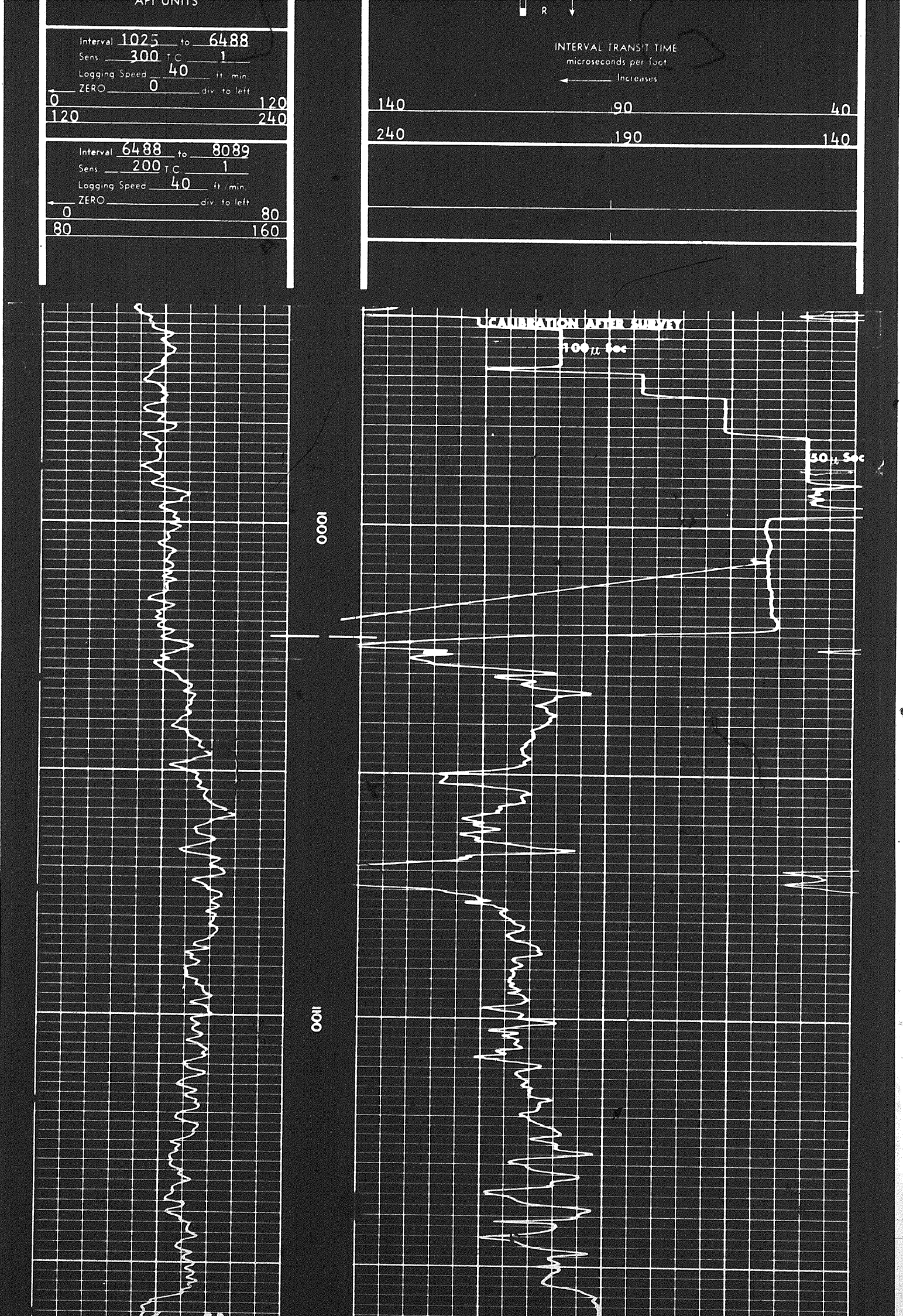
SONIC

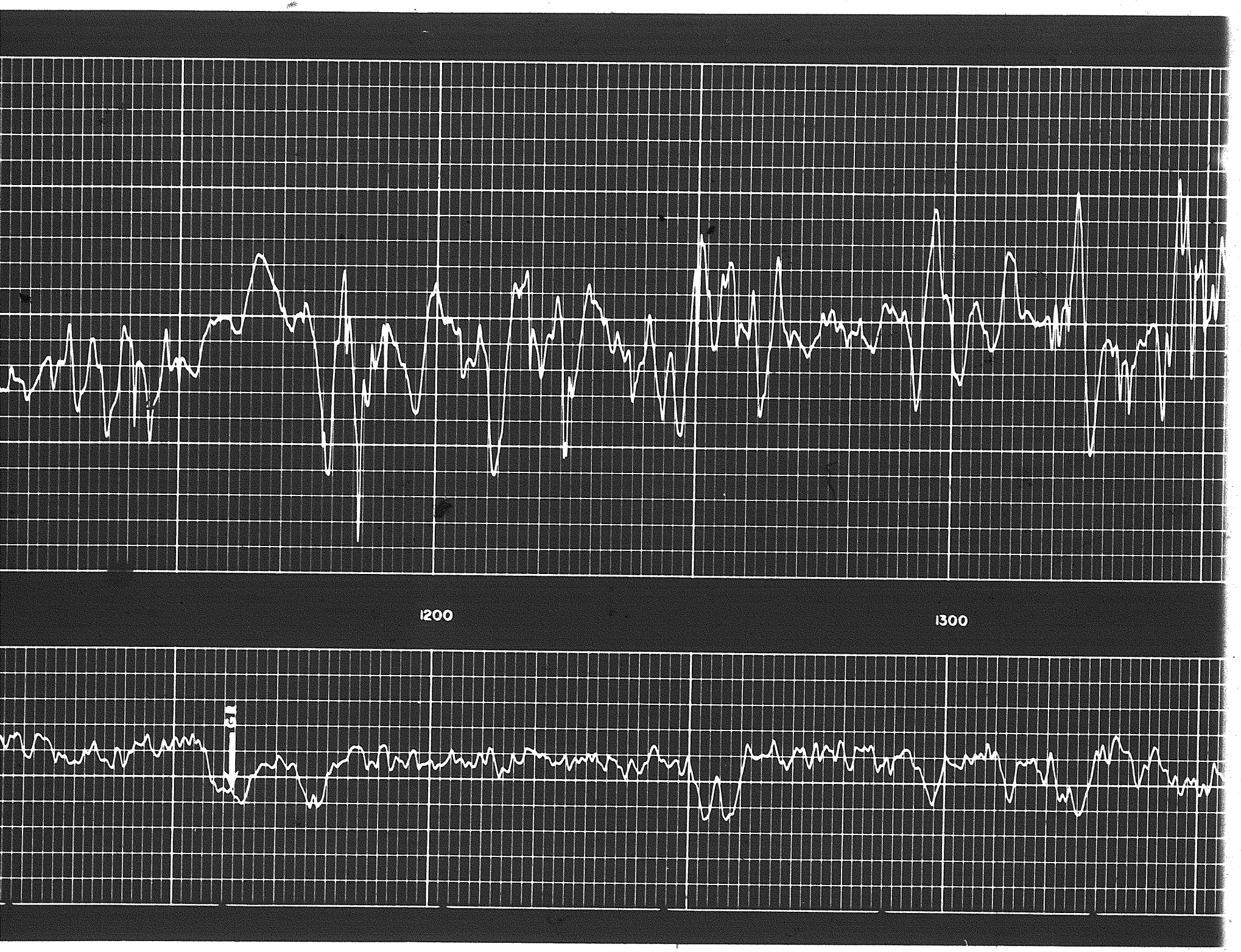
T
R
R

Spacing 3'
Pickup Span 2'

INTERVAL TRANSIT TIME
microseconds per foot
← Increases

140 90 40
240 190 140


API UNITS
Interval 1025 to 6488
Sens. 300 T C 1
Logging Speed 40 ft. min.
ZERO 0 div. to left
0 120
120 240
Interval 6488 to 8089
Sens. 200 T C 1
Logging Speed 40 ft./min.
ZERO div. to left
0 80
80 160
R
INTERVAL TRANSIT TIME
microseconds per foot
Increases
140 90 40
240 190 140
CALIBRATION AFTER SURVEY
100 μ Sec
50 μ Sec
0001
0011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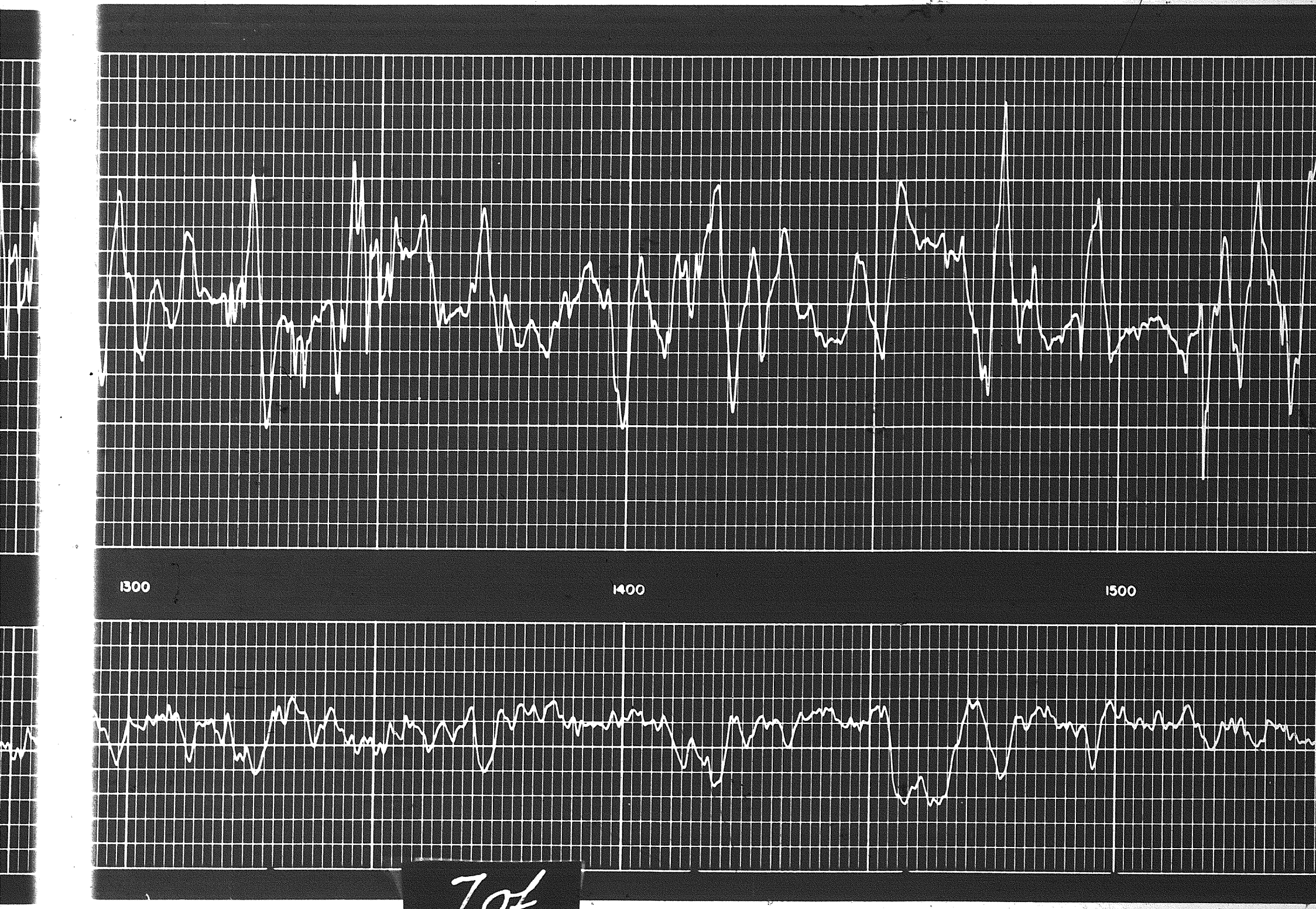
1300
1300



