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STUDY REPORT
ON
THE SURABAYA-BANJARMASIN
SUBMARINE CABLE PROJECT
IN
THE REPUBLIC OF INDONESIA

(VOLUME IV)

FIGURES AND DRAWINGS
(REDUCED DRAWINGS)

AUGUST 1986

JAPAN INTERNATIONAL COOPERATION AGENCY

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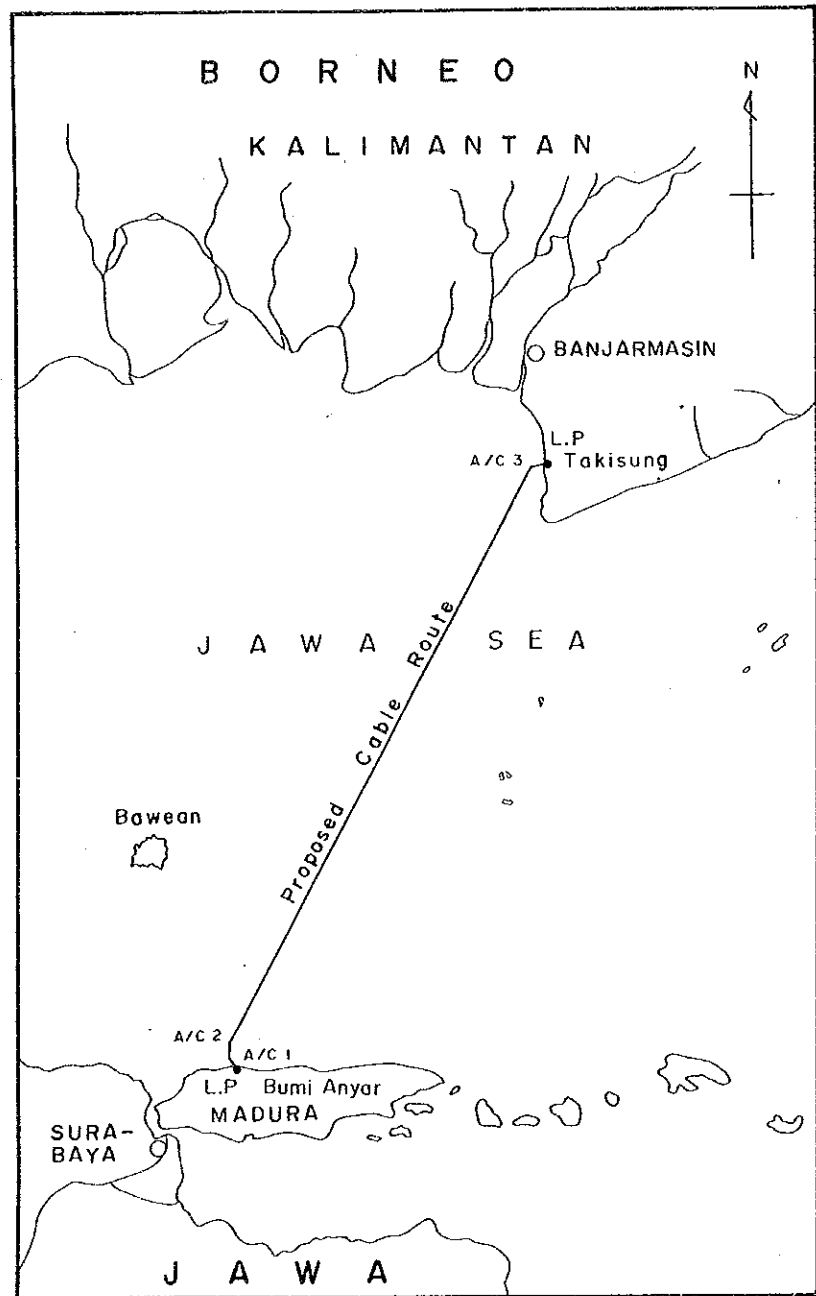
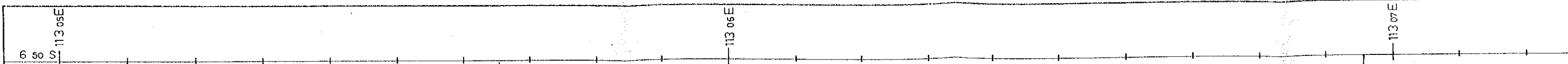
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国際協力事業団

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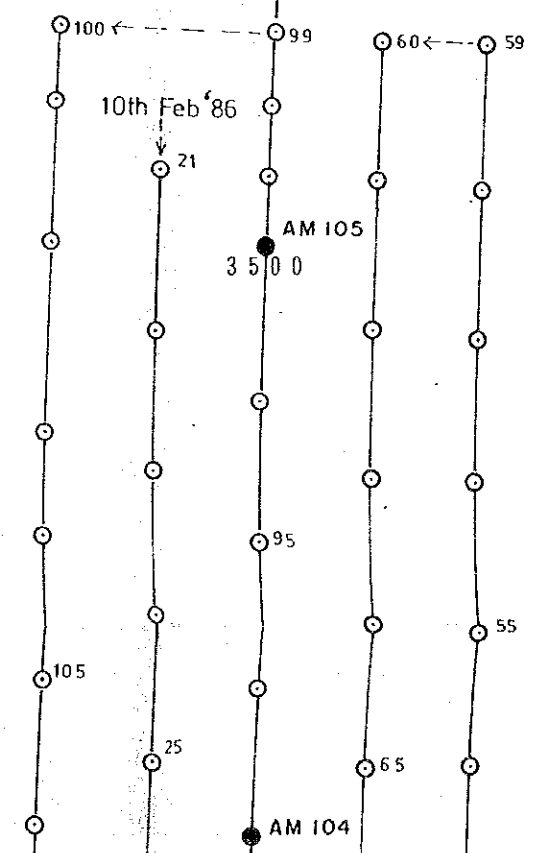
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- Figure 2. BATHYMETRIC AND CONTOUR CHART (BUMI ANYAR)
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SUPPLEMENT SURVEY (7 KM OFF TAKISUNG SHORE LINE)



km

4

To A/C 2



1/10000 (Lat. 5° 30' S Bessel)

113 06 E

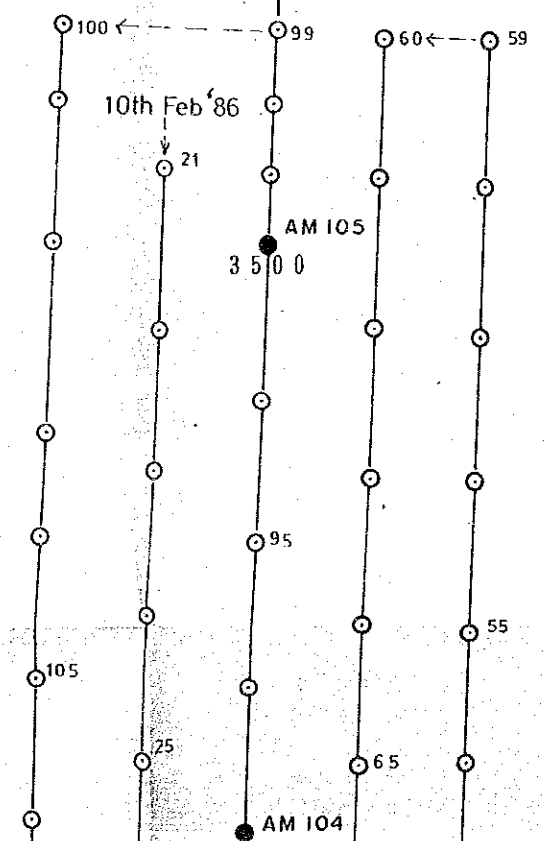
113 07 E

113 08 E

6 50 S



To A/C 2



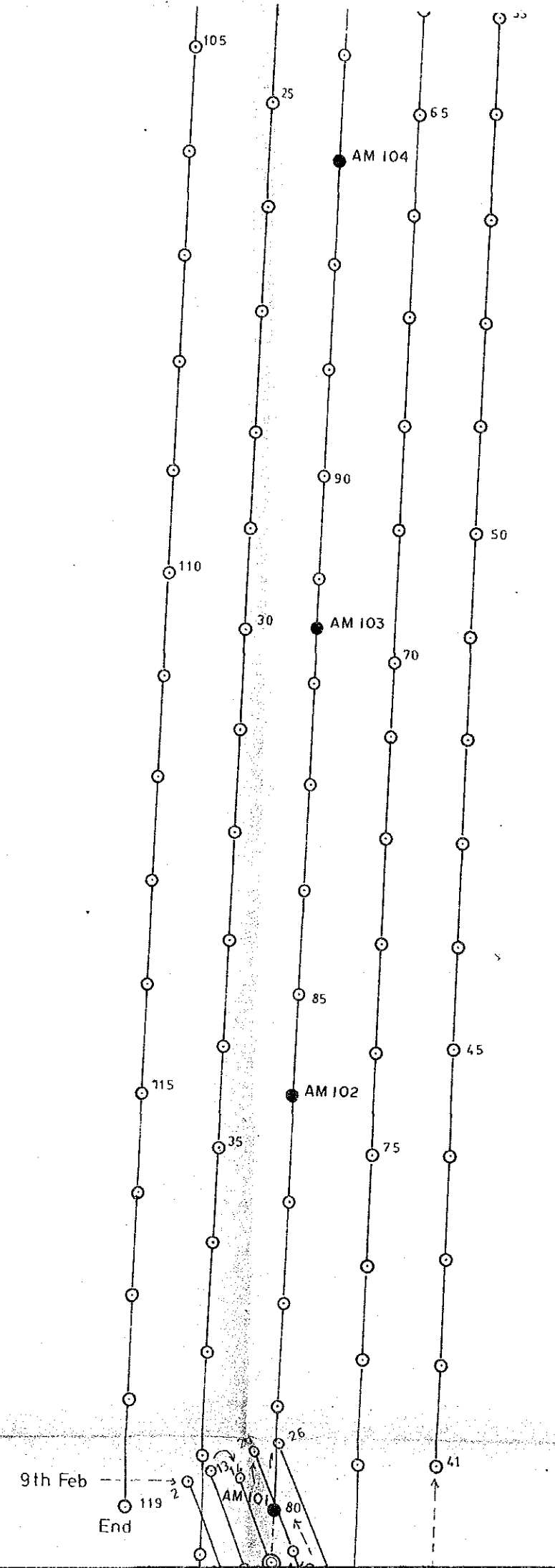
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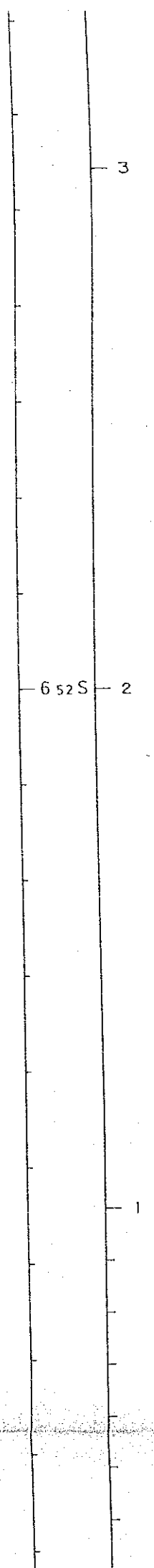
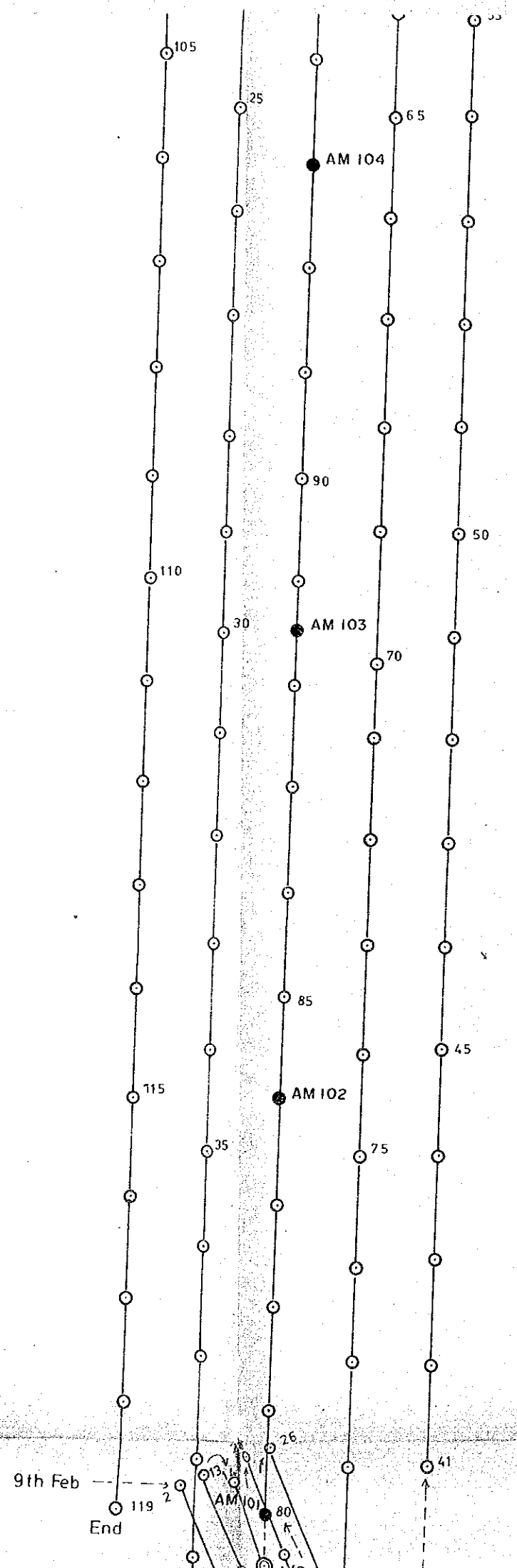
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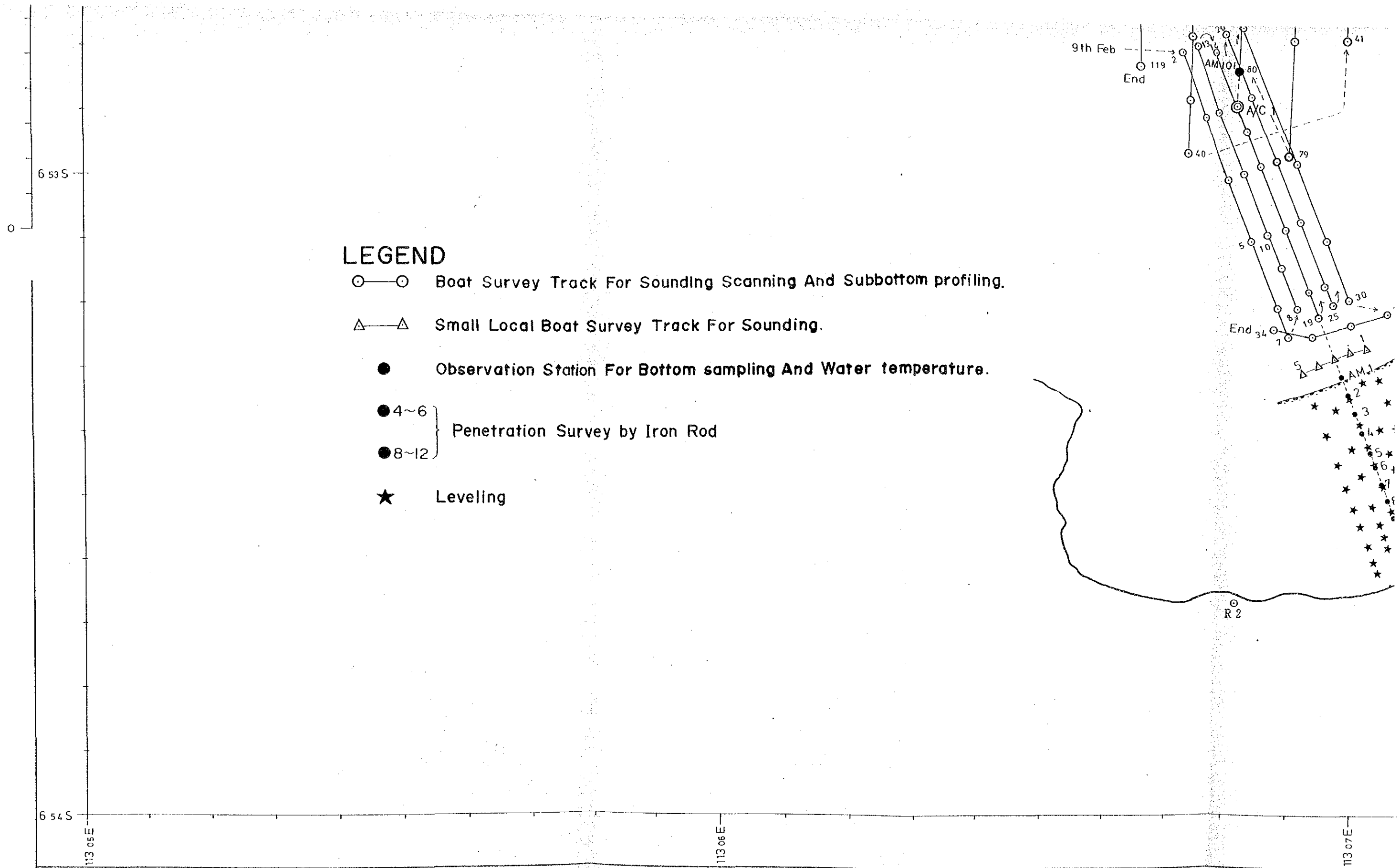
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2 6 52 S

1







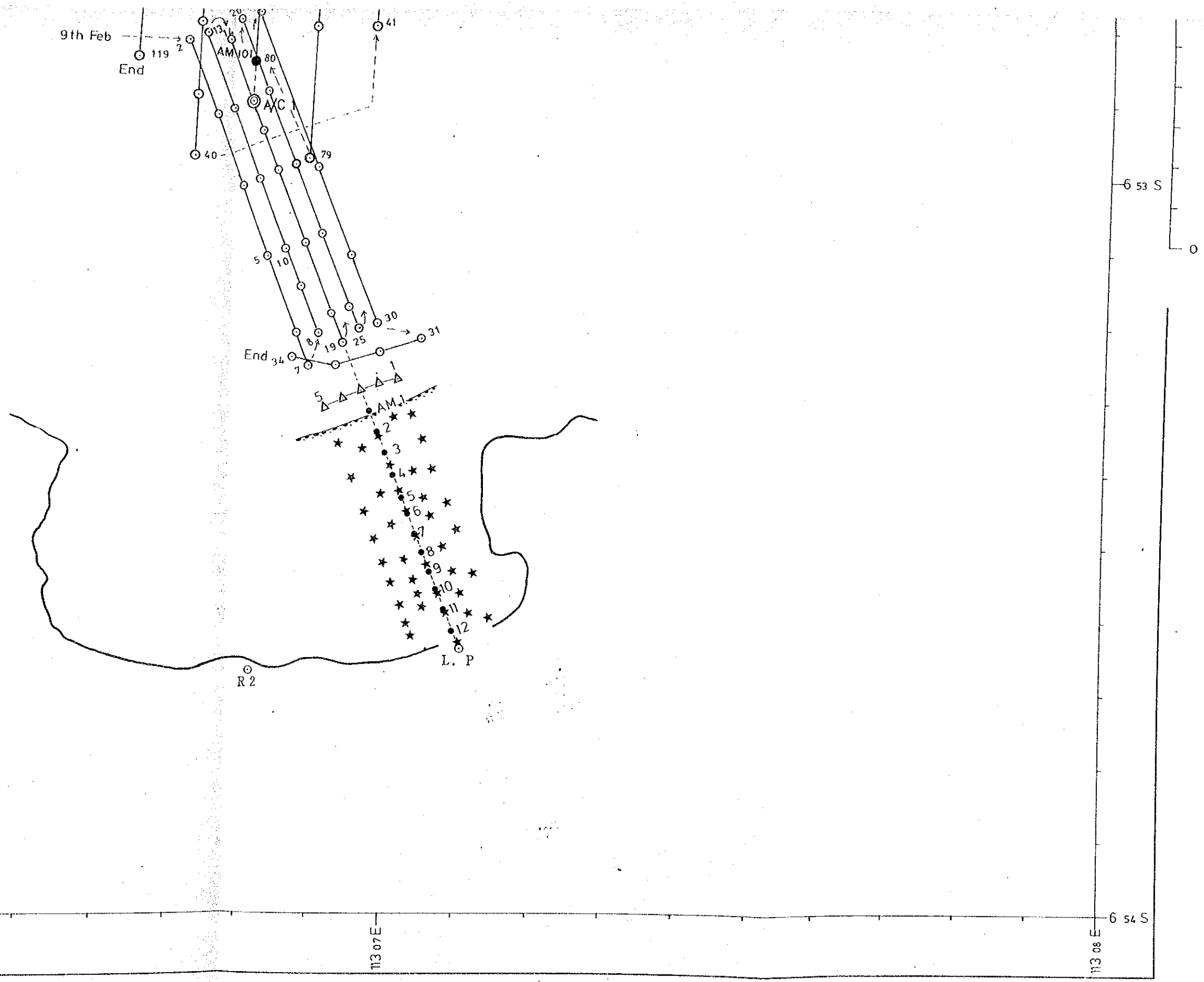
LEGEND

- Boat Survey Track For Sounding Scanning And Subbottom profiling.
- △—△ Small Local Boat Survey Track For Sounding.
- Observation Station For Bottom sampling And Water temperature.
- 4~6 } Penetration Survey by Iron Rod
- 8~12 }
- ★ Leveling

Figure 1

COASTAL SURVEY TRACKS (BUMI AN)

Scanning And Subbottom profiling.
 or Sounding.
 Sampling And Water temperature.



