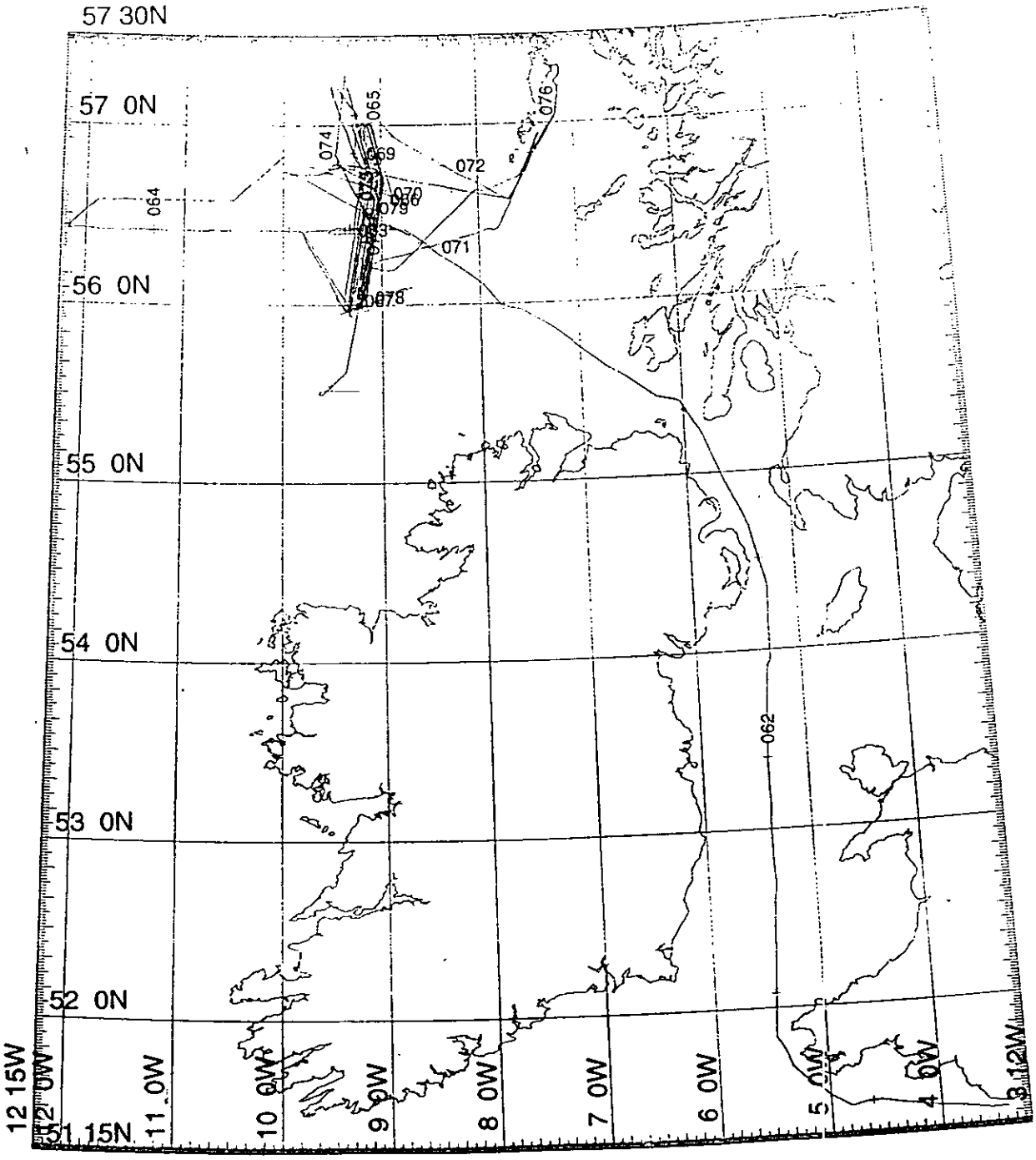


U.T.M. PROJECTION

GRID NO. 1

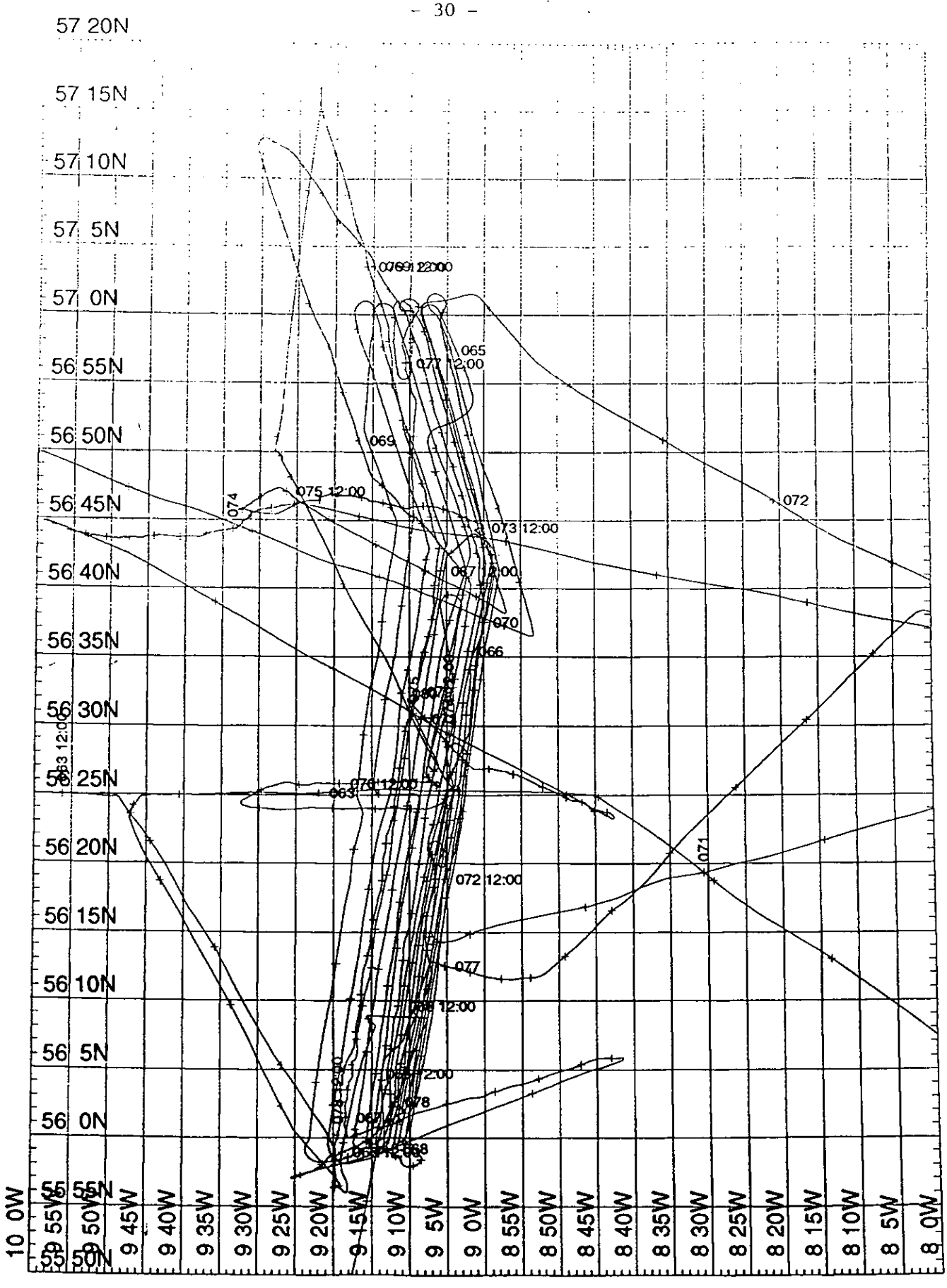
SCALE 1 TO 4000000 (.9996 NATURAL SCALE AT C.M.)

C.M. 9W International Spheroid

U.T.M. Zone 29

CD 91 Navigation

Fig. A3



RMS **U.T.M. PROJECTION** GRID NO. 1

SCALE 1 TO 740000 (.9996 NATURAL SCALE AT C.M.)

C.M. 9W International Spheroid

U.T.M. Zone 29

CD 91 Navigation

Fig. A4

NERC Land Ocean Interaction Study (LOIS)
The Location of the Shelf Edge Study Area

