



Differential Temperature Log

GL02665
FILE NO.

COMPANY E.G. & G. IDAHO INC.

WELL RRGP-5

FIELD RAFT RIVER GEOTHERMAL

COUNTY CASSIA STATE IDAHO

LOCATION:

NE SW

SEC 22 TWP 15S RGE 26E

Other Services
4 ARM CAL.
CDLC/CDN/GR
BHC/GR

Permanent Datum G.L. Elev. 4988
Log Measured from K.B., 14 Ft. Above Permanent Datum
Drilling Measured from K.B.

Elevations:
KB 5002
DF
GL 4988

Date	5-28-78	5-28-78	5-29-78
Run No.	ONE	ONE	ONE
Type Log	DIFF. TEMP	DIFF. TEMP	DIFF. TEMP
Depth-Driller	3743	3743	3743
Depth-Logger	3742	3742	3742
Bottom Logged Interval	3740	3740	3740
Top Logged Interval	10	26	74
Type Fluid in Hole	FLOCC. WATER	"	"
Salinity Ppm Cl.			
Density Lb./Gal.	9.2	9.2	9.2
Level	FULL	FULL	FULL
Max. Rec. Temp. Deg. F	199	224	232
Opr. Rig Time	4 HRS	2.5 HRS.	4.5 HRS.
Recorded By	LEBSOCK/WARD	"	"
Witnessed By	MR. STEADMAN	"	"

Run No.	Bore Hole Record				Casing Record		
	Bit	From	To	Size	Wgt.	From	To
1	12 1/4	1510	T.D.	20" 13 3/8		SURF. 182	182 1570

REMARKS TOOL SAT AT BOTTOM OF HOLE AFTER RUN
#3 FOR 2 HRS. & REACHED MAXIMUM
TEMPERATURE OF 265° F.

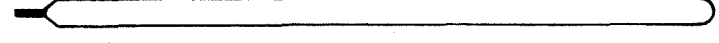
Equipment Used

Series No. 2104
Run No. ONE
S.O. 07829
Tool No.
Elec. No.
Panel No. 24202

DIFFERENTIAL TEMPERATURE LOG DATA

Run No.	1	2	3	4
Date - Time	5/28/78 0730	5/28/78 1730	5/29/78 0430	
Tool Model No.	2104	2104	2104	
Tool Serial No.	HL-6180	HL-6180	HL-6180	
Truck No.				
Gradient Sens.	197	244	244	
Differential Sens.	310	310	310	
Logging Speed	RECORDED	RECORDED	RECORDED	
Type Well	GEOTHERMAL	GEOTHERMAL	GEOTHERMAL	
Log Purpose				
Fluid Level	FULL	FULL	FULL	
Well Pressure				
Shut In Time				
Injected Fluid Temp.				
Inj./Prod Fluid Type				
Inj./Prod Rate				
Inj./Prod Volume				
Inj./Prod Time				
Cross Flow Check				

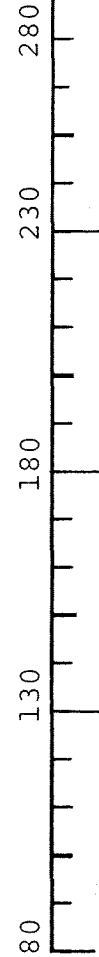
INSTRUMENT DATA



Instrument Dia. 1.5"

