

report on oceanographic cruises and data stations

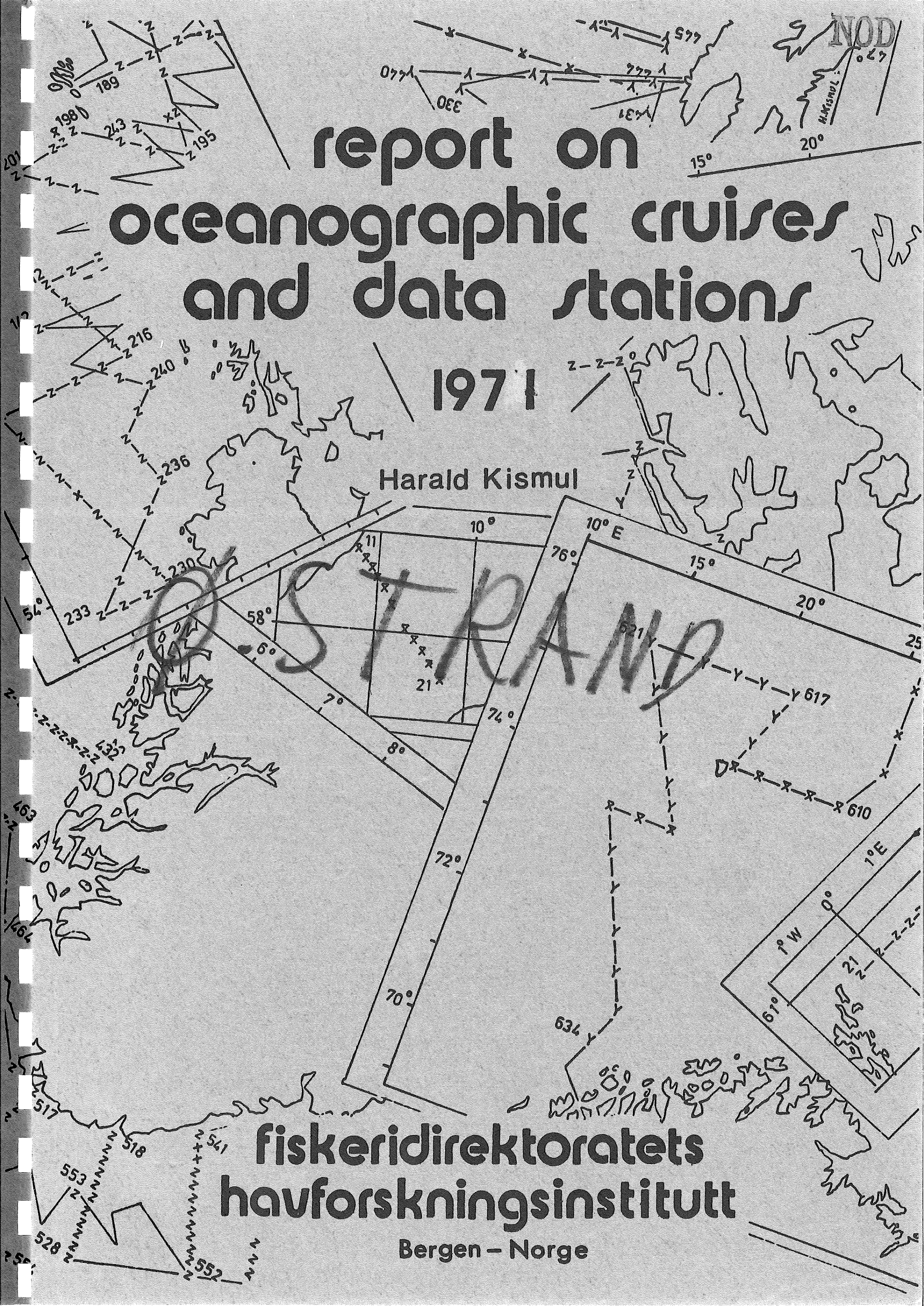
1971

Harald Kismul

STRAND

fiskeridirektoratets
havforskningsinstitutt

Bergen - Norge



FISKERIDIREKTORATETS
HAVFORSKNINGSINSTITUTT

Report on Oceanographic Cruises and Data Stations 1971

Guidelines:

- X Serial station
- Y BT station
- Z STD station
- △ Moored buoy station
- ◊ Plankton station

Bergen, January 1972.

Harald Kismul

General Form

Year: 1971

Country: NORWAY (58)

IMS Cruise No. ----- ICES Ref. No.	Period of cruise or frequency of all-year observations	Serial stat.	Number of					Chem. observ. (specify by chem. symbol)	Observations of Currents from										Observations made under way by					Other observations			Data exchangeable	Comments	Page of track chart							
			STD	Bottom	Surface	BT	XBT		Plankton	Optical measurements	Anchor, vessel	Drift, vessel (shear meth.)	Moored ocean. stat.	GEK	Parach. drogue/ovar. cross	Neut.-buoyant floats	Surf. ocean-bed drift, vel.	Surf. thermograph	Undul. ocean. record.	Echo sounder	Geophys. instruments	Transparency meter	Other phys. quantities	Meteorology	Biology	Geology										
1/12	6/1-19/1	6				37																														
2/12	21/1-2/2					55																														
3/12	7/2-22/2					46																														
4/12	18/3-29/3	11				25																														
5/12	2/4-9/4	40				24																														
6/12	13/4-28/4	25				46																														
7/12	29/4-5/5	42				22																														
8/12	10/7-5/8	68				82																														
9/12	24/8-15/9	41				31																														
10/12	4/10-14/10	103																																		
11/12	22/10-4/11	18				29																														
12/12	24/10-11/12	19				1																														
1/14	23/2	11																																		
2/14	29/3-22/4	25				78																														
3/14	3/5- 7/5	22				20																														
4/14	25/5-28/5																																			
5/14	8/6 - 9/6																																			

"Joh. Hjort"	1
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"P. Rønnestad."	12
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General Form

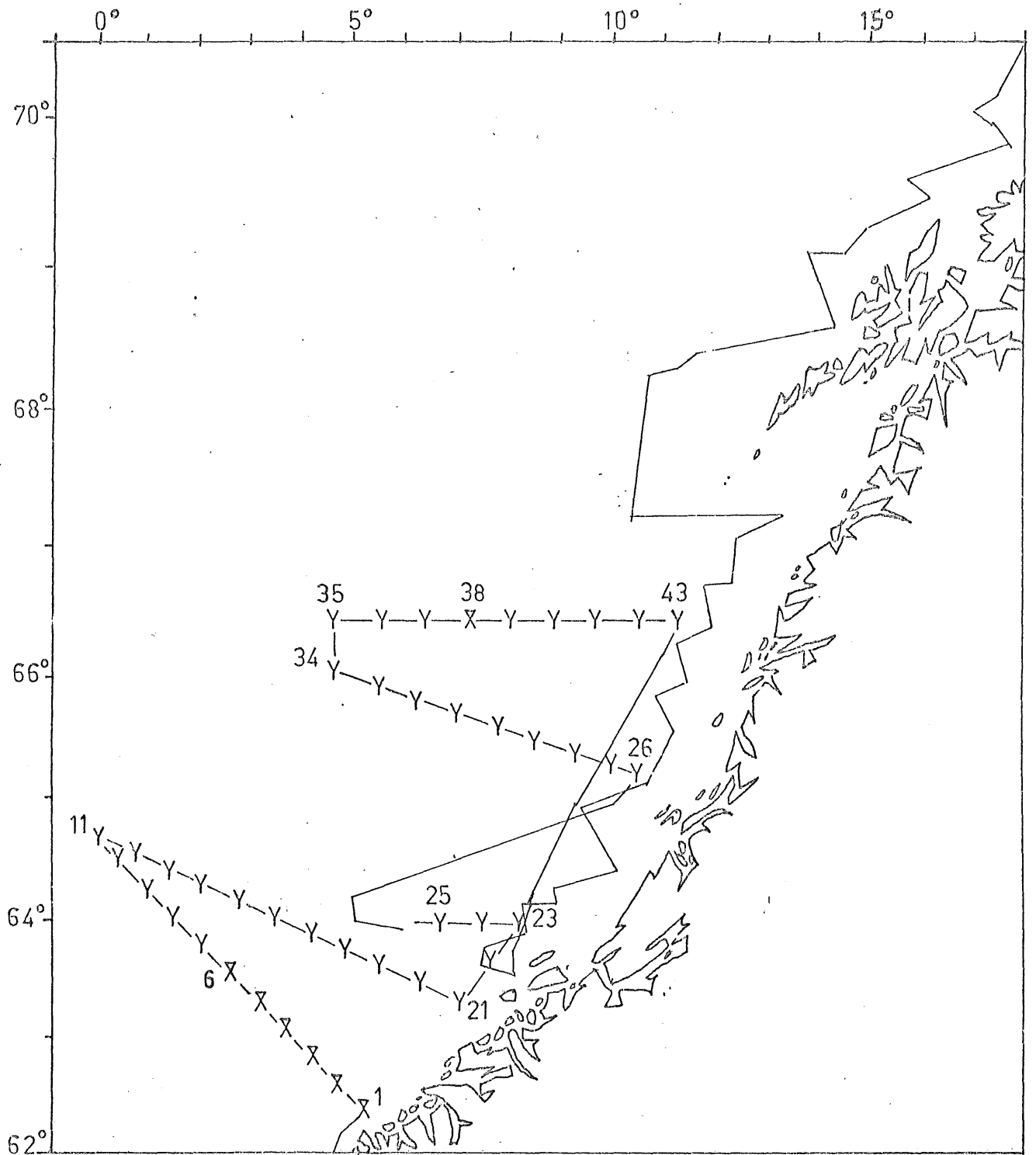
Year: 1971

Country: NORWAY (58)

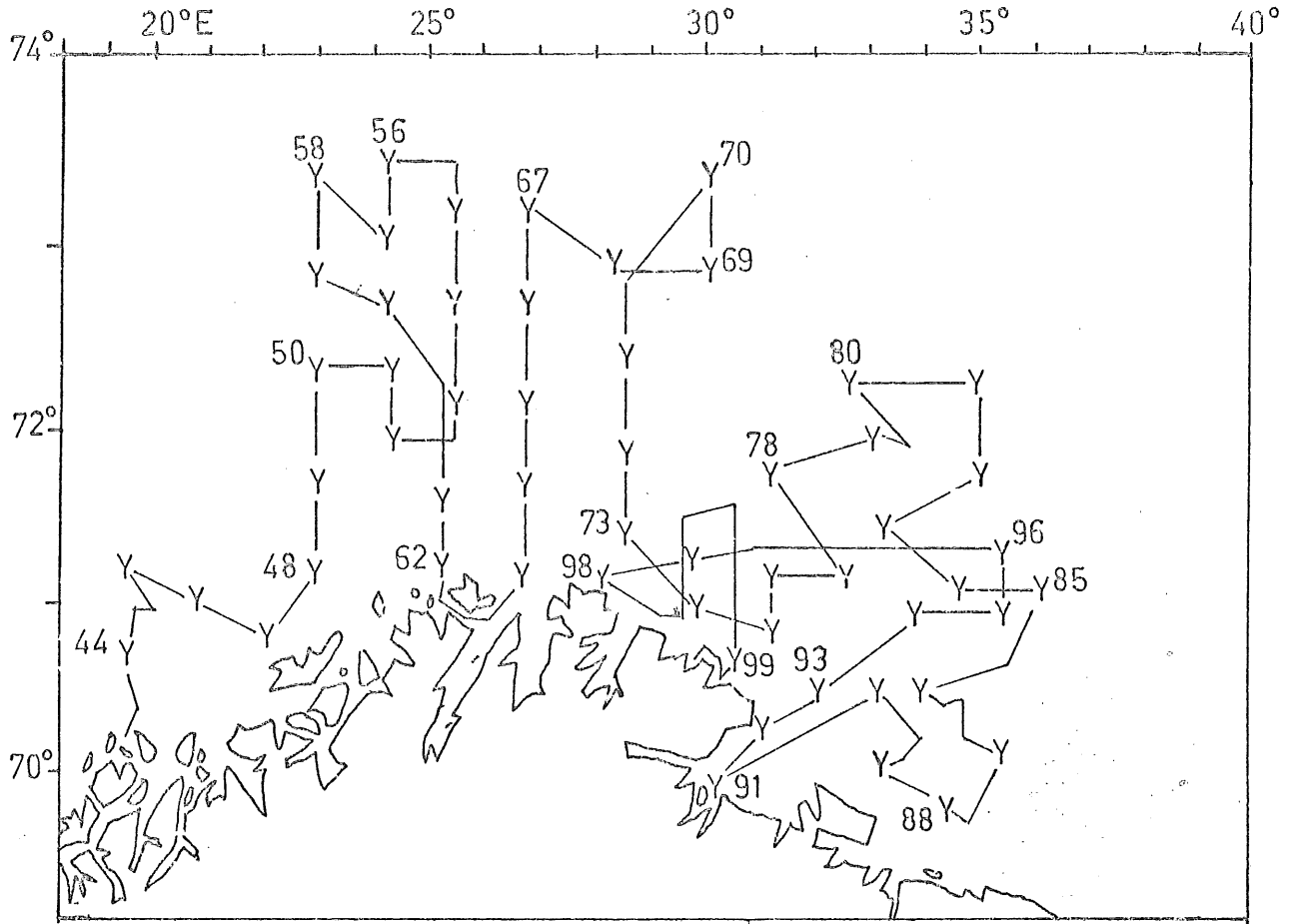
IMS Cruise No.	Period of cruise or frequency of all-year observations	Number of						Chem. observ. (specify by chem. symbol)	Observations of Currents from										Observa- tions made under way			Other observa- tions			Data exchangeable	Comments	Page of track chart
		Serial stat.	"	"	"	"	"		Plankton "	Optical measurements	Anchor, vessel	Drift, vessel (sheet meth.)	Moored ocean. stat.	GEK	Parach.drogue/curr.gross	Neut.-buoyant floats	Surf. or sea-bed drift, rel.	Surf. thermograph	Undul. ocean. record.	Echo sounder	Geophys. instruments	Transparency meter	Other phys. quantities	Meteorology			
1/15	23/1-30/1	1	2													X	X	X	X	X	X	X				"G.O. Sars"	15
2/15	1/2 -12/2	11	11				1									X	X	X	X	X	X	X				" "	16
3/15	17/2-6/3		63													X	X	X	X	X	X	X				" "	17
4/15	7/3-5/4		124													X	X	X	X	X	X	X				" "	18
5/15	22/4-23/4	*	15								X					X	X	X	X	X	X	X				" "	19
6/15	24/4-9/5		69													X	X	X	X	X	X	X				" "	20
7/15	2/6-27/6		153													X	X	X	X	X	X	X				" "	21
8/15	8/8-18/8		41													X	X	X	X	X	X	X				" "	22
9/15	24/8-10/9		82								3					X	X	X	X	X	X	X				" "	23
10/15	12/9-30/9		38													X	X	X	X	X	X	X				" "	24
11/15	13/10-7/11		54													X	X	X	X	X	X	X				" "	25
12/15	19/11-8/12		100													X	X	X	X	X	X	X				" "	26
1/16	12/1-14/12		98													X	X					X			"G.M. Dannevig.	27	

*VA m/4 om(5)

