

SCHLUMBERGER

FOUR-ARM
HIGH RESOLUTION
CONTINUOUS DIPMETER
COMPUTED

PROVINCE YUKON TERRITORIES
FIELD WILDCAT
WELL INC HUSKY AMOCO
BLACKFLY YT M55
COMPANY INTERNATIONAL NUCLEAR
CORPORATION

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FIELD WILDCAT
PROVINCE YUKON TERRITORIES
LOCATION 65° 54' 55" NORTH LAT
140° 25' 55" WEST LONG
Permanent Datum GL Elev. 2460
Log Measured From KB 17 Ft. Above Perm. Datum
Drilling Measured From _____
ELEV: KB 2477
GL 2460
GRT _____

Date	27 MAR 70
Run No.	ONE
Depth Chiller	6790
Depth Logger	6630
Bottom Logger	6623
Top Log Interval	1692
Coring Driller	1690
Coring Logger	1692
Bit Size	8 3/4"
Type Fluid in Hole	WATER
Dens.	
Visc.	
pH	
Fluid Loss	
Source of Sample	
Rm @ Meas. Temp.	13.6
Rmf @ Meas. Temp.	82
Rmc @ Meas. Temp.	
Source Rmf	
Rmc	
Rm @ BHT	
Rmc	
Time Since Circ.	
Max. Rec. Temp.	122
Equipment	HDI
Truck No.	F829
Location	DAWSON CREEK
Recorded By	CHADDOCK
Witnessed By	TURNER

FOLD HERE THIS HEADING AND LOG CONFORMS TO API RP 31

Run No.	Tool Type	HDM No.	HDE No.	HDP No.	HDS No.	DPI No.	DDR No.	Computed By	Correlation Interval	Step	Search
ONE	HDI	F772	C760	C750	D787	F27	C756	EMR 6050			

REMARKS
1st Run Service Order # 46826
Magnetic Declination 33° E

"Any directional computations made from the dipmeter must be regarded as approximate only. This is because the dipmeter log indicates the orientation of the instrument itself, rather than the direction and amount of the wall drift. Therefore, we do not and cannot guarantee the accuracy of such directional computations, and we shall not be liable nor responsible for any loss, costs, damages or expenses incurred or sustained that may result from any such computations."

TABLE OF VERTICAL DISPLACEMENT IN FEET CORRESPONDING TO VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF				VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF			
DIP ANGLES (degrees)	100'	1000'	1 mile (5280')	DIP ANGLES (degrees)	100'	1000'	1 mile (5280')
1	1.75	1.75	92.2	19	34.4	344.	1818.
2	3.5	35.	184.	20	36.4	364.	1922.
3	5.2	52.	277.	21	38.4	3841	2027.
4	7.0	70.	369.	22	40.4	404.	2133.
5	8.8	88.	462.	23	42.5	425.	2241.

VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF			
DIP ANGLES (degrees)	100'	1000'	1 mile (5280')
1	1.75	1.75	92.2
2	3.5	35.	184.
3	5.2	52.	277.
4	7.0	70.	369.
5	8.8	88.	462.
6	10.5	105.	555.
7	12.3	123.	648.
8	14.1	141.	742.
9	15.8	158.	836.
10	17.6	176.	931.
11	19.4	194.	1026.
12	21.3	213.	1122.
13	23.1	231.	1219.
14	24.9	249.	1316.
15	26.8	268.	1415.
16	28.7	287.	1514.
17	30.6	306.	1614.
18	32.5	325.	1716.

VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF			
DIP ANGLES (degrees)	100'	1000'	1 mile (5280')
19	34.4	344.	1818.
20	36.4	364.	1922.
21	38.4	384.	2027.
22	40.4	404.	2133.
23	42.5	425.	2241.
24	44.5	445.	2351.
25	46.6	466.	2462.
26	57.7	577.	3048.
27	70.0	700.	3697.
40	83.9	839.	4430.
45	100.0	1000.	5280.
50	119.2	1192.	6293.
55	142.8	1428.	7540.
60	173.2	1732.	9145.
65	214.4	2144.	11323.
70	274.8	2748.	14507.
75	373.2	3732.	19705.
80	567.1	5671.	29945.

To obtain vertical displacements corresponding to multiples of hundreds feet, thousands of feet or miles, multiply the number found in the table by the number of hundreds, thousands or miles.

Example: The formation dip is 16 degrees. The vertical displacement occurring at a spot 660 feet away from the well is desired. The table shows 28.7 feet per 100 feet for 16° dip. Therefore $28.7 \times 6.60 = 189.42$, or 189. feet.



GRAPHIC PRESENTATION

CORRELATION RATING:

- GOOD
- FAIR
- ✕ POOR

DEPTHS

TRUE DIP ANGLE

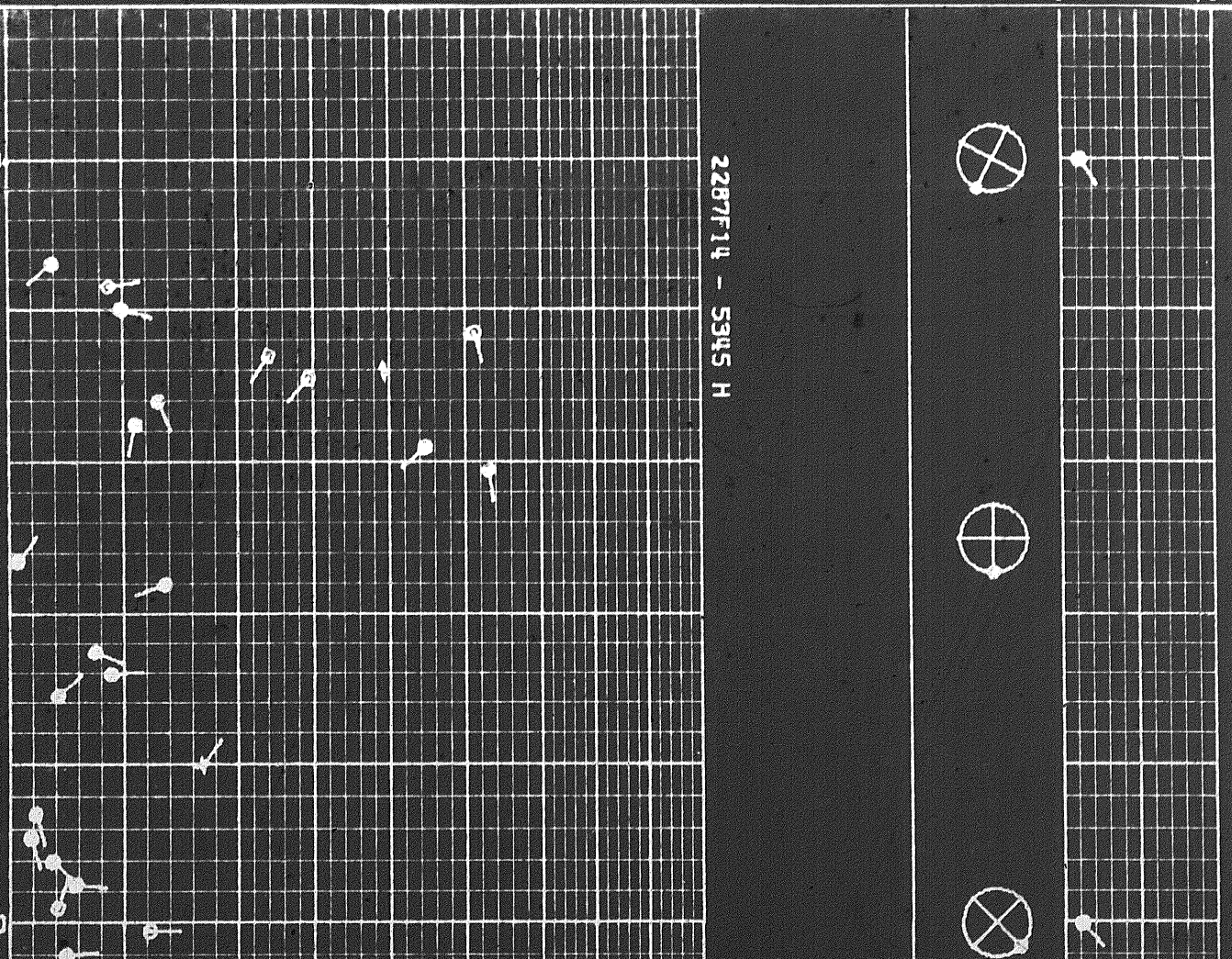
DRIFT & TRUE DRIFT DIRECTION OF SONDE

0° 10° 20° 30° 40° 50° 60° 70° 80° 90° 0° 10°

1700

2287F14 - 5345 H

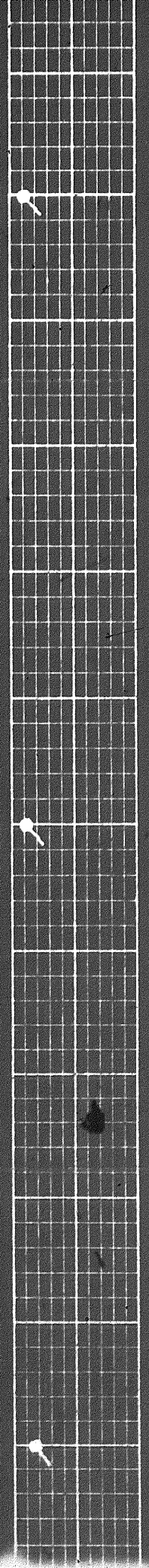
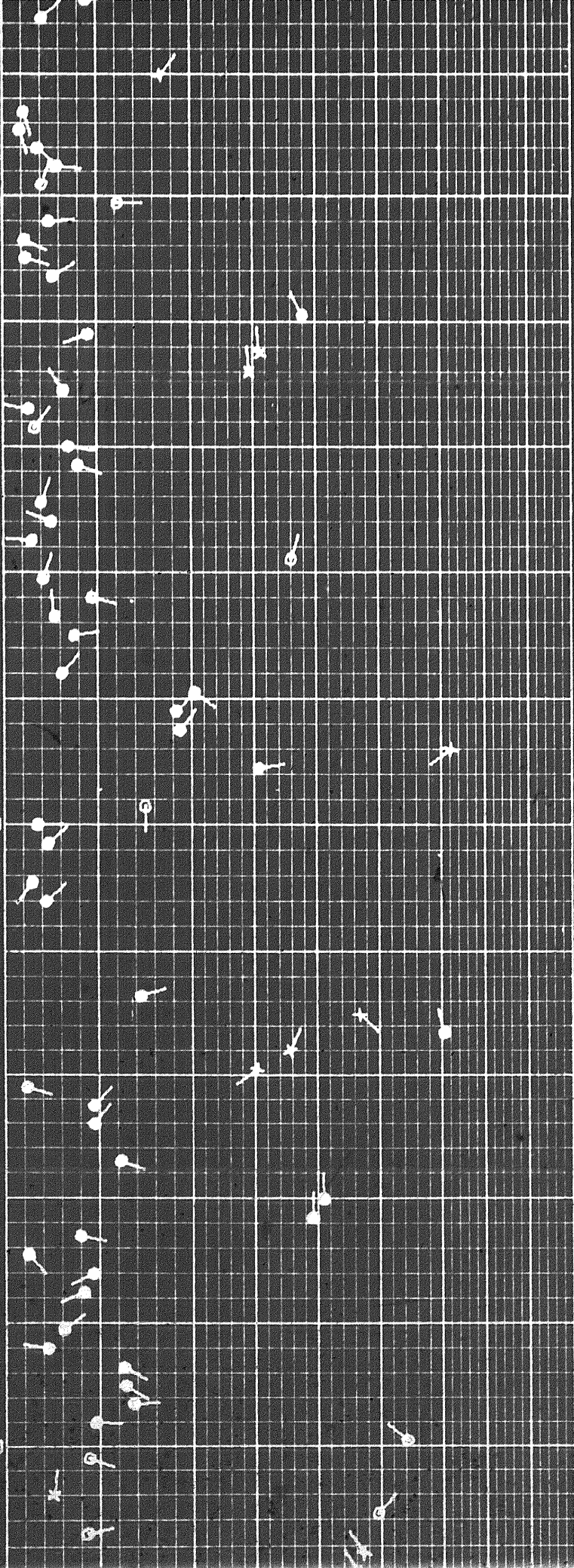
1800



1800

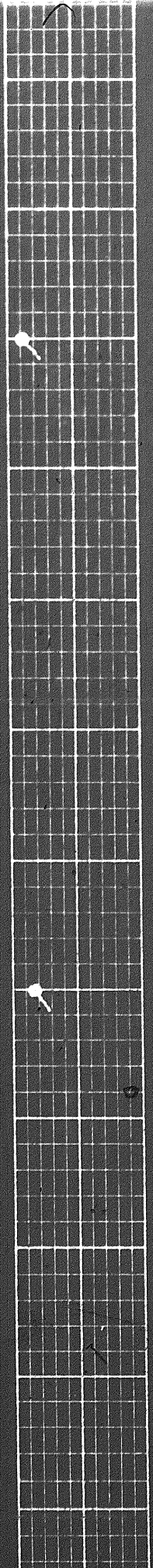
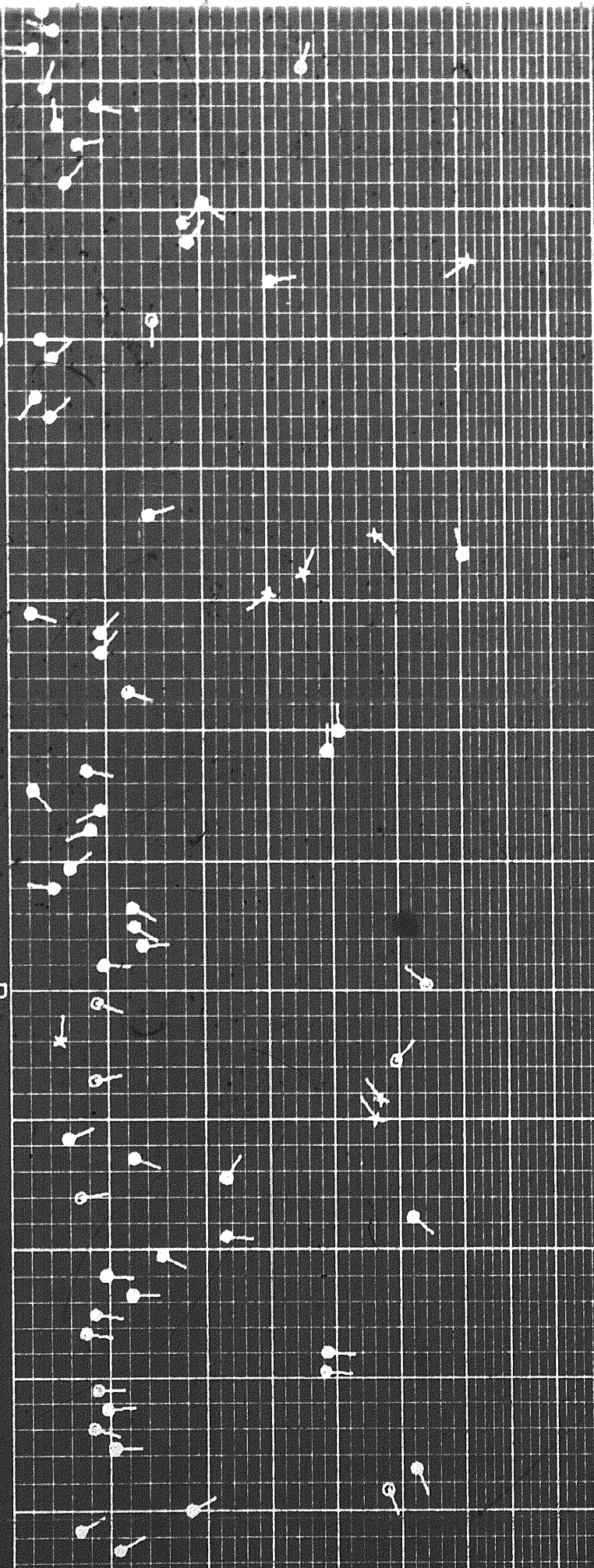
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2000



1900

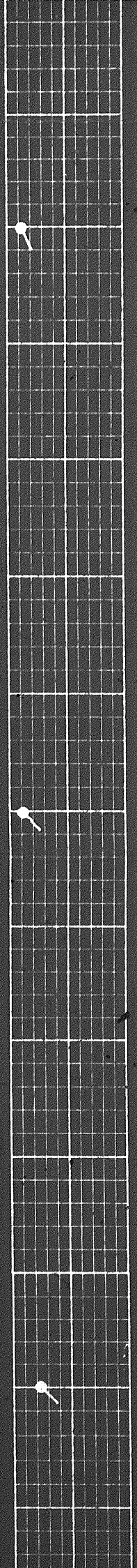
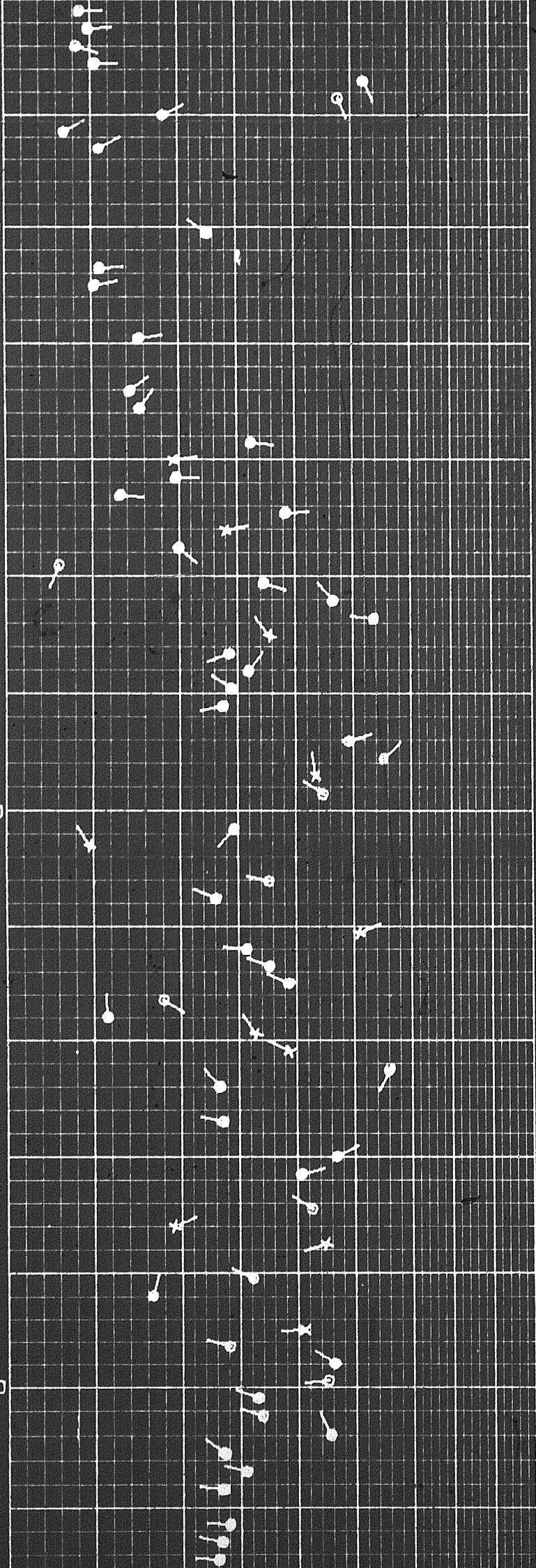
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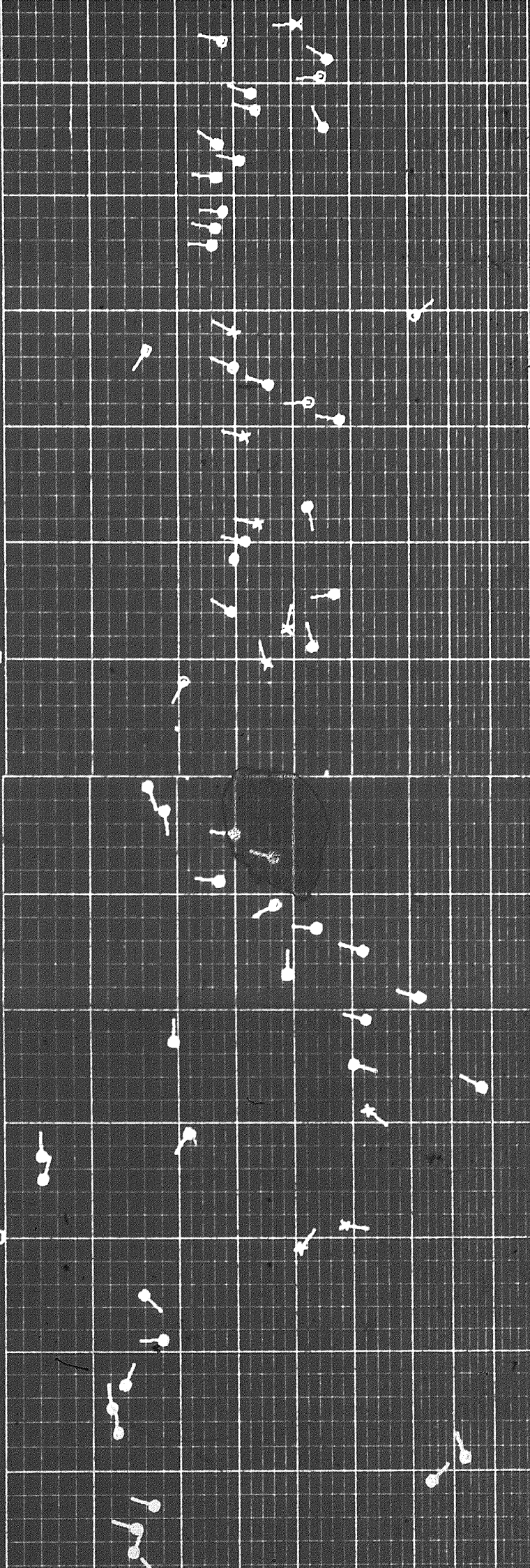
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2300