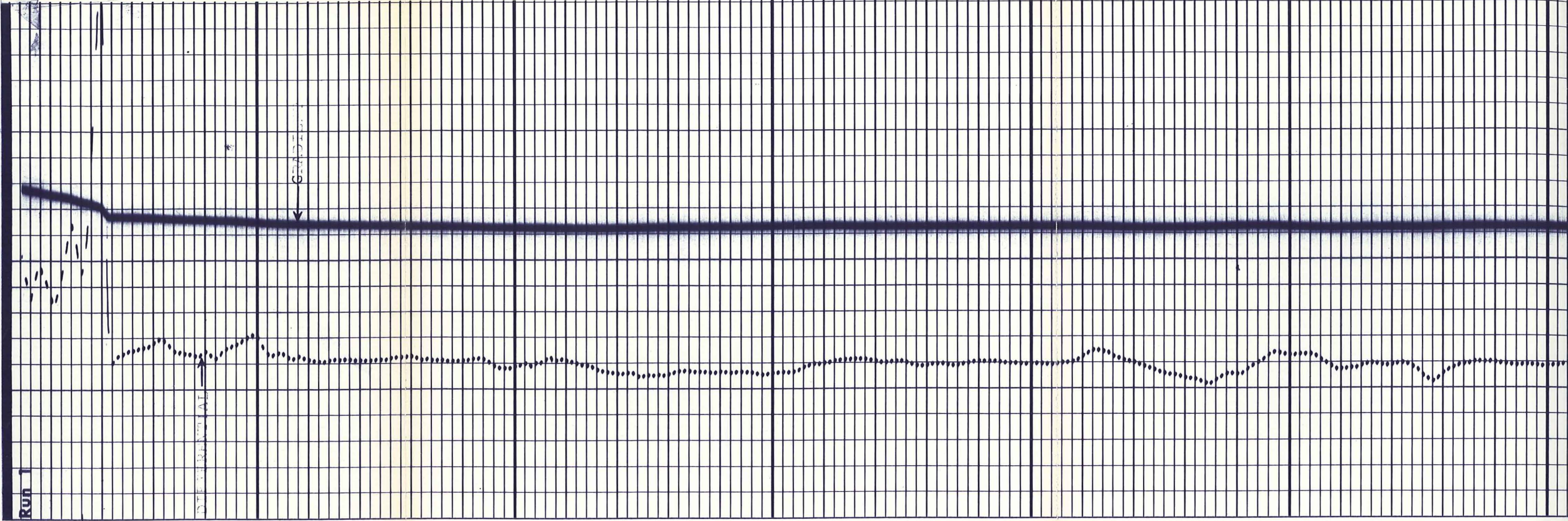
TEMPERATURE SURVEY

TEMPERATURE - °F



TEMPERATURE - °F

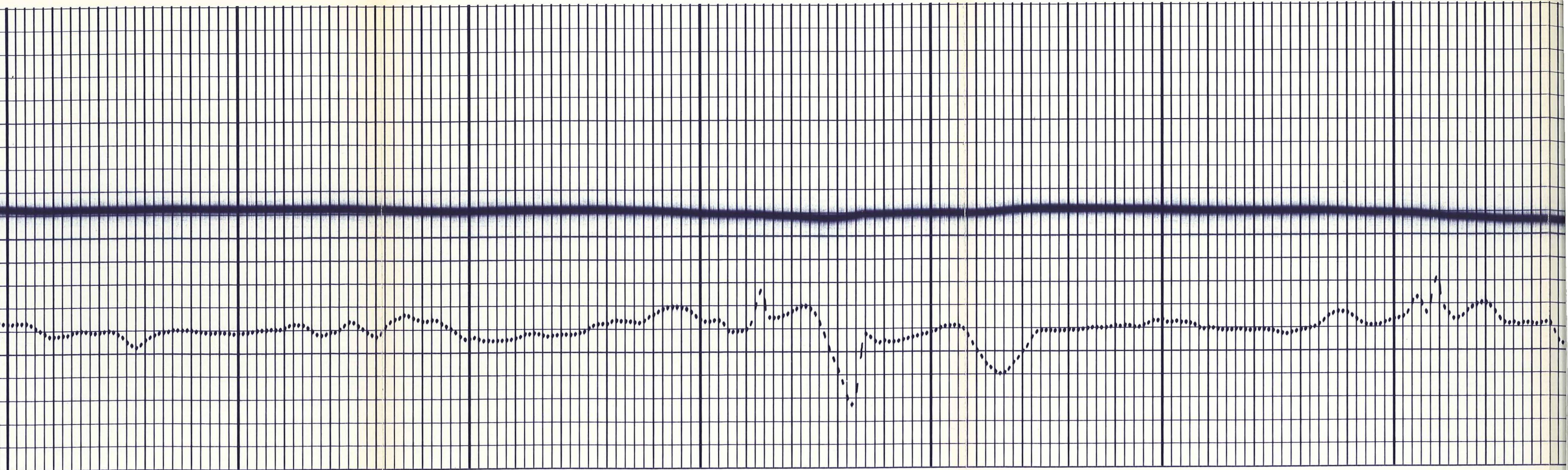
280
230
180
130
80



3700

3600

3500

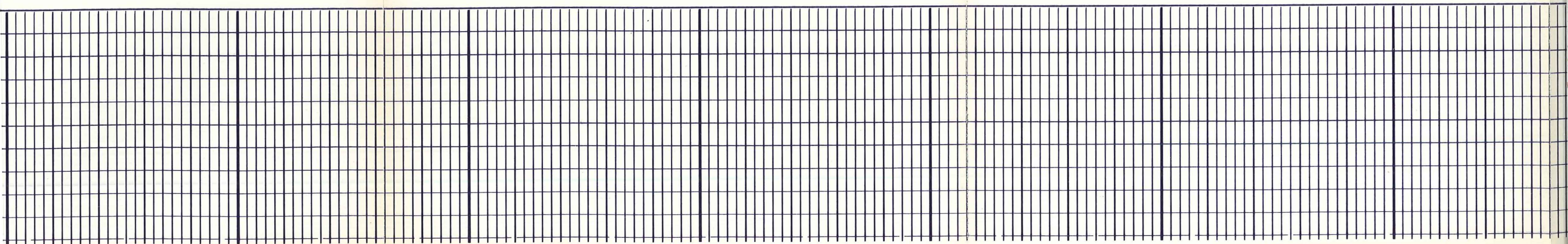


500

3400

3300

3200



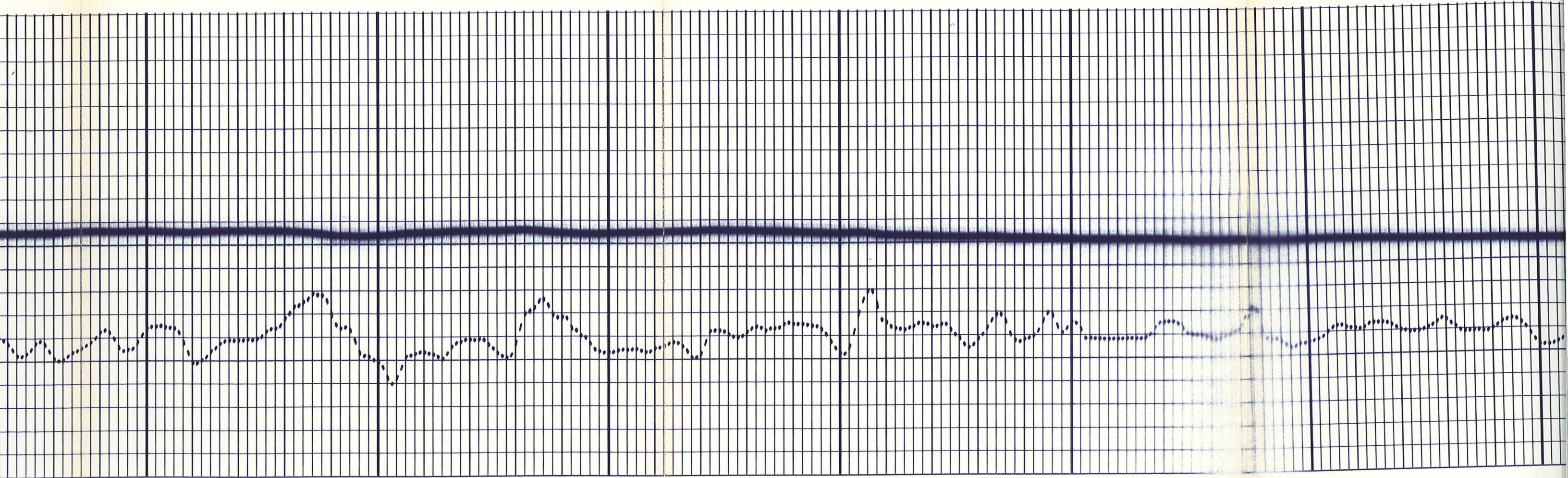


3200

3100

3000

2900

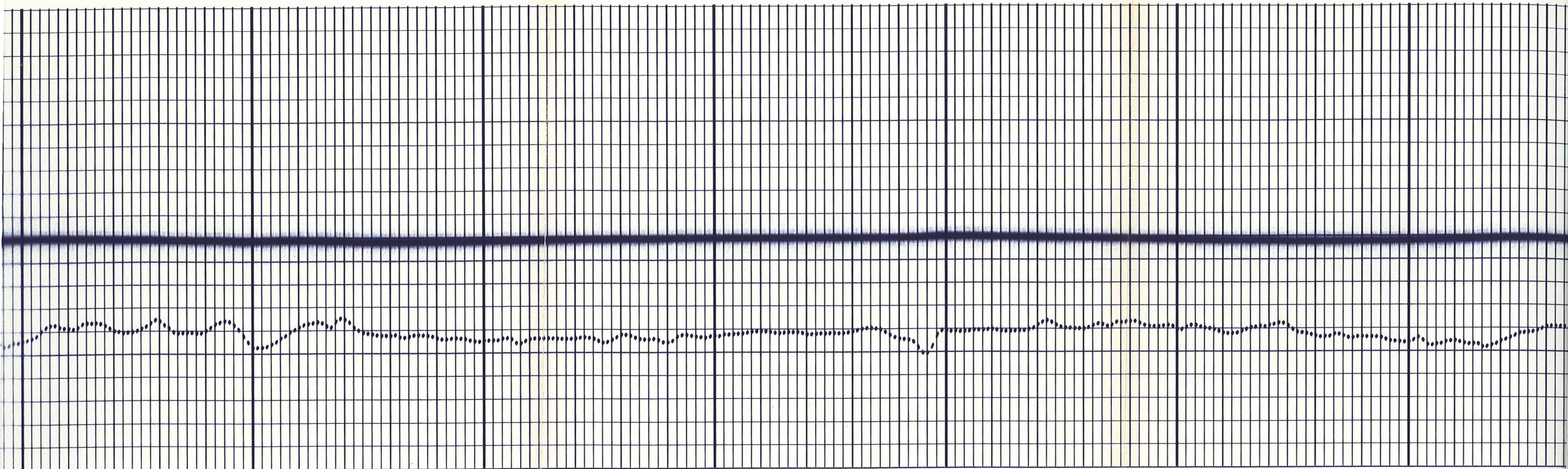


2900

2800

2700

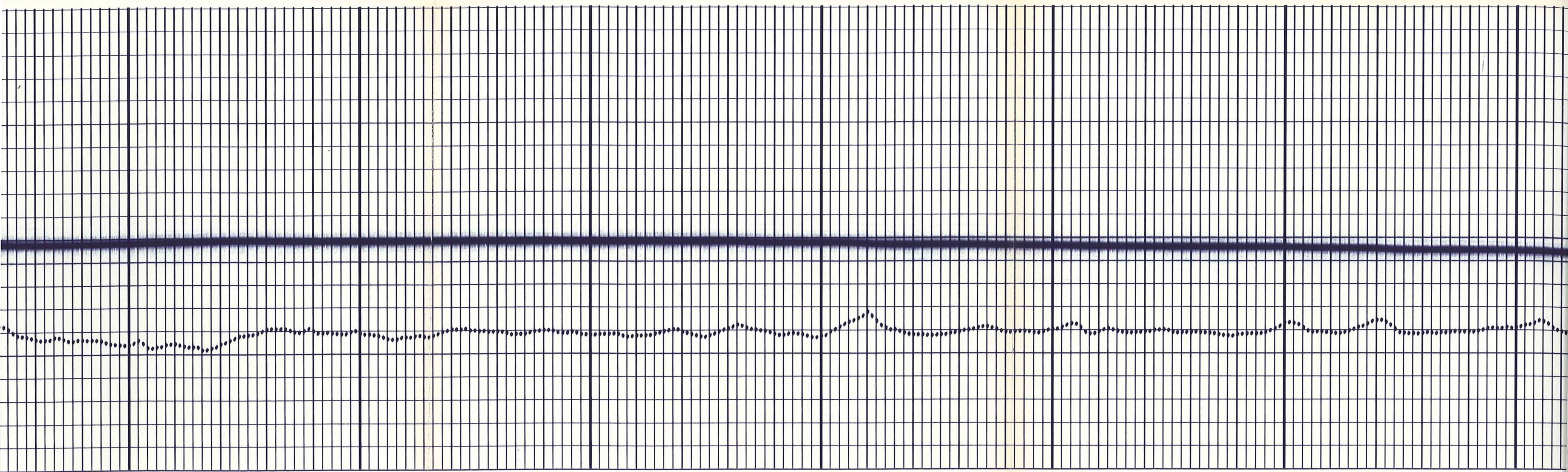
2600



2600

2500

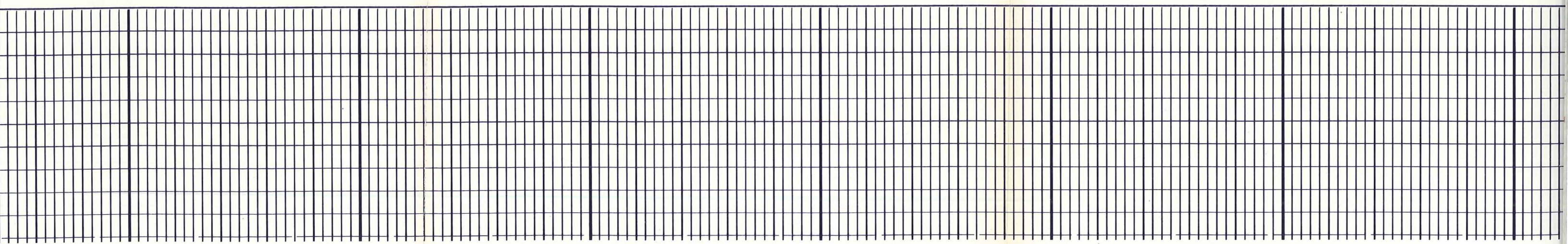
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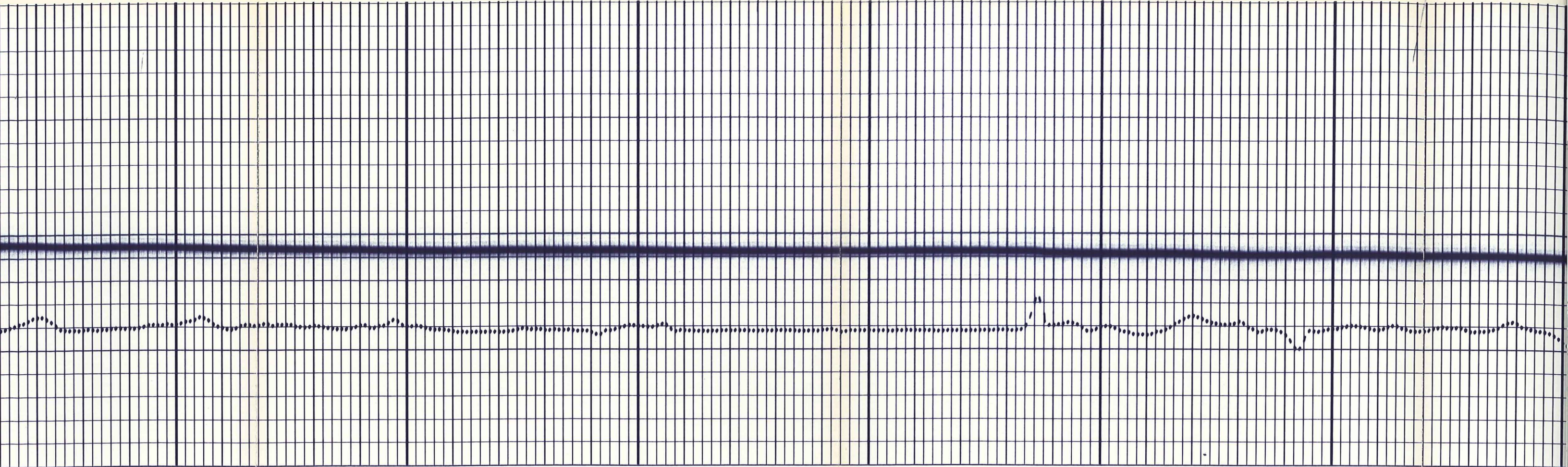


2300

2200

2100

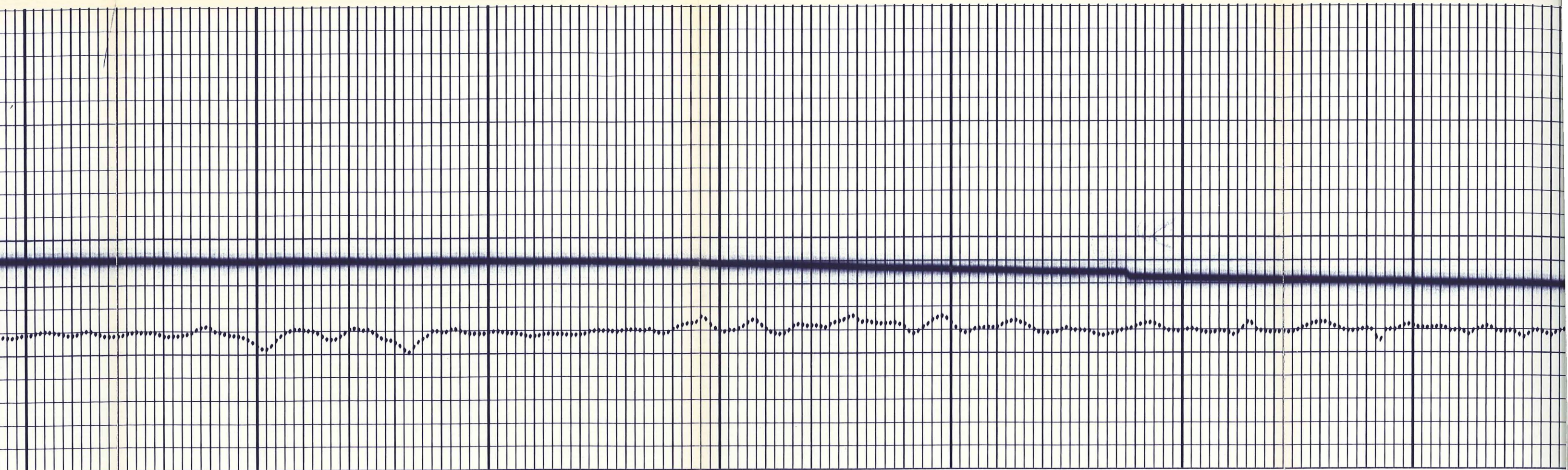




2000

1900

1800

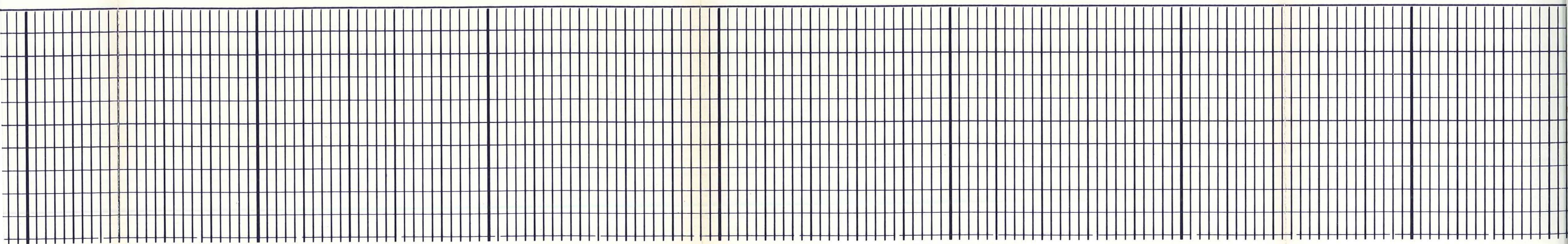


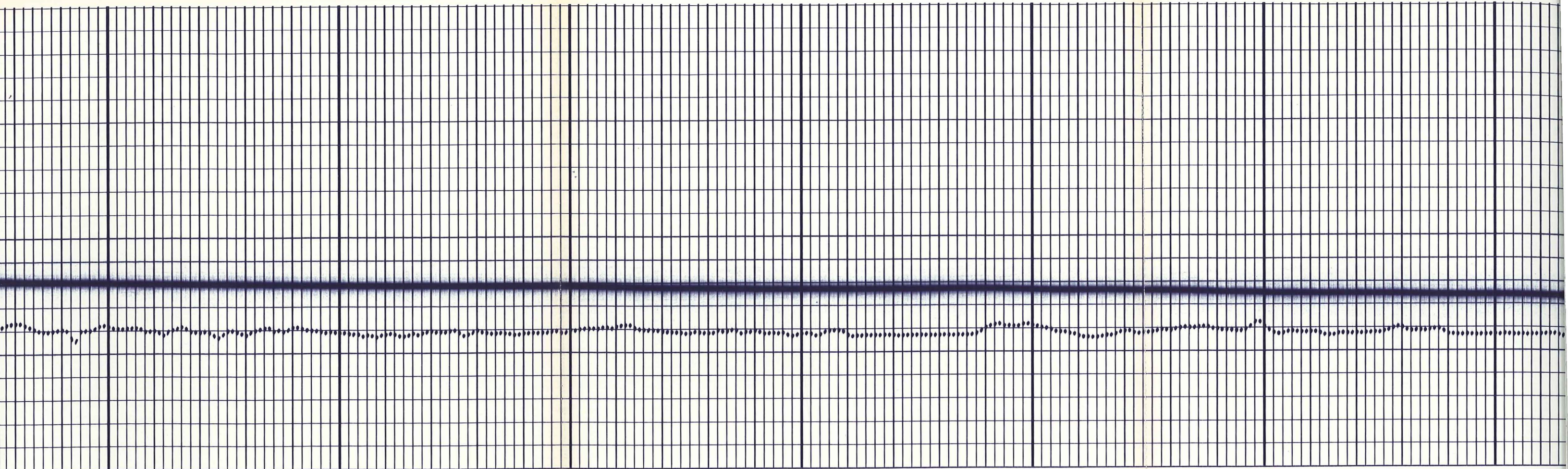
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1700

1600

1500



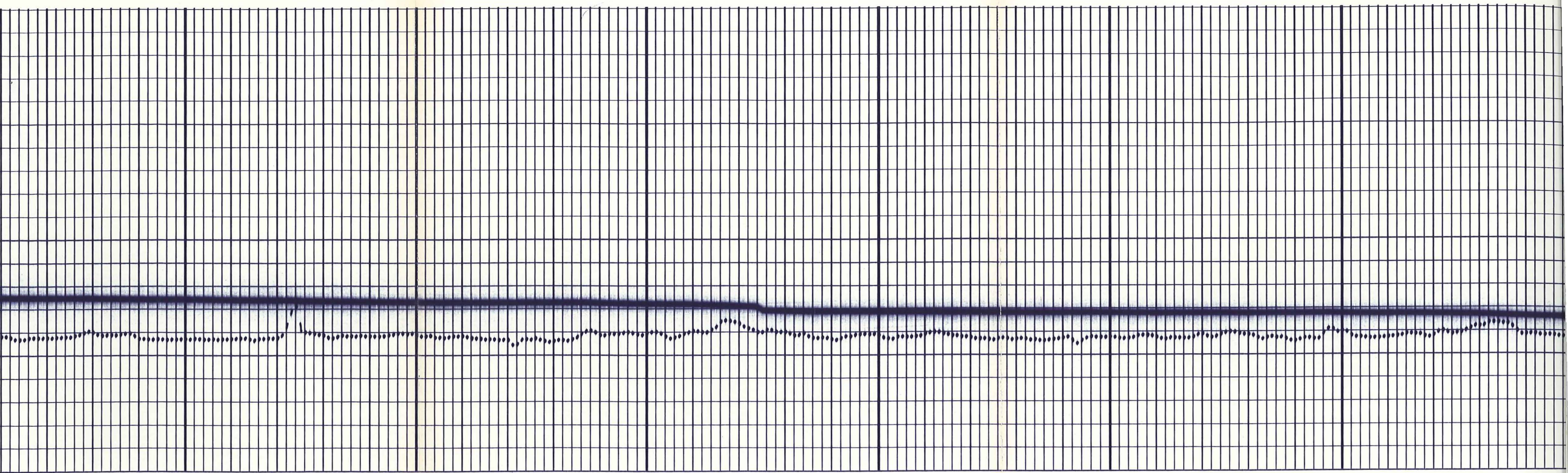


1500

1400

1300

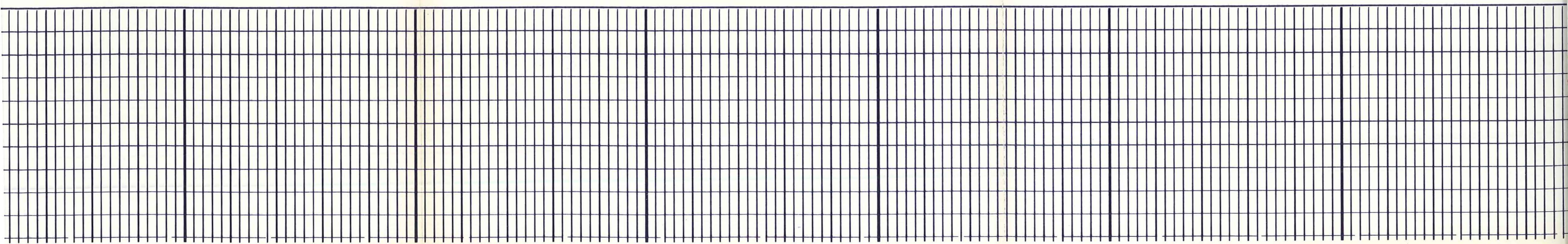
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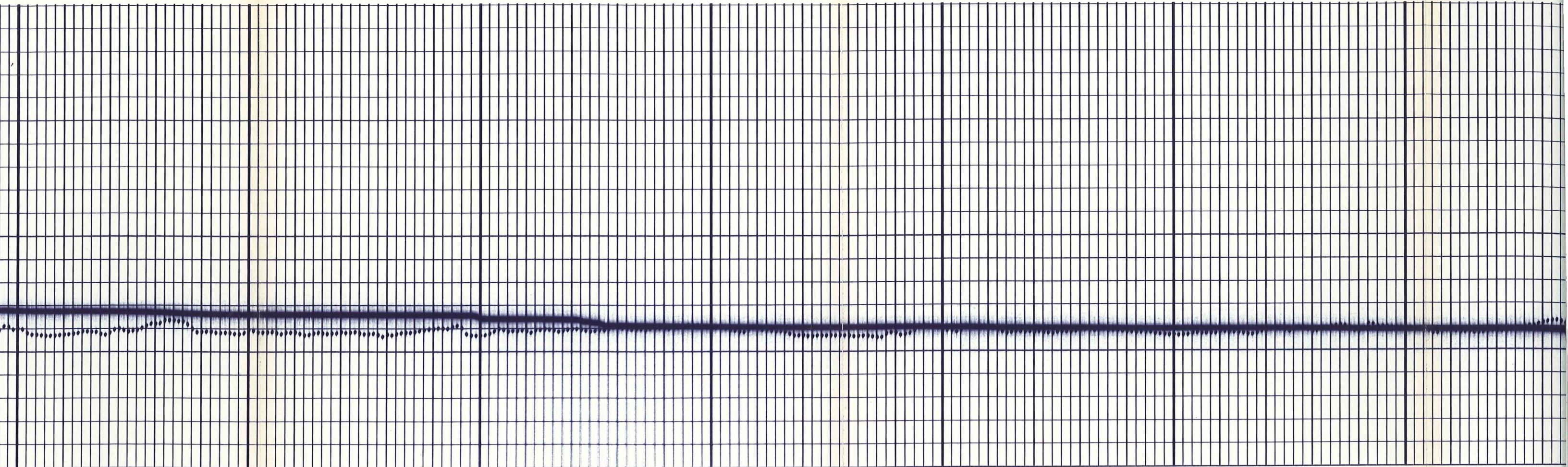