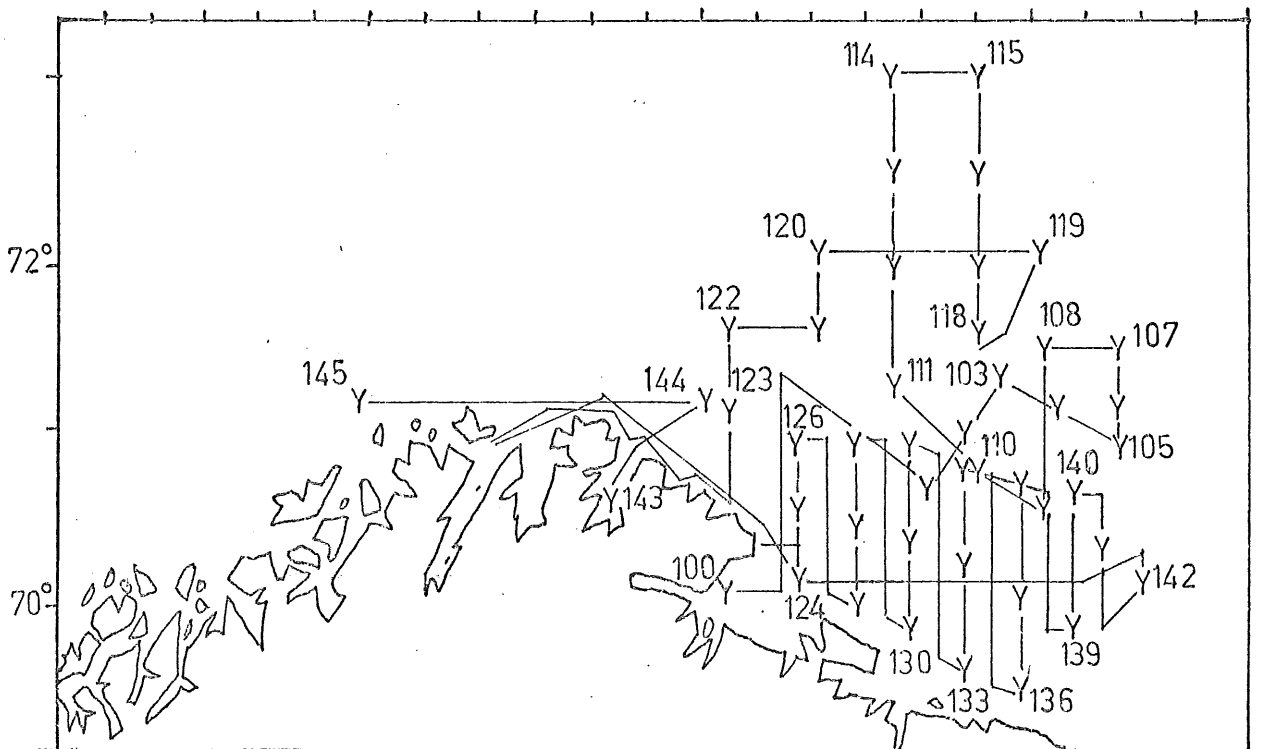
ICES Annual Report on Oceanographic Cruises and Data Stations



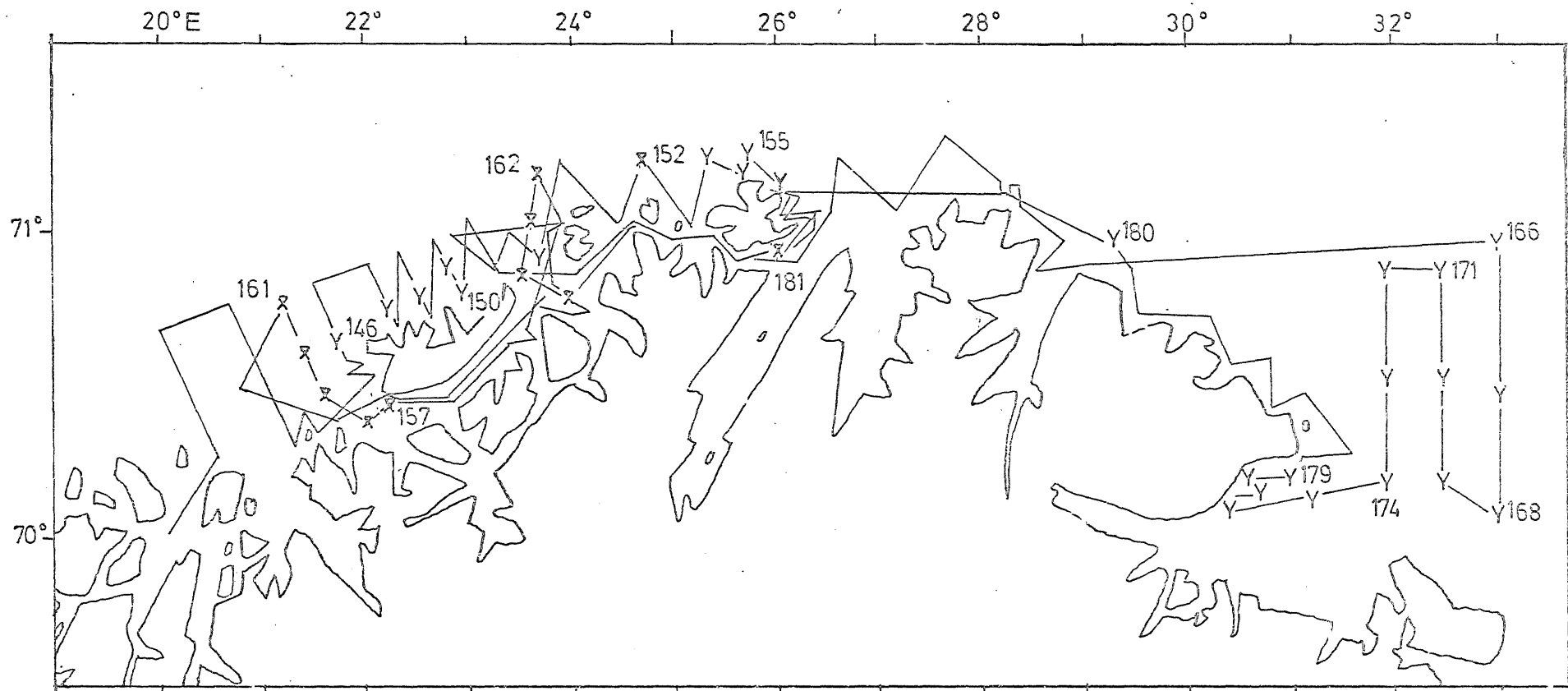
6-19 JAN. 1971 ST. NO. 1-43 JOHAN HJORT



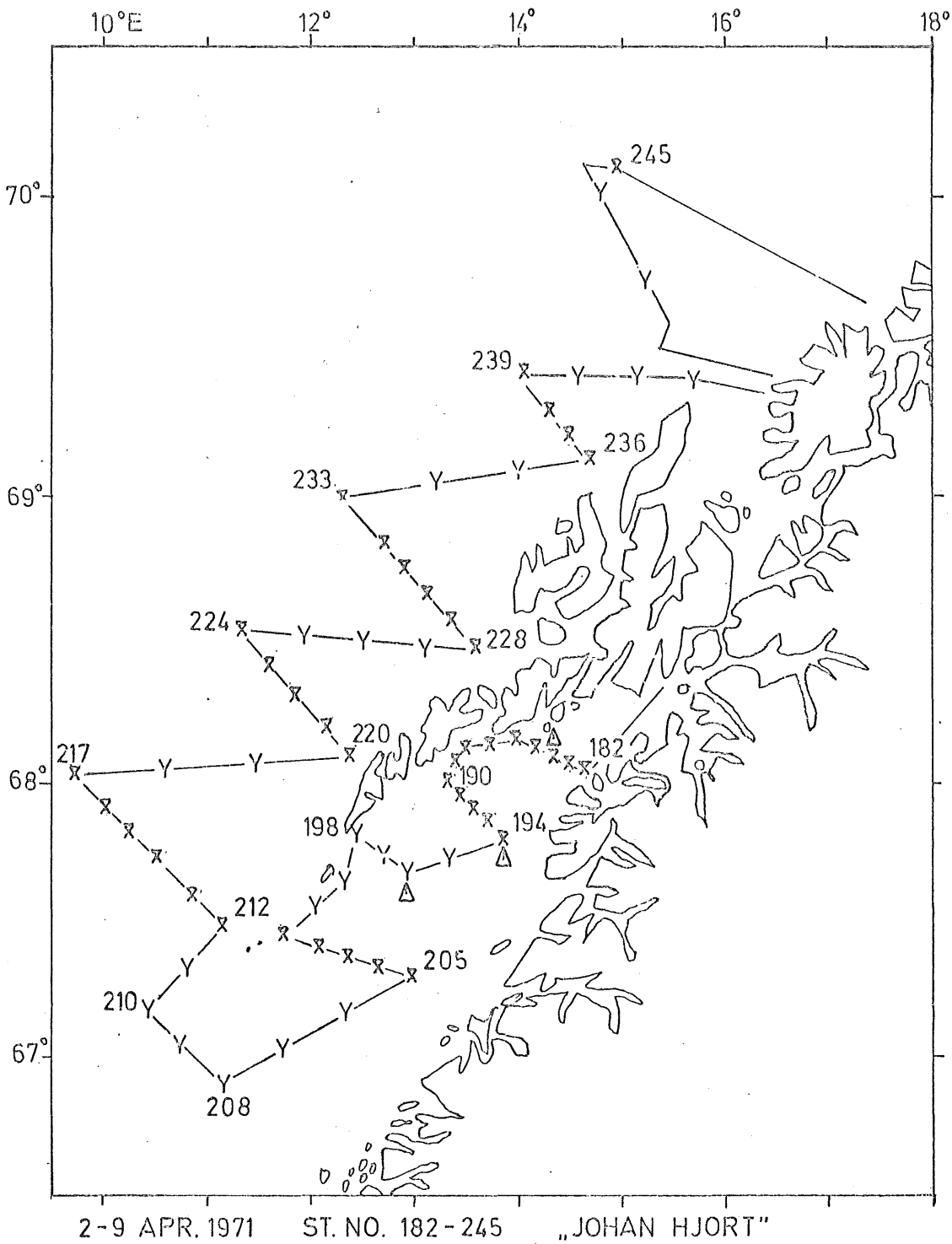
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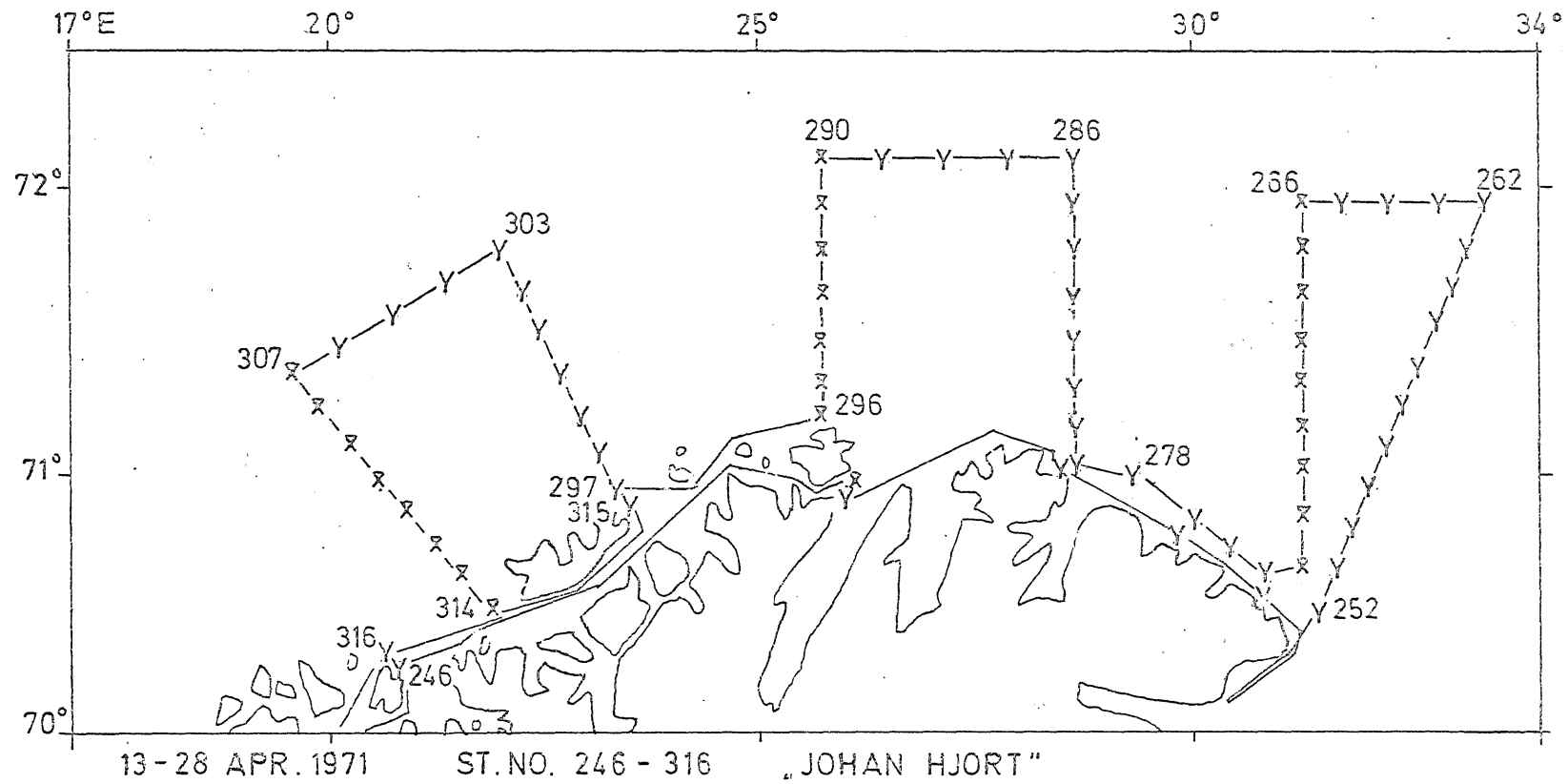