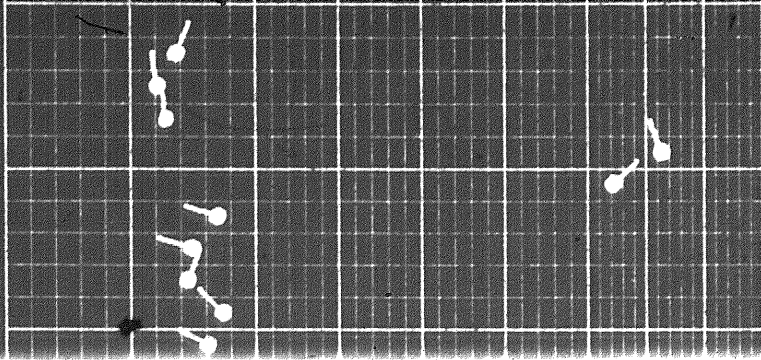
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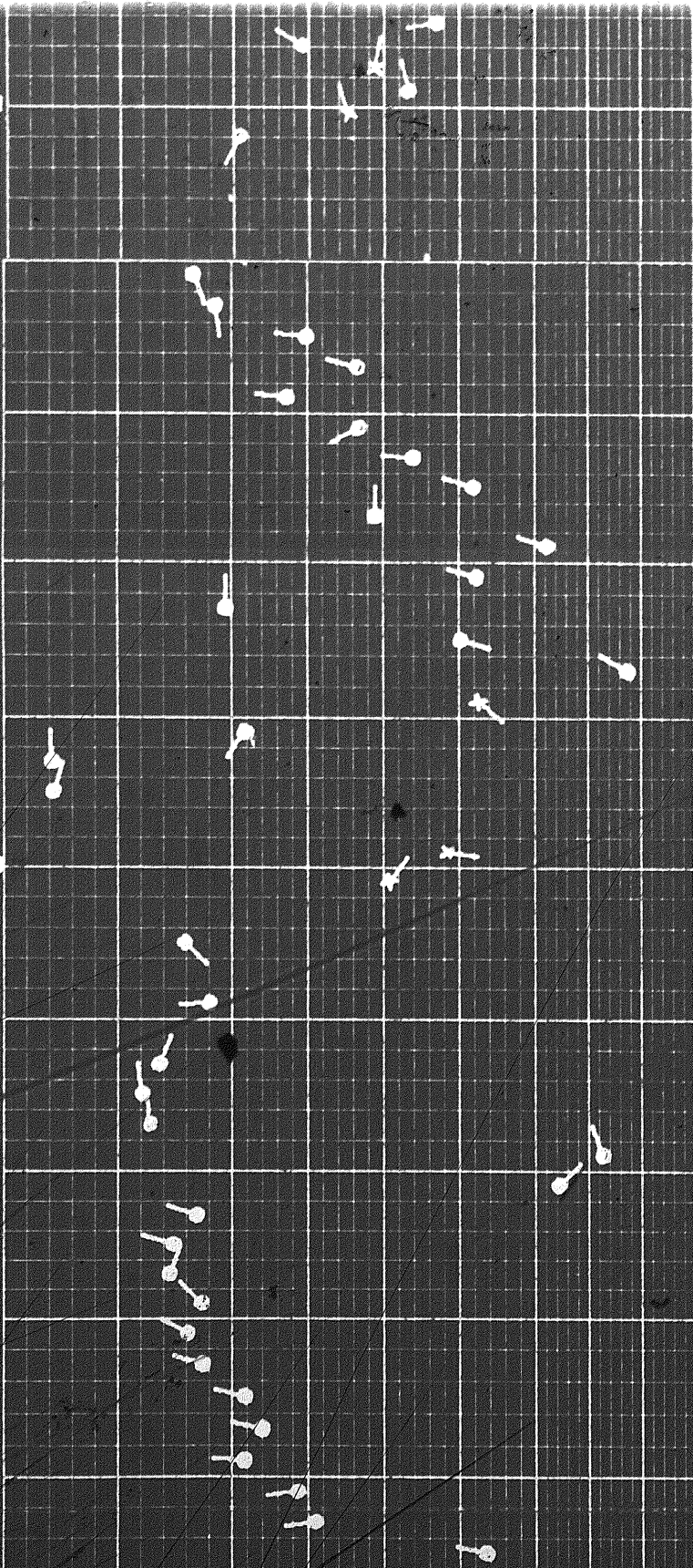


F11 8465H





2400



F11 8465H

2500



2600

2700

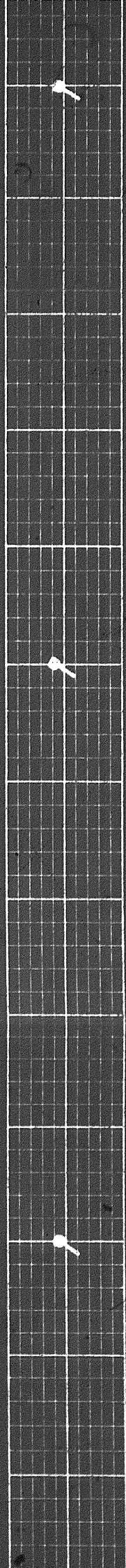
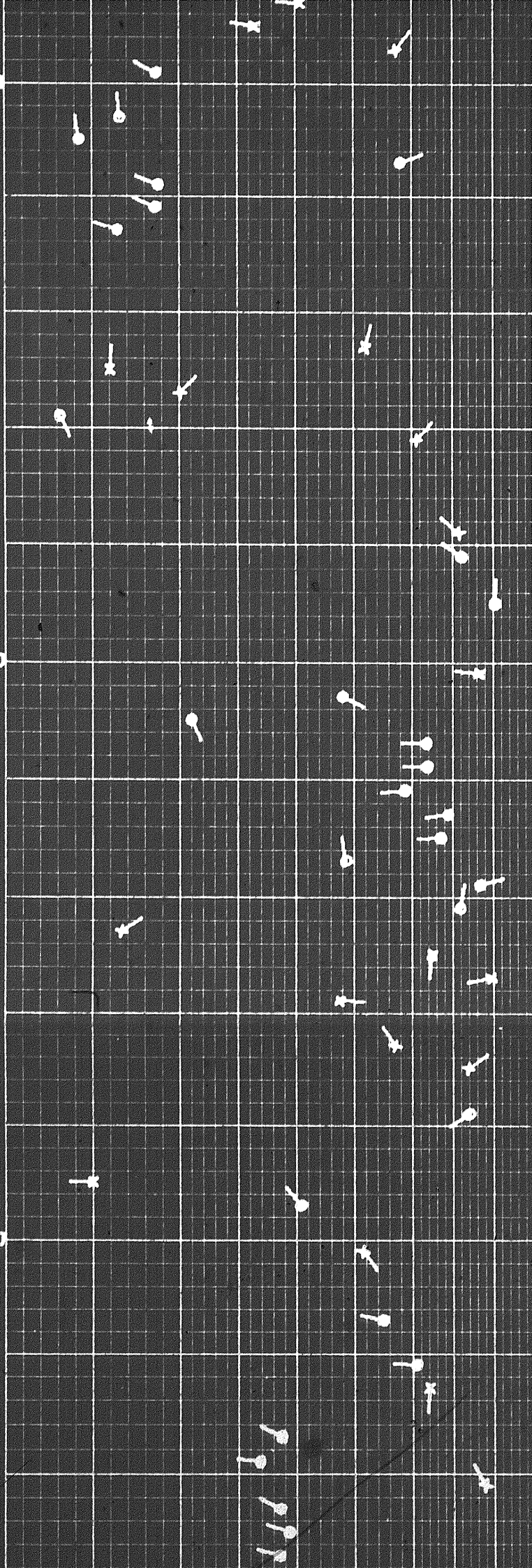
2800



2800

2900

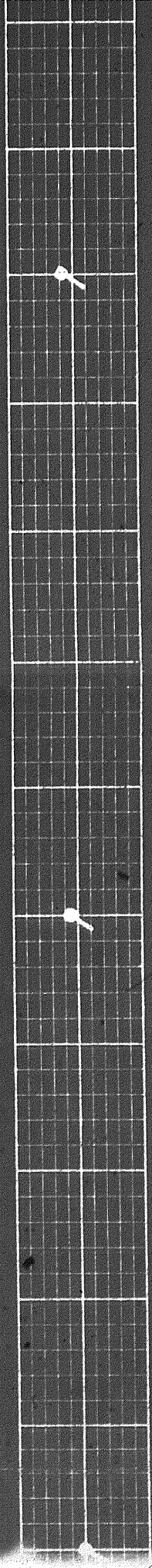
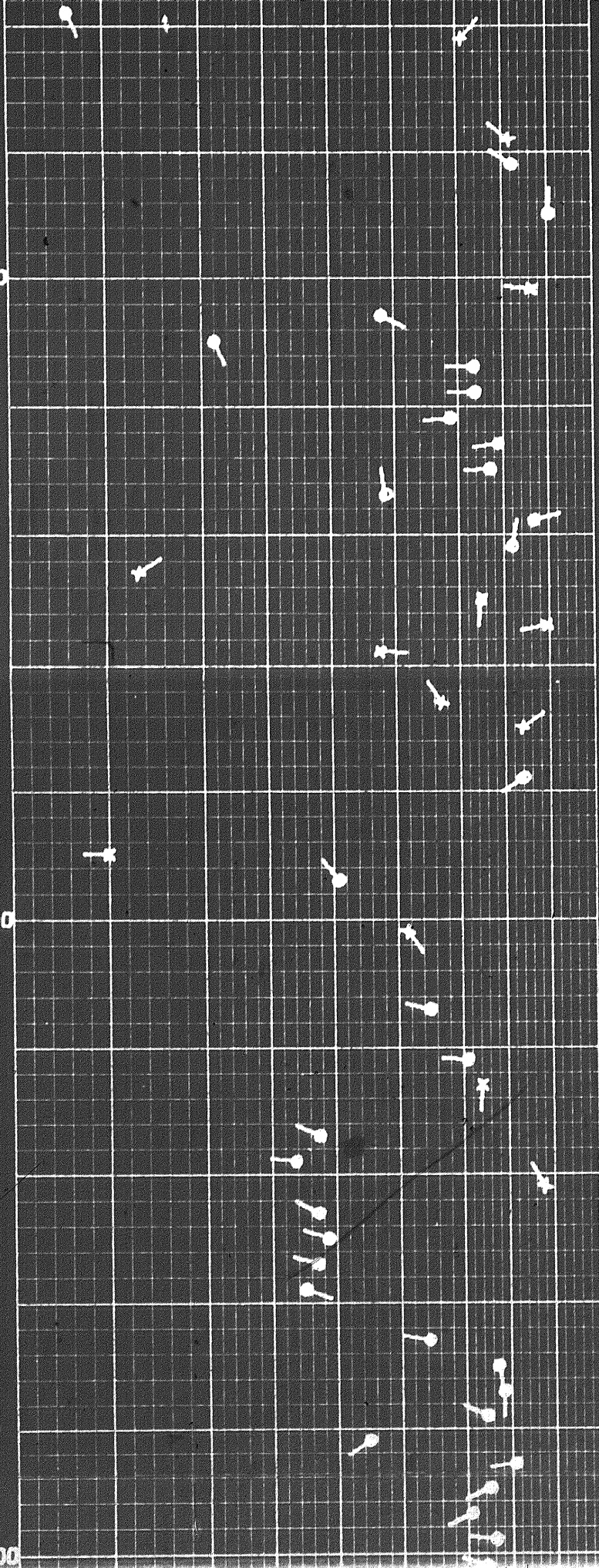
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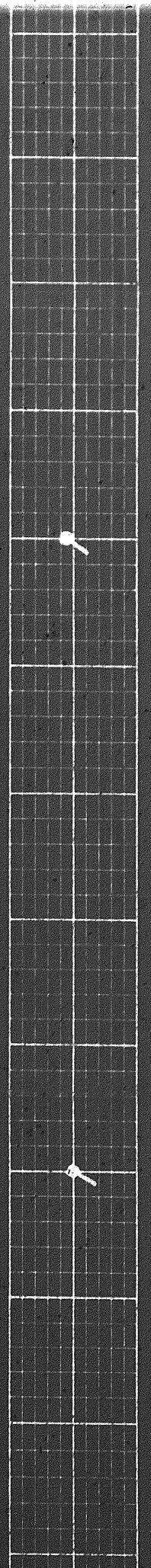
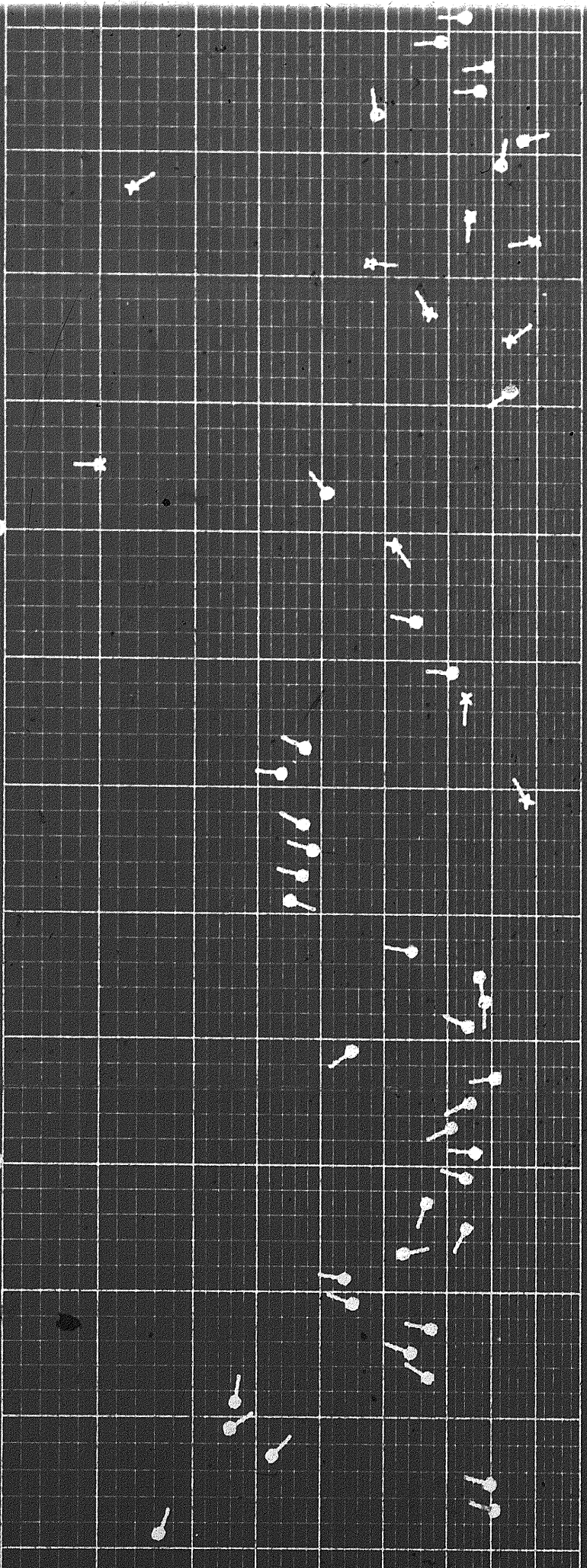
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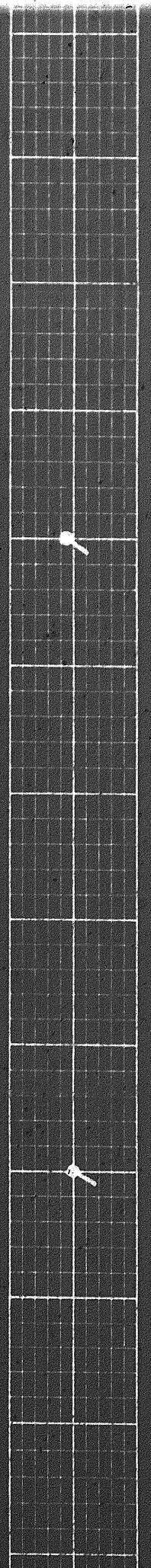
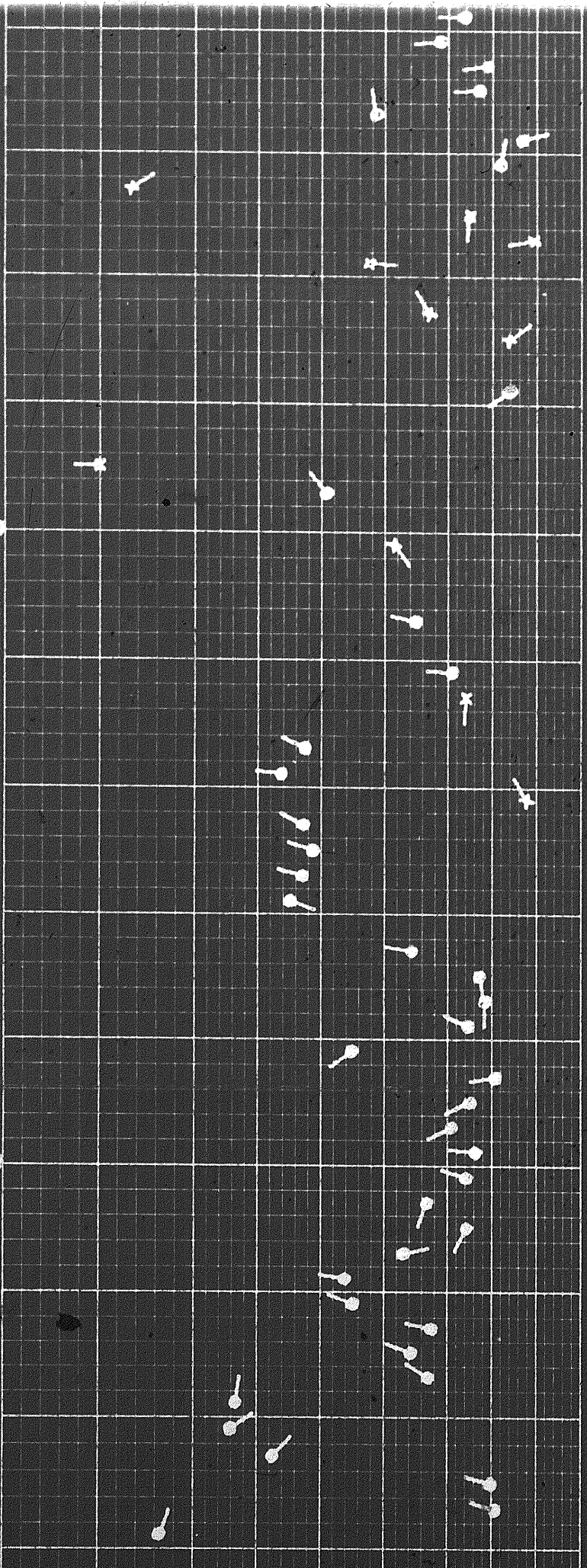
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3000

