NODC Catalog of OCSEAP Data

Part-1 (Revised)
DISTRIBUTION OF DIGITAL DATA RECEIVED FOR THE ALASKA OUTER CONTINENTAL SHELF ENVIRONMENTAL ASSESSMENT PROGRAM

April, 1980

U.S. DEPARTMENT OF COMMERCE / National Oceanic and Atmospheric Administration / Environmental Data and Information Service

NODC Catalog of OCSEAP Data

Part-1 (Revised)
DISTRIBUTION OF DIGITAL DATA RECEIVED FOR THE ALASKA OUTER CONTINENTAL SHELF ENVIRONMENTAL ASSESSMENT PROGRAM

Compiled by: NODC Data Index Branch

Washington D. C.
April, 1980

U.S. DEPARTMENT OF COMMERCE
Philip M. Klutznick, Secretary

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
Richard A. Frank, Administrator

ENVIRONMENTAL DATA AND INFORMATION SERVICE
Thomas D. Potter, Director

TABLE OF CONTENTS

			Page Number			
File Type			SE	SW	NW	NE
	Introduction	I				
	Base Chart	IV				
013	Fish Pathology		1	29	*	*
015	Current Meters		2	30	57	77
017	Pressure Gauge		3	31	58	*
021	Trace Metals		4	32	*	*
022	Salinity/Temperature/Depth - STD		5	33	59	78
023	Fish Resource Assessment		6	34	60	79
024	Zooplankton		7	*	*	*
025	Mammal Specimen		8	35	61	80
026	Mammal Sightings - Single Groups		*	36	62	81
027	Mammal Sightings - Multiple Groups		9	37	63	82
028	Phytoplankton Species		10	38	*	83
029	Primary Productivity		11	39	64	84
030	Intertidal Data		12	40	65	85
031	Marine Bird Specimen		*	*	*	*
032	Benthic Organisms		13	41	66	86
033	Marine Bird Sightings, Air/Ship		14	42	67	87
034	Marine Bird Sightings, Land		*	43	68	88
035	Marine Bird Colony I		15	44	69	*
037	Feeding Flock		16	45	*	*
038	Migratory Bird Sea Watch		*	*	*	*
040	Marine Bird Habitat		17	46	*	*
043	Light Hydrocarbons		18	47	70	89
044	Heavy Hydrocarbons		19	48	*	90

File Type		Page Number SE	SW	NW	NE
056	Lagrangian Currents	20	49	71	91
057	Herring Spawning	*	50	72	'
061	Trace Elements	21	51	73	92
063	Marine Invertebrate Pathology	*	*	74	*
072	Beach Profiles	22	*	*	*
073	Grain Size Analysis	23	52	75	93
101	Wind Data	24	*	*	94
124	Zooplankton II	25	53	76	95
1 3 5	Marine Bird Colony II	*	*	*	*
401	Epicenter Data	26	54	*	*
402	Microbiology	27	55	*	96
404	Fish Specimen	NA	NA	NA	NA*
405	'Air Pressure	NA*	NA*	NA	NA

* Page numbers indicated by an asterisk (*) are not included as data have not been received to date for that area and file type,

NA - Data not suitable for plotting positions,

INTRODUCTION

THIS DATA CATALOG CONTAINS THE LOCATIONS AND TYPES OF DATA COLLECTED FOR THE ALASKA OUTER CONTINENTAL SHELF ENVIRONMENTAL ASSESSMENT PROGRAM (OCSEAP). THIS PROGRAM HAS BEEN INITIATED BY THE BUREAU OF LAND MANAGEMENT (BLM) IN RESPONSE TO NATIONAL NEEDS FOR MARINE ENVIRONMENTAL STUDIES TO HELP ASSESS THE ENVIRONMENTAL IMPACT OF OUTER CONTINENTAL SHELF OIL AND GAS DEVELOPMENT. STUDY PROGRAMS FOR DESIGNATED ALASKAN LEASE AREAS PLUS NON-SITE SPECIFIC STUDIES ARE BEING CONDUCTED FOR BLM BY THE OCSEAP OFFICES OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). THE ENVIRONMENTAL DATA AND INFORMATION SERVICE (EDIS) OF NOAA DEVELOPS DATA FORMATS (FILE TYPES) AND PROCESSES AND STORES THE DIGITAL DATA FROM THESE FORMATS TO PROVIDE A VIABLE DATA BASE FOR MARINE BIOLOGICAL, CHEMICAL, PHYSICAL AND GEOLOGICAL/GEOPHYSICAL DATA. THE DATA CENTERS WITHIN EDIS THAT PERFORM THESE TASKS AND HOLD MOST OF THE DATA DESCRIBED IN THIS CATALOG ARE THE NATIONAL OCEANOGRAPHIC DATA CENTER (NODC) AND THE NATIONAL GEOPHYSICAL AND SOLAR-TERRESTRIAL DATA CENTER (NGSDC).

PLOTS

IN THIS REPORT, THE DATA LOCATIONS ARE DISPLAYED FOR FOUR GENERAL AREAS FOR THE ALASKAN COASTLINE IN ORDER TO PRODUCE PLOTS LARGE ENOUGH TO DISPLAY DATA DISTRIBUTIONS. EACH PLOT DEPICTS ALL STATION LOCATIONS IN AN AREA FOR A SINGLE FILE TYPE. THE CATALOG IS DIVIDED INTO THE FOLLOWING AREAS:

SOUTHEAST ALASKA - NORTHEAST GULF OF ALASKA, YAKUTAT, COOK INLET AND KODIAK LEASE AREAS
SOUTHWEST ALASKA - ST. GEORGE BASIN, ALEUTIAN SHELF, BRISTOL BAY AND NAVARIN BASIN LEASE AREAS
NORTHWEST ALASKA - NORTON SOUND, HOPE BASIN, AND CHUKCHI SEA LEASE AREAS
NORTHEAST ALASKA - BEAUFORT SEA AND PORTIONS OF THE CHUKCHI SEA LEASE AREAS

THE LEASE AREA OUTLINES SHOWN ON EACH CHART SHOULD NOT BE CONSIDERED ACCURATE AREA BOUNDARIES, BUT ARE INTENDED TO PROVIDE APPROXIMATE LIMITS WHERE SUCH LIMITS HAVE BEEN DETERMINED (NEGOA, LOWER COOK, KODIAK AND BEAUFORT) AND MORE GENERAL LIMITS WHERE SPECIFIC LEASE AREAS HAVE NOT YET BEEN ESTABLISHED. POTENTIAL NEW LEASE AREAS INCLUDE YAKUTAT (EAST OF NEGOA), THE NAVARIN BASIN (WESTERN BERING SEA) AND THE CHUKCHI REGION NORTH OF 69°N. THESE AREAS ARE NOT DEFINED ON THE FOLLOWING CHARTS, BUT OCSEAP DATA SUBMITTED FOR THESE REGIONS ARE INCLUDED ON THE APPROPRIATE CHARTS. IN THE TABLE OF CONTENTS, AREAS WITH NO STATIONS ARE ANNOTATED WITH AN ASTERISK (*) AND ARE NOT INCLUDED IN THE SERIES OF CHARTS. AS MORE DATA ARE RECEIVED AND OTHER AREAS ARE STUDIED, DATA FOR THESE AREAS WILL BE INCLUDED.

DATA

THIS CATALOG CONTAINS ALL DATA RECEIVED By NOVEMBER 1979 WITH THE EXCEPTION O F FILES WHICH ARE BEING HELD FOR CORRECTIONS AND/ OR RE-SUBMISSION BY PRINCIPAL INVESTIGATORS, DATA SHOWN ARE CURRENTLY AVAILABLE IN ONE OF TWO FORMS - DATA RECEIVED AT THE DATA CENTERS THAT HAVE UNDERGONE ONLY PRELIMINARY EDITING, AND DATA THAT HAVE BEEN SUBJECTED TO SOME DEGREE OF EDITING AND QUALITY CONTROL AND ARE CONSIDERED FINAL PROCESSEDI STATION LOCATIONS ARE SHOWN ONLY ONCEIN EACH FIGURE EVEN THOUGH SOME OF THEM HAVE BEEN OCCUPIED MORE THAN ONCE AT DIFFERENT TIME PERIODS- INFORMATION CONCERNING THE NUMBER OF STATIONS OR DATA POINTS AT ASPECIFIC LOCATION CAN BE OBTAINED FROM PART 2 OF THE DATA CATALOG AND FROM OTHER INVENTORIES THAT CAN BE PROVIDED BY THE DATA CENTERS,

FILE TYPE

A FILE TYPE, IS DEFINED AS A DIGITAL DATA FORMAT FOR CODING AND PROCESSING A SPECIFIC CATEGORY OF ENVIRONMENTAL DATA, EACH FORMAT HAS BEEN ACCEPTED BY THE OCSEAP PROJECT OFFICES, APPROPRIATE INVESTIGATORS, AND THE DATA CENTER AS AN EXCHANGE FORMAT FOR SUBMITTING OCSEAP DATA TO EACH CENTER, INFORMATION ON THE CONTENTS OF SPECIFIC RECORD TYPES, DATA FIELDS, AND PRECISION, MAY BE OBTAINED FROM THE PROJECT OFFICES OR THE EDIS DATA CENTERS, DETAILED DESCRIPTIONS OF EACH FILE TYPE ARE INCLUDED IN PART 3 OF THE CATALOG WHICH WAS DISTRIBUTED WITHIN OCSEAP THIS PAST YEAR; SUBSETS AND UPDATES OF THE FORMATS ARE DISTRIBUTED PERIODICALLY, FILE TYPES NUMBERED GREATER THAN 399 ARE FOR DATA RECEIVED INN ON-OCSEAP FORMATS, DATA FOR FILE TYPES 401 AND 402 ARE DATA HELD BY OTHER OFFICES AS NOTED ON THE PLOTS. FILE TYPES 404 (FISH SPECIMEN) AND 405 (AIR PRESSURE) ARE DATA TYPES HELD BY NODC BUT DO NOT INCLUDE SPECIFIC GEOGRAPHIC POSITION INFORMATION AND THEREFORE ARE NOT ADAPTABLE TO PLOTS.

FUTURE PLANS

UPDATES TO THE ENCLOSED PLOTS ARE DEPENDENT ON THE QUANTITY, FREQUENCY, AND TYPES OF NEW DATA RECEIVED BY THE EDIS DATA CENTERS. OTHER PORTIONS OF THE DATA CATALOG INCLUDE THE FOLLOWING:

- PART2 - INVENTORY OF DIGITAL DATA BY LEASE AREA FOR THE ALASKA OUTER CONTINENTAL SHELF ENVIRONMENTAL ASSESSMENT PROGRAM (OCSEAP) (REVISED - JUNE 1979)
- PART3 - DESCRIPTIONS OF DATA FIELDS FOR DIGITAL DATA FORMATS FOR THE ALASKA OUTER CONTINENTAL SHELF ENVIRONMENTAL ASSESSMENT PROGRAM (OCSEAP) (1979)
- PART4 - SELECTED EXAMPLES OF GRAPHIC PRODUCTS AND DATA SUMMARIES DEVELOPED FROM OCSEAP DATA FILES (PLANNED FOR EARLY 1980)