7-22 FEB. 1971 ST. NO. 100-145 JOHAN HJORT

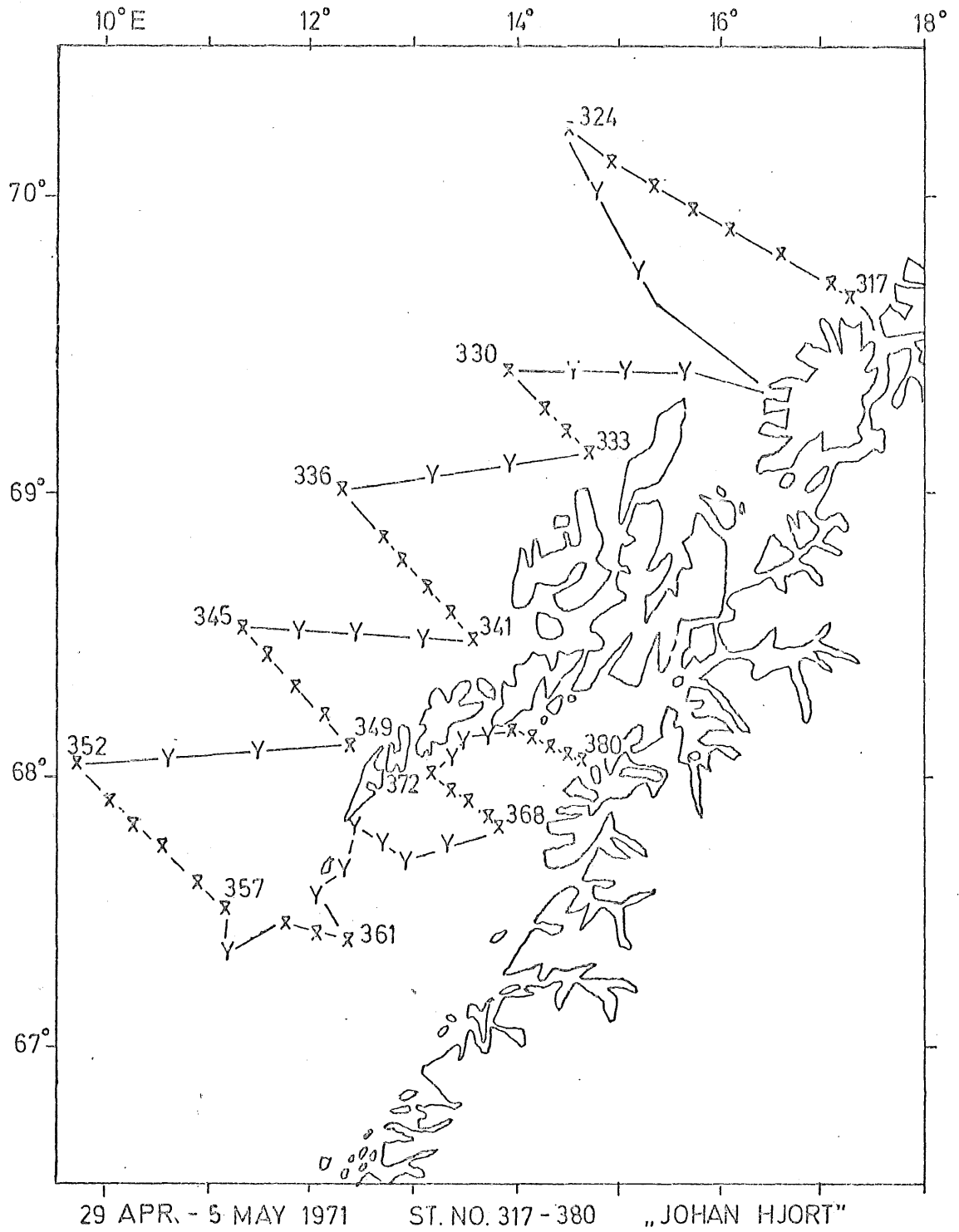


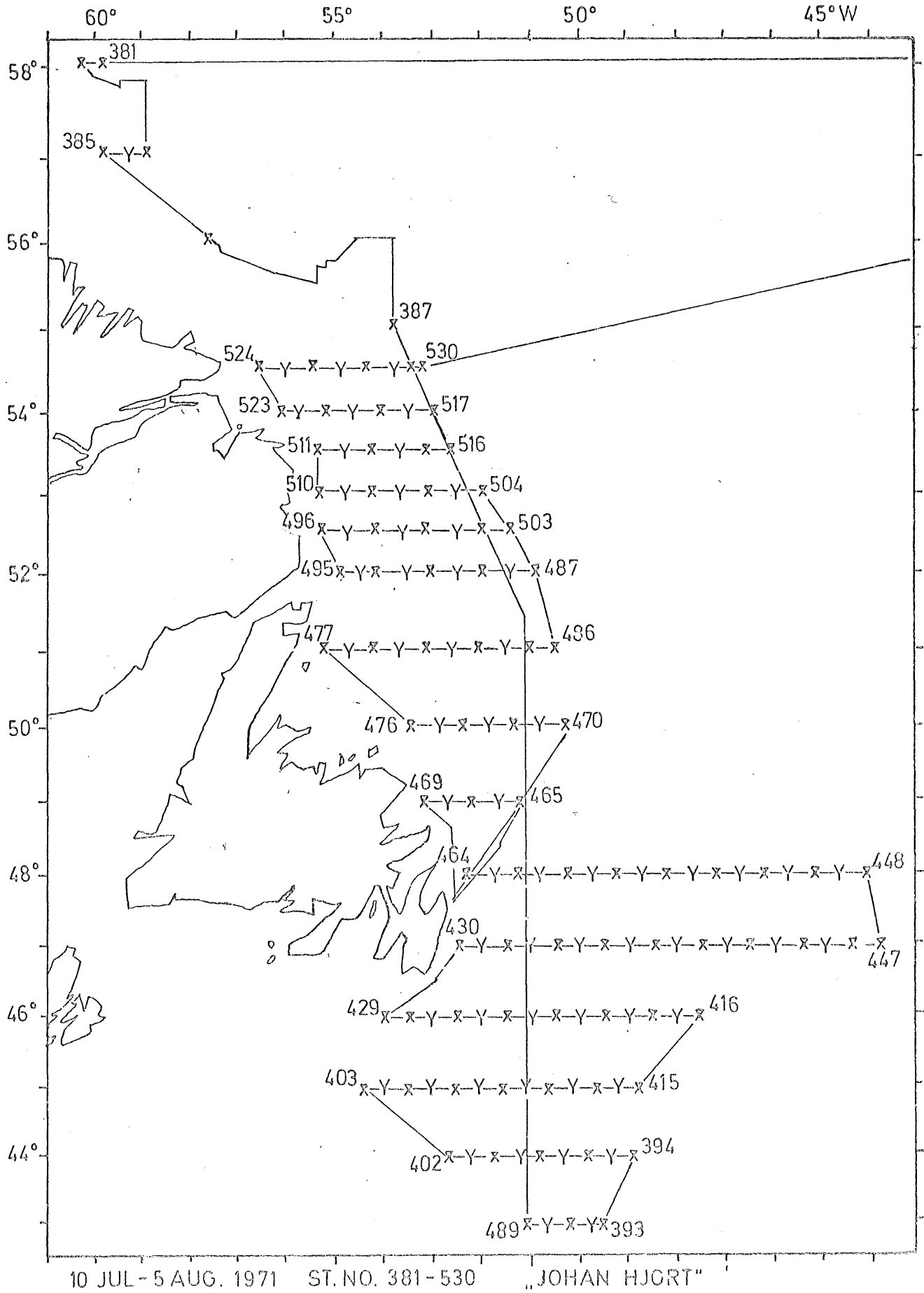
18 - 29 MAR. 1971 ST. NO. 146 - 181 „JOHAN HJORT“



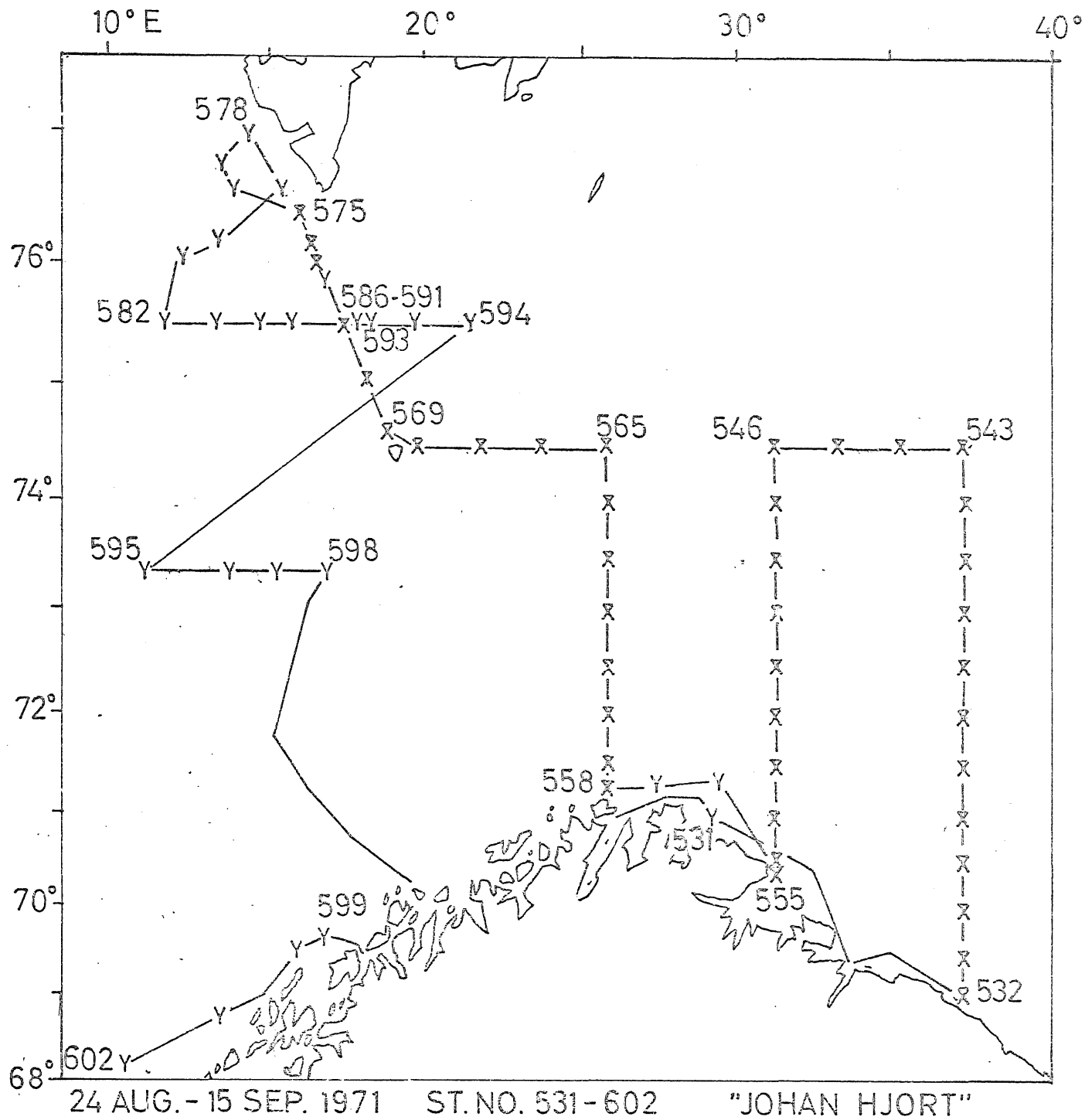


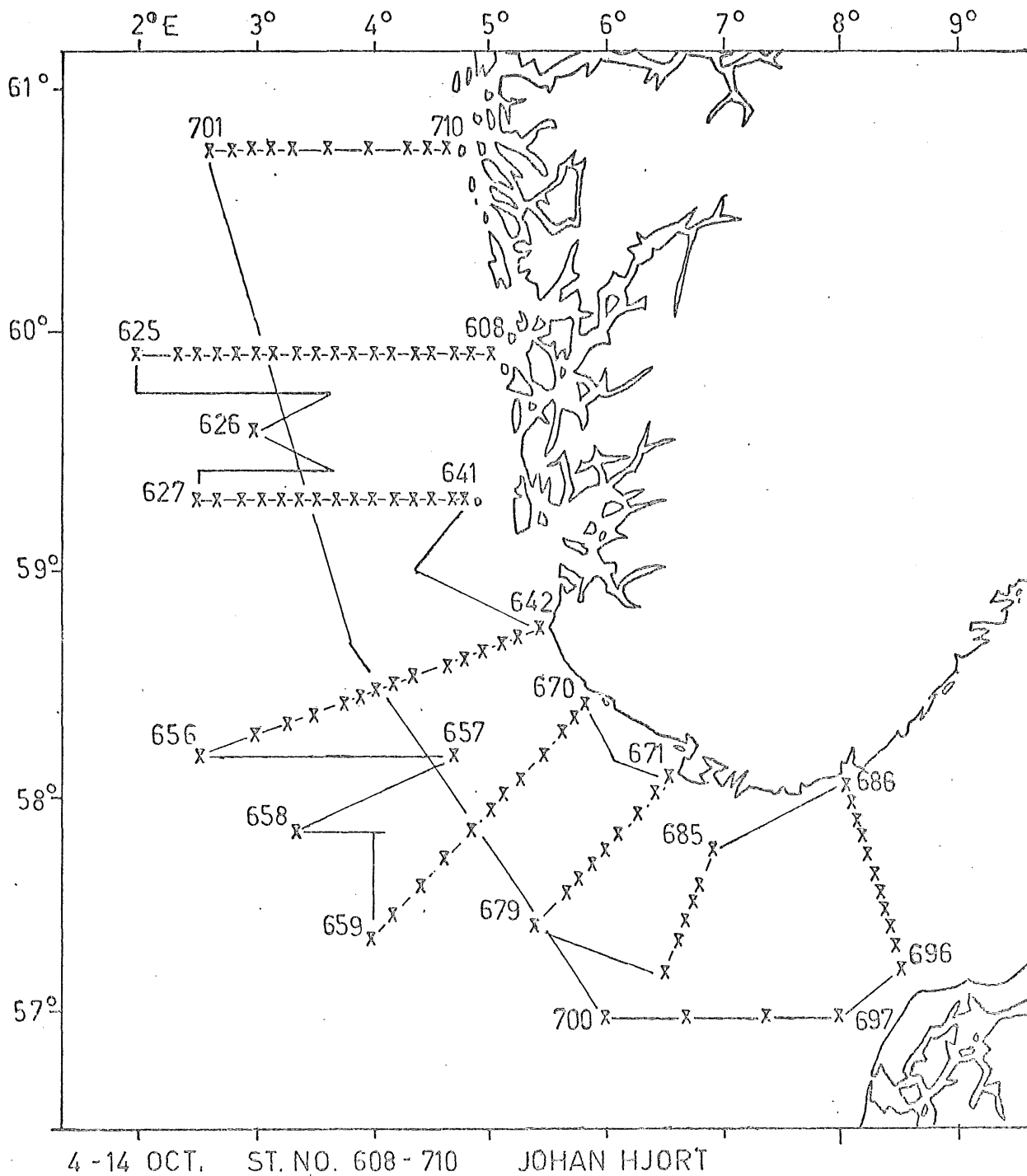
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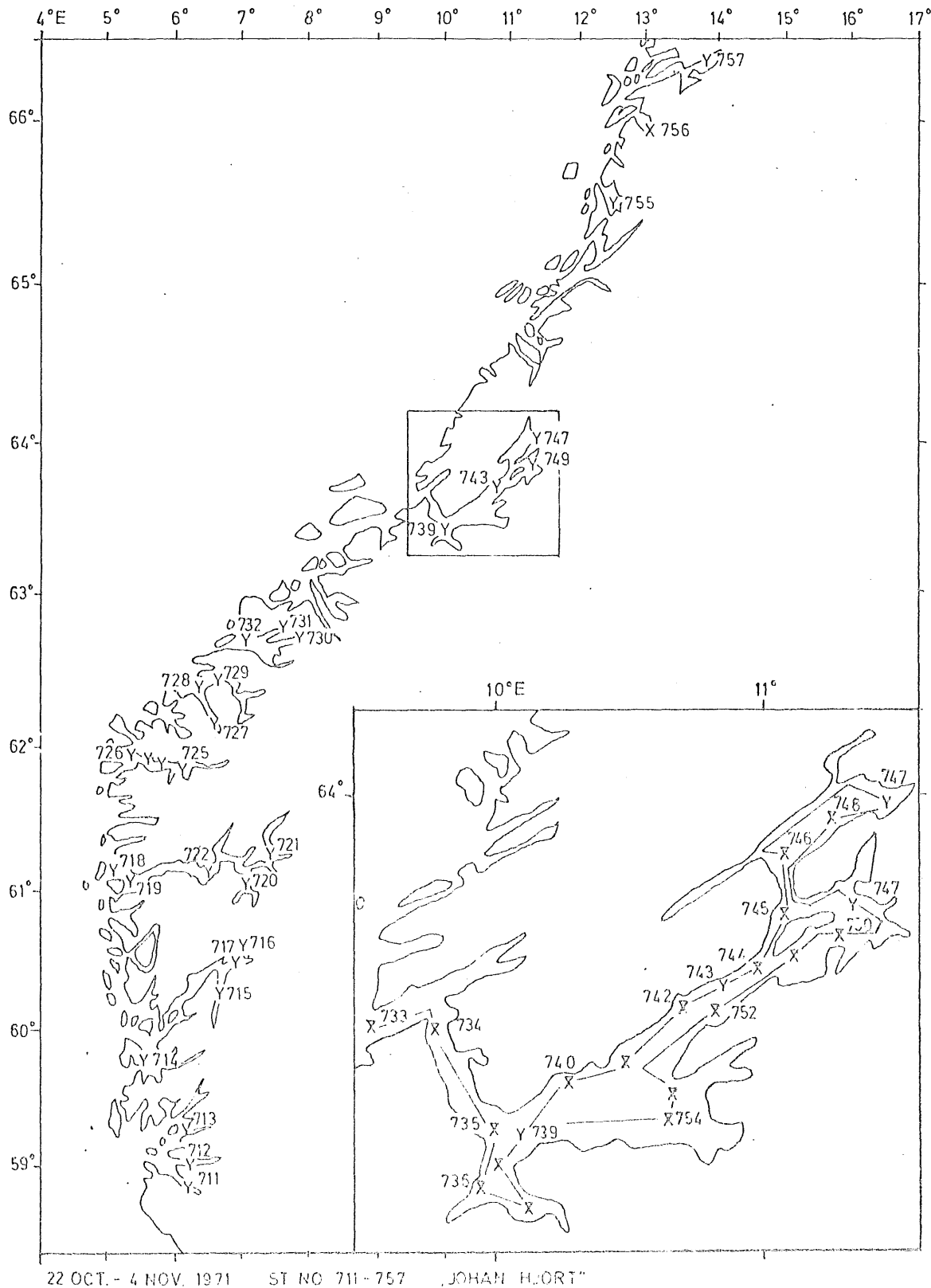