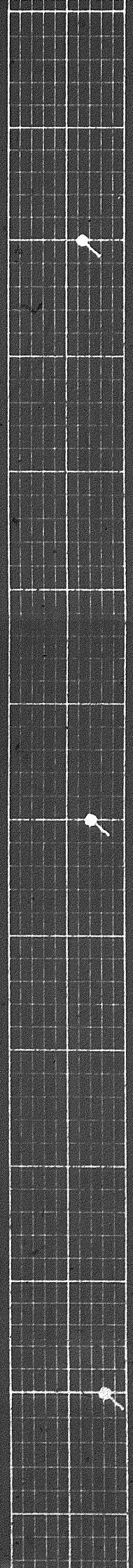
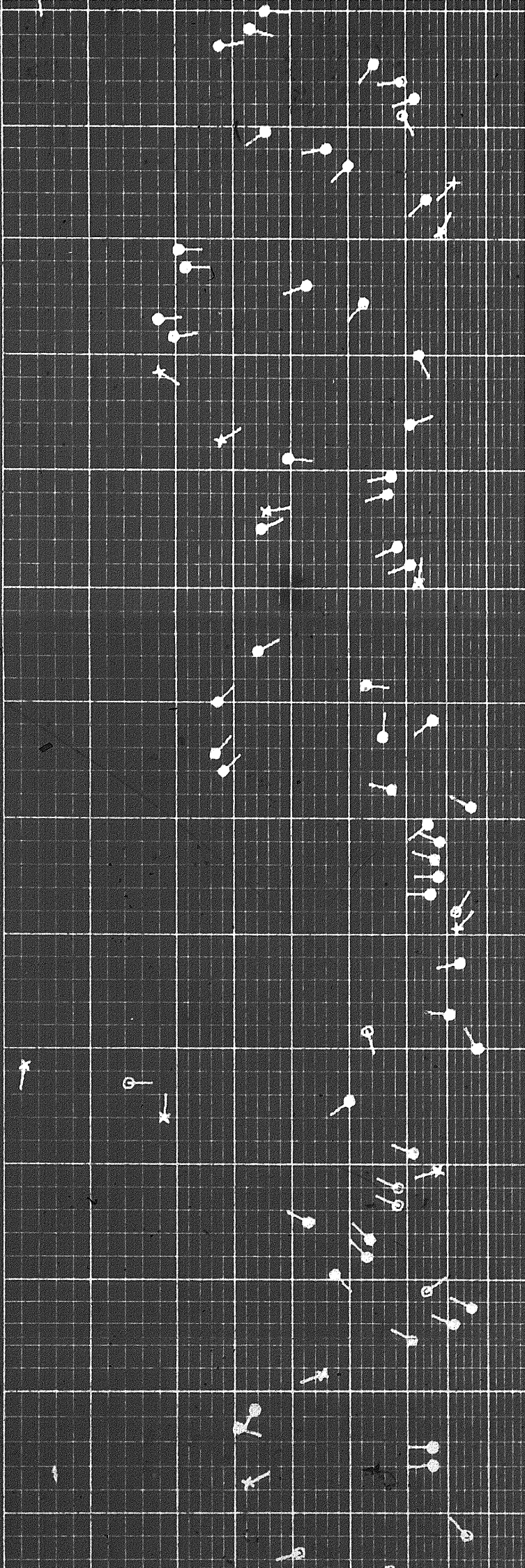
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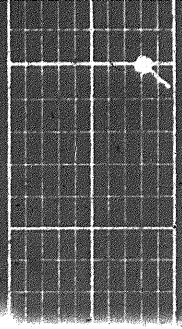
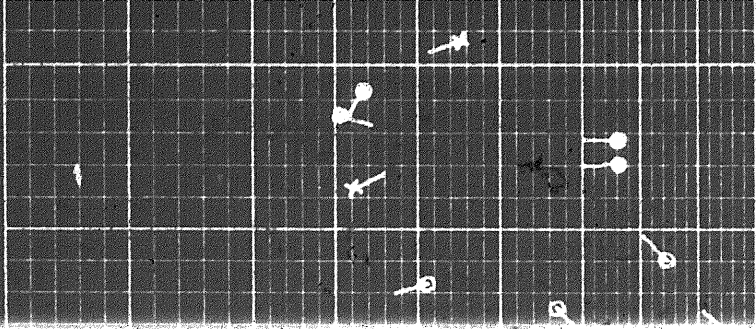
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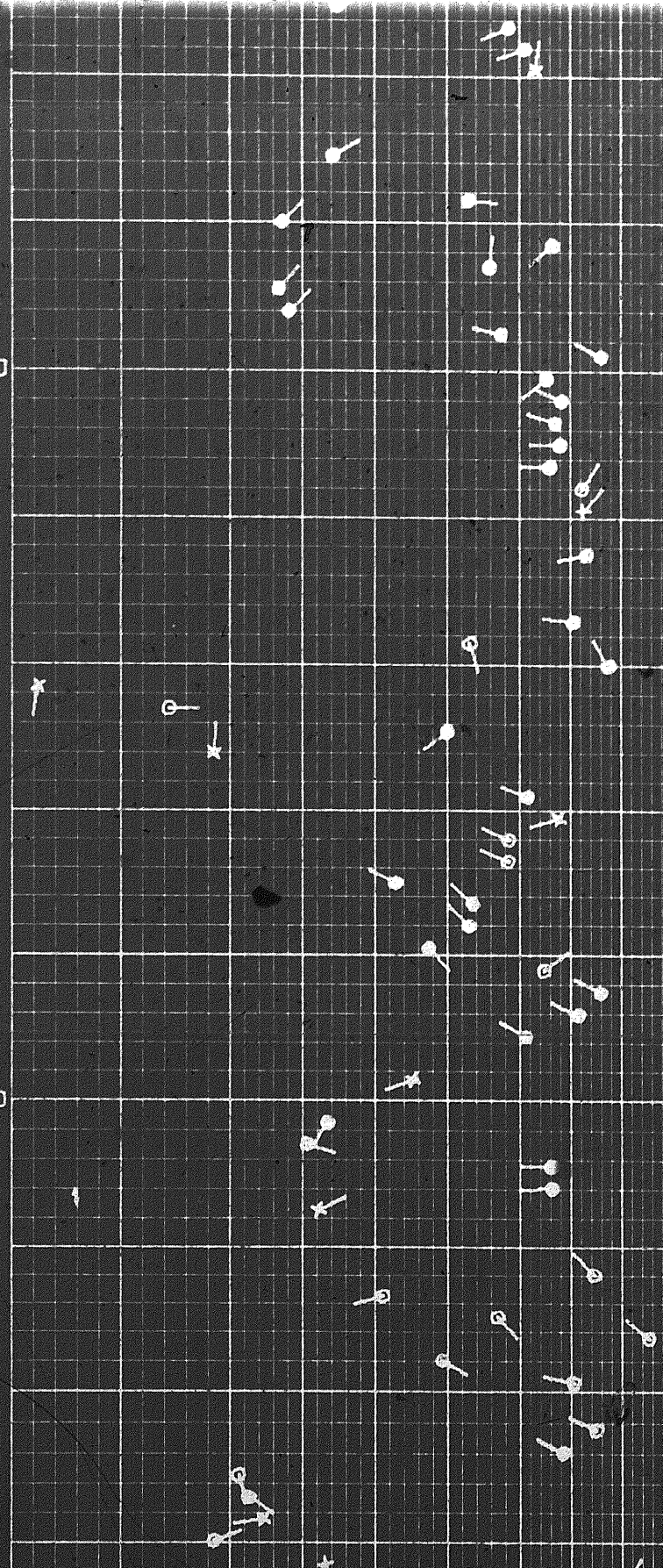
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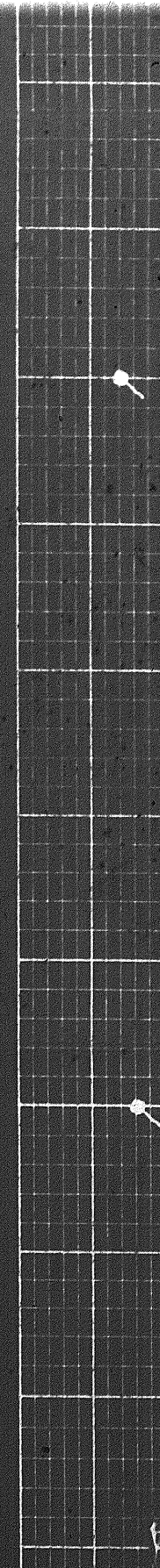
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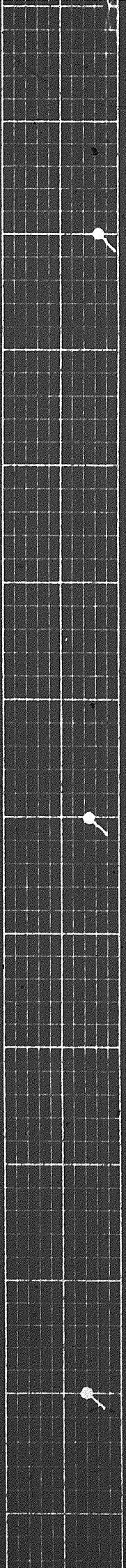
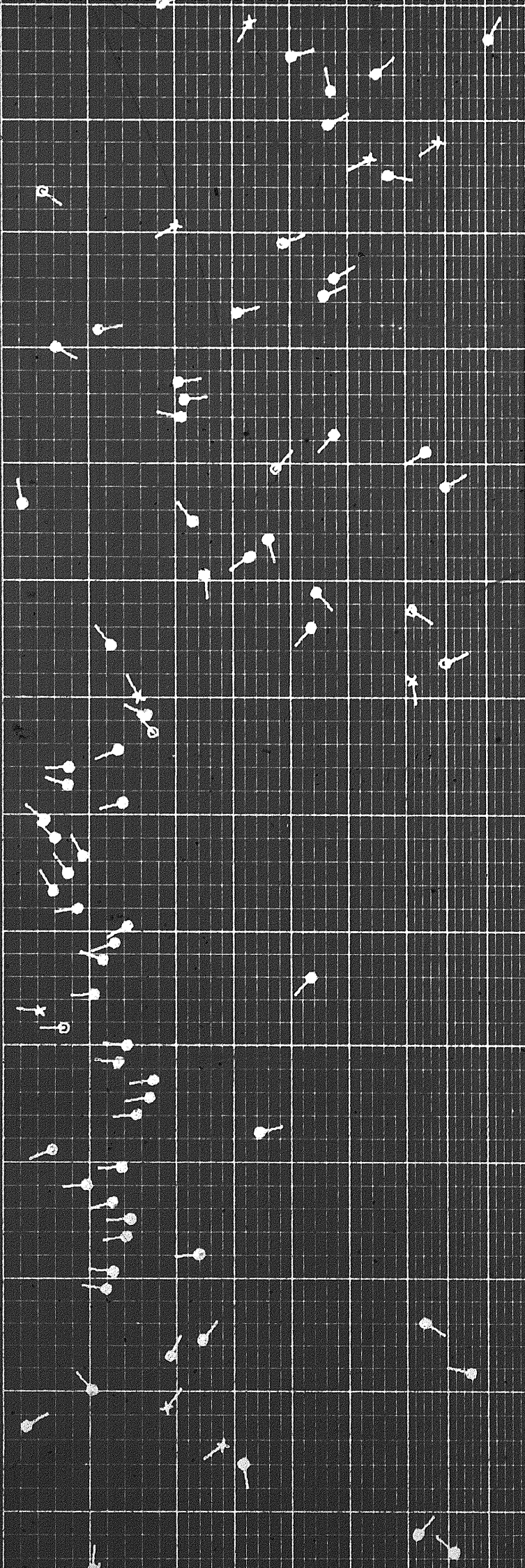
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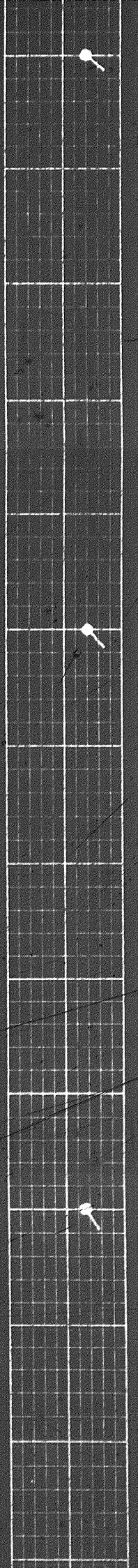
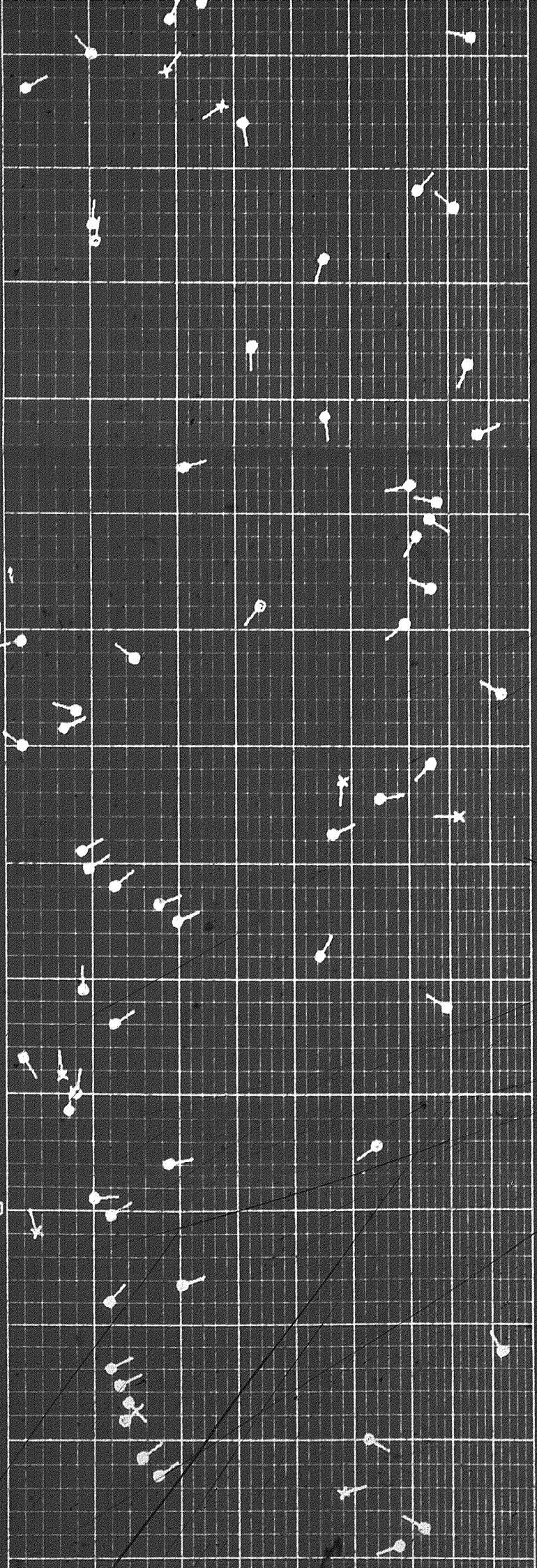
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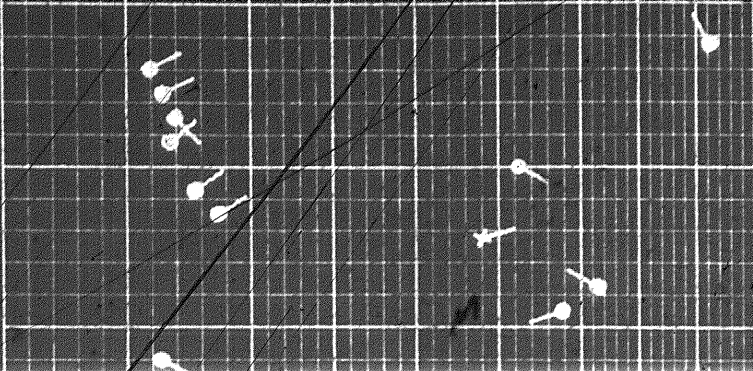


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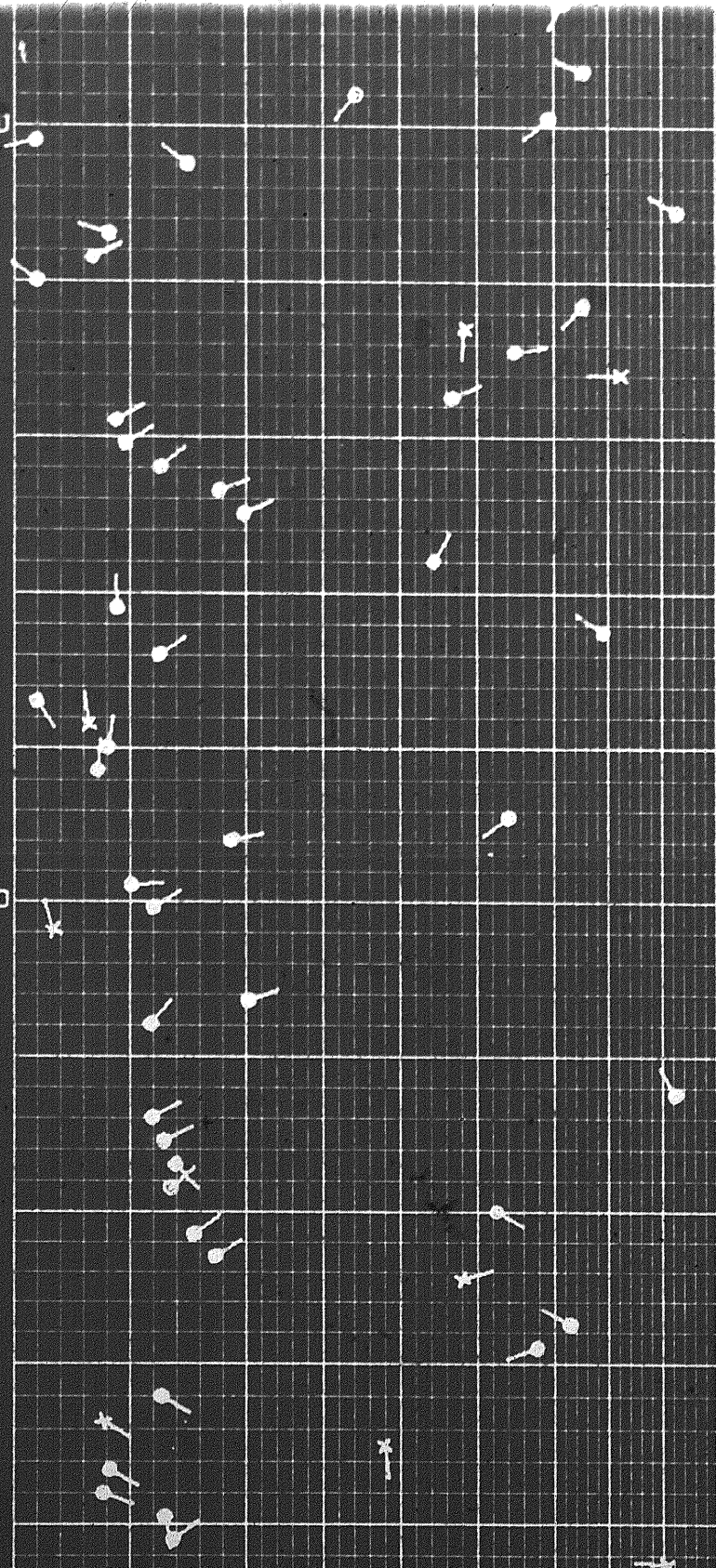
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4000