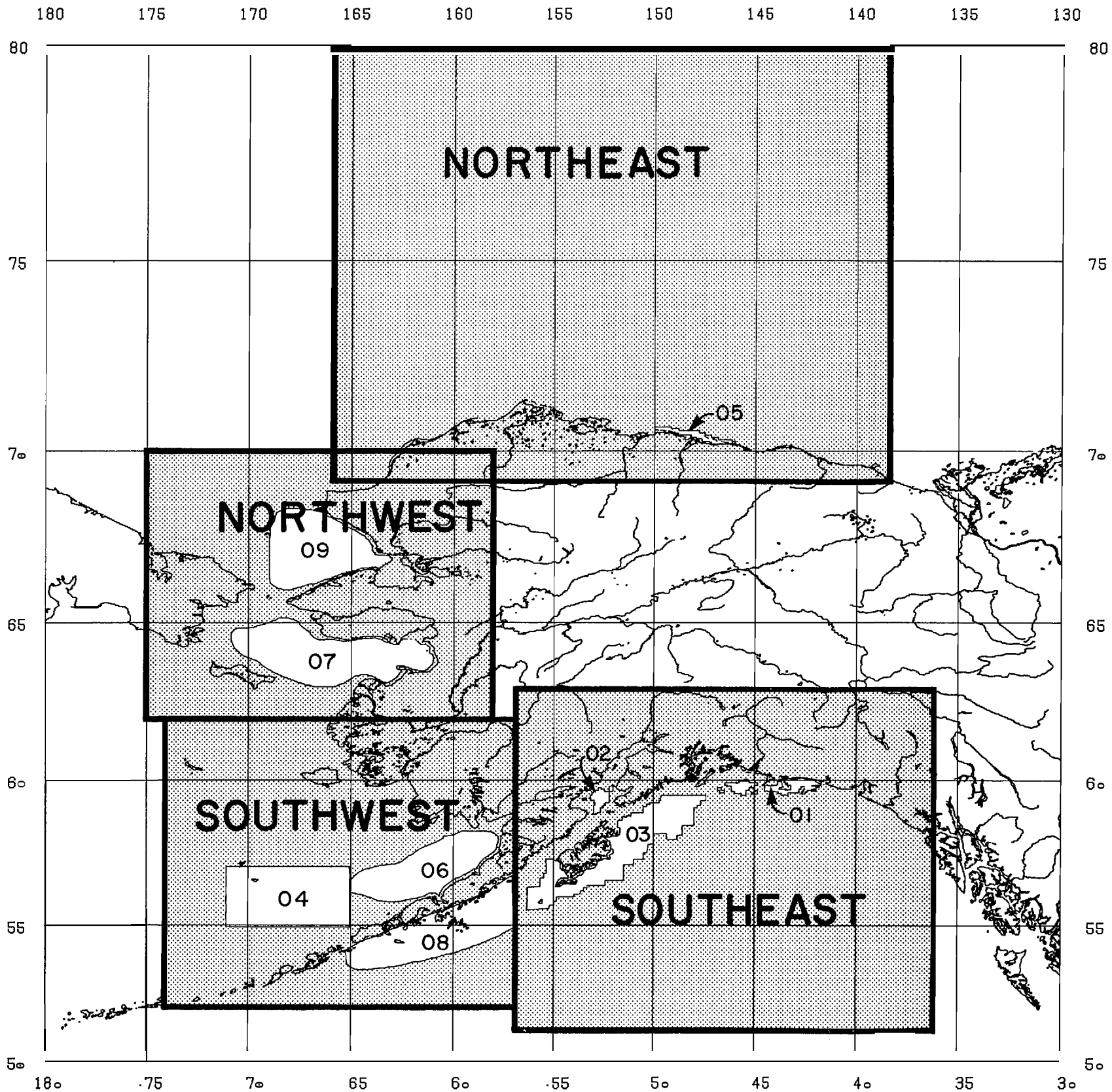
DATA AVAILABILITY

REQUESTS FOR SELECTED DATA INVENTORY PLOTS, COPIES OF DATA FORMATS, OR DATA PRODUCTS DERIVED FROM THE OCSEAP FILES MAY BE OBTAINED BY CONTACTING THE FOLLOWING:

ENVIRONMENTAL DATA AND INFORMATION SERVICE
NATIONAL OCEANOGRAPHIC DATA CENTER
2001 WISCONSIN AVENUE, NW
WASHINGTON, DC 20235

OCSEAP INVESTIGATORS AND OTHER OCSEAP PERSONNEL SHOULD FORWARD THEIR REQUESTS TO THE ABOVE ADDRESS WITH ATTENTION:

MR. JOHN J. AUDET (CODE D781)
NODC OCSEAP DATA COORDINATOR



SOUTHEAST: pages - 27

01 - NEGOA

02 - LOWER COOK

03 - KODIAK

SOUTHWEST: pages 29 - 55

04 - ST. GEORGE

06 - BRISTOL

08 - ALEUTIANS

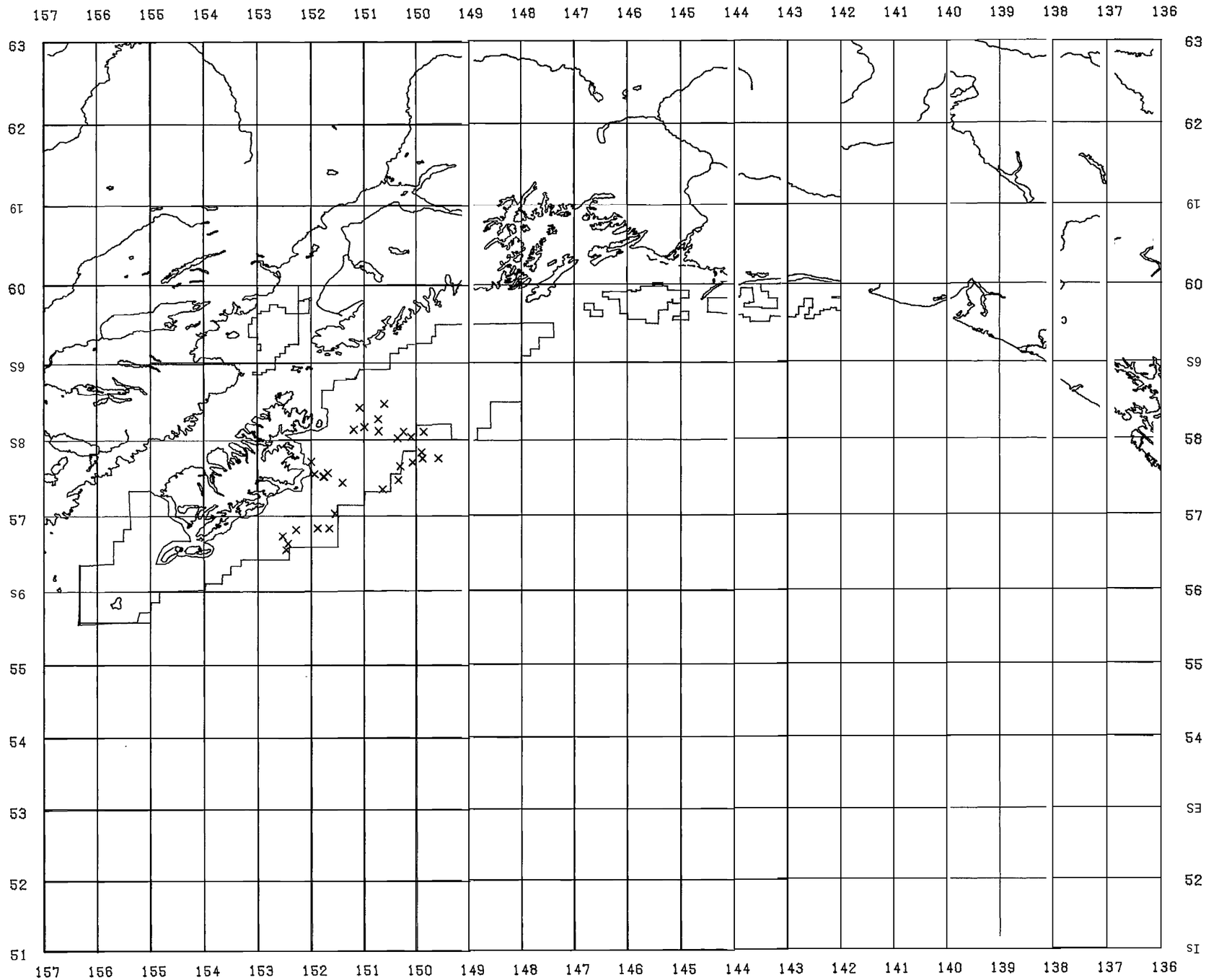
NORTHWEST: pages 57 - 76

07 - NORTON

09 - CHUKCH

NORTHEAST: pages 77 - 96

05 - BEAUFORT



FILE TYPE 013
FISH PATHOLOGY

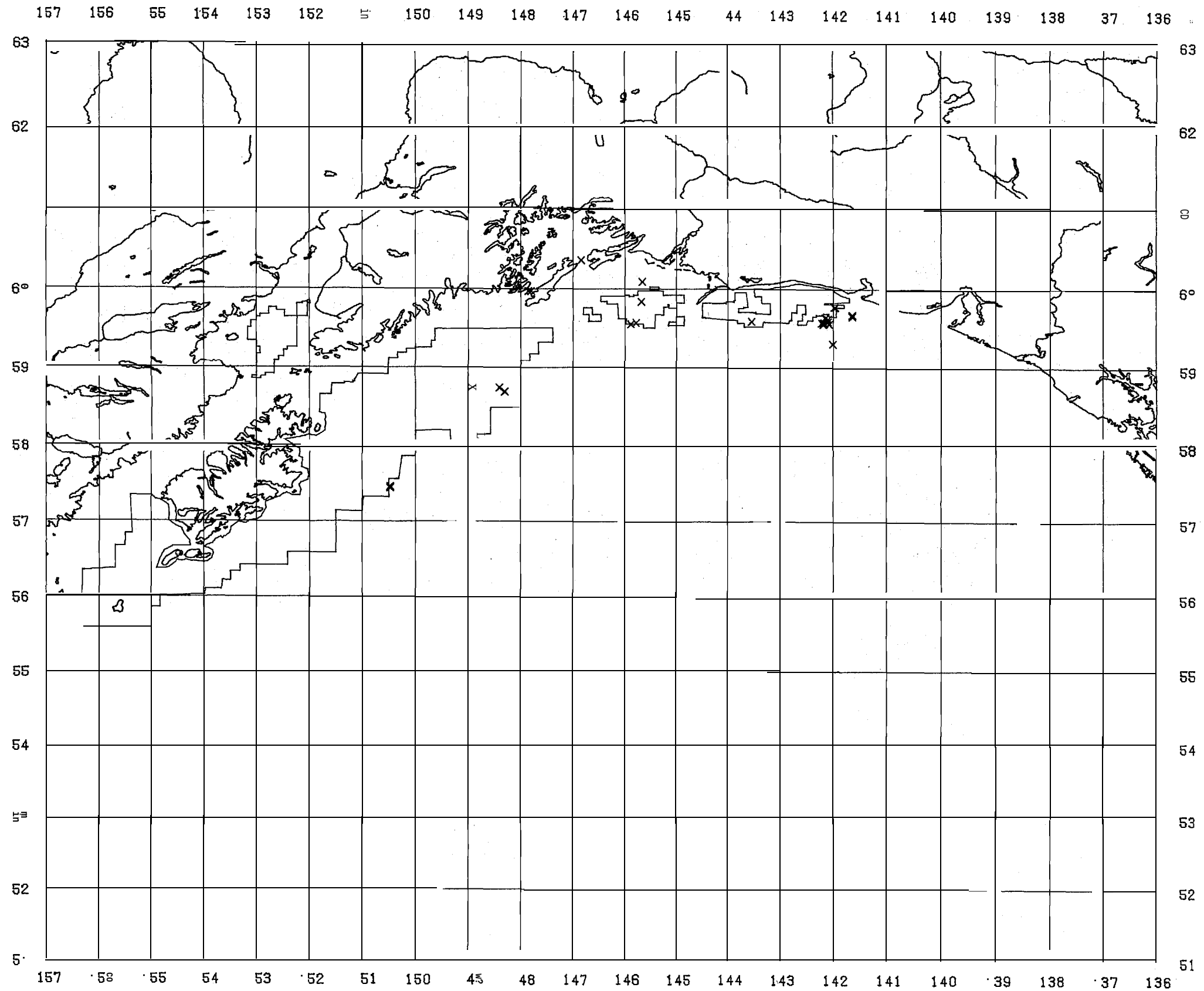
OF POINTS PLOTTED 31

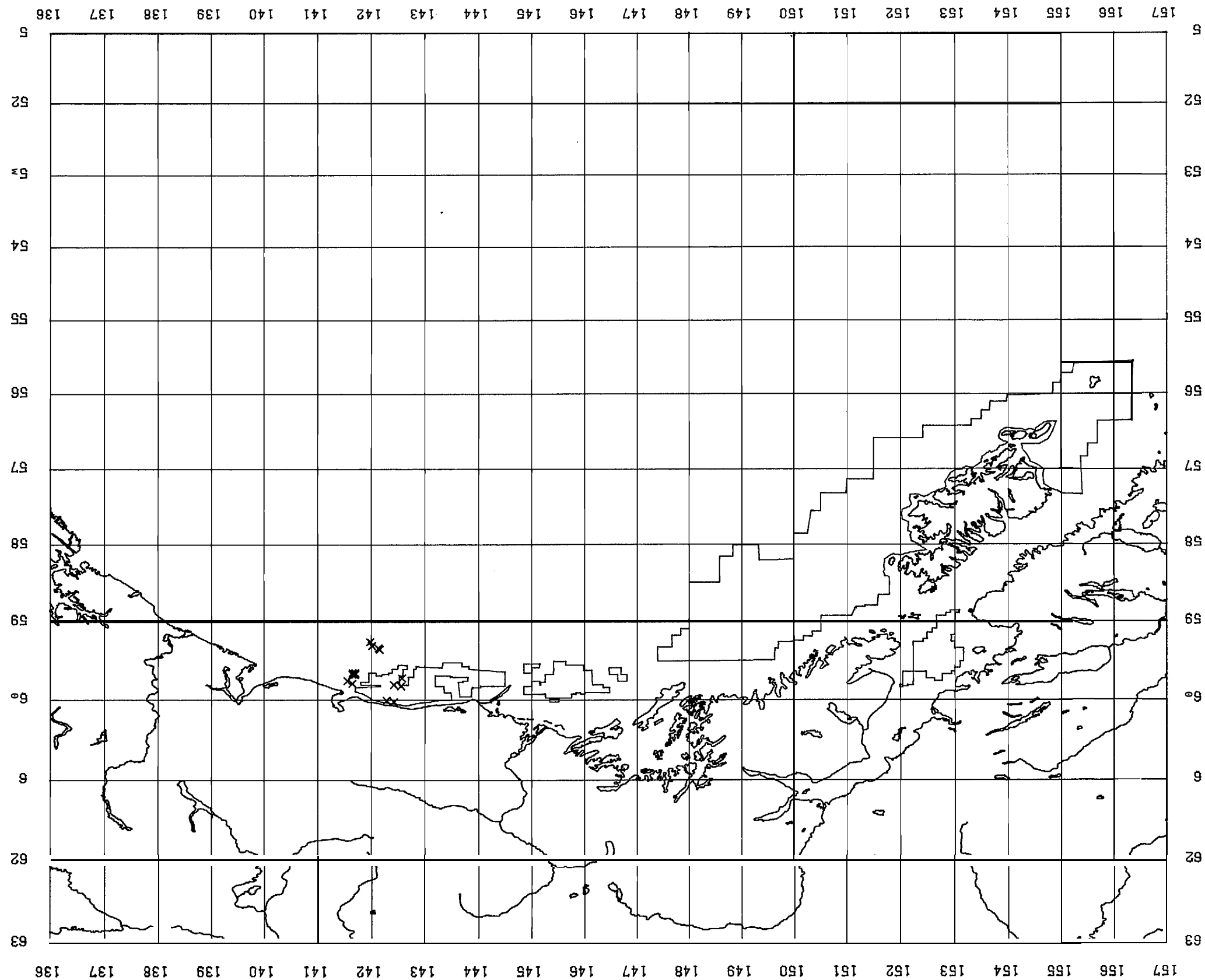
NOTE: ADDITIONAL FISH PATHOLOGY STATIONS ARE AVAILABLE FOR THE NORTON SOUND AND CHUKCHI SEA AREAS BUT ARE NOT INCLUDED IN THIS EDITION OF THE CATALOG.

FILE TYPE 015
CURRENT METERS

OF POINTS PLOTTED 354

NOTE: EACH POINT REPRESENTS A LOCATION OF TIME SERIES DATA AND THEREFORE A SINGLE "X" REPRESENTS MANY OBSERVATIONS.





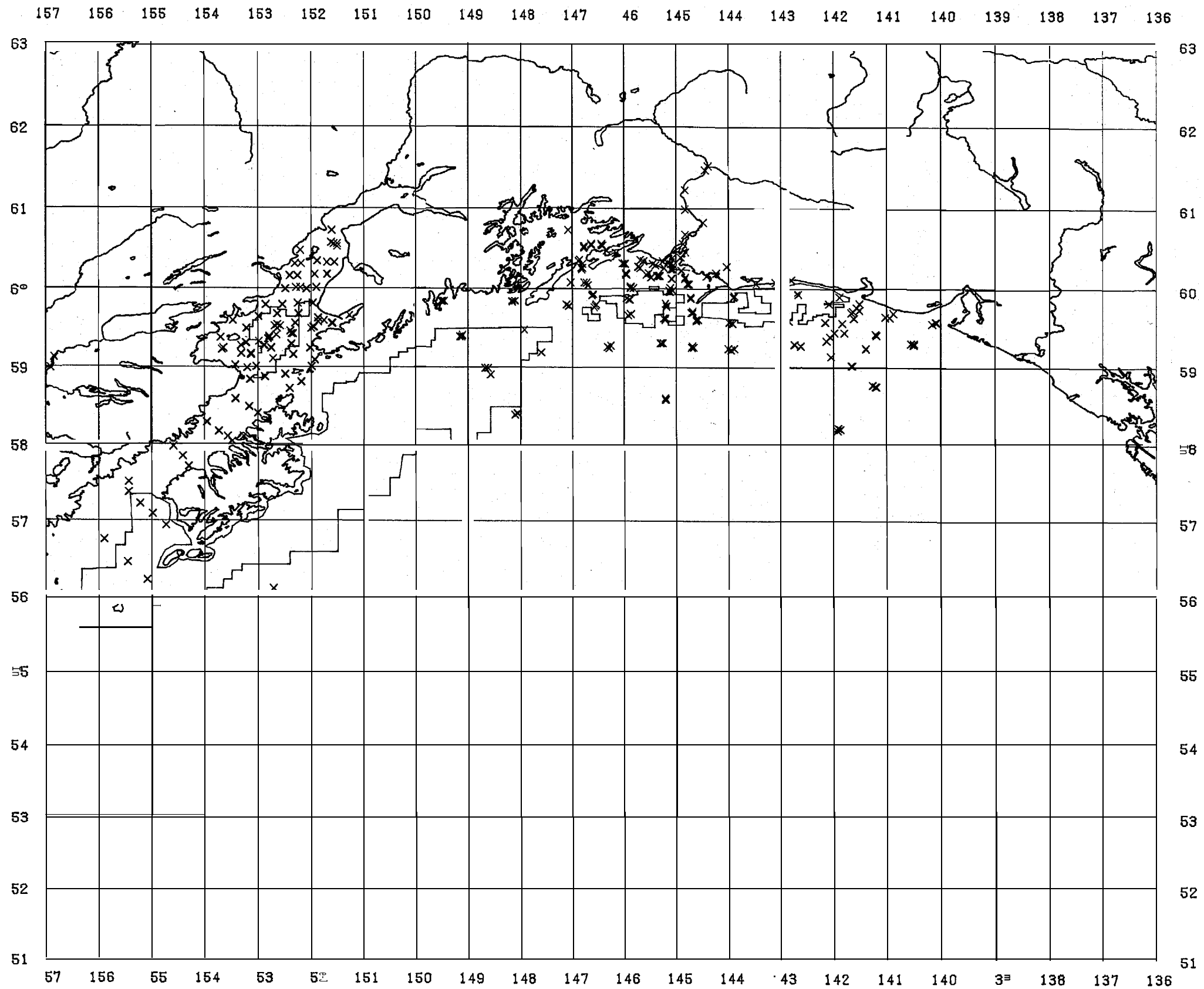
FILE TYPE 0 7
PRESSURE GAUGE

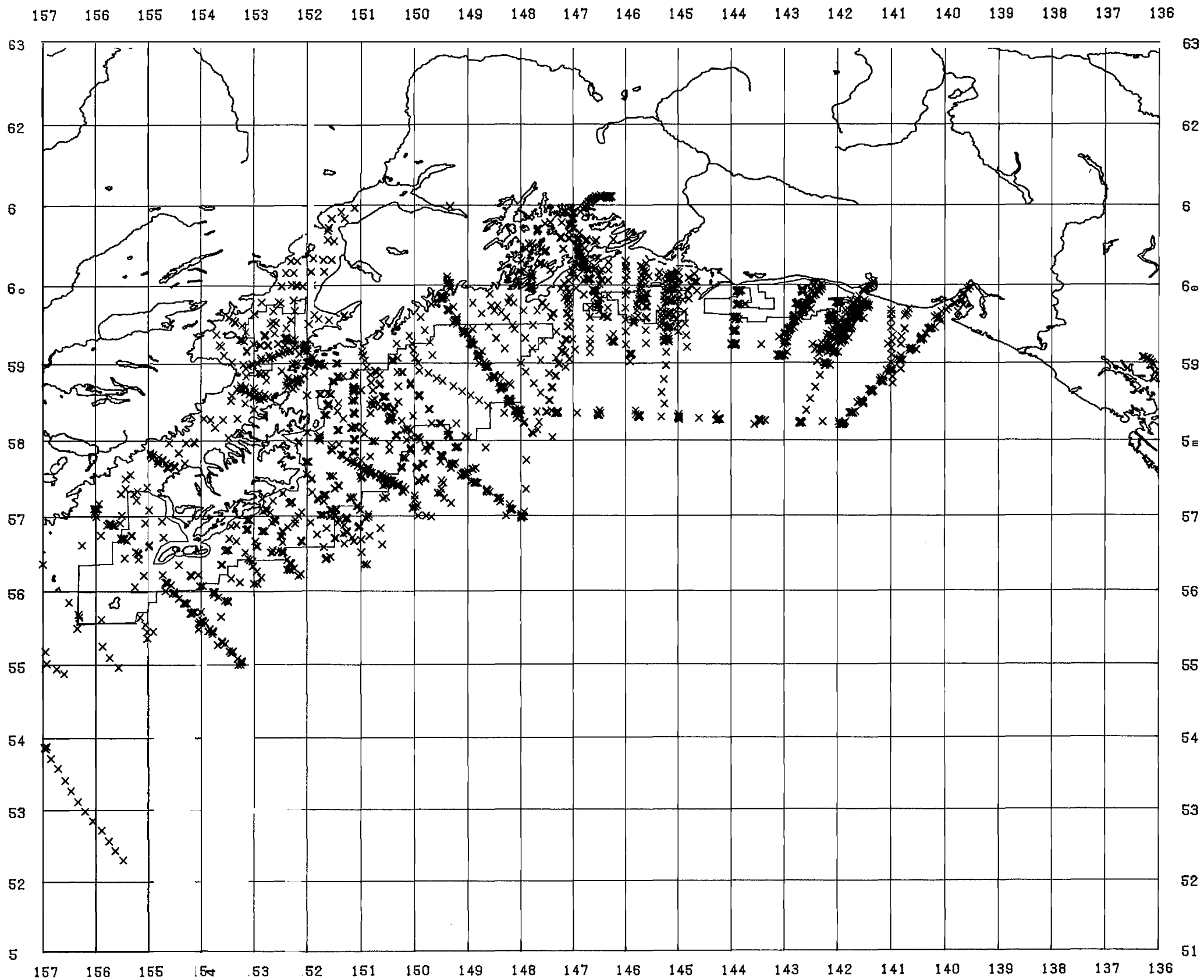
OF POINTS PLOTTED 77

NOTE: EACH POINT REPRESENTS A LOCATION OF TIME SERIES DATA AND THEREFORE A SINGLE "X" REPRESENTS MANY OBSERVATIONS.