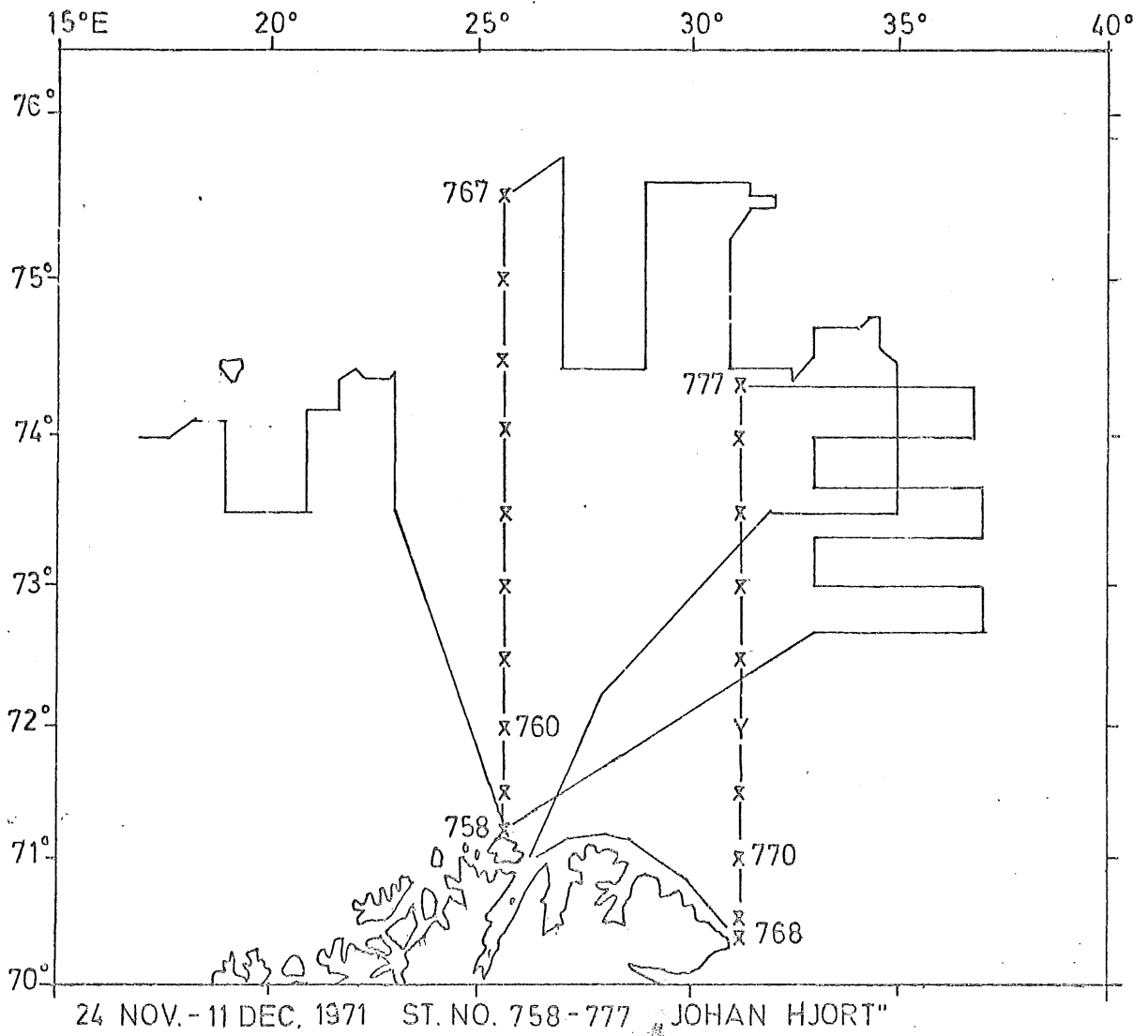


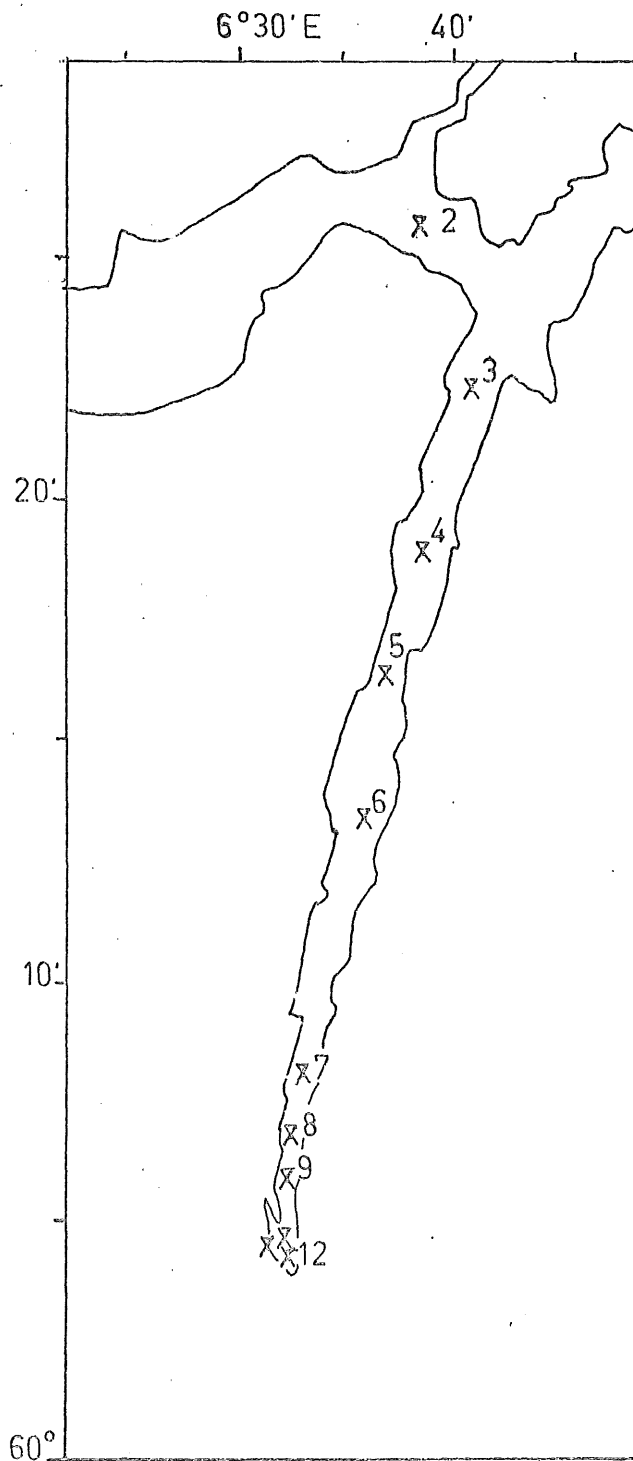
10 JUL - 5 AUG. 1971 ST. NO. 381-530 "JOHAN HJGRT"



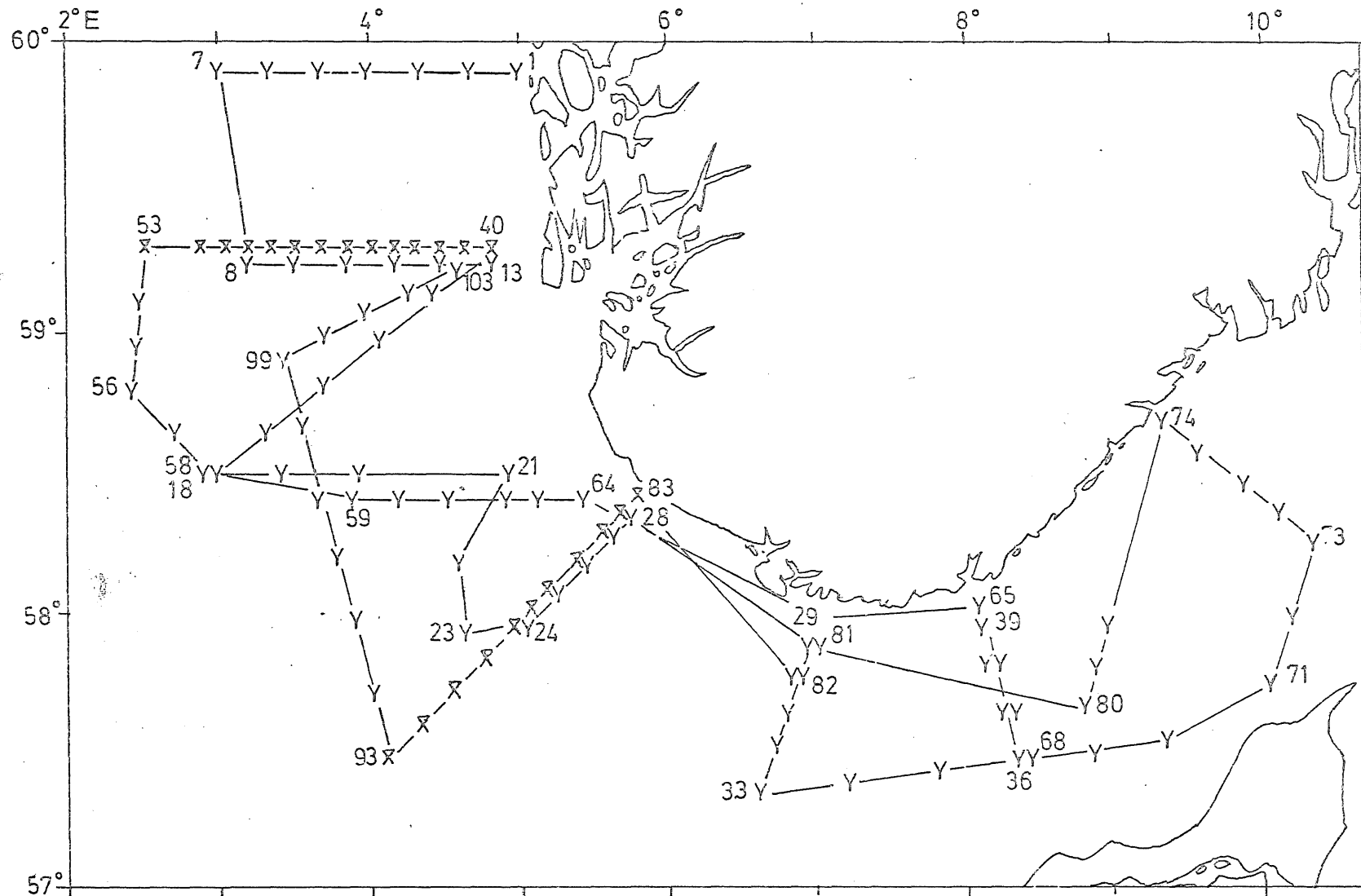




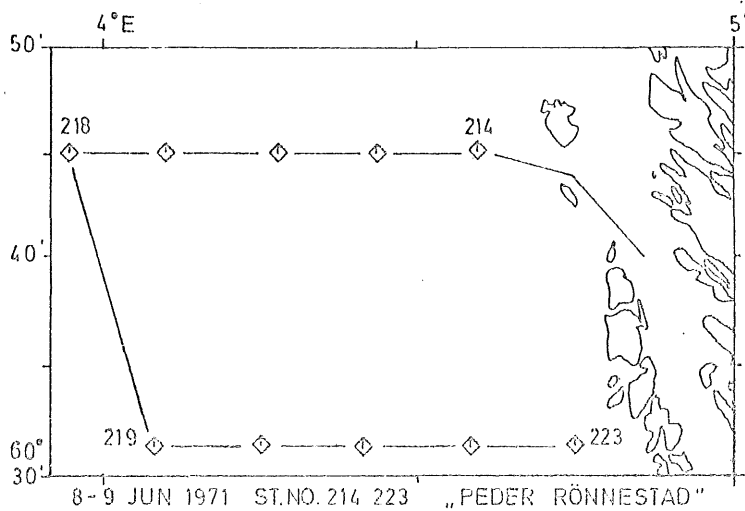
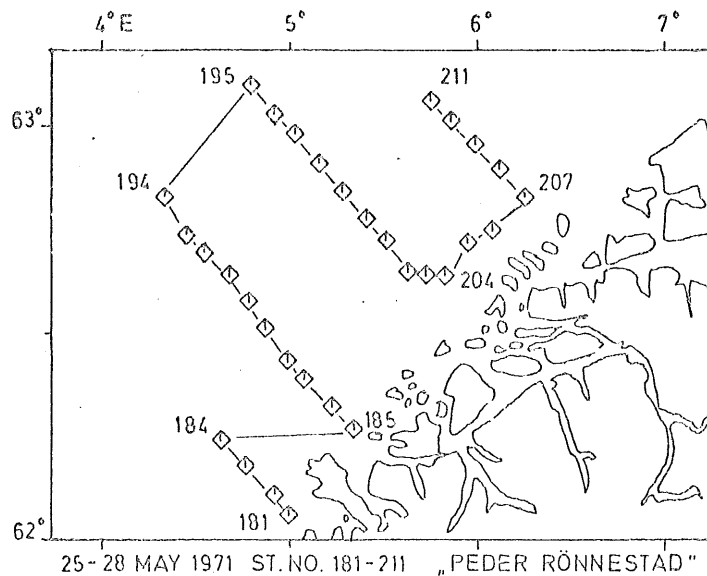
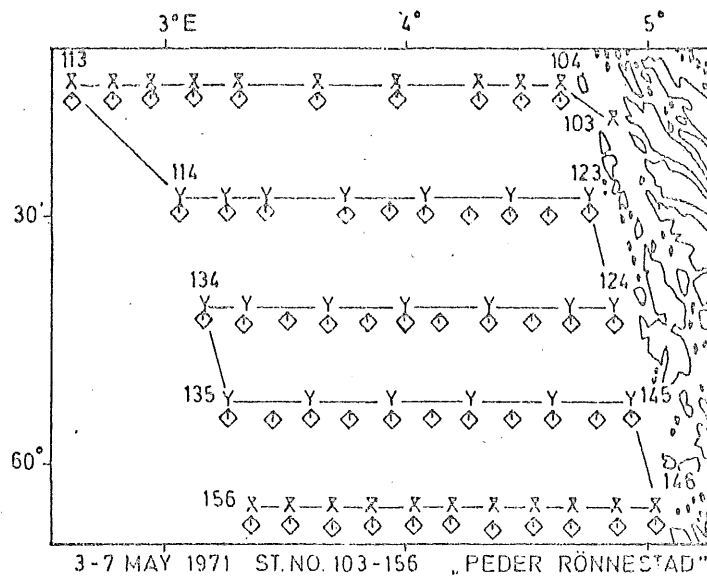