1200

1100

1000

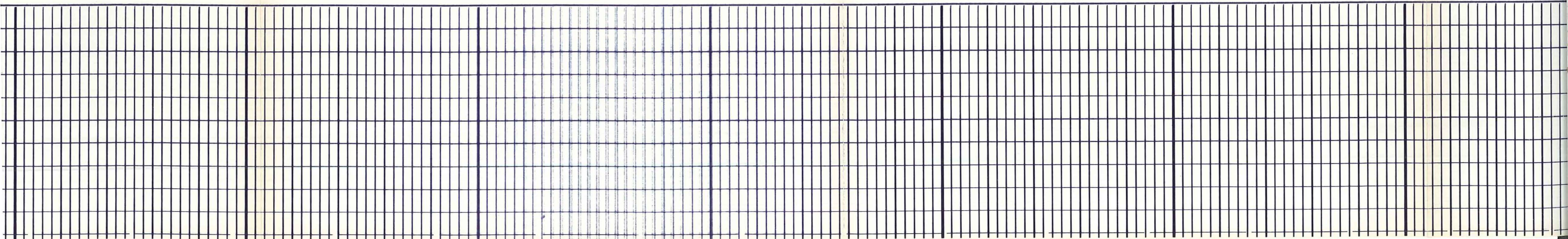


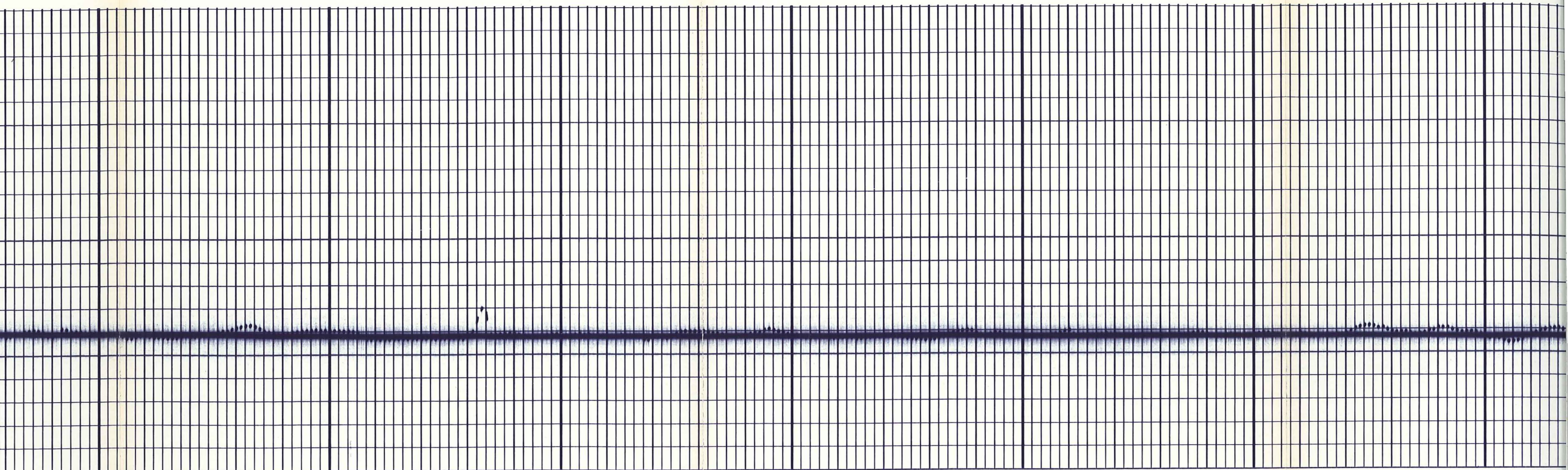


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800

700

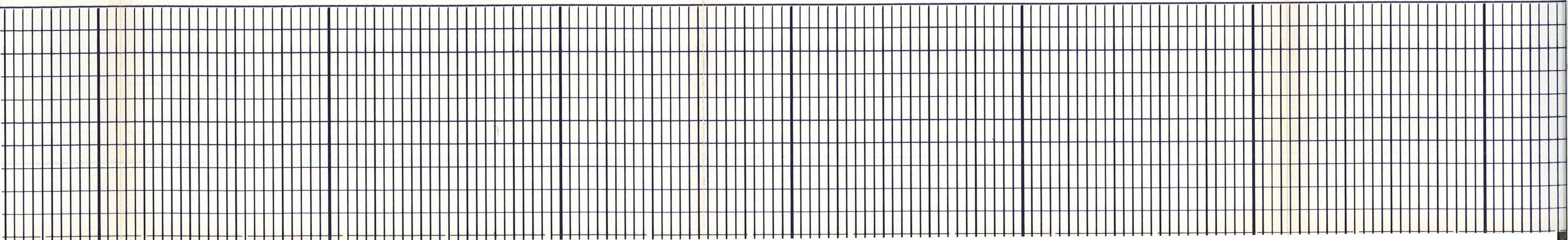


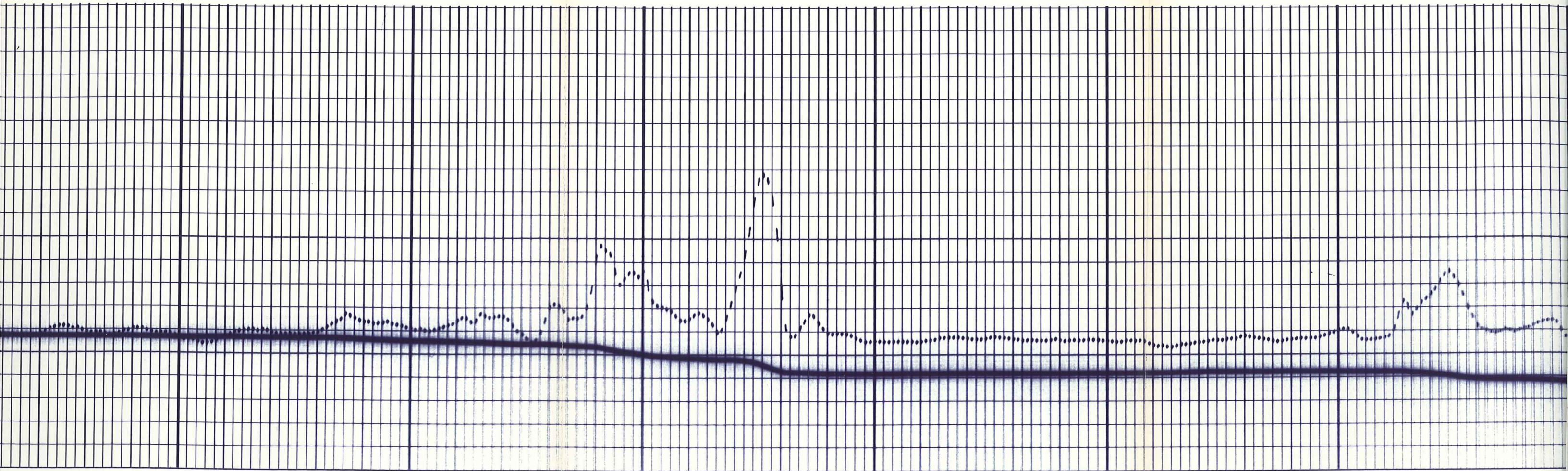


600

500

400

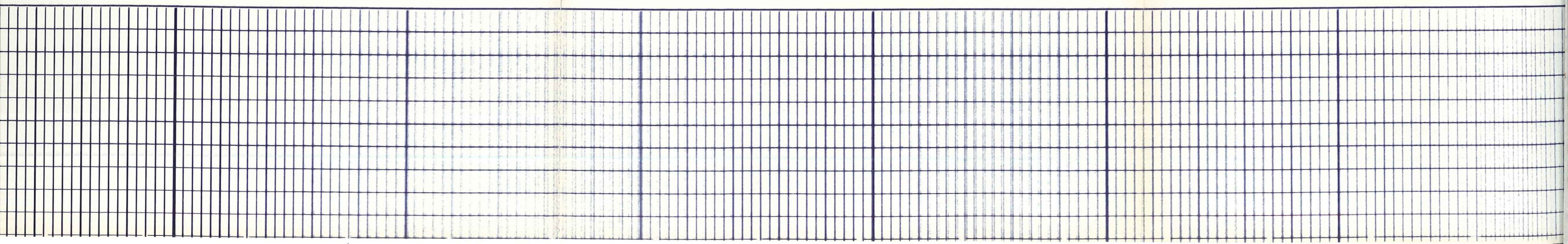


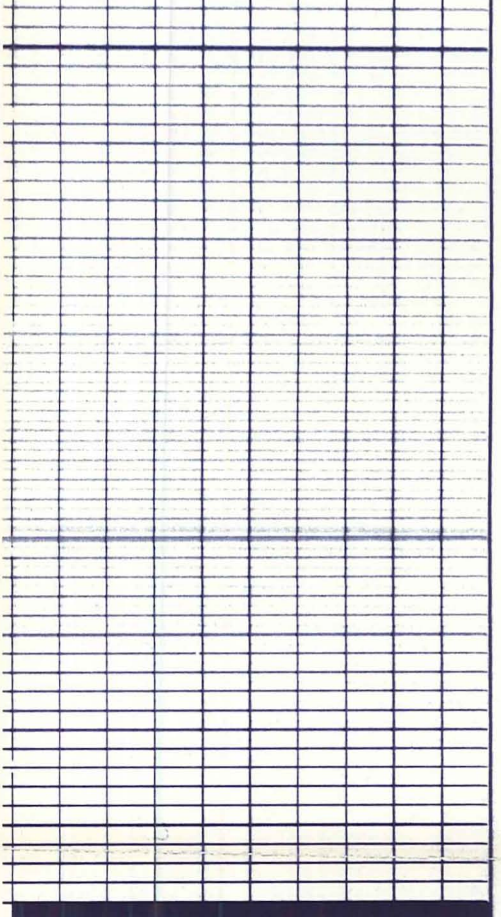


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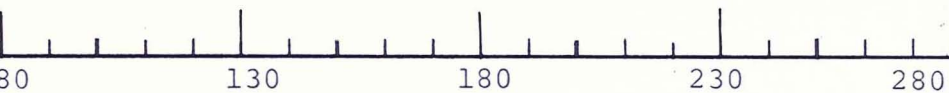
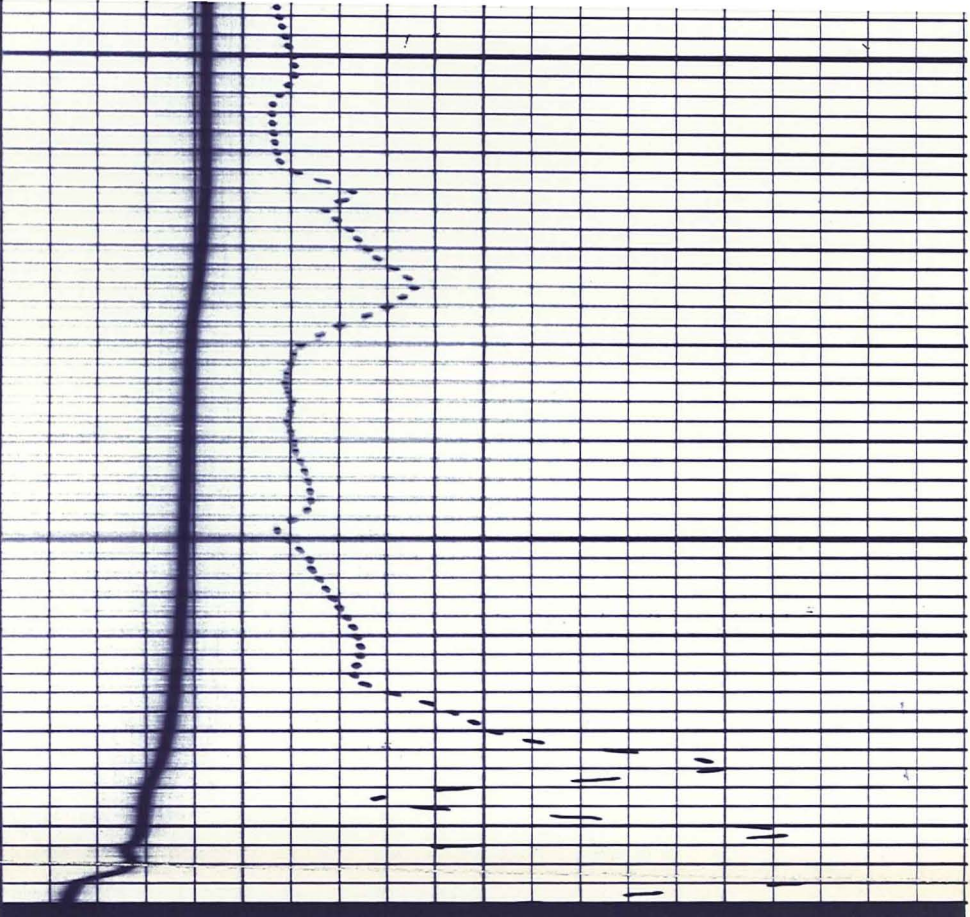
200

100





100

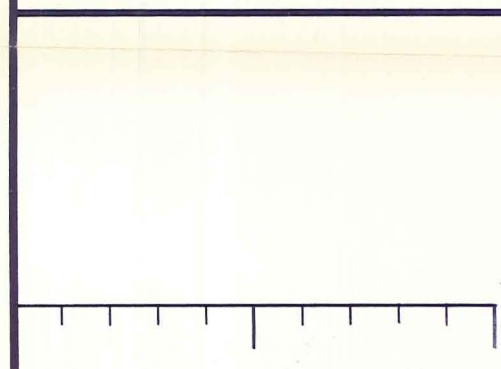


TEMPERATURE - °F

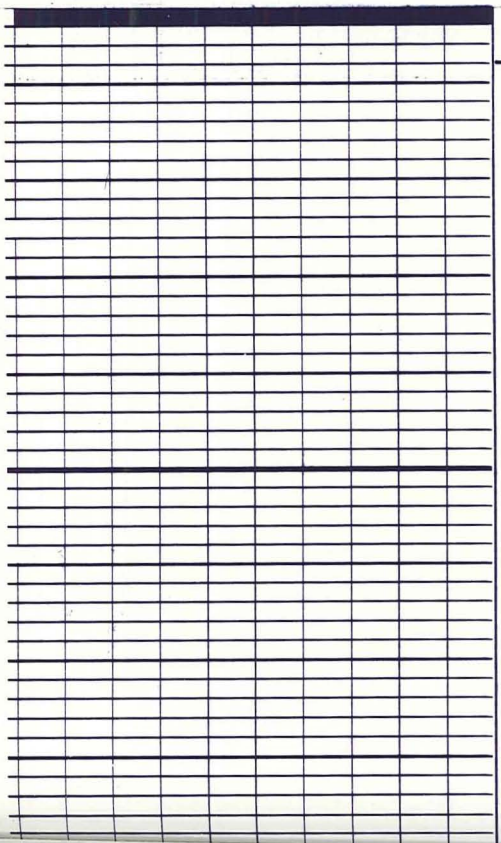
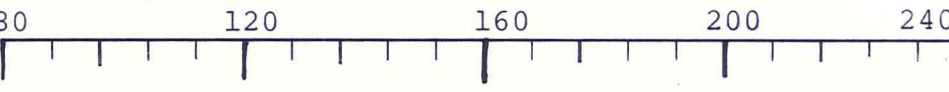
TEMPERATURE SURVEY