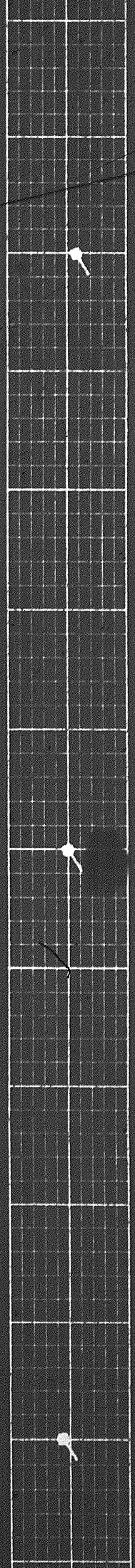
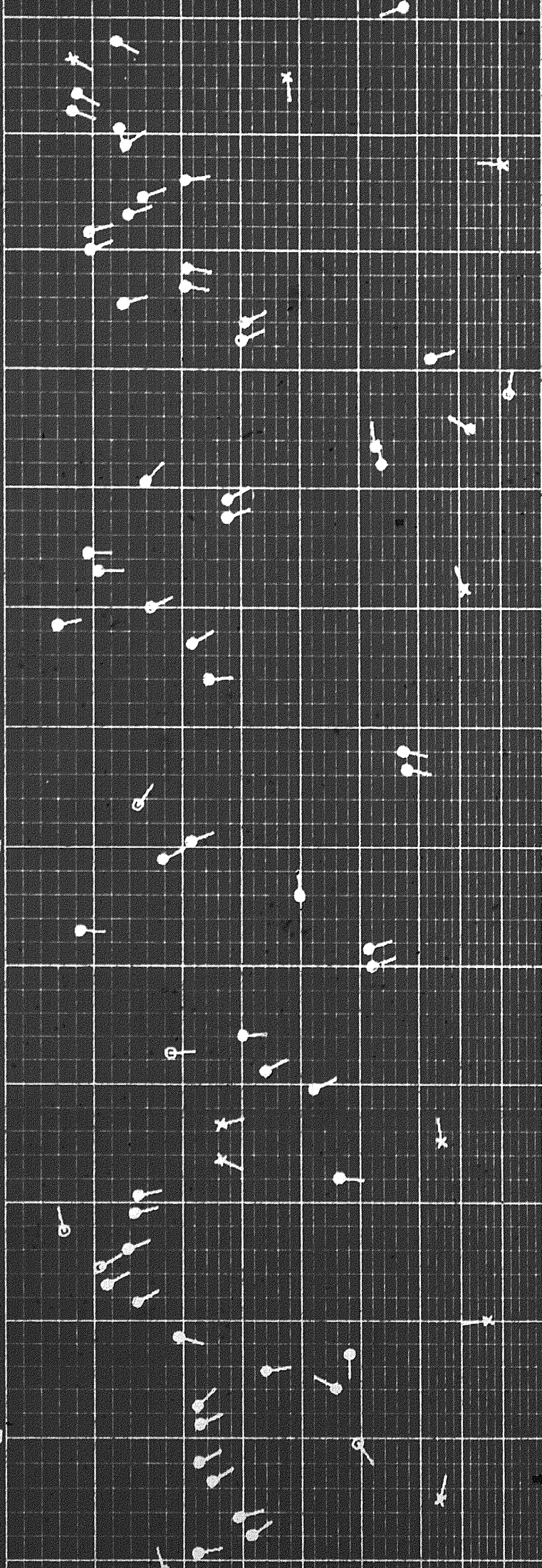
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4200

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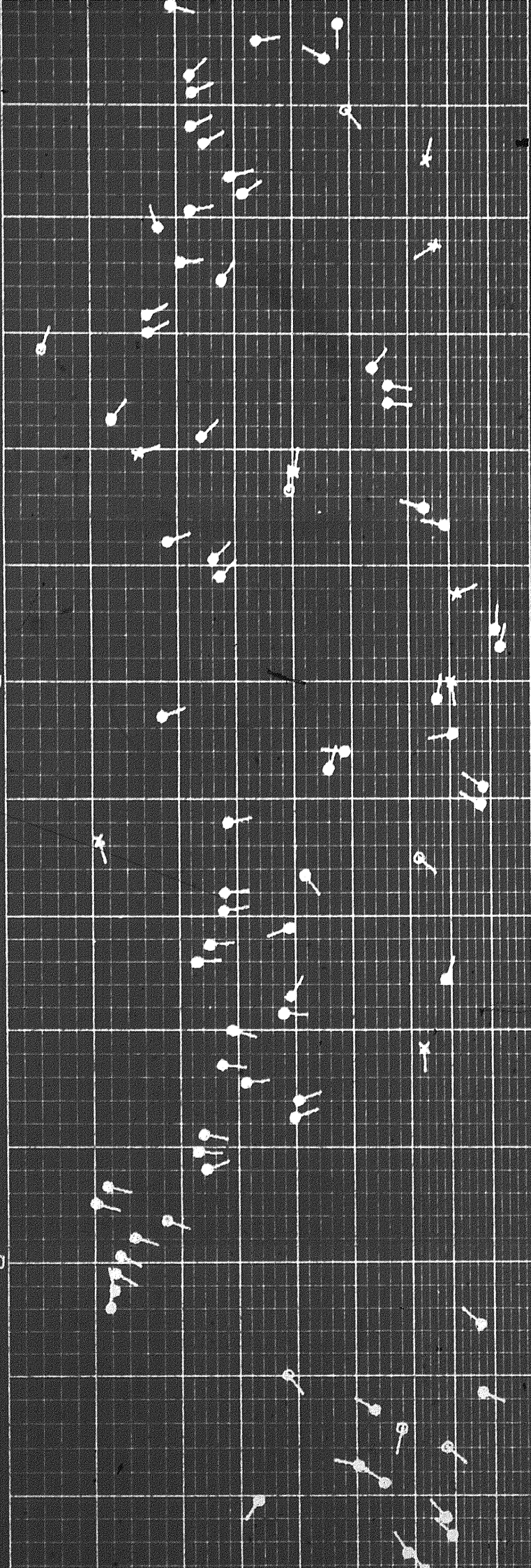
4400



4400

4500

4600



4600

4700

F7 5365 H



4600

4700

F7 5365 H

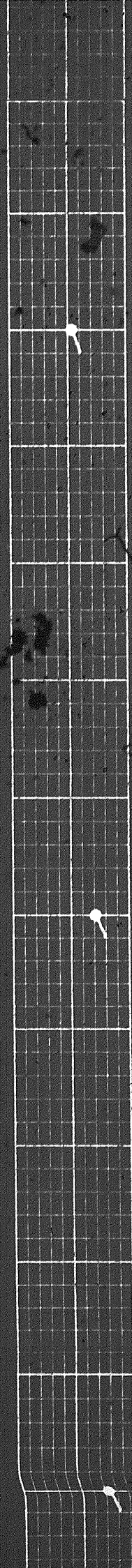
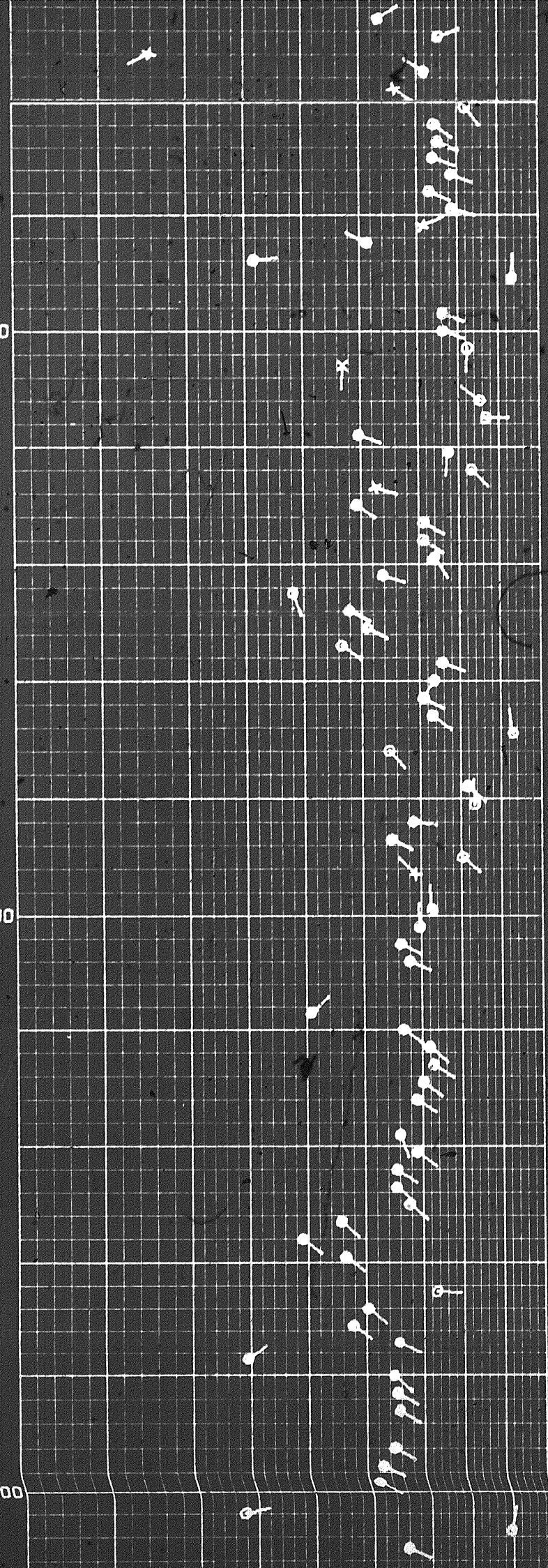


F7 5365 H

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4900

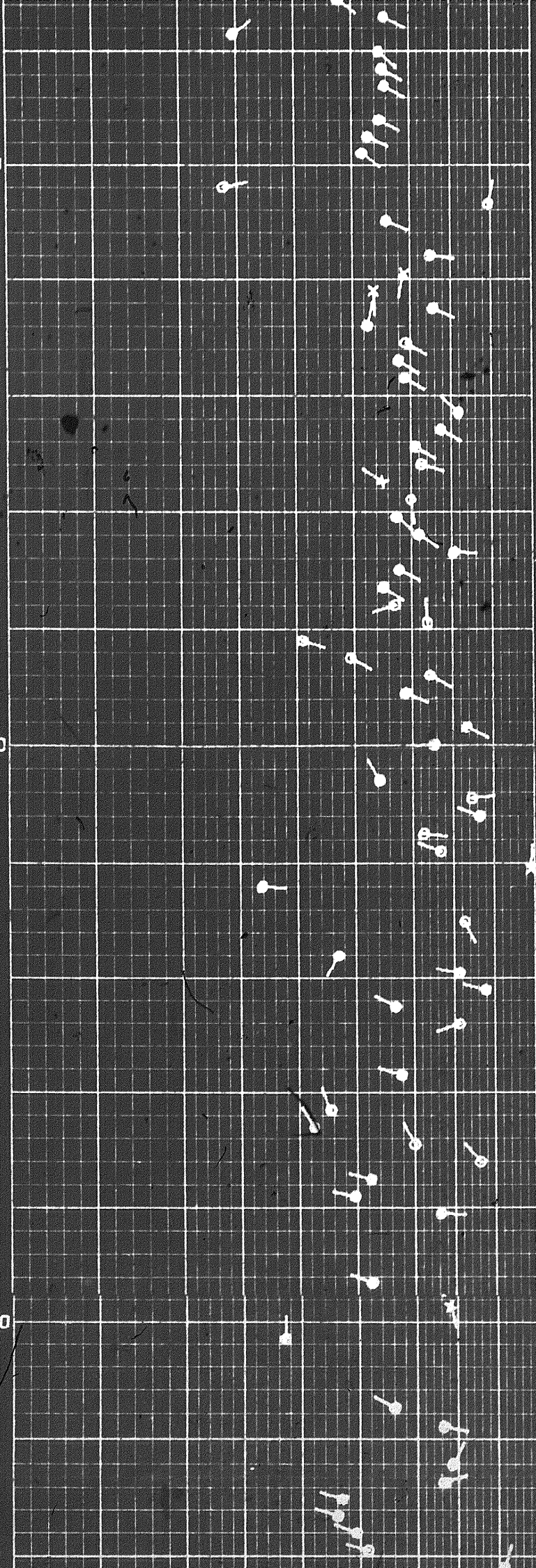
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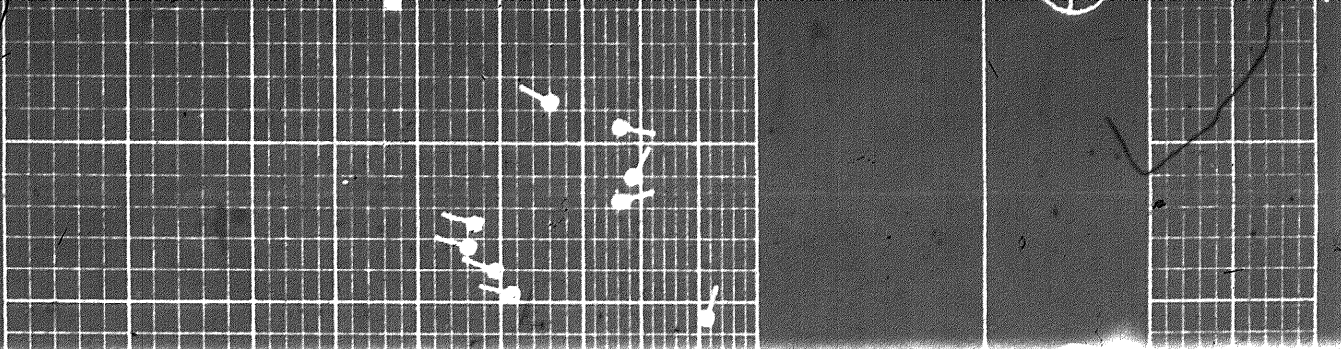
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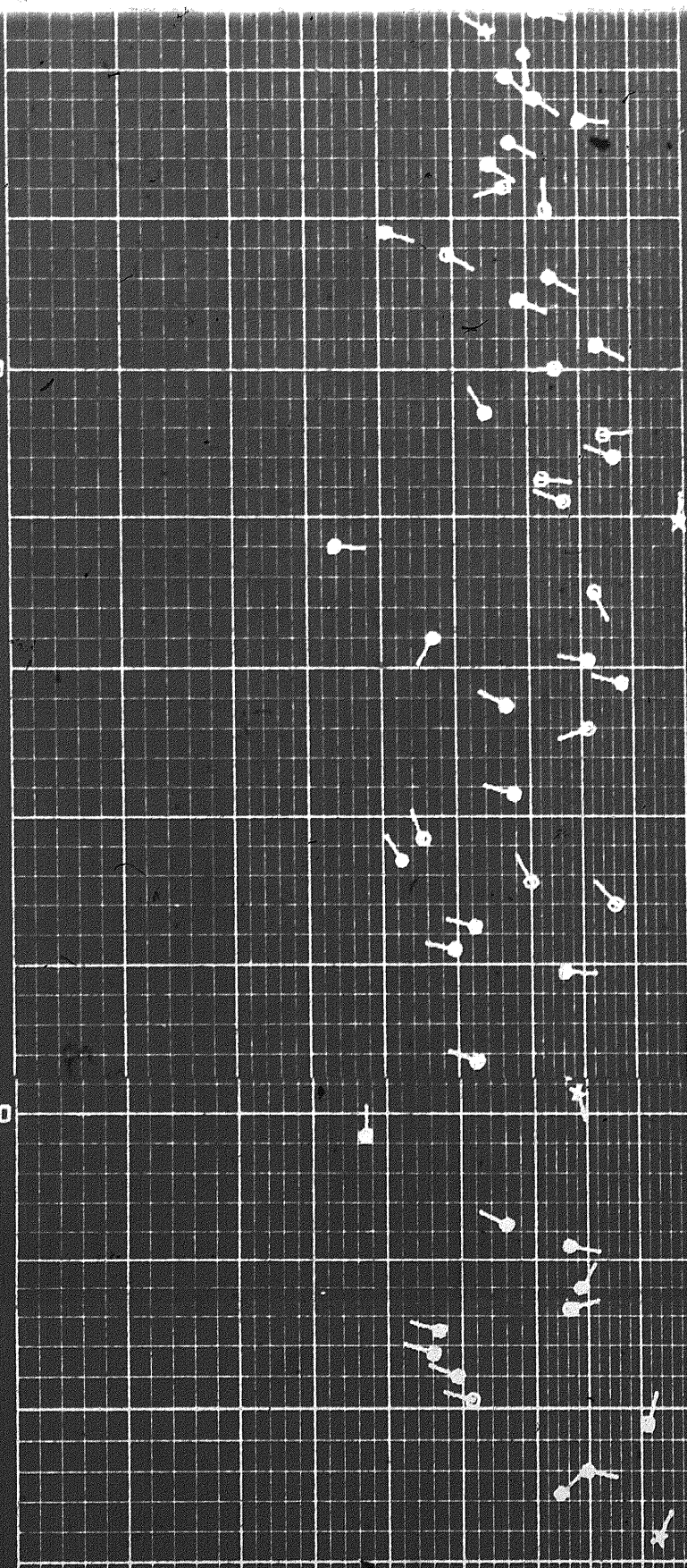


F6 5365 H





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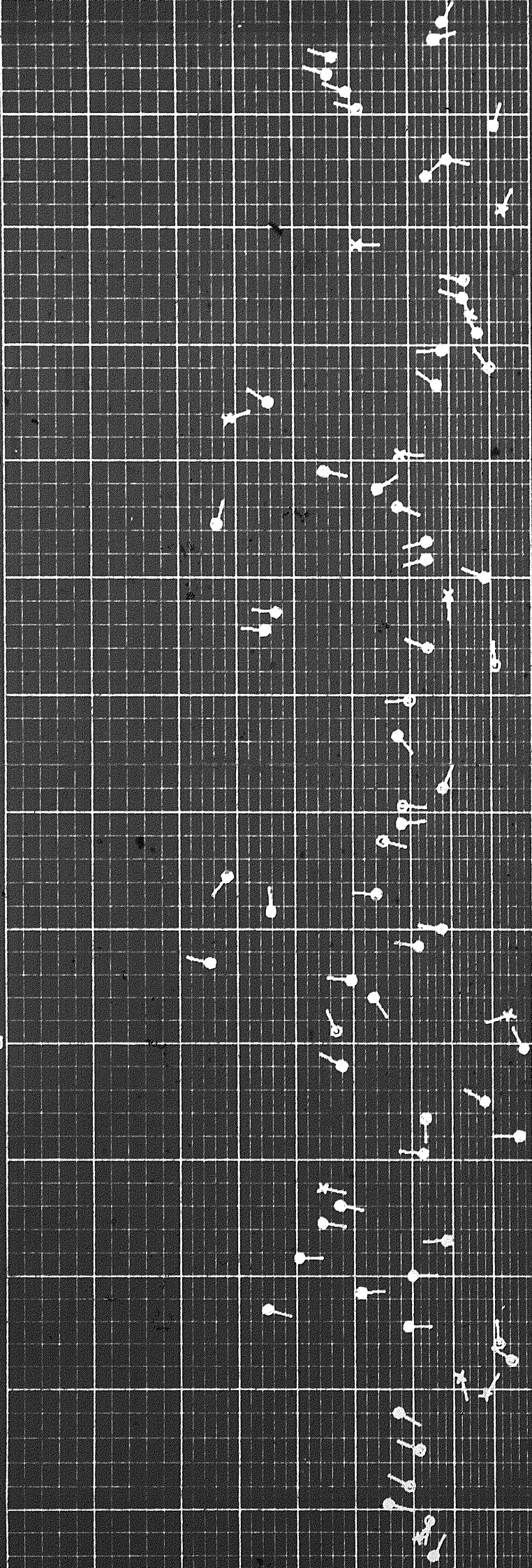
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F6 5395 H



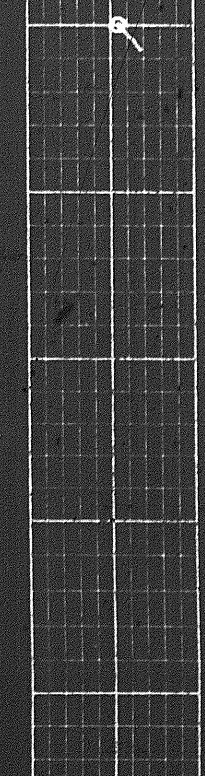
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5400