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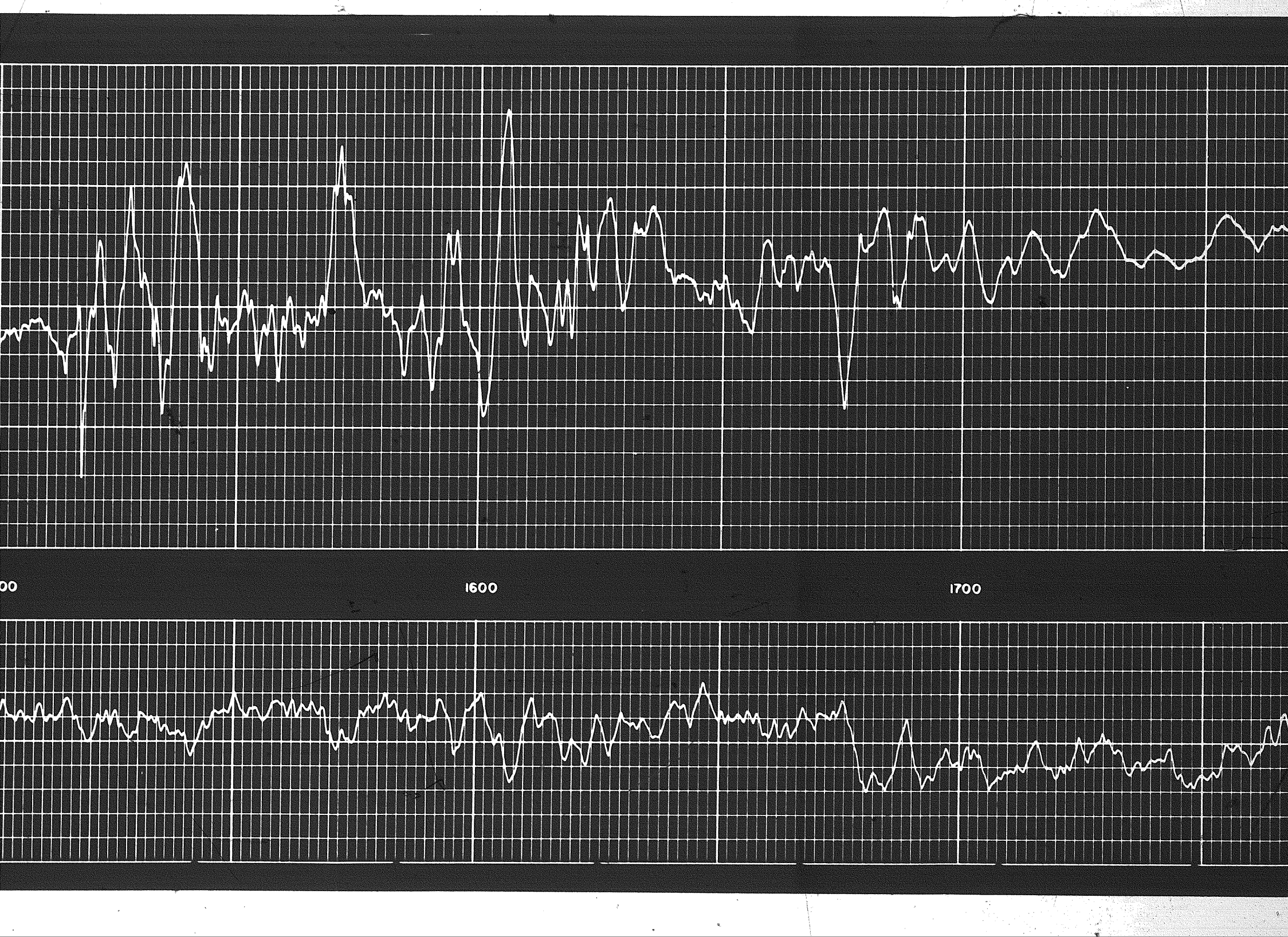
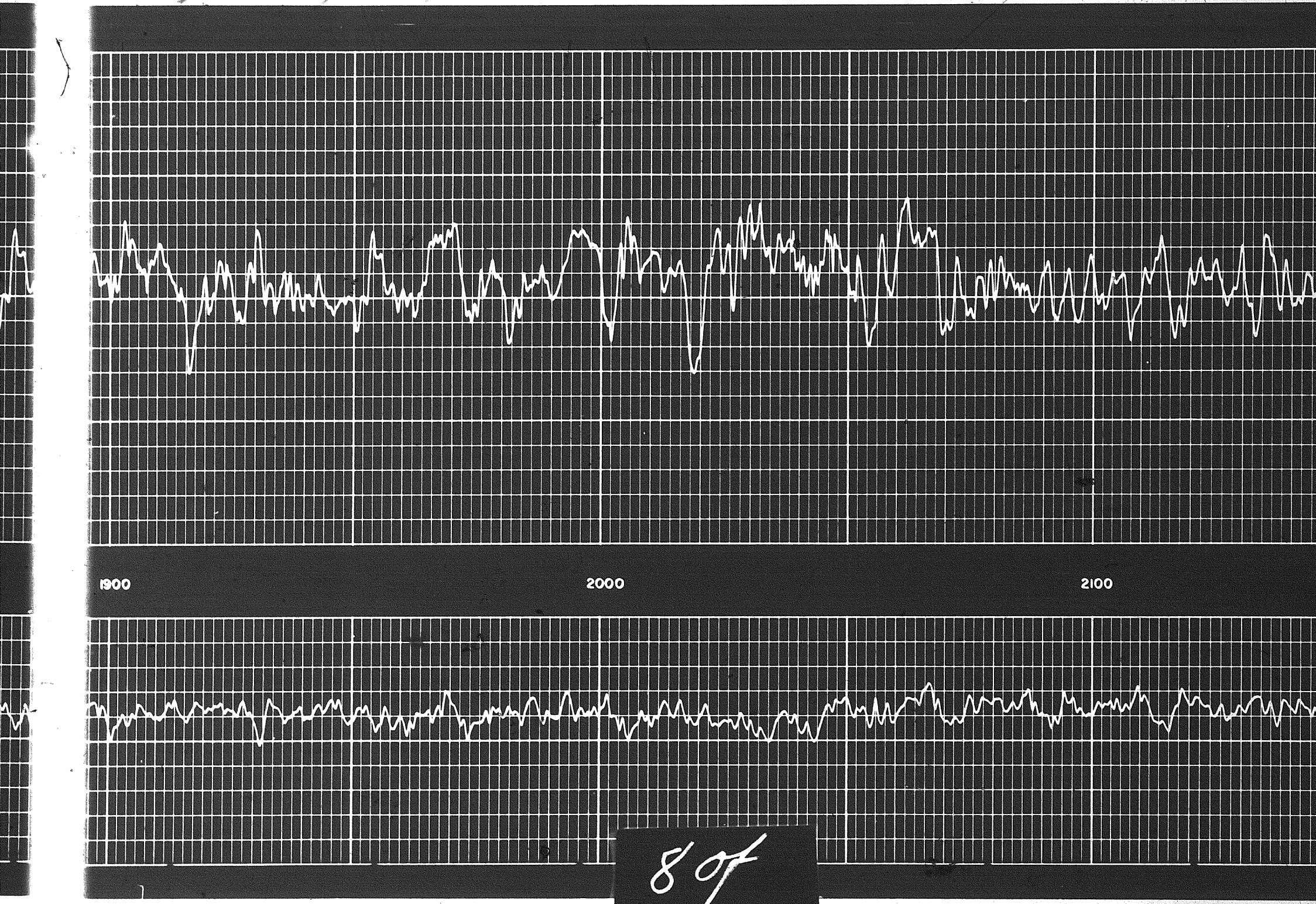

00
1600
1700

1800

1900

1900



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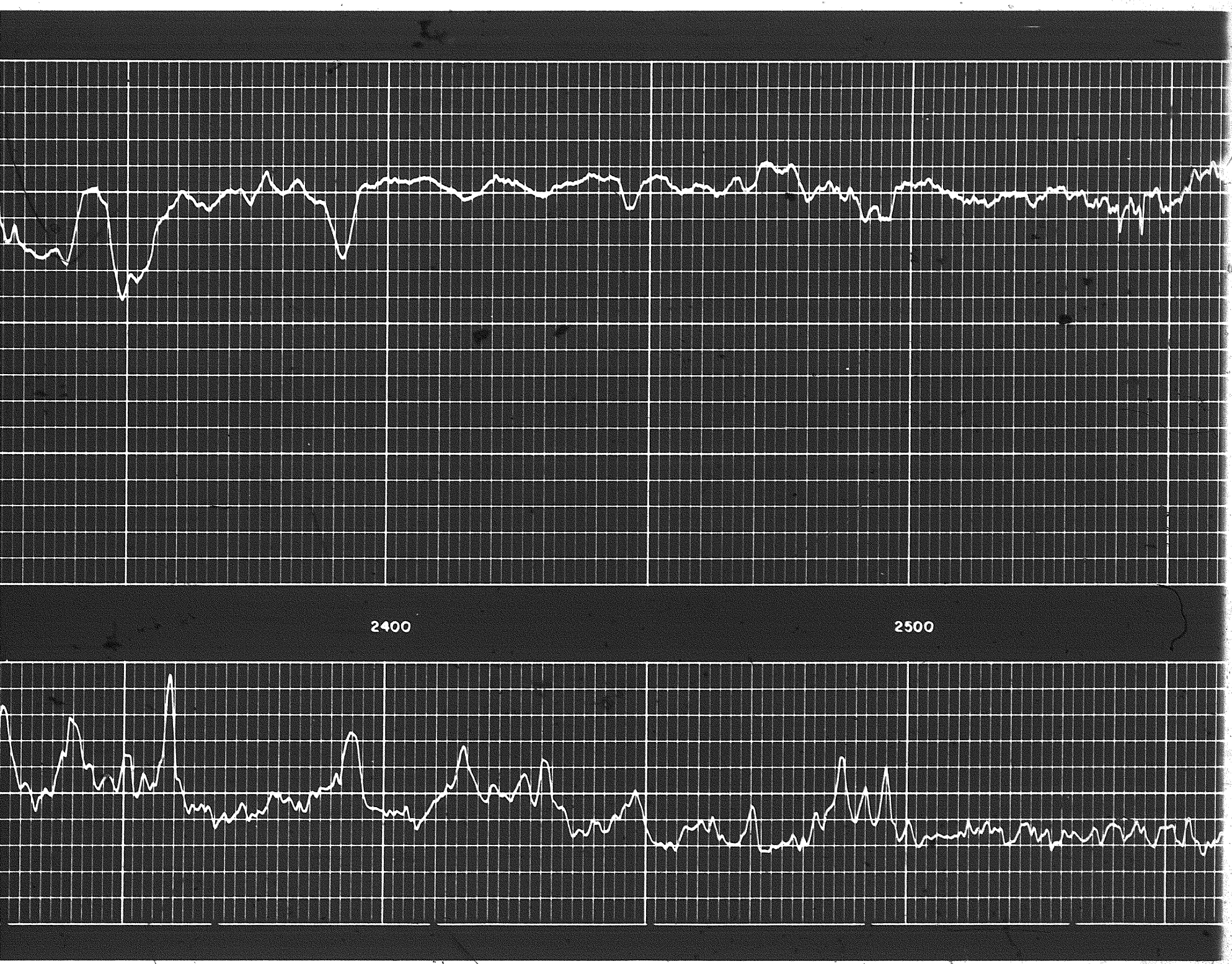
2200

2300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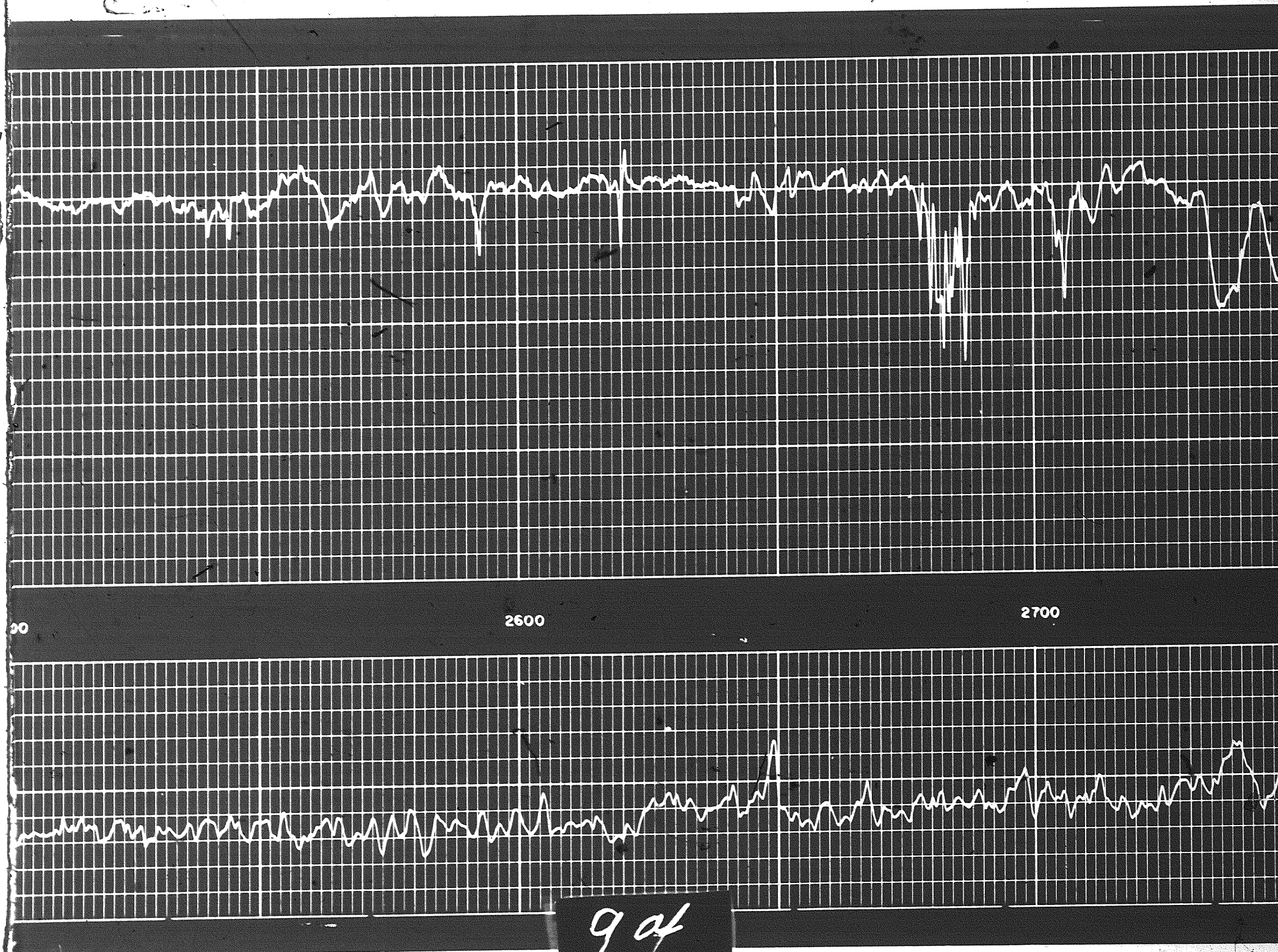