AL SURVEY TRACKS (BUMI ANYAR)

Mercator's Projection

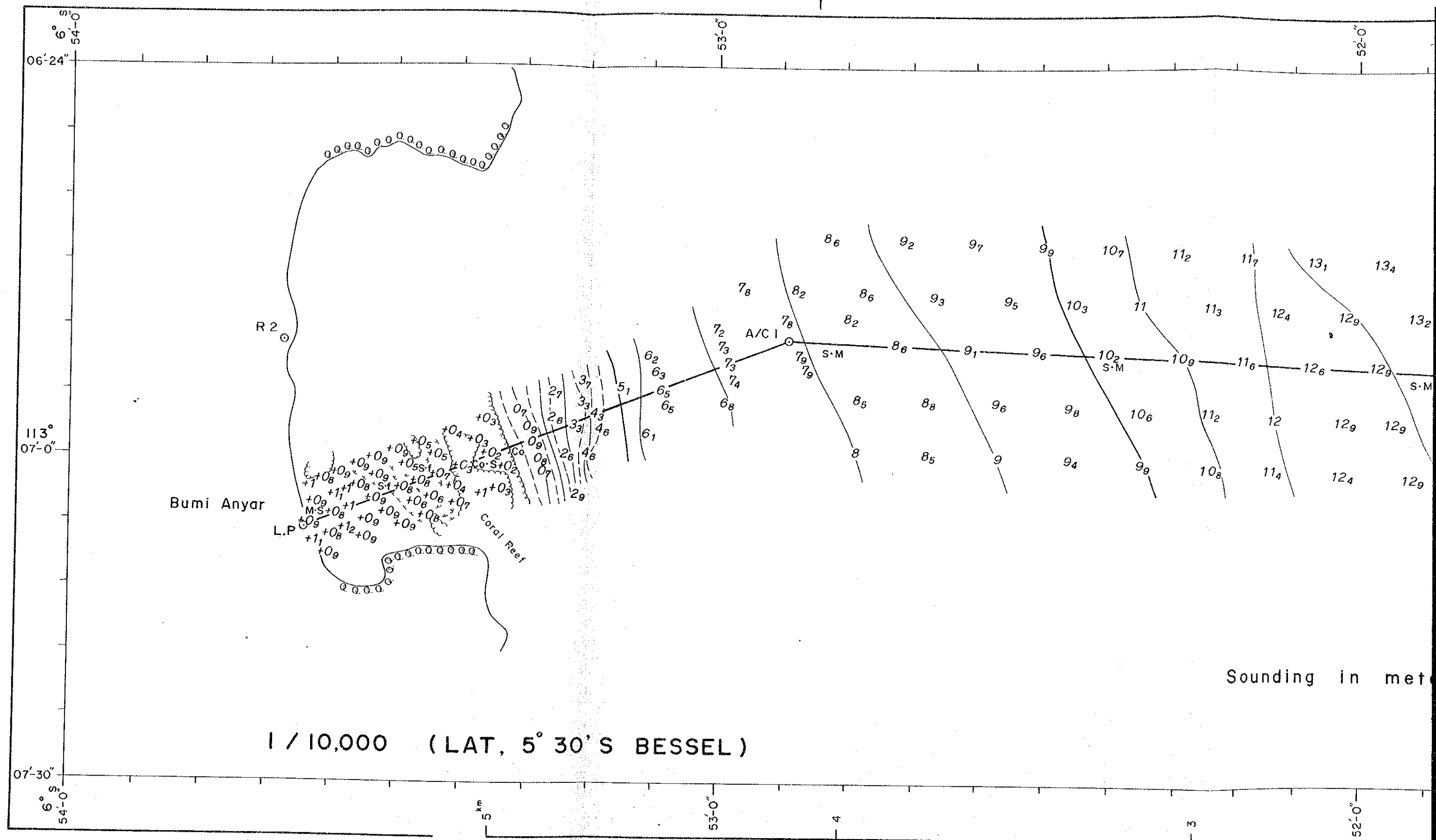
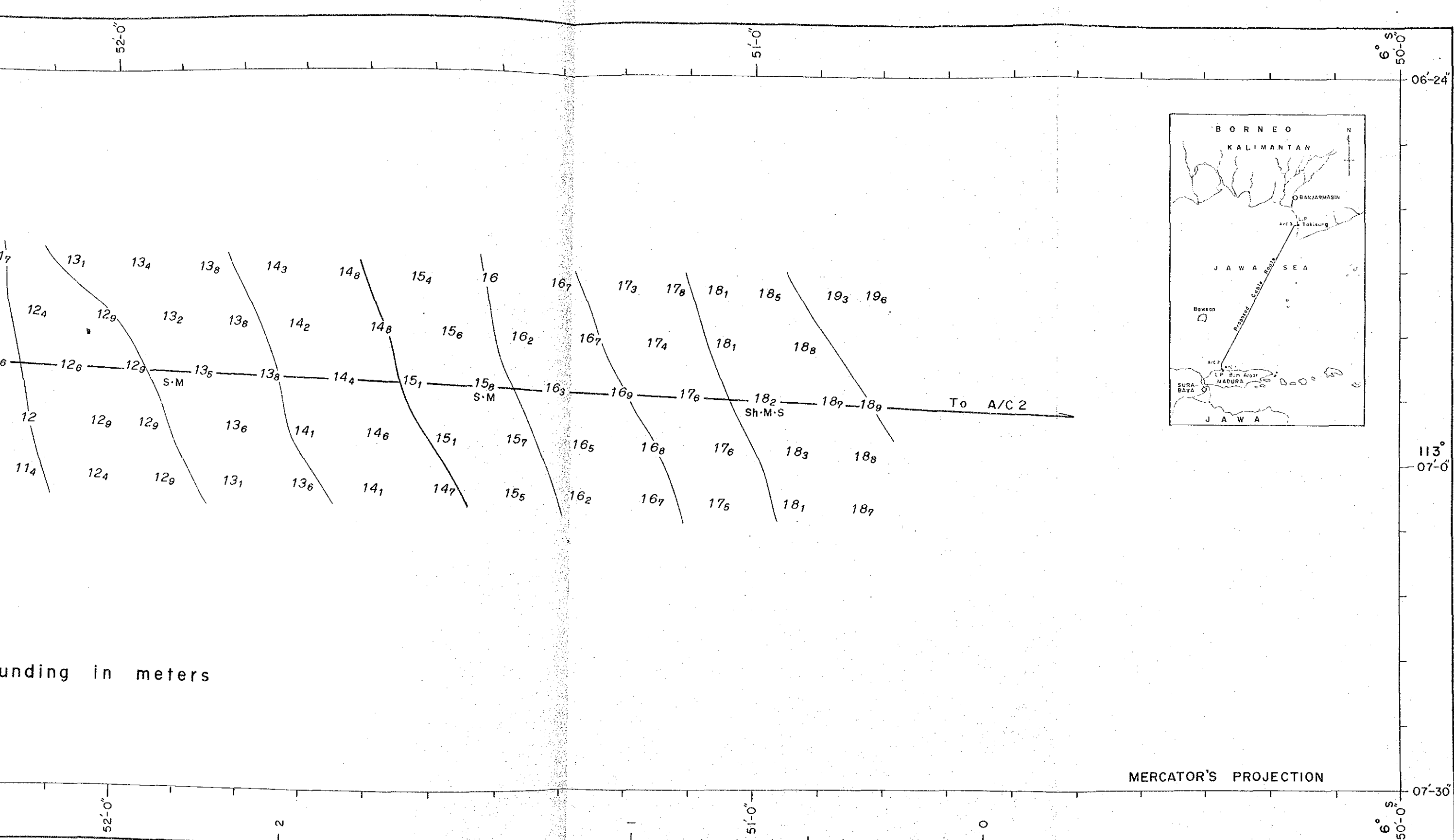


Figure 2

BATHYMETRIC AND CONTOUR CHART



UR CHART (BUMI ANYAR APPROACH)

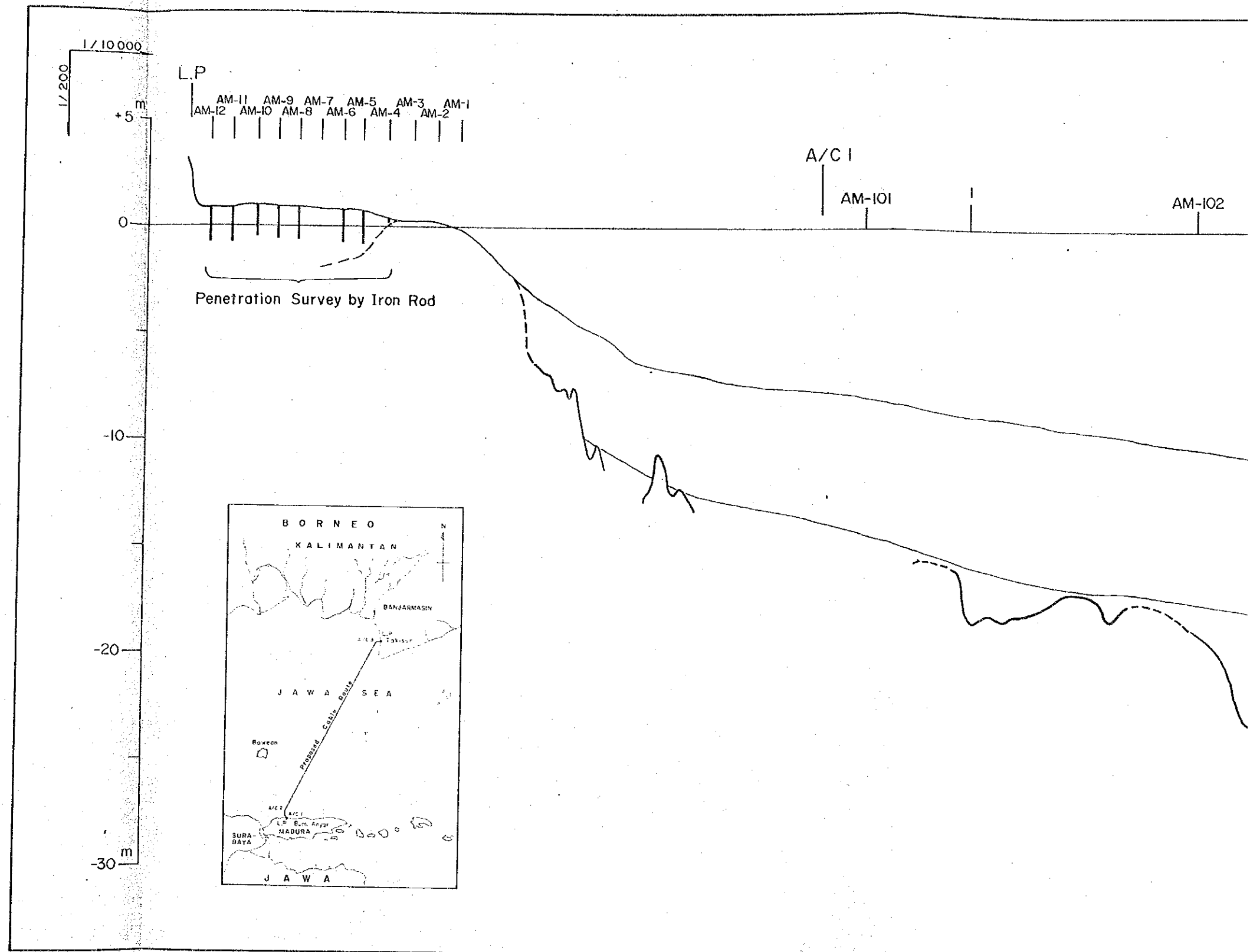
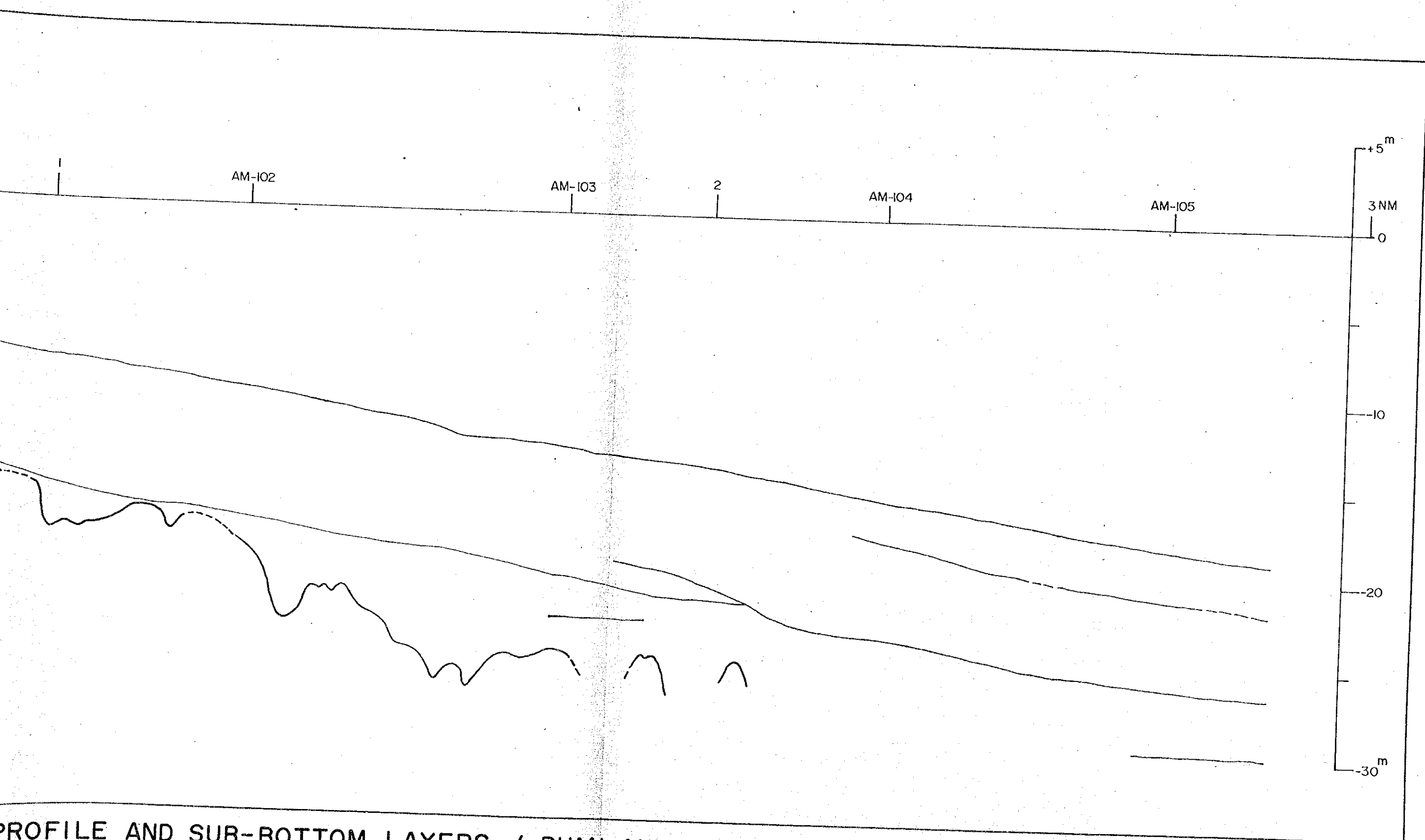


Figure 3

BOTTOM PROFILE AND SUB-B



PROFILE AND SUB-BOTTOM LAYERS (BUMI ANYAR APPROACH)

3° 114° 32-0E
51-0S

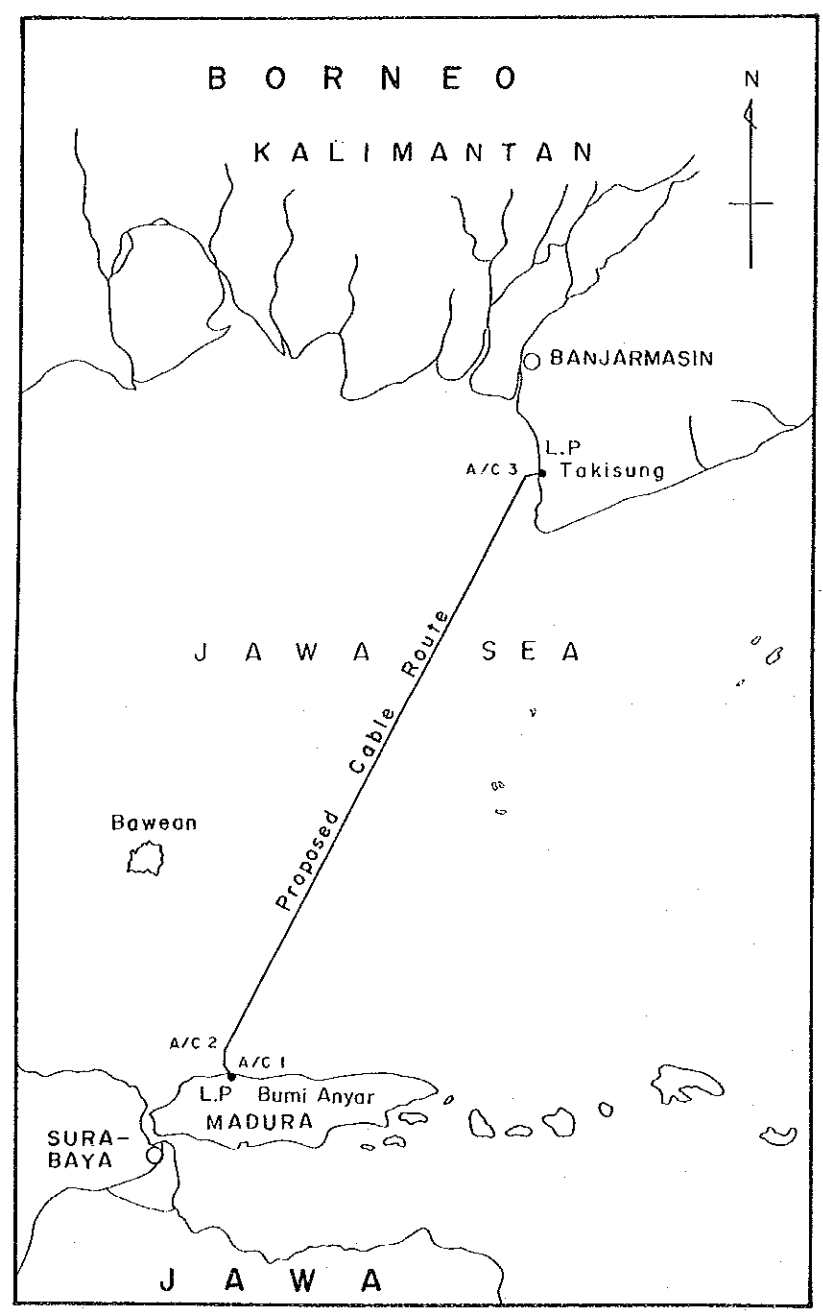
33-0

34-0

km
4

3

52-0



34-0

35-0

36-0

1/10000 (Lat. 5° 30' S Bessel)

36-0

37-0

114° 38' 00" E
3° 51' 00" S



km
4

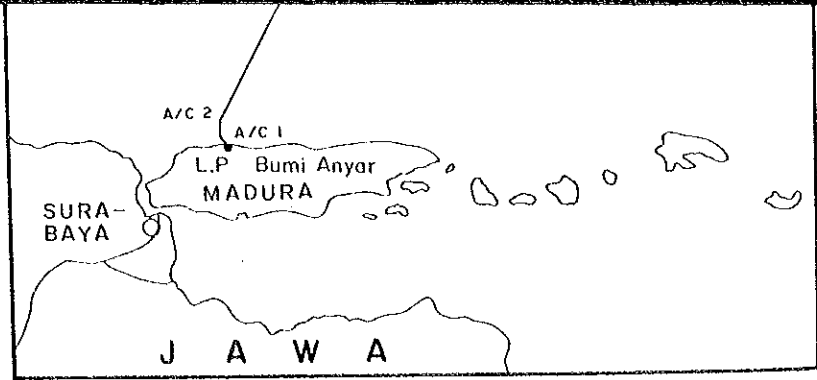
3

52-0

BH1

3

52-0



2

53-0

1

To A/C 3

34

0-1

30

25

35

End

133

85

24

23

84

84

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84

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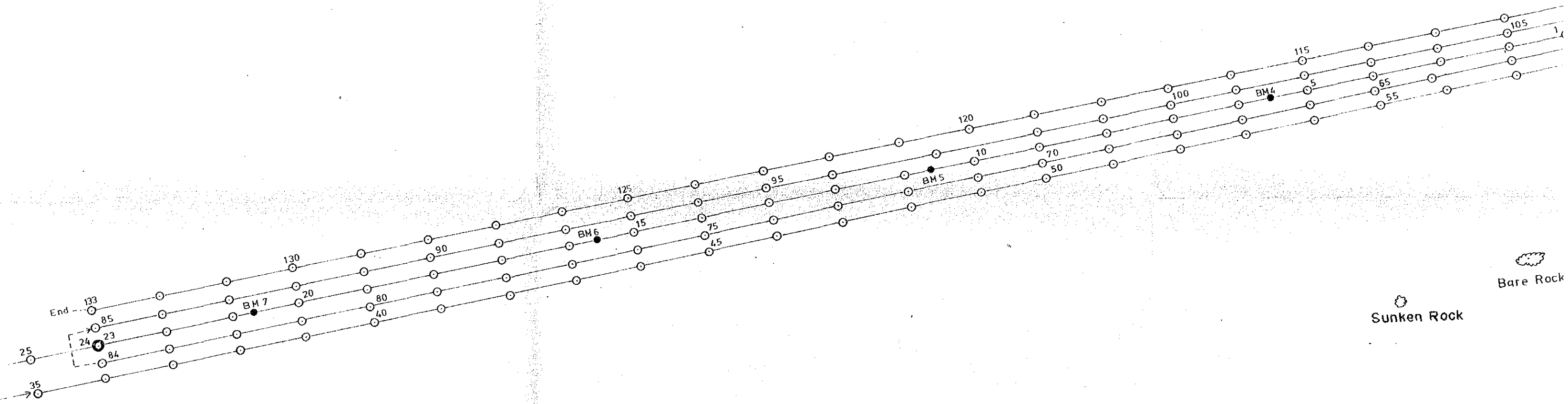
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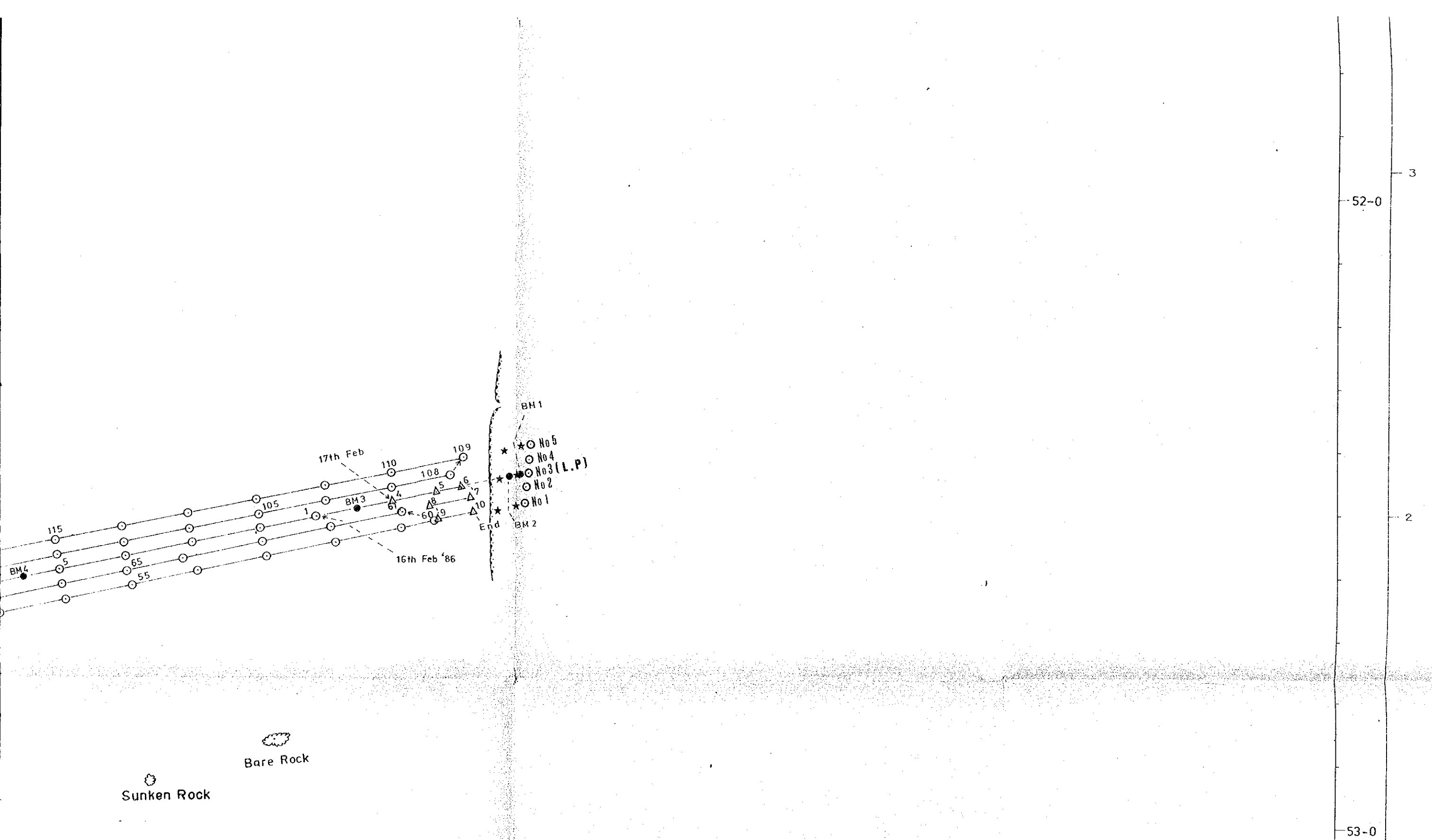
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84





LEGEND

- Local Boat Survey Track For Sounding, Scanning, and Subbottom profiling.
- △—△ Small Local Boat Survey Track For Sounding.
- Observation Station For Bottom sampling And Water temperature.
- 1-2 Penetration Survey by Iron Rod
- ★ Leveling