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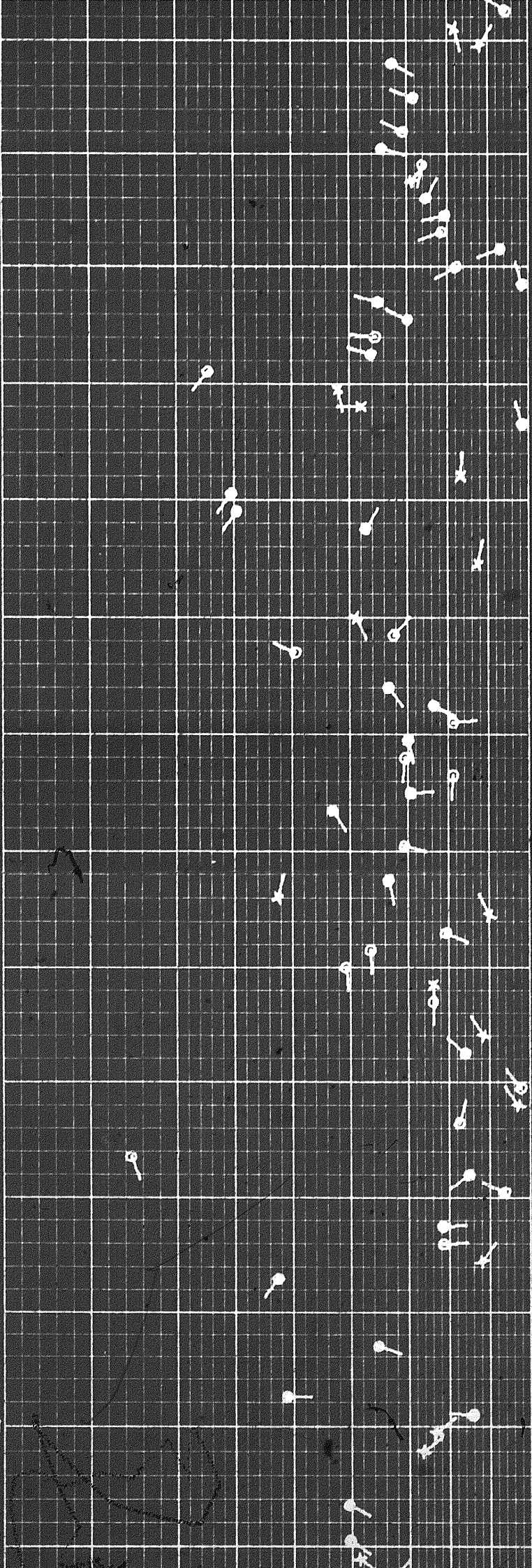
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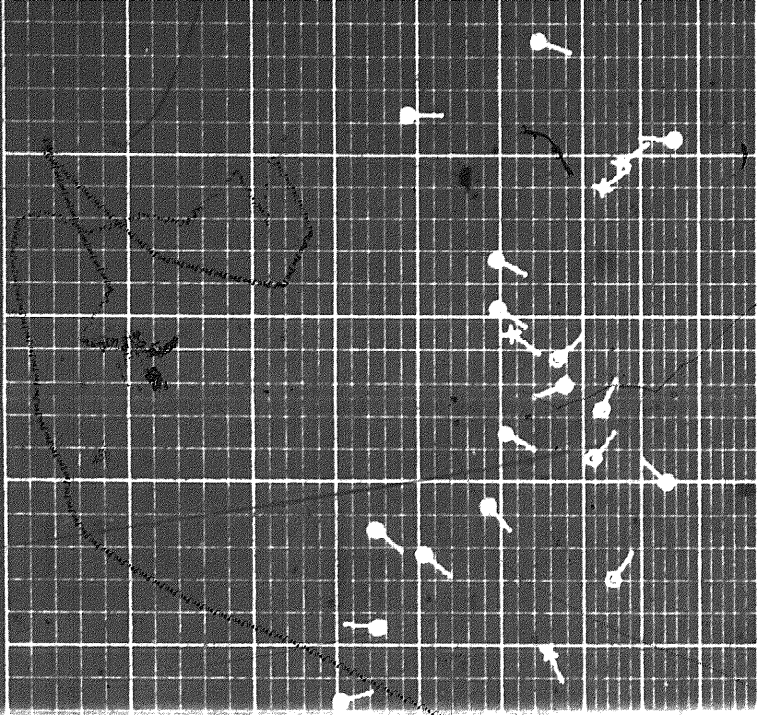
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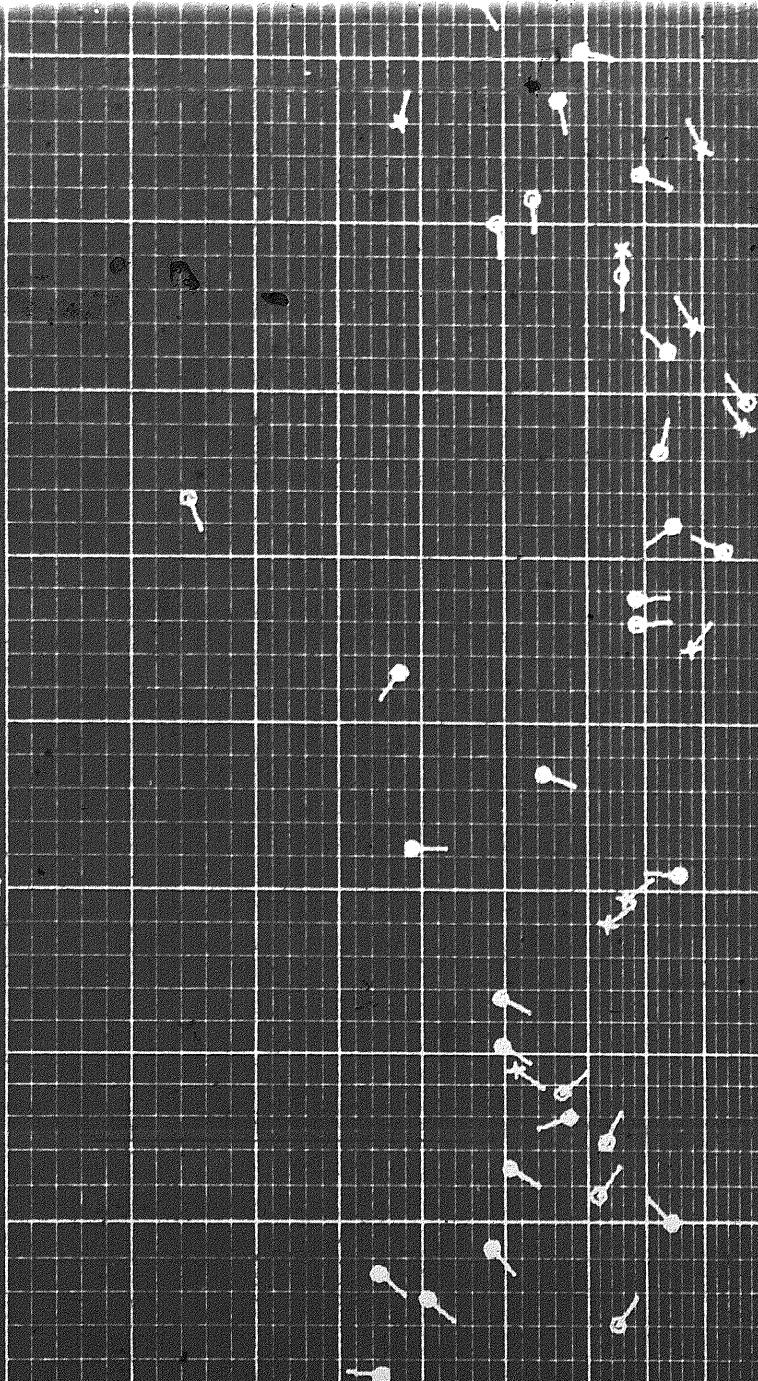
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5700



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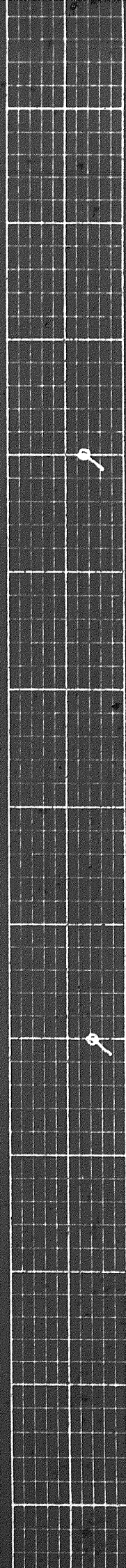
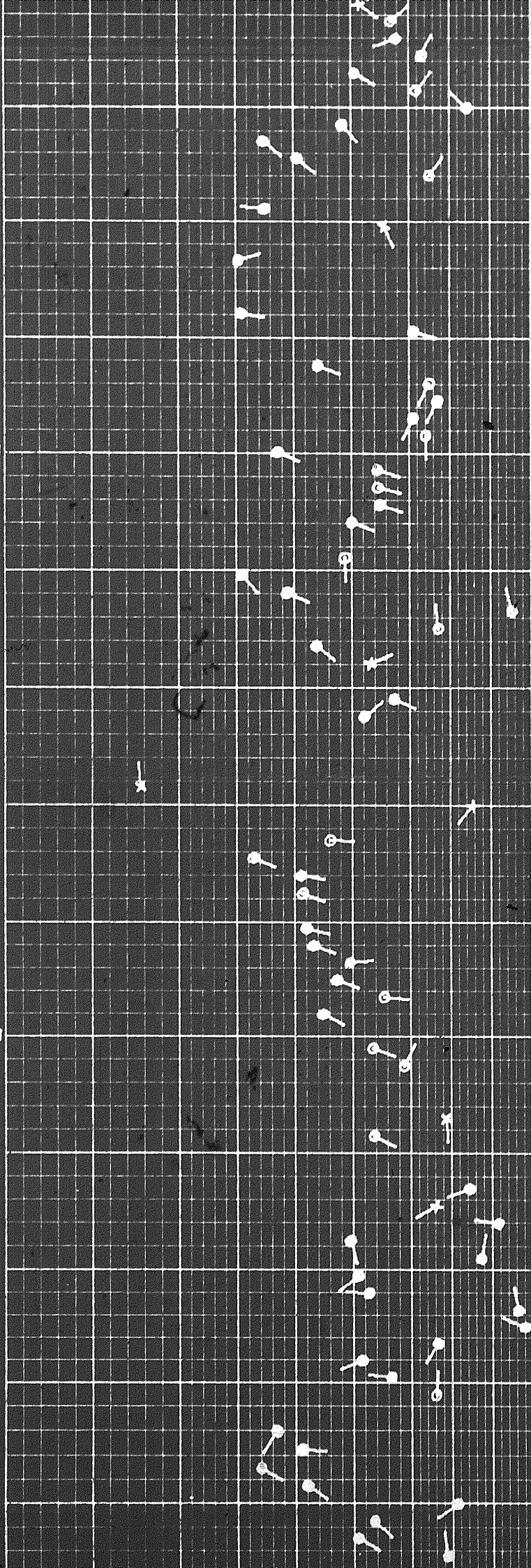
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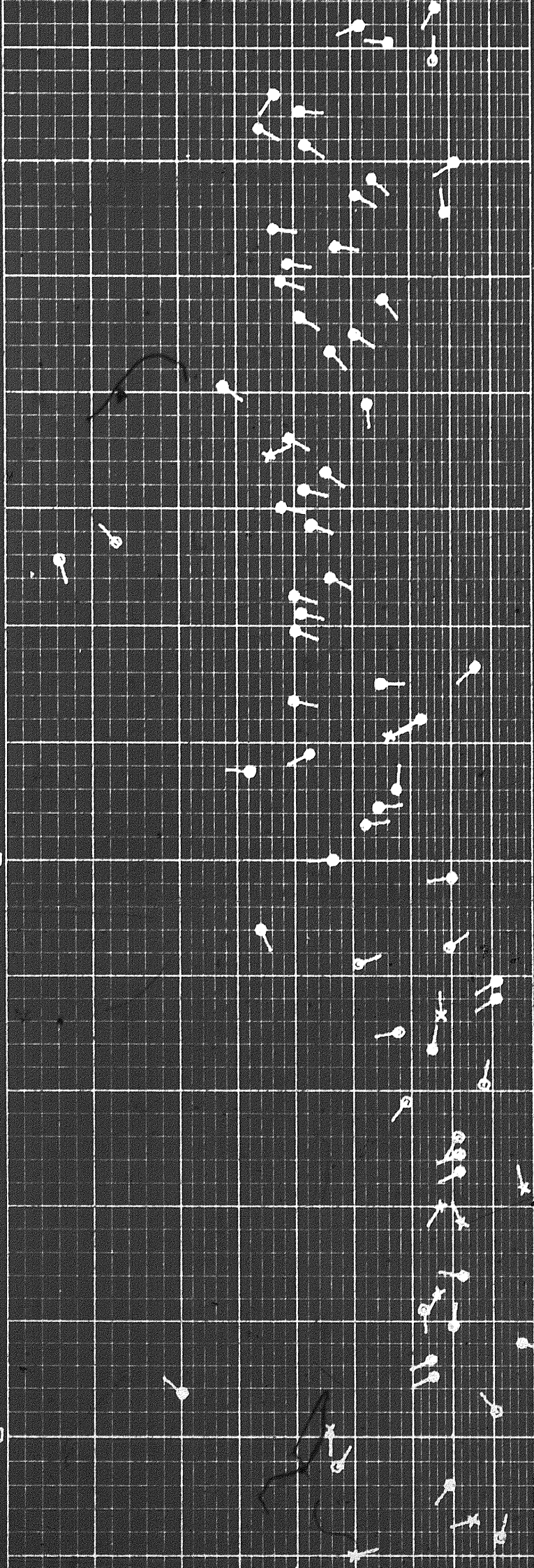
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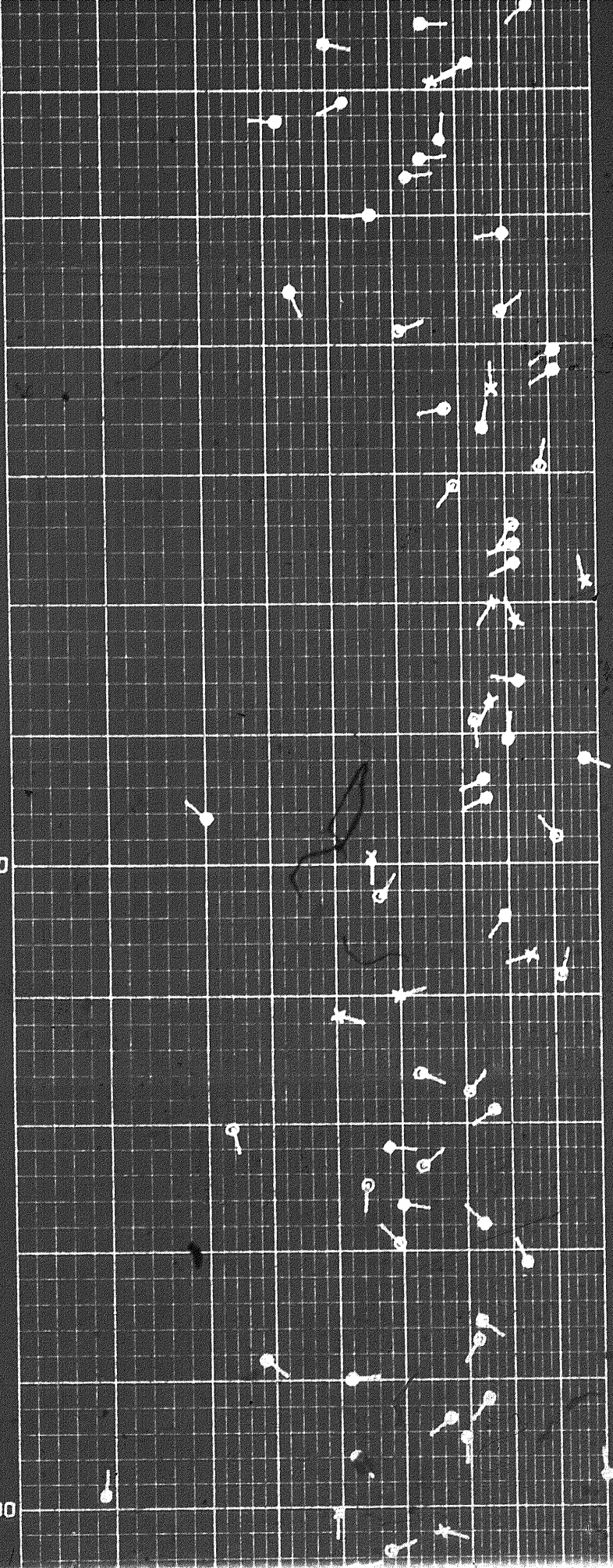
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6100

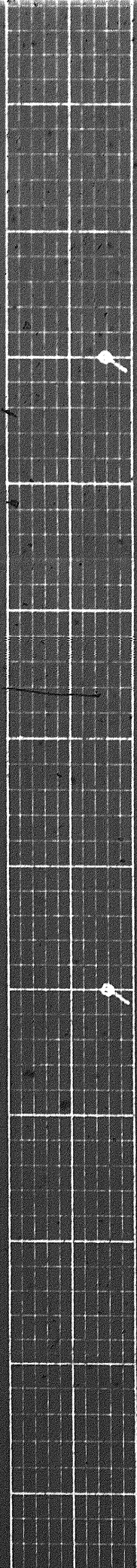
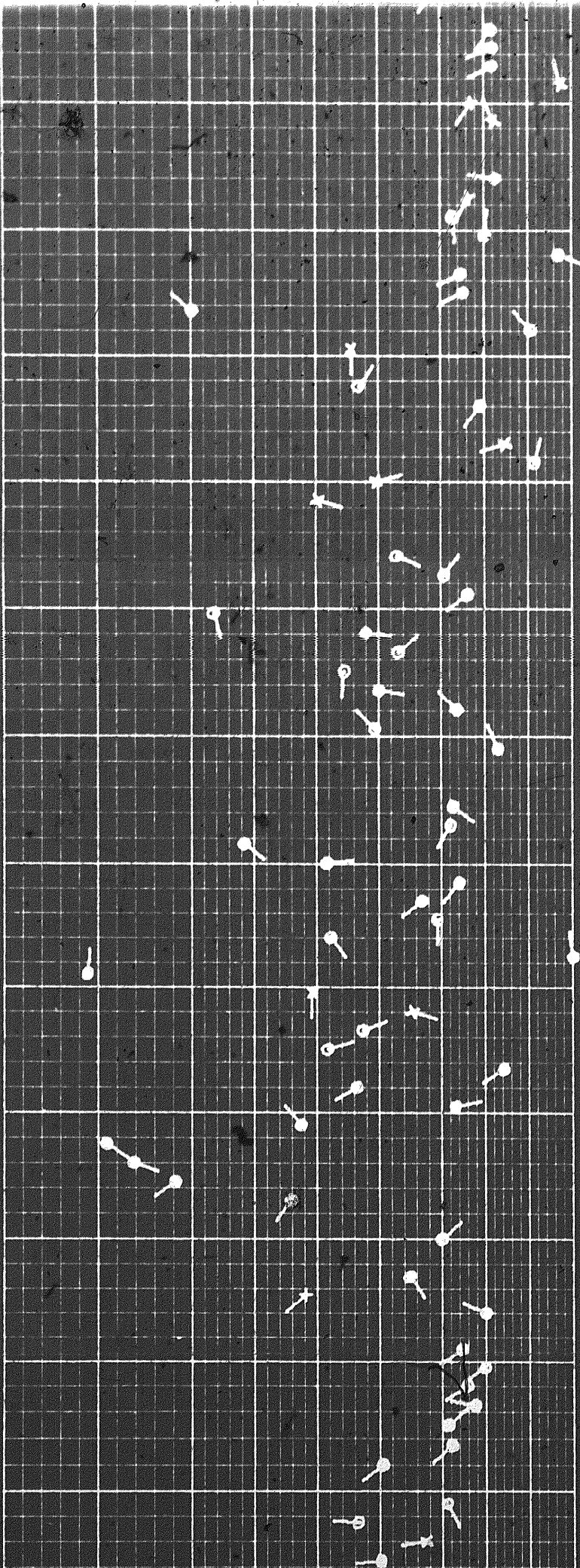
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6300



6200

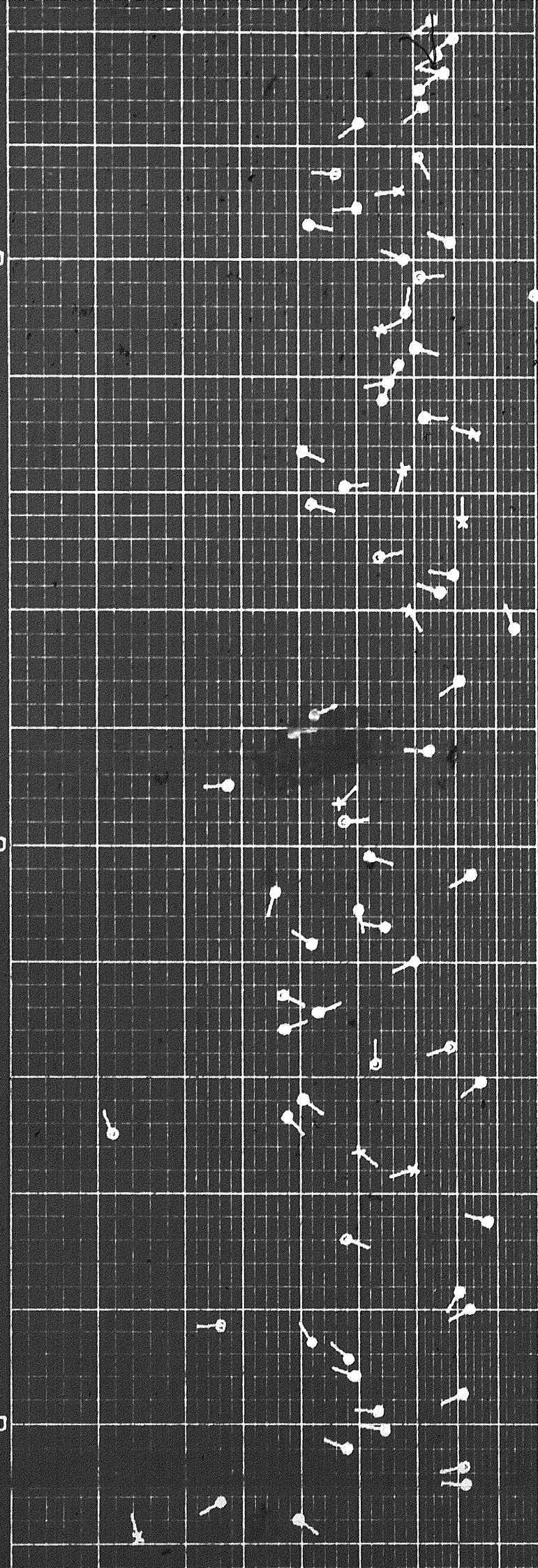
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6400