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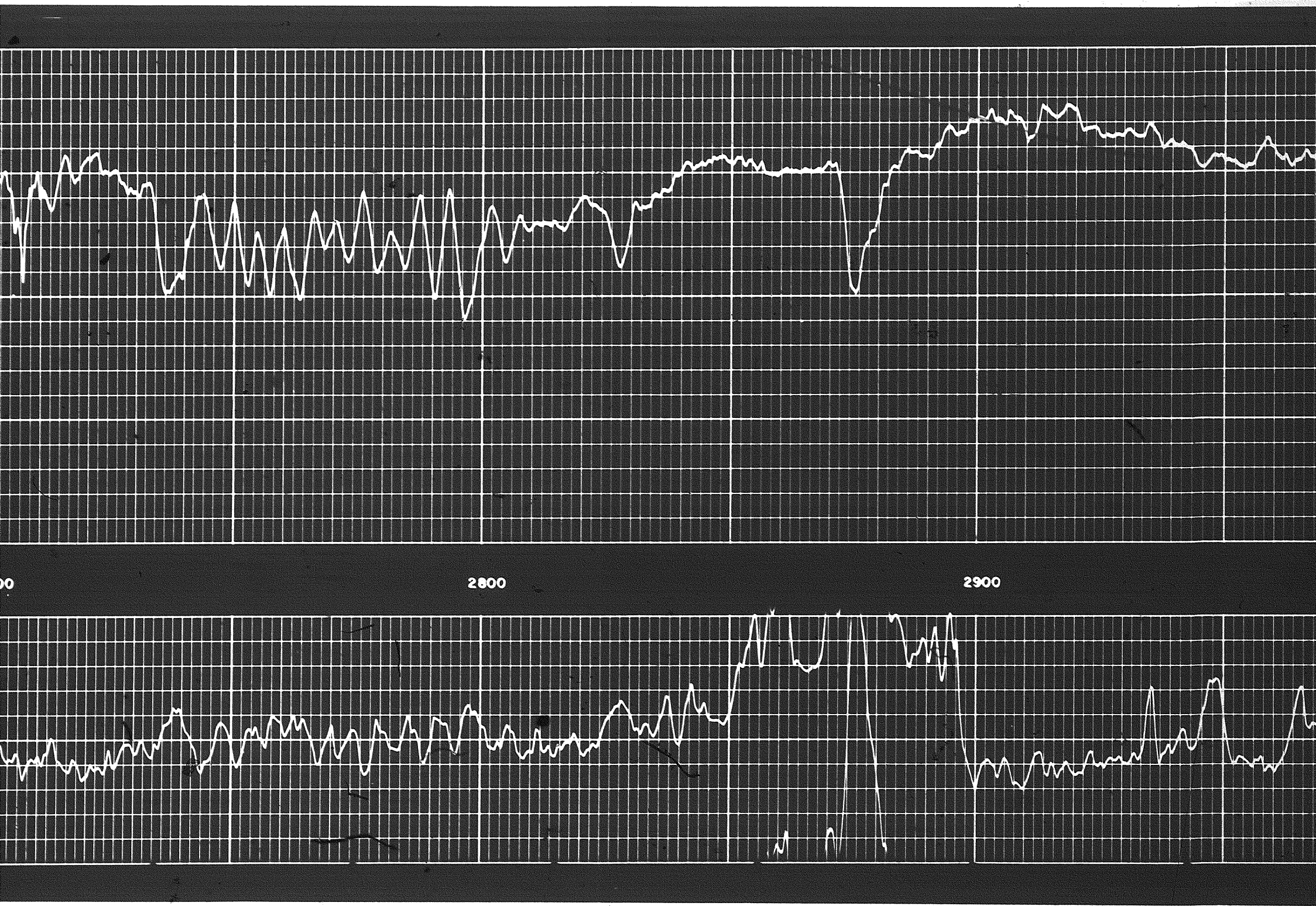
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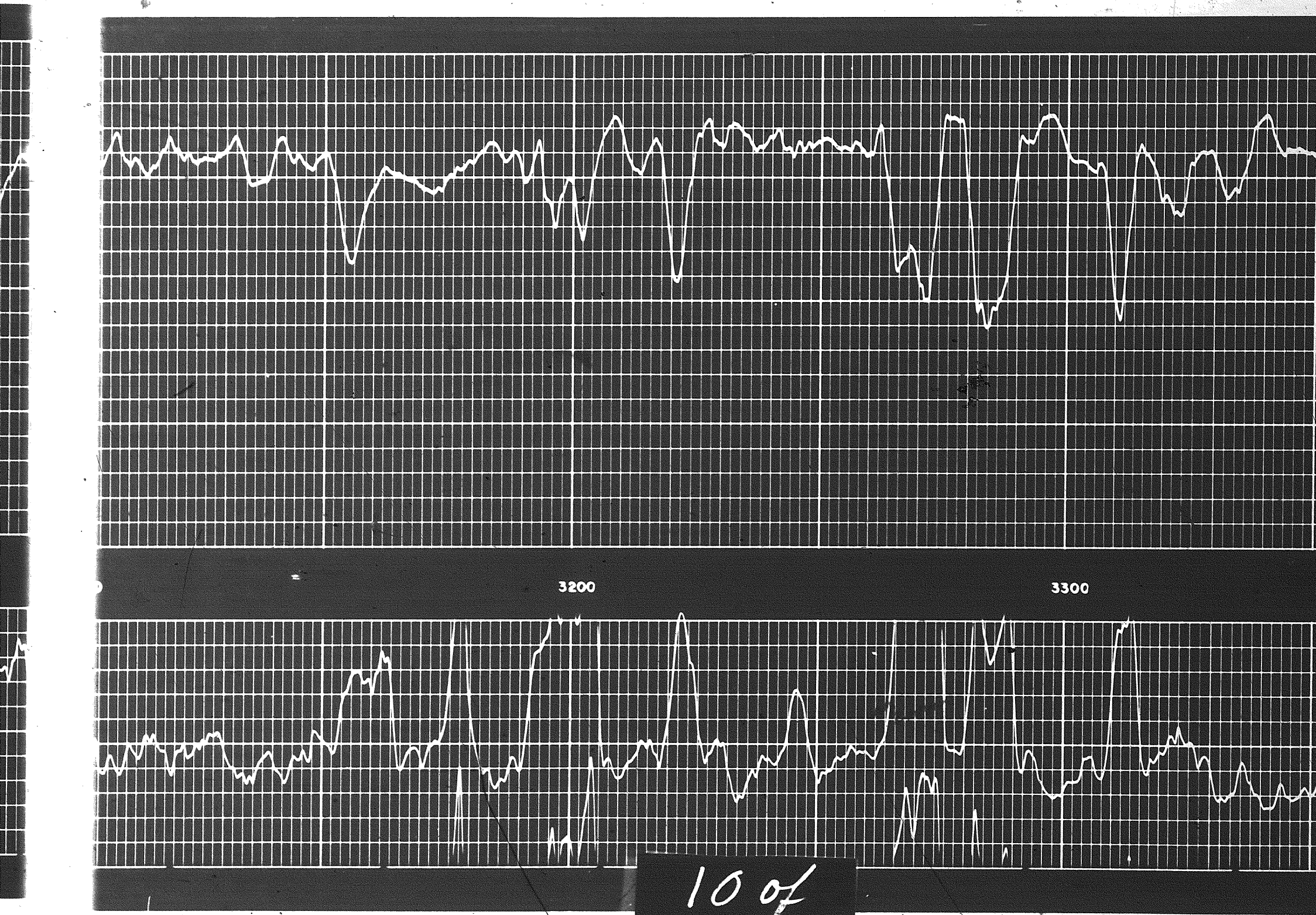
2800
2900

3100

3000



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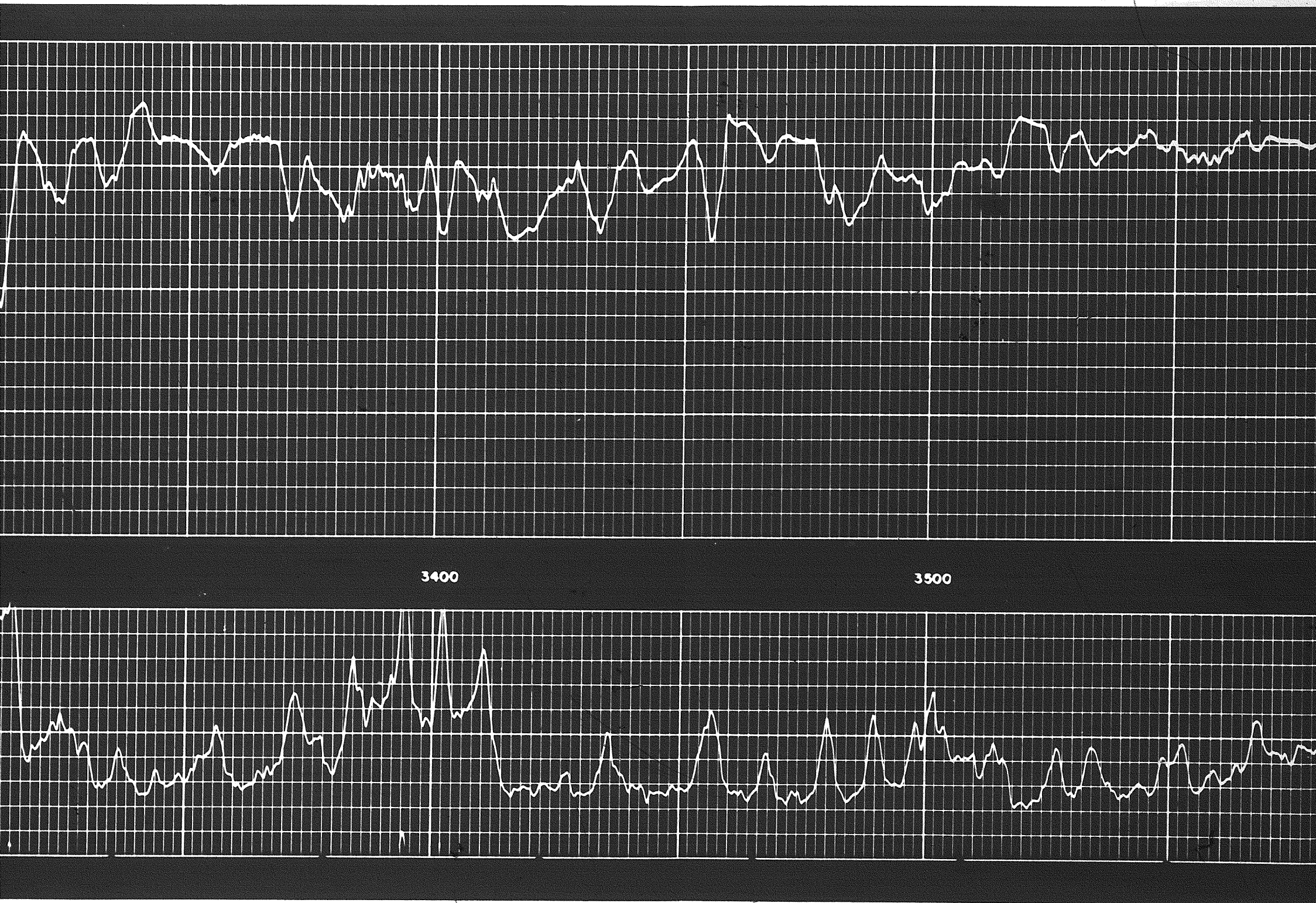
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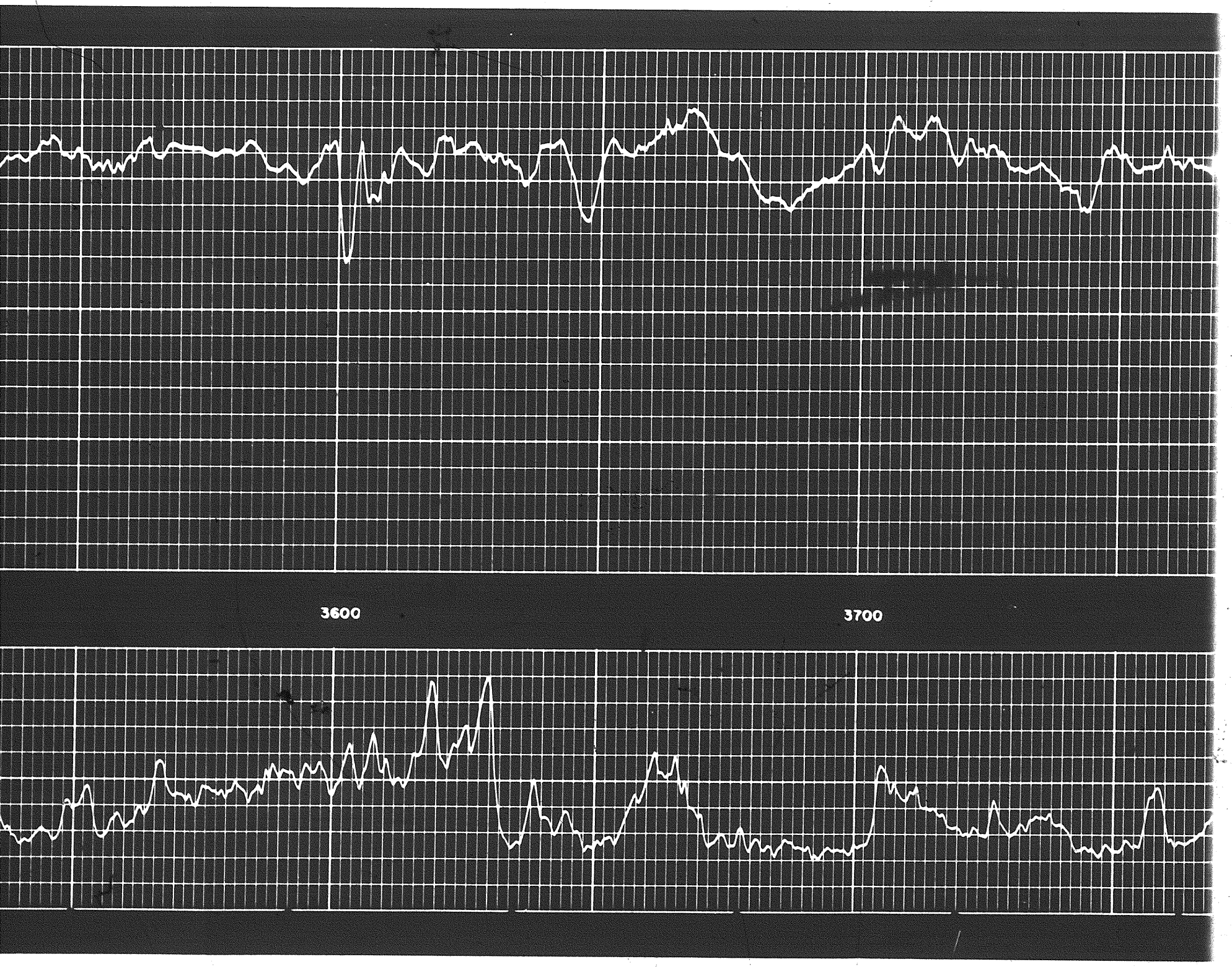
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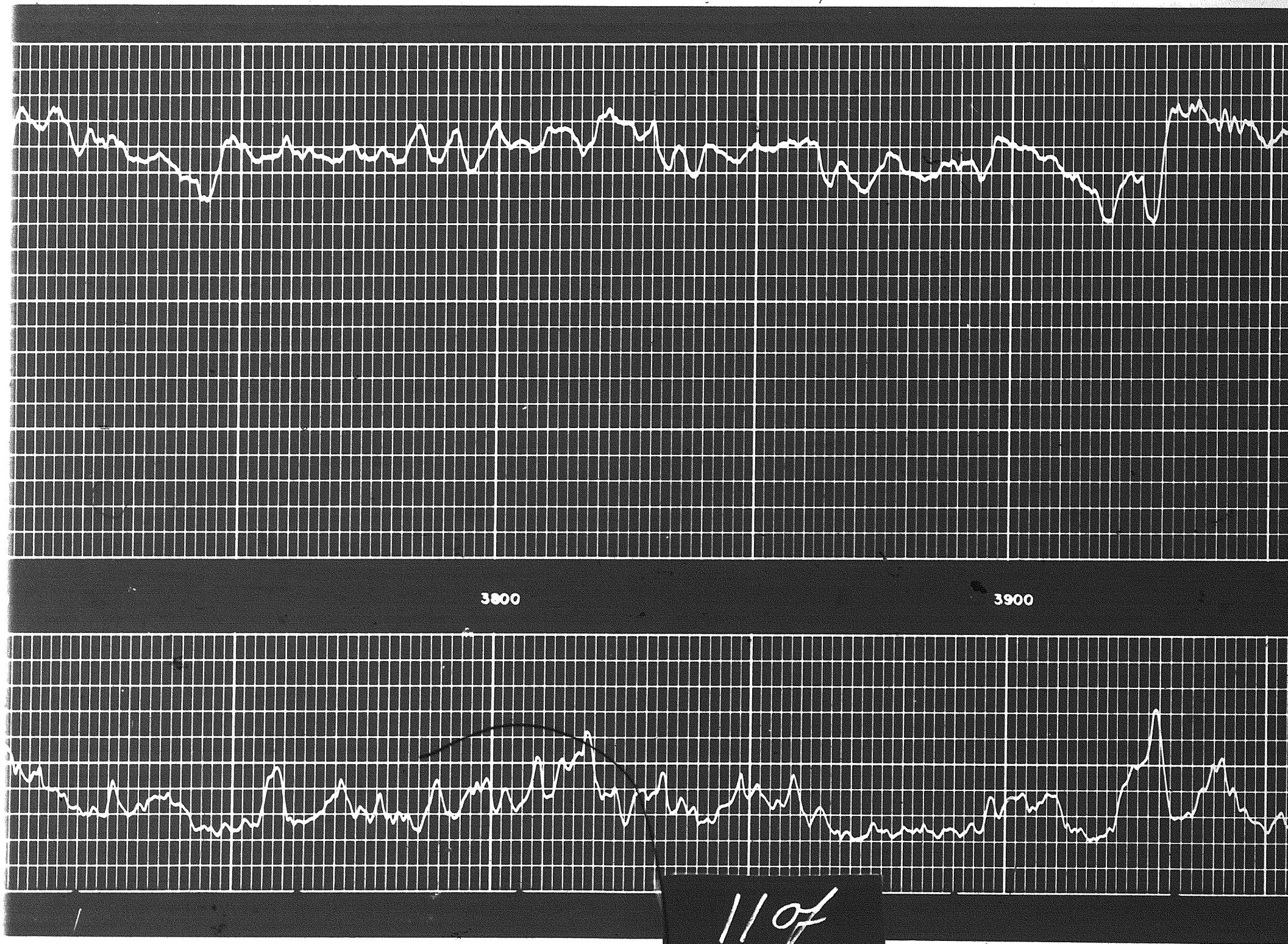