Company	E.G. & G. IDAHO INC.	Drillers T.D.	3743
Well	RRGP-5	Log F.R.	3740
Field	RAFT RIVER GEOTHERMAL	Log T.D.	3742
County	CASSIA	Elevations:	
State	IDAHO	K.B.	5002
		D.F.	
		G.L.	4988

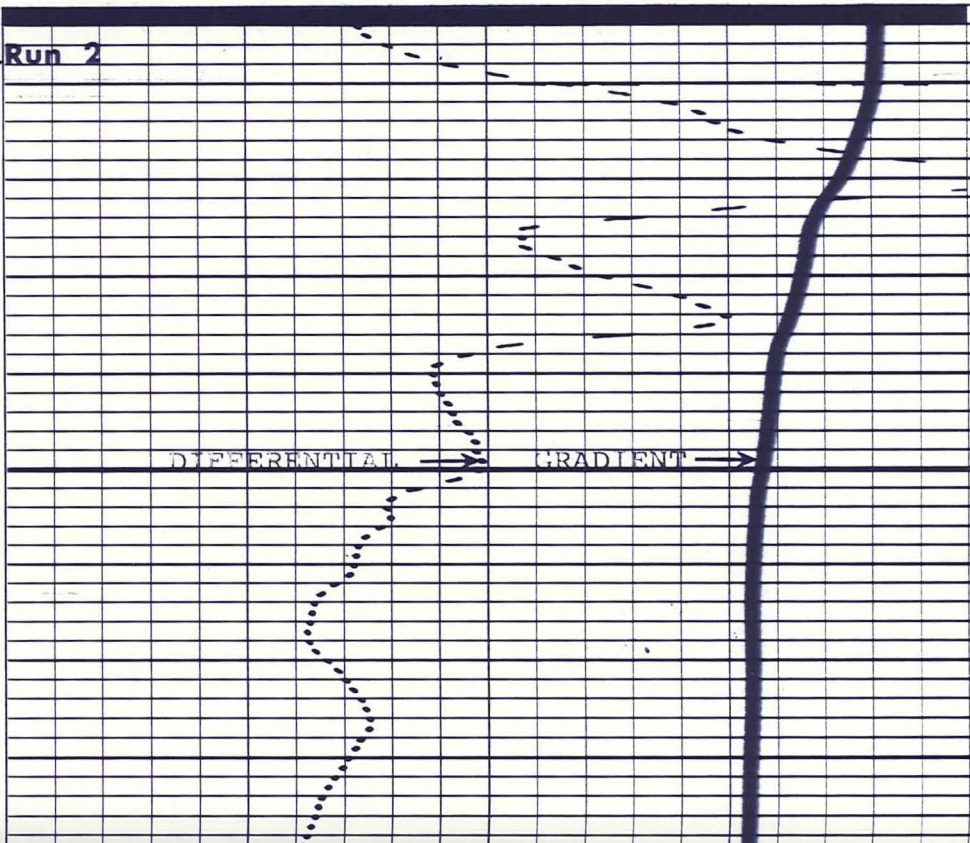
TEMPERATURE SURVEY



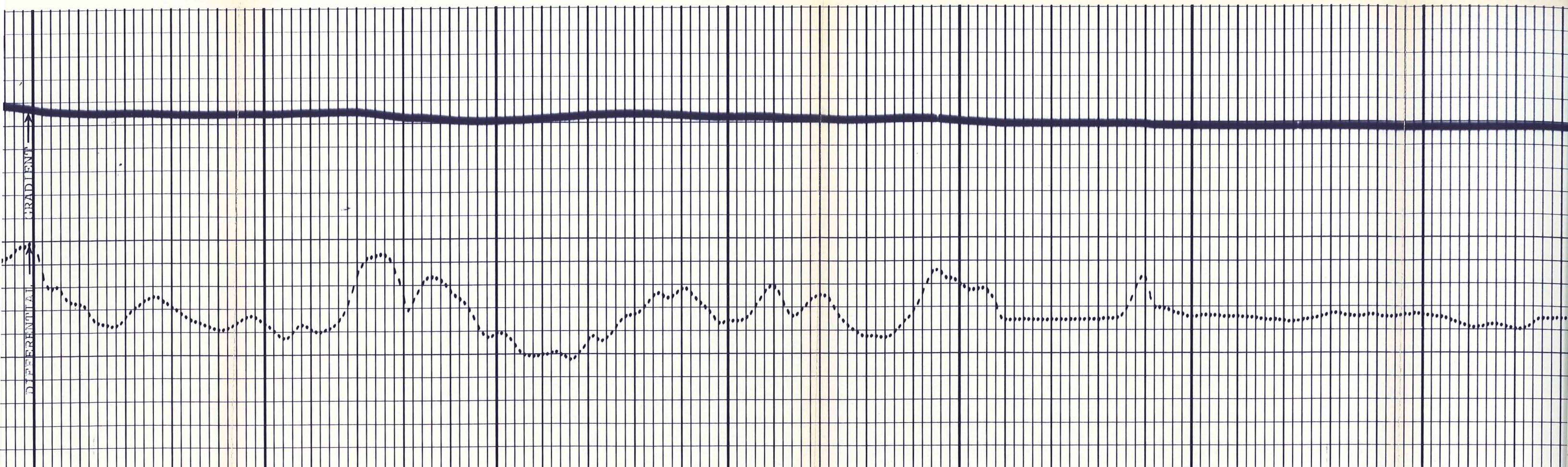
TEMPERATURE - °F



3700



DIFFERENTIAL GRADIENT

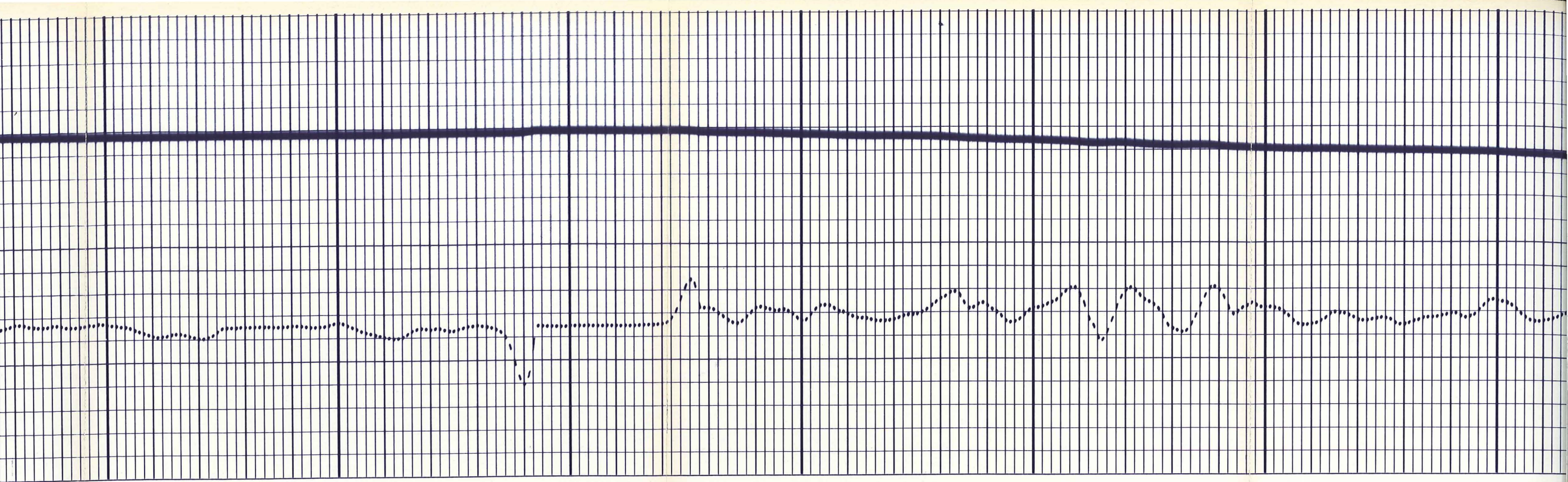


3700

3600

3500

3400

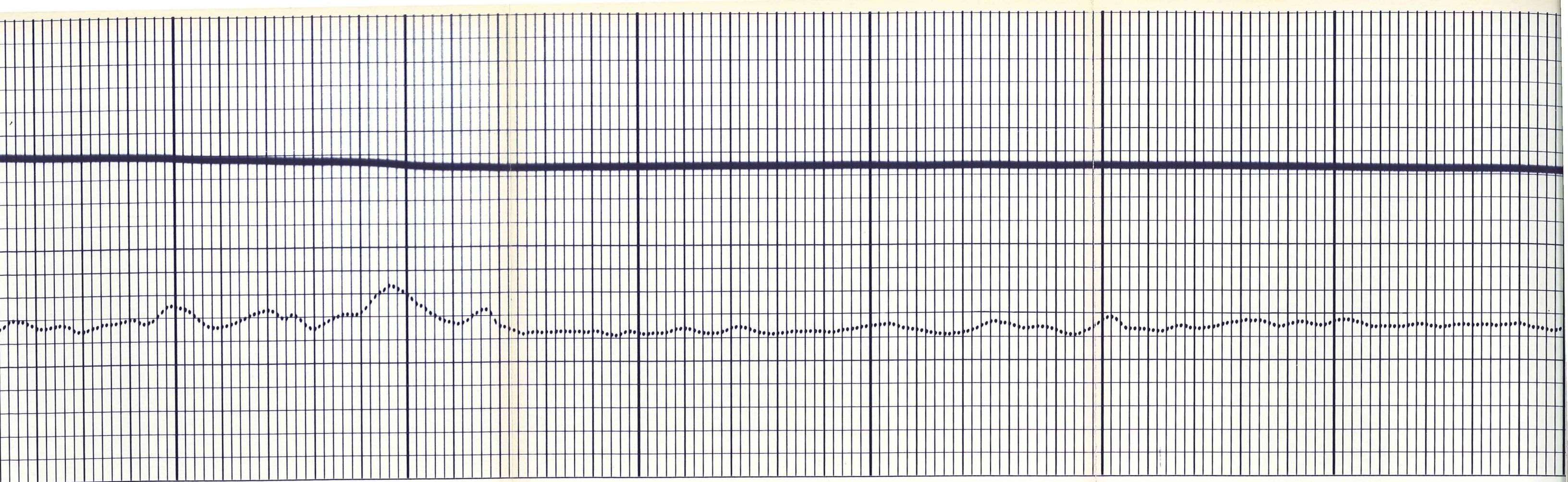


3400

3300

3200

3100

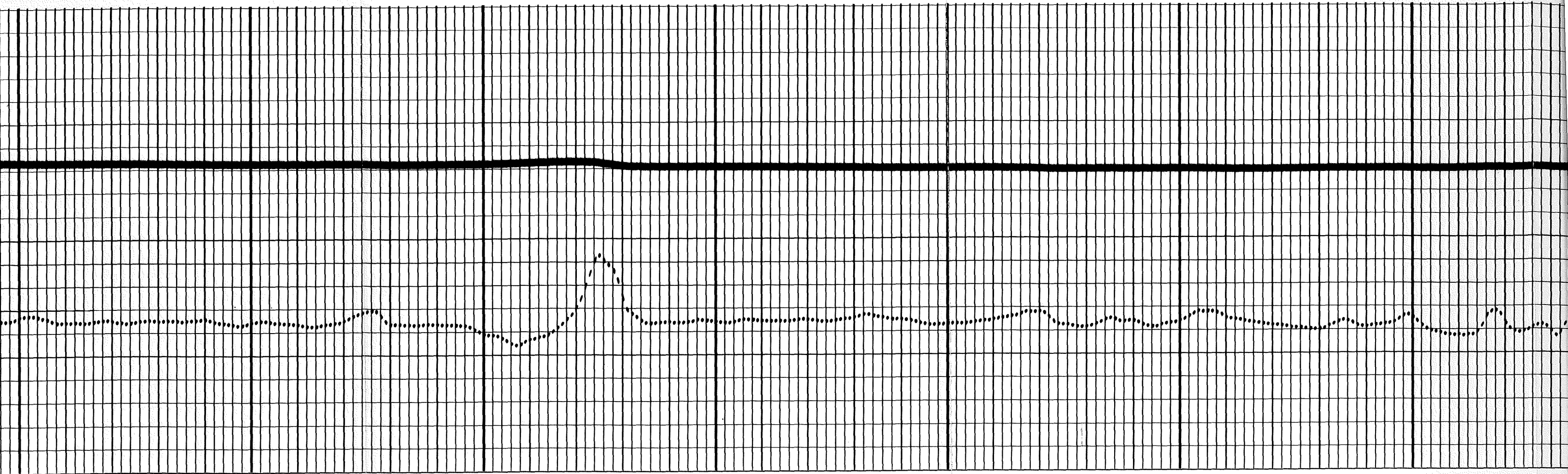


3100

3000

2900

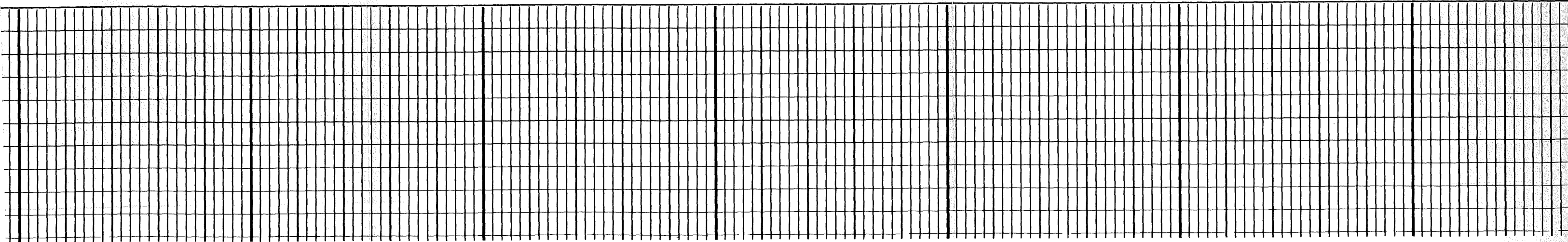
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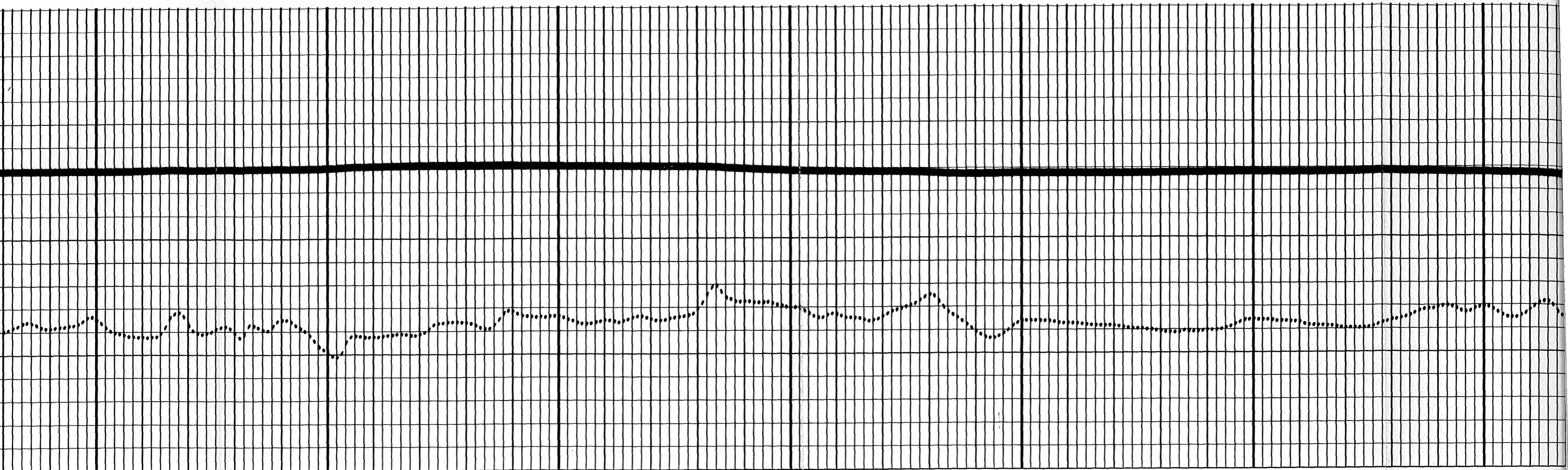