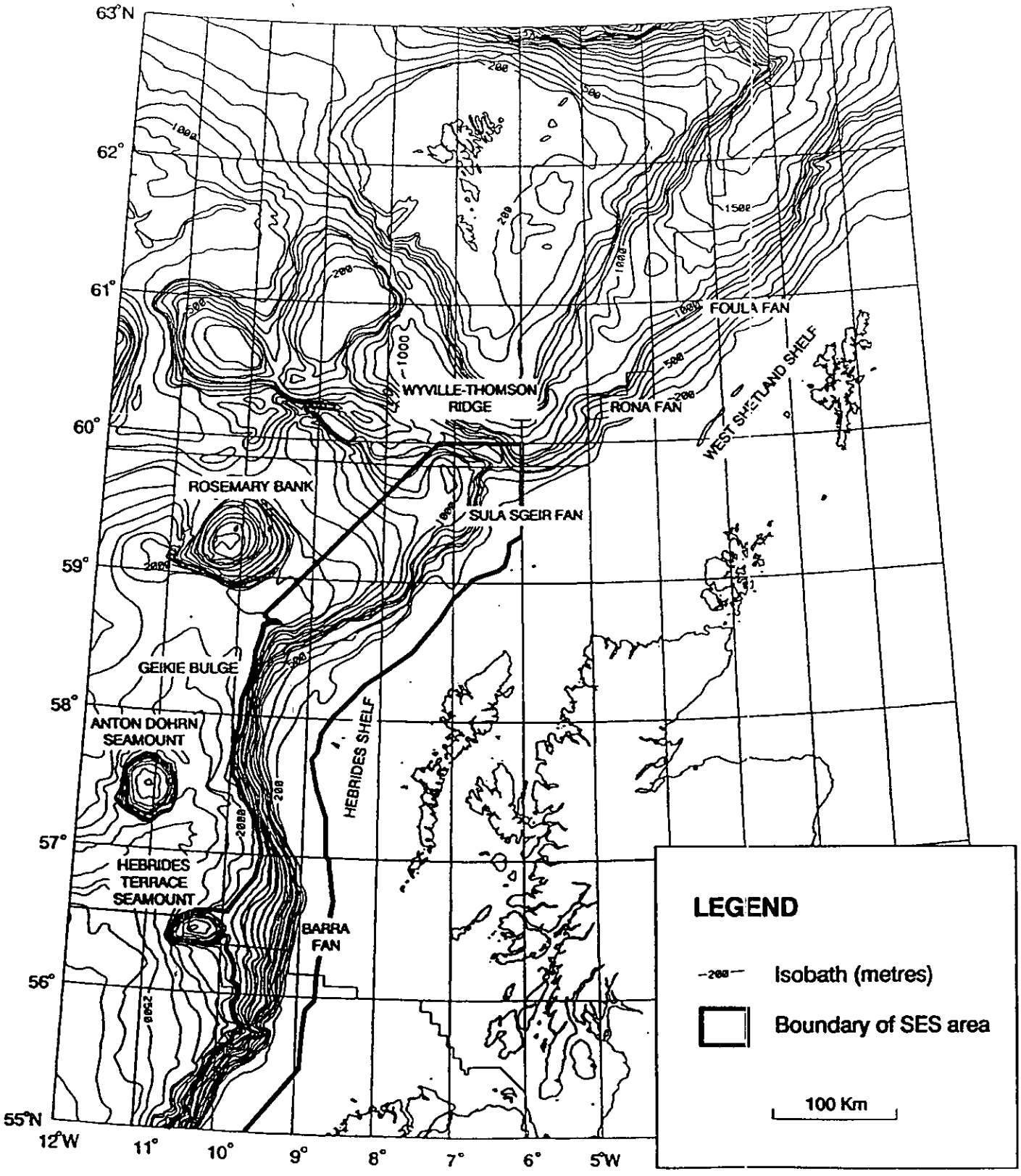


Fig. A5

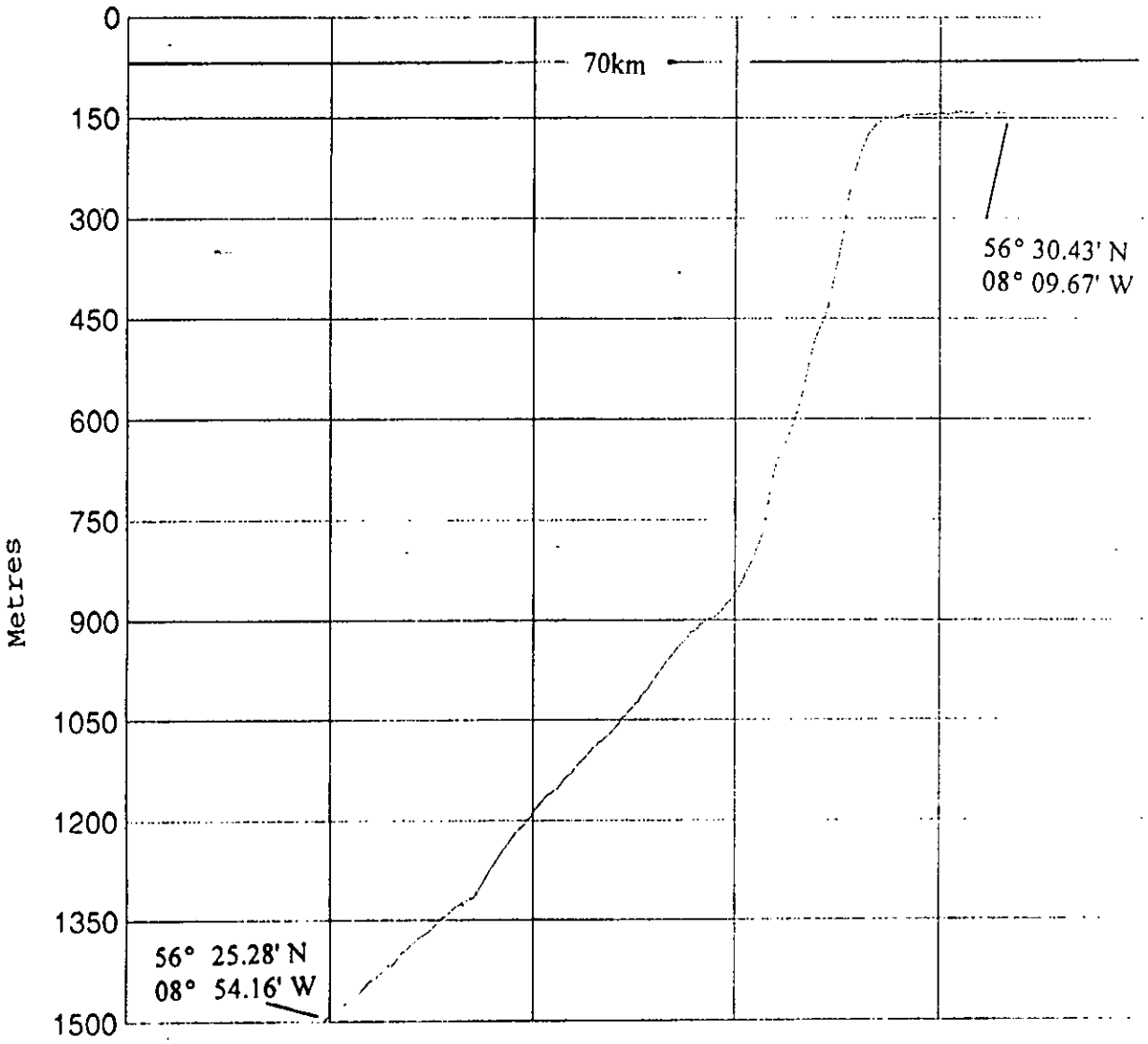


Fig. A6

Generalised section across the shelf edge in the southern array zone

Situated to the south of the Peach Slide, the section illustrated is across another buried slide or slump zone. If the section is shifted approximately 5km to the north, the large-scale topography will be preserved but the macroscale topography will be relatively smooth compared to the northern array zone. In this way the section will more closely fit the site requirements for a relatively smooth seabed compared to the northern section, these requirements being specified by the SES science community in April 1994.