FILE TYPE 021
TRACE METALS

OF POINTS PLOTTED 337





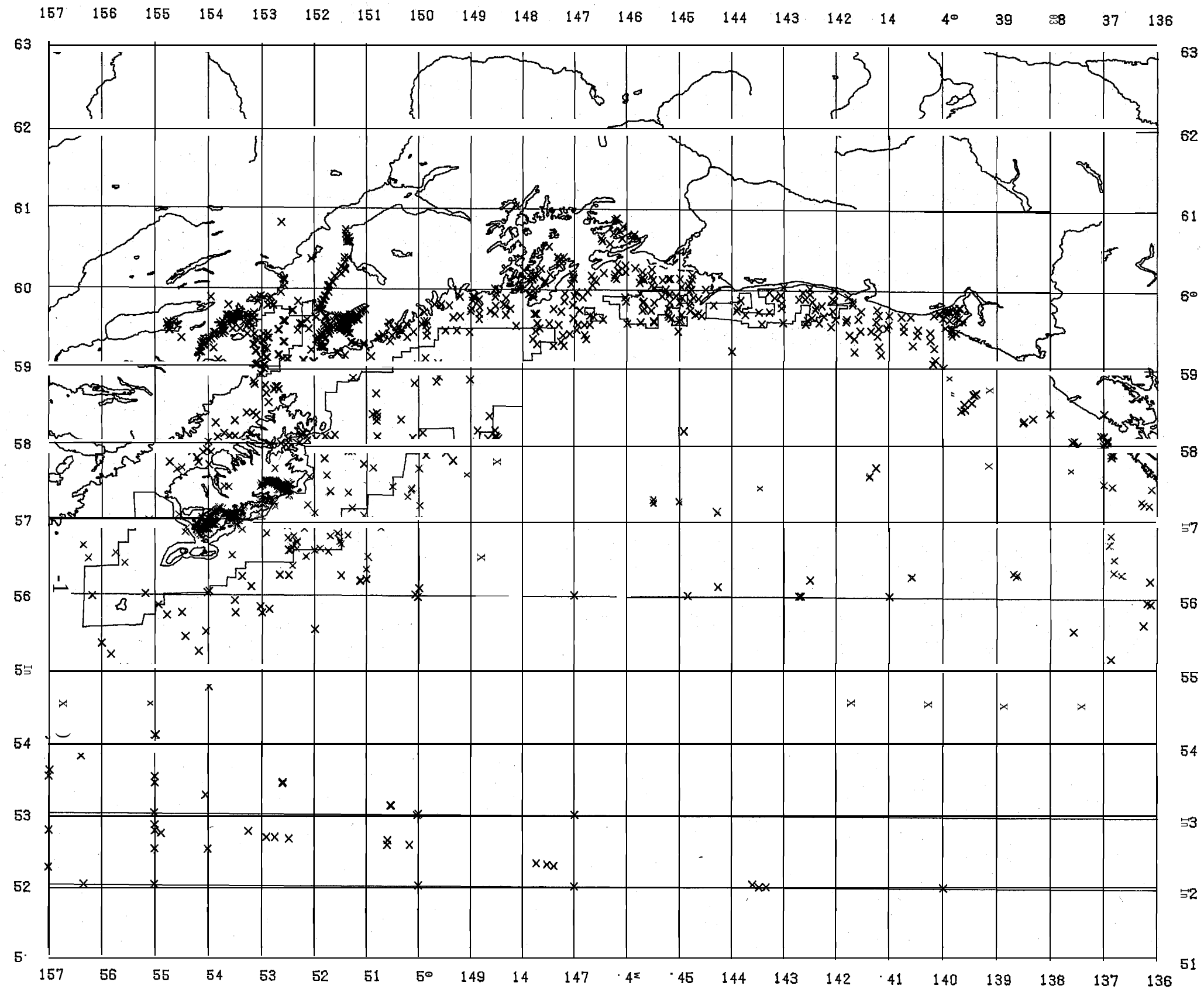
FILE TYPE 22 - SALINITY/
TEMPERATURE/DEPTH - STD