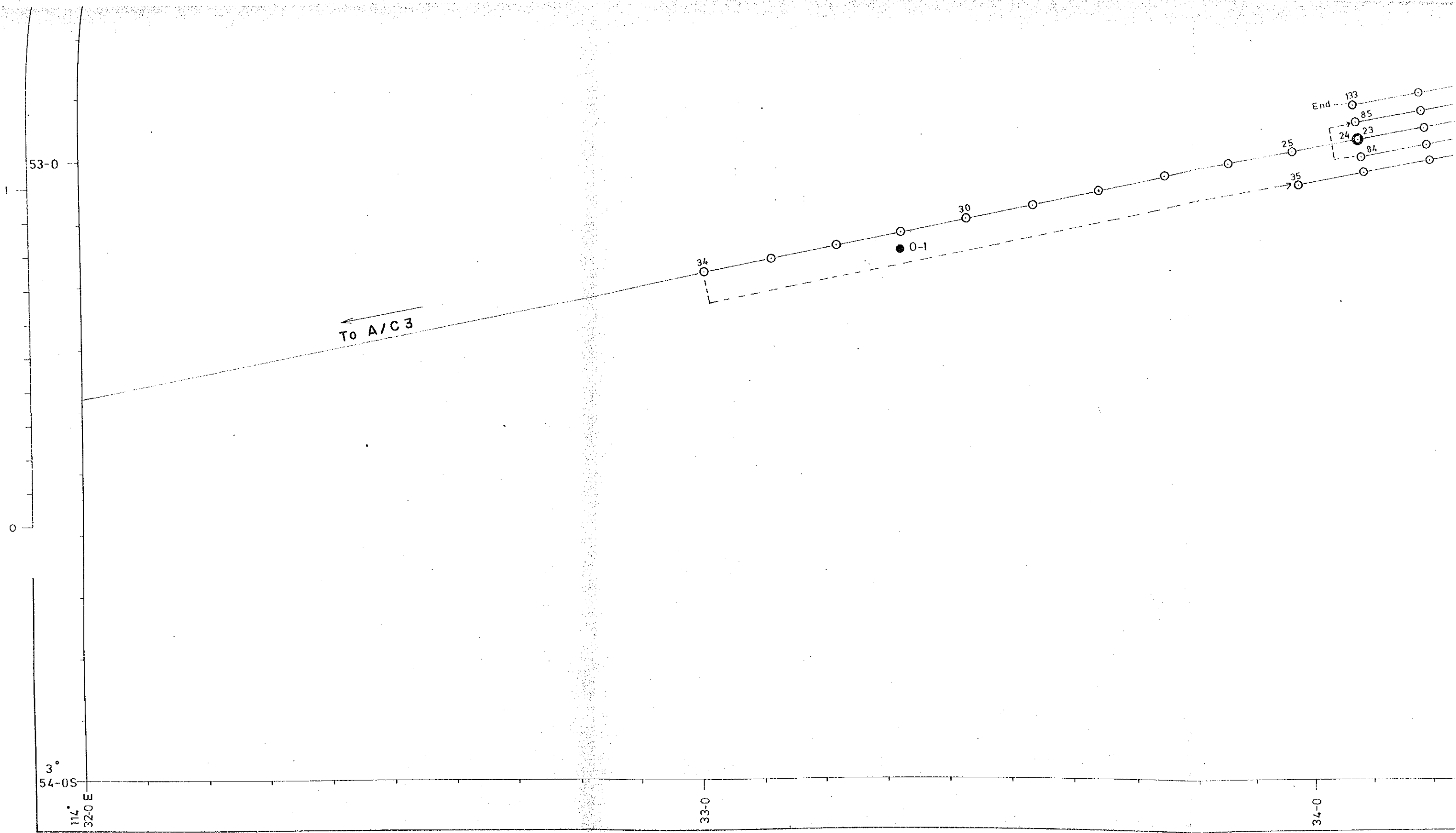
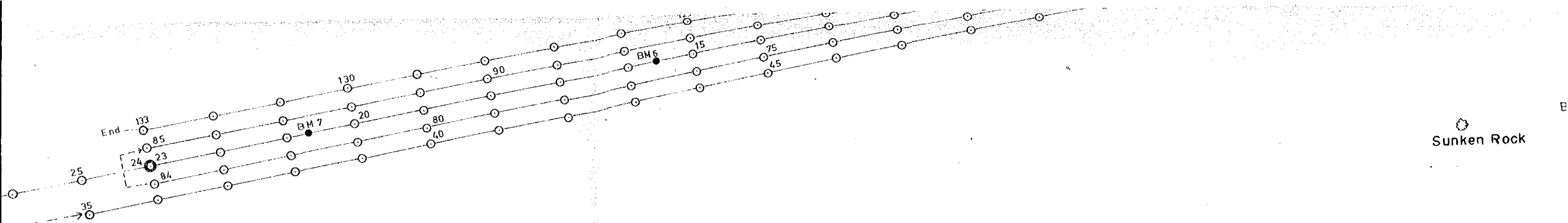


Figure 4



34-0

35-0

36-0

COASTAL SURVEY TRACKS (TAKISUNG)

Sunken Rock

Bare Rock

LEGEND

- Local Boat Survey Track For Sounding, Scanning, and Subbottom profiling.
- △—△ Small Local Boat Survey Track For Sounding.
- Observation Station For Bottom sampling And Water temperature.
- 2 Penetration Survey by Iron Rod
- ★ Leveling

36-0

37-0

114°
38-0 E

3°
54-0 S

53-0

Mercator's Projection

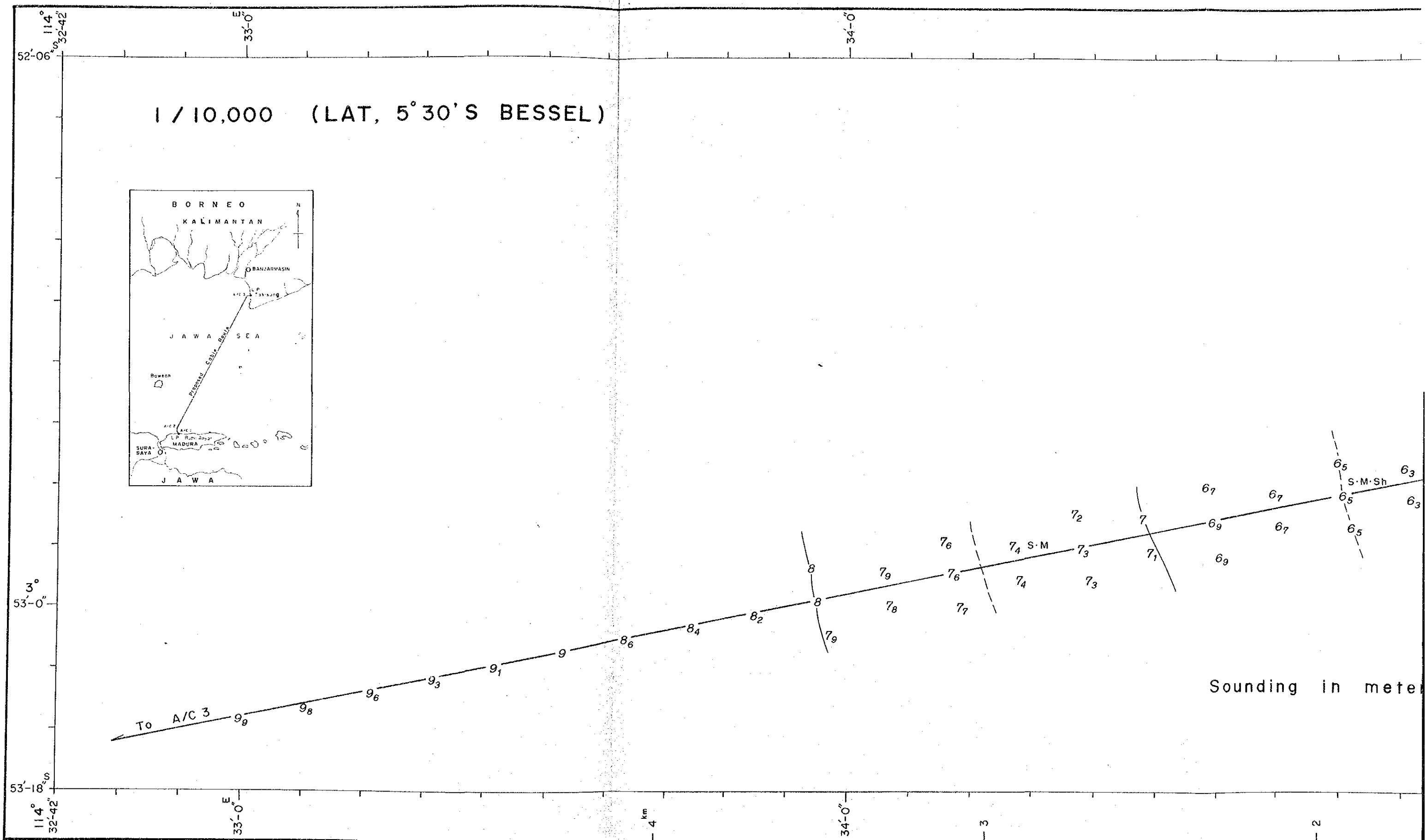
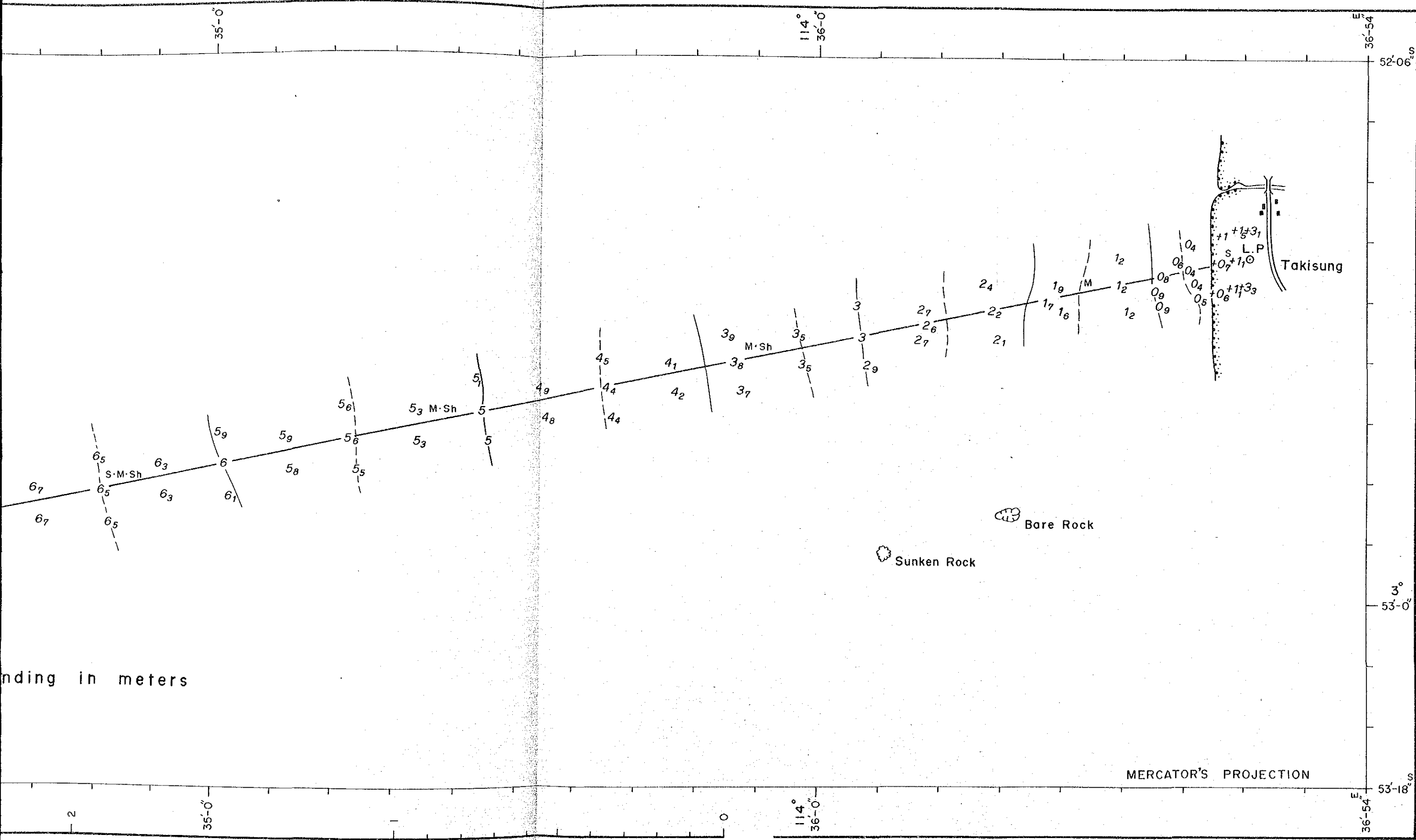


Figure 5

BATHYMETRIC AND CONTOUR CHART



nding in meters

OUR CHART (TAKISUNG APPROACH)

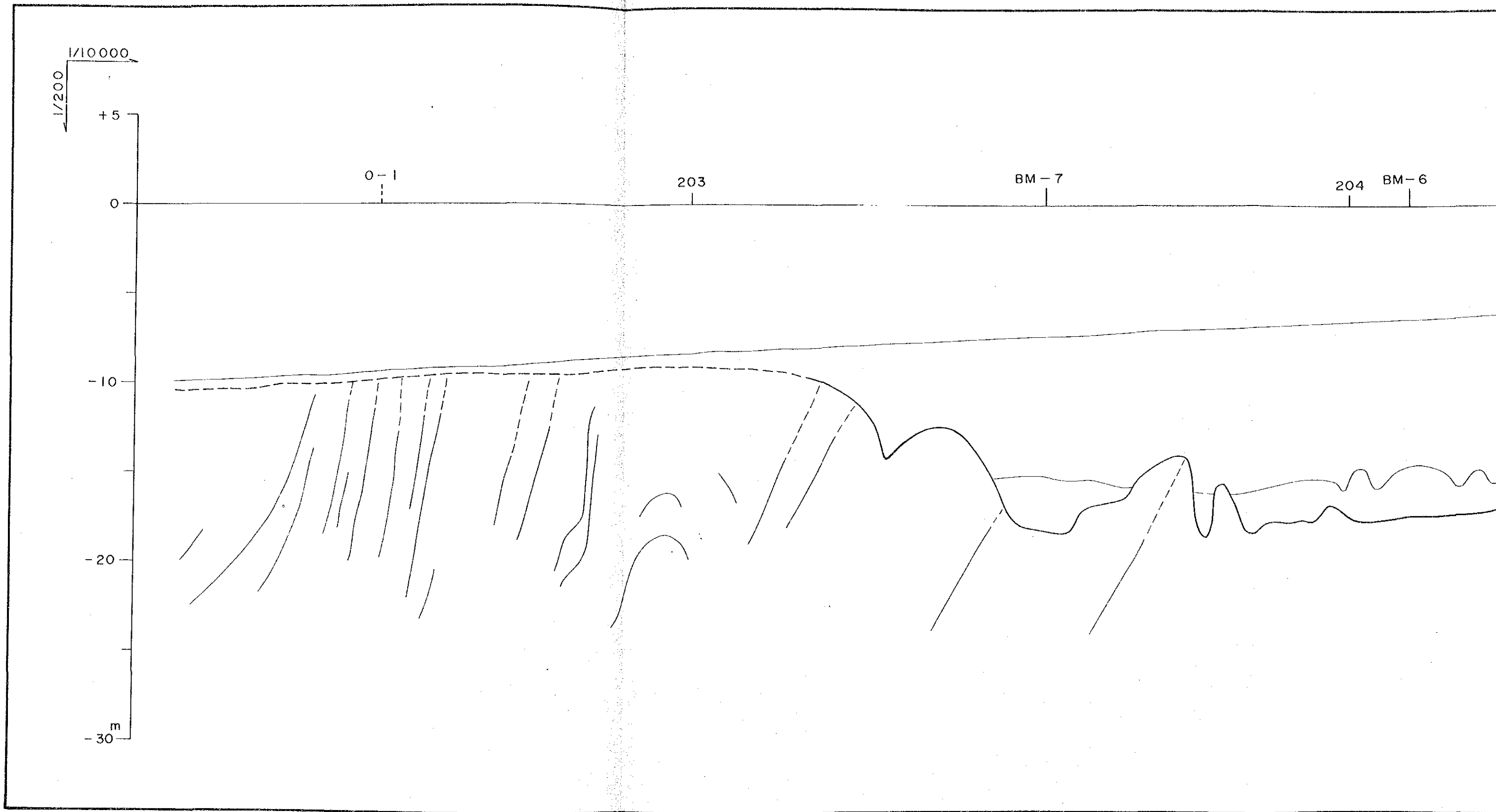
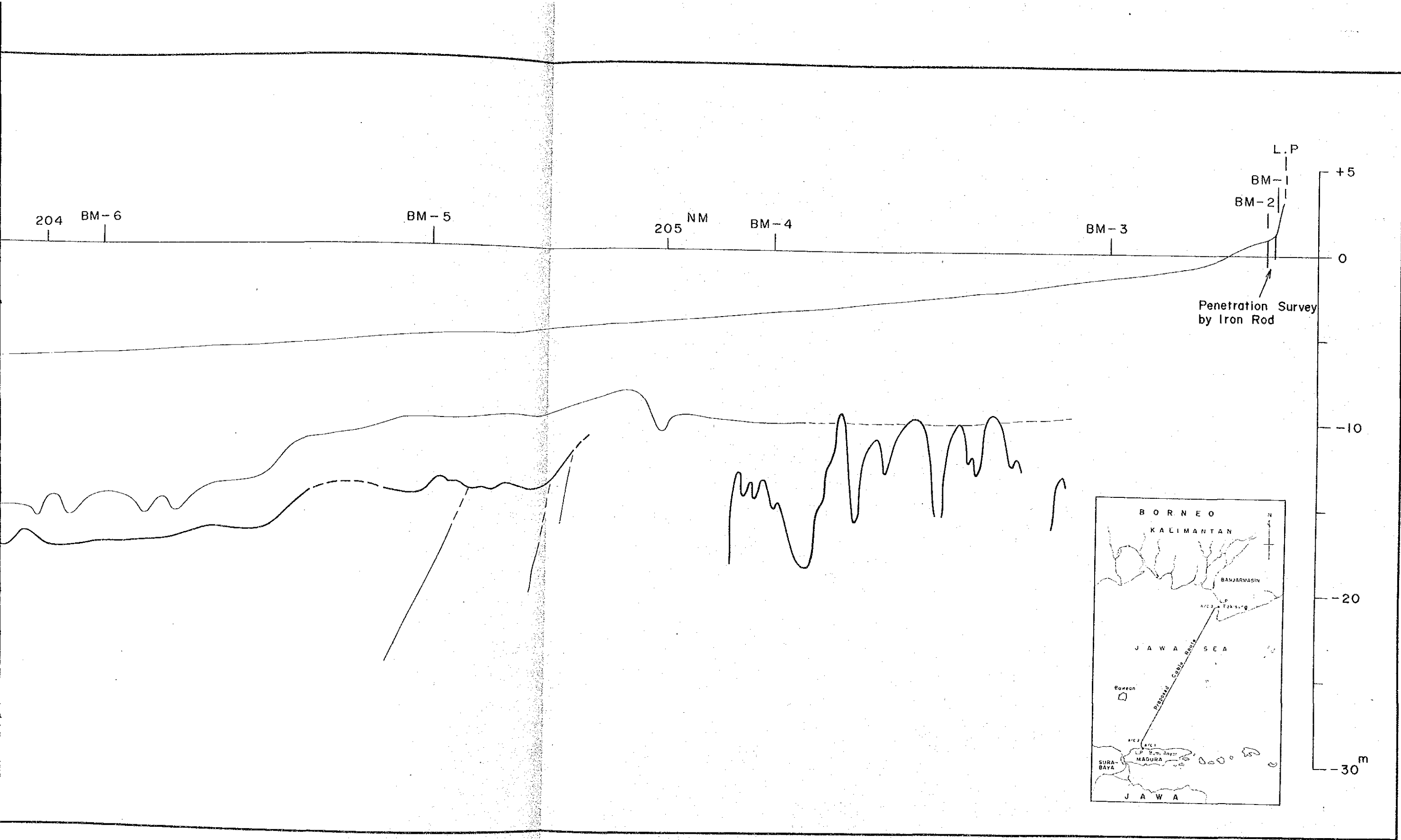