2800

2700

2600

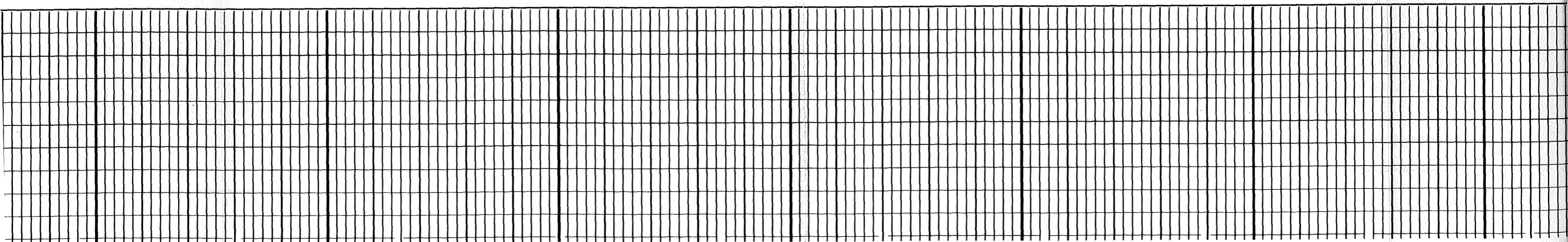


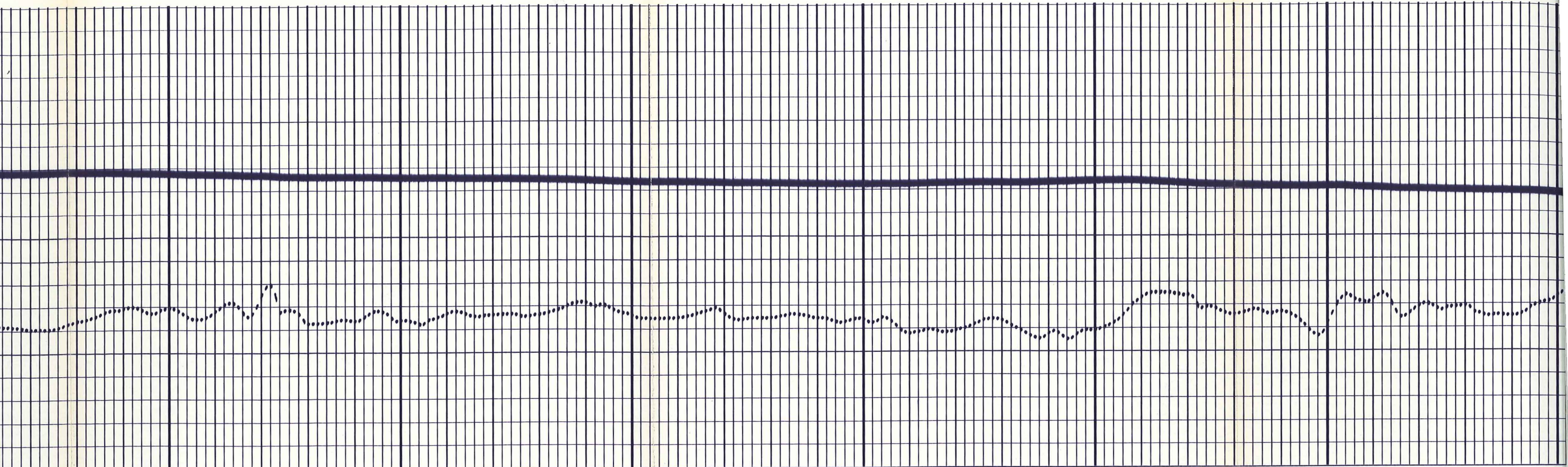


2500

2400

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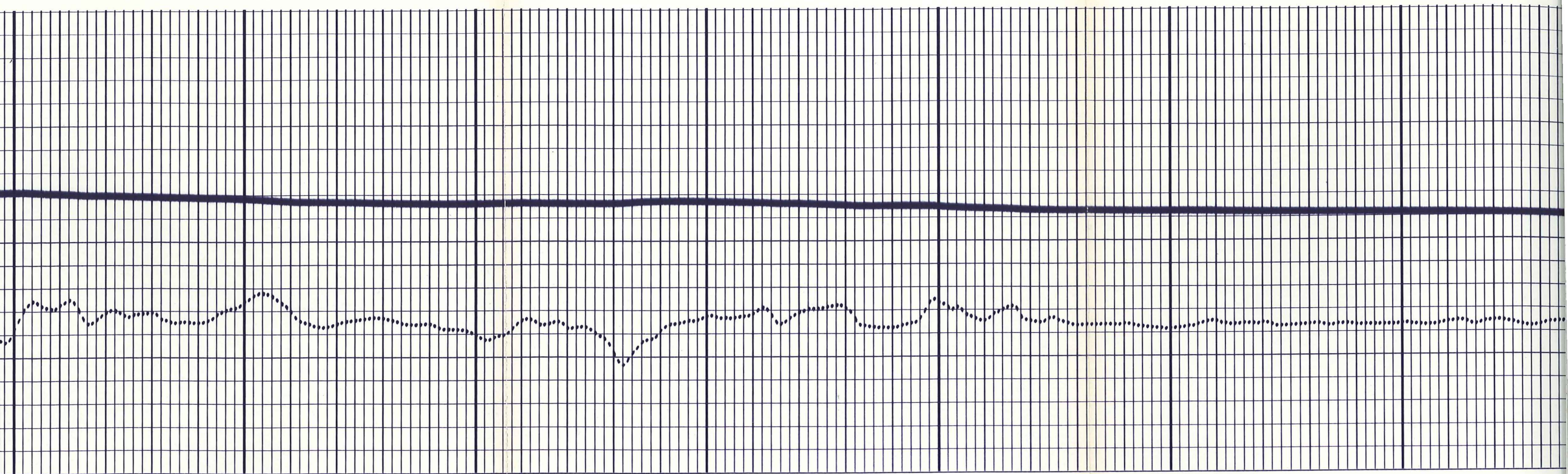




2200

2100

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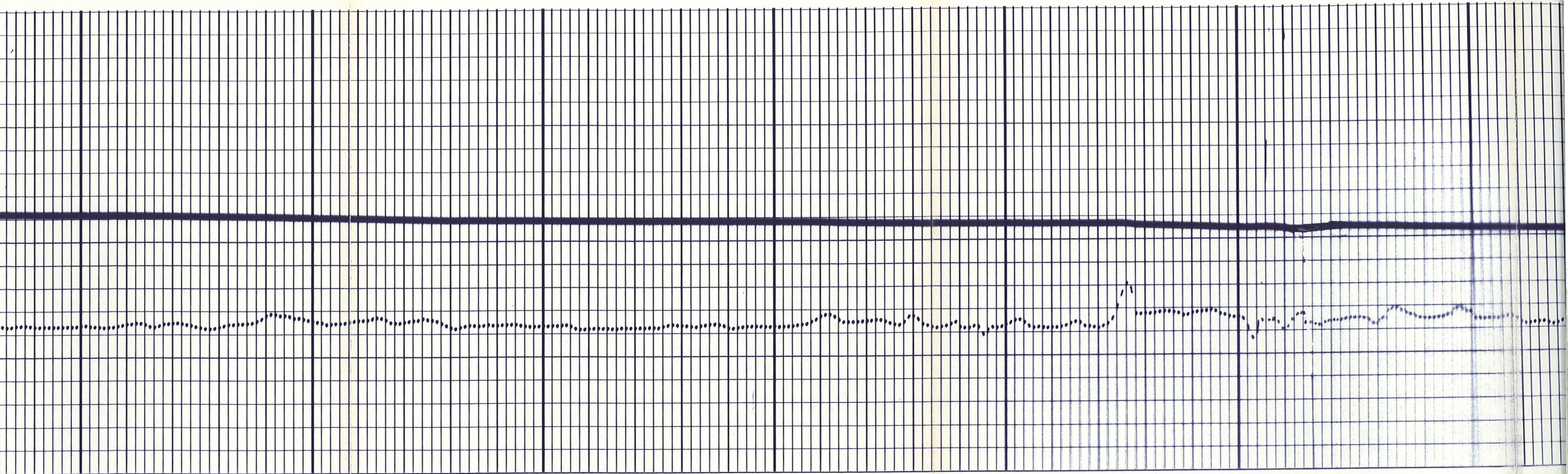