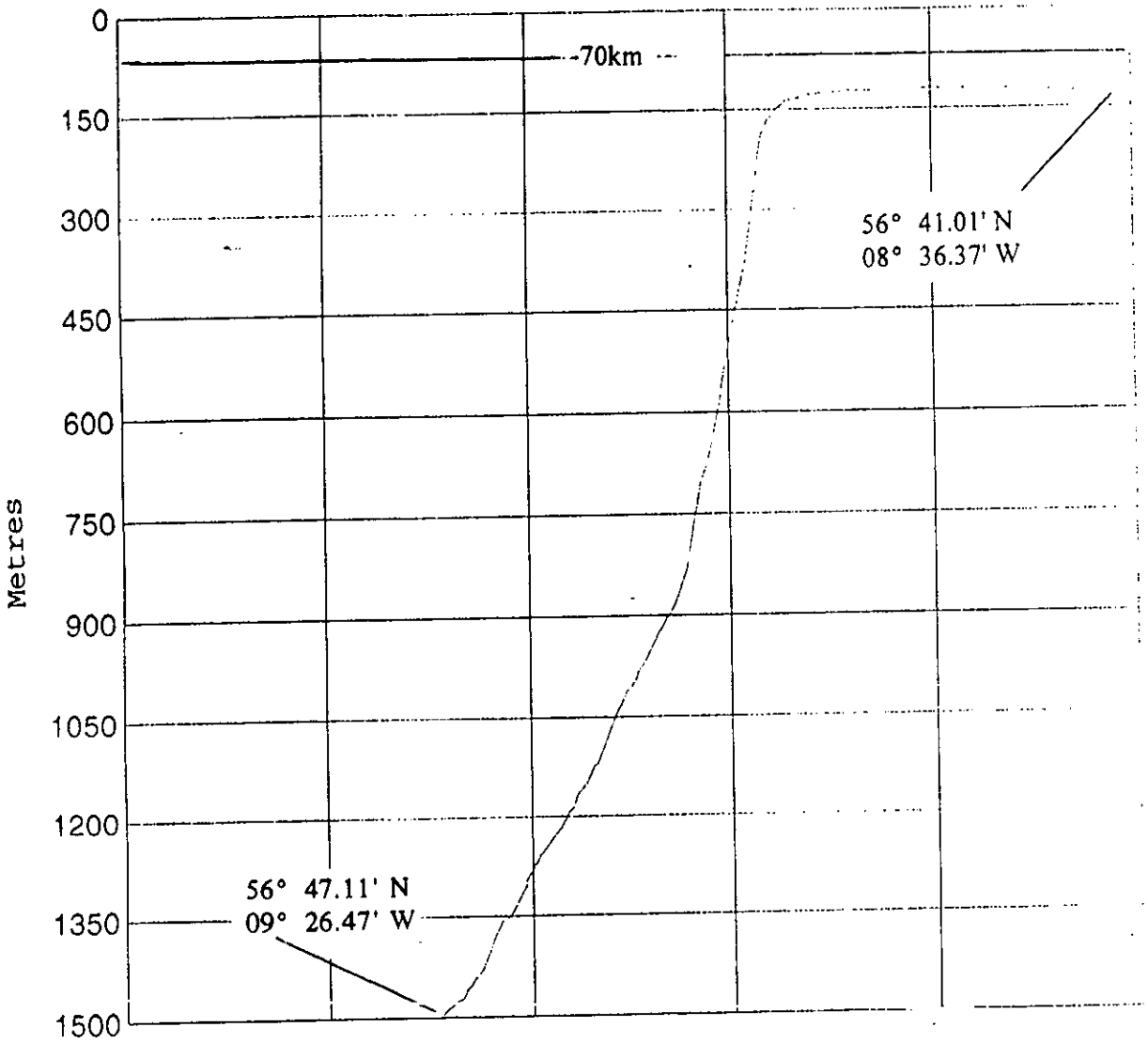


Fig. A7

Generalised section across the shelfedge in the northern array zone

The section illustrated is across part of the Peach Slide (Holmes, 1994).