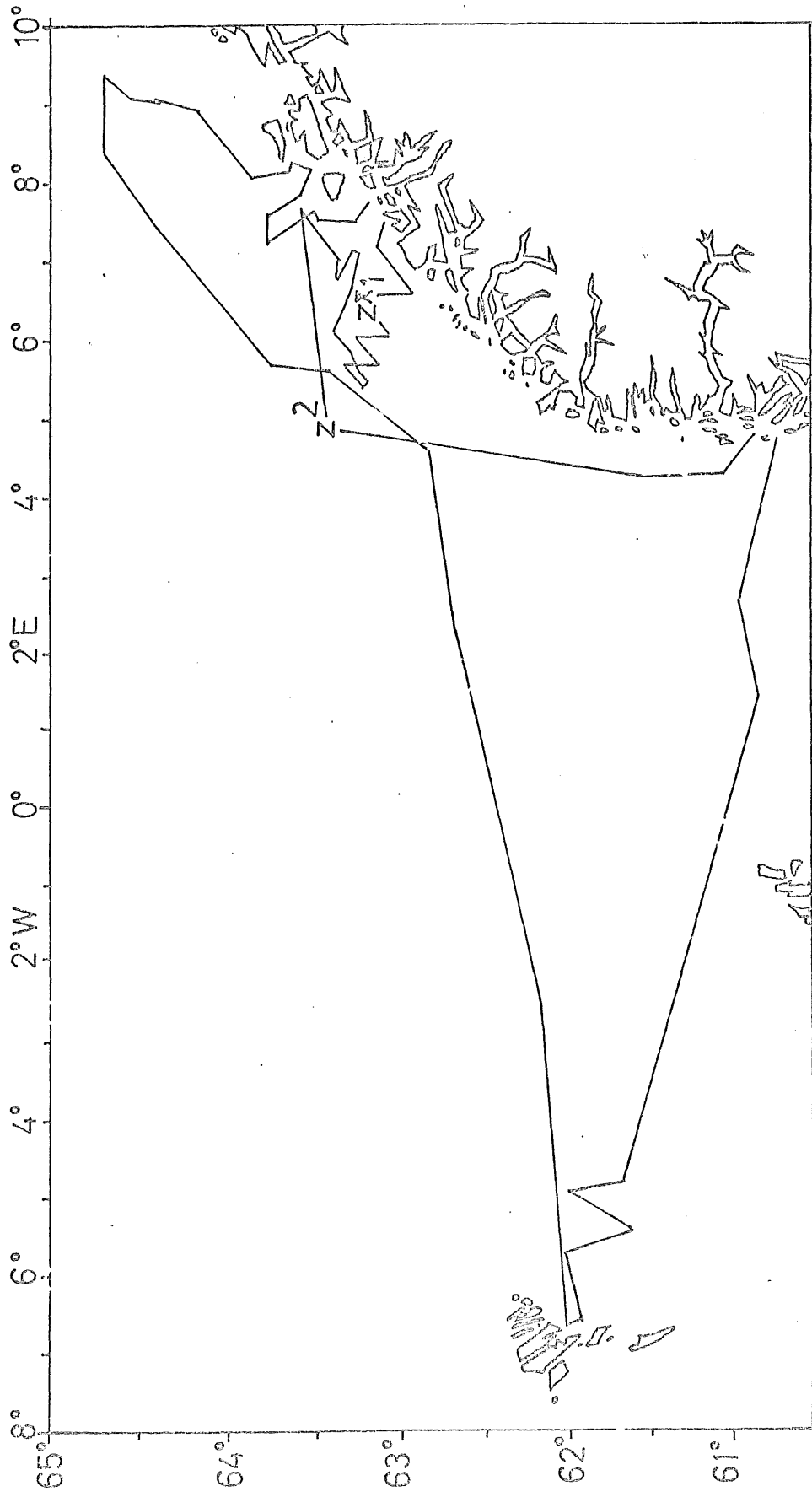


23 FEB.1971 ST.NO. 2-12 P RÖNNESTAD

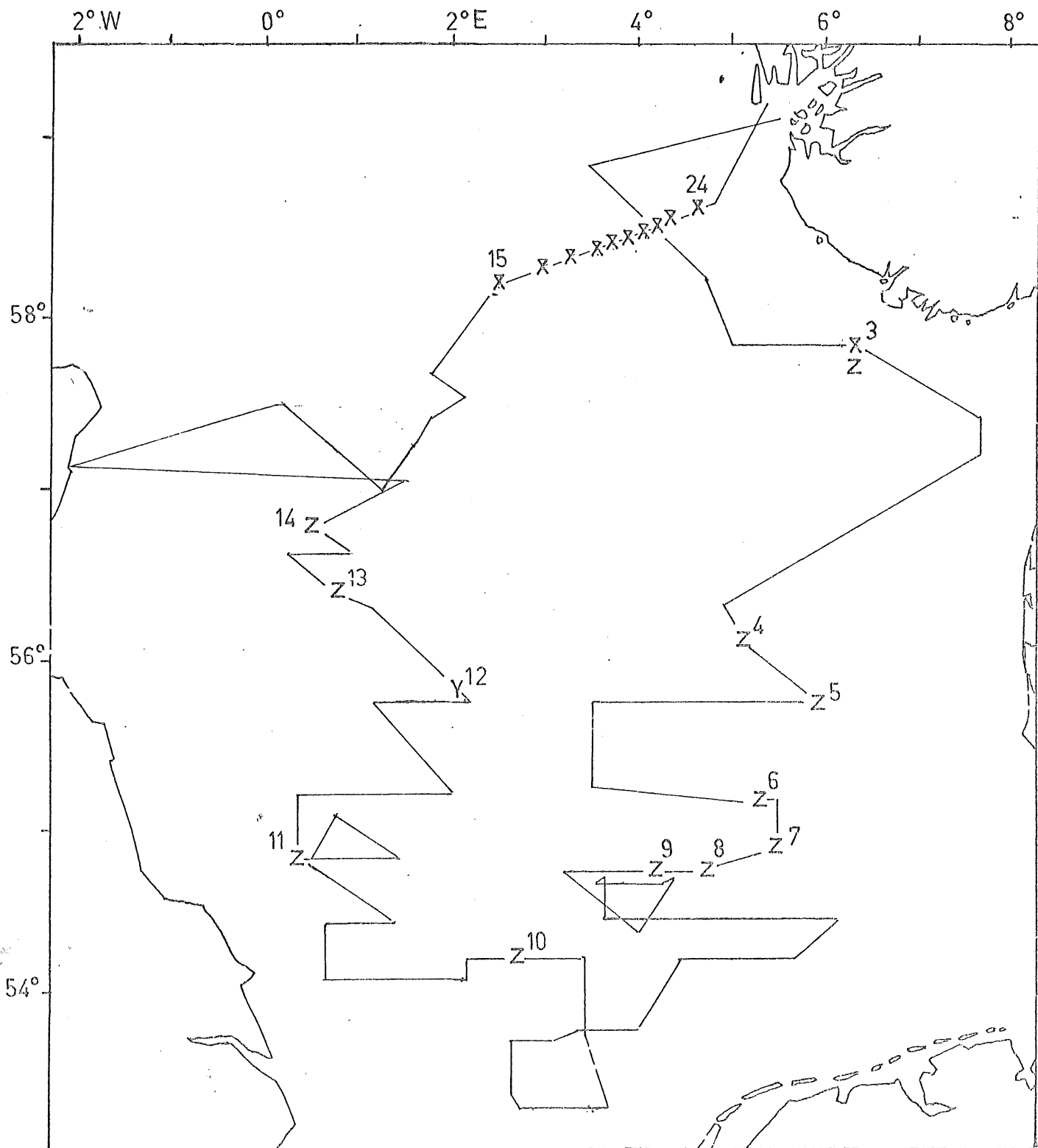


29 MAR. - 22 APR. 1971 ST. NO. 1-103 „PEDER RÖNNESTAD”





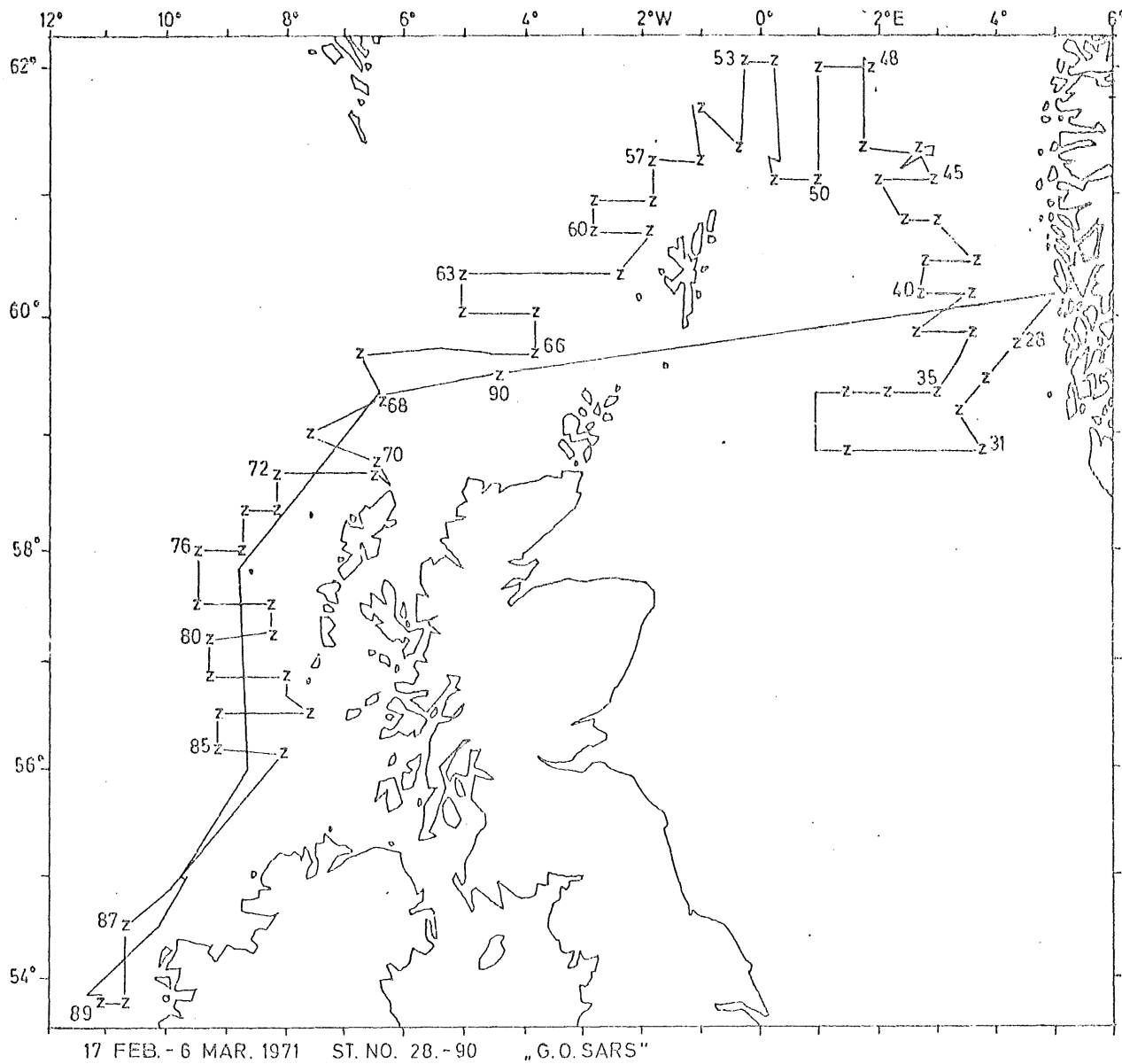
23-30 JAN. 1971 ST. NO. 1-2 G.O. SARS

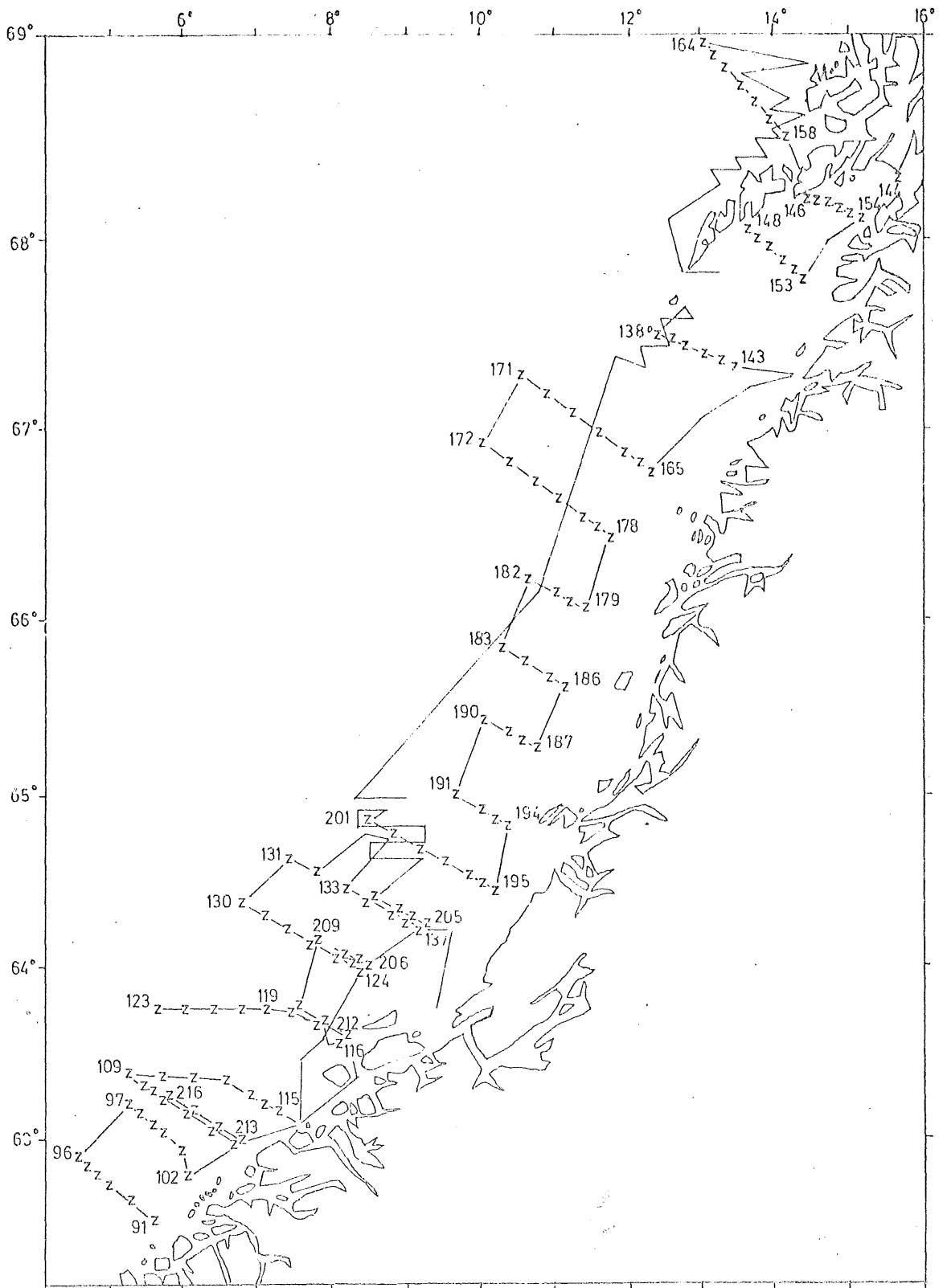