6500

6600



6600

6700

5200

REPEAT SECTION

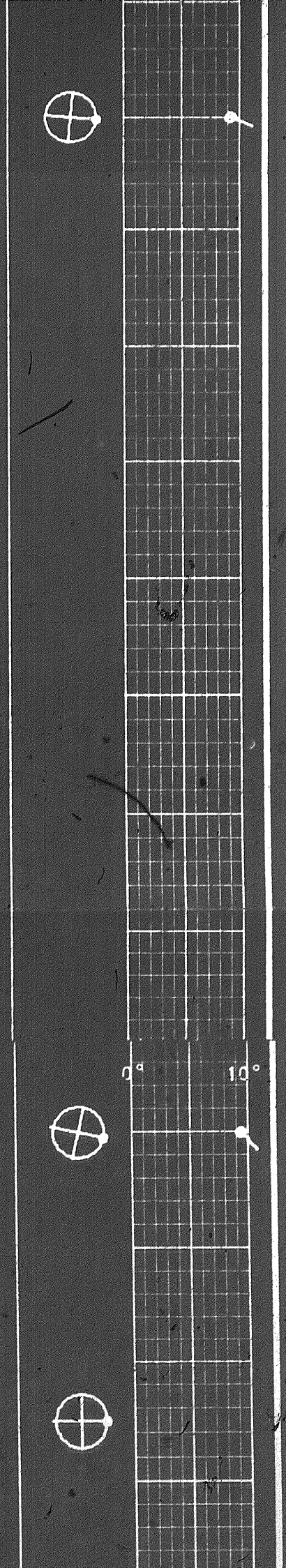
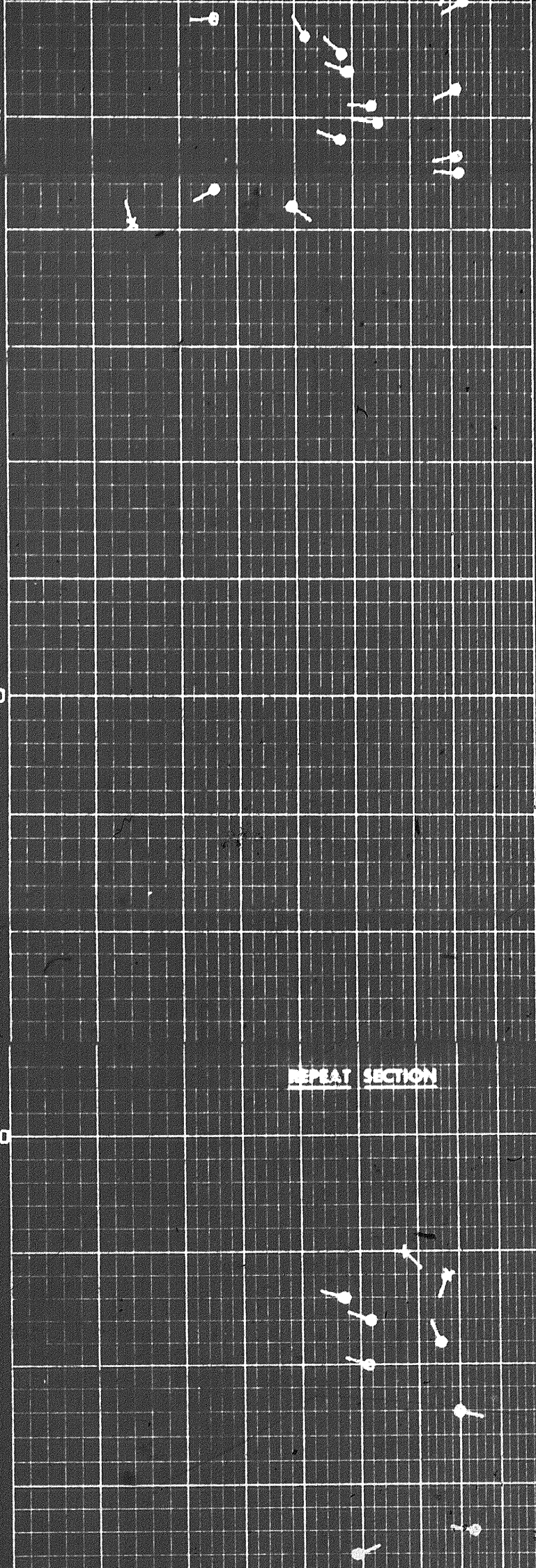
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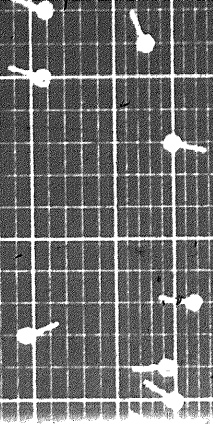
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10°



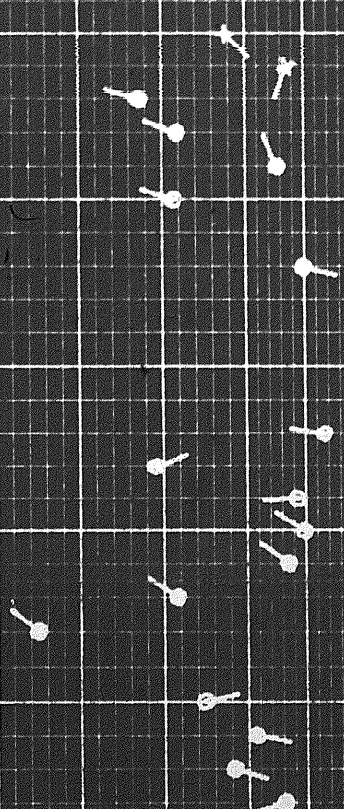


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REPEAT SECTION

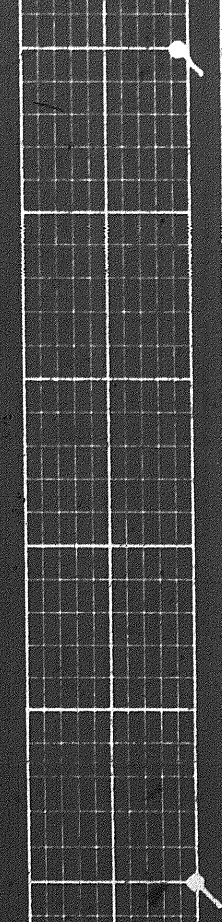
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22876
0465H



5300

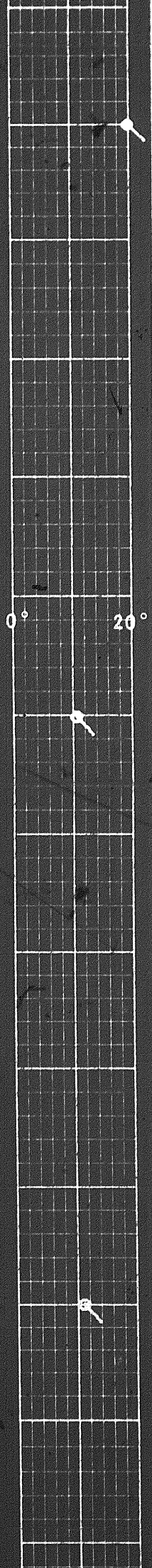
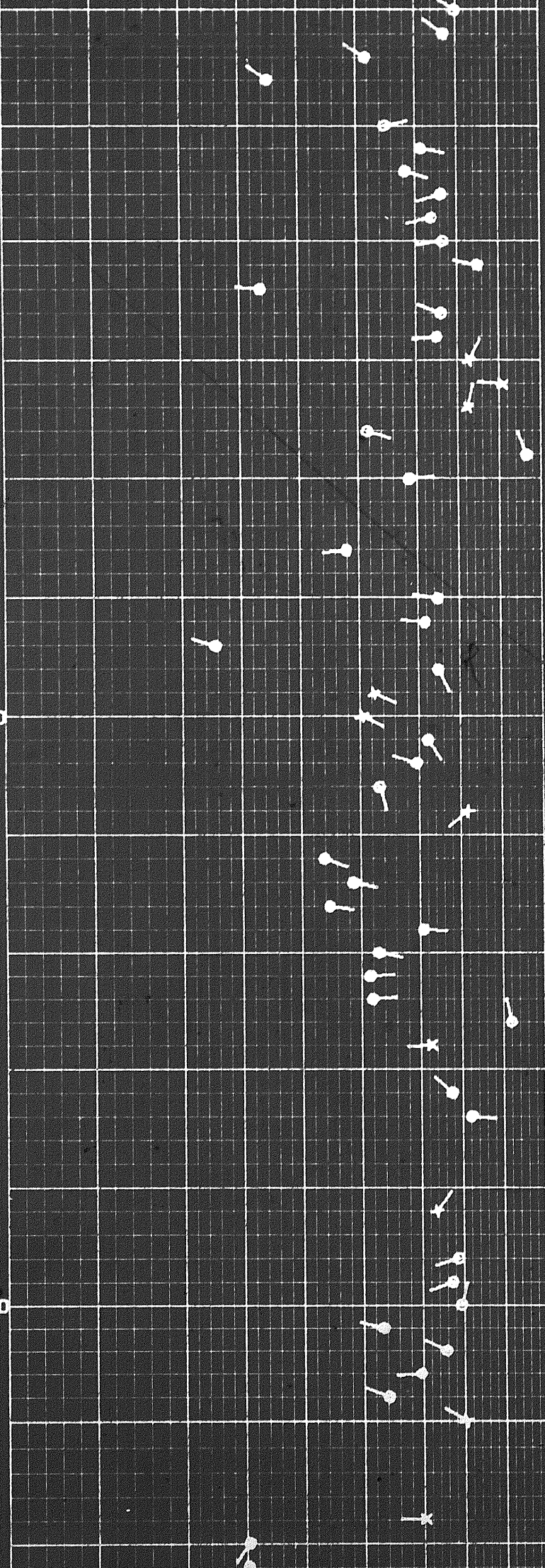
0° 10°



5300

5400

5500

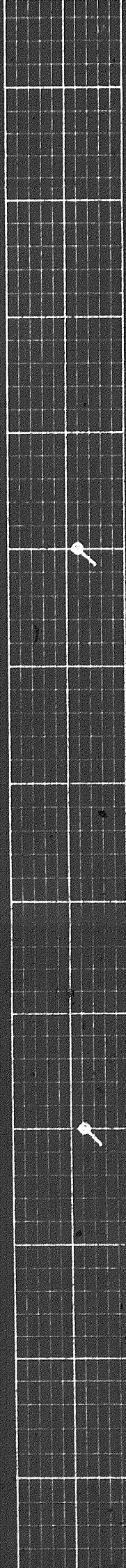
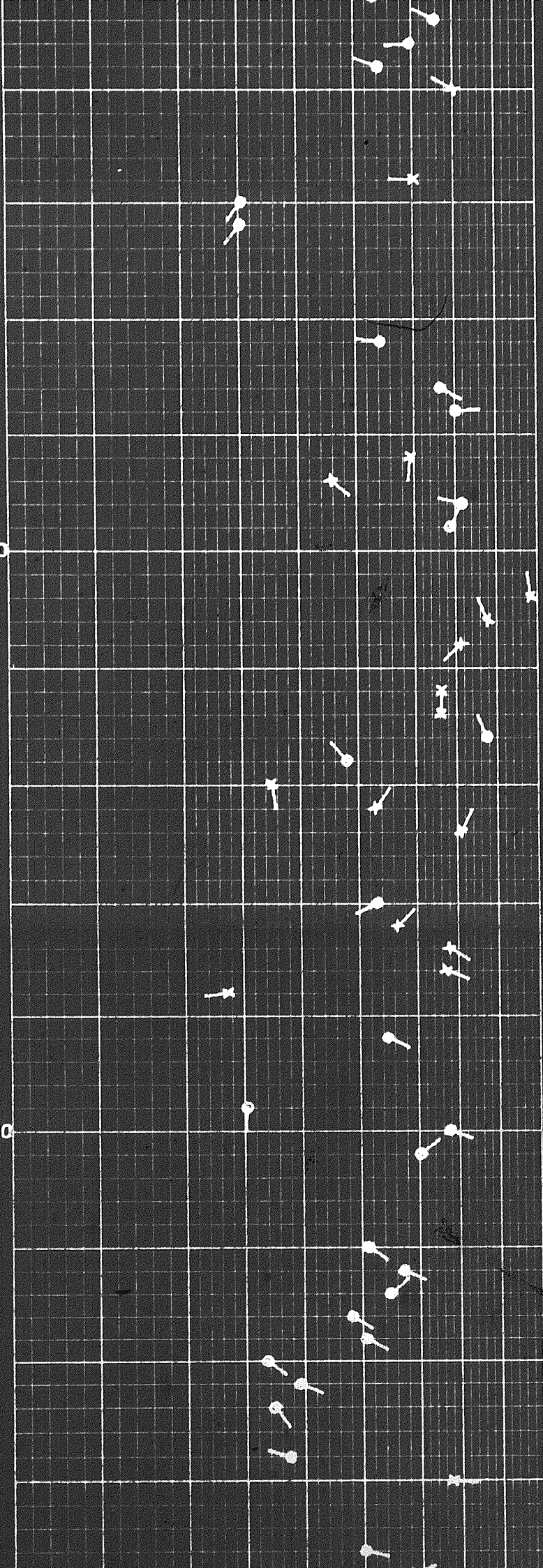


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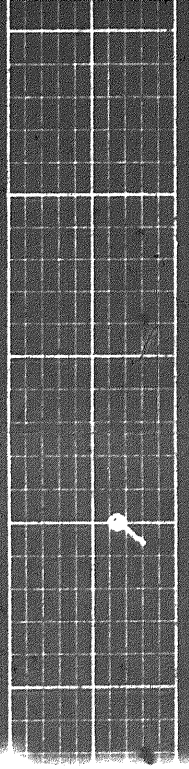
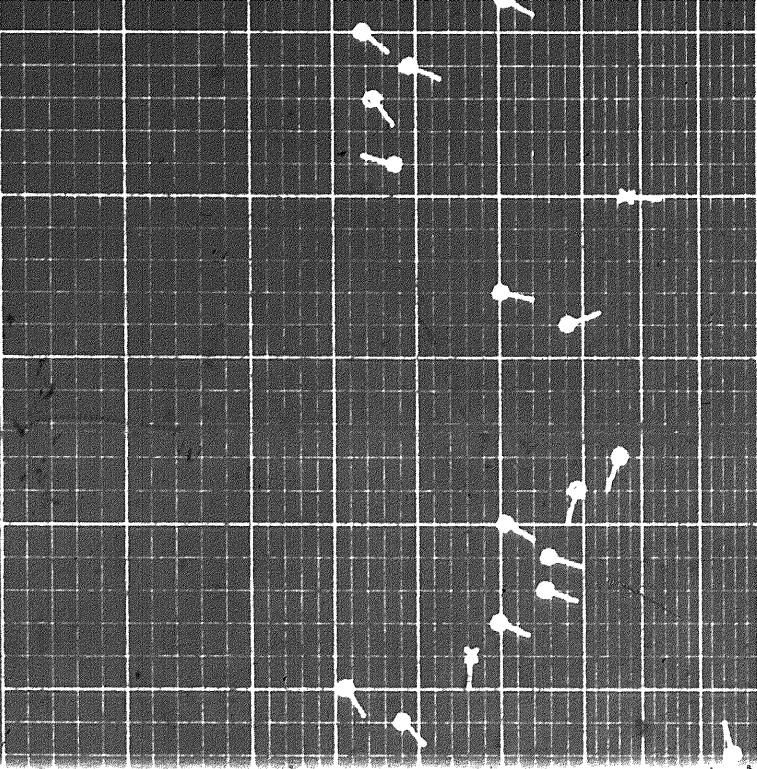
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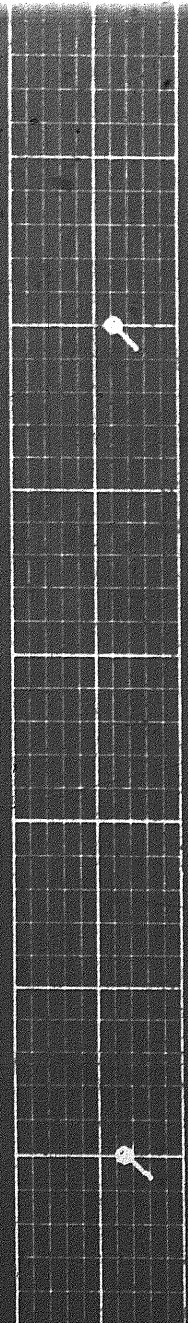
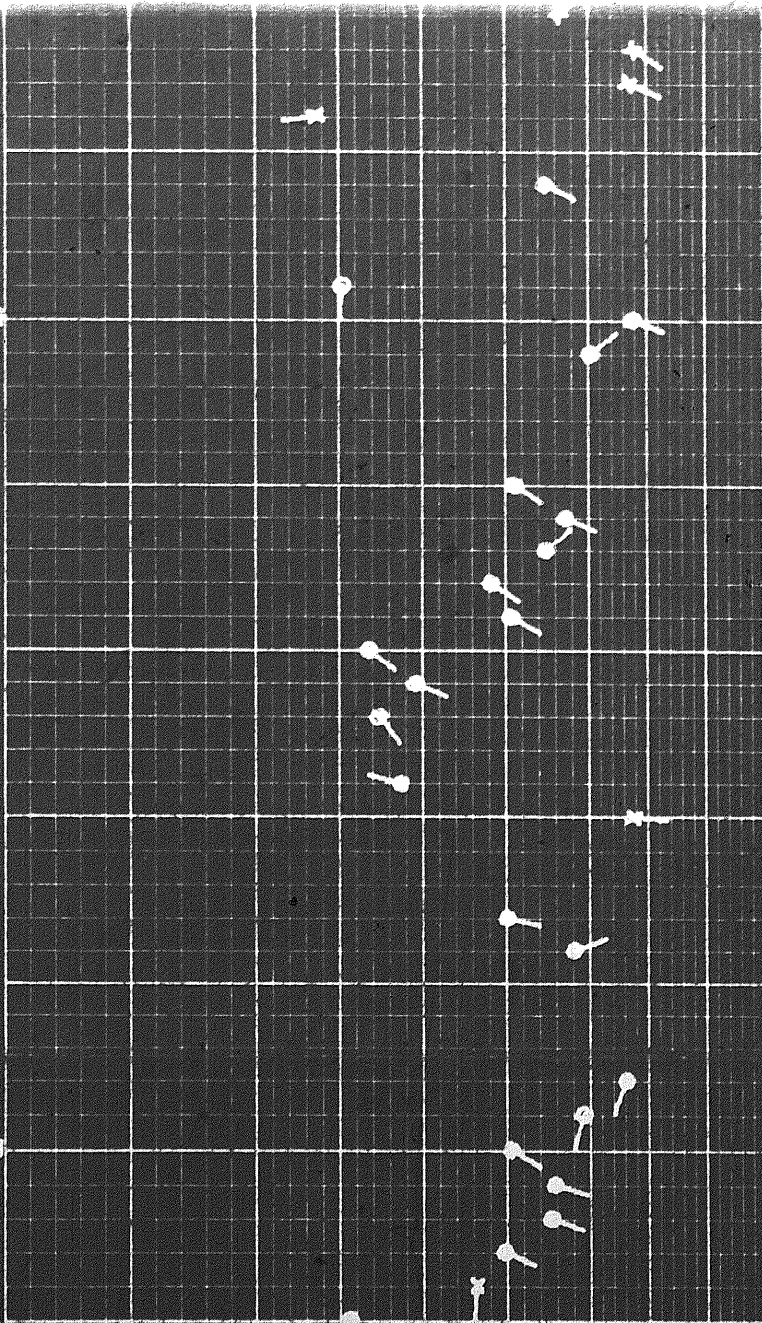
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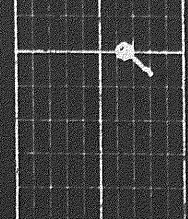
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5700