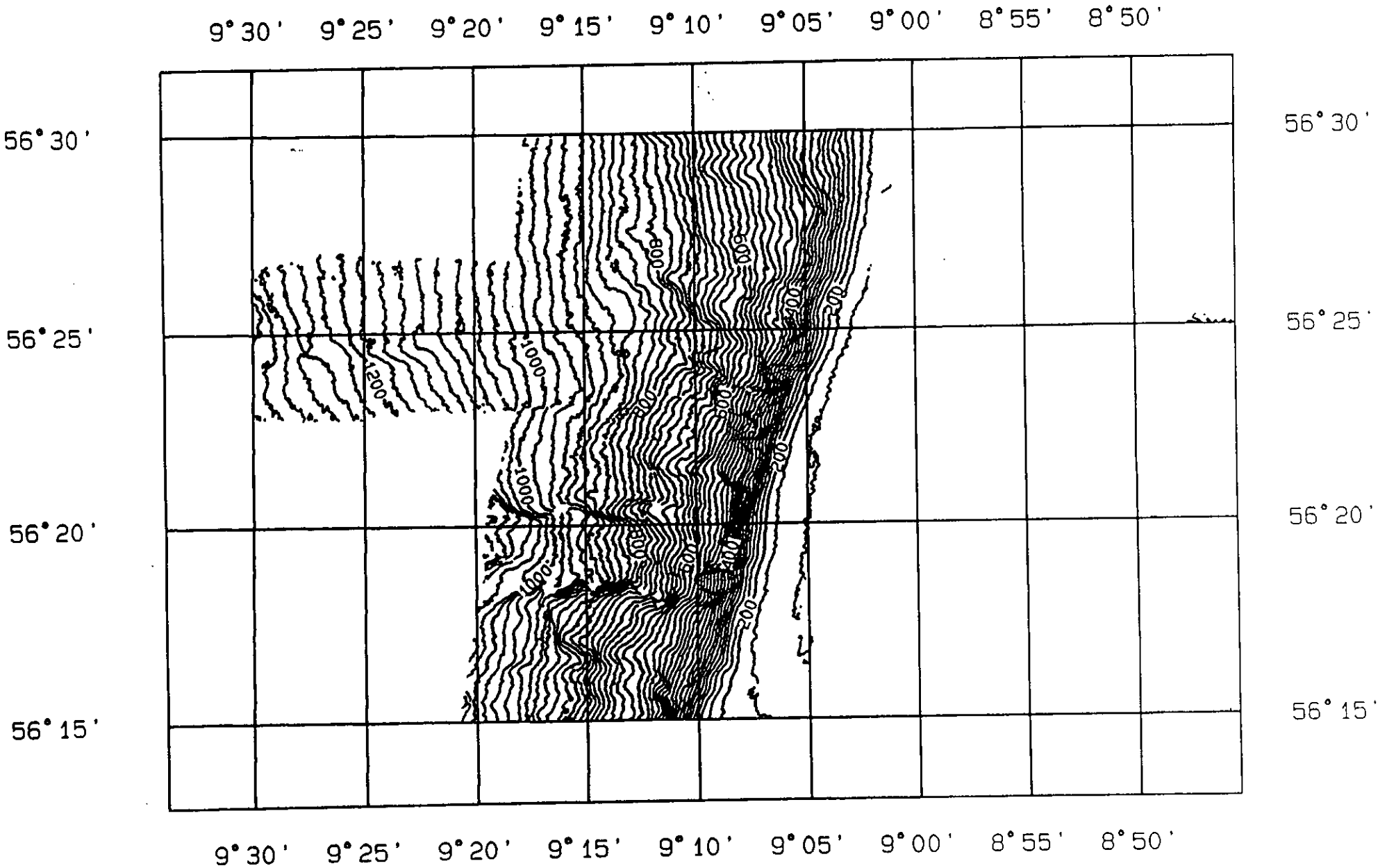

9°30'
9°25'
9°20'
9°15'
9°10'
9°05'
9°00'
8°55'
8°50'
56°30'
56°25'
56°20'
56°15'
1200
1000
800
600
400
200