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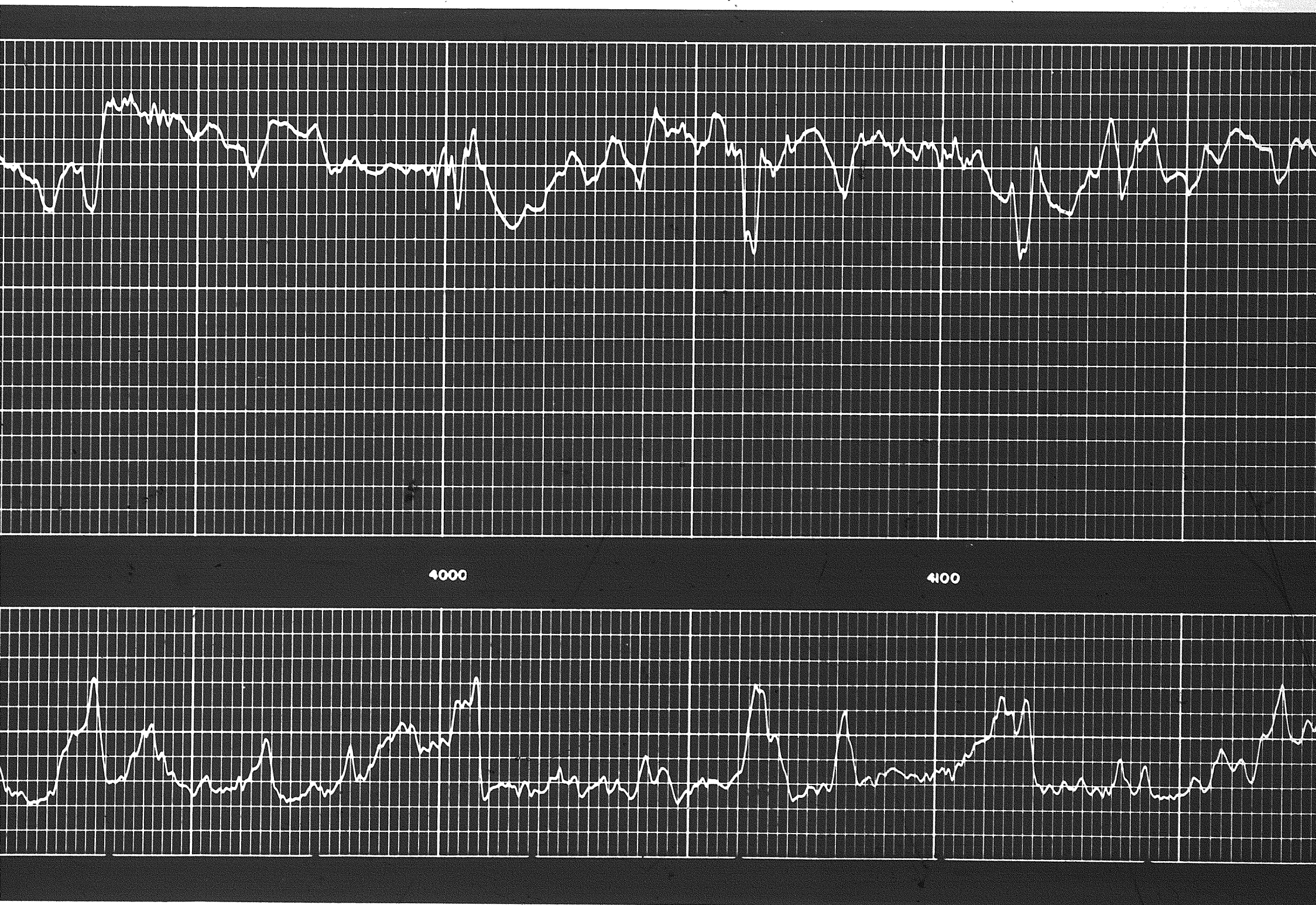
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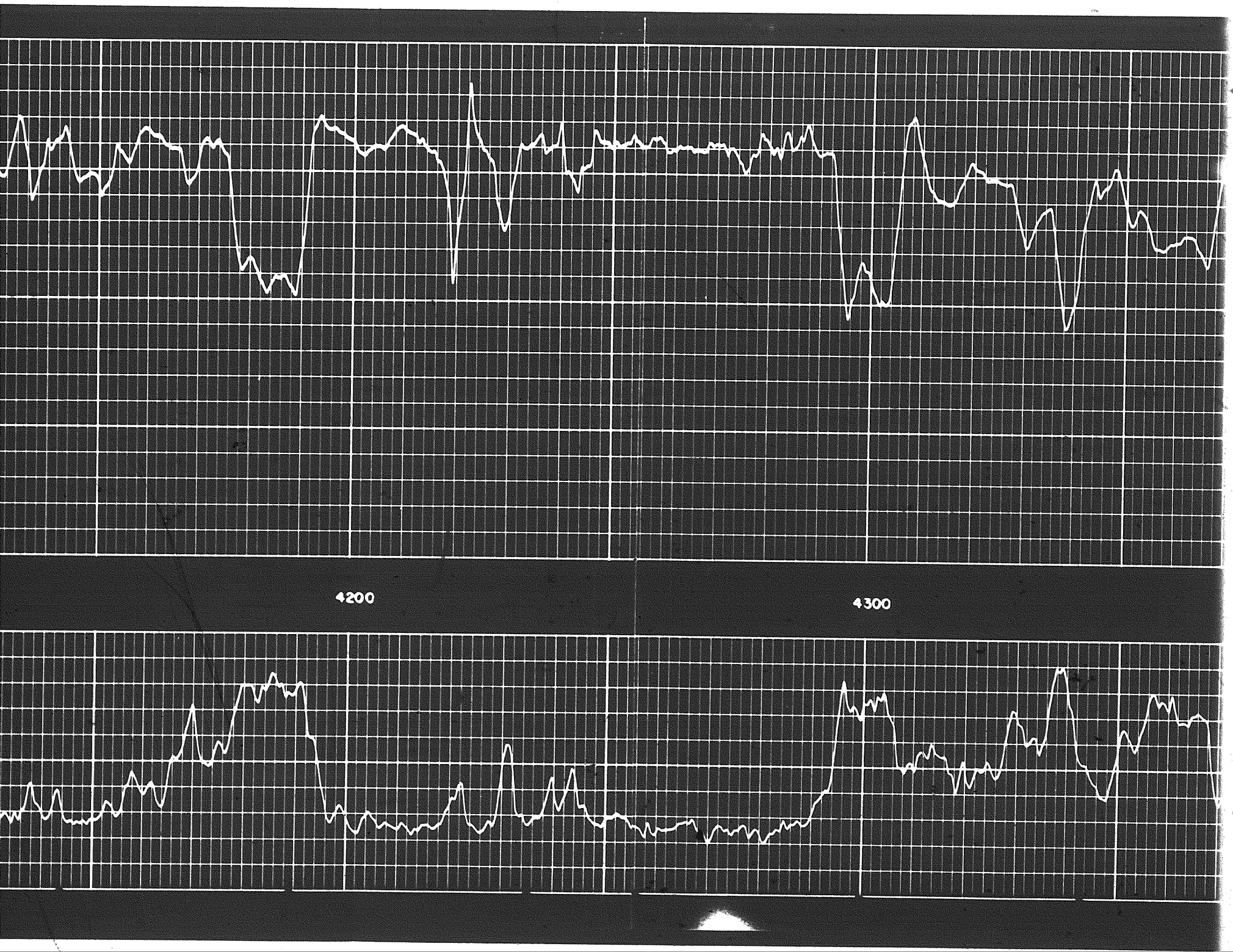
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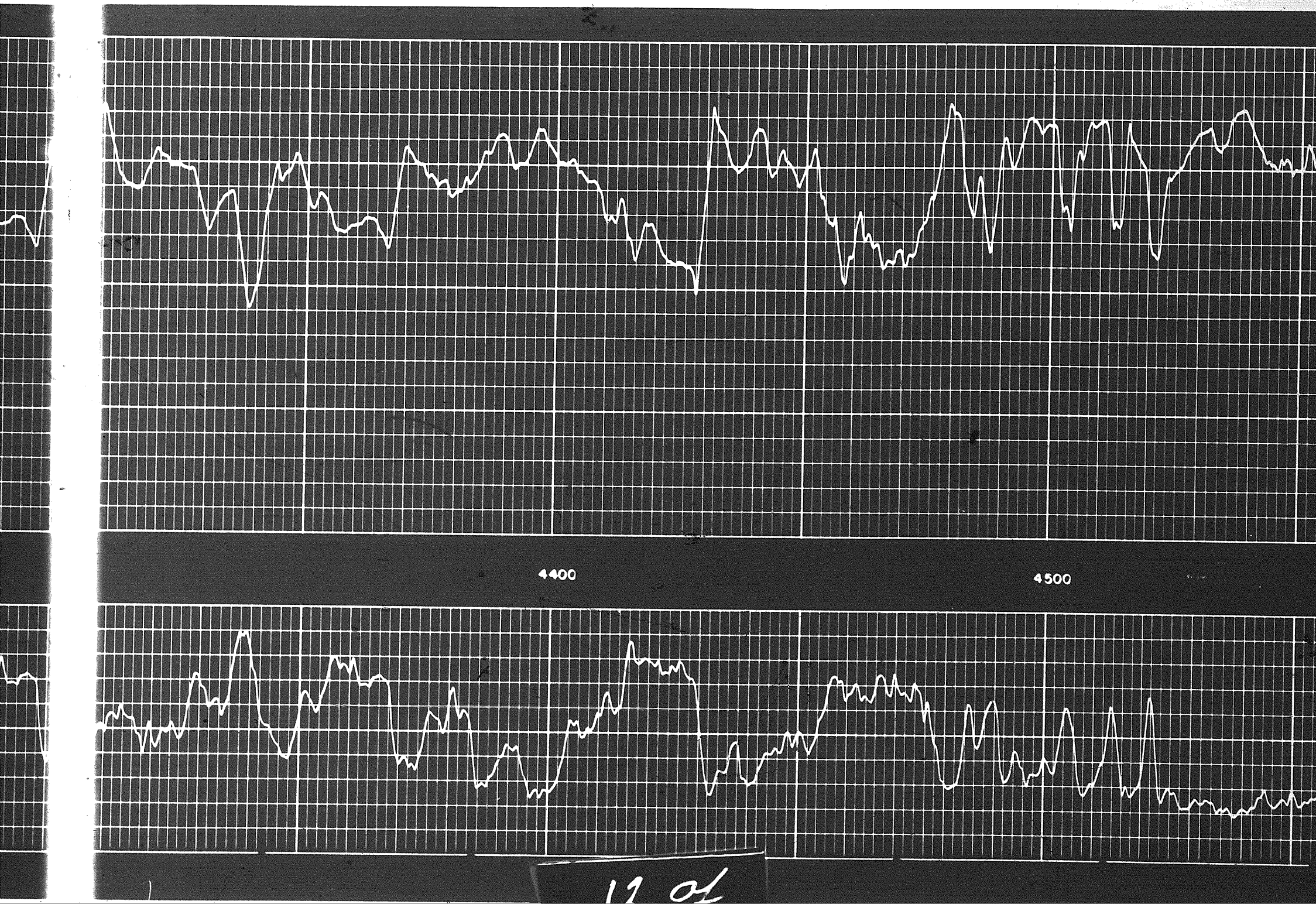
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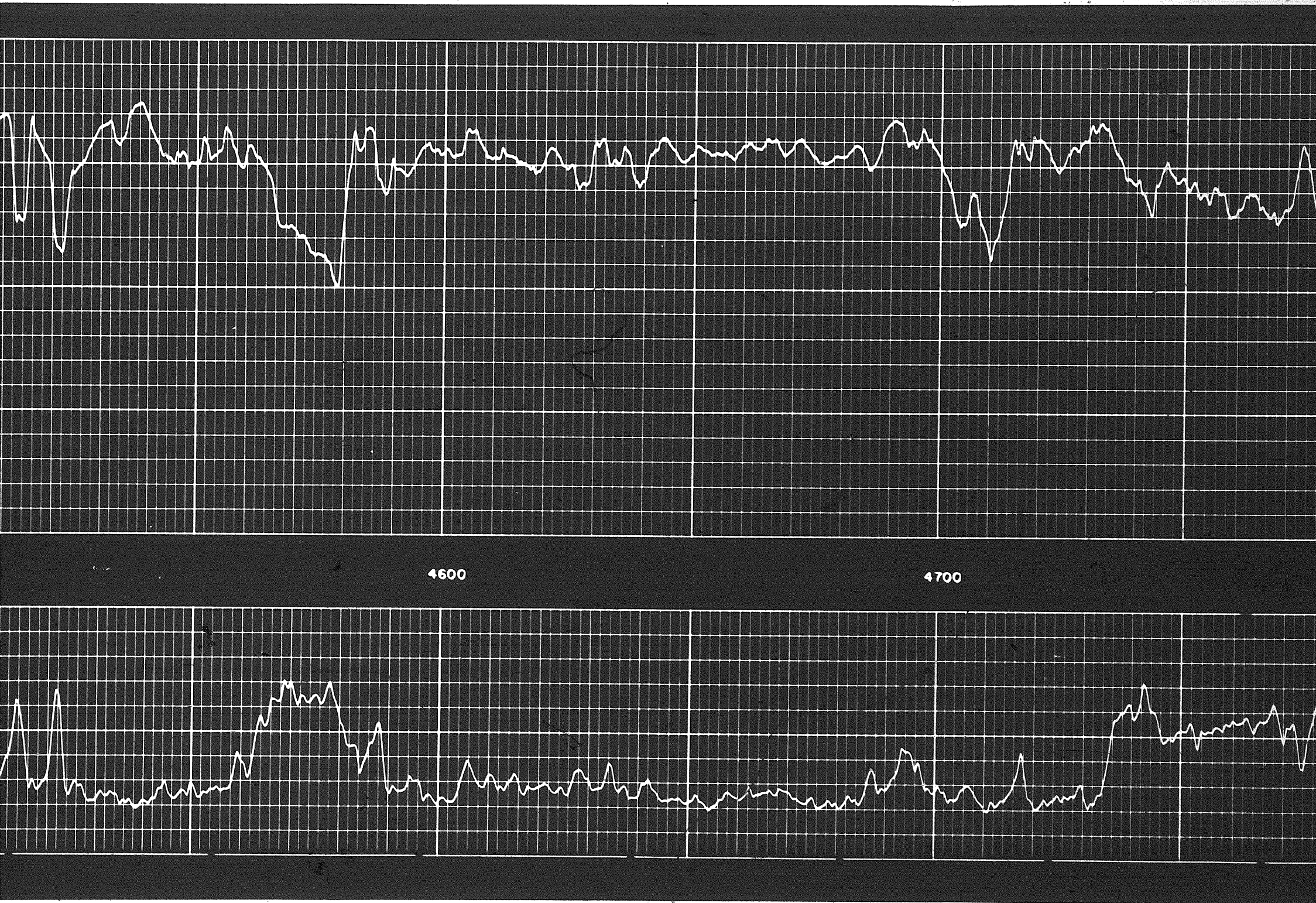
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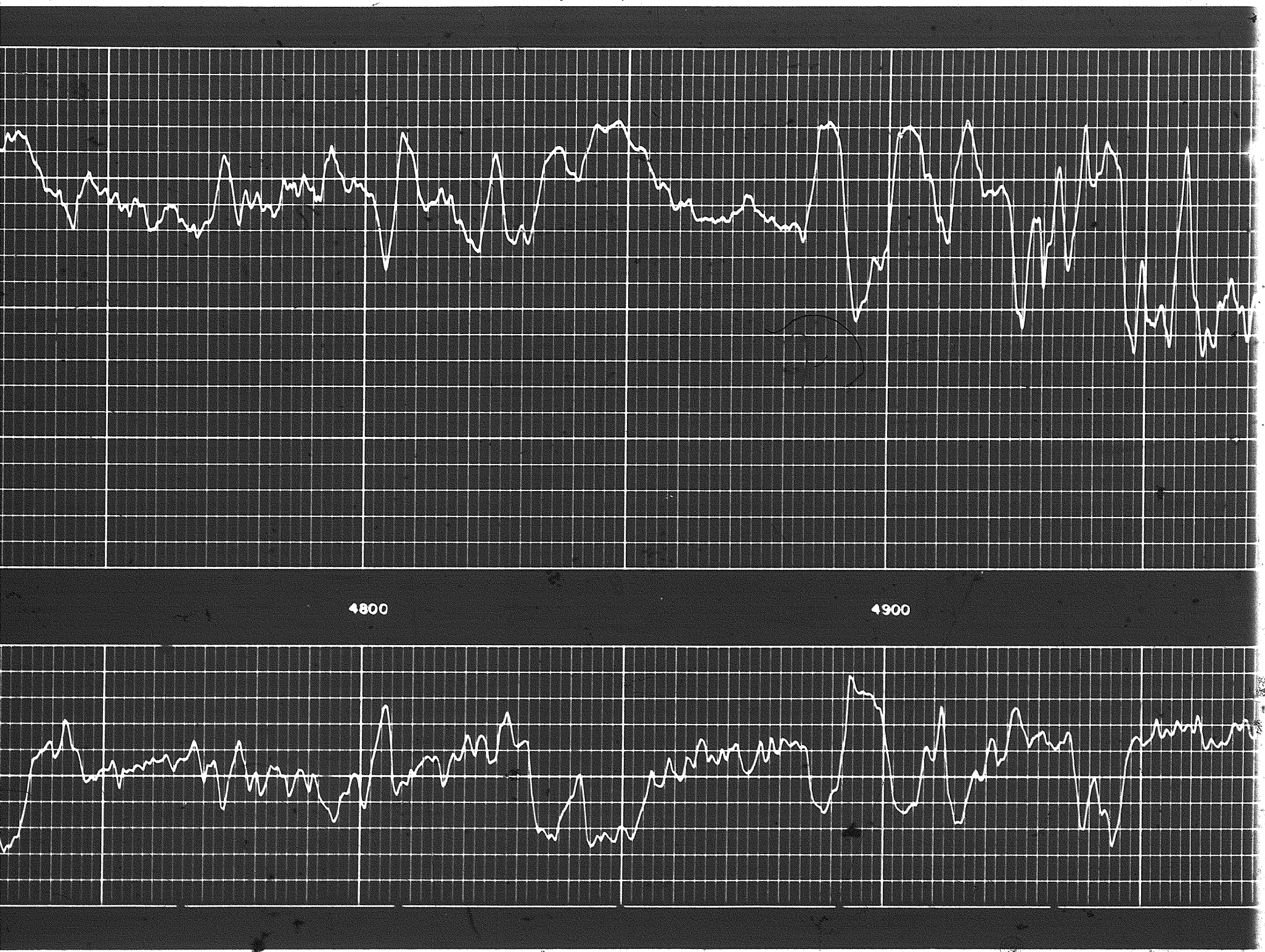
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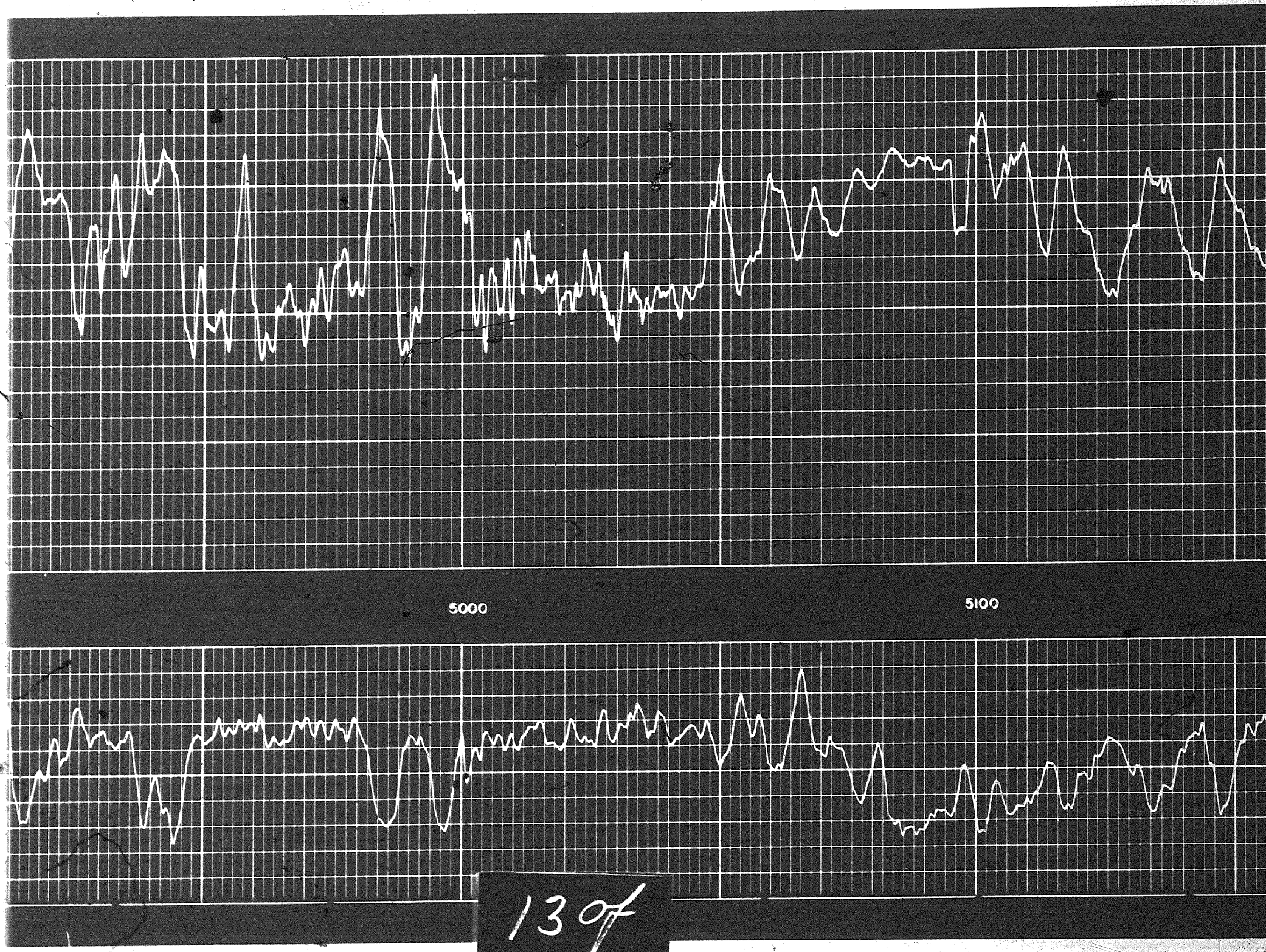