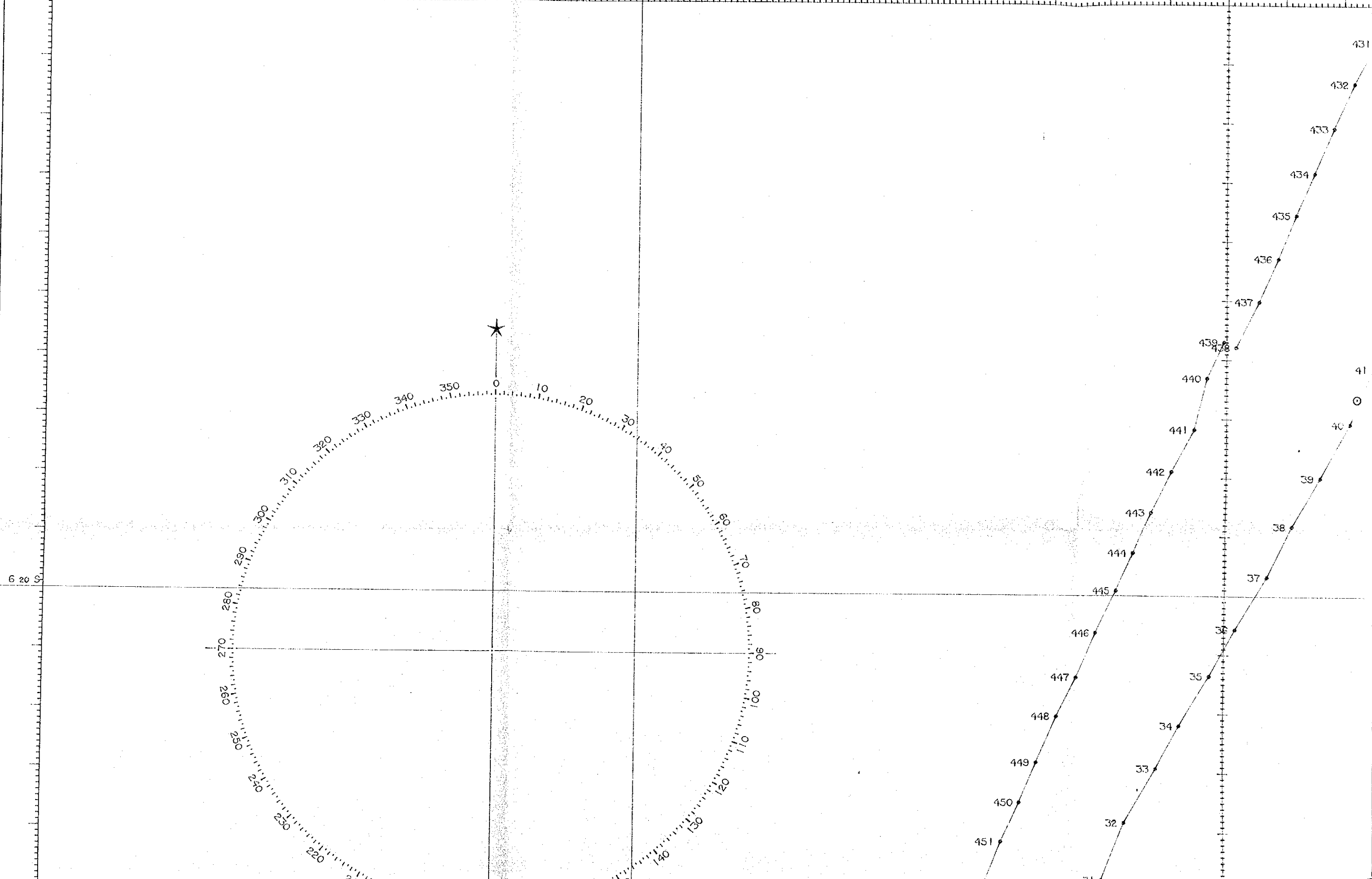
Figure 6

BOTTOM PROFILE AND SUB-BOTTOM

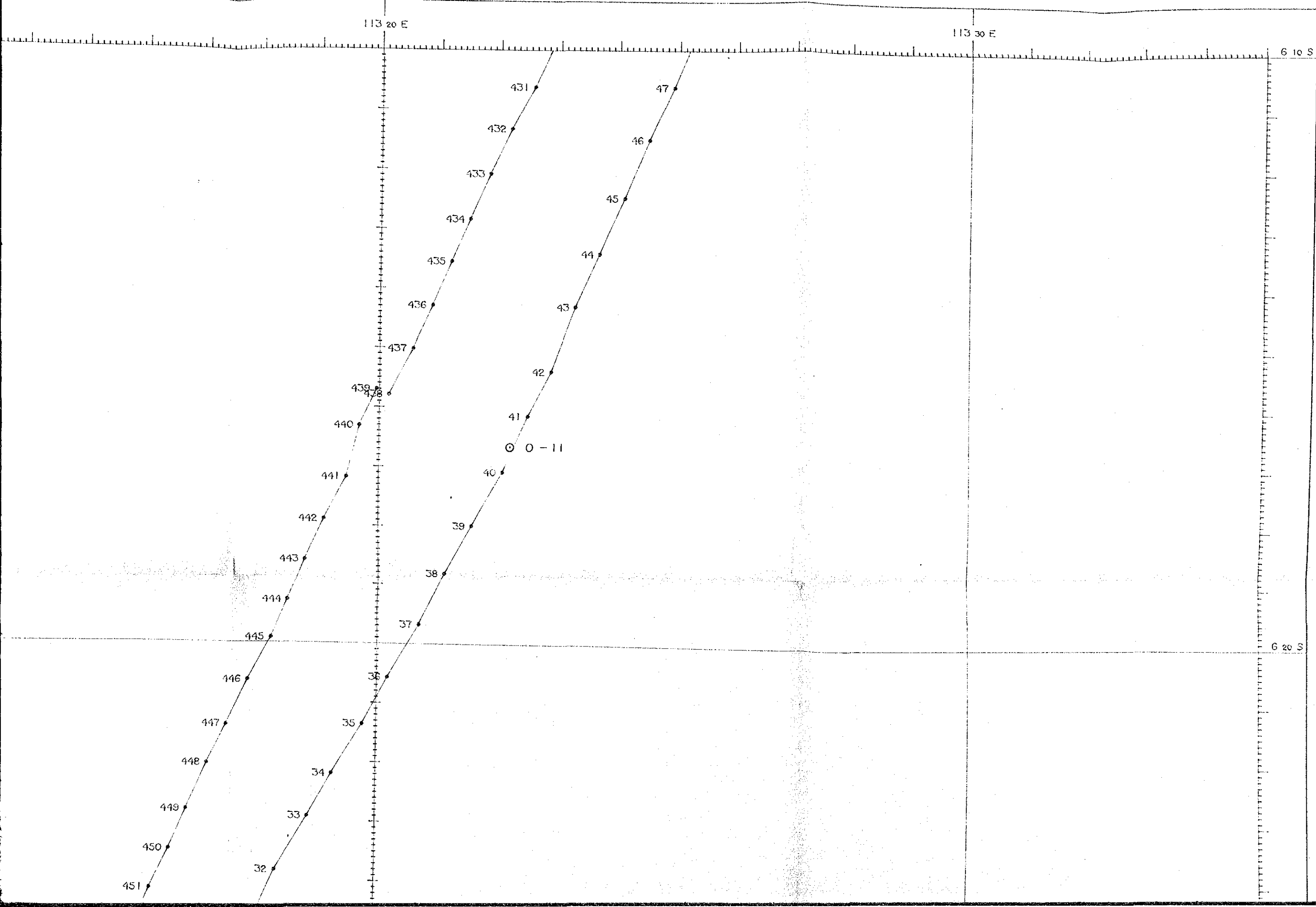


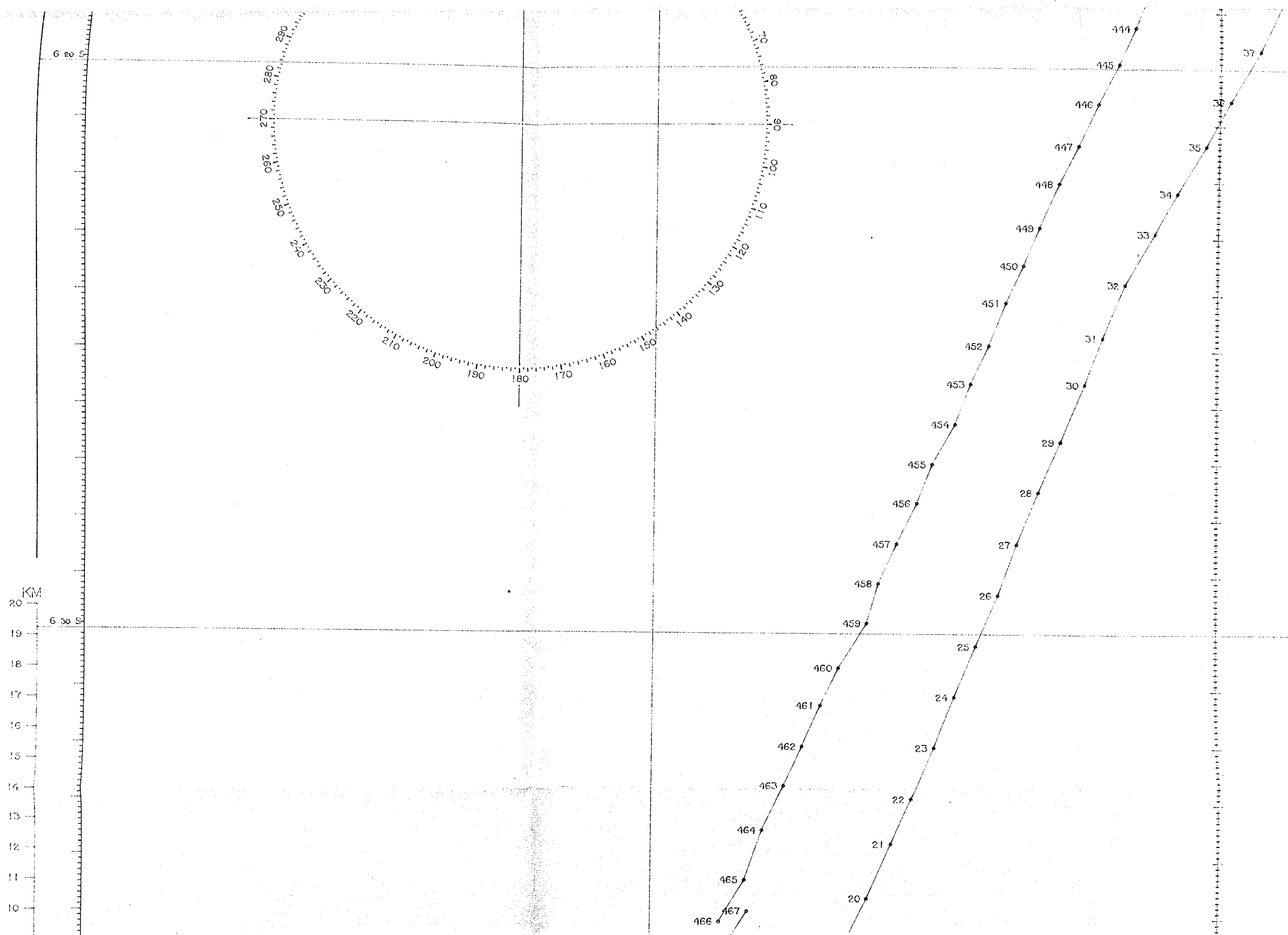
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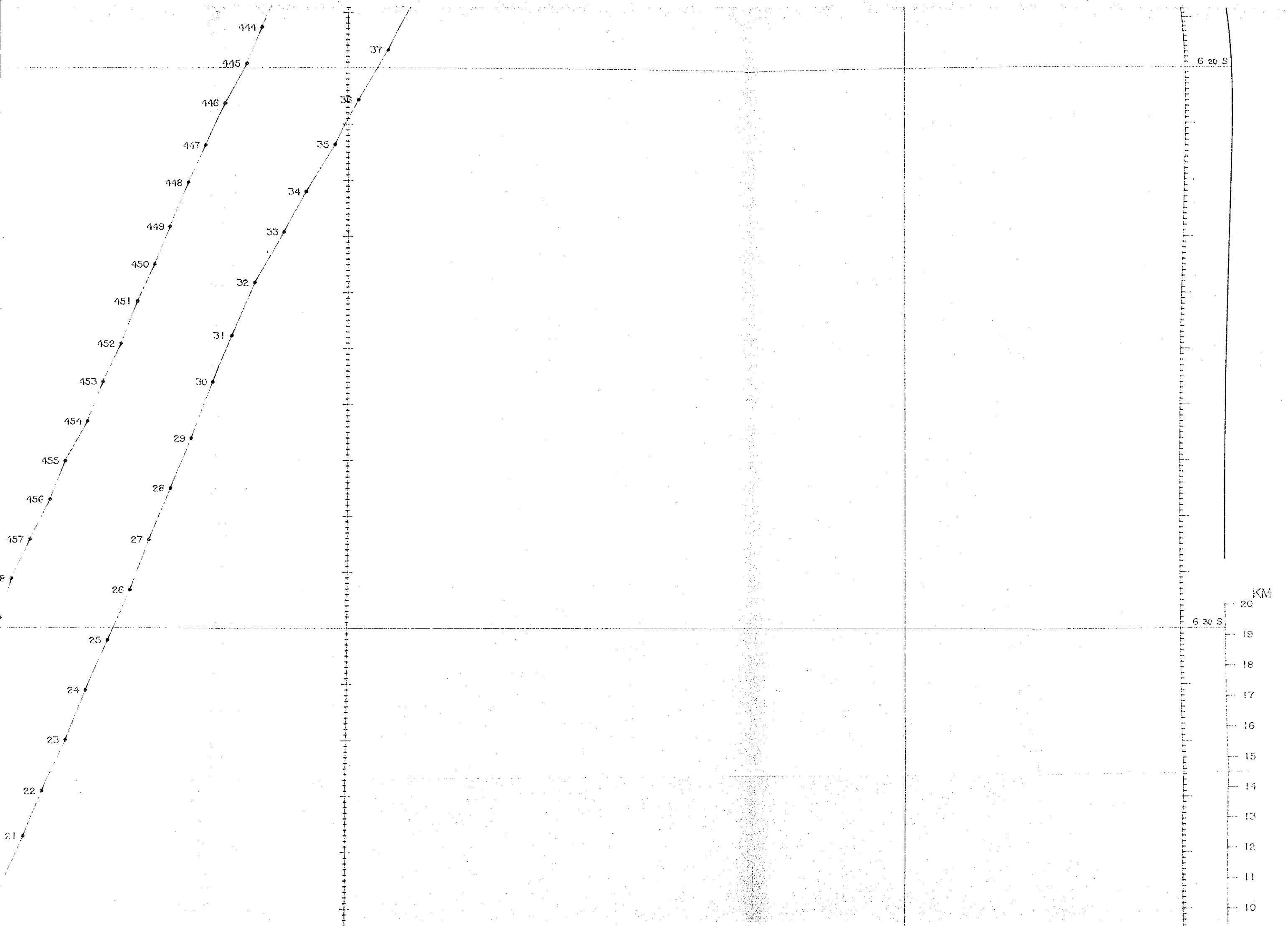
113 00 E 113 10 E 113 20 E
6 10 S



1/100000 (LAT. 5° 30' S BESSEL)



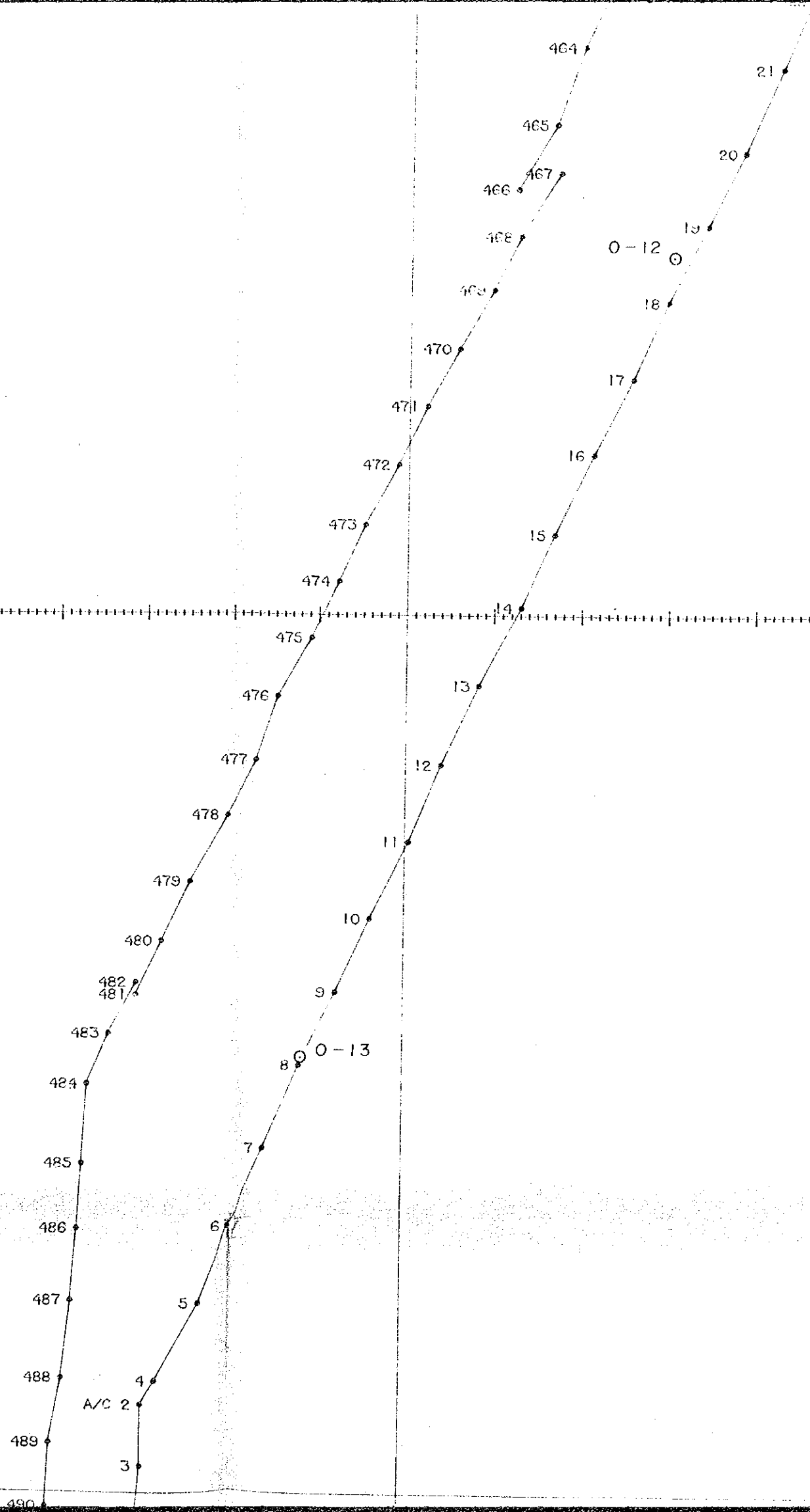




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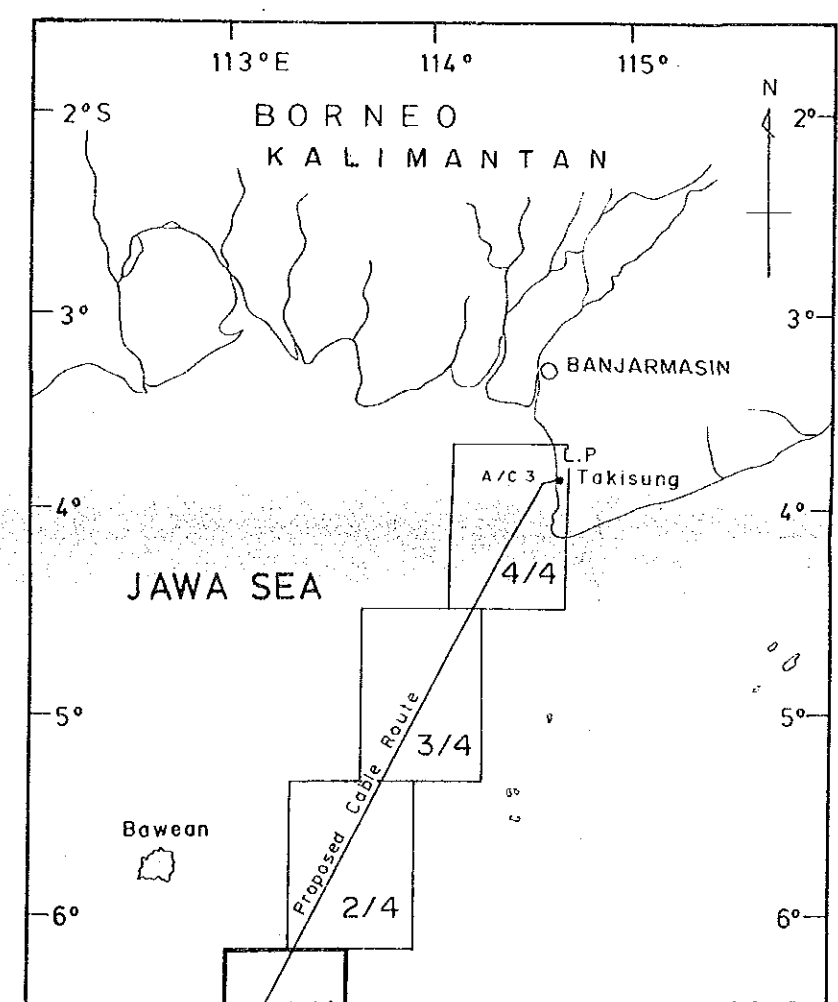
6 50 S



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6 40 S



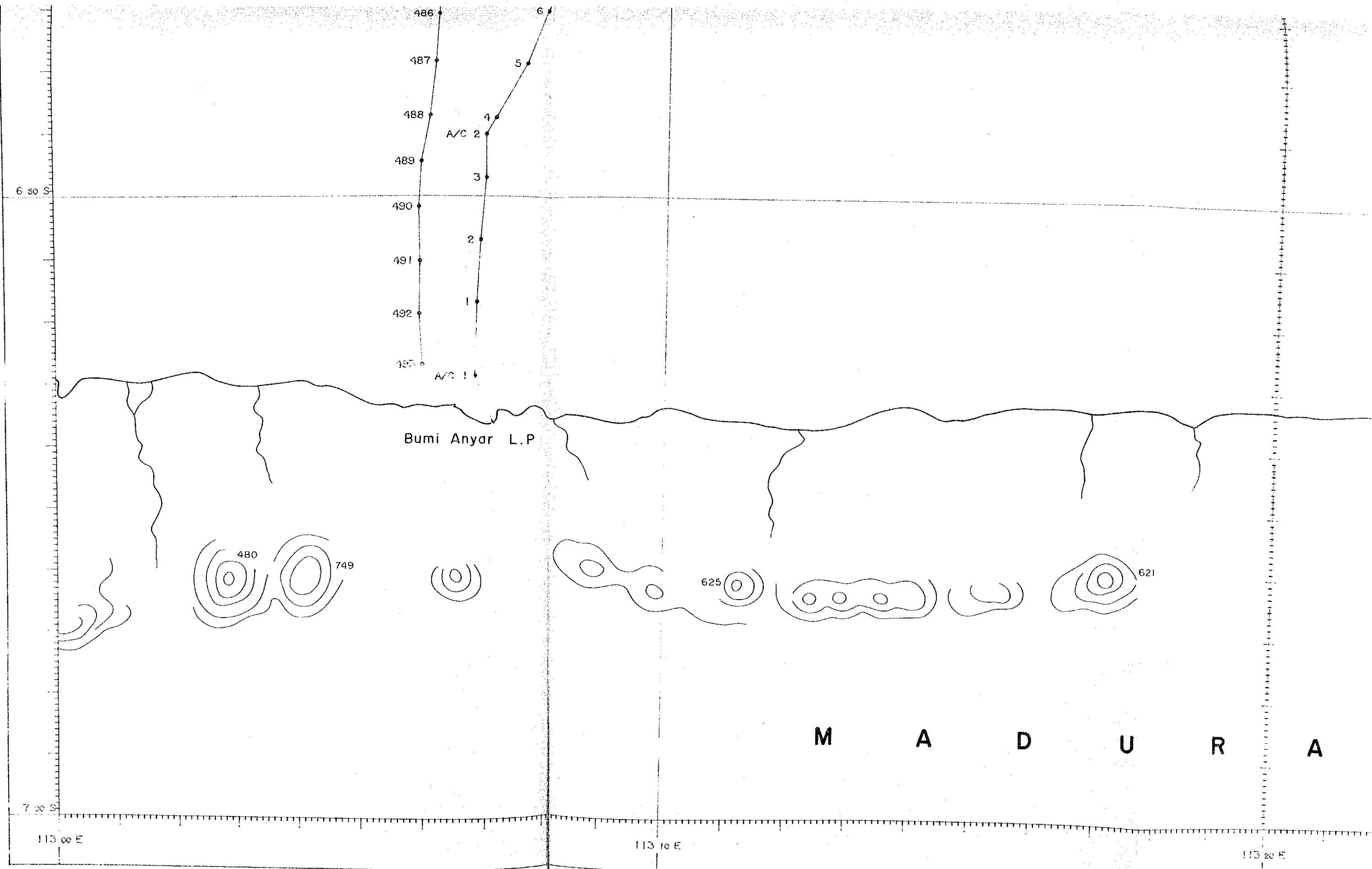
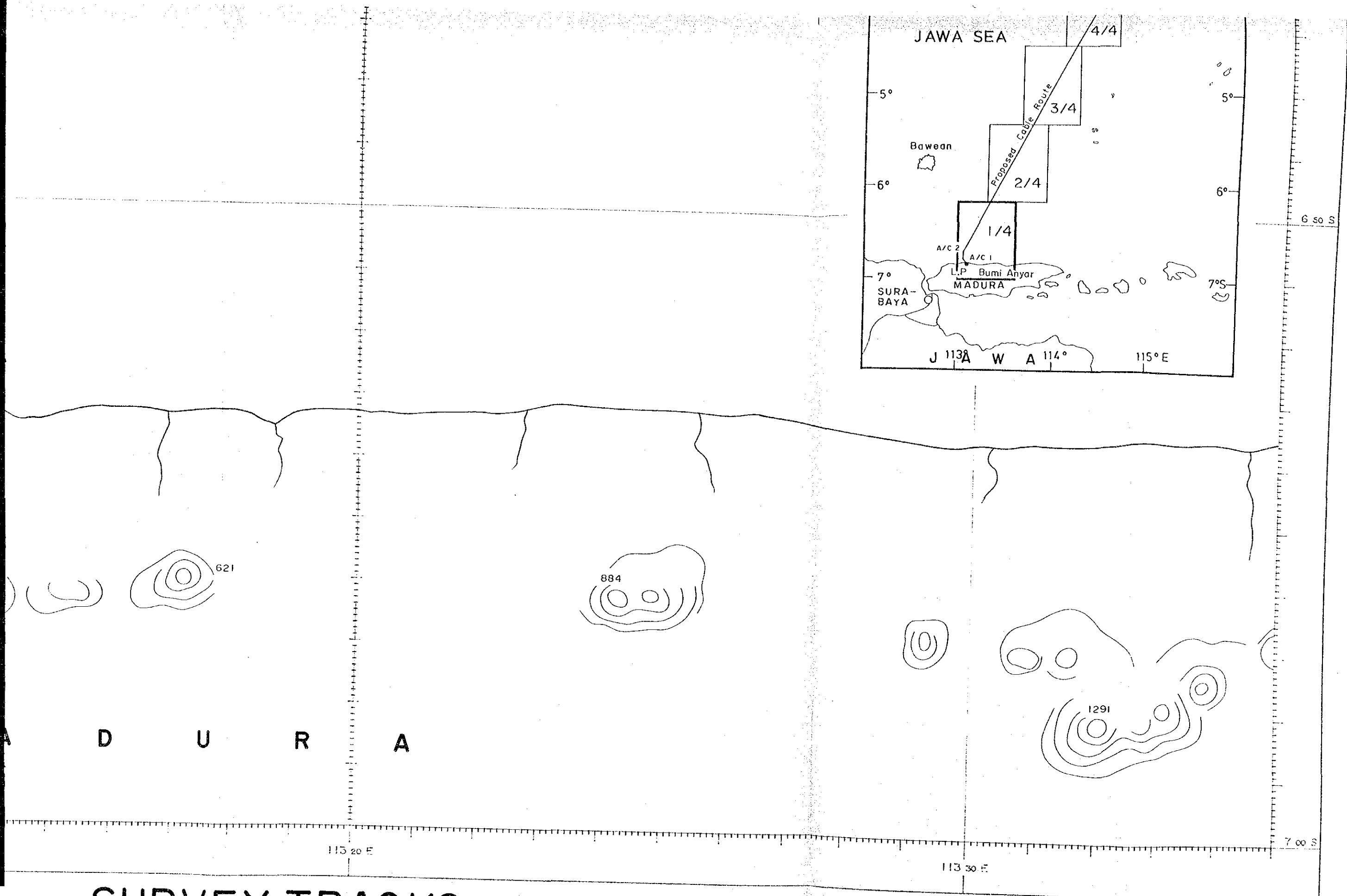
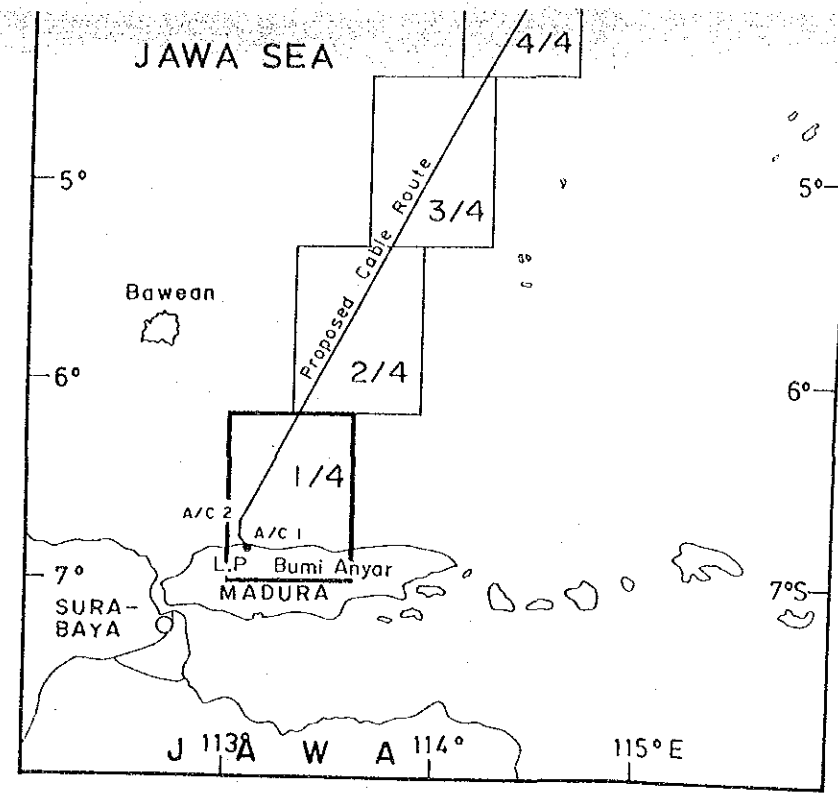