Fig. A9

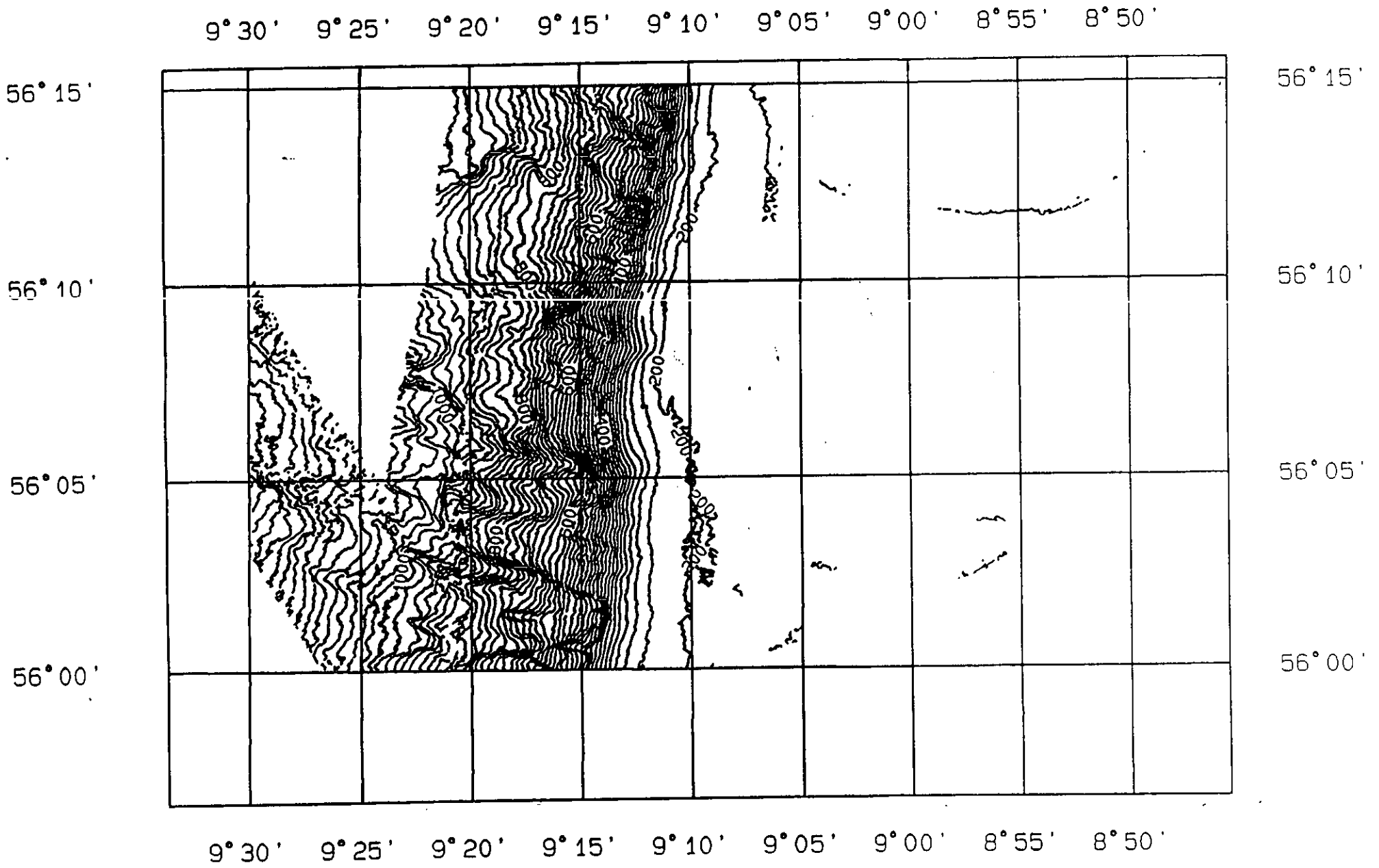


Fig. A8

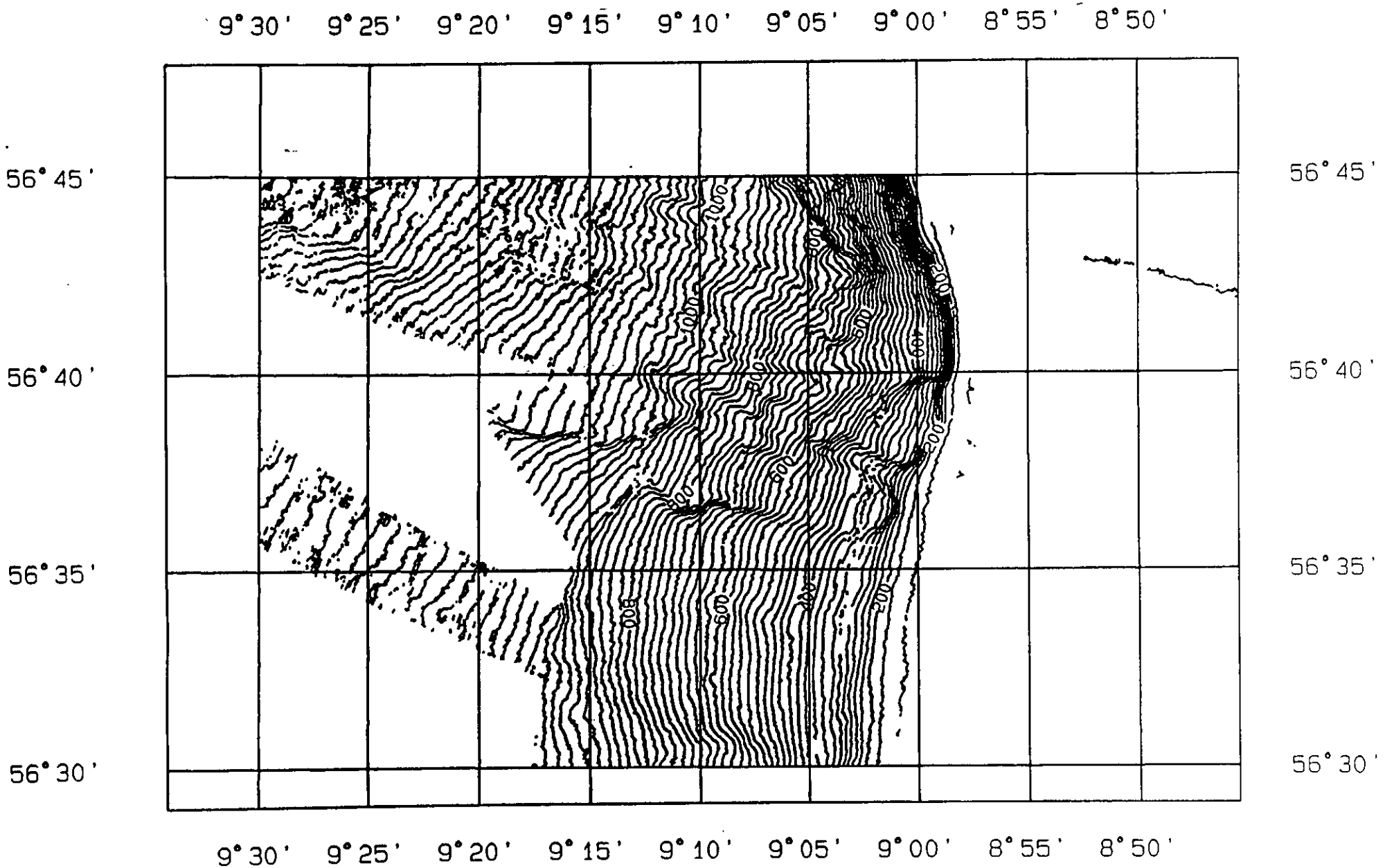


Fig. A10

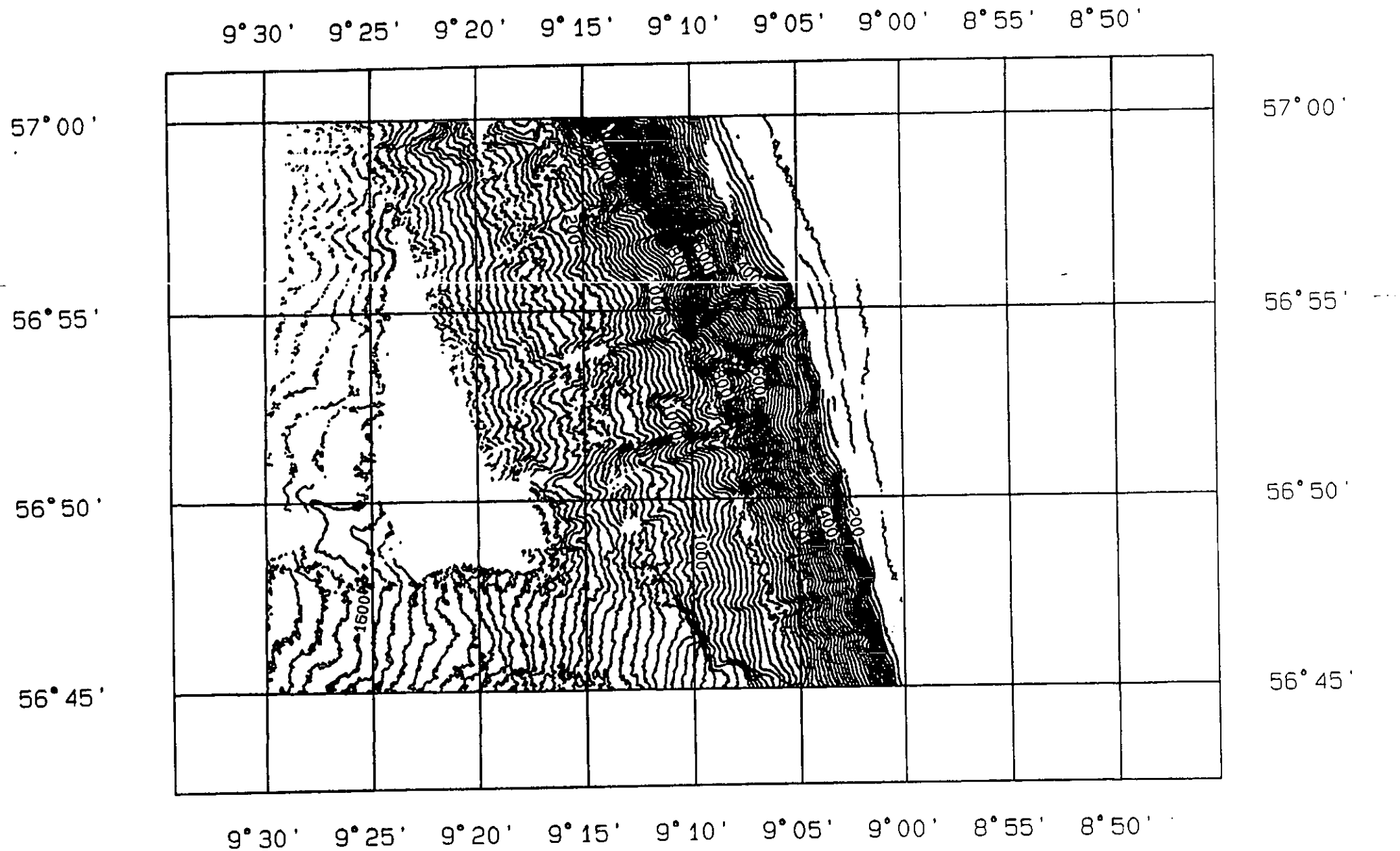

9°30'
9°25'
9°20'
9°15'
9°10'
9°05'
9°00'
8°55'
8°50'
57°00'
56°55'
56°50'
56°45'
200
400
1000
1600

Fig. A11

SIMRAD EM12S 120
RRS Charles Darwin

Transmit		
Frequency	12.7, 13.0 & 13.3 kHz	
Beam Angle	1.8 degrees fore / aft	
Transducer	384 elements 5 x 0.6m	
Receive		
Beam Angles	120 degrees	100-5500m
	105 degrees	5000-8000m
	90 degrees	7500-11000m
Maximum Swath Width	120 degrees	3.5 x depth
	105 degrees	2.8 x depth
	90 degrees	2.0 x depth
Transducer	210 elements 2.8 x 0.6m	