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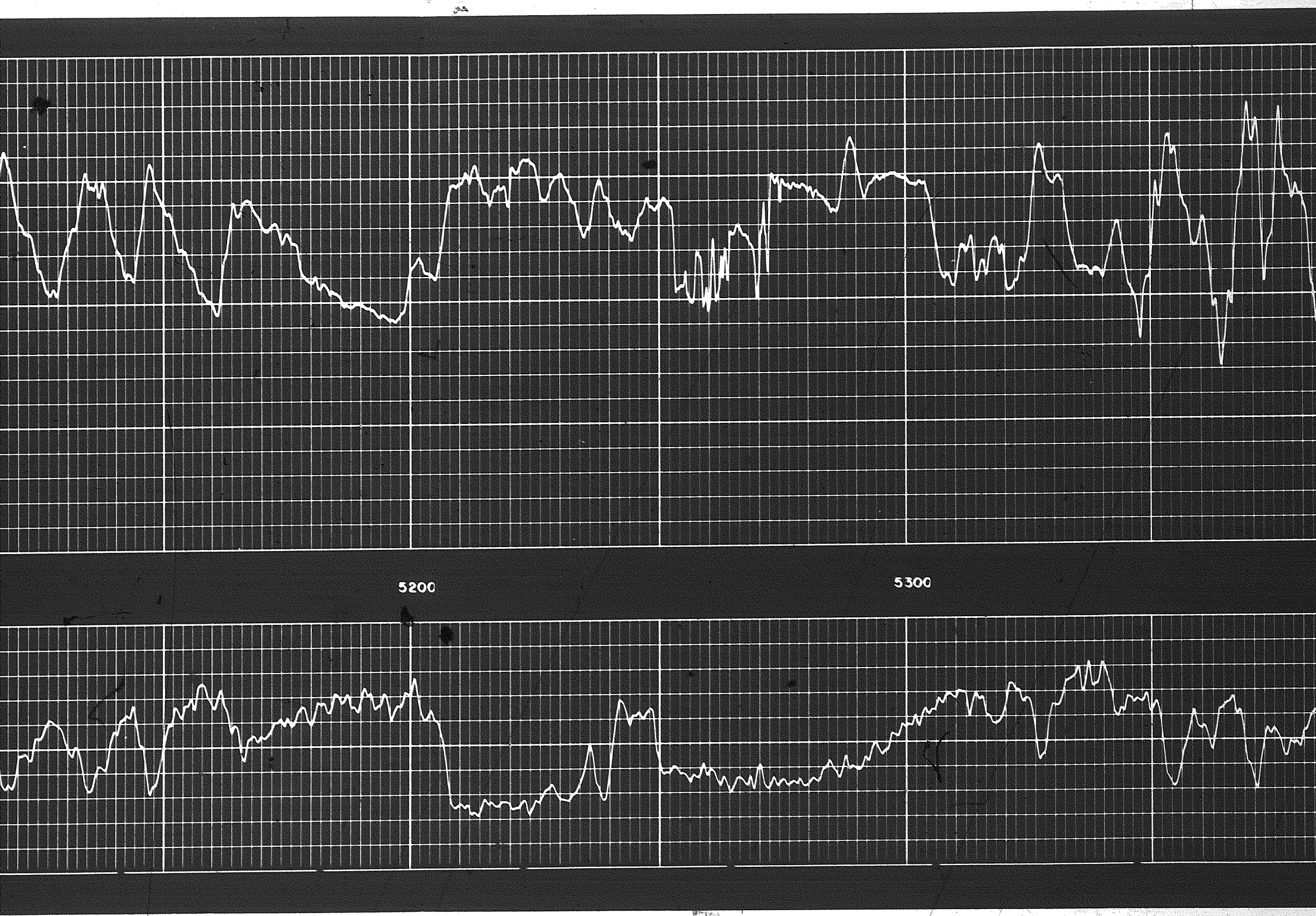
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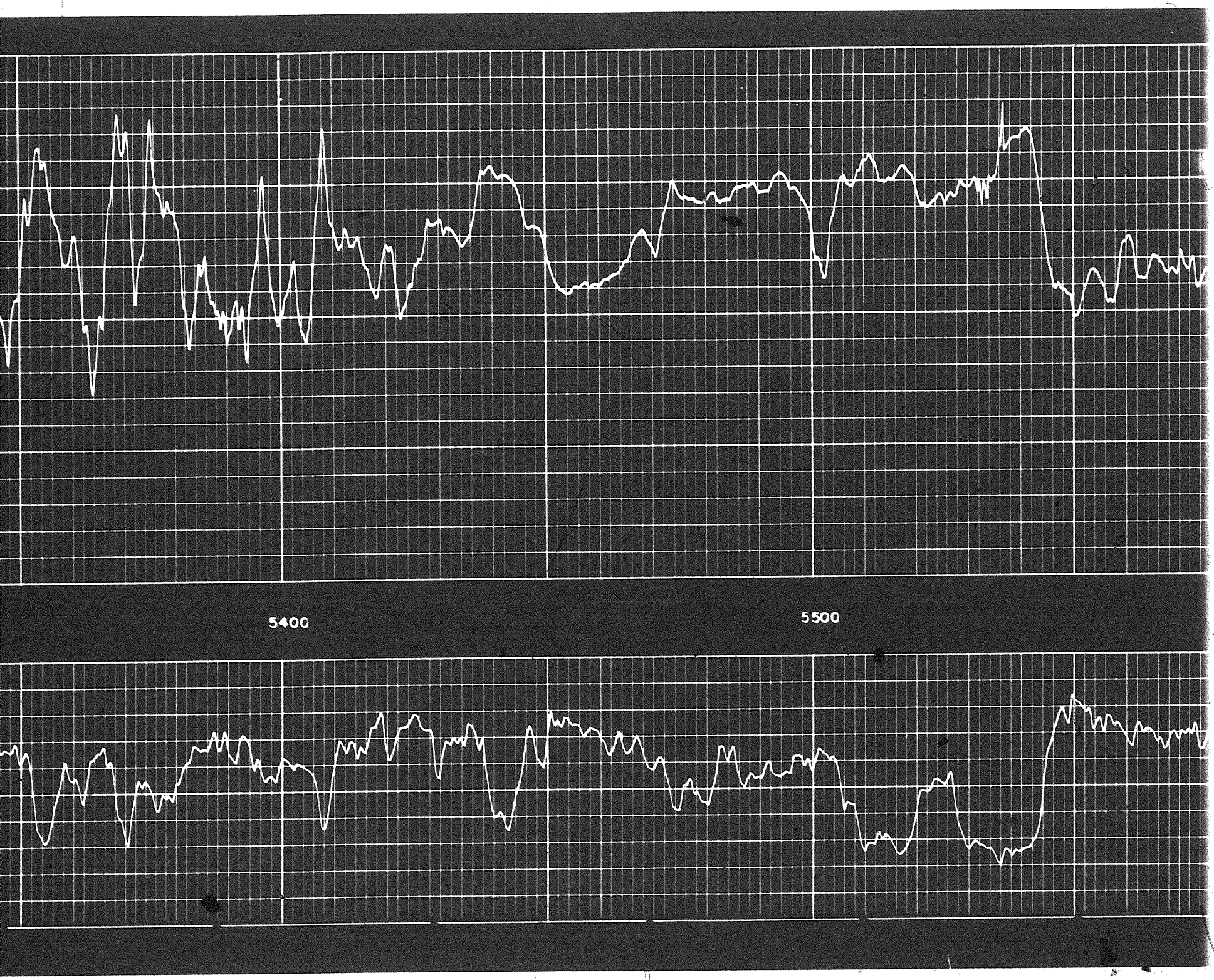
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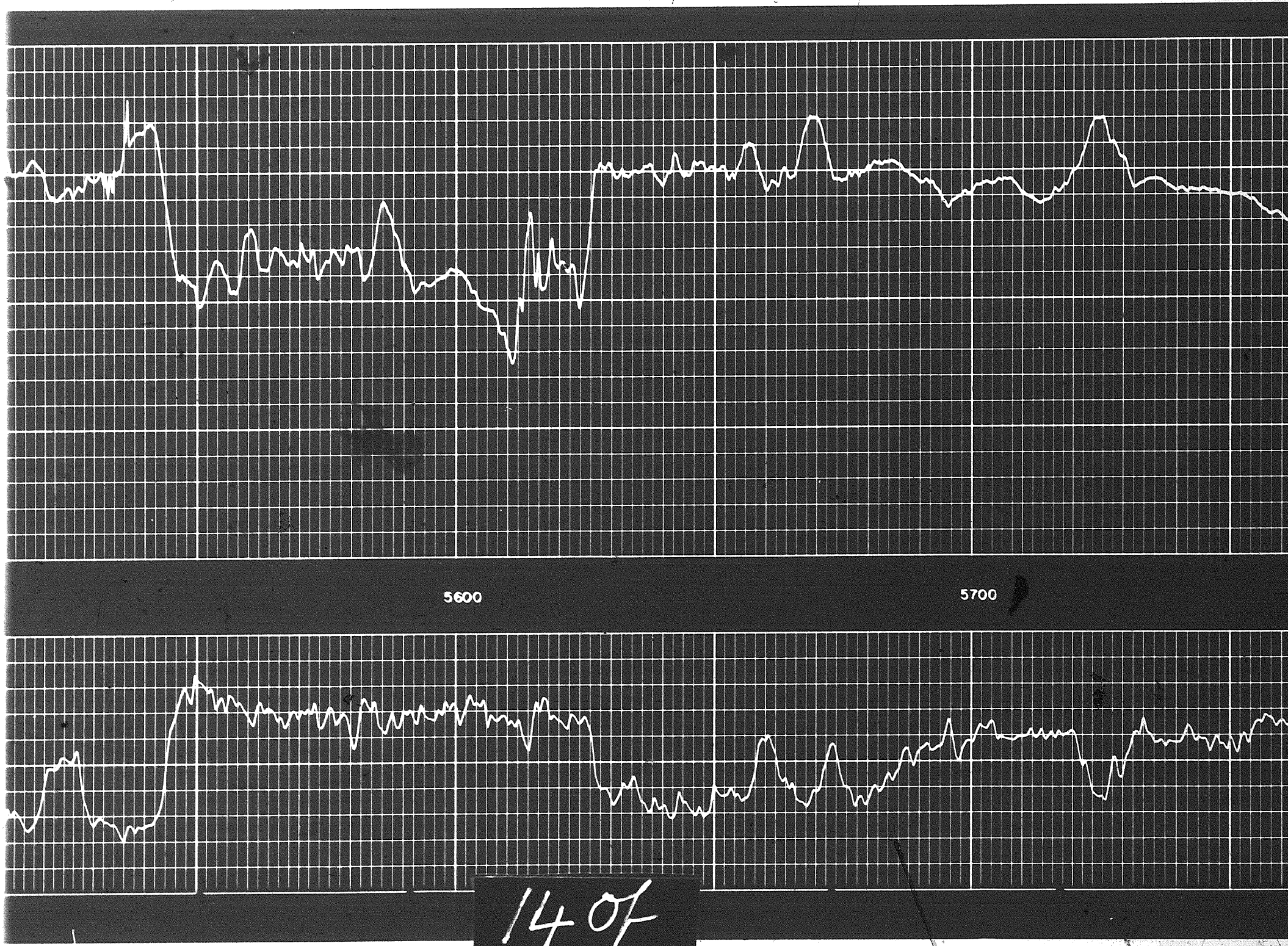