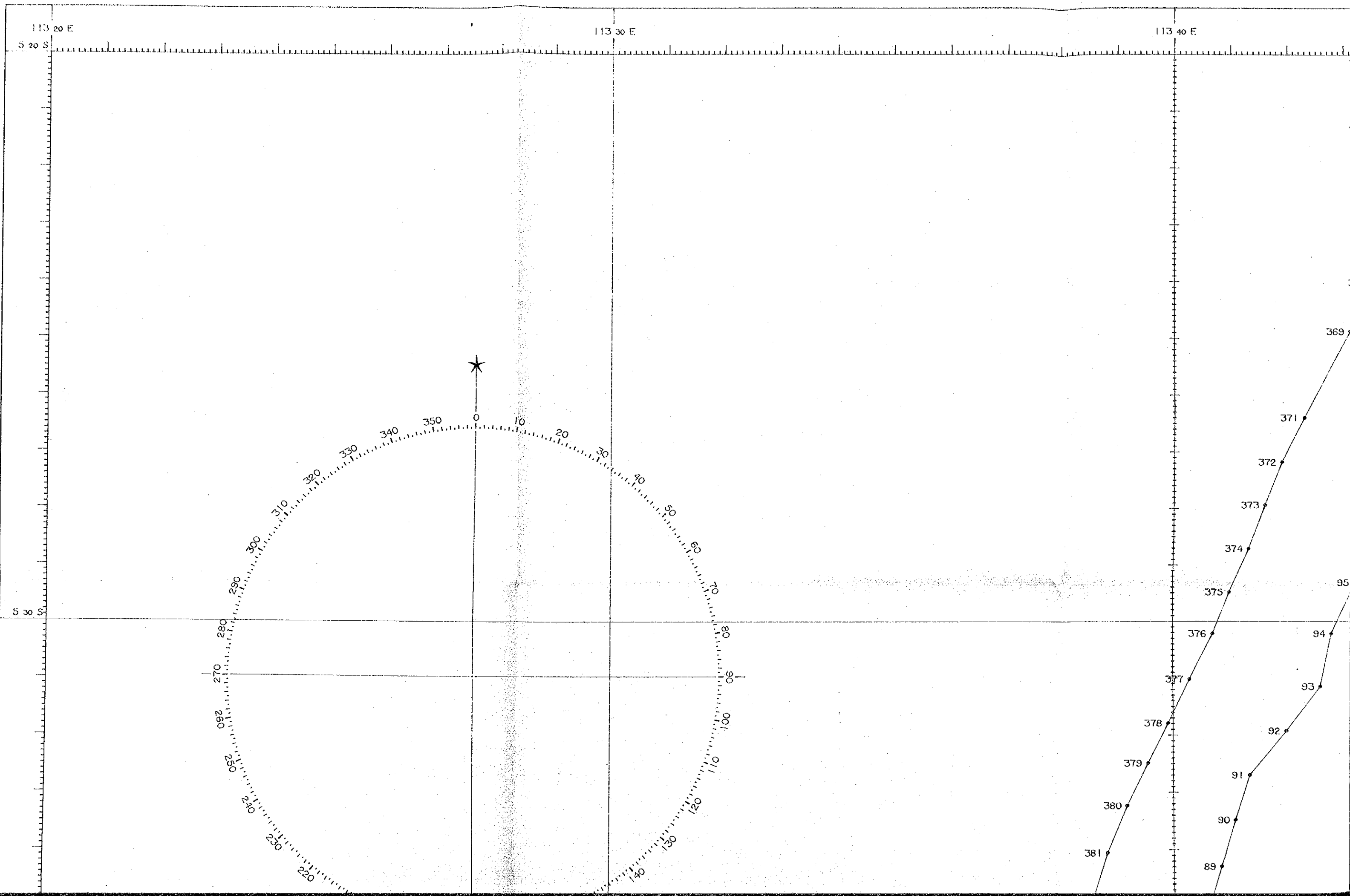
Figure 7 (1/4)

SURVEY TRACKS
(OFFSHORE AREA)

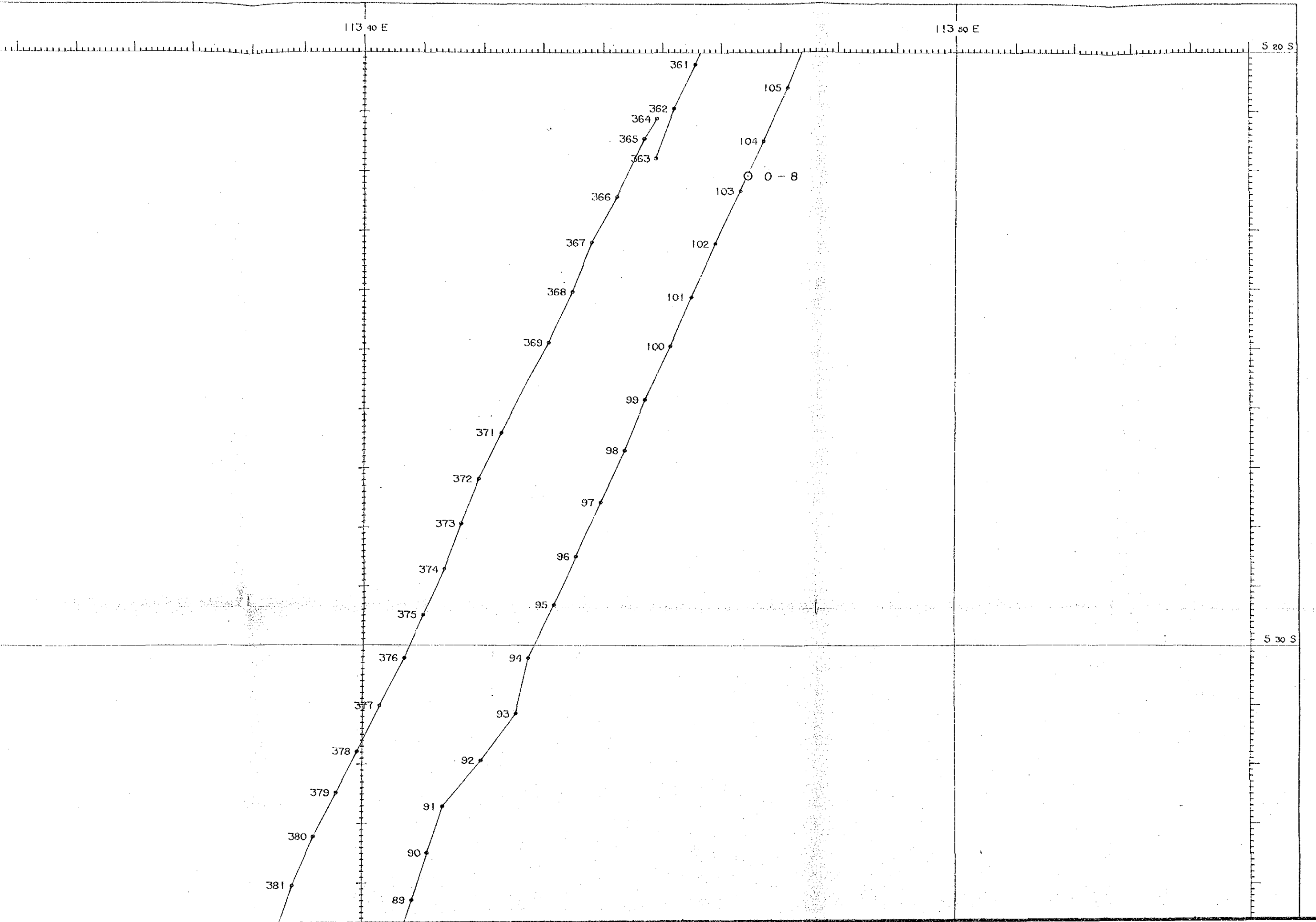


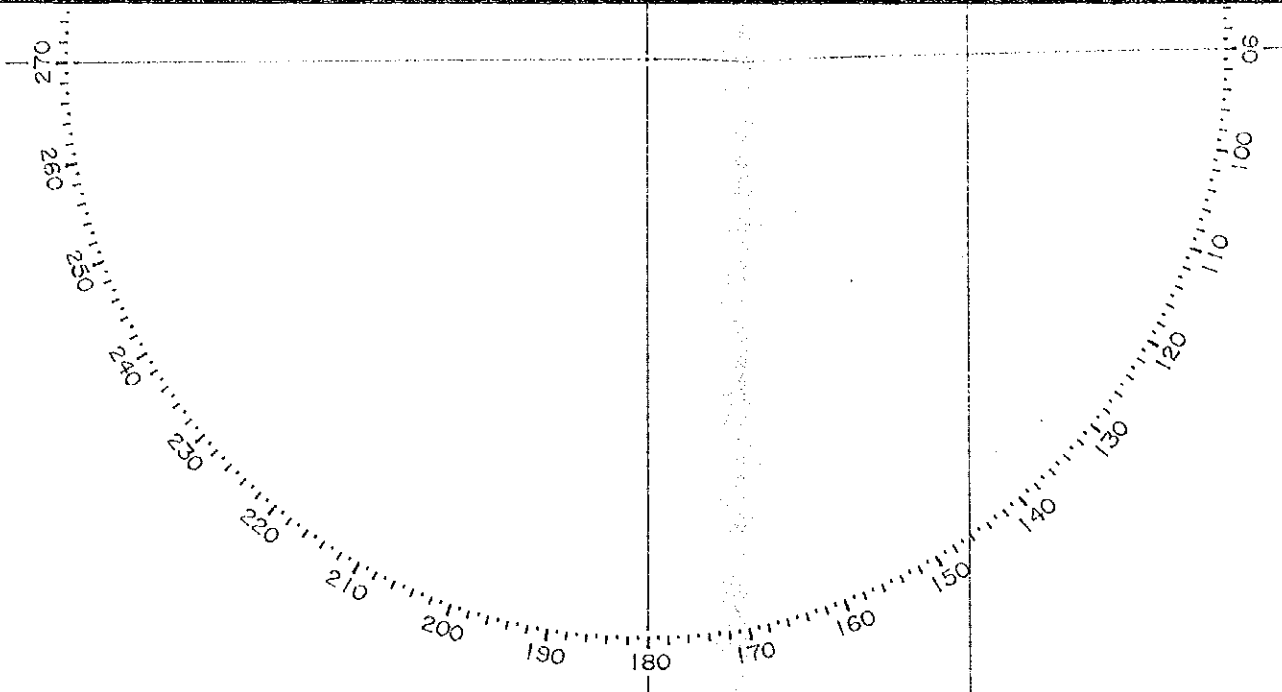
**SURVEY TRACKS
(OFFSHORE AREA)**

MERCATOR'S PROJECTION

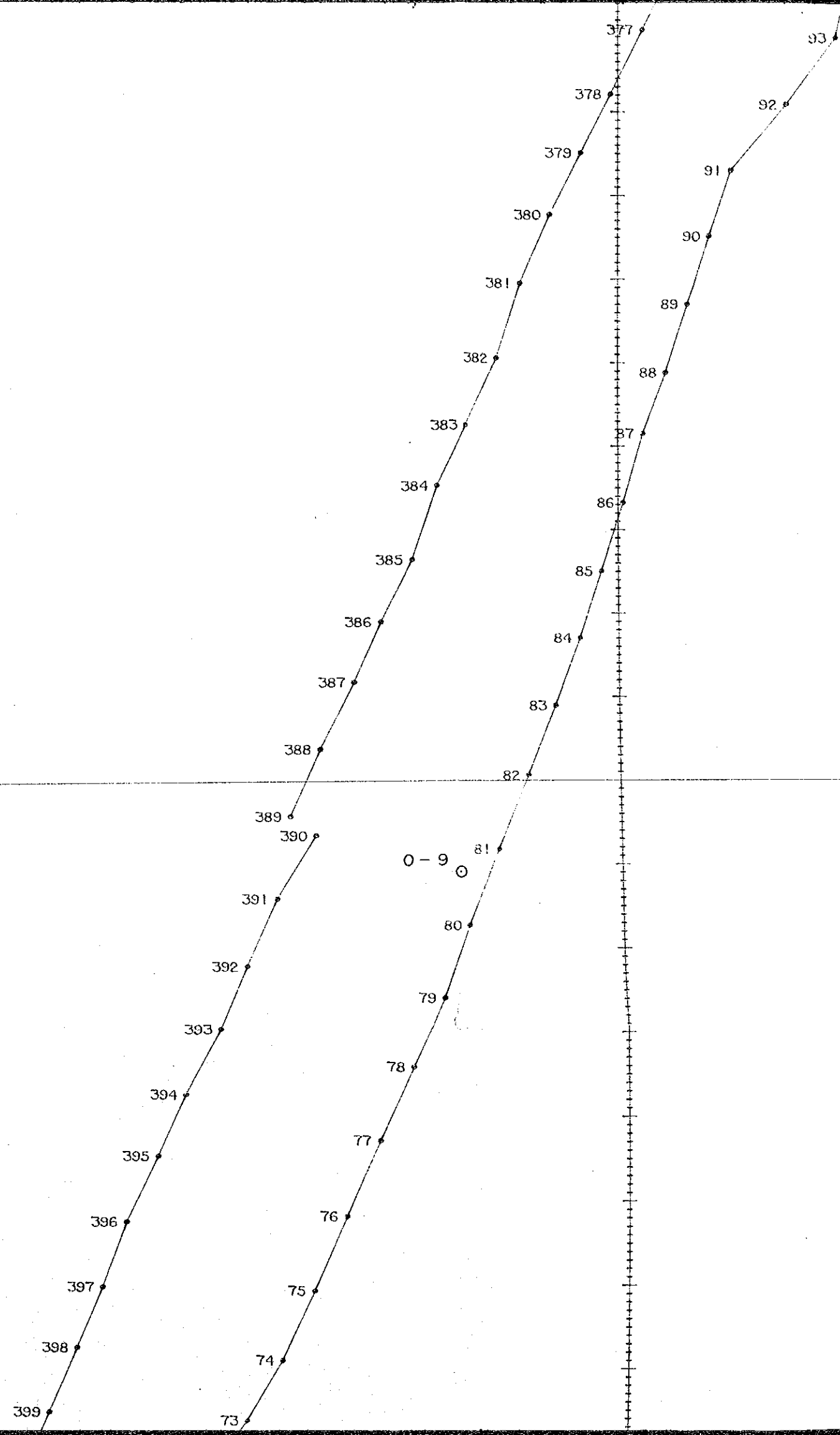
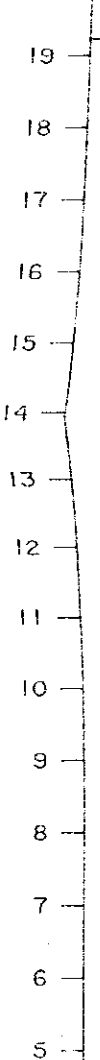


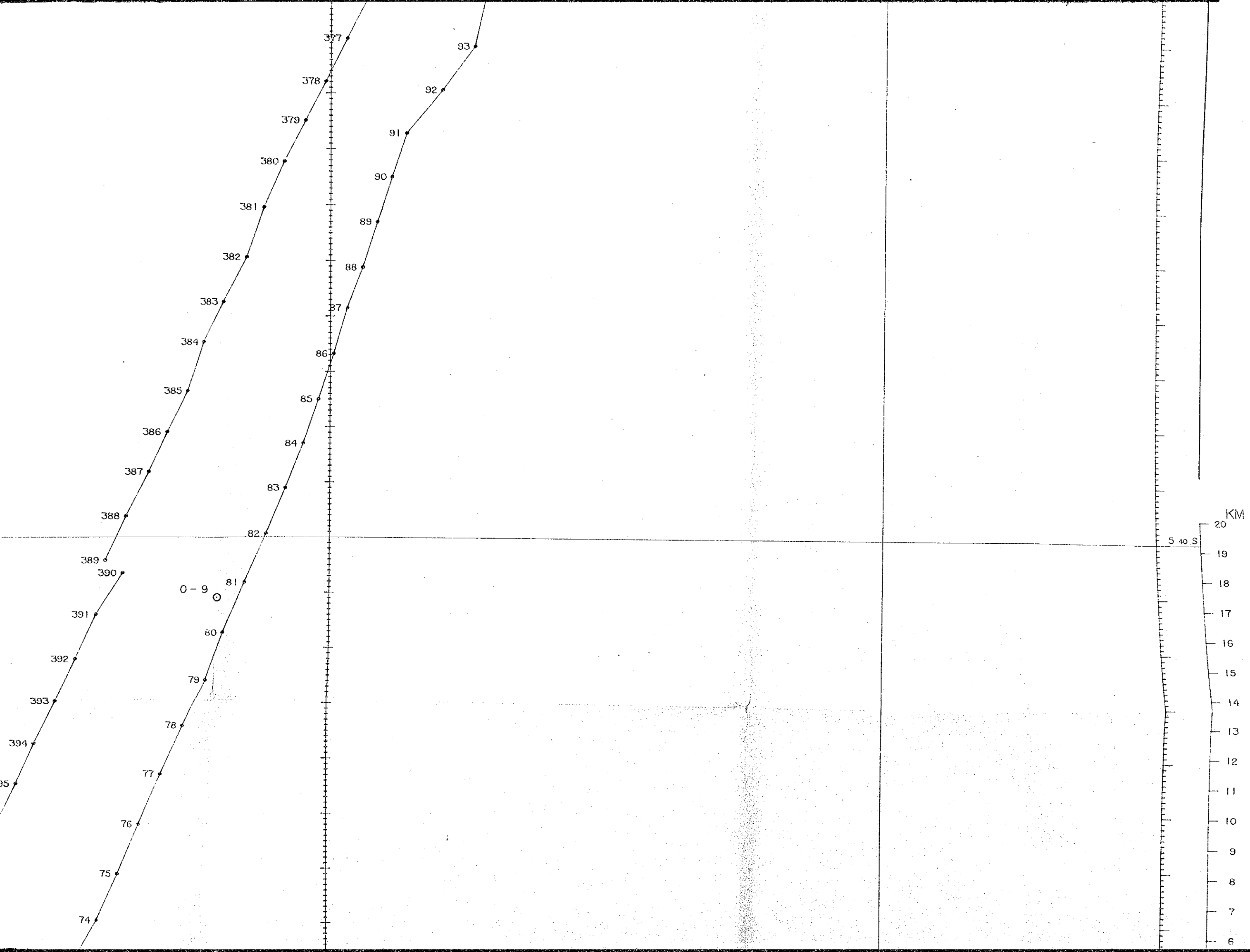
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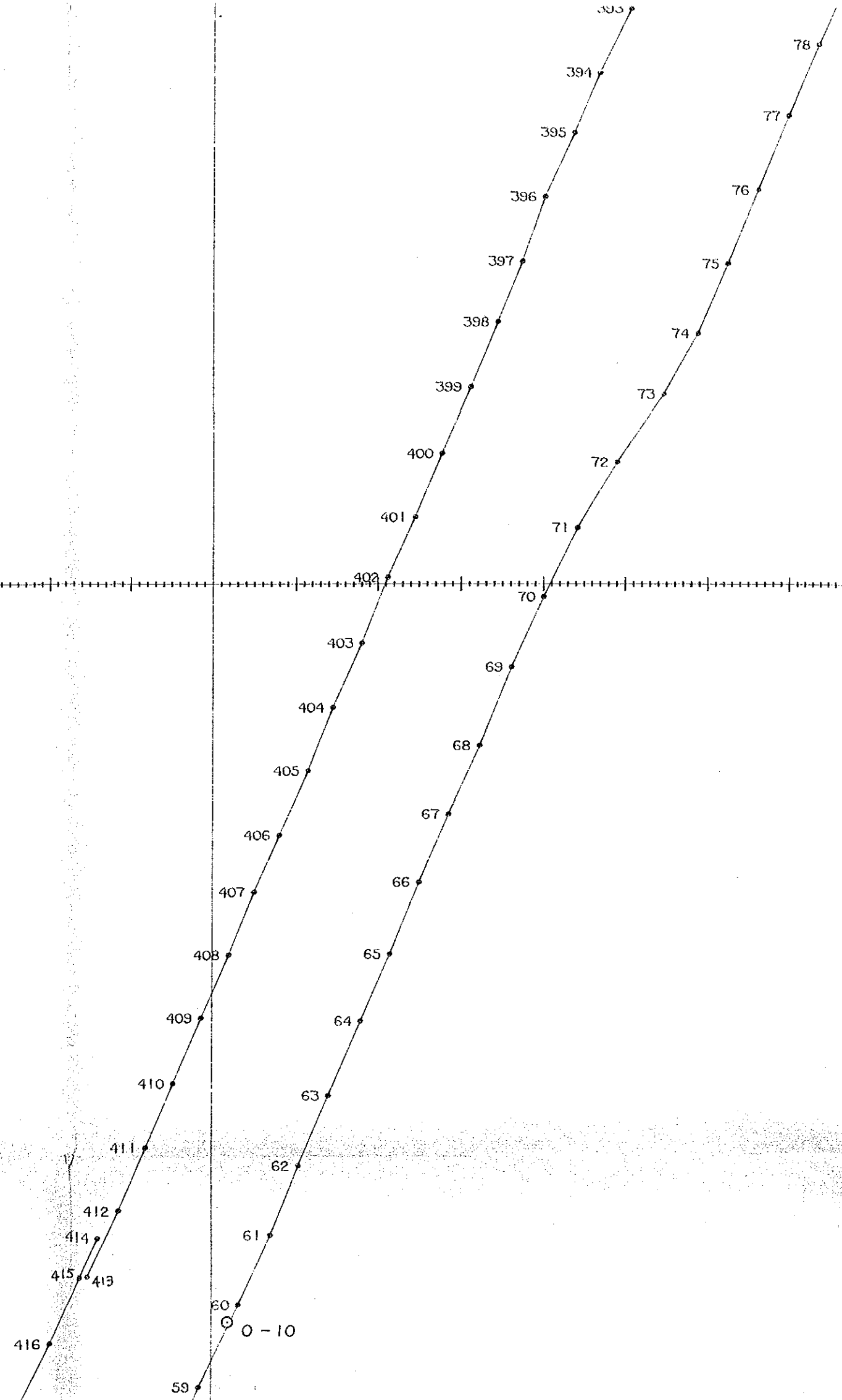
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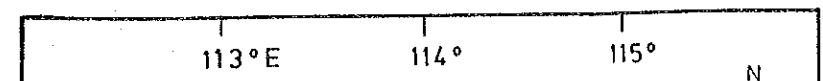
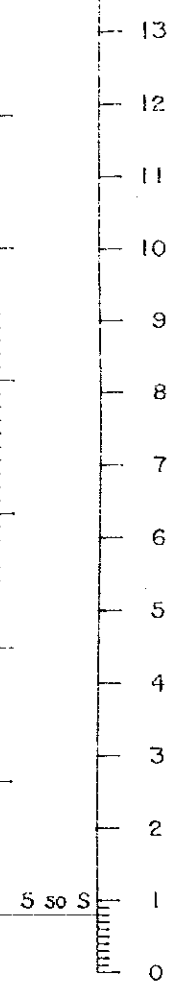
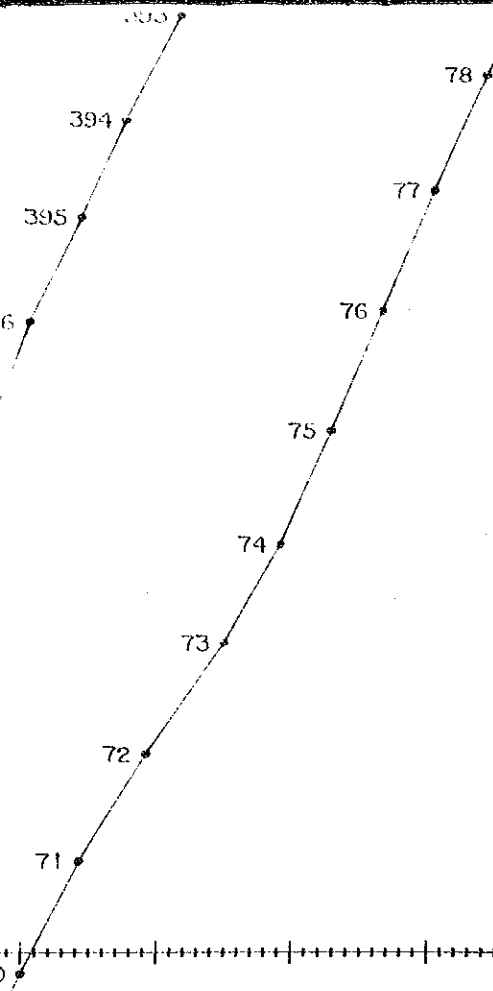