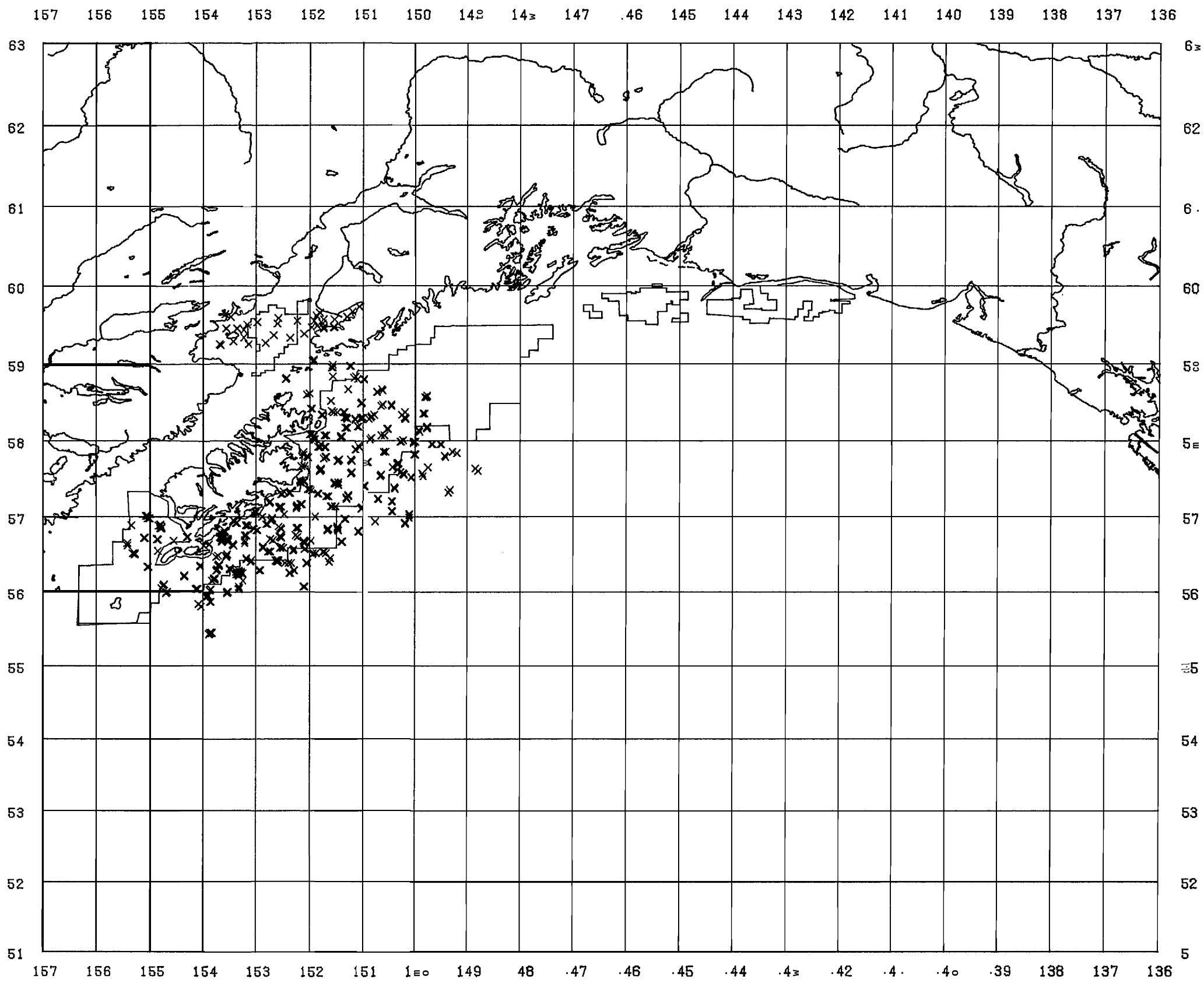
OF POINTS PLOTTED 3274

FILE TYPE 02
FISH RESOURCE ASSESSMENT

OF POINTS PLOTTED 2265

NOTE: DATA EVENTUALLY TO BE CONVERTED TO FILE TYPE 123-FISH/SHELLFISH RESOURCE ASSESSMENT





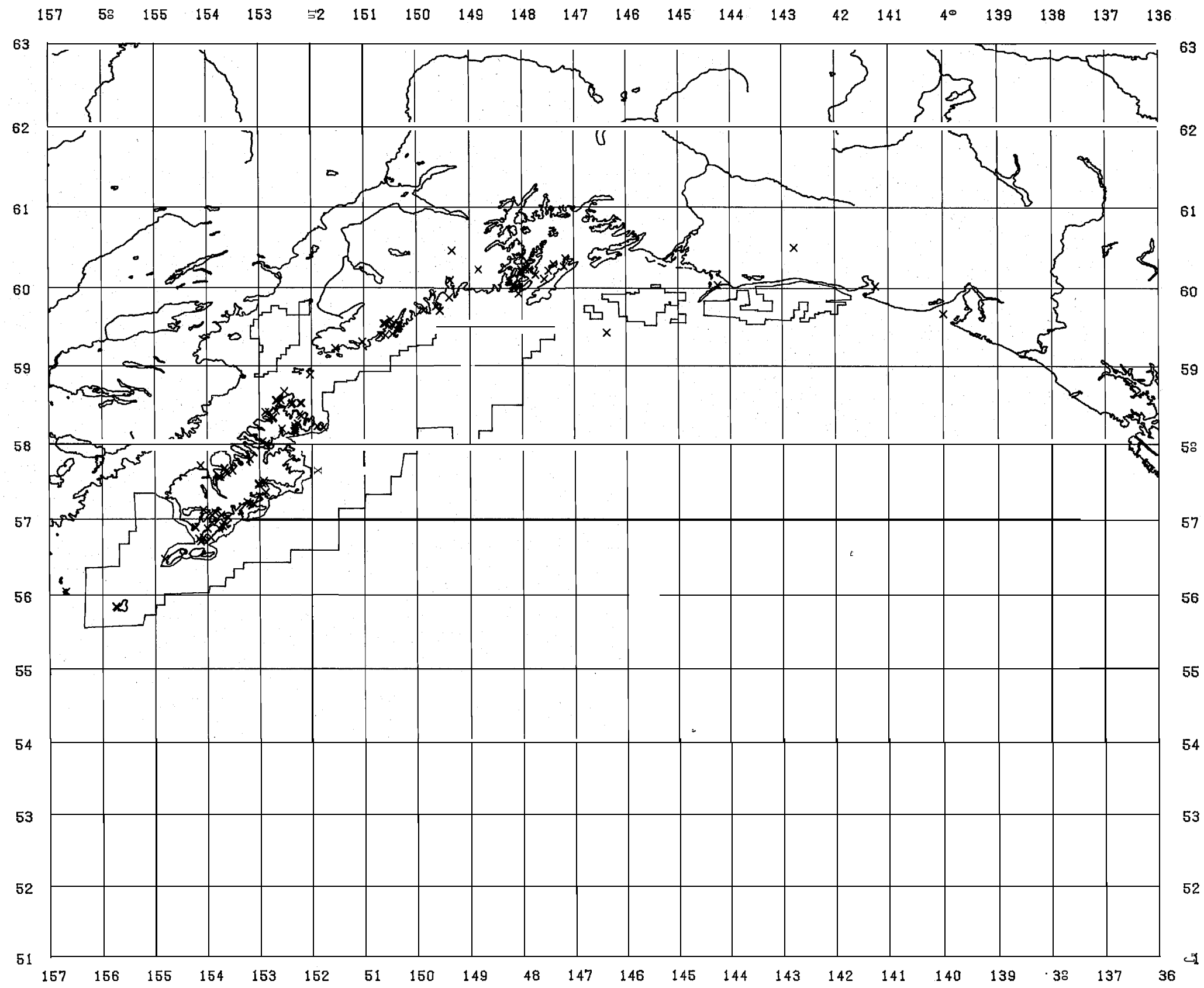
FILE TYPE 024
ZOOPLANKTON I

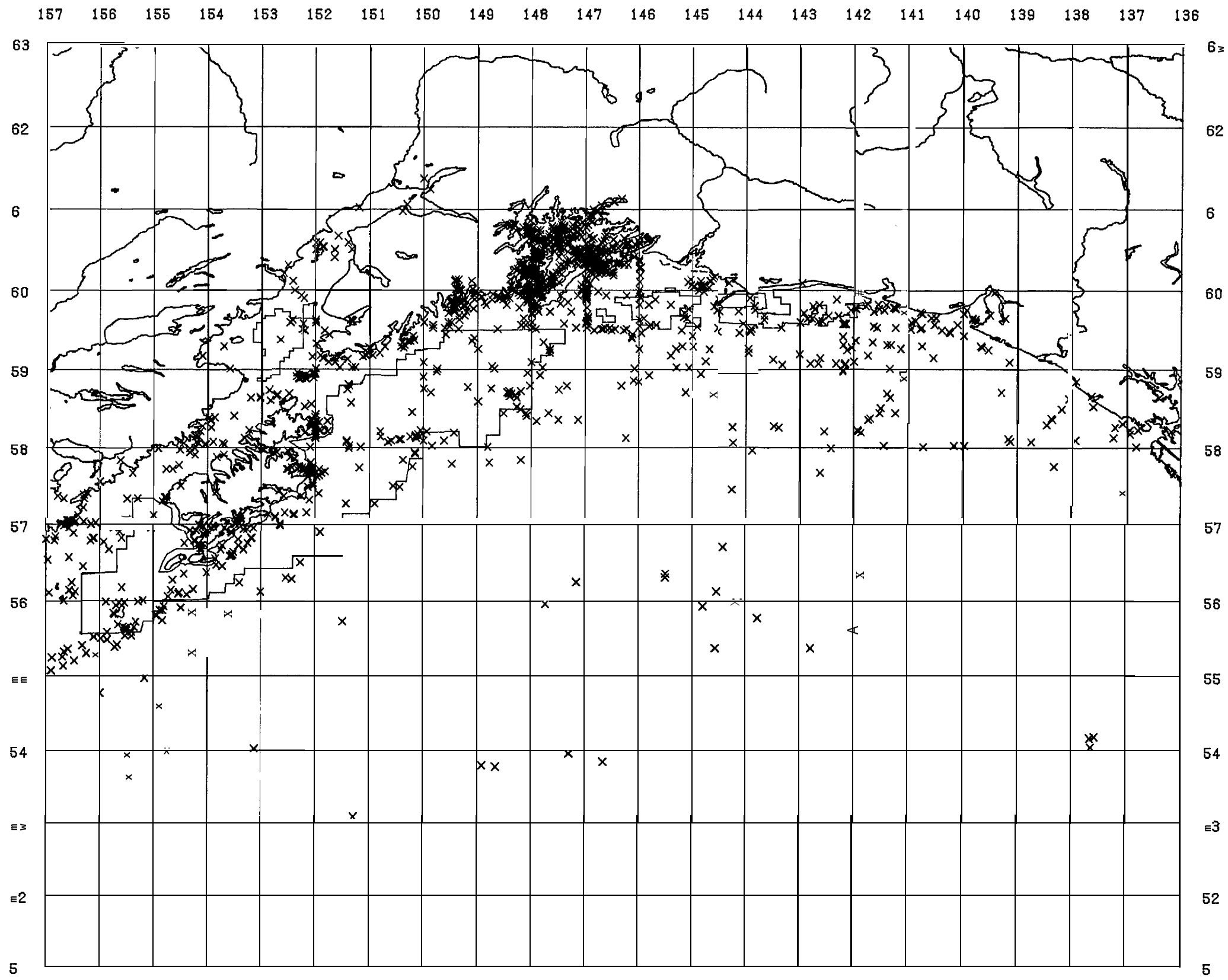
OF POINTS PLOTTED 1056

NOTE: SEE FILE TYPE 124 FOR ADDITIONAL ZOOPLANKTON DATA.

FILE TYPE 025
MAMMAL SPECIMEN

OF POINTS PLOTTED 253



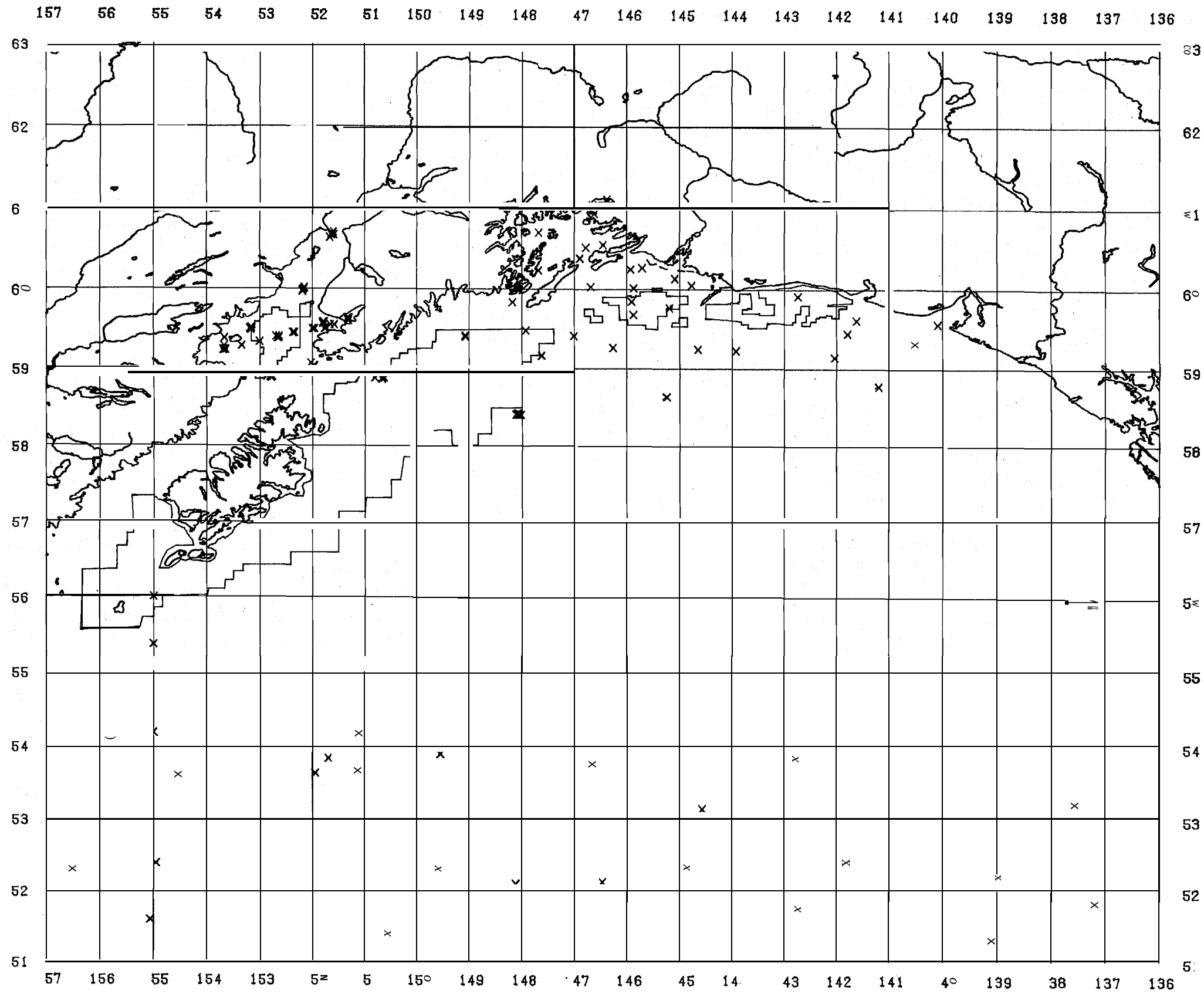


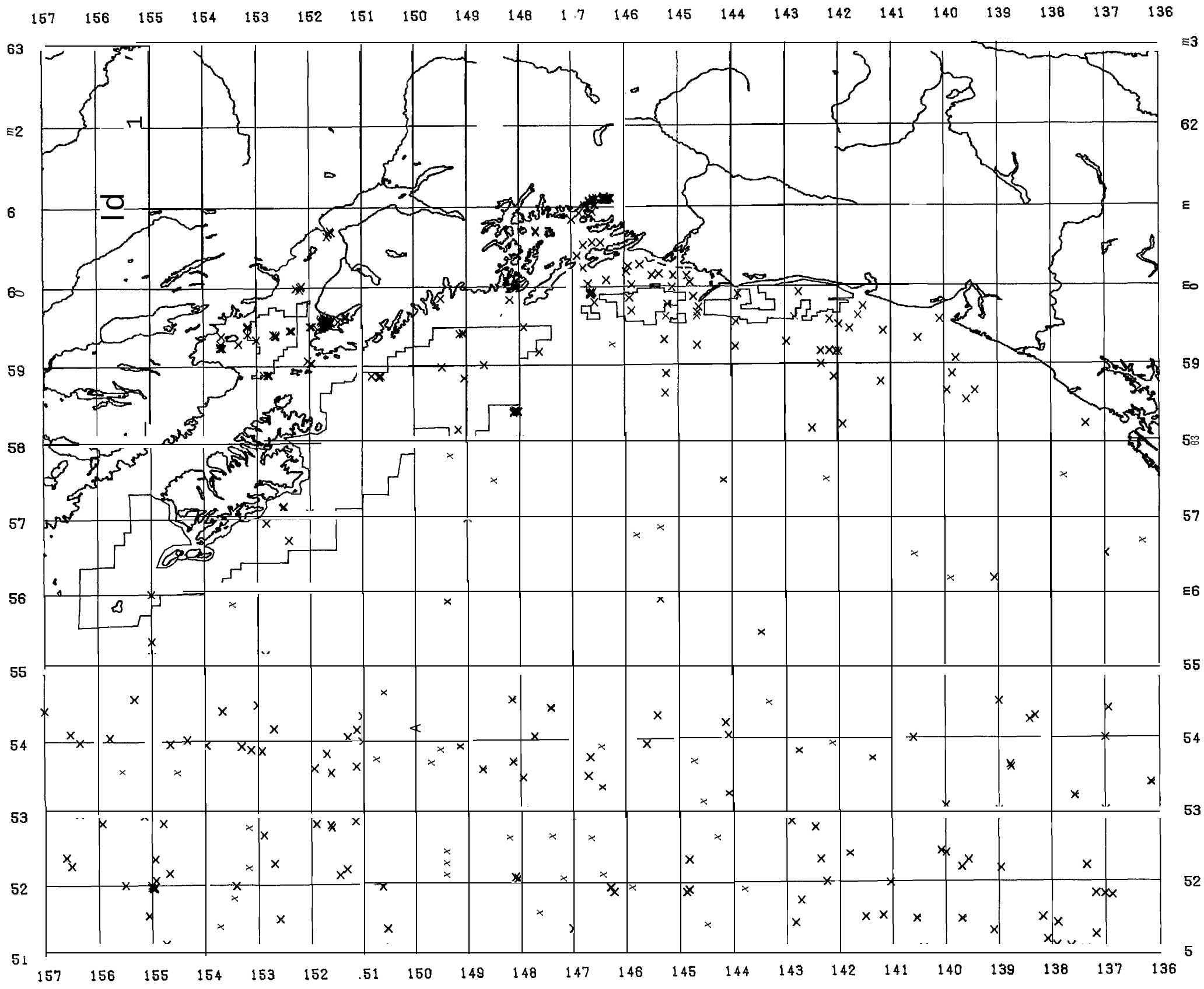
F LE TYPE 27 - MAMMAL
S GHTINGS-MULTIPLE GROUPS