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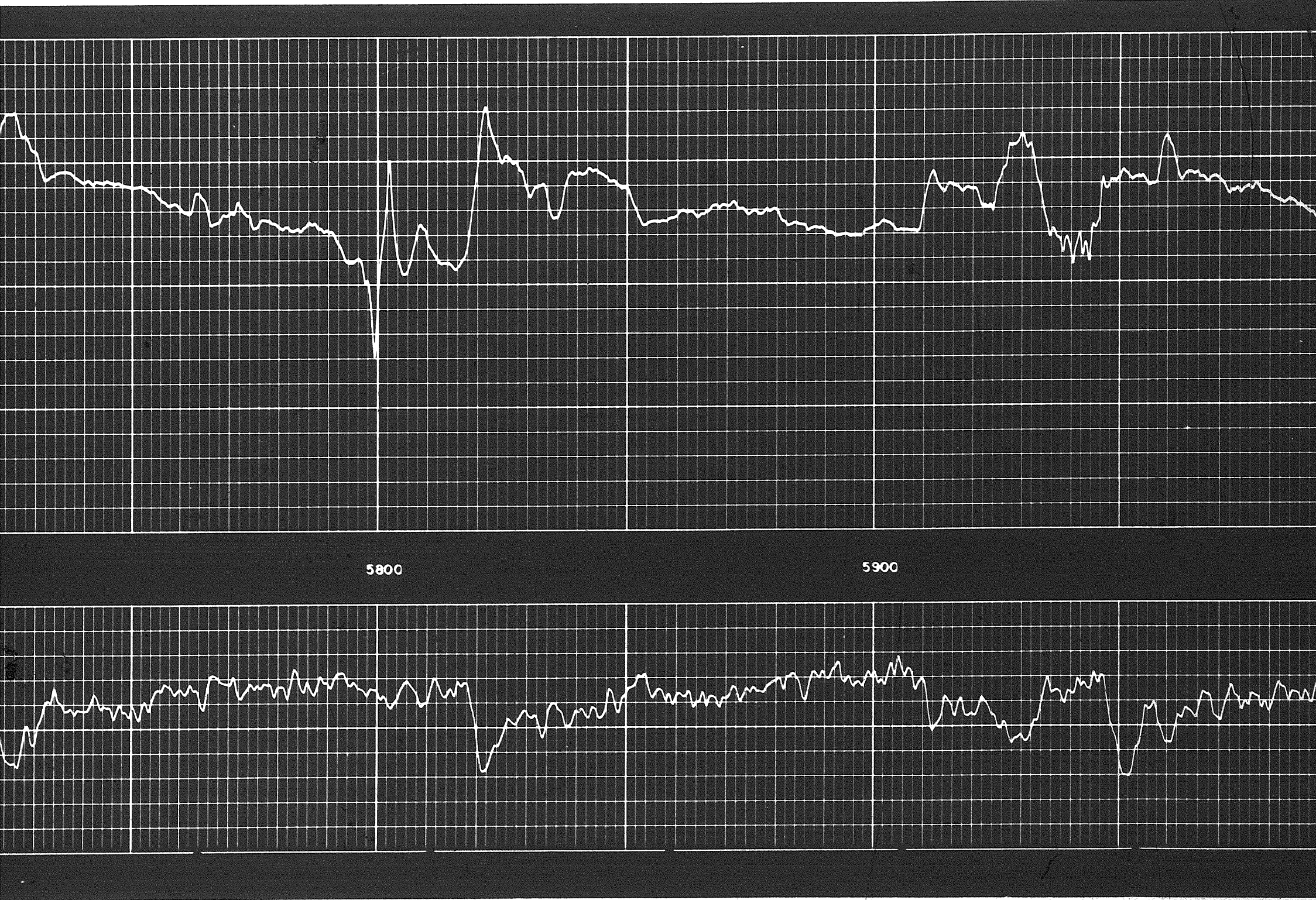
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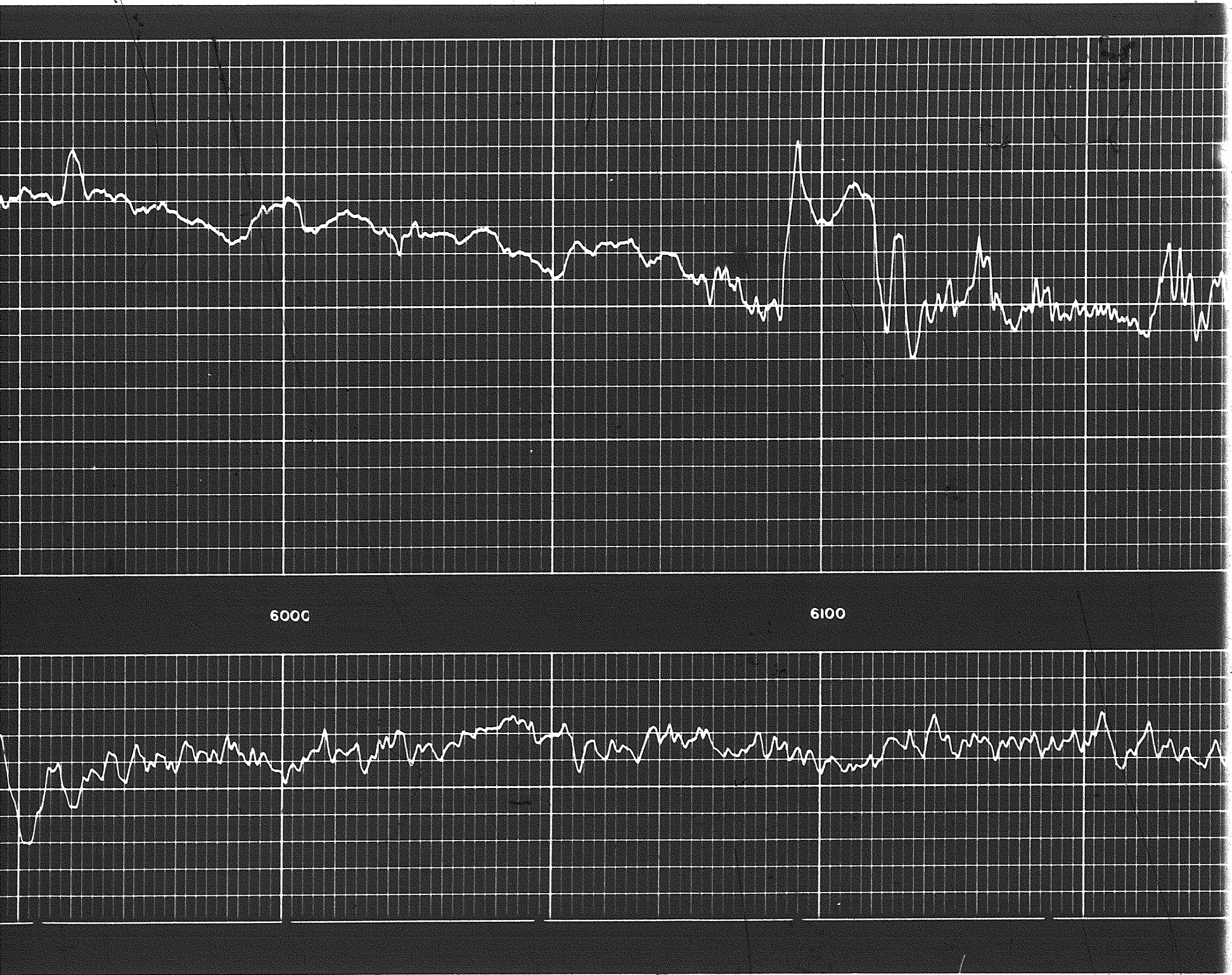
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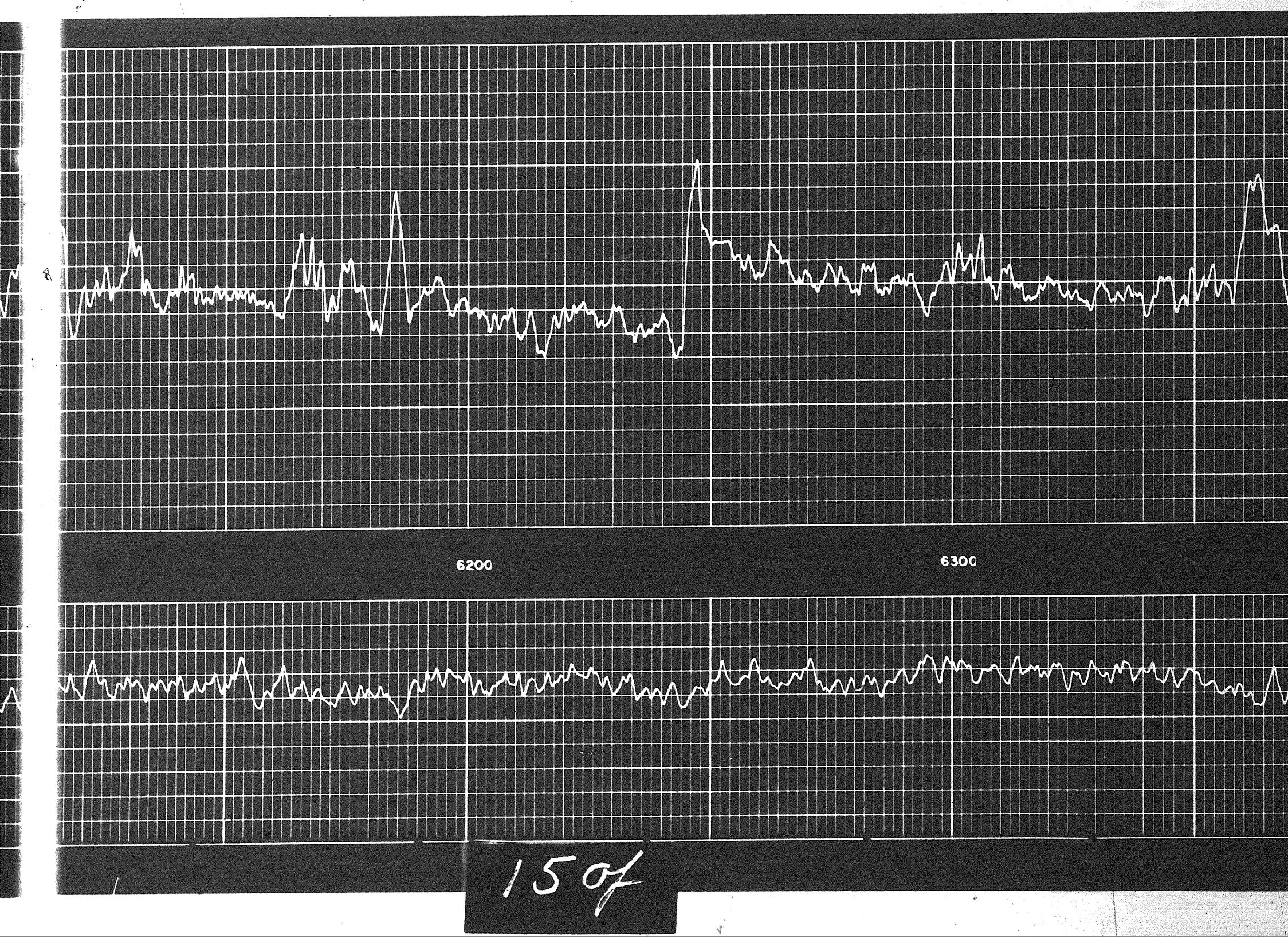
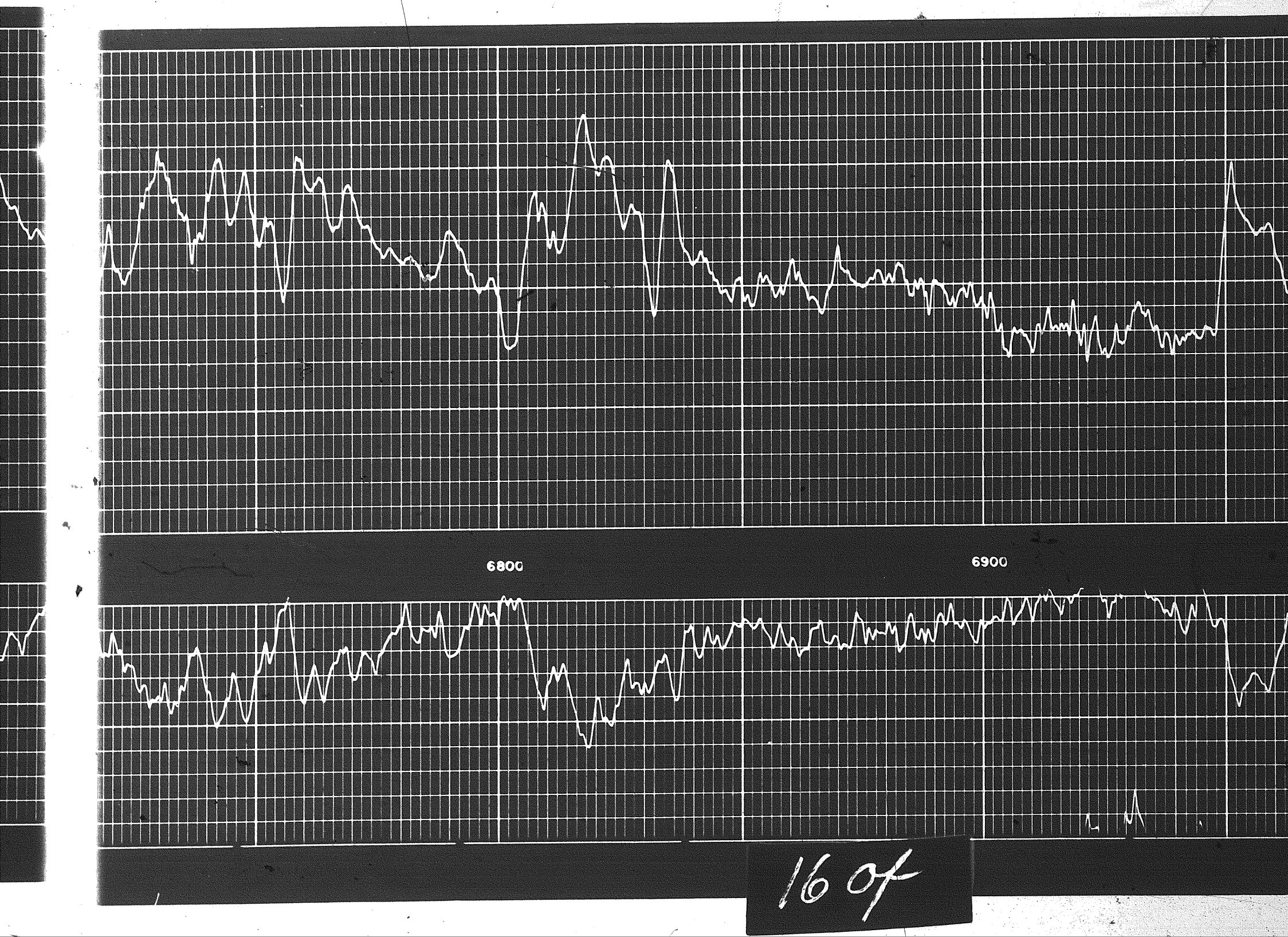