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6 ∞ S

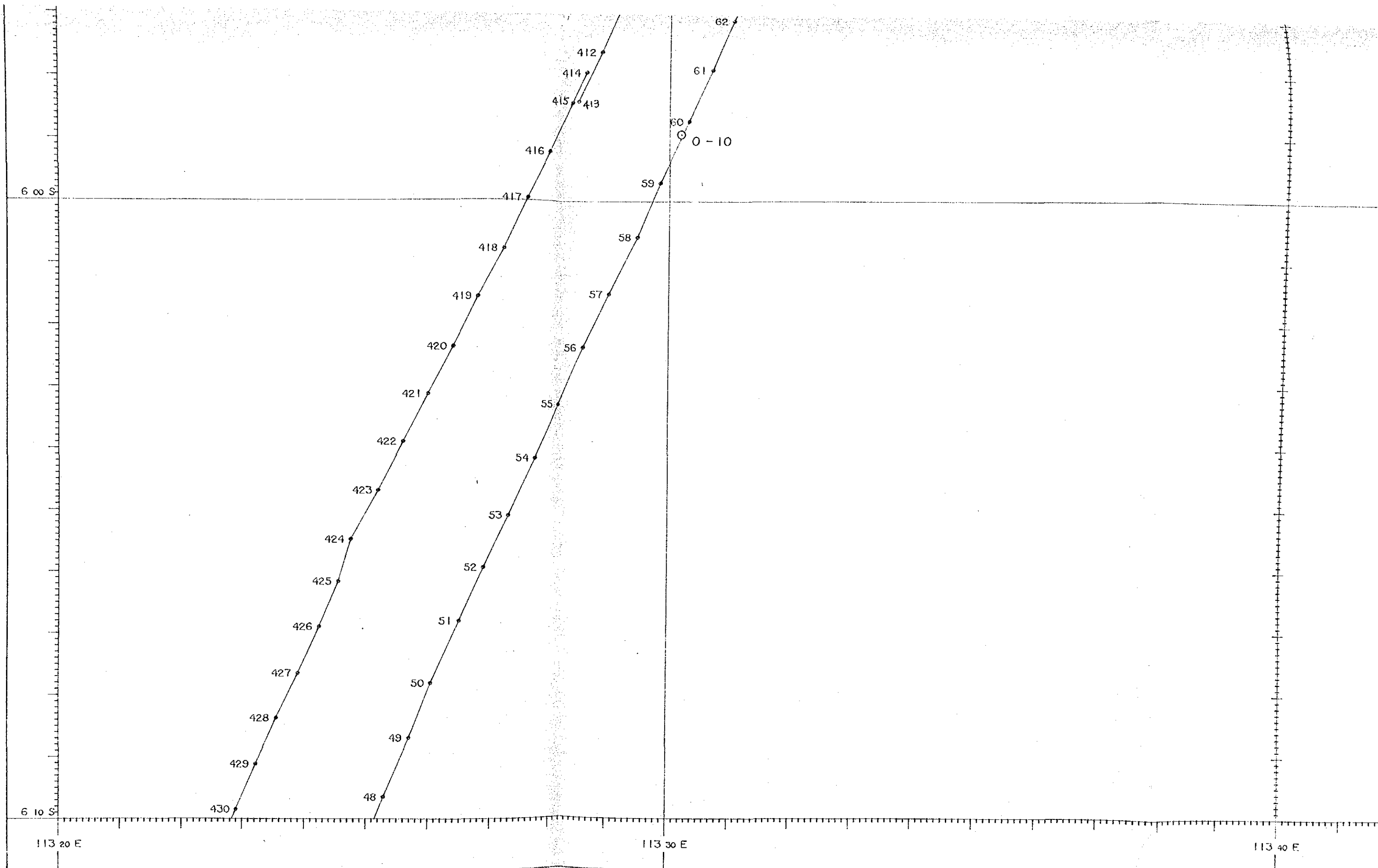
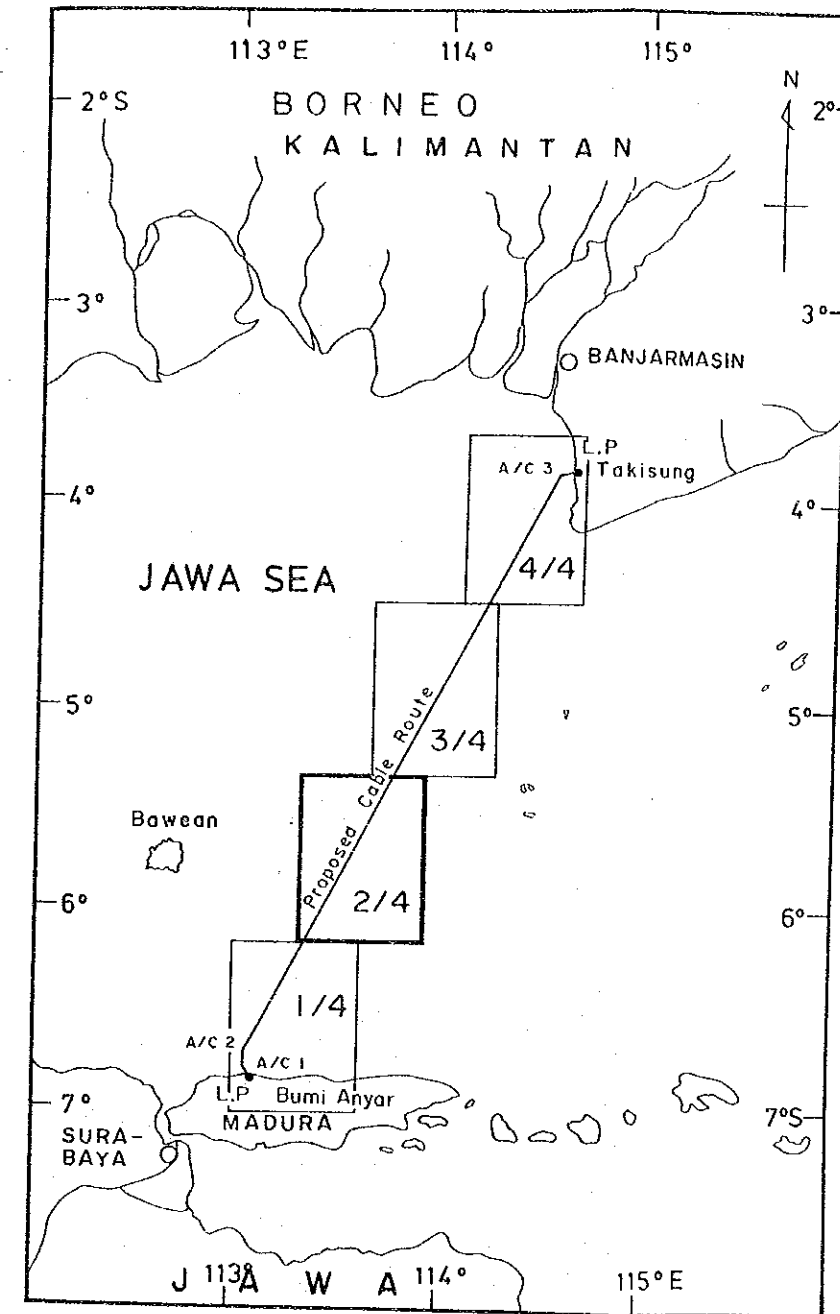


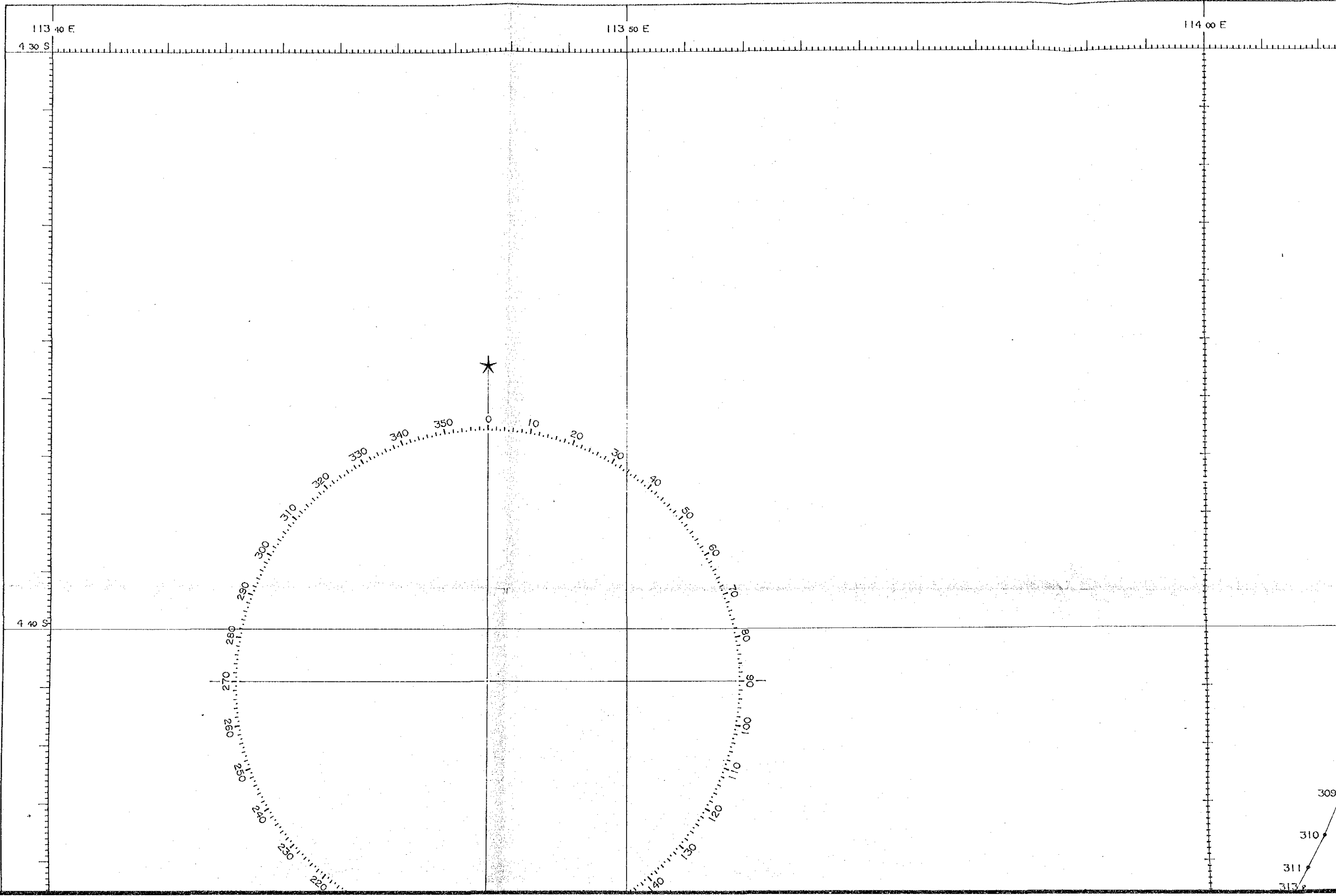
Figure 7 (2/4)

SURVEY TRACKS
(OFFSHORE AREA)



**SURVEY TRACKS
(OFFSHORE AREA)**

MERCATOR'S PROJECTION

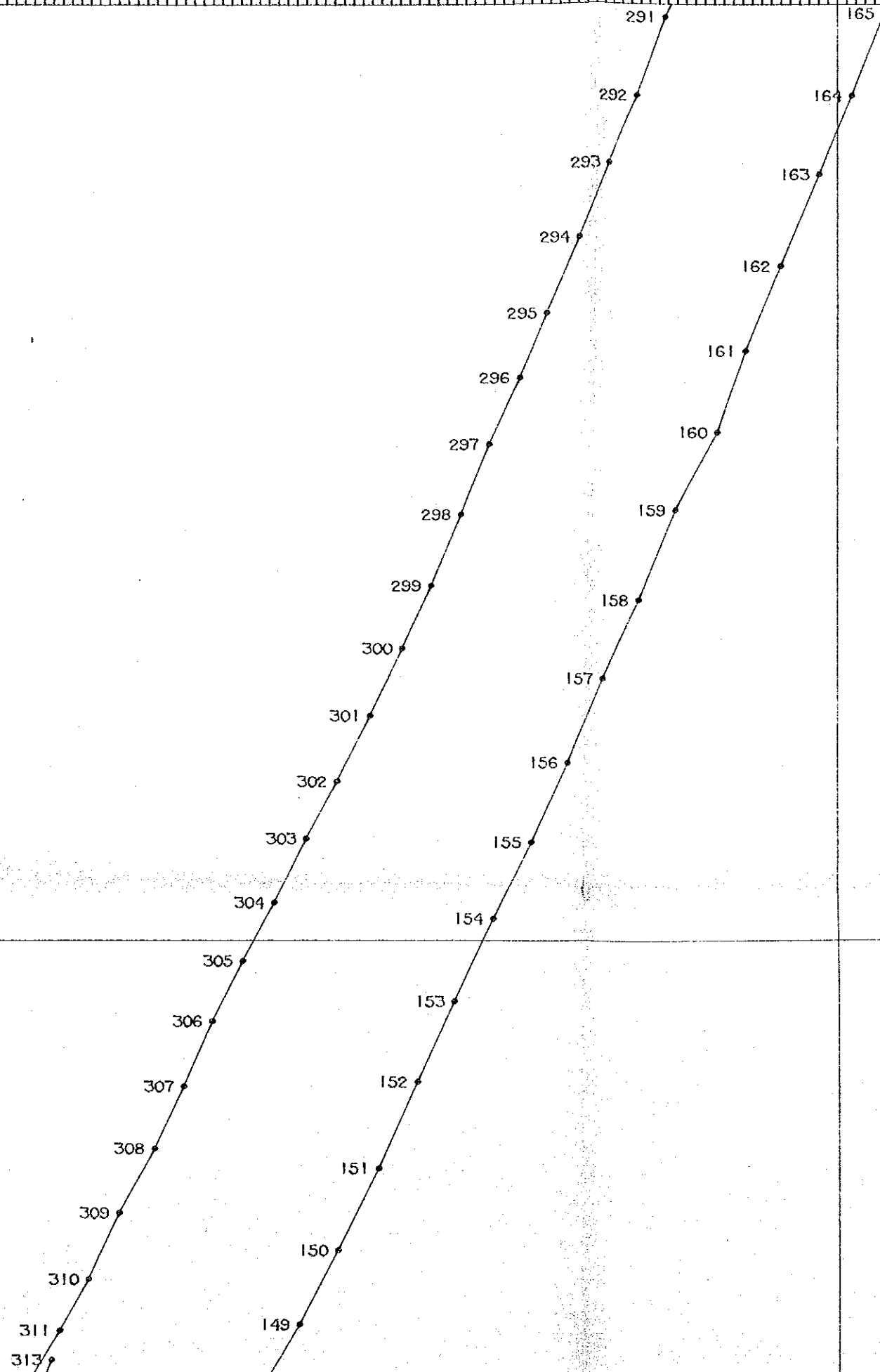


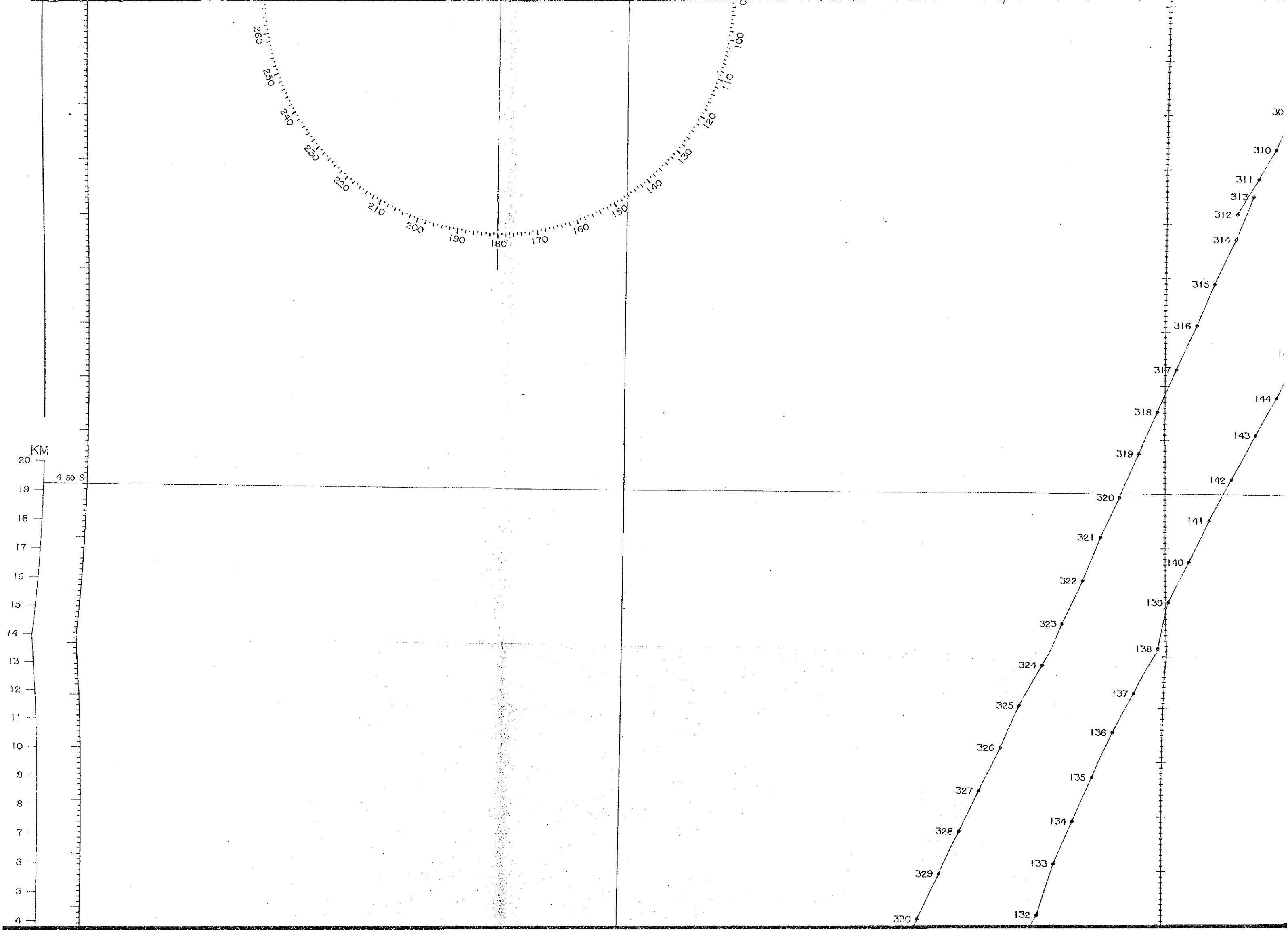
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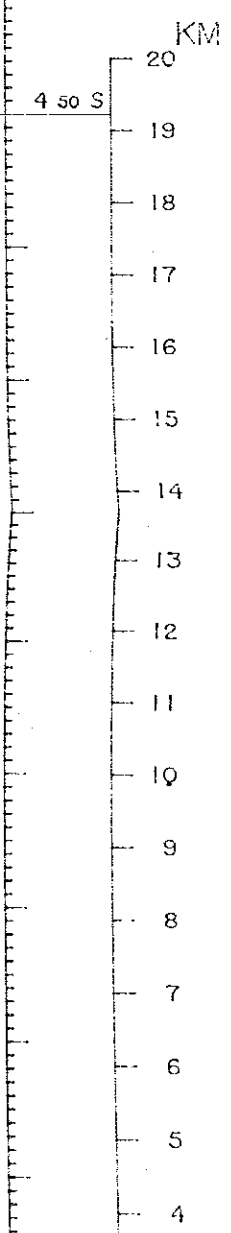
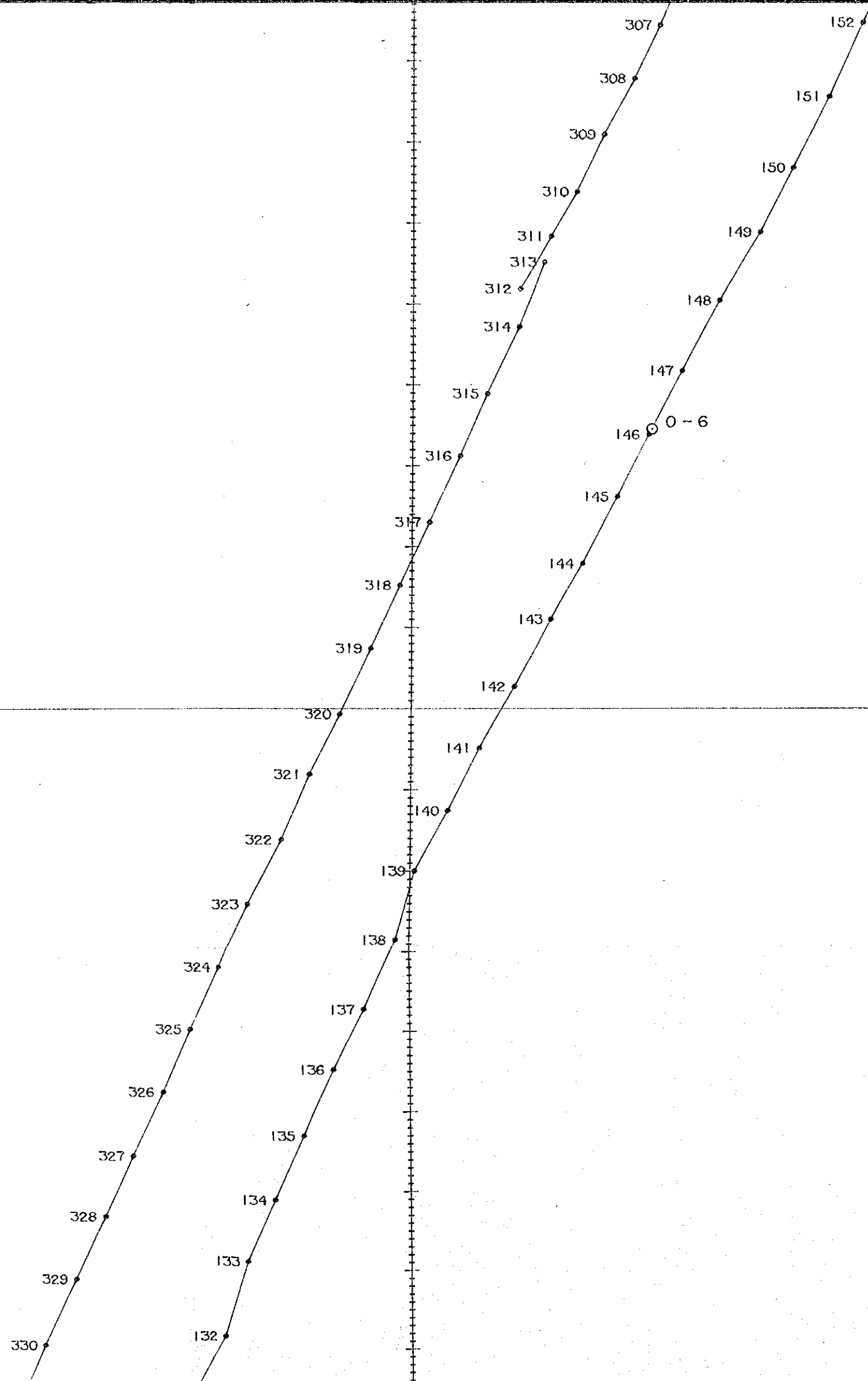
114 00 E