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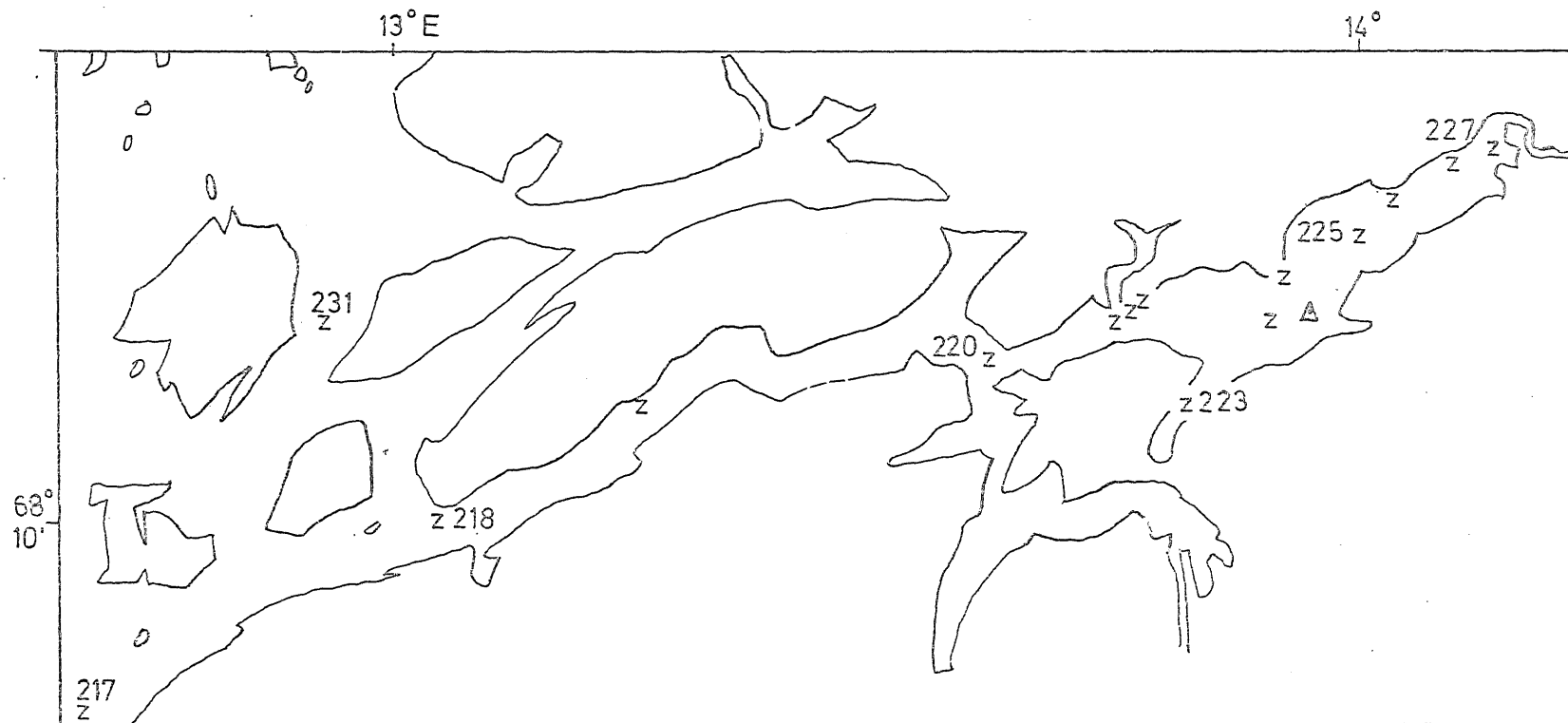
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G. O. SARS



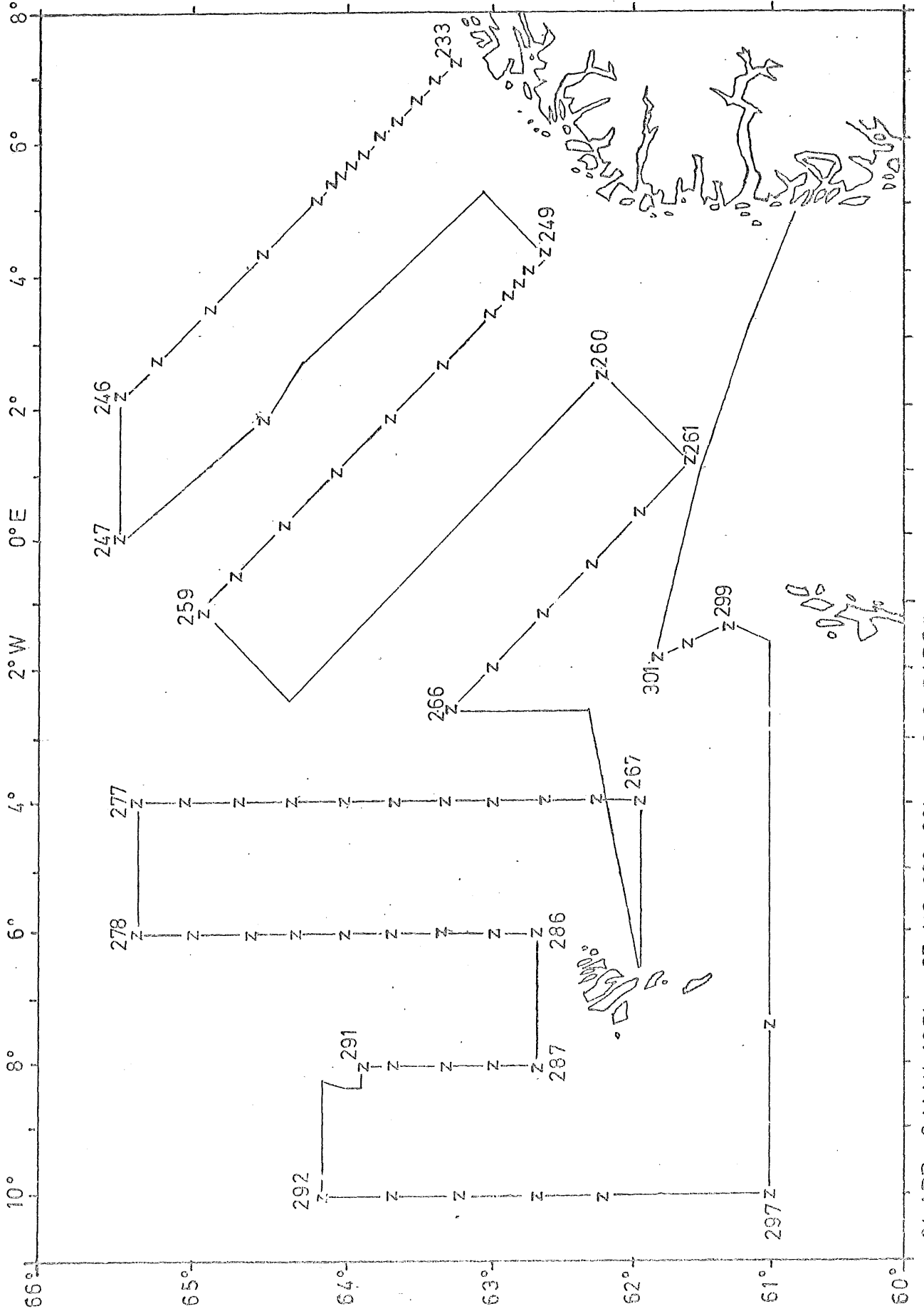


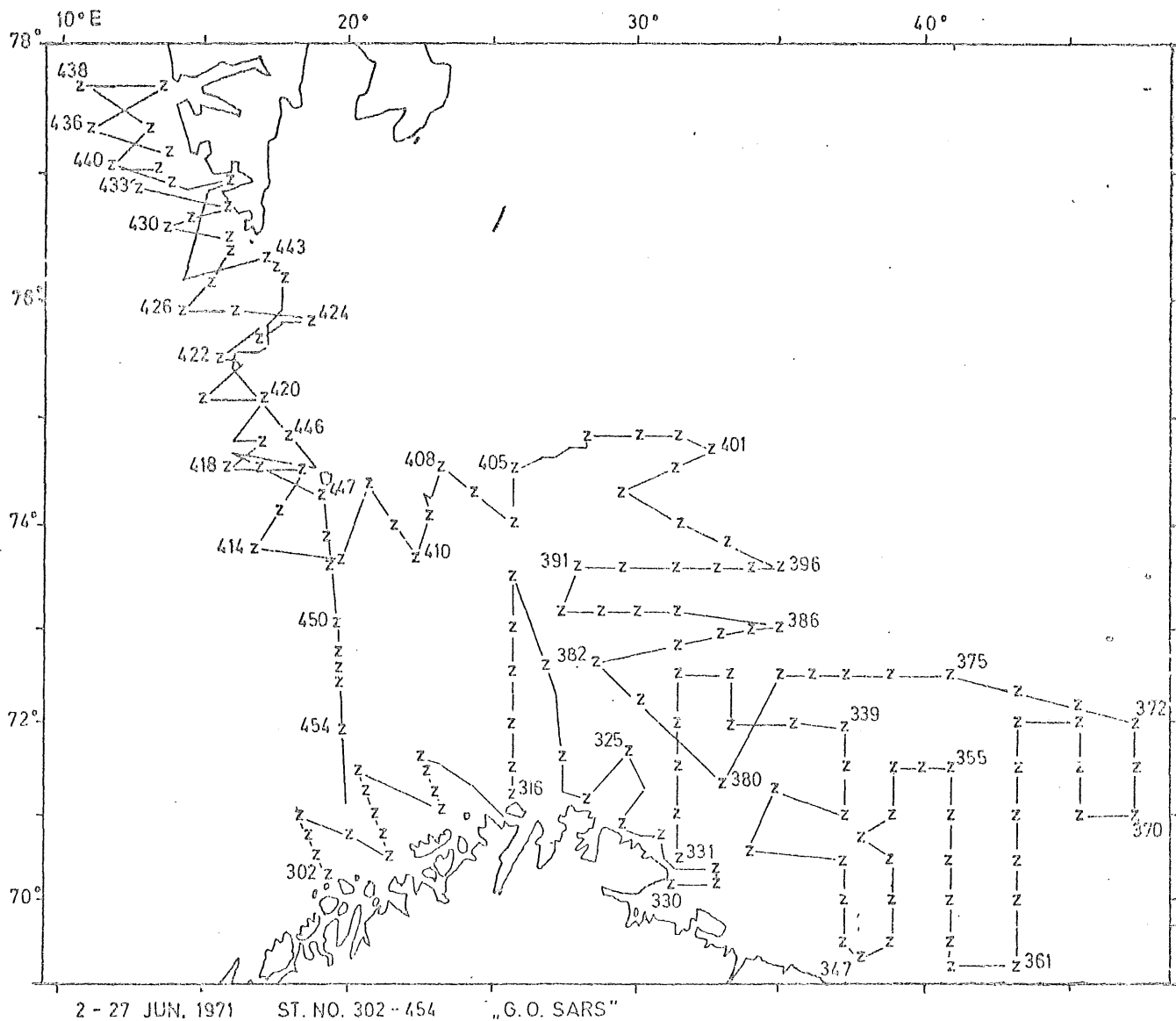
7 MAR. - 5. APR. 1971 ST. NO. 91 - 216 "G.O. SARS"