OF POINTS PLOTTED 1783

FILE TYPE 028
PHYTOPLANKTON SPEC ES

OF POINTS PLOTTED 190



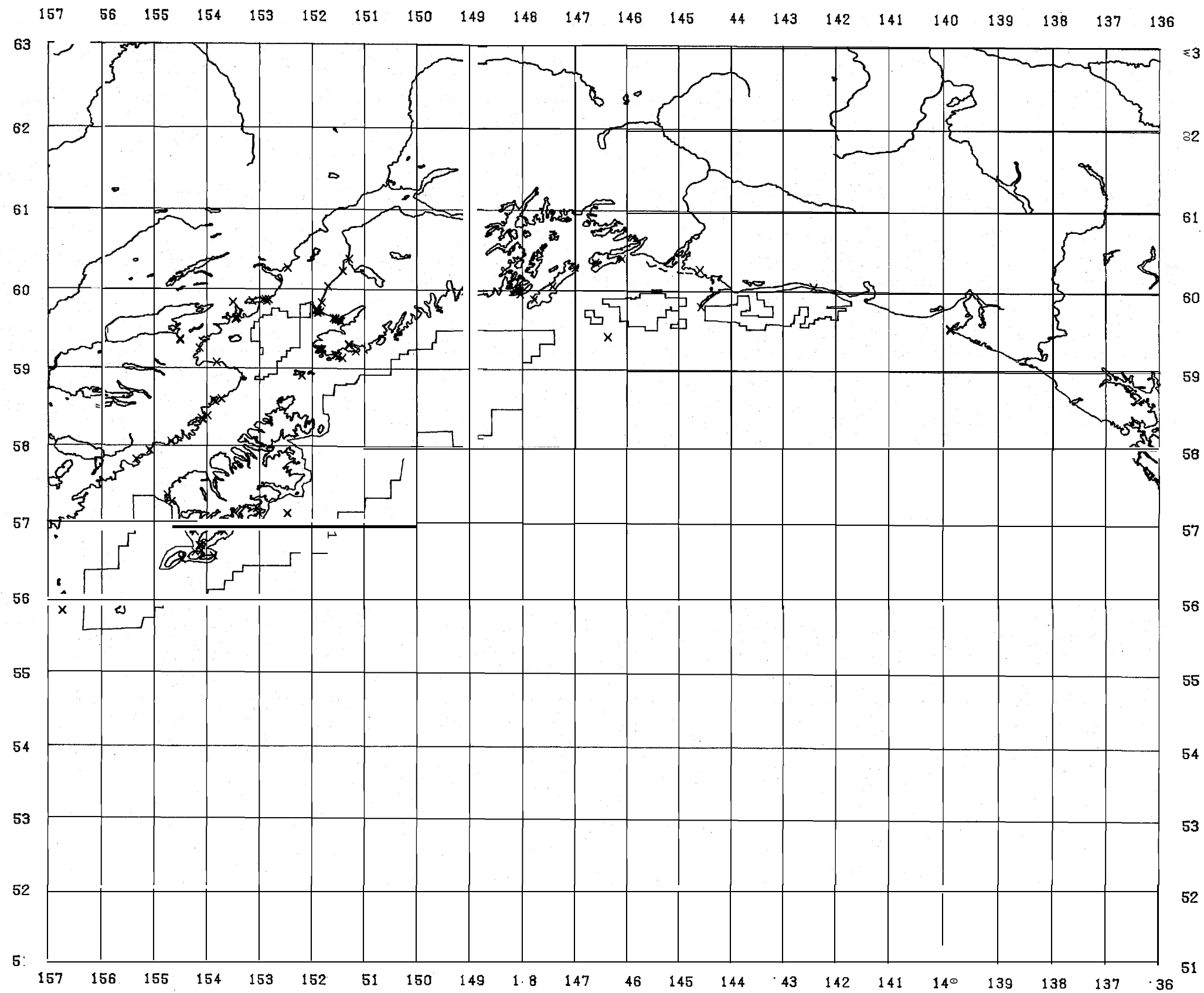


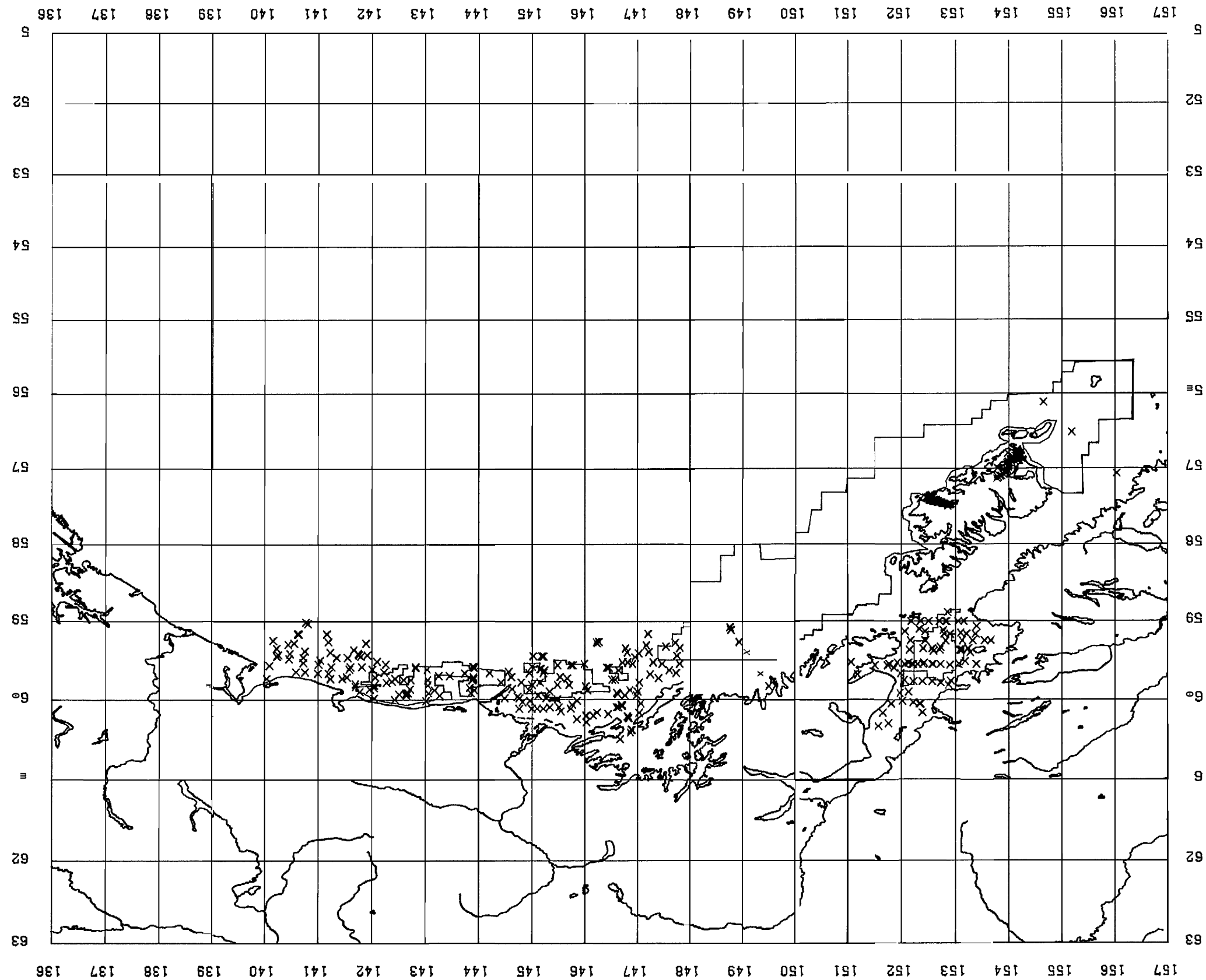
FILE TYPE 029
PRIMARY PRODUCTIVITY

OF POINTS PLOTTED 711

FILE TYPE 030
INTERTIDAL DATA

*OF POINTS PLOTTED 196



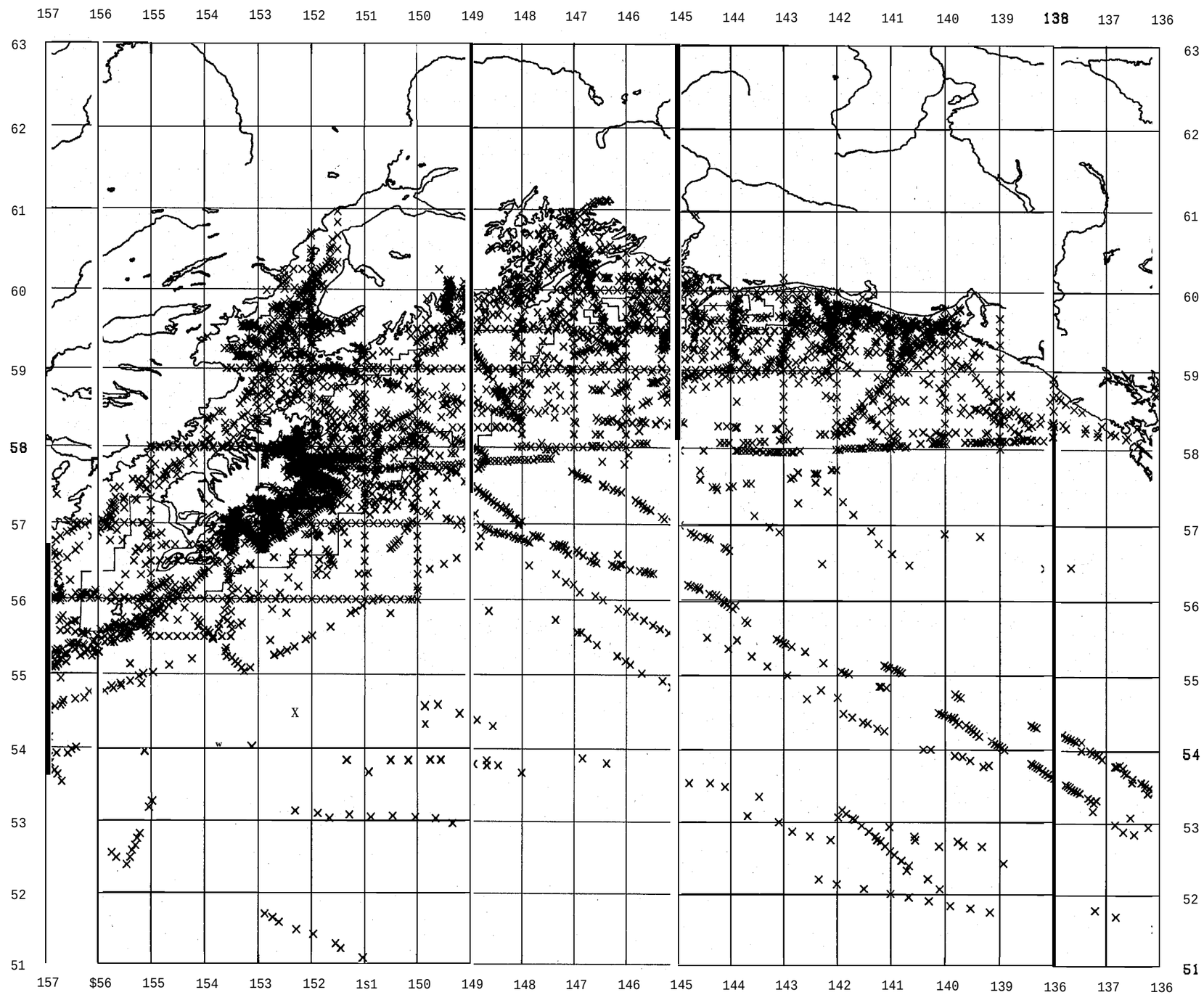


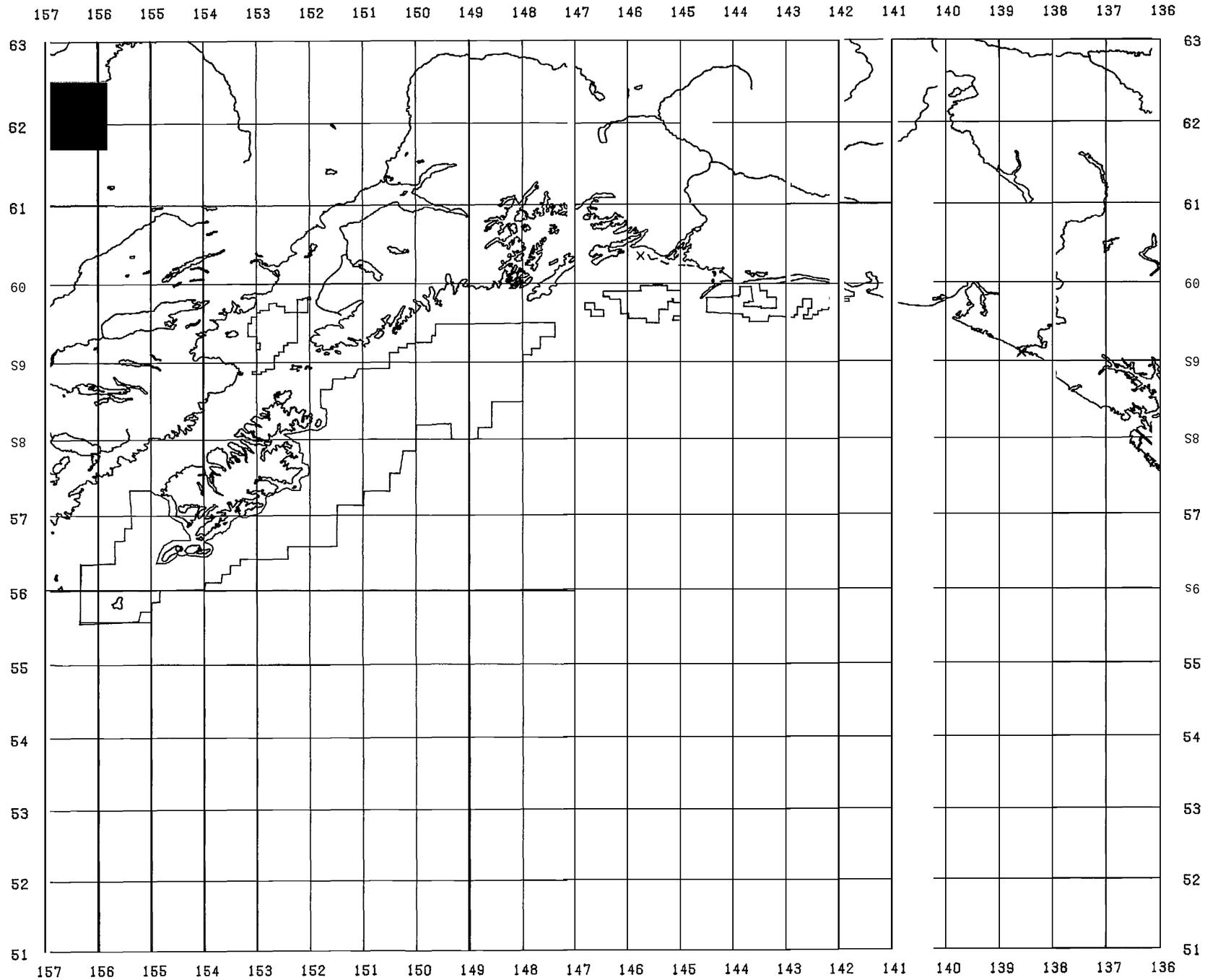
FILE TYPE 032
BENTHIC ORGAN.SMS

OF POINTS PLOTTED 559