114 10 E

4 30 S



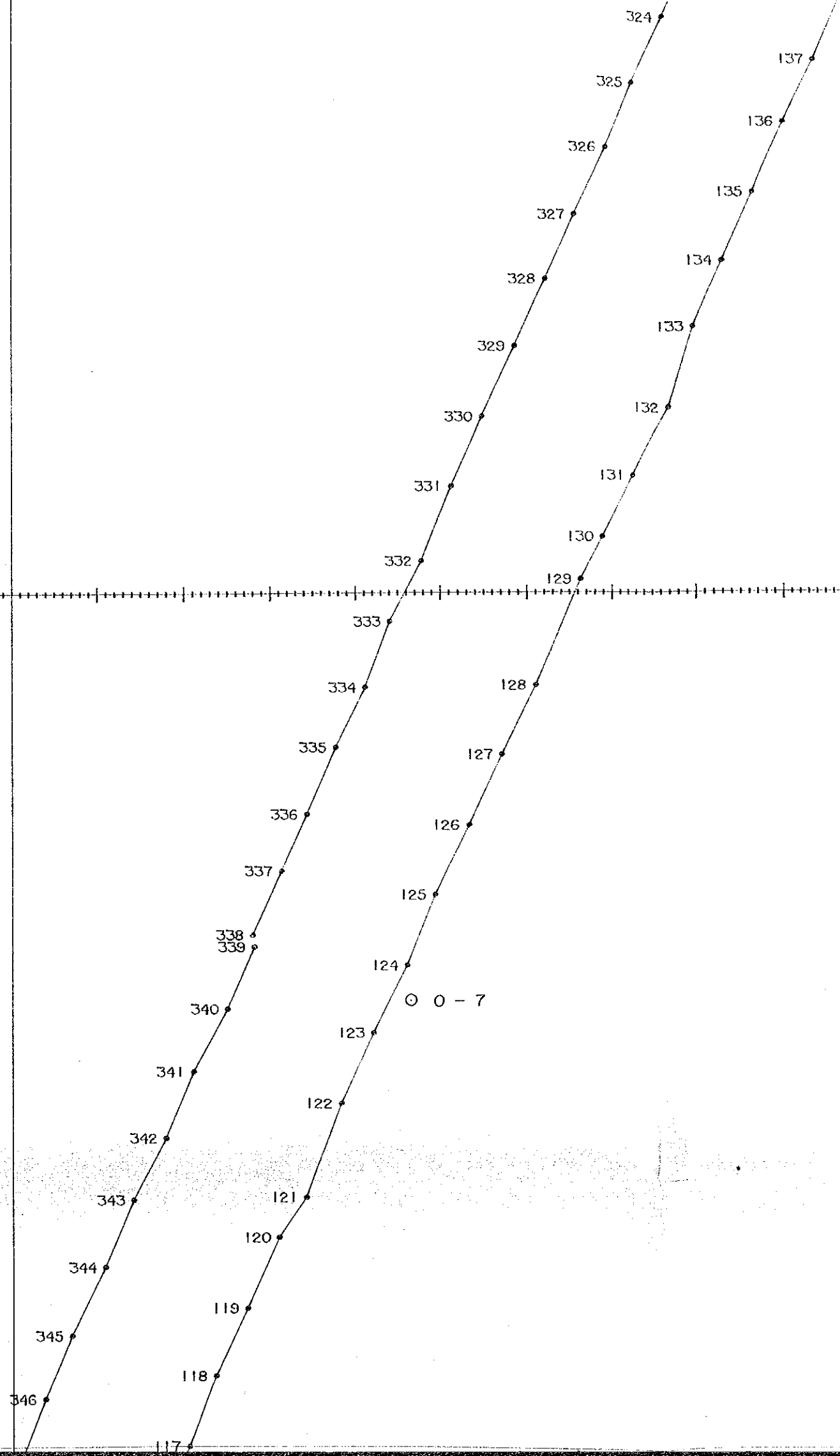


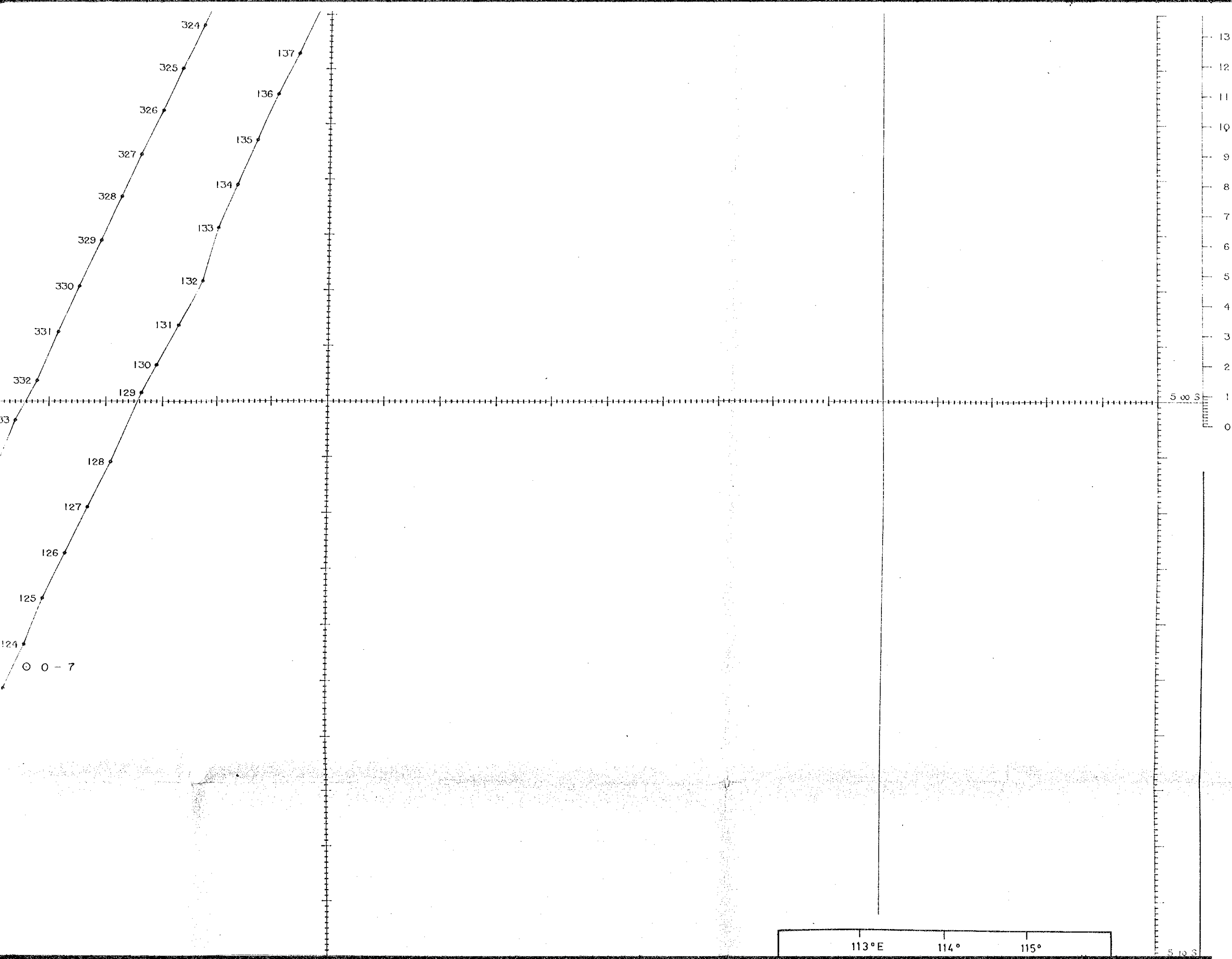


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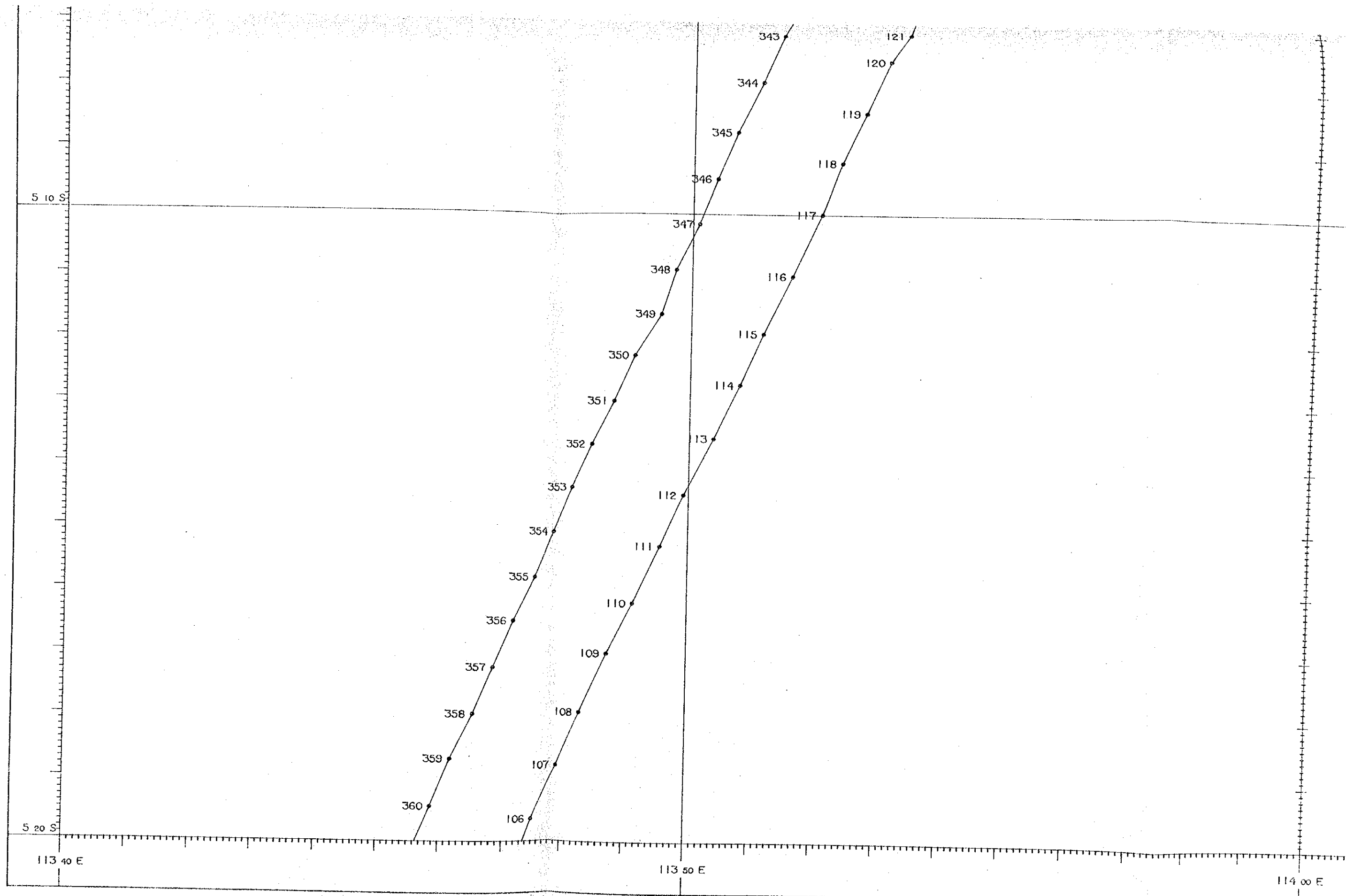
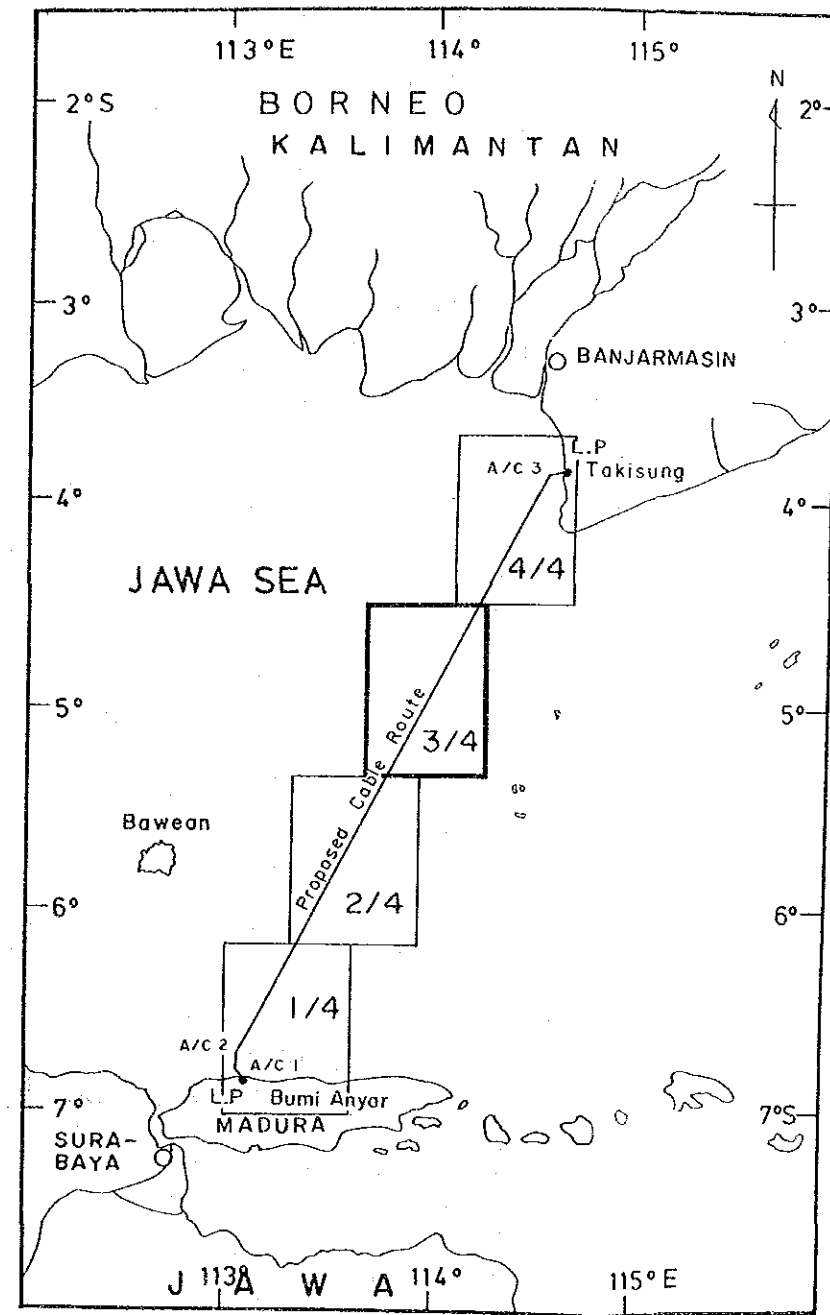


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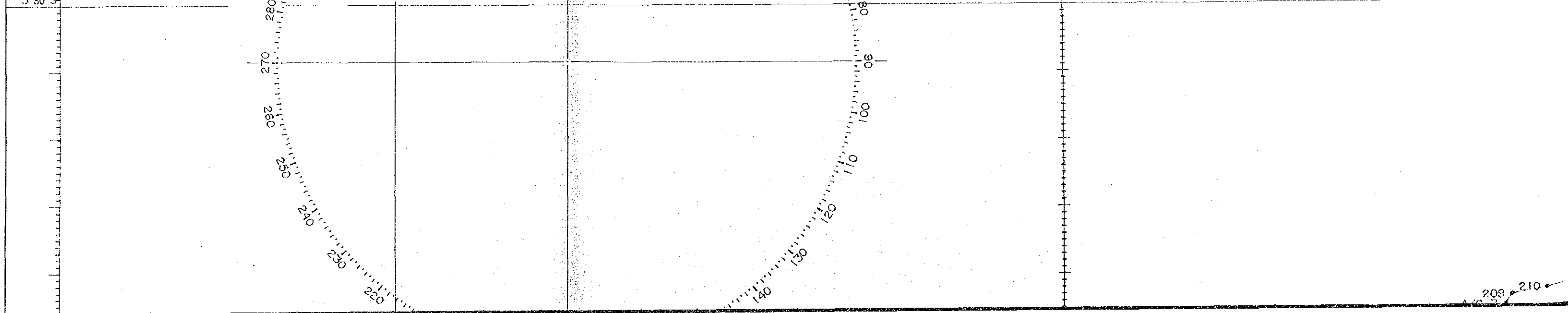
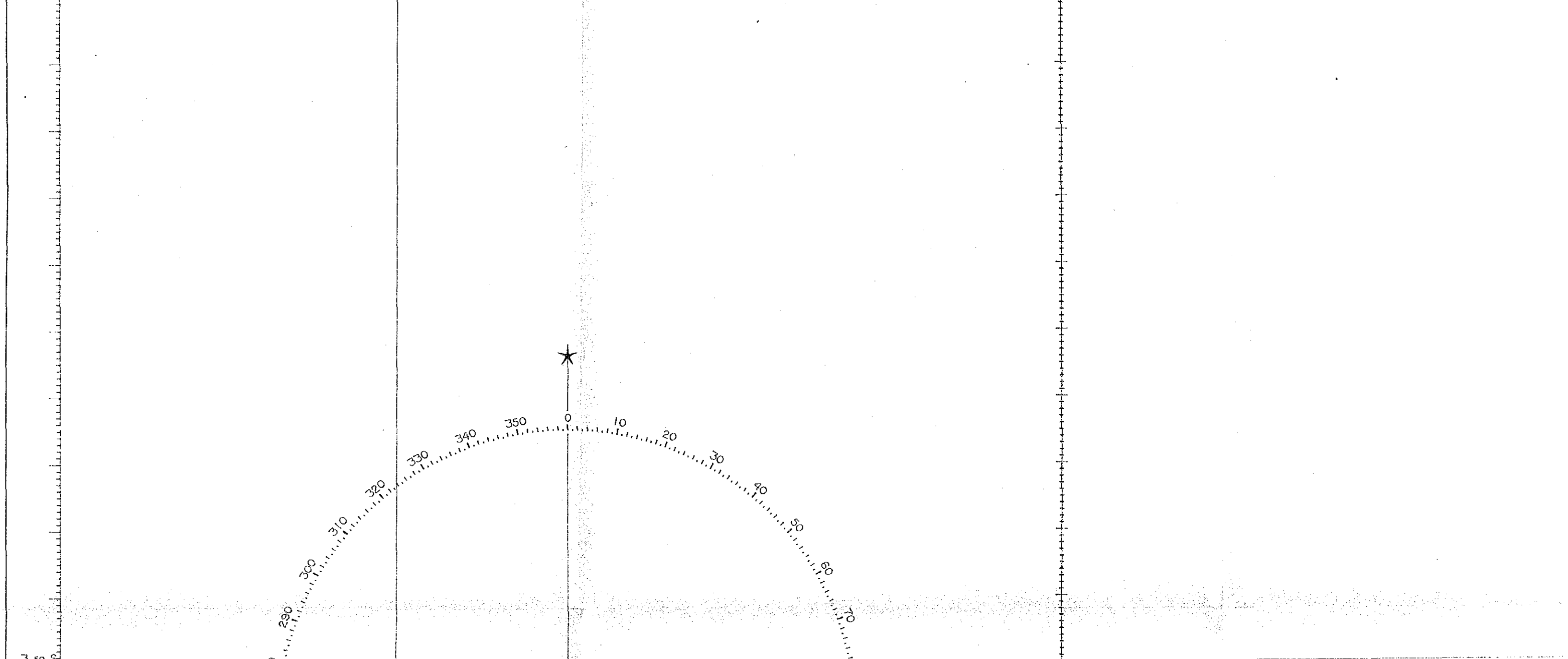
SURVEY TRACK
(OFFSHORE AREA)



SURVEY TRACKS
(OFFSHORE AREA)

MERCATOR'S PROJECTION

3 40 S 114 10 E 114 20 E



209 210

1/100000 (LAT. 5° 30' S BESSEL)