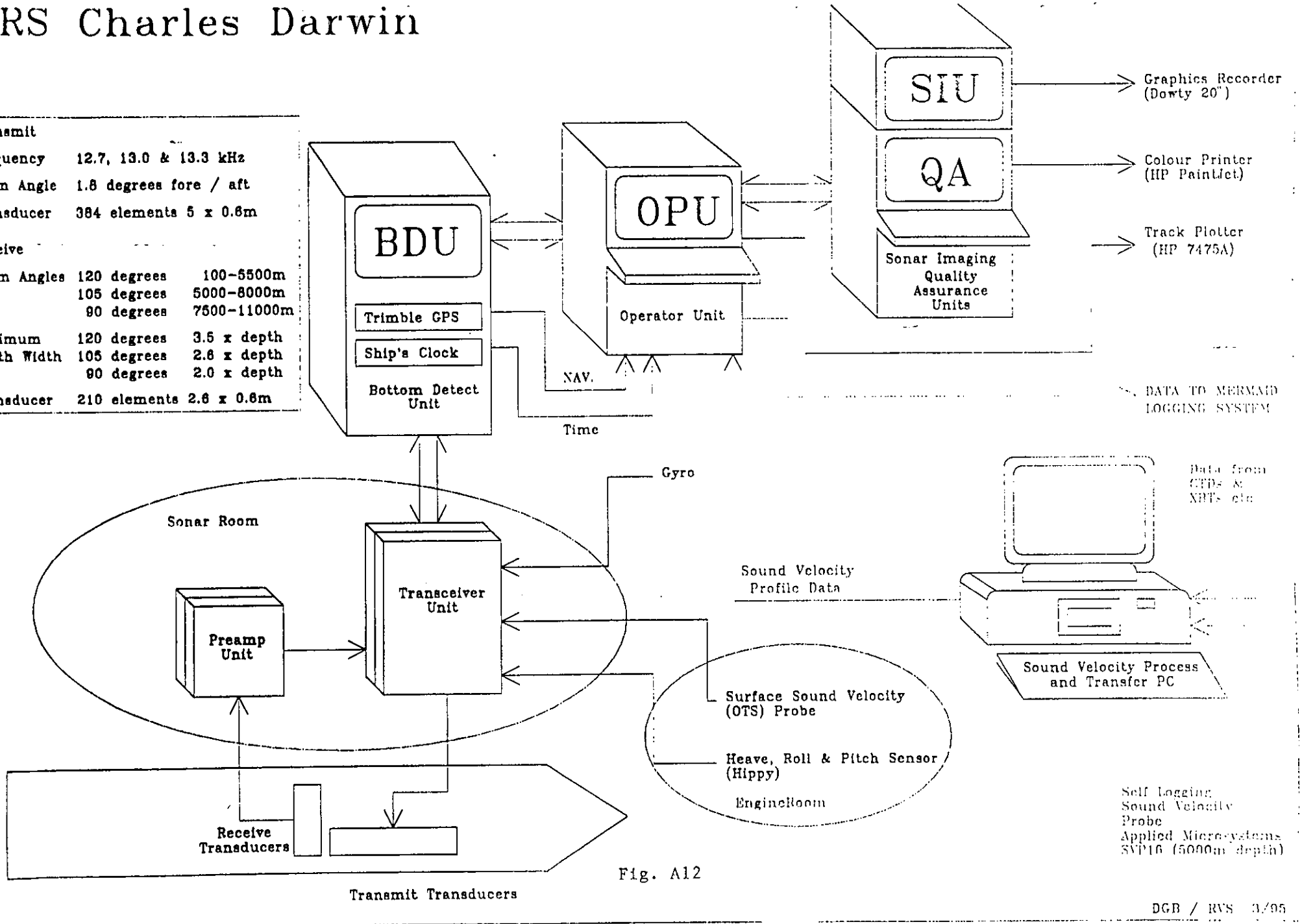


Fig. A12

DGB / RVS 3/95

Simrad EM12S - 120
Data Processing

A guide to processing multibeam surveys

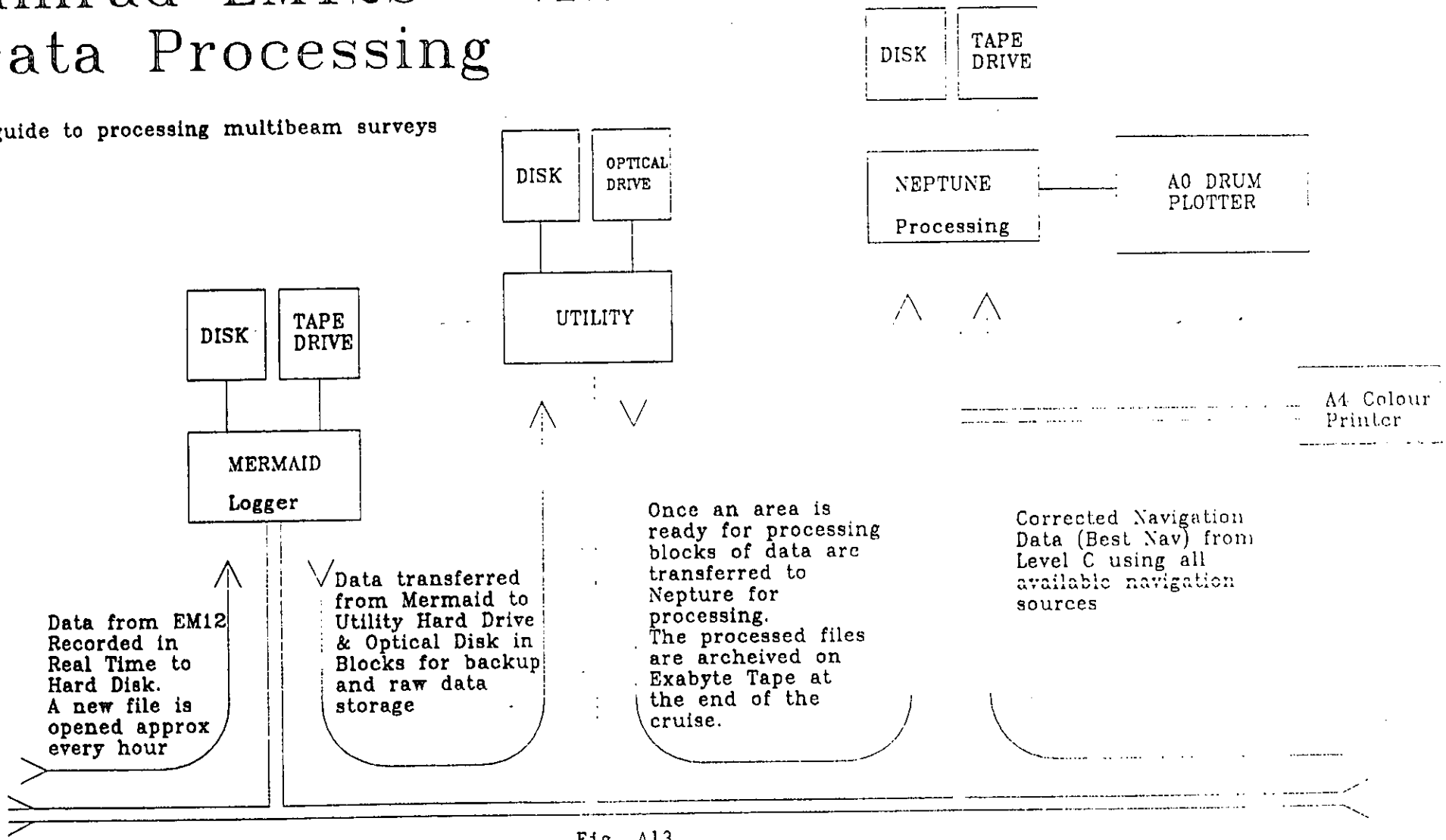


Fig. A13