FILE TYPE 033 - MARINE
BIRD SIGHTINGS, AIR/SHIP

OF POINTS PLOTTED 7157





FILE TYPE 035

MARINE BIRD COLONY I

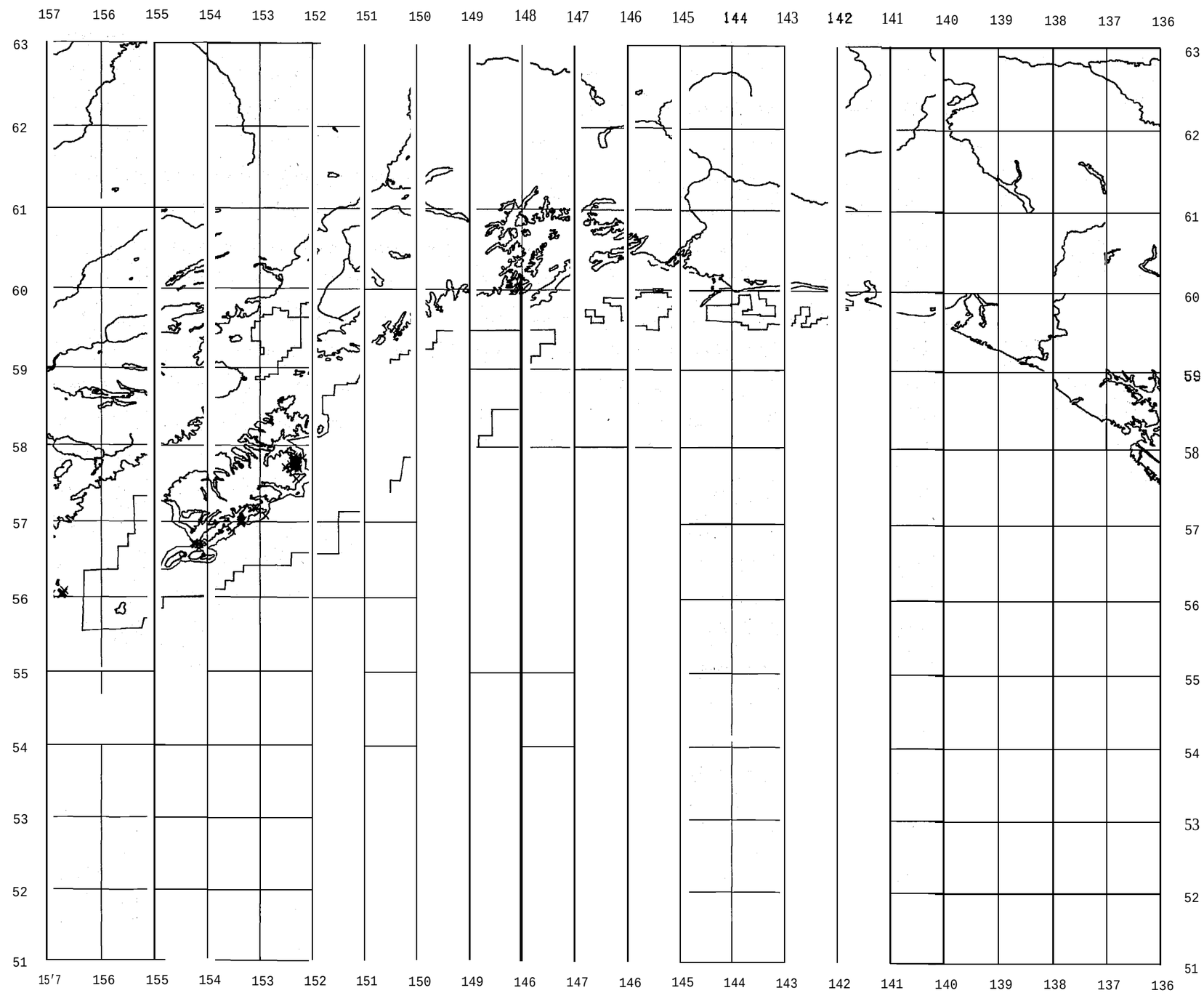
OF POINTS PLOTTED 377

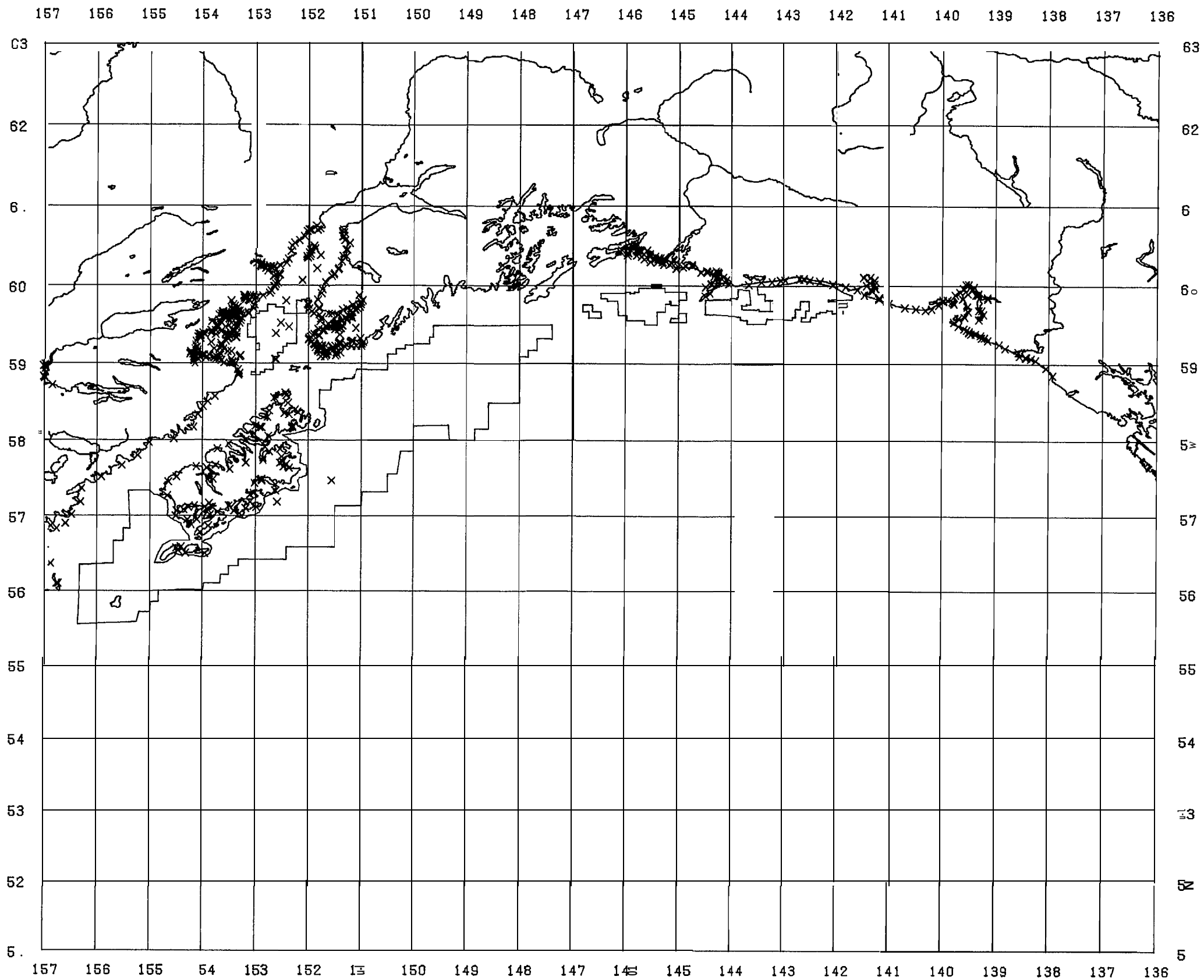
NOTE: EACH POINT REPRESENTS A SPECIFIC STUDY SITE, WITH A SINGLE "X" PLOTTED FOR EACH VISIT AND GENERALLY FOR EACH NEST STUDIED, RESULTING IN MULTIPLE POINTS PLOTTED AT THE SAME POSITION.