150

6400
SR
Scale Change 120
80
6300

6600

6700



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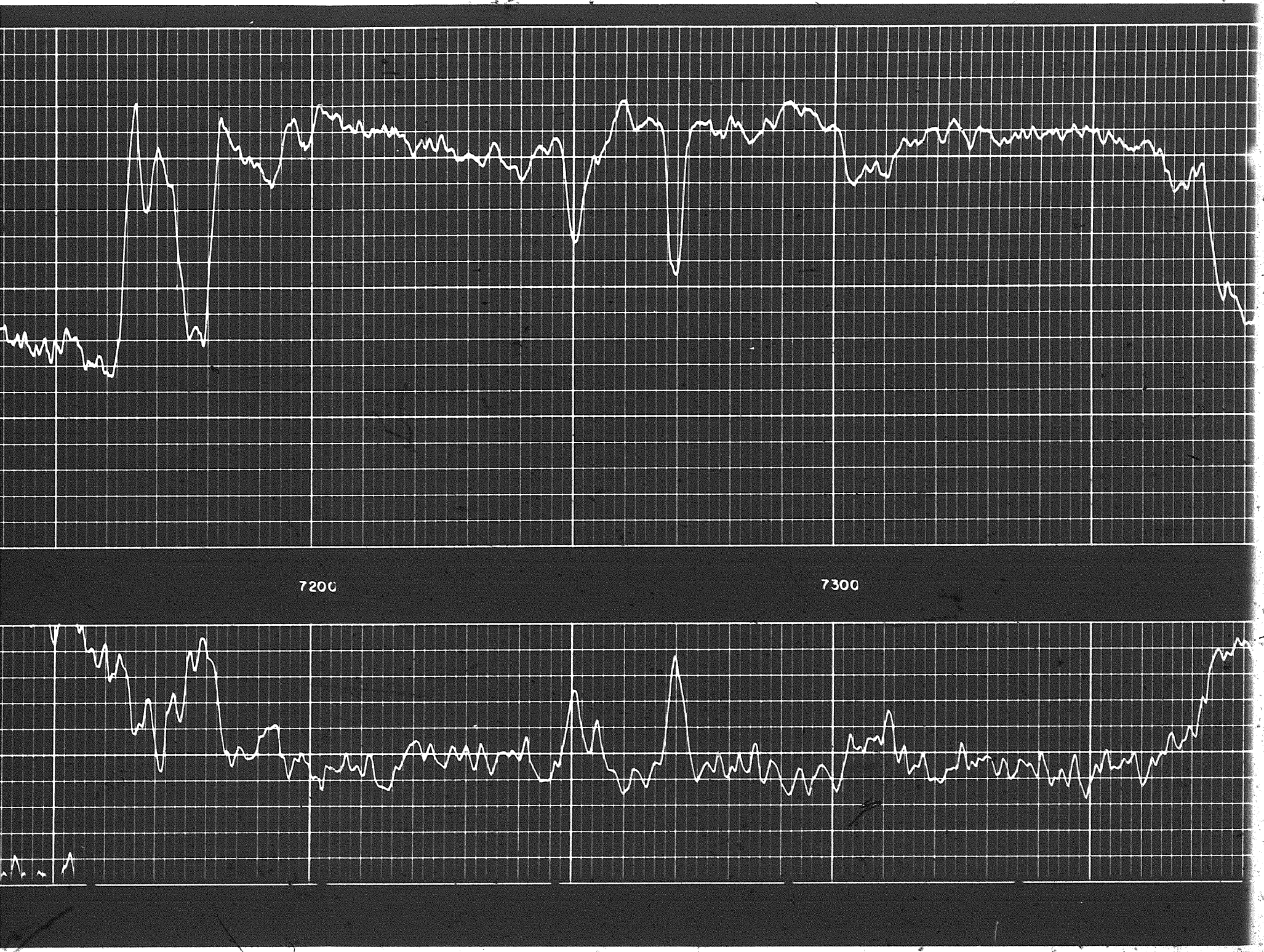
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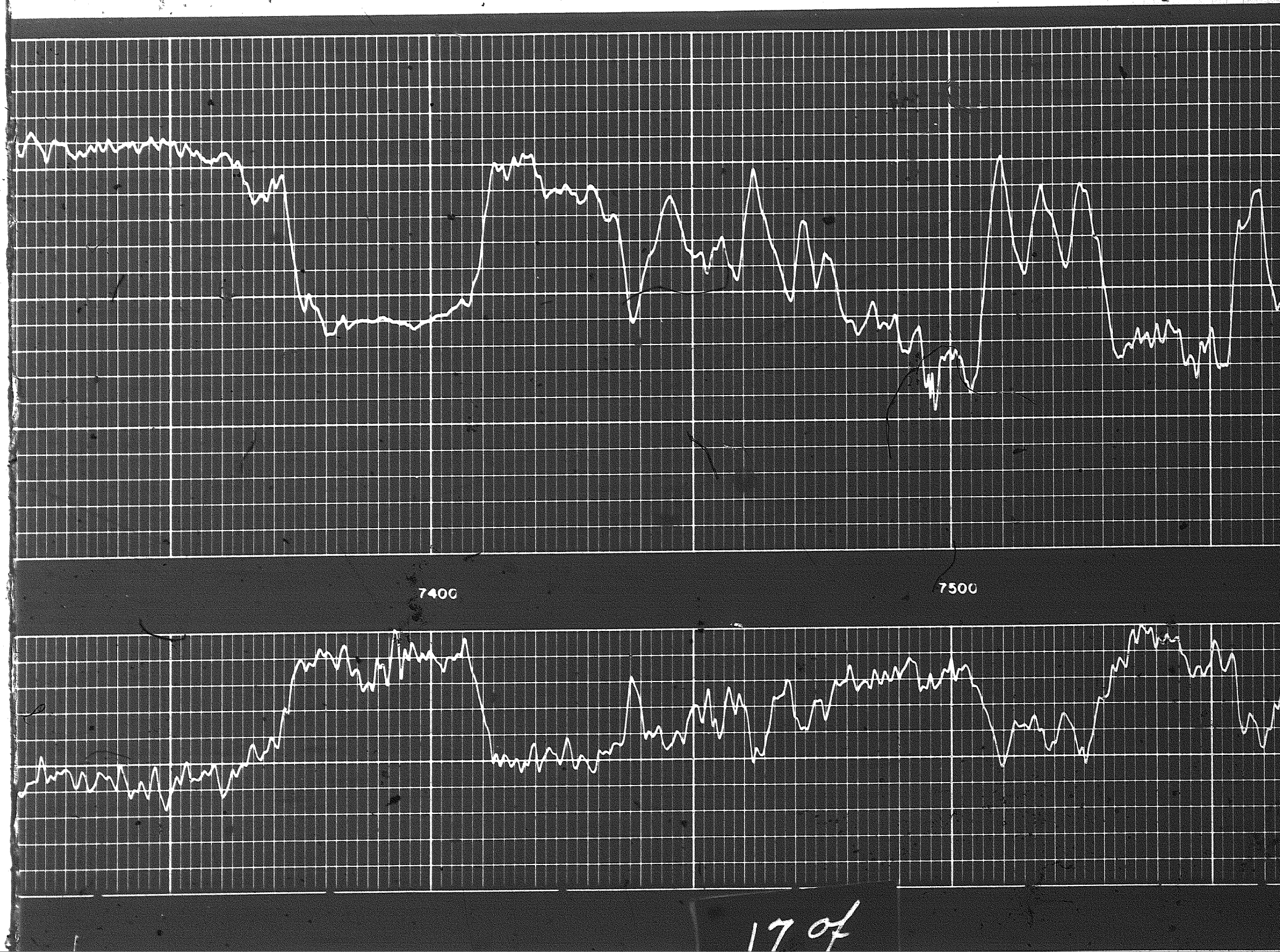