2000

1900

1800

1700

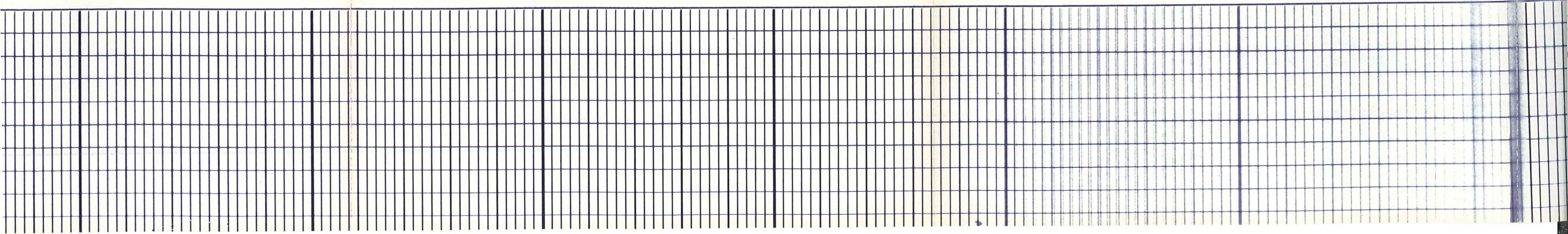


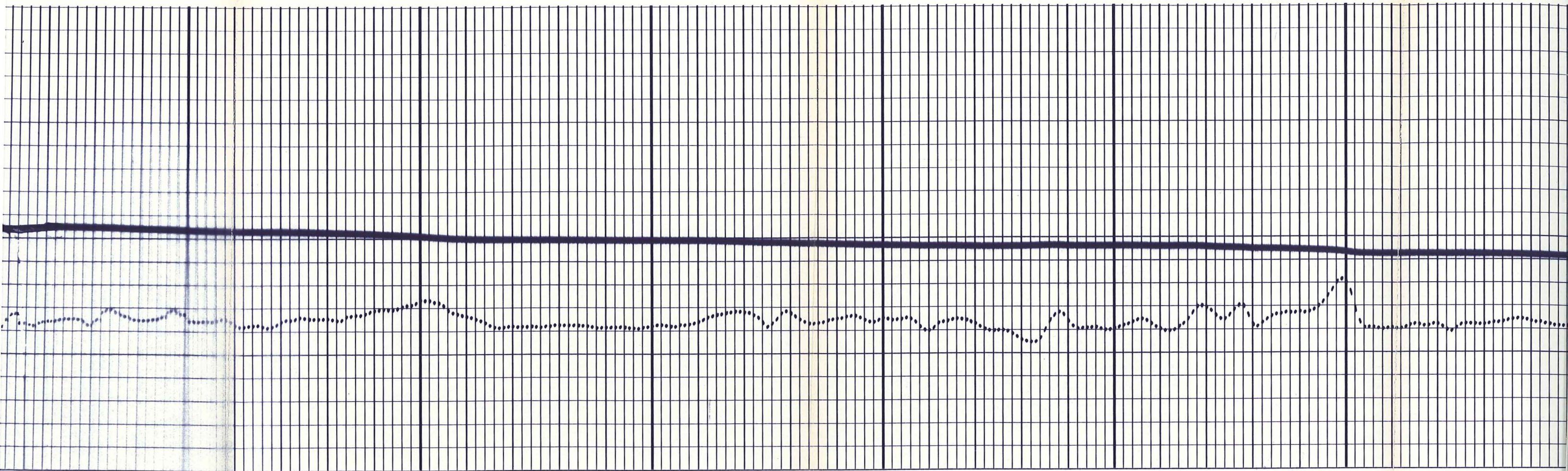
1700

1600

1500

1400

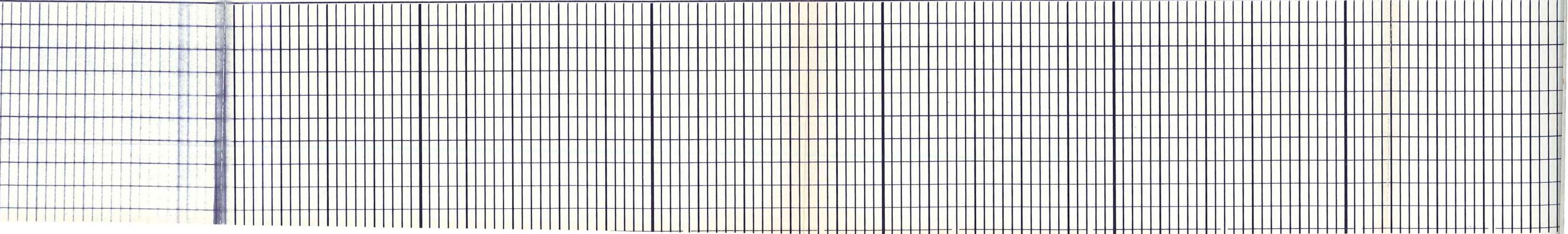


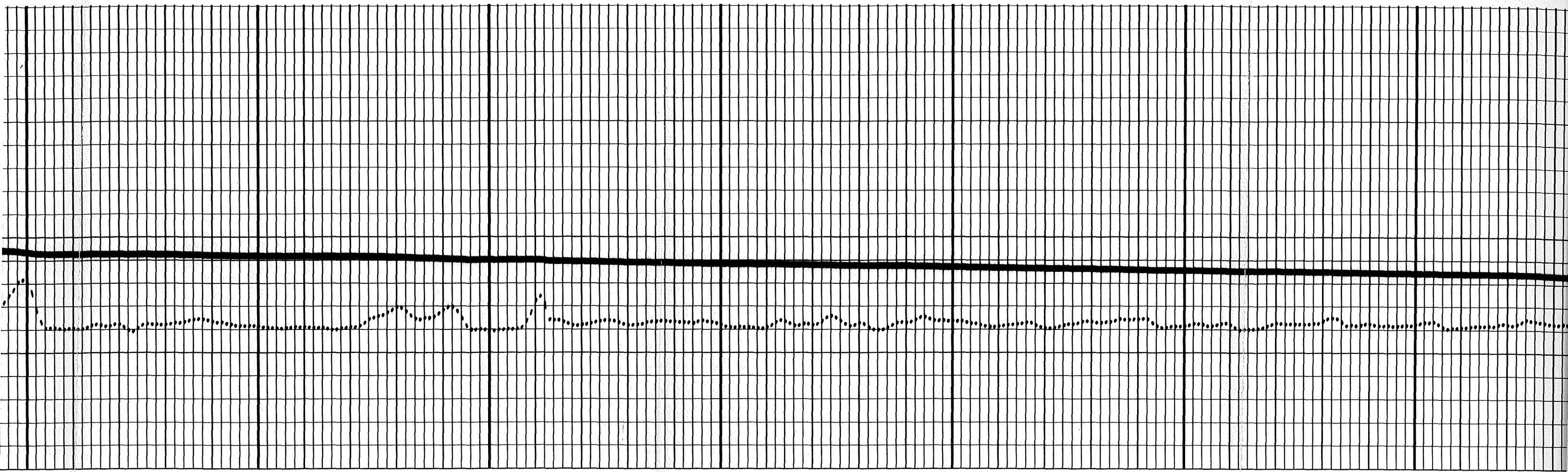


1400

1300

1200

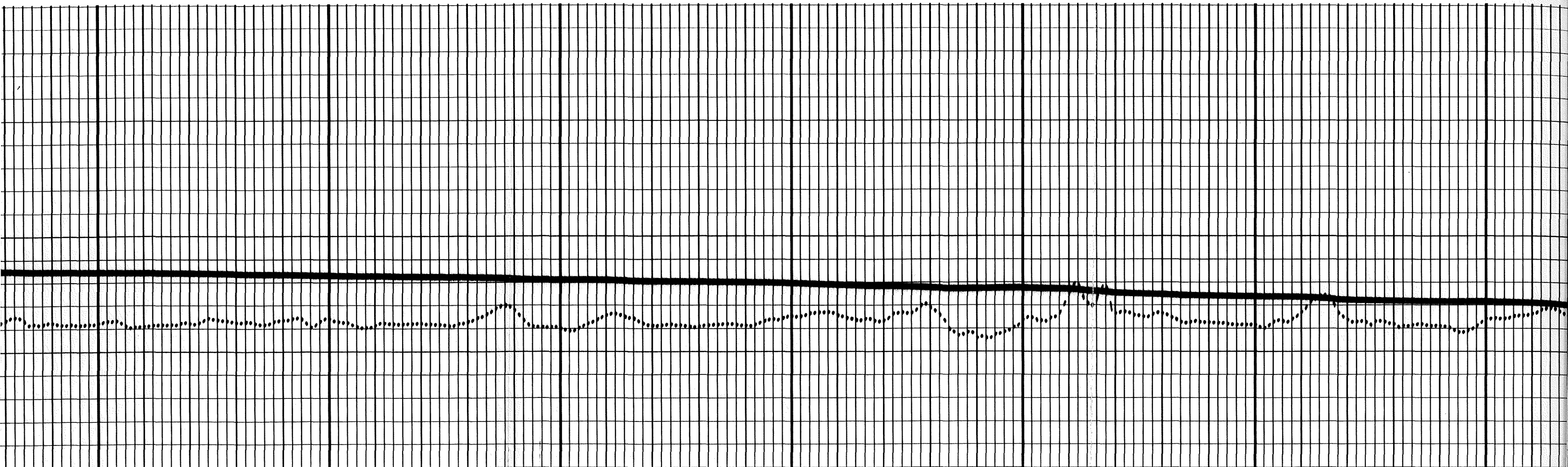




1100

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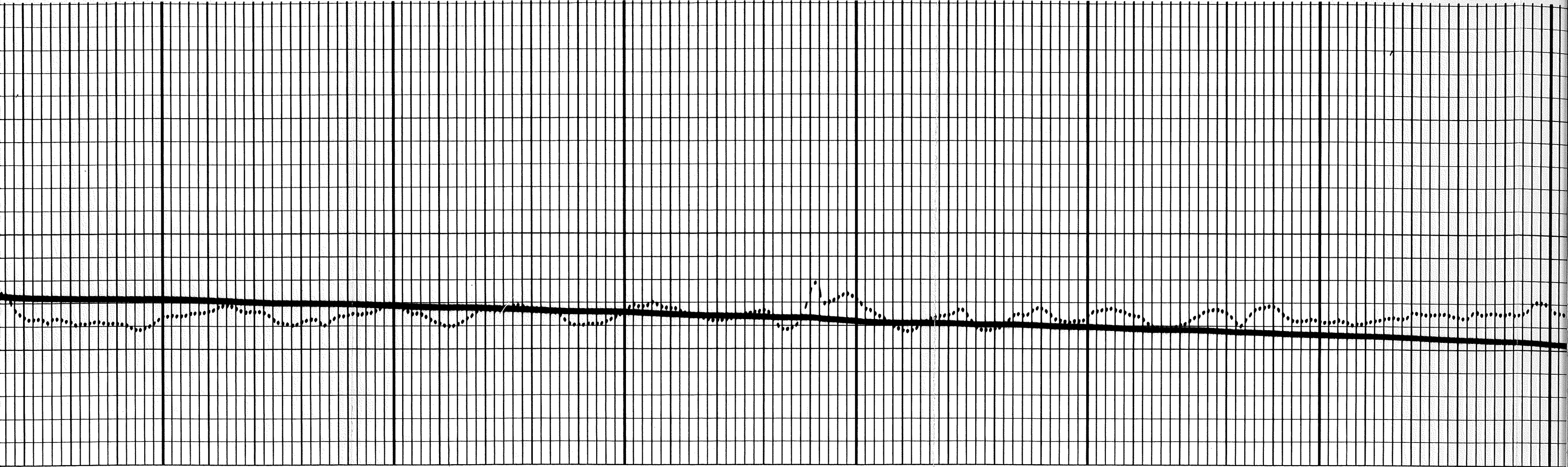
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800

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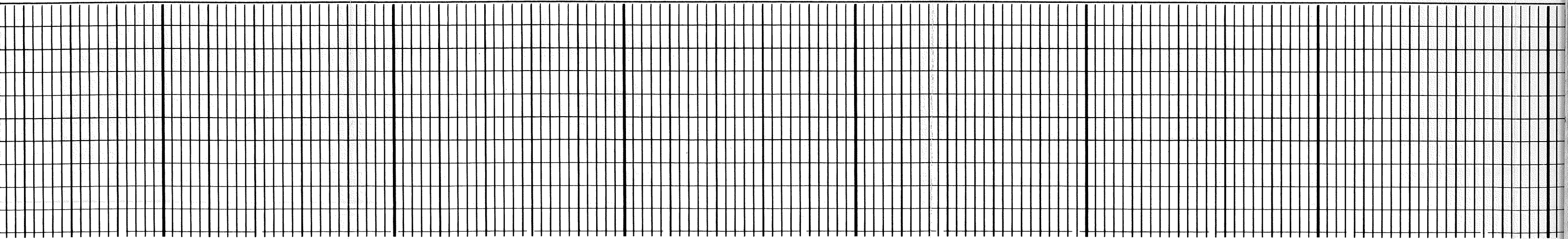
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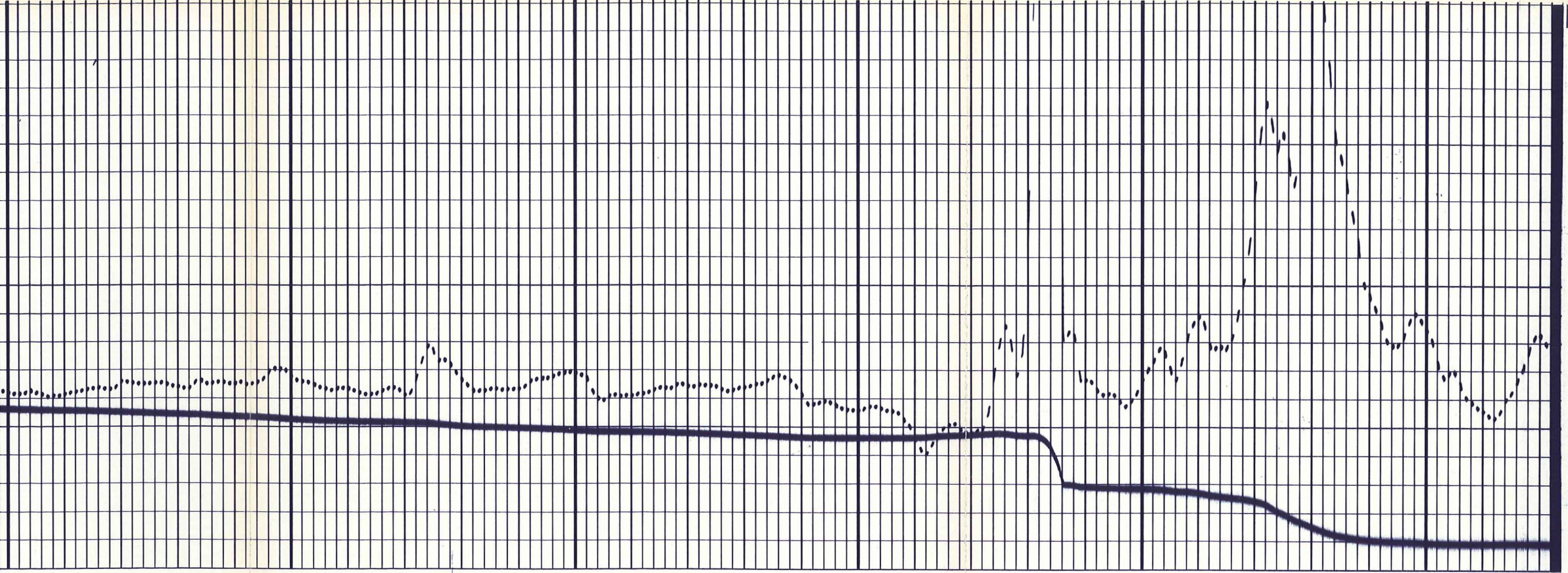


500

400

300





80 120 160 200 240

TEMPERATURE - °F

TEMPERATURE SURVEY

80 120 160 200 240

TEMPERATURE - °F

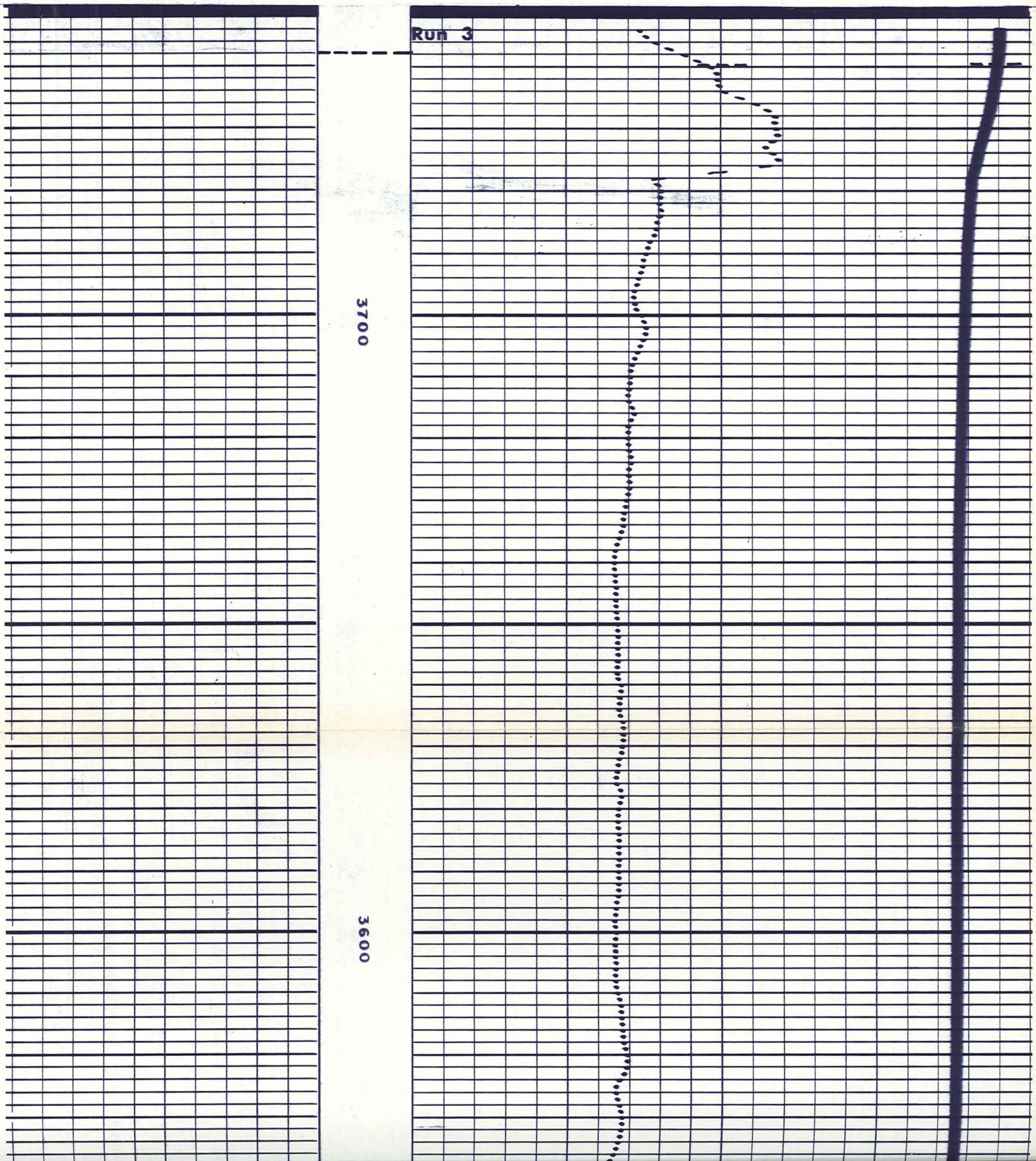
TEMPERATURE SURVEY

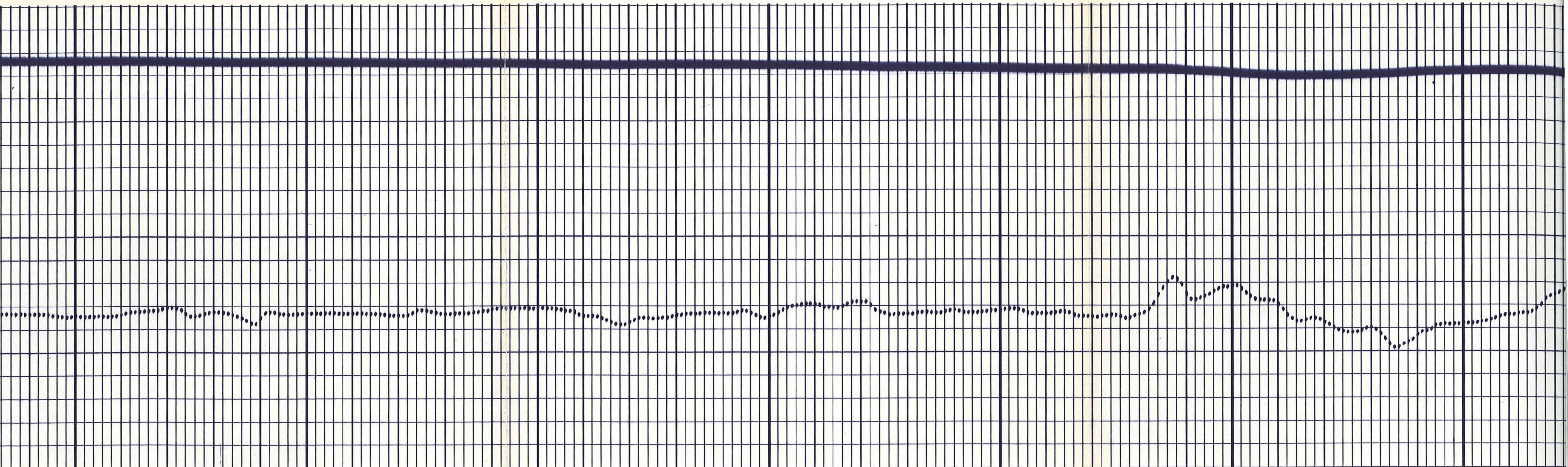
Company	E.G. & G. IDAHO INC.	Drillers T.D.	3743
Well	RRGP-5	Log F.R.	3740
Field	RAFT RIVER GEOTHERMAL	Log T.D.	3742
County	CASSIA	Elevations:	
State	IDAHO	K.B. 5002	D.F. G.L. 4988