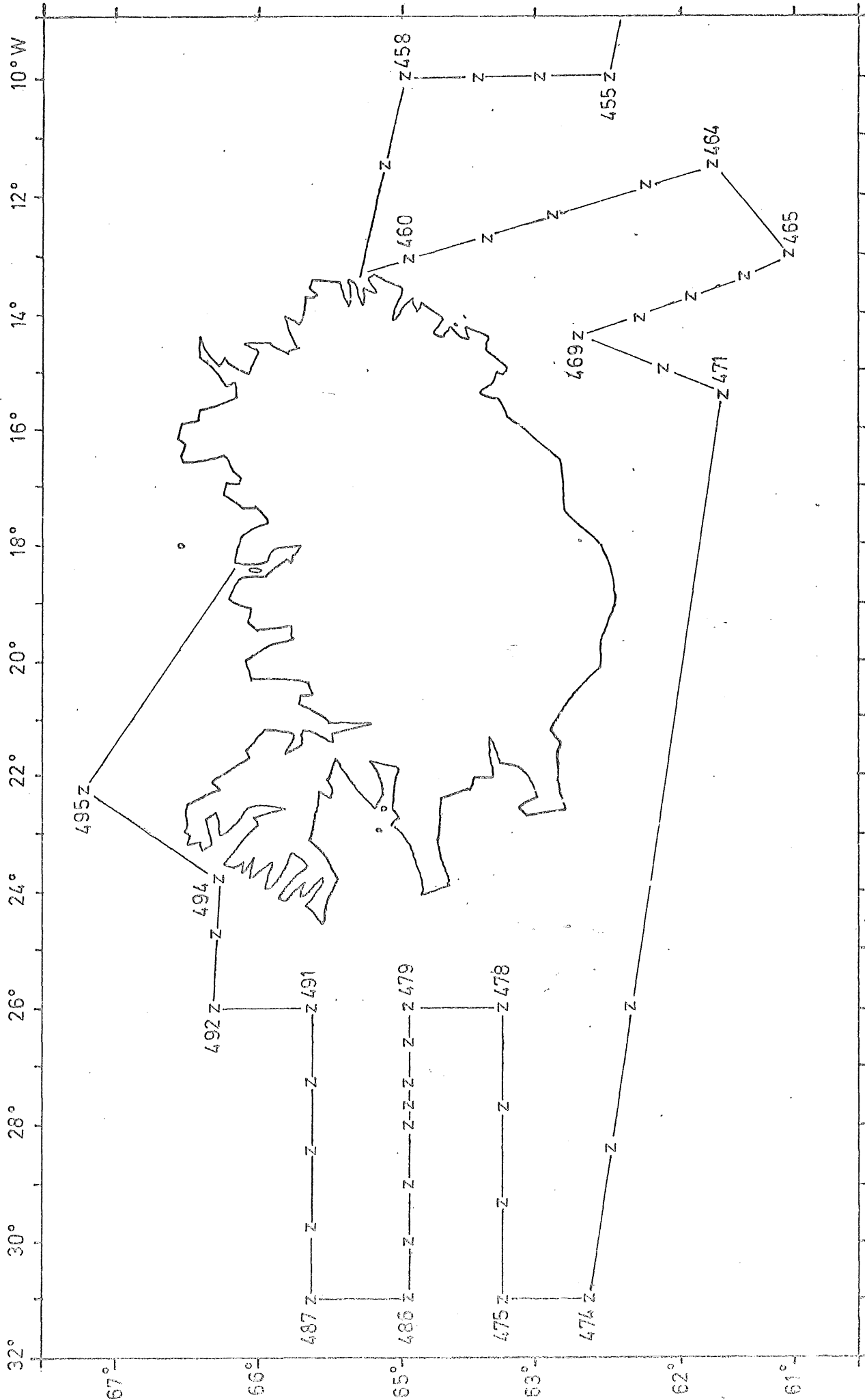


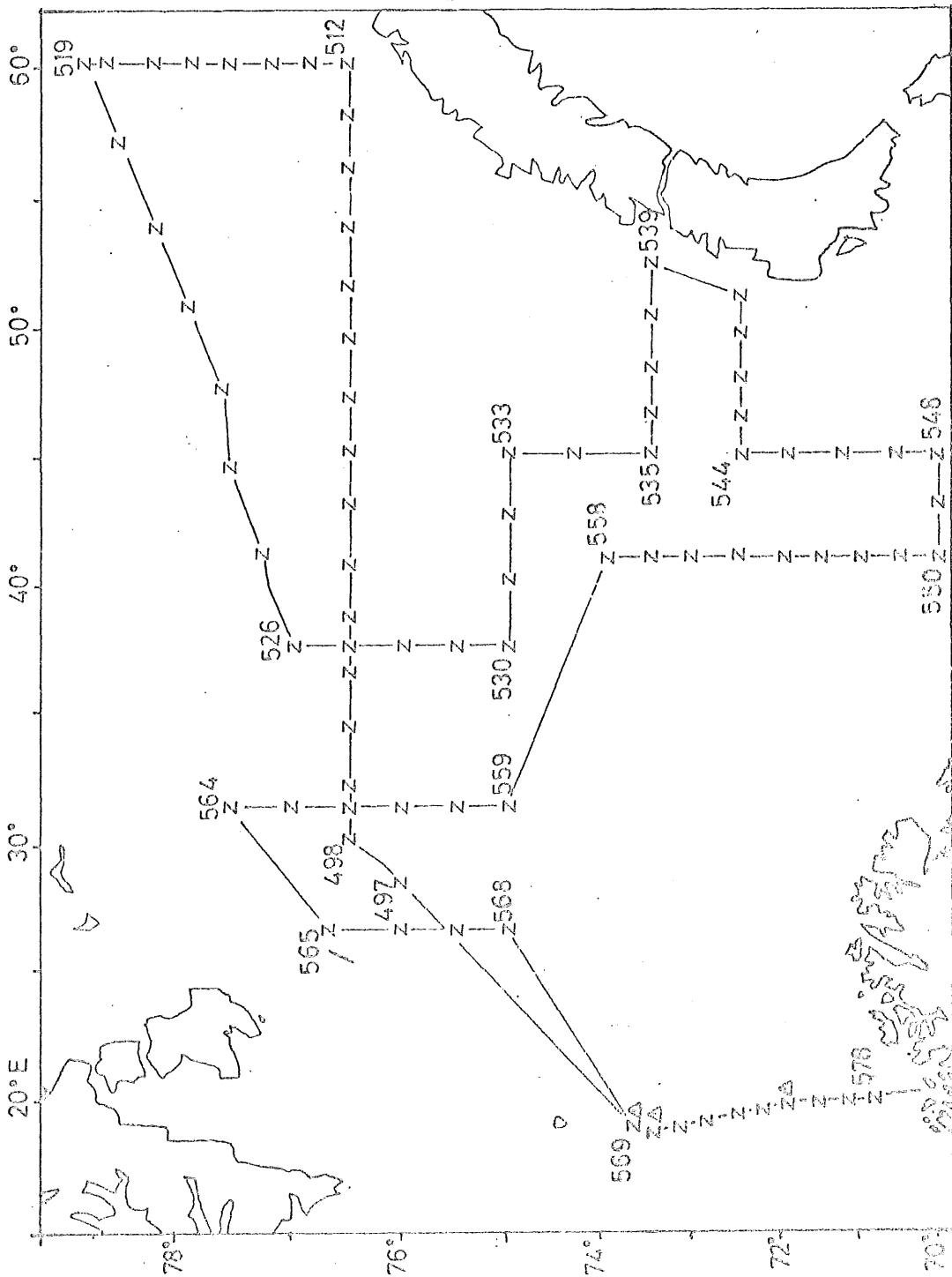
22-23 APRIL 1971 ST.NO. 217-231 „G. O. SARS“

(VH m/kyemi (S_n , NO_2 , NO_3 , SO_2 , O_2))