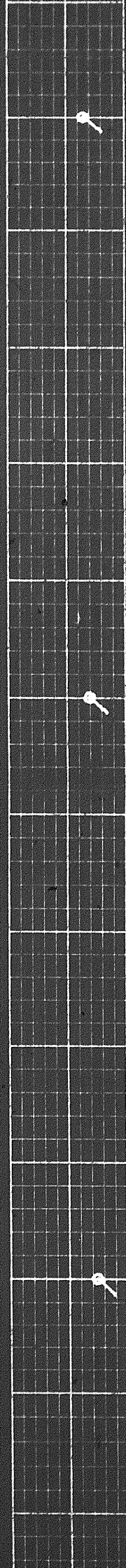
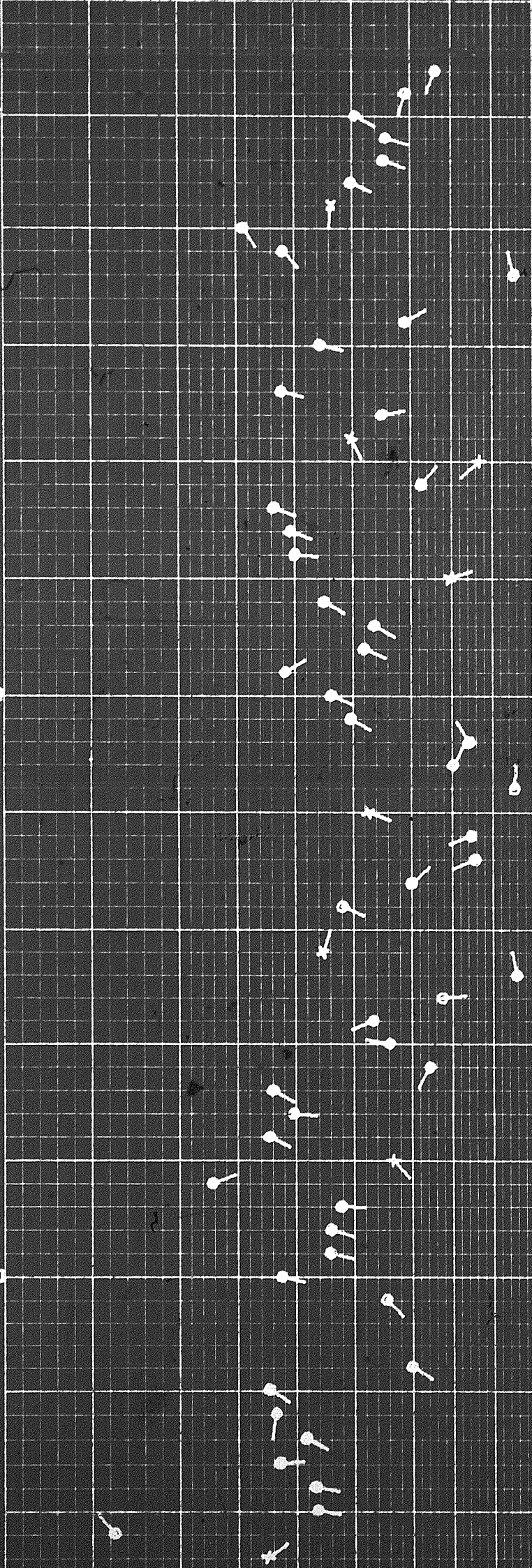
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5800

5900

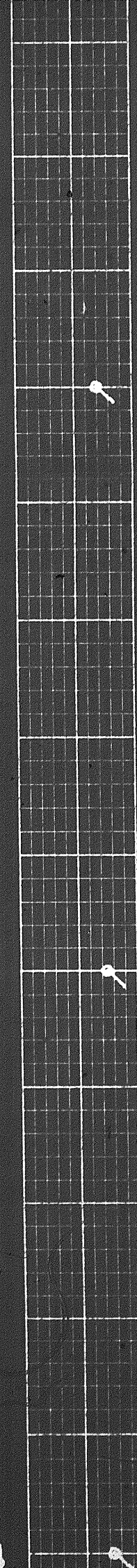
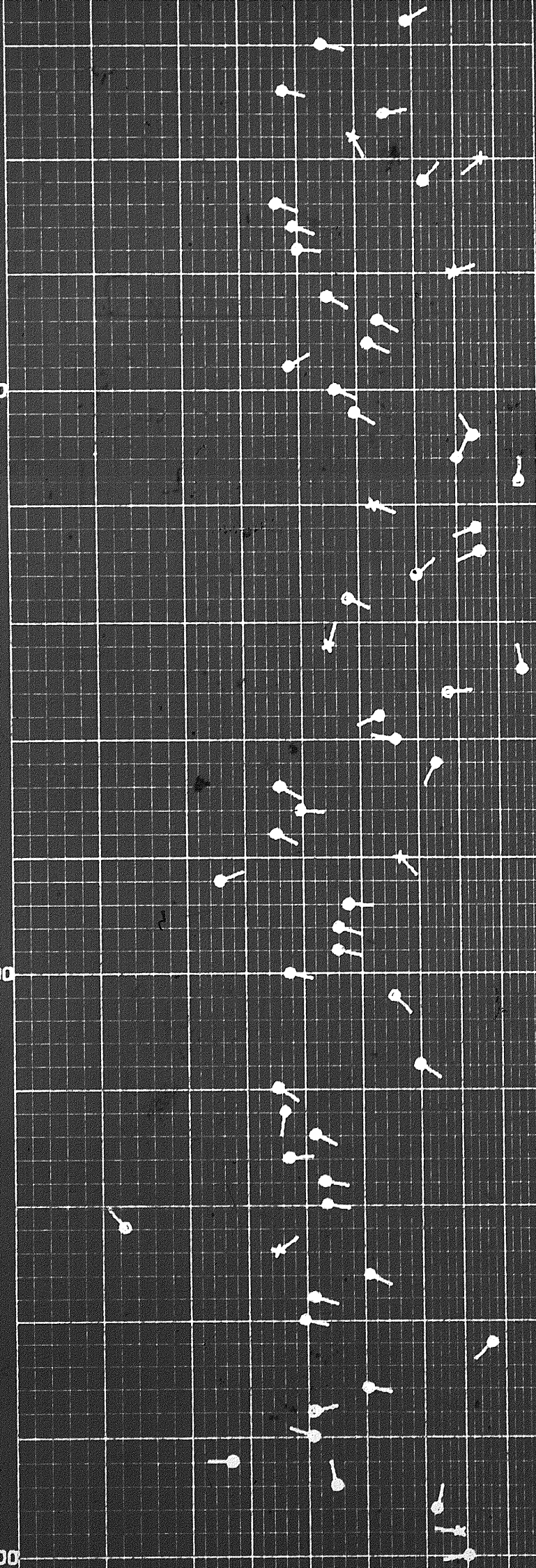
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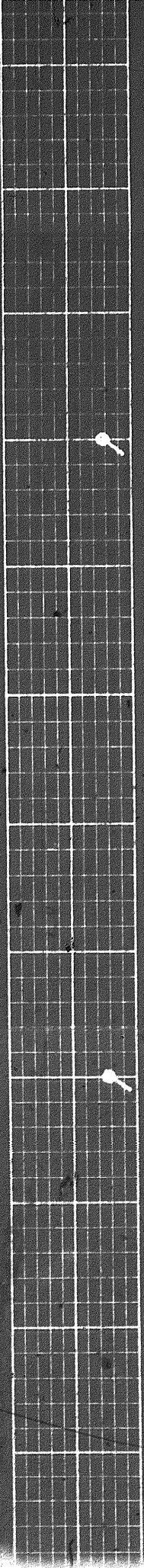
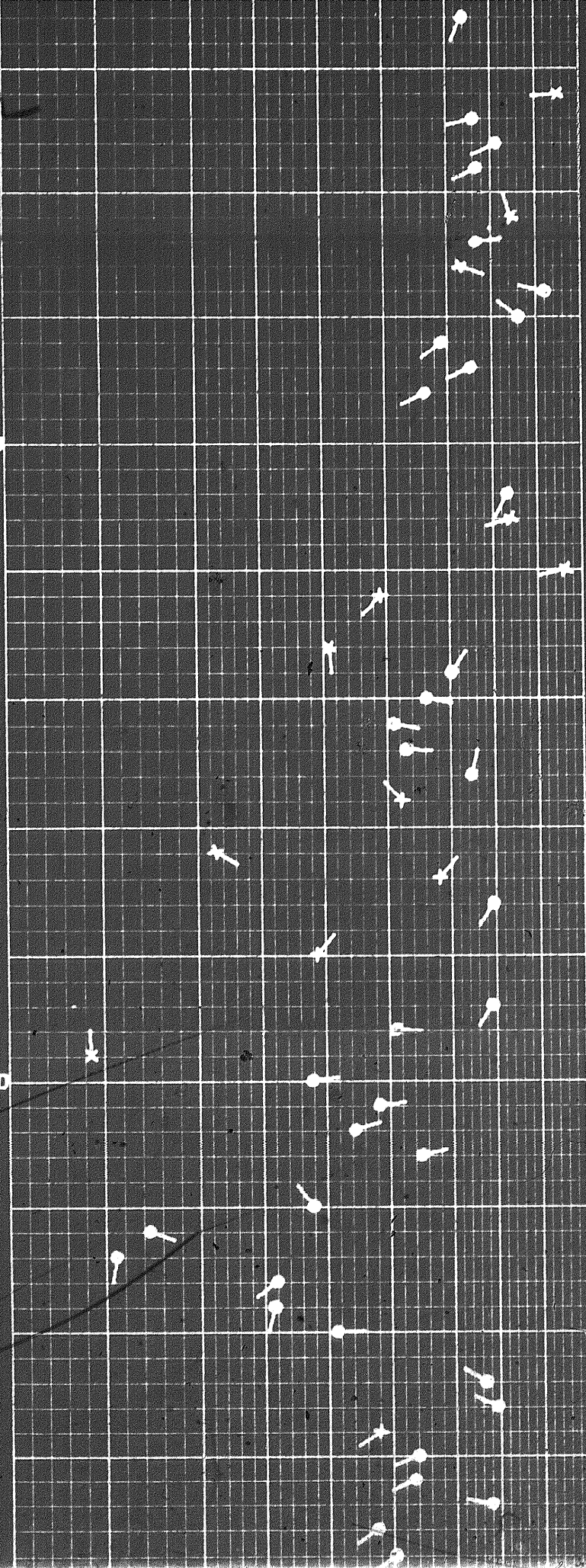
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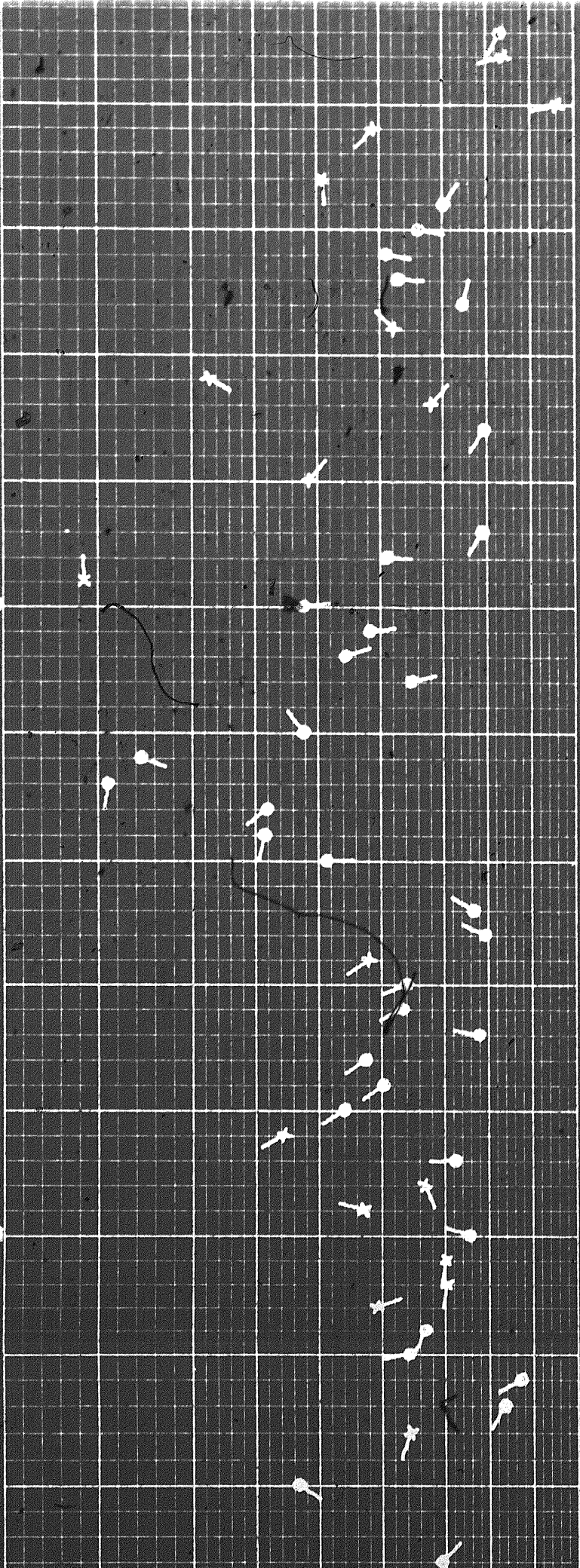
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6300



6300

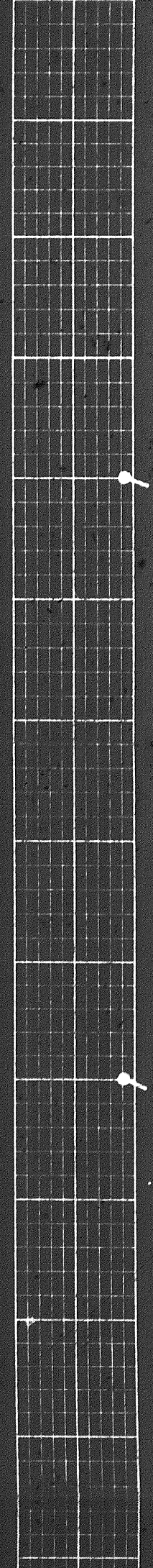
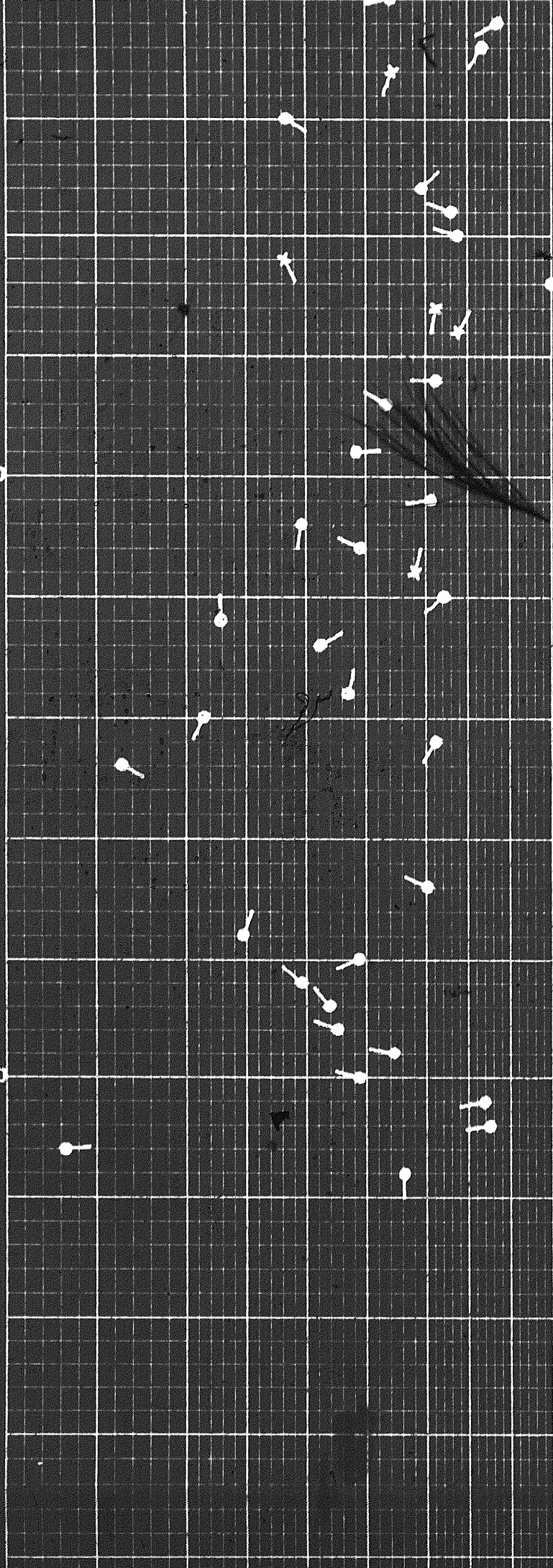
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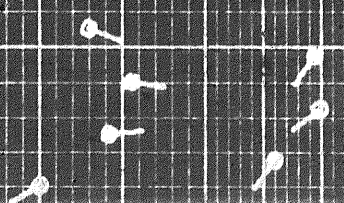
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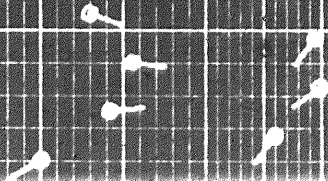
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REPEAT SECTION

2287F-3 5365 H



6300



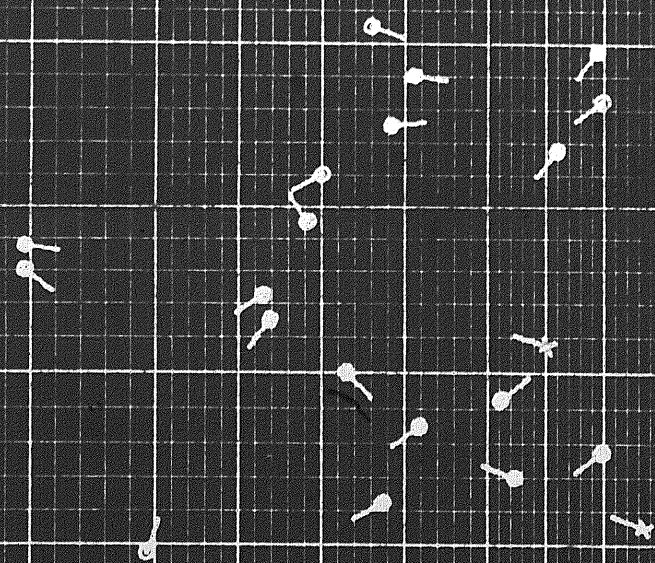
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2287F3 5365 W

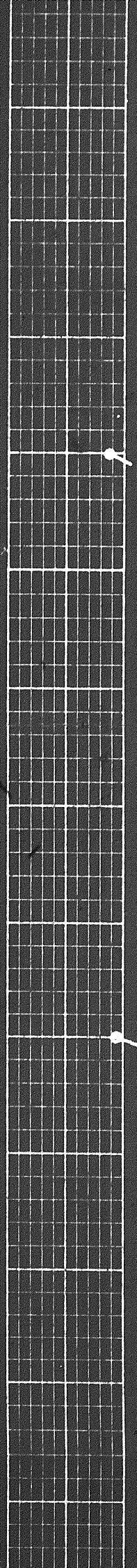
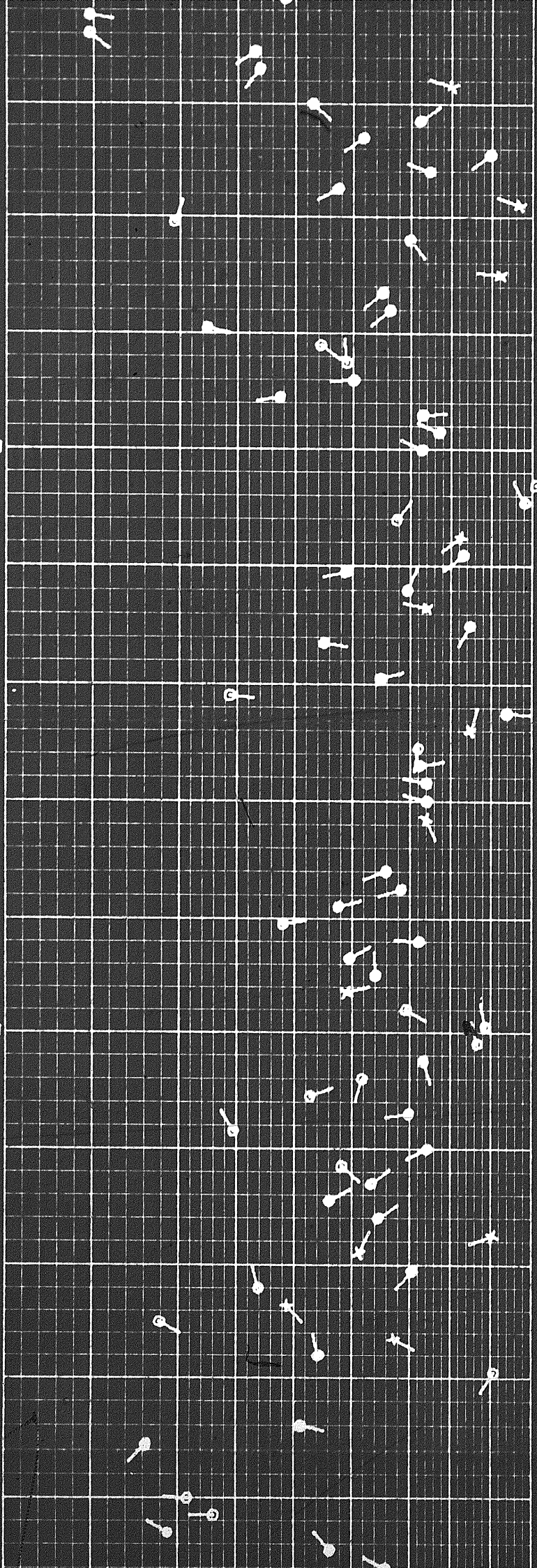