TEMPERATURE SURVEY

TEMPERATURE - °F

80 120 160 200 240



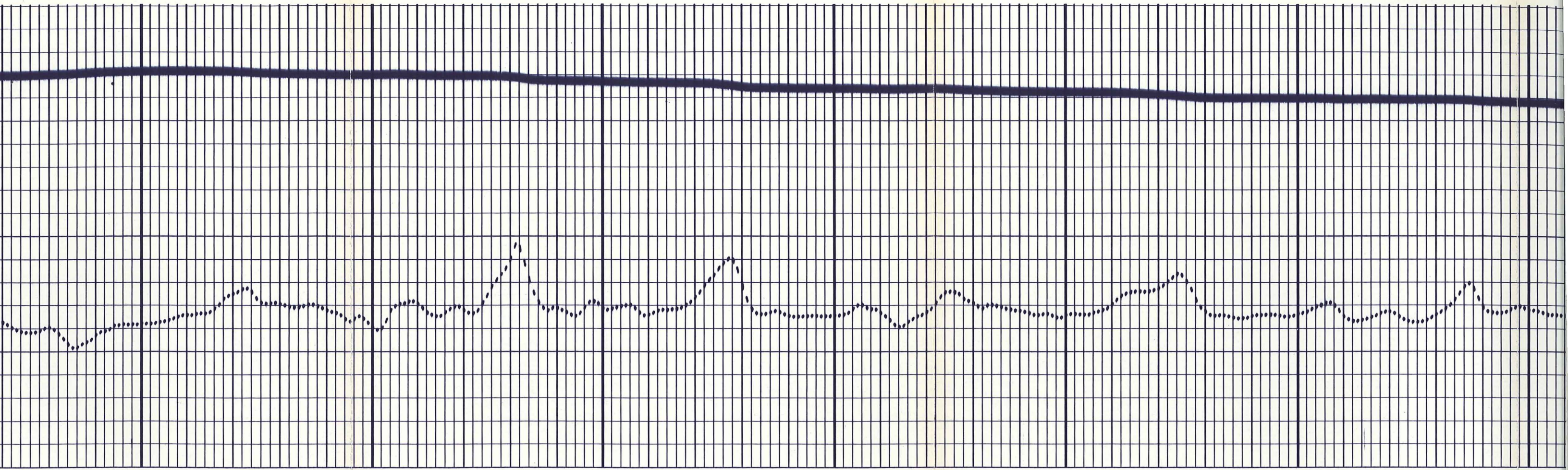


3600

3500

3400

3300

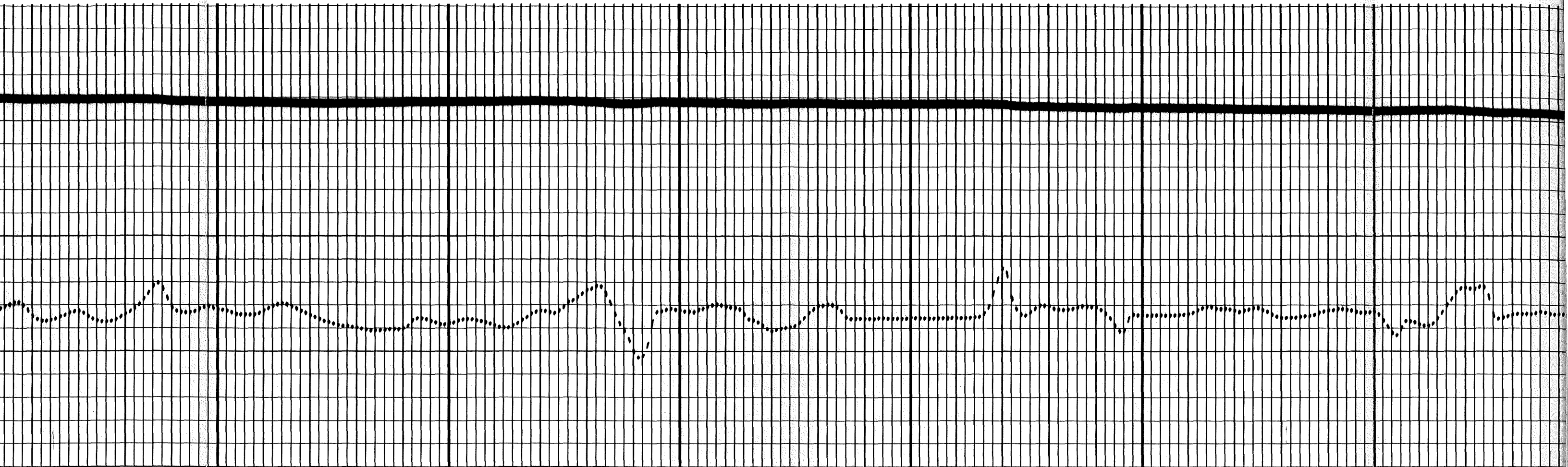


3300

3200

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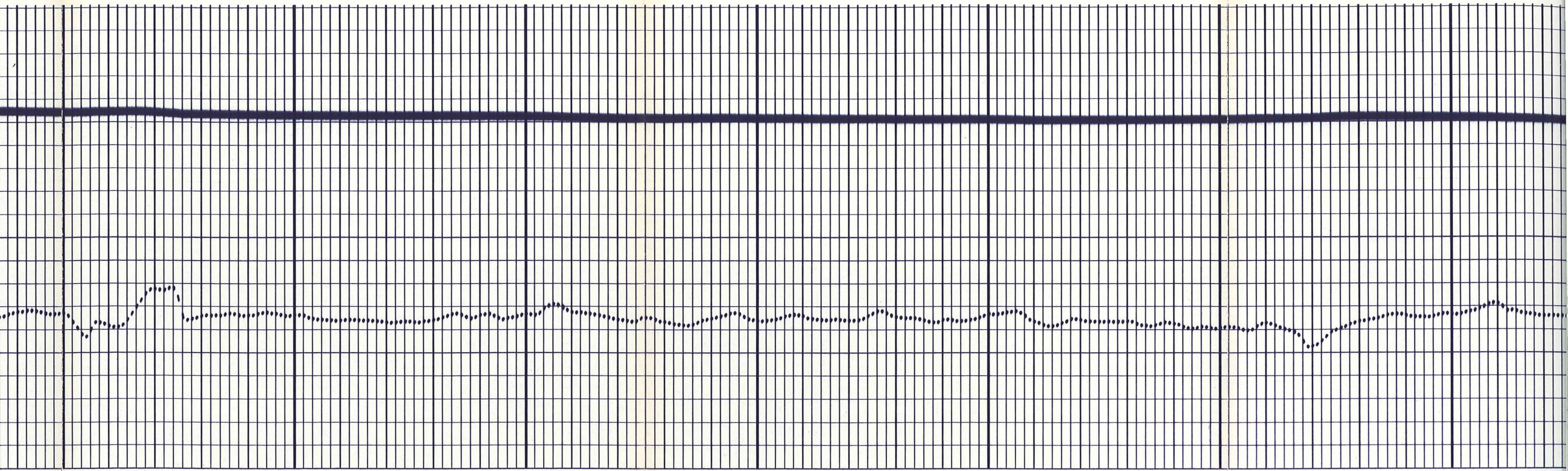
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3000

2900

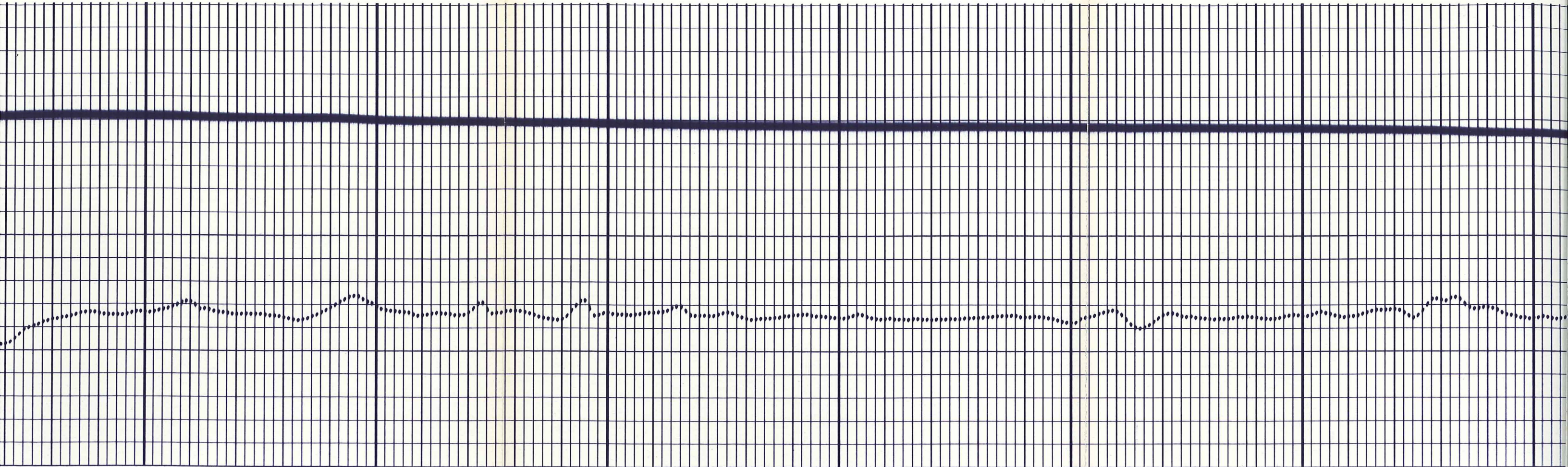
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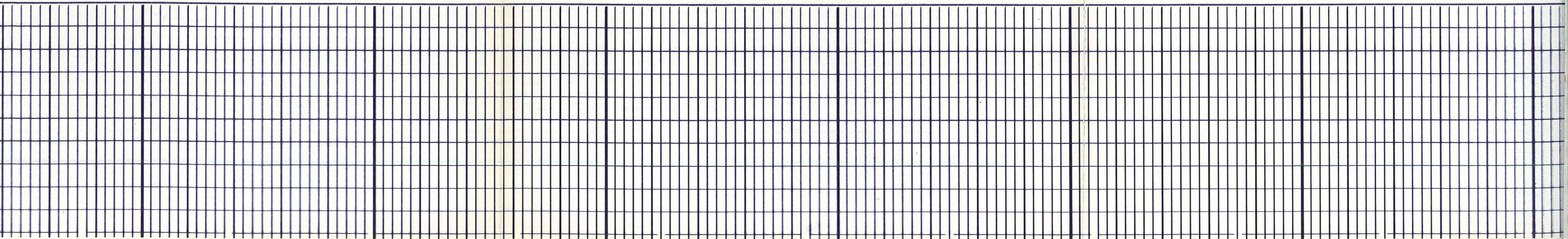
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2400