FILE TYPE 037

FEEDING FLOCK

OF POINTS PLOTTED 159



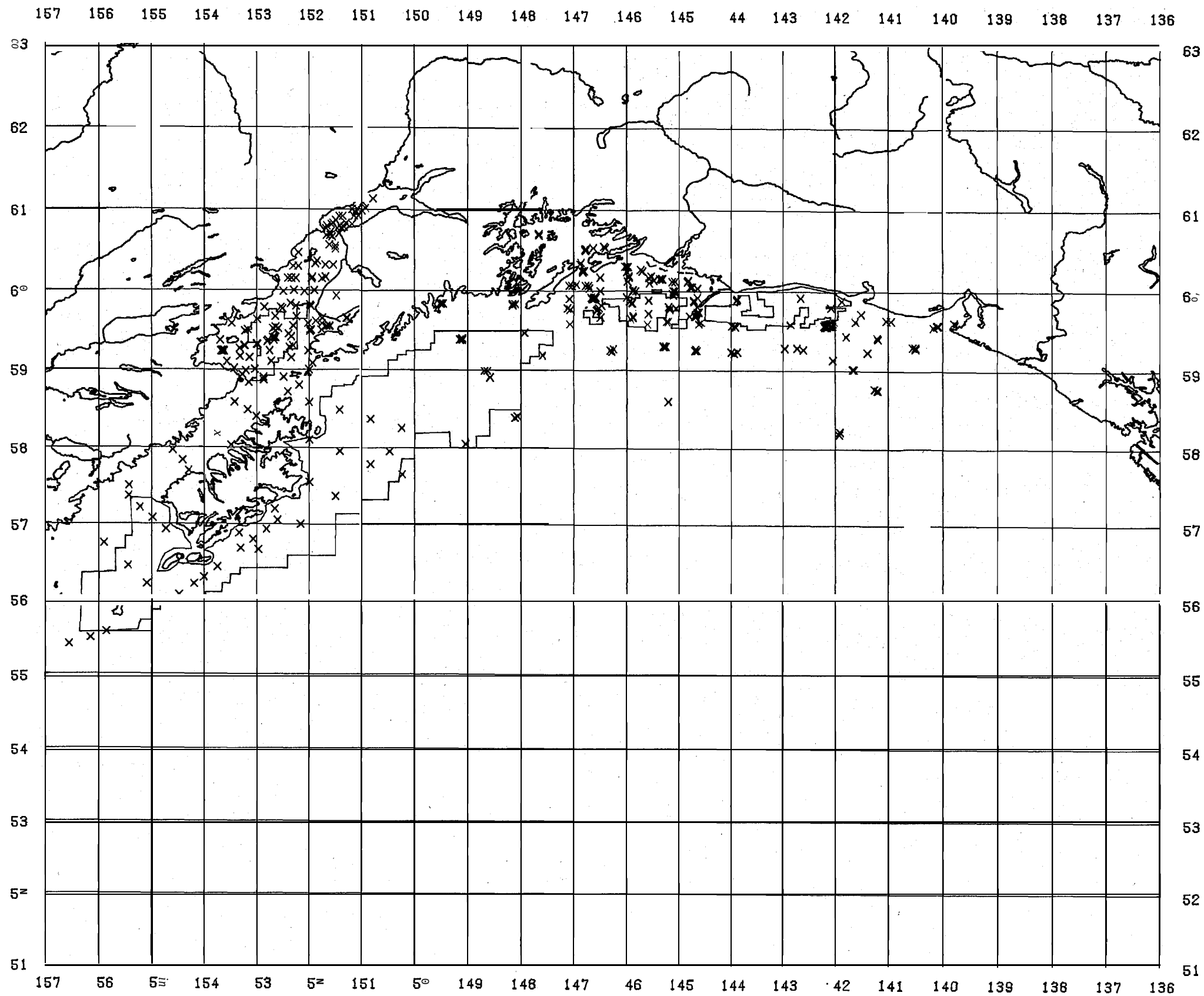


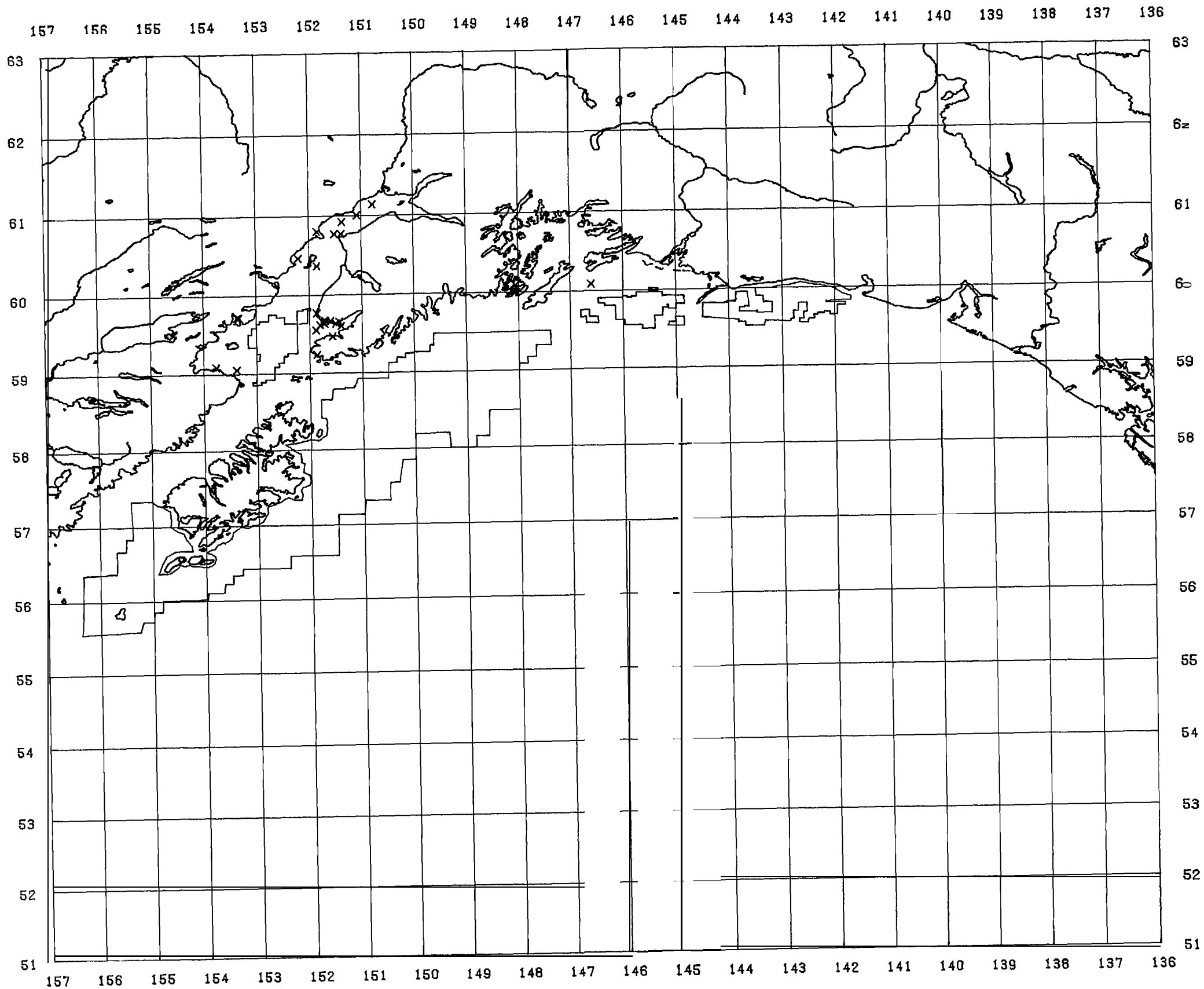
FILE TYPE 040
MARINE BIRD HABITAT

OF POINTS PLOTTED 128

FILE TYPE 043
LIGHT HYDROCARBONS

OF POINTS PLOTTED 482





FILE TYPE 044
HEAVY HYDROCARBONS

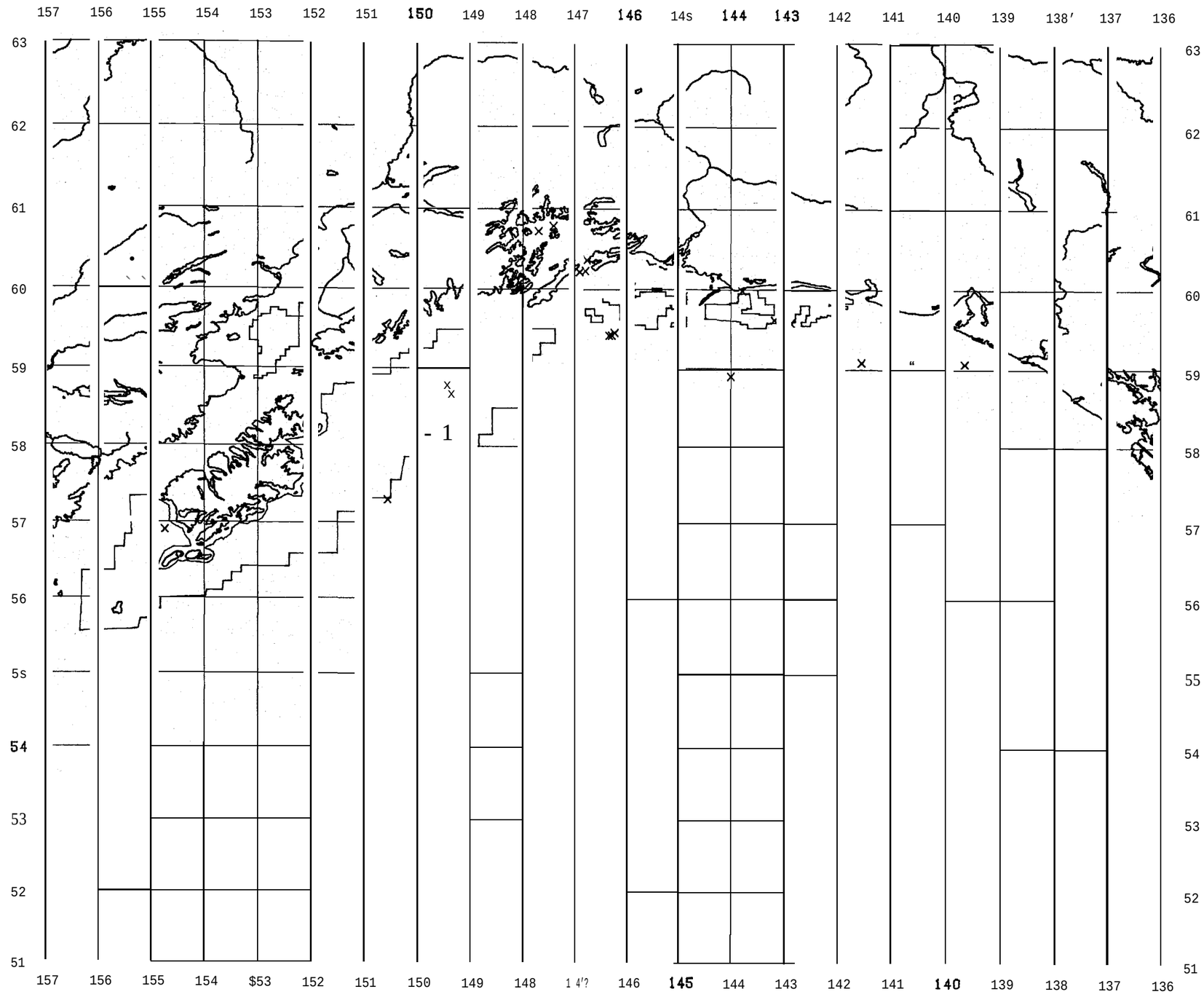
* OF POINTS PLOTTED 30

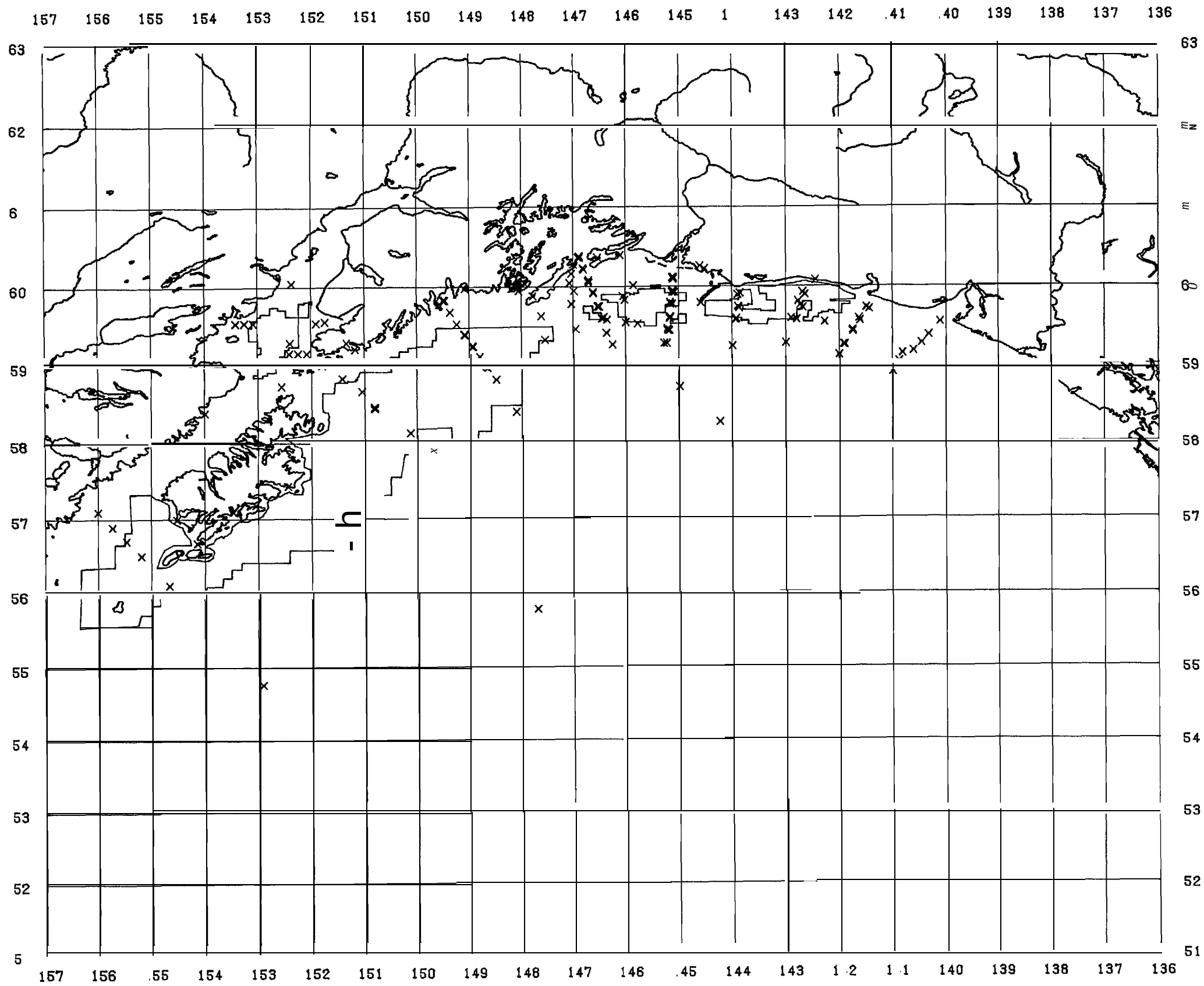
FILE TYPE 056

LAGRANGIAN CURRENTS

OF POINTS PLOTTED 24

NOTE: A POINT IS PLOTTED ON THIS CHART FOR INITIAL BUOY POSITIONS AND FOR THE FIRST OBSERVED POSITION IN EACH SUBSEQUENT MONTH FOR EACH BUOY.