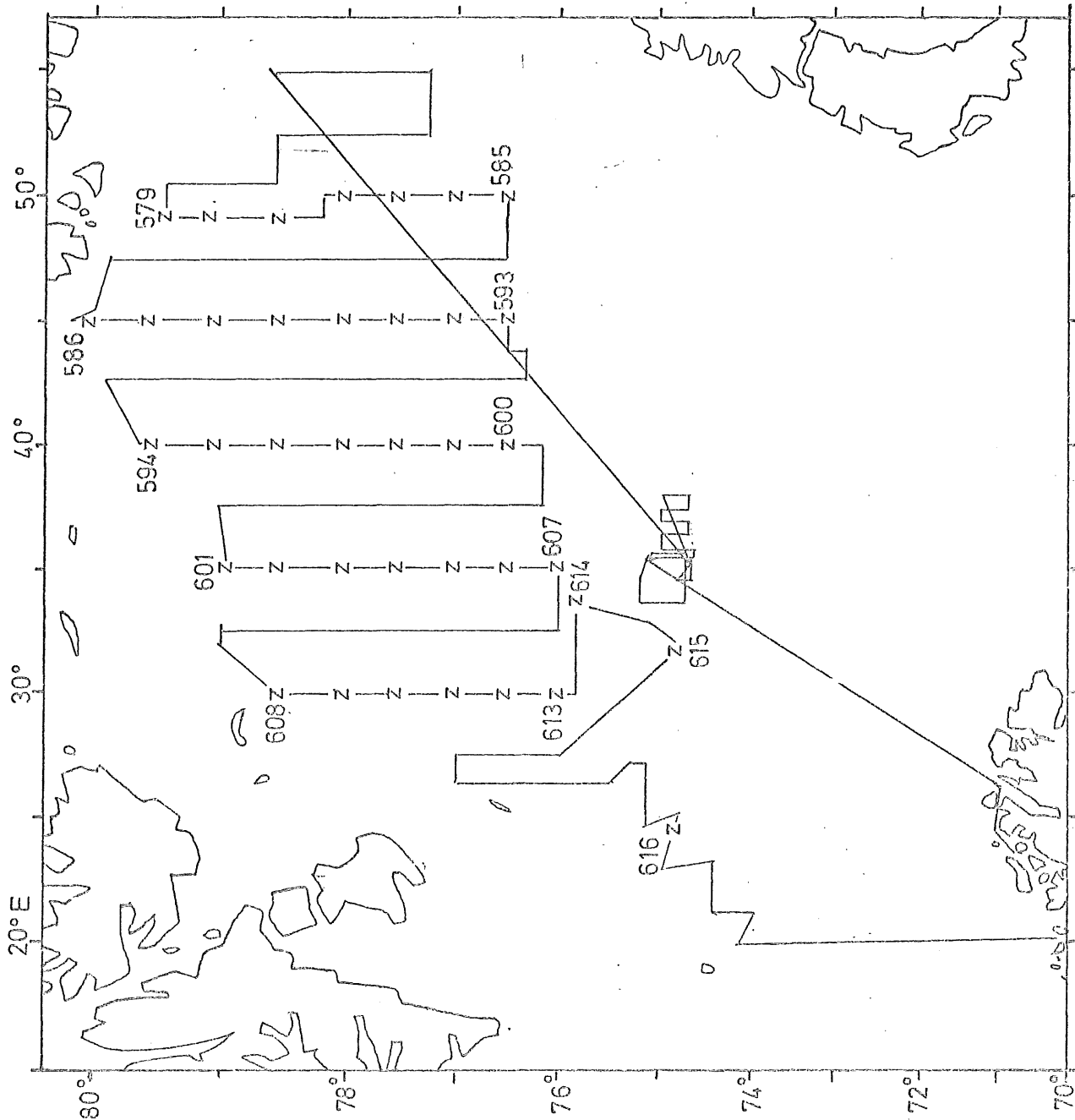


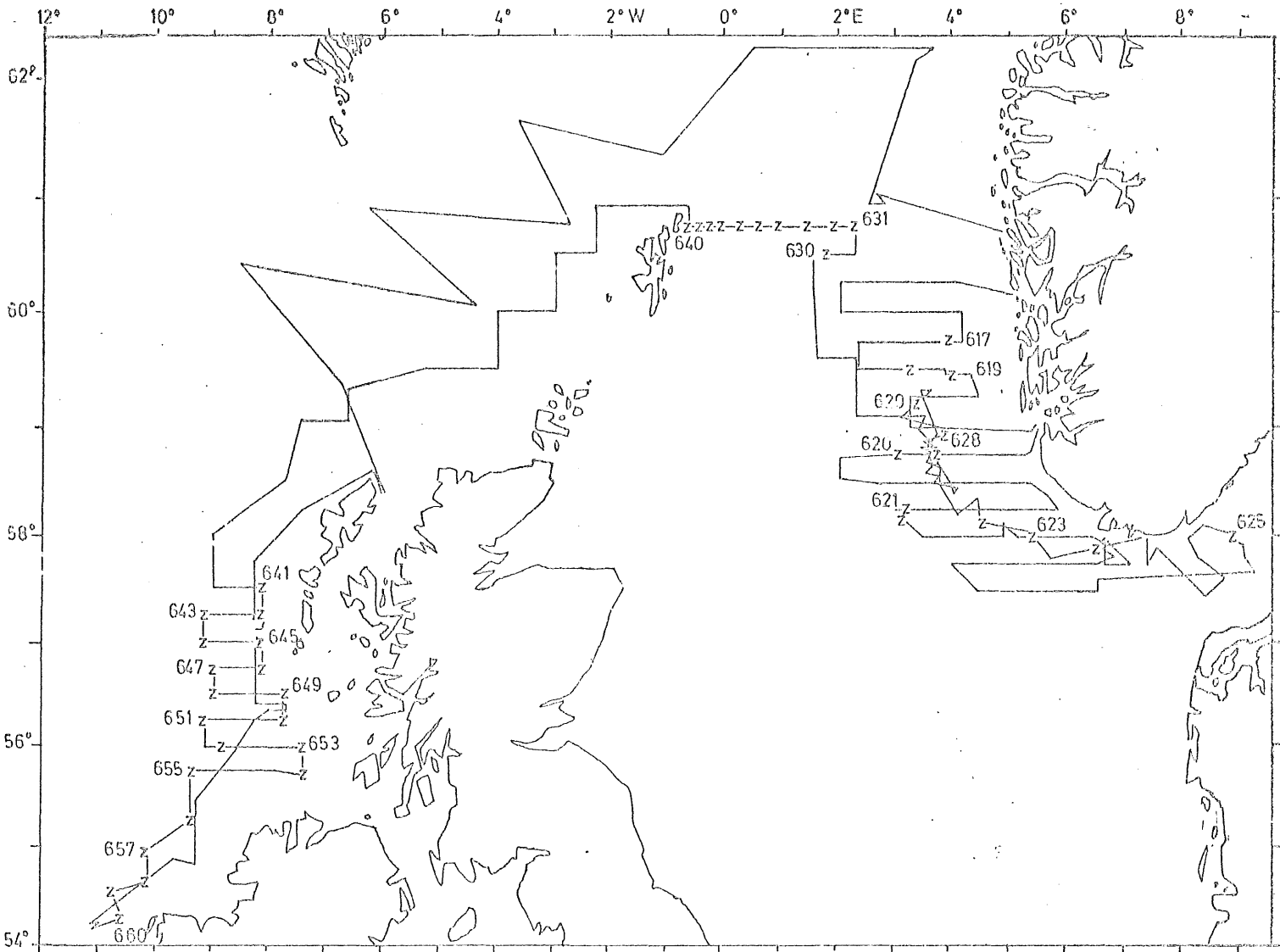




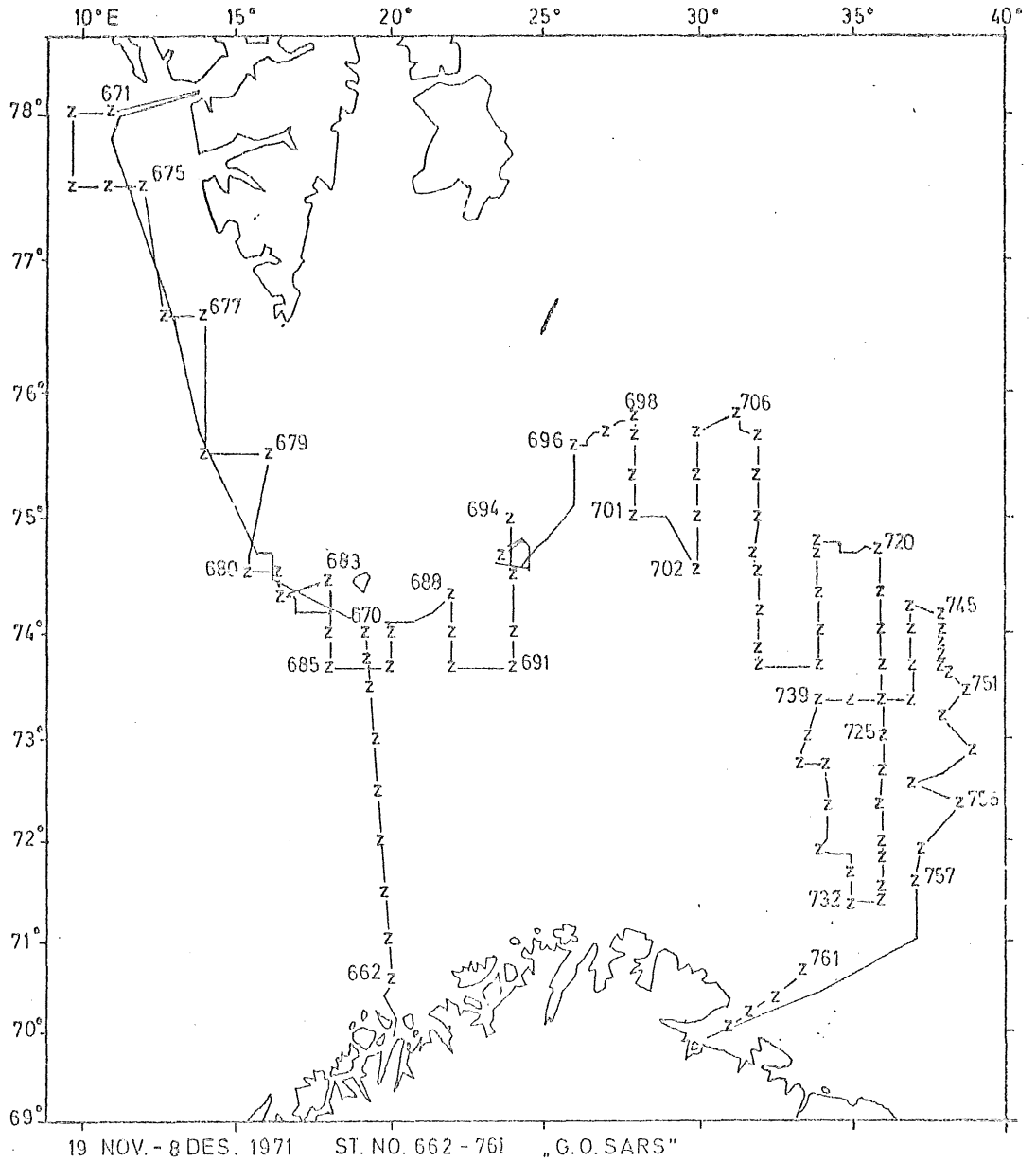


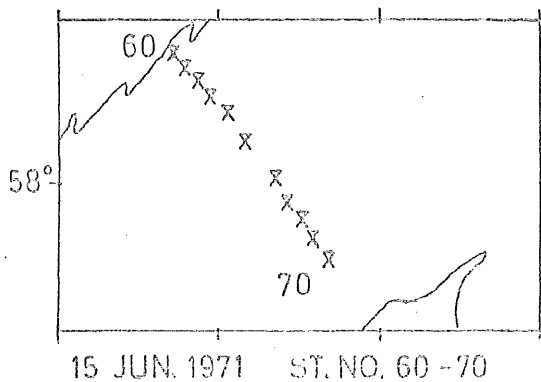
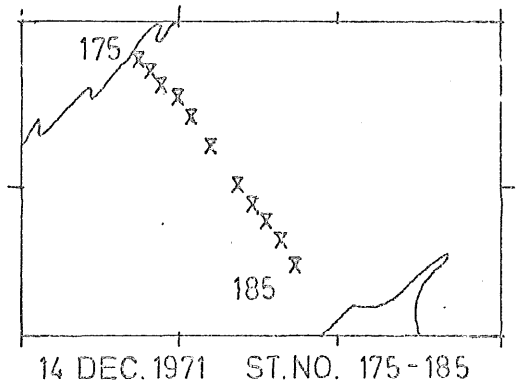
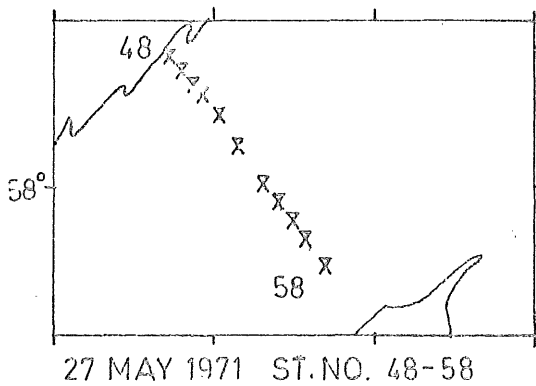
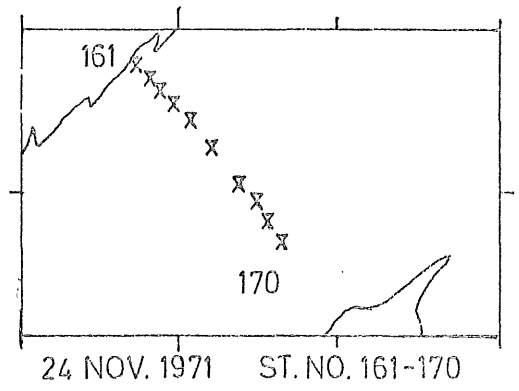
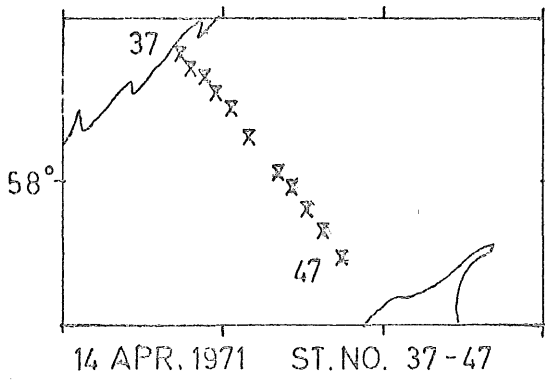
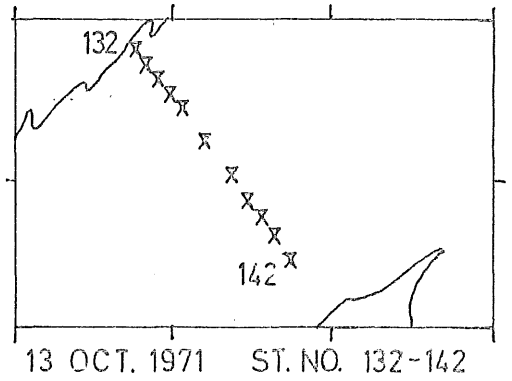
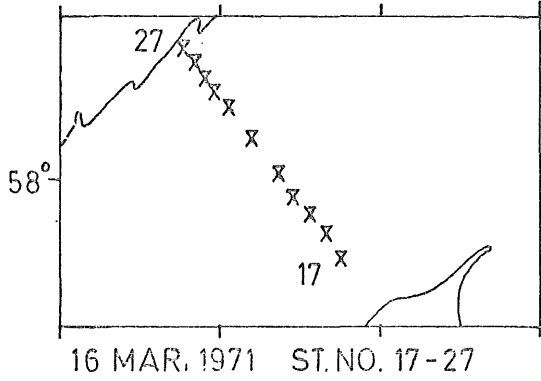
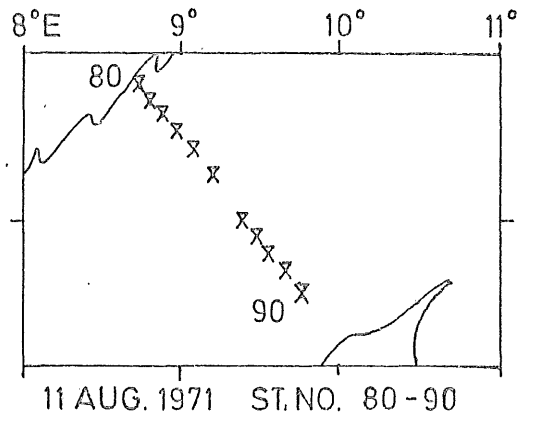
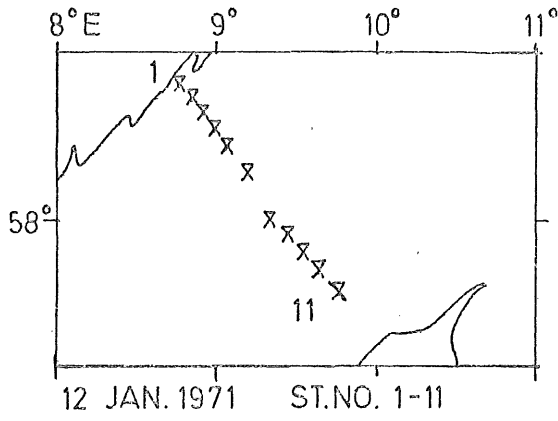
24 AUG. - 10 SEP. 1971 ST. NO. 497-578 "G.O. SARS"



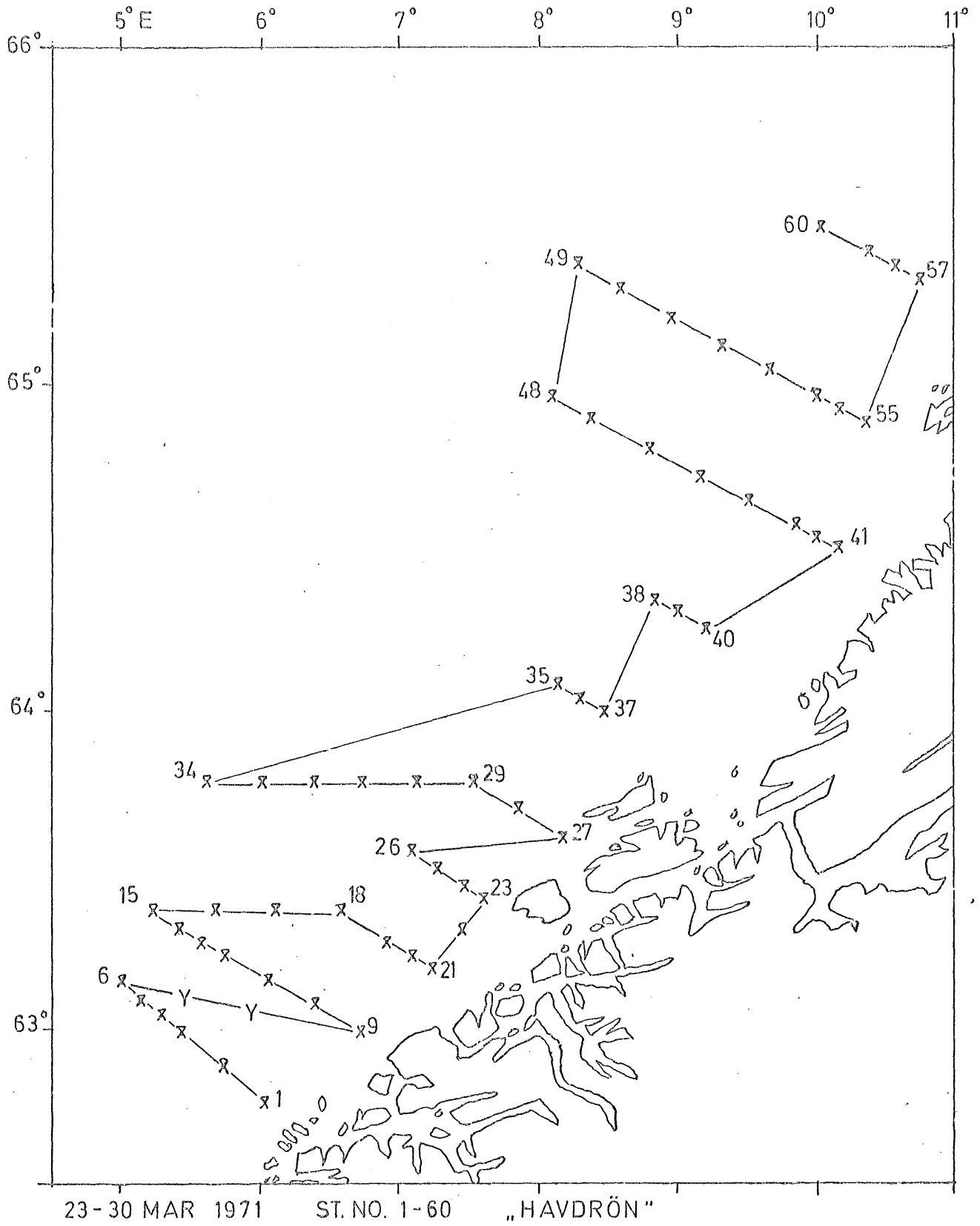


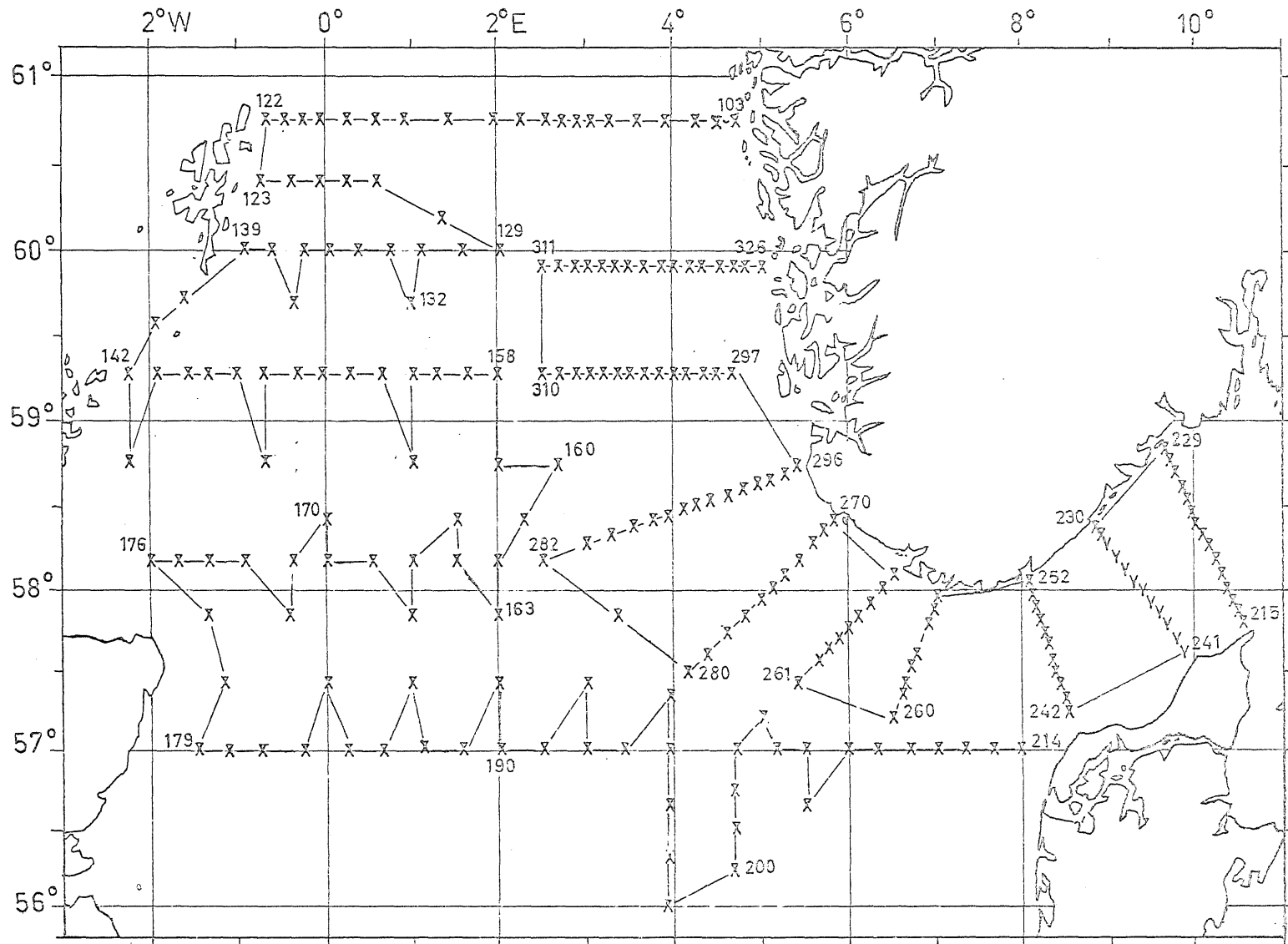
13 OCT. - 7 NOV. 1971 ST. NO. 617-660 „G.O. SARS”





„ G. M. DANNEVIG ”





6-25 JUN. 1971 ST. NO. 103-326 "HAVDRÖN"
 x = SERIAL STATION AND PLANKTON STATION ◊