2300

2200



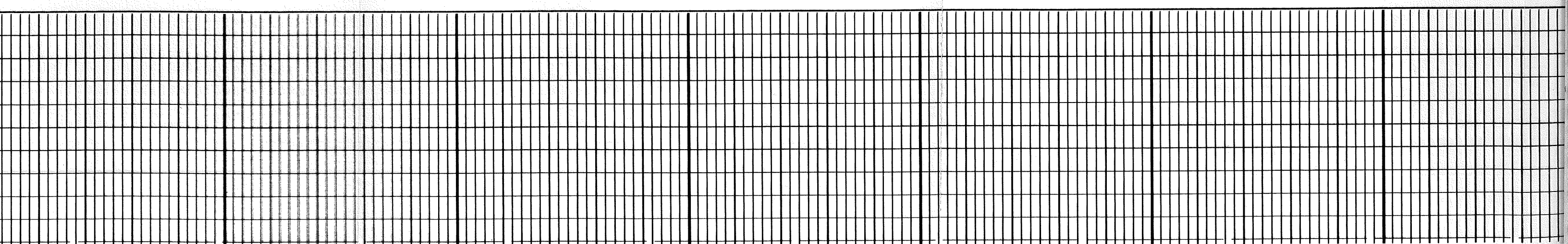


DO

2100

2000

1900



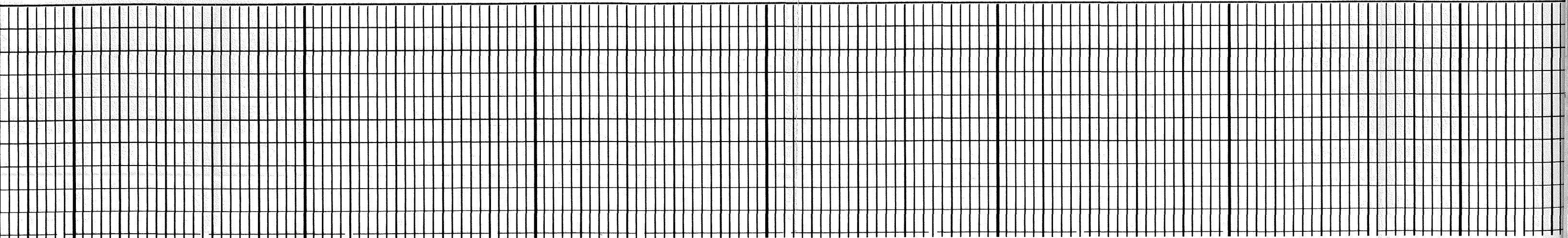


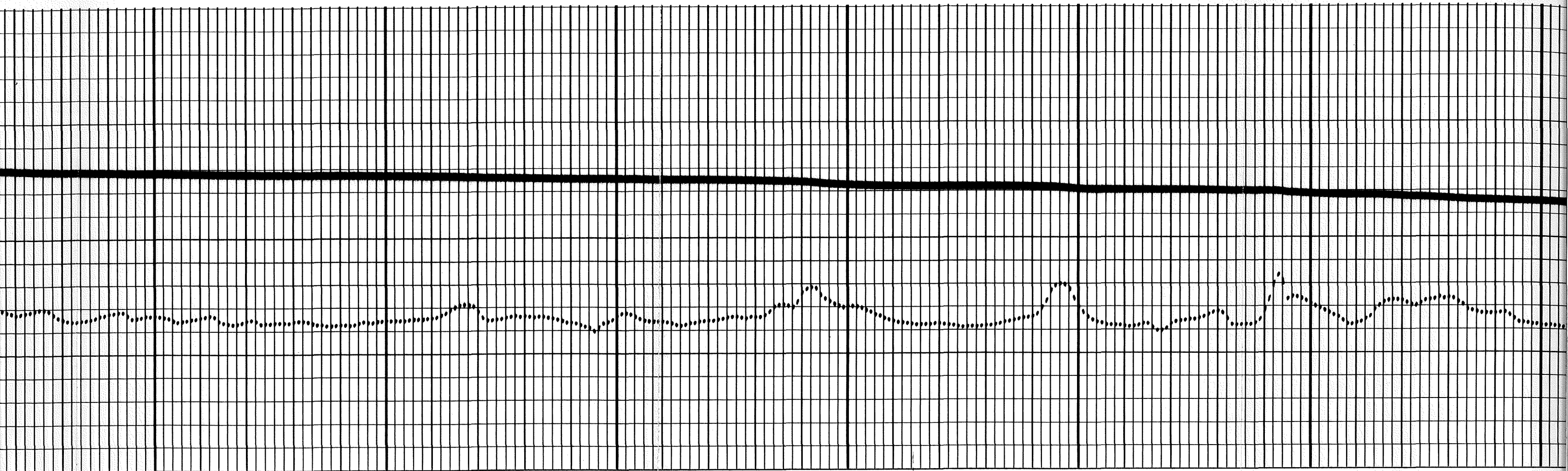
1900

1800

1700

1600





1600

1500

1400

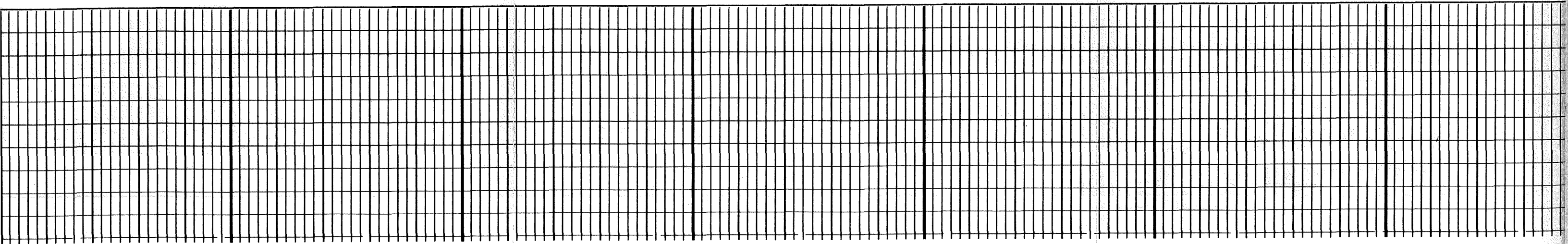
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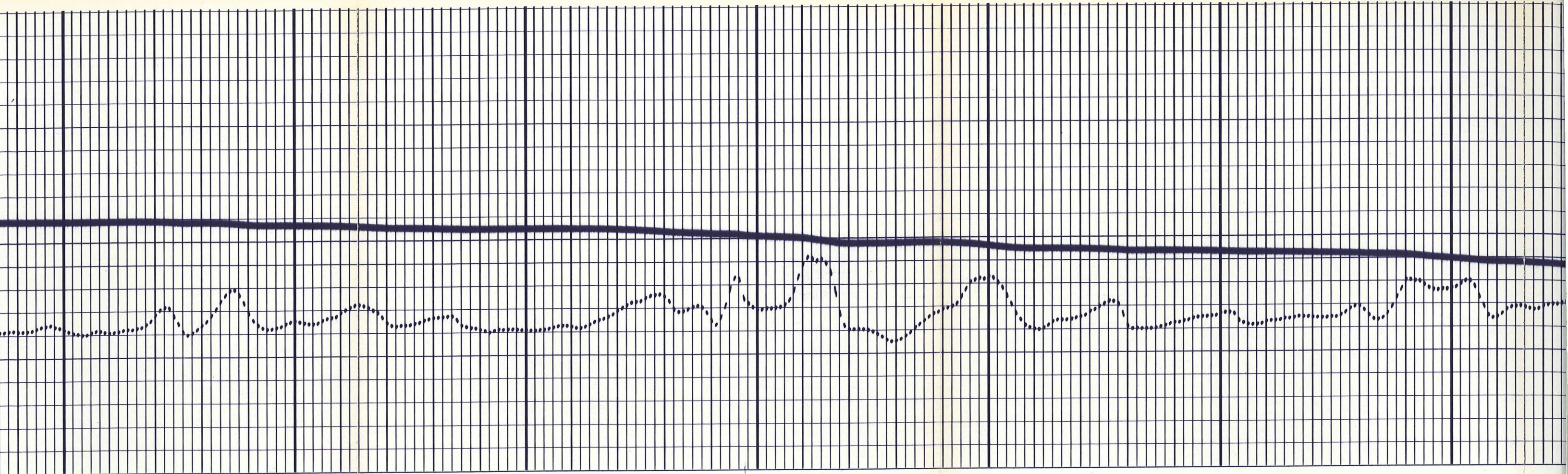


1300

1200

1100

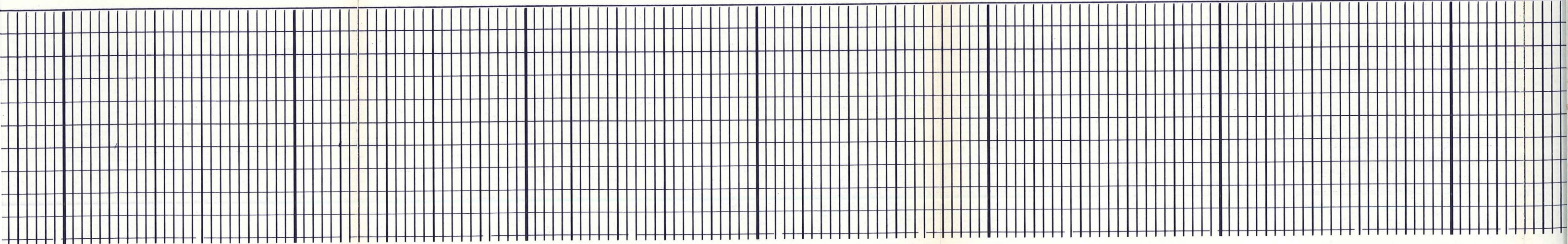


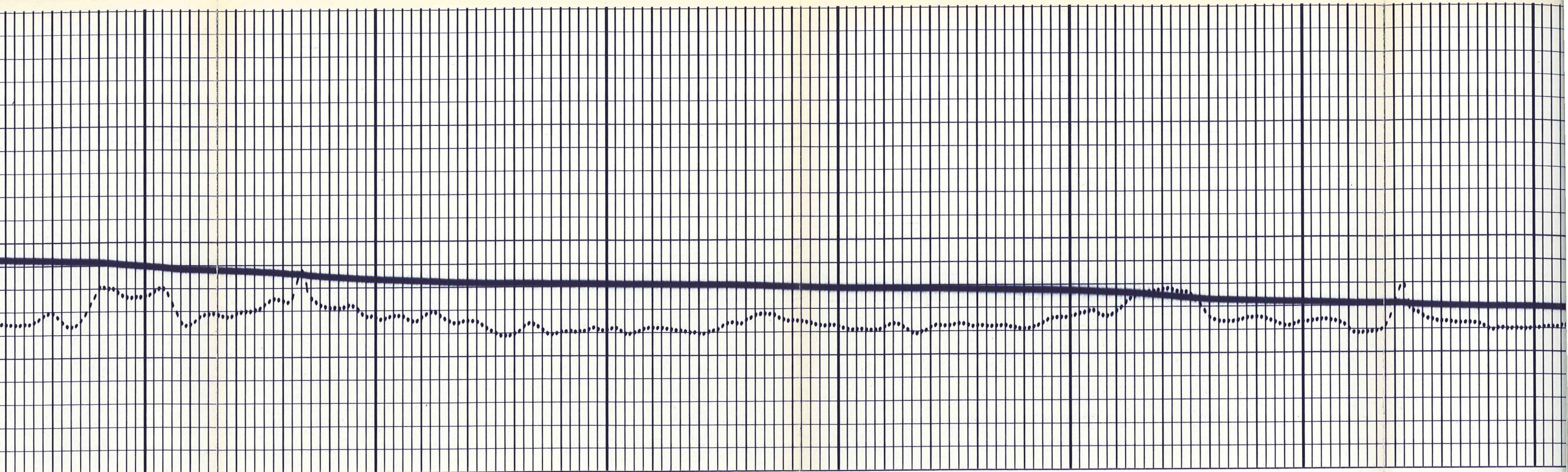


1000

900

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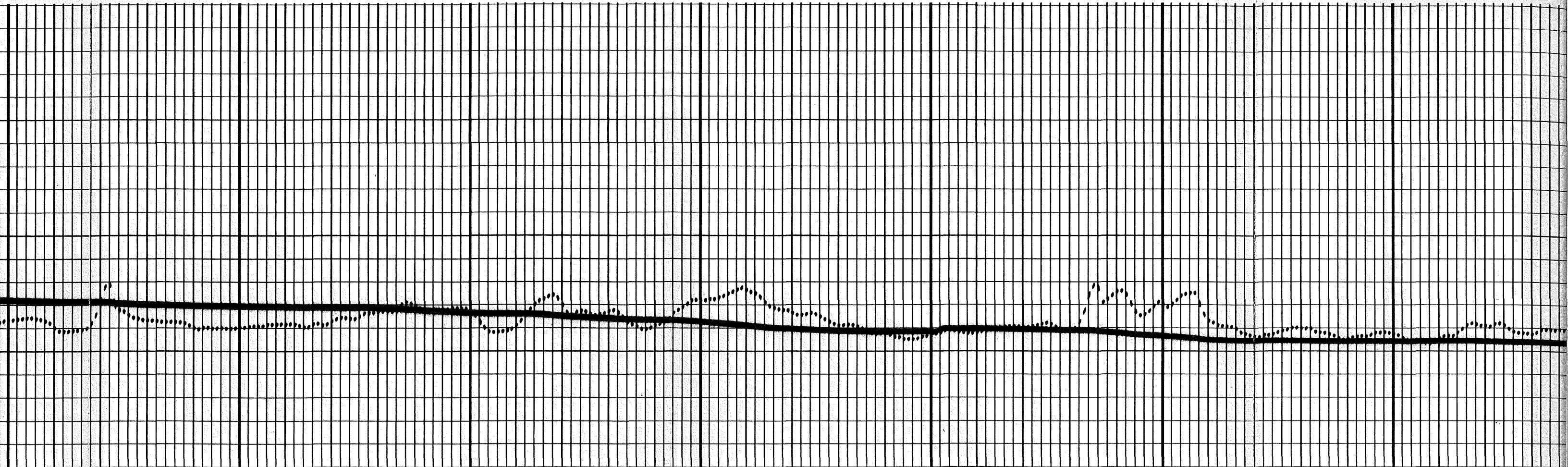




700

600

500

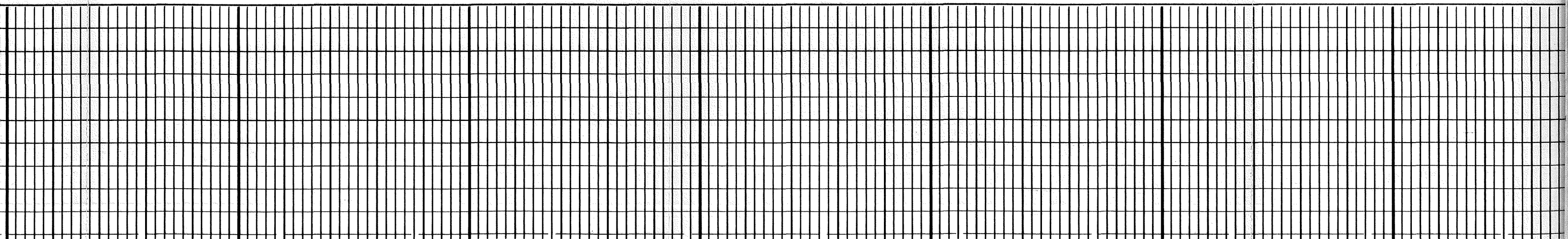


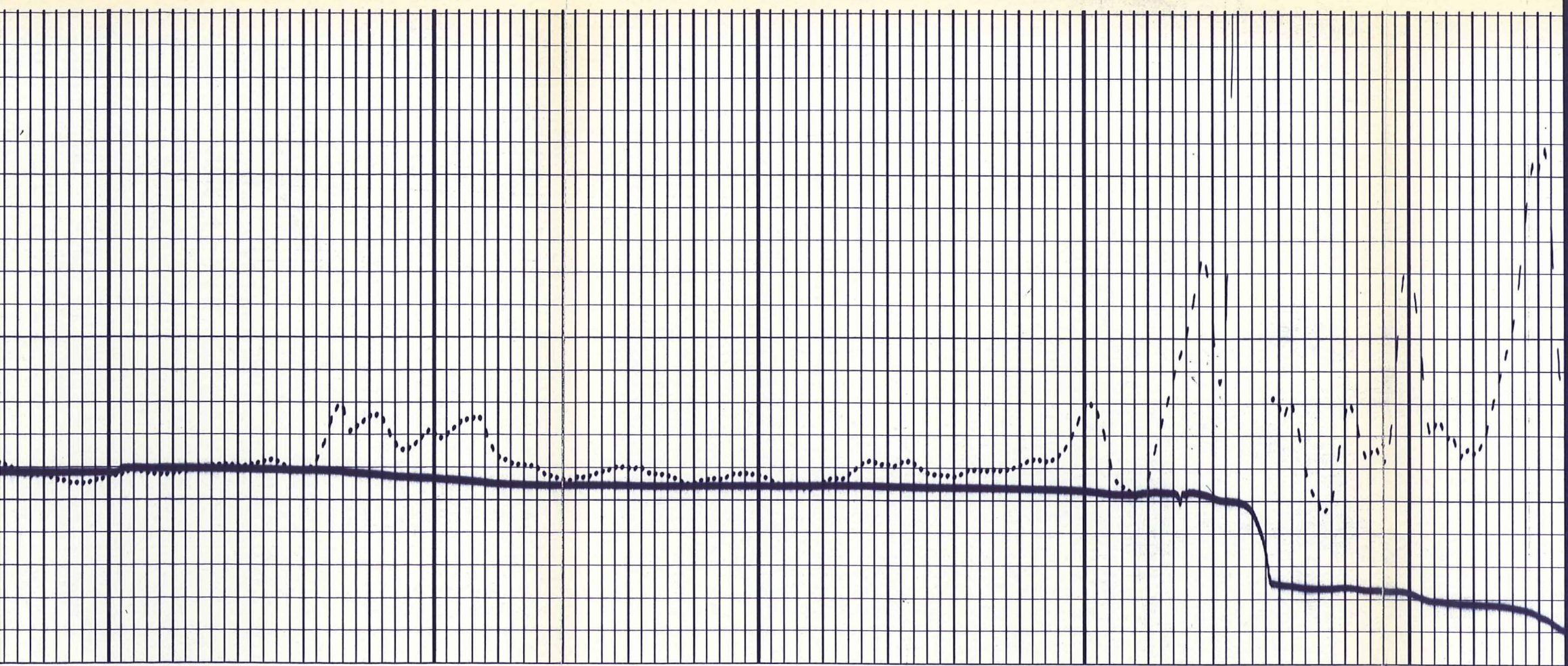
500

400

300

200





300

200

100



Division of Dresser Industries, Inc.



FILE_CAB_15_DRAWER_2