114 20 E

114 30 E

114 40 E

3 40 S

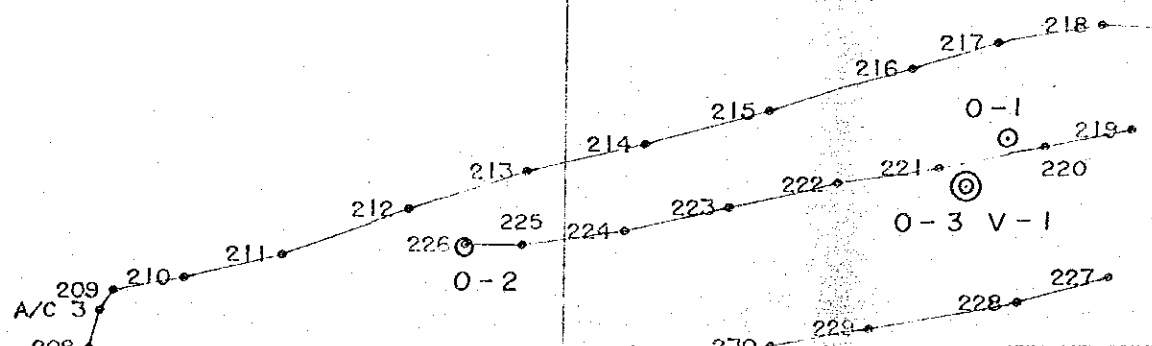
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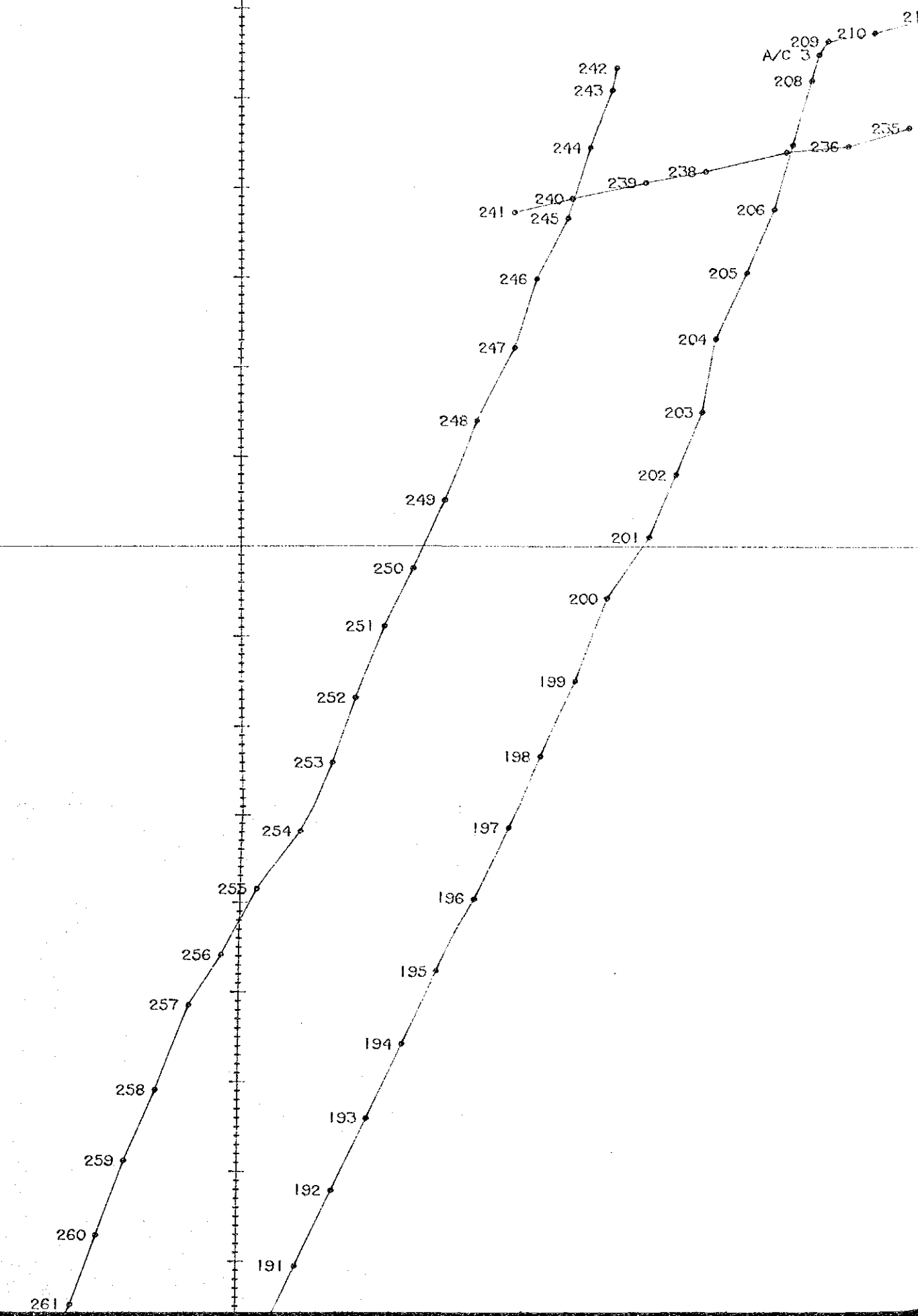
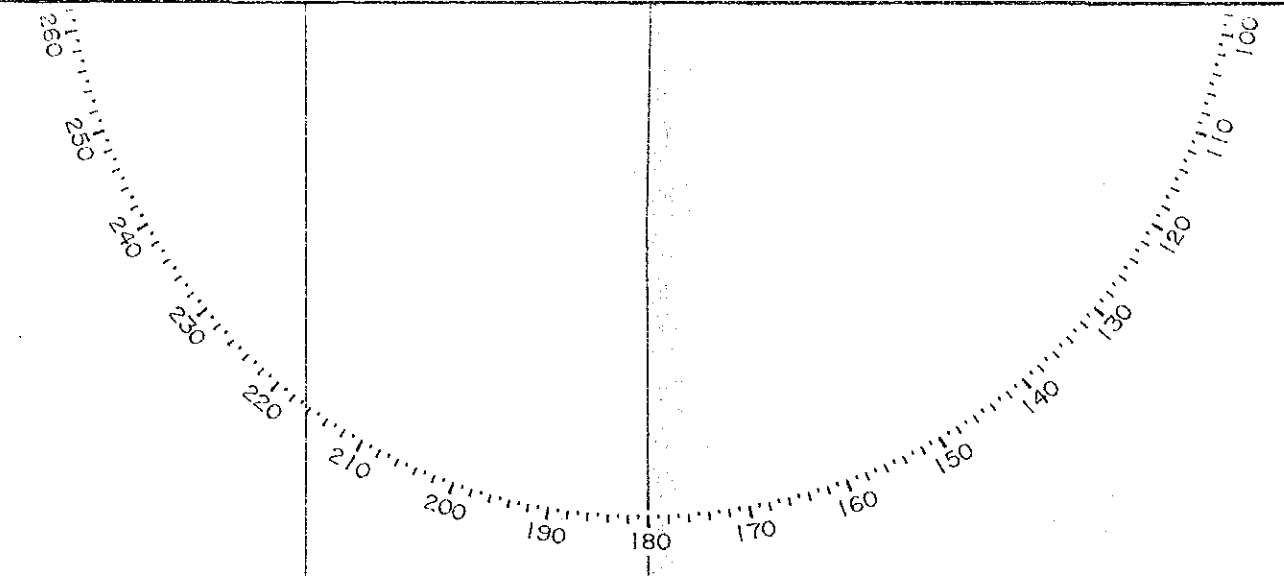
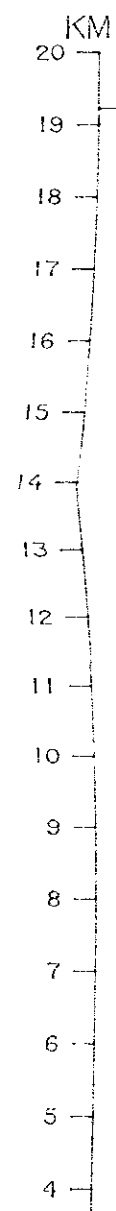
3 50 S

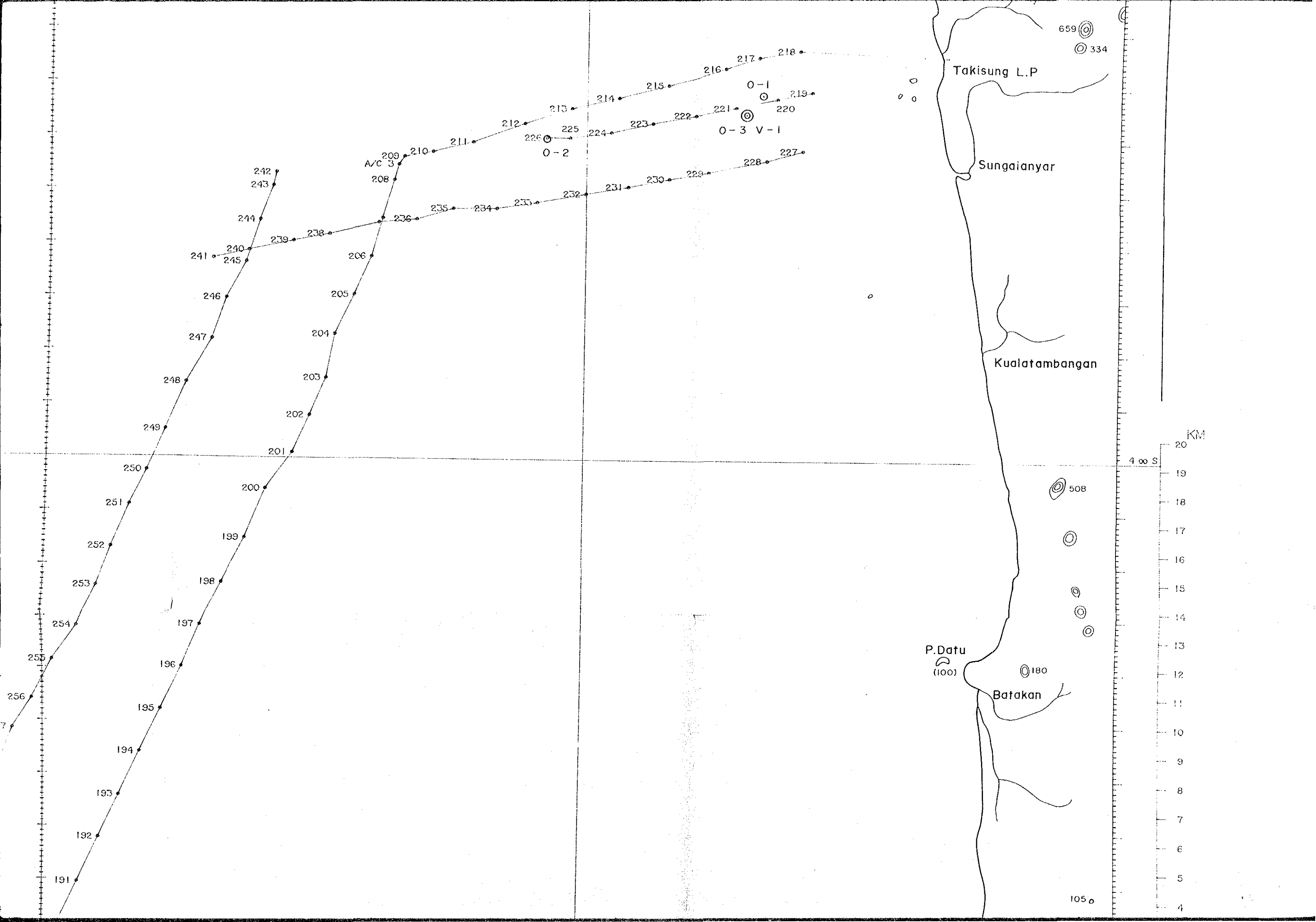
Takisung L.P

Sungaianyar



242

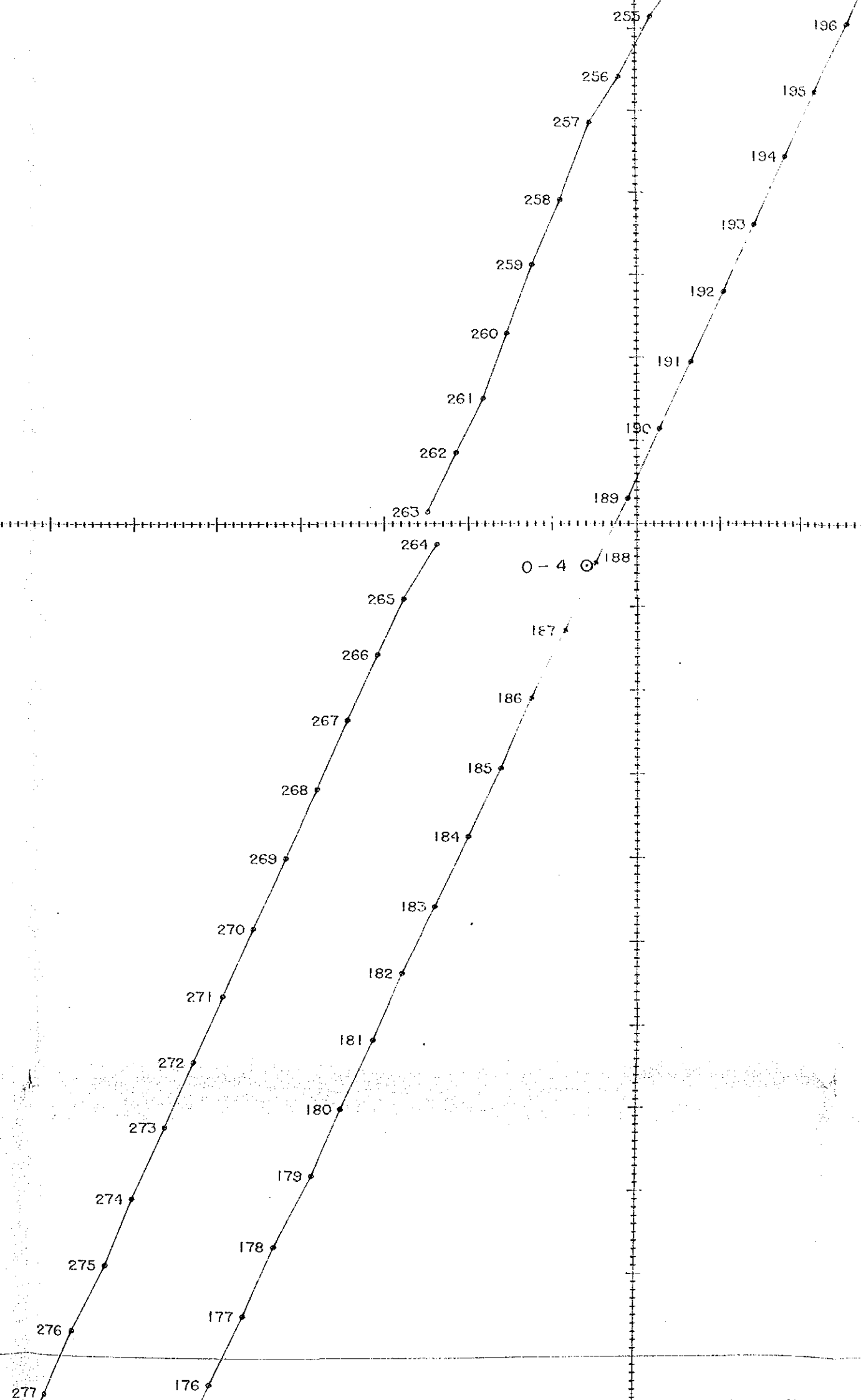


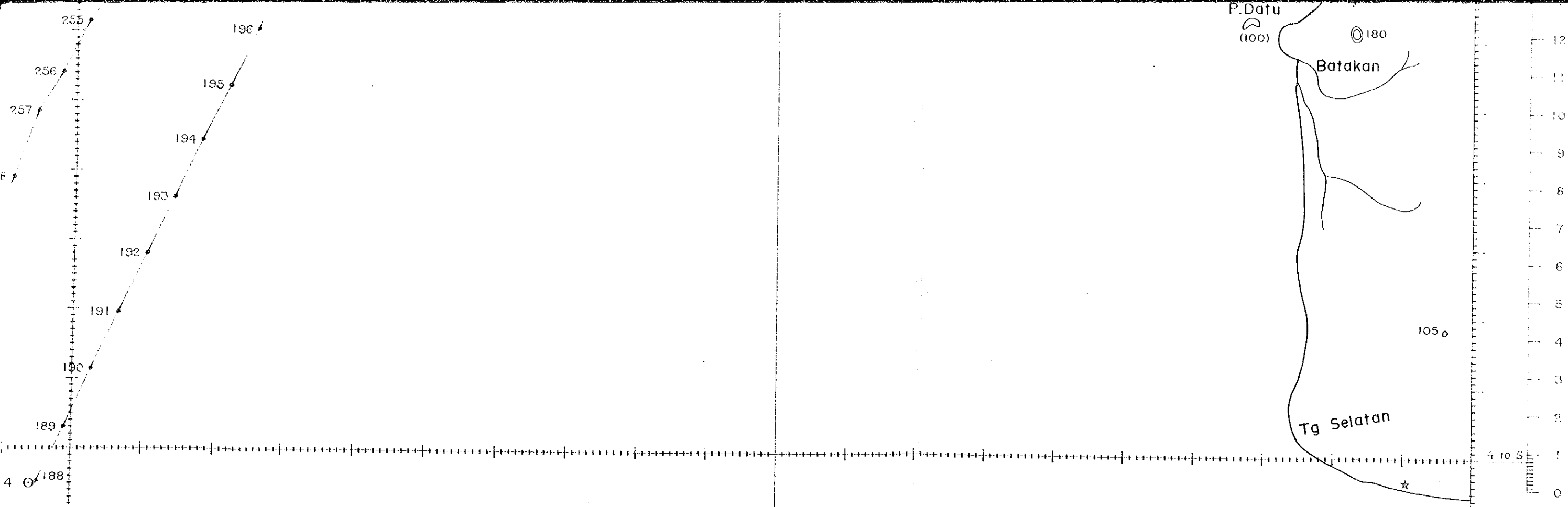


12
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4 10 S

4 20 S





113°E 114° 115°
2°S BORNEO KALIMANTAN N 2°

4 20 S

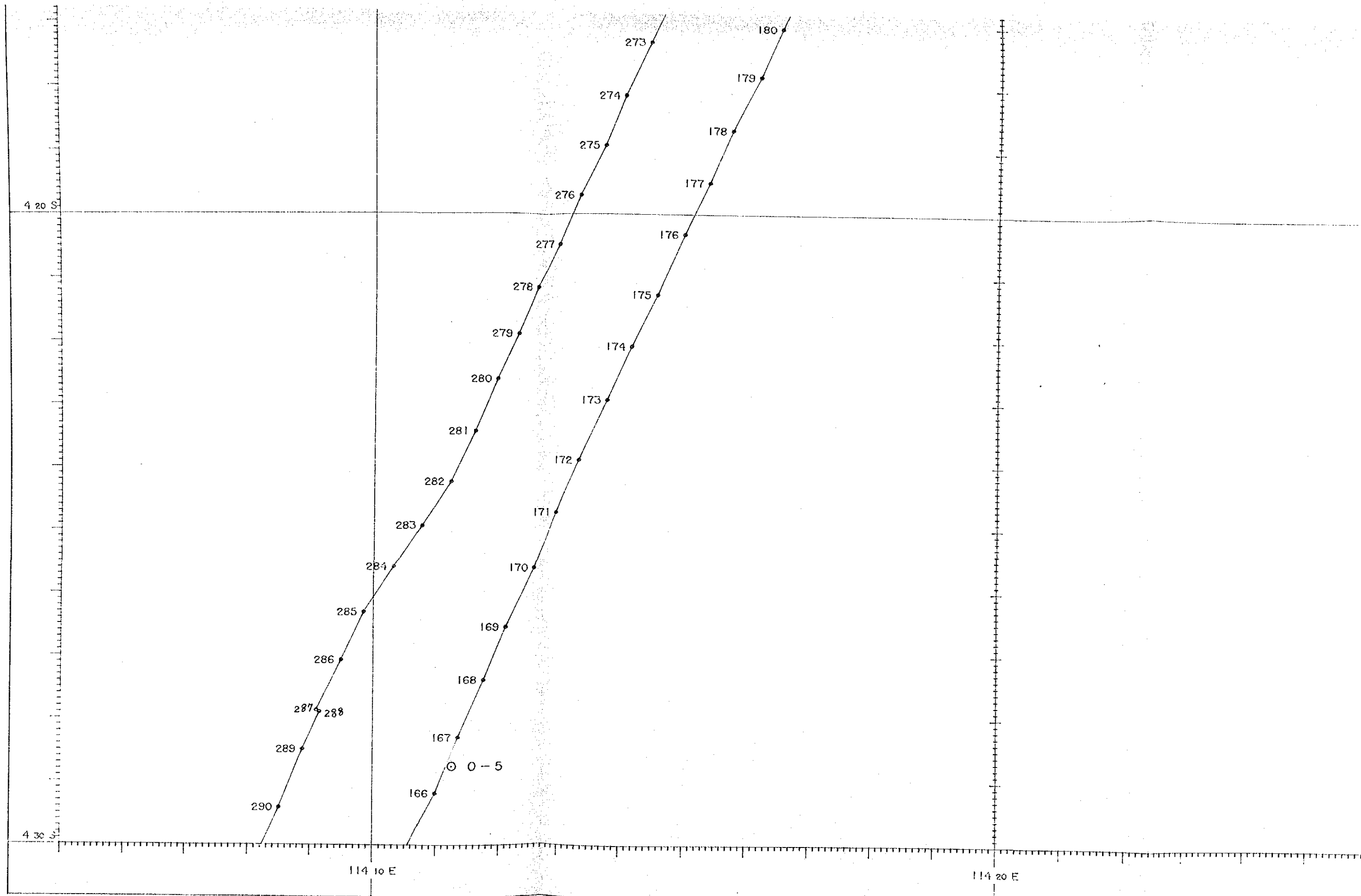
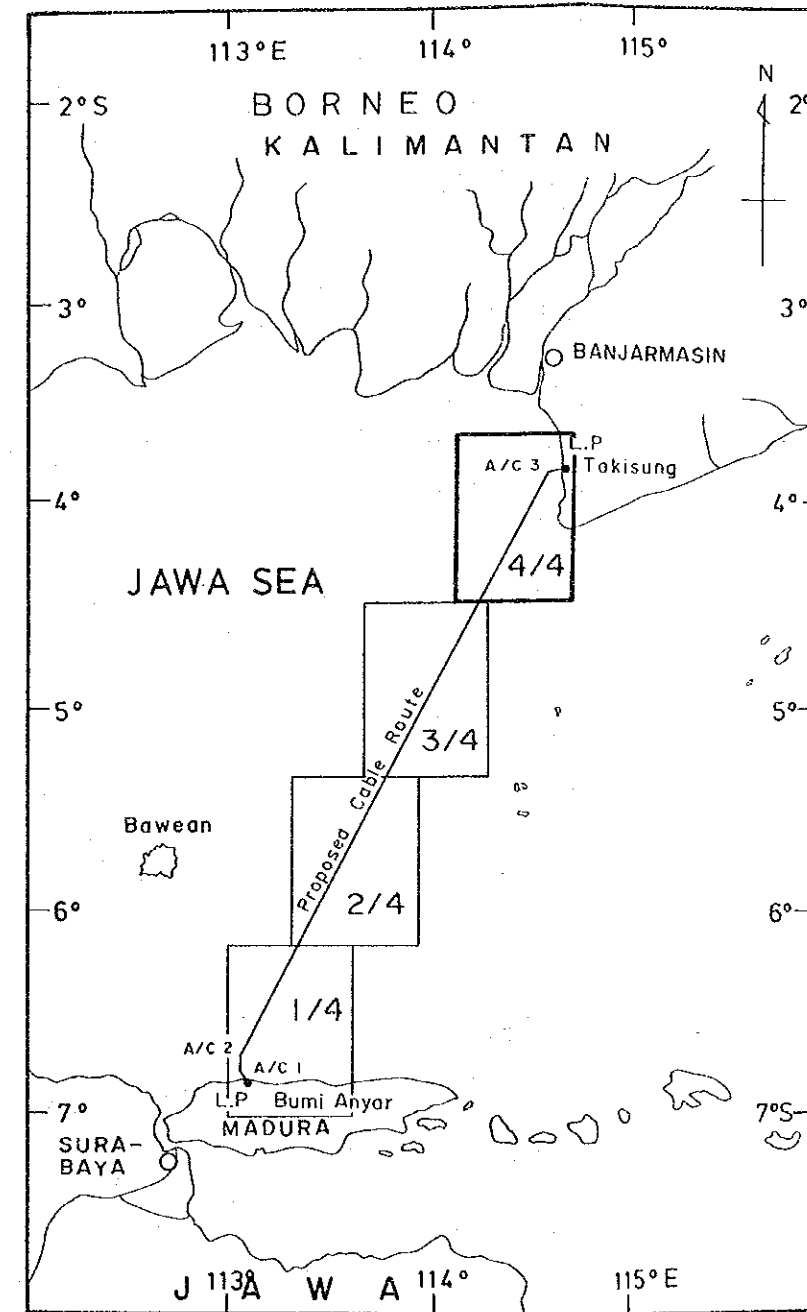


Figure 7 (4/4)

SURVEY TRACK
(OFFSHORE AREA)



114 20 E

114 30 E

114 40 E

4 20 S

4 30 S

SURVEY TRACKS (OFFSHORE AREA)

MERCATOR'S PROJECTION