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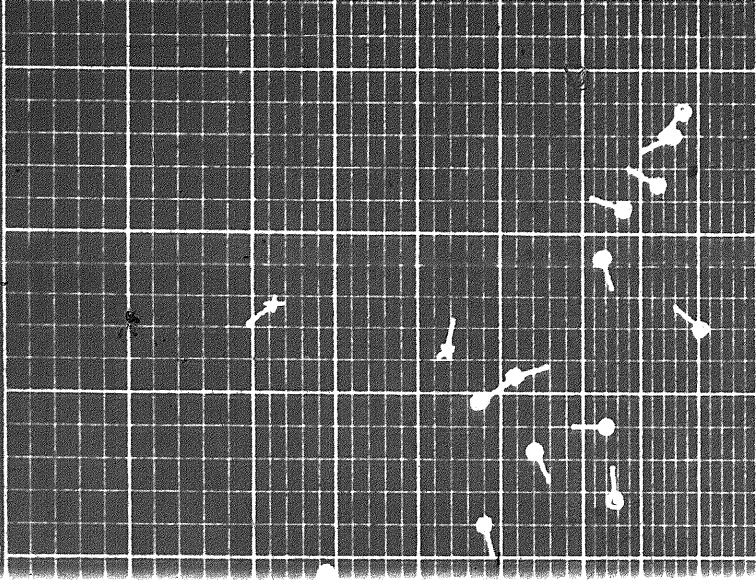
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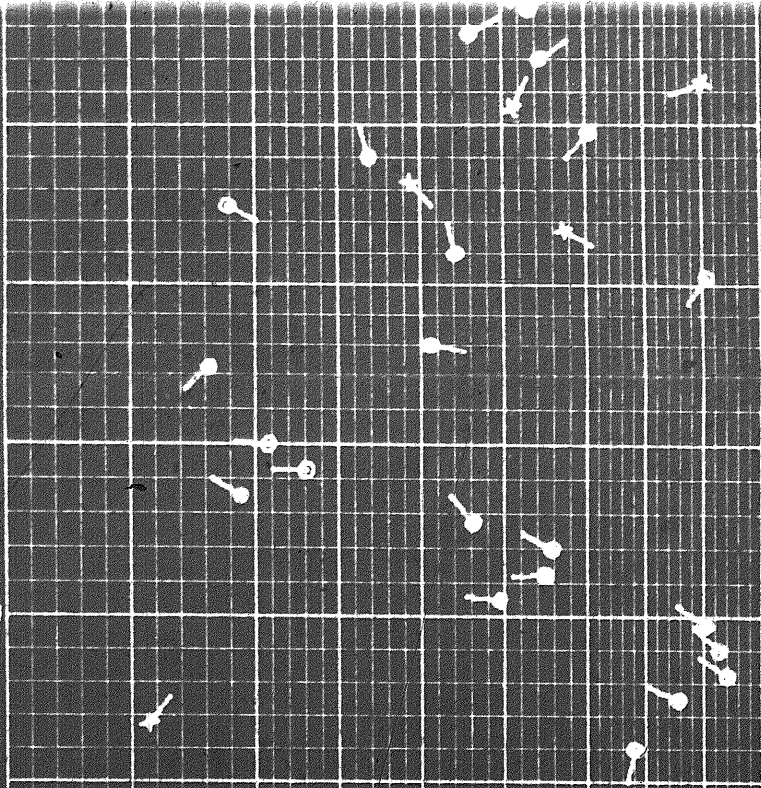
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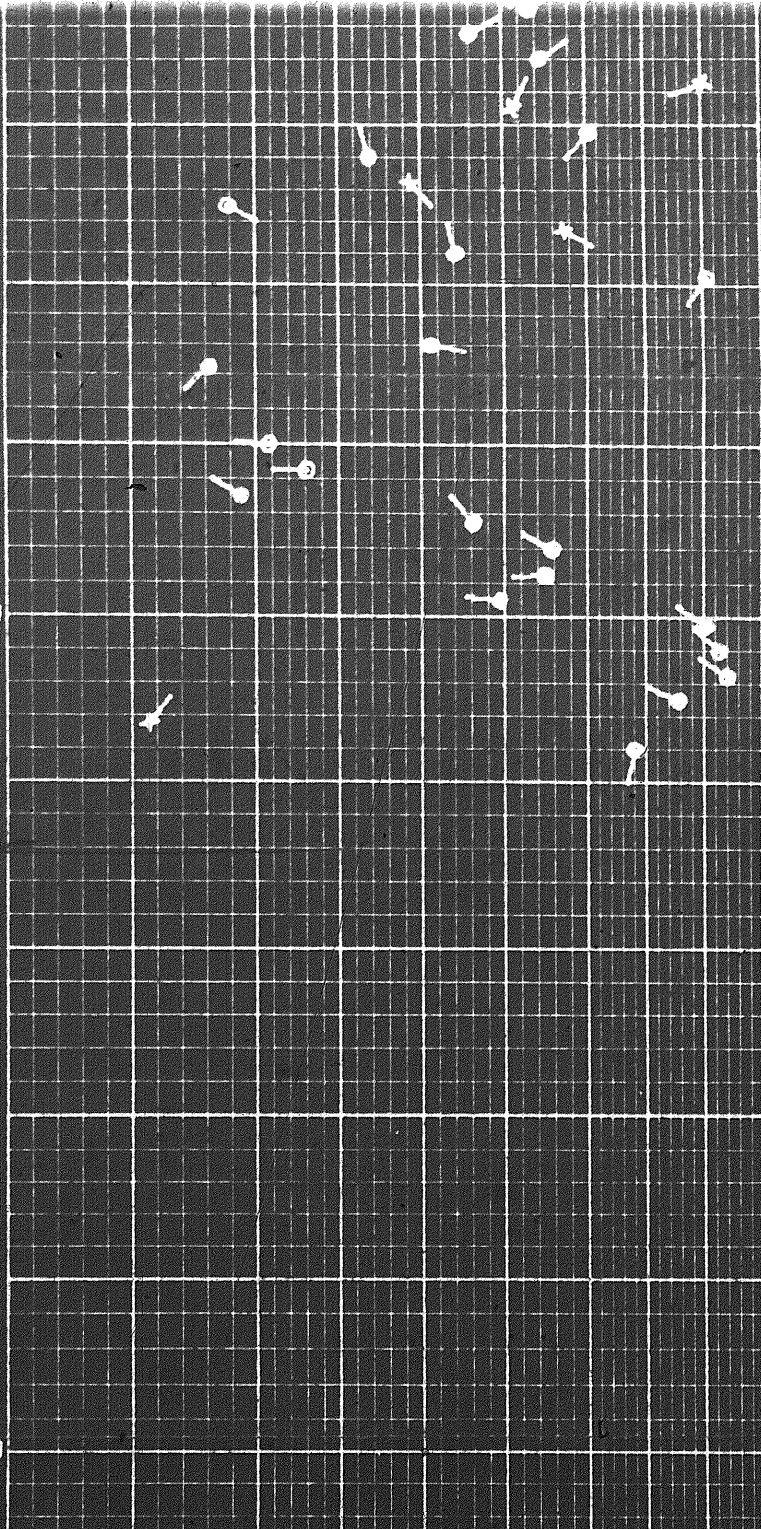
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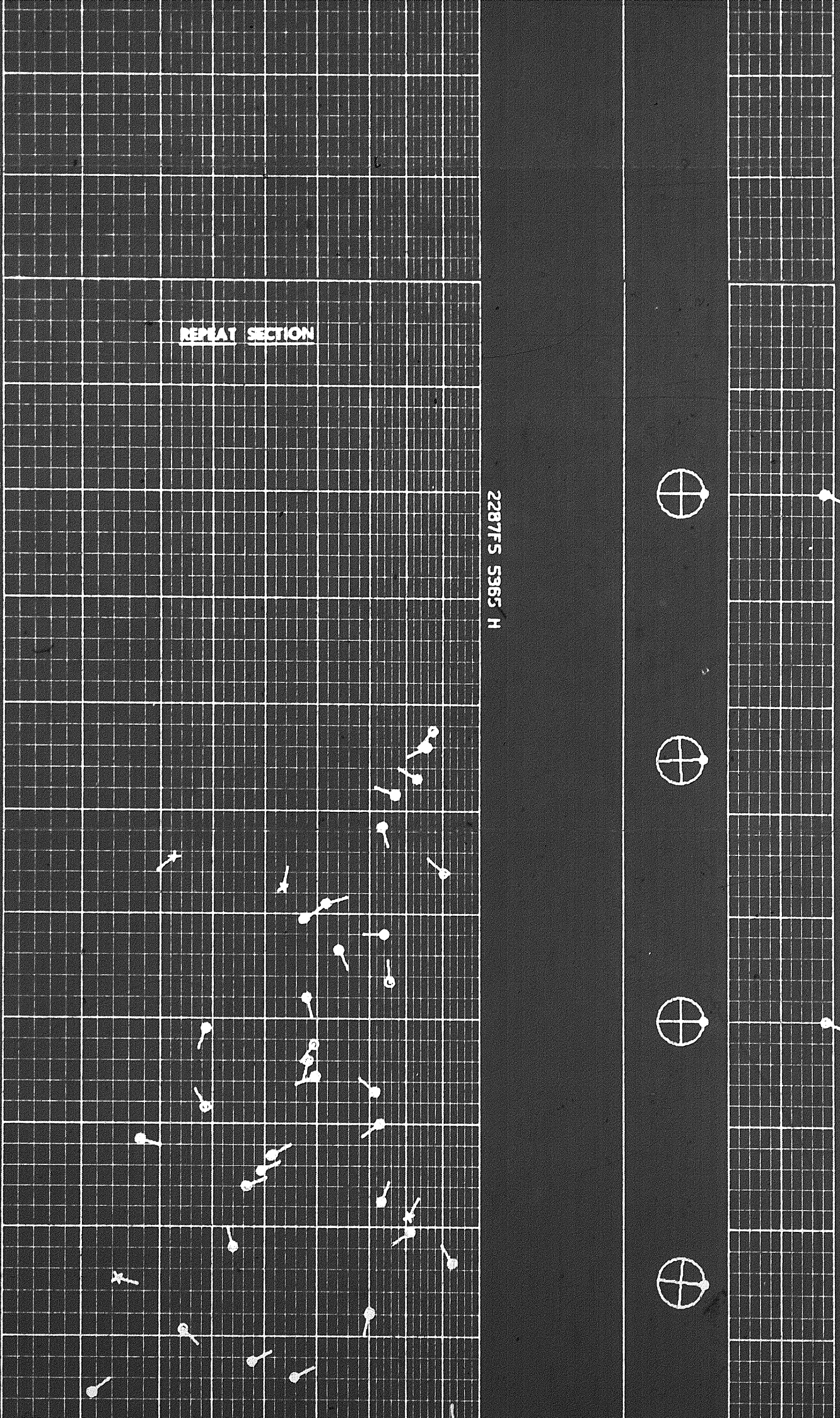
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REPEAT SECTION

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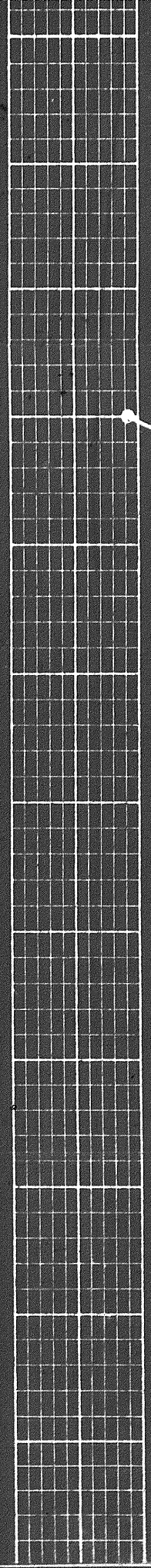
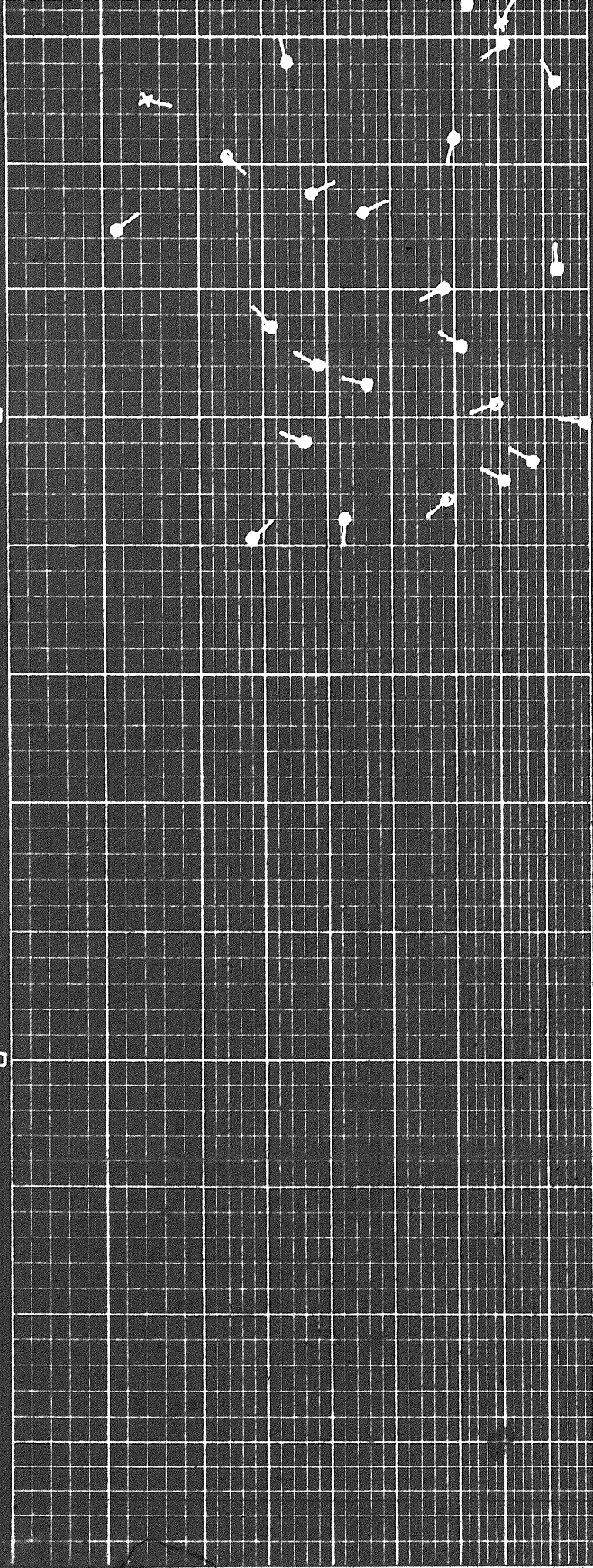
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0° 10° 20° 30° 40° 50° 60° 70° 80° 90°

DEPTHS TRUE DIP ANGLE

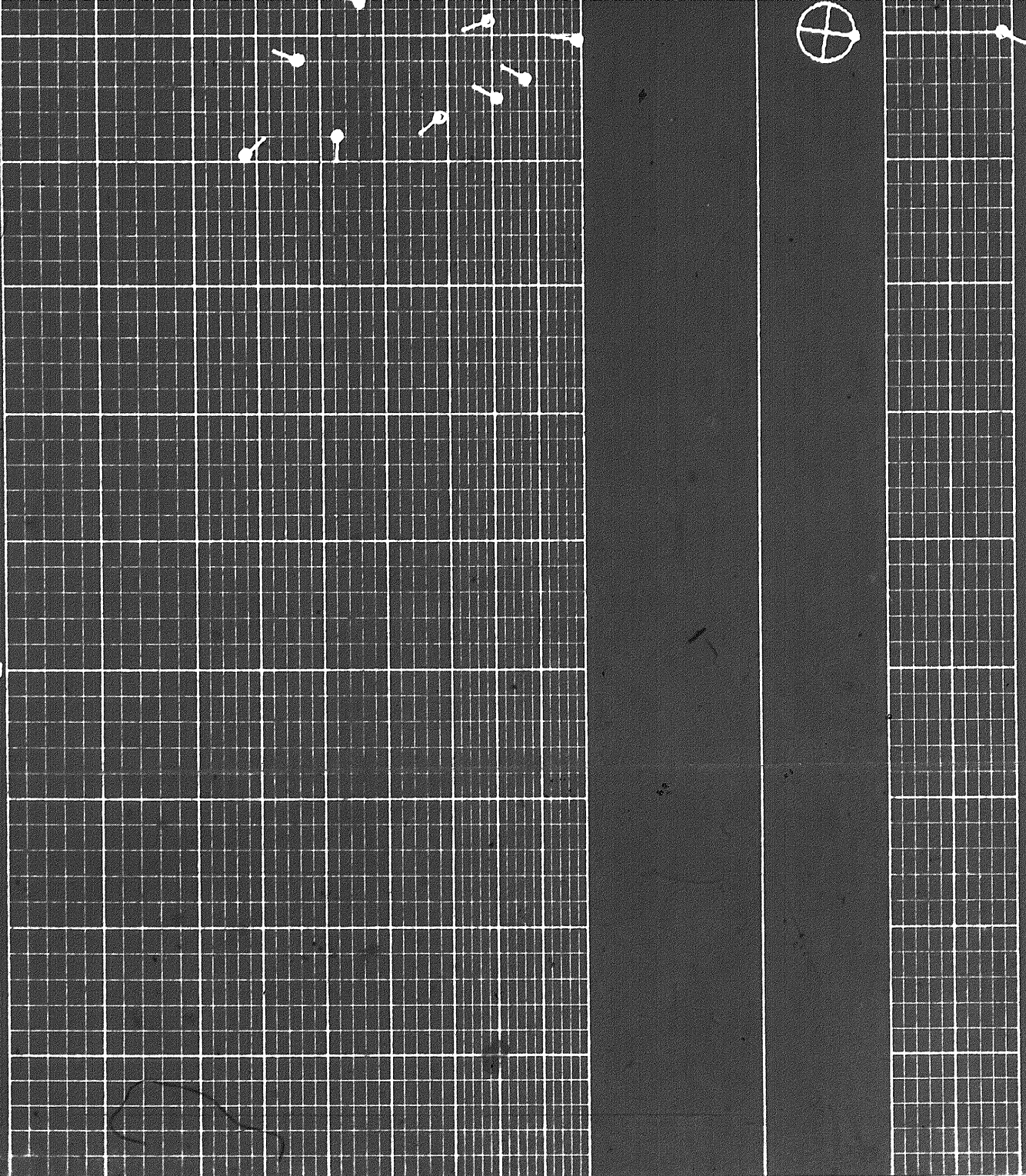
0° 20°

DRIFT & TRUE DRIFT DIRECTION OF SONDE

6600



6700



DEPTHS 0° 10° 20° 30° 40° 50° 60° 70° 80° 90° 0° 20°

TRUE DIP ANGLE

DRIFT &
TRUE DRIFT
DIRECTION
OF SONDE

COMPANY INTERNATIONAL NUCLEAR CORPORATION

WELL INC HJSKY AMOCO BLACKFLY YT M55

FIELD WILDCAT PROVINCE YUKON TERRITORIES