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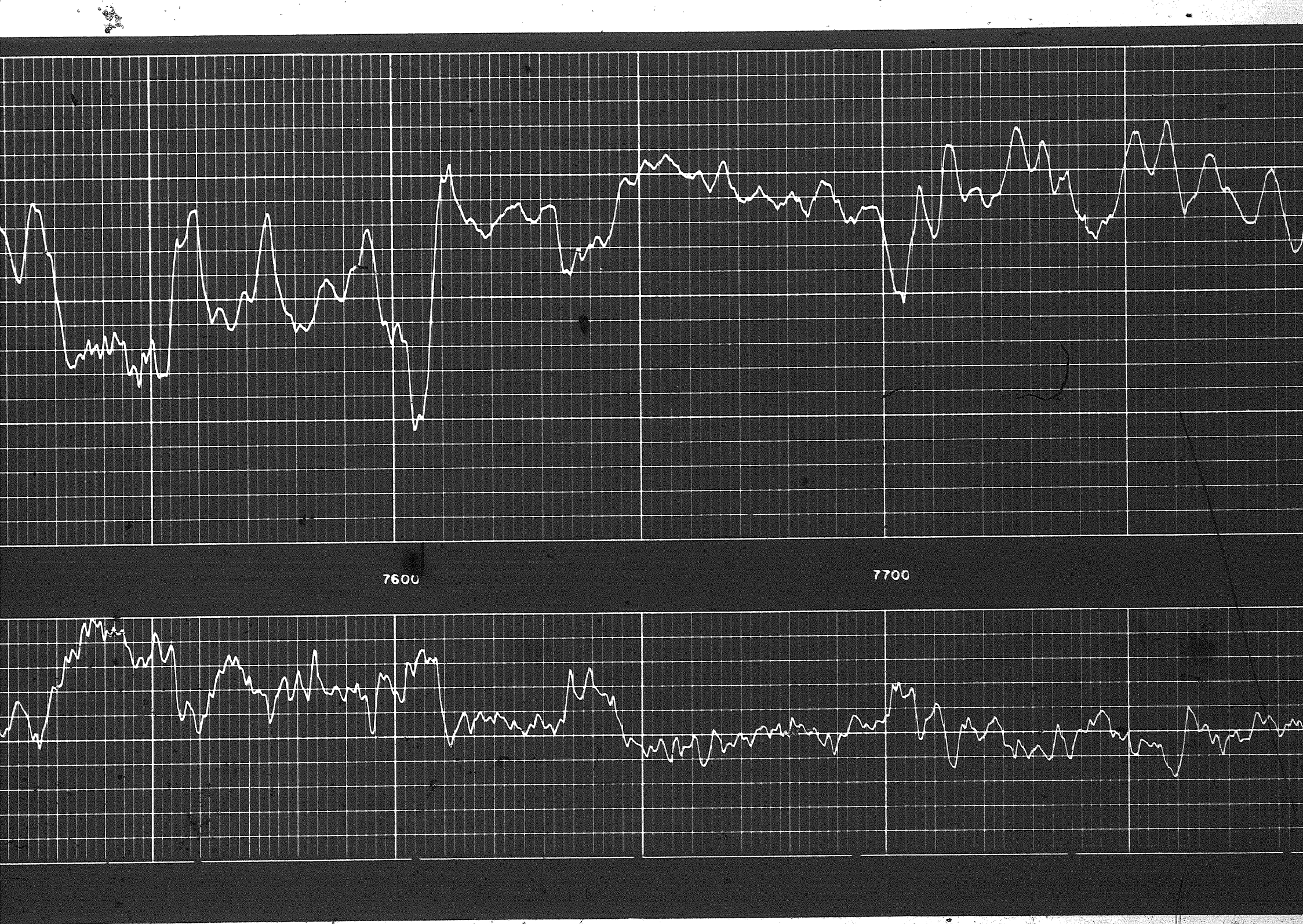
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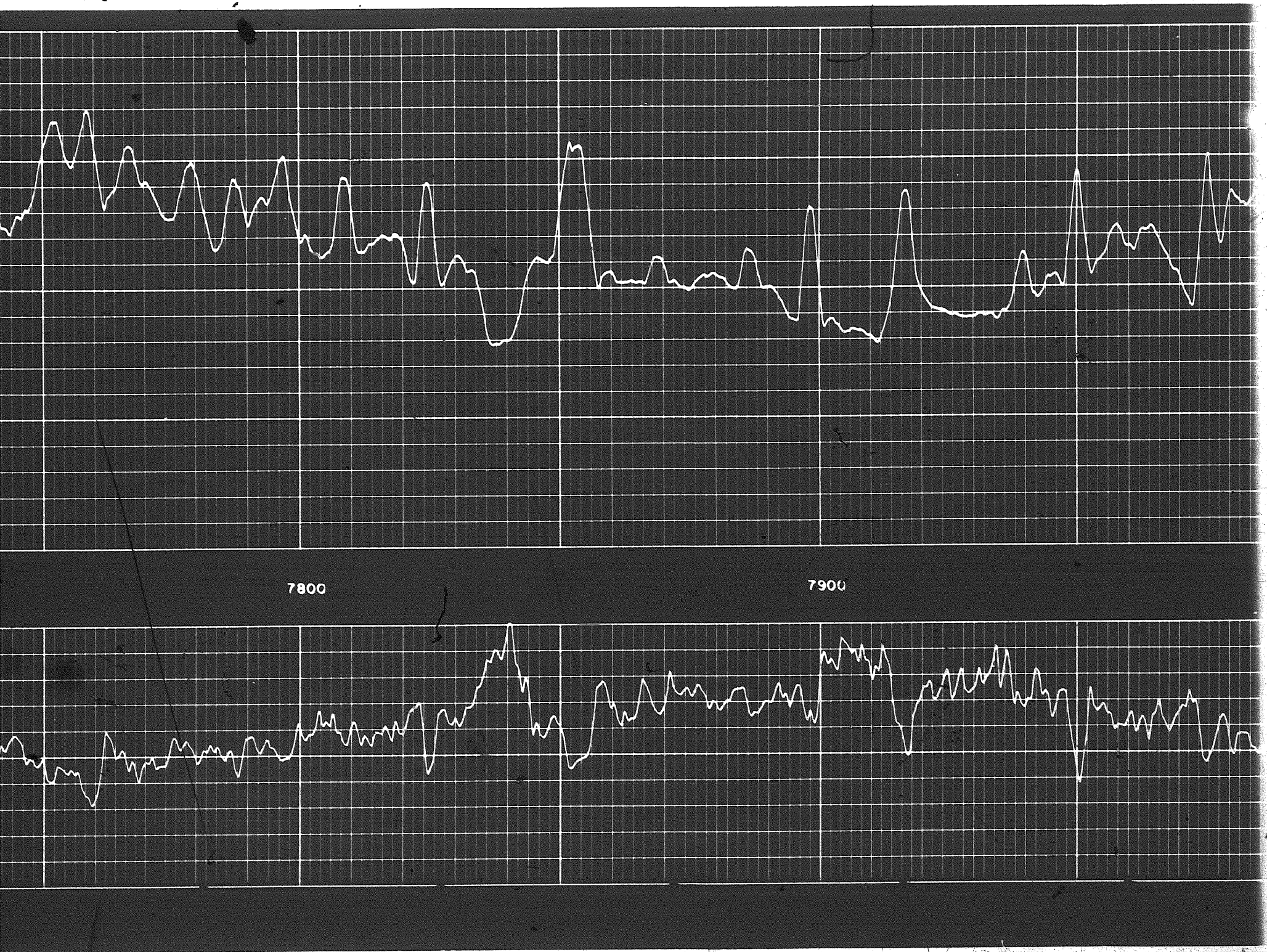
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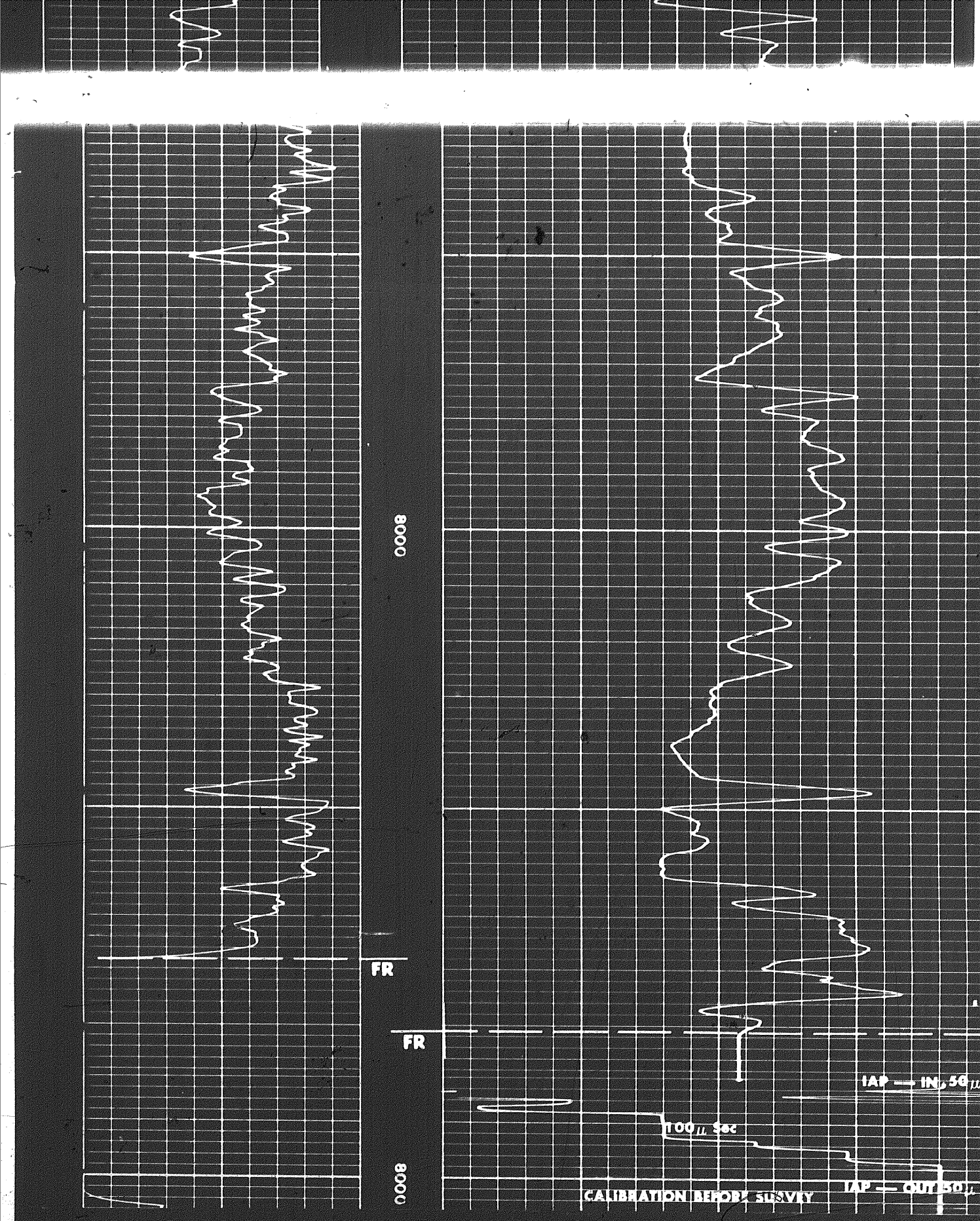
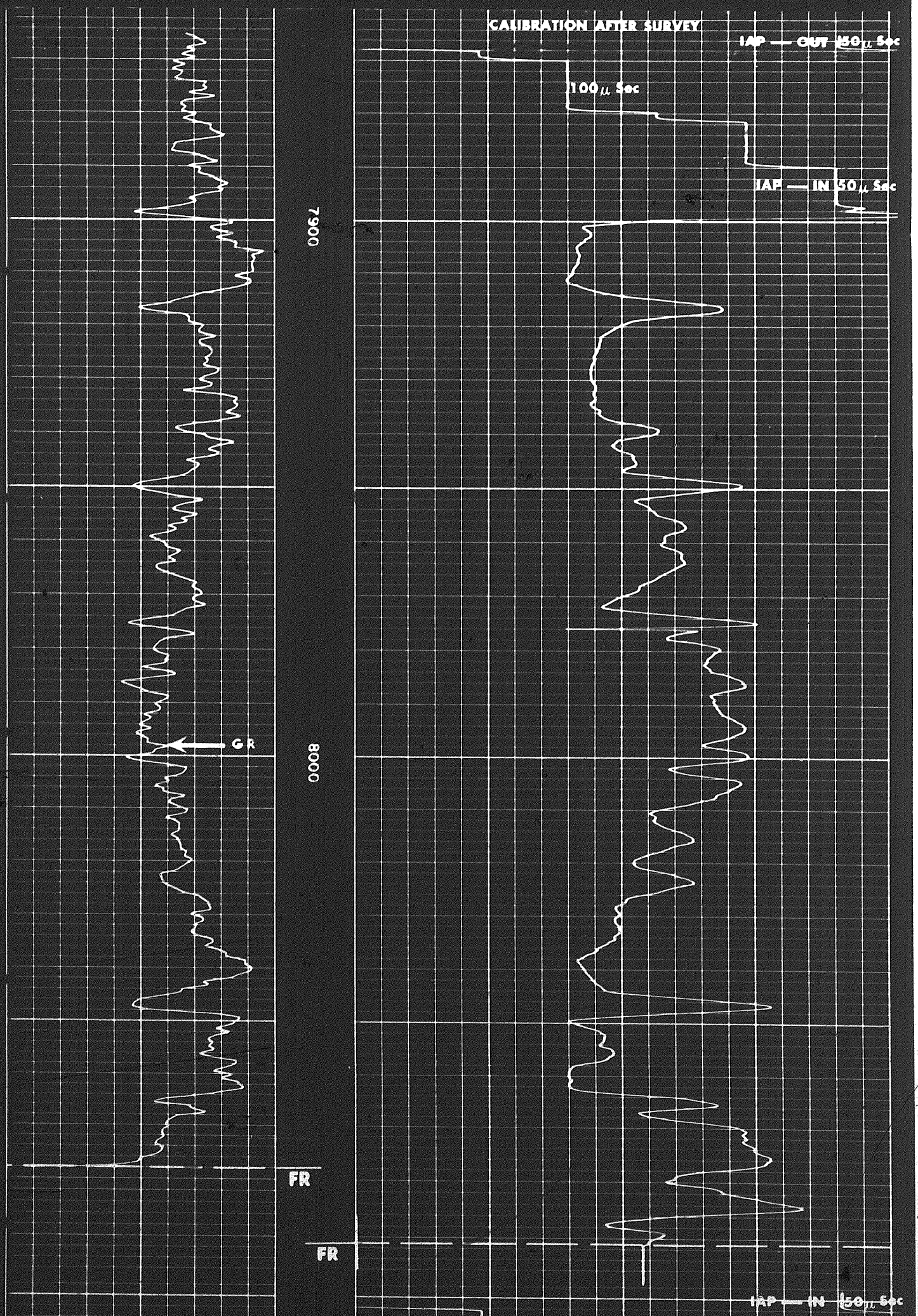
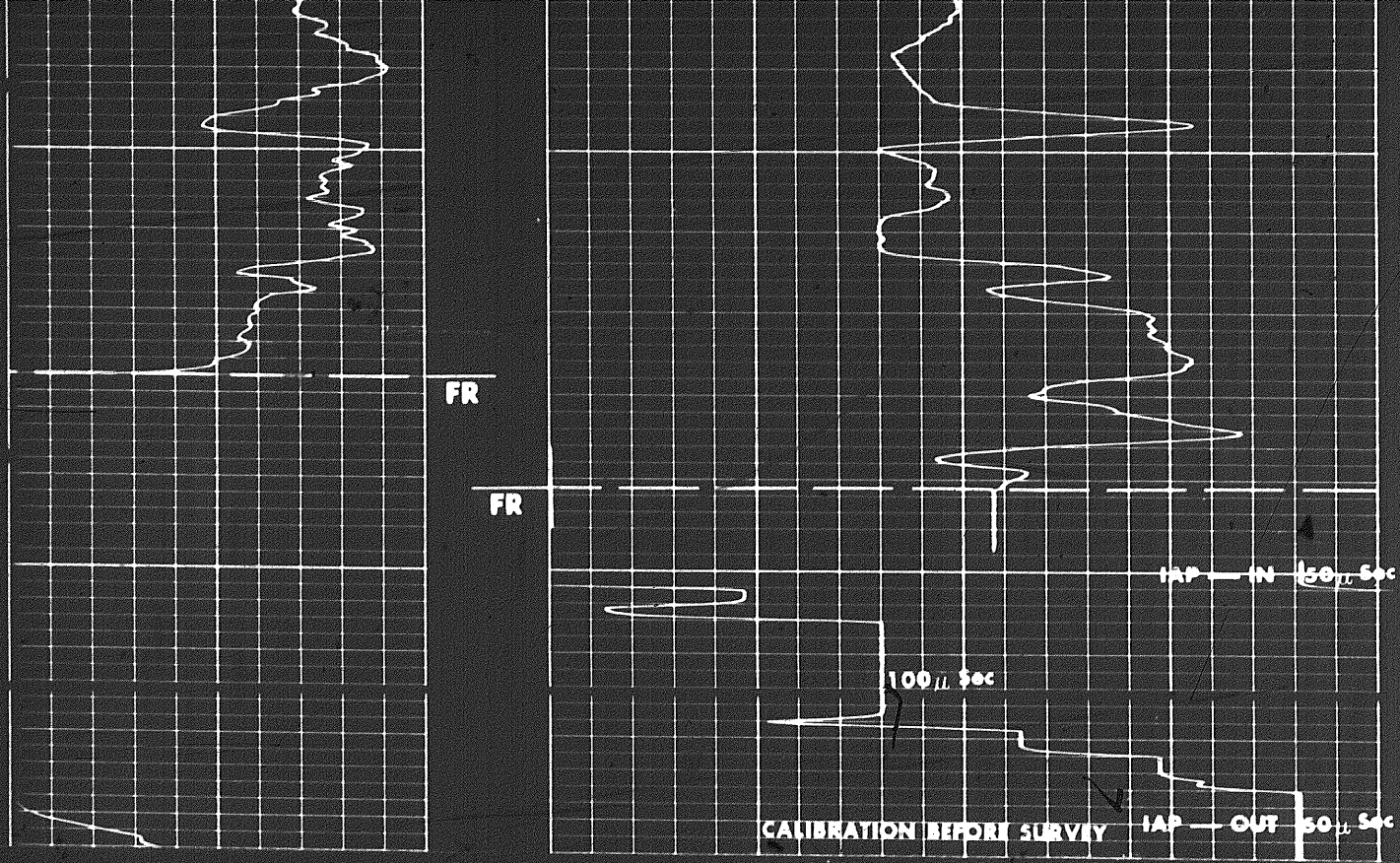


REPEAT SECTION

REPEAT SECTION





Interval 102 to 6488
Sens 300 T.C. 1
Logging Speed 40 ft./min.
← ZERO 0 div. to left

0 120
120 240

Interval 6488 to 8089
Sens 200 T.C. 1
Logging Speed 40 ft./min.
← ZERO 0 div. to left

0 80
80 160

GAMMA RAY
API UNITS

DEPTHS

140 90 40
240 190 140

INTERVAL TRANSIT TIME
microseconds per foot
← Increases

T
R
R

Spacing 3'
Pickup Span 3'

SONIC

COMPANY CANADA SOUTHERN PETROLEUM LIMITED

WELL NORTH BEAVER RIVER YT 1-27

FIELD WILDCAT PROVINCE YUKON TERRITORY

Rm	0.85	@	74	°F
Rmf	0.90	@	60	°F
Rmc	1.52	@	60	°F
BHT	167			°F

SOC FR 8091
SOC TD 8099
DRLR TD 8090
Elev.:
KB 1446.1
GL 1430
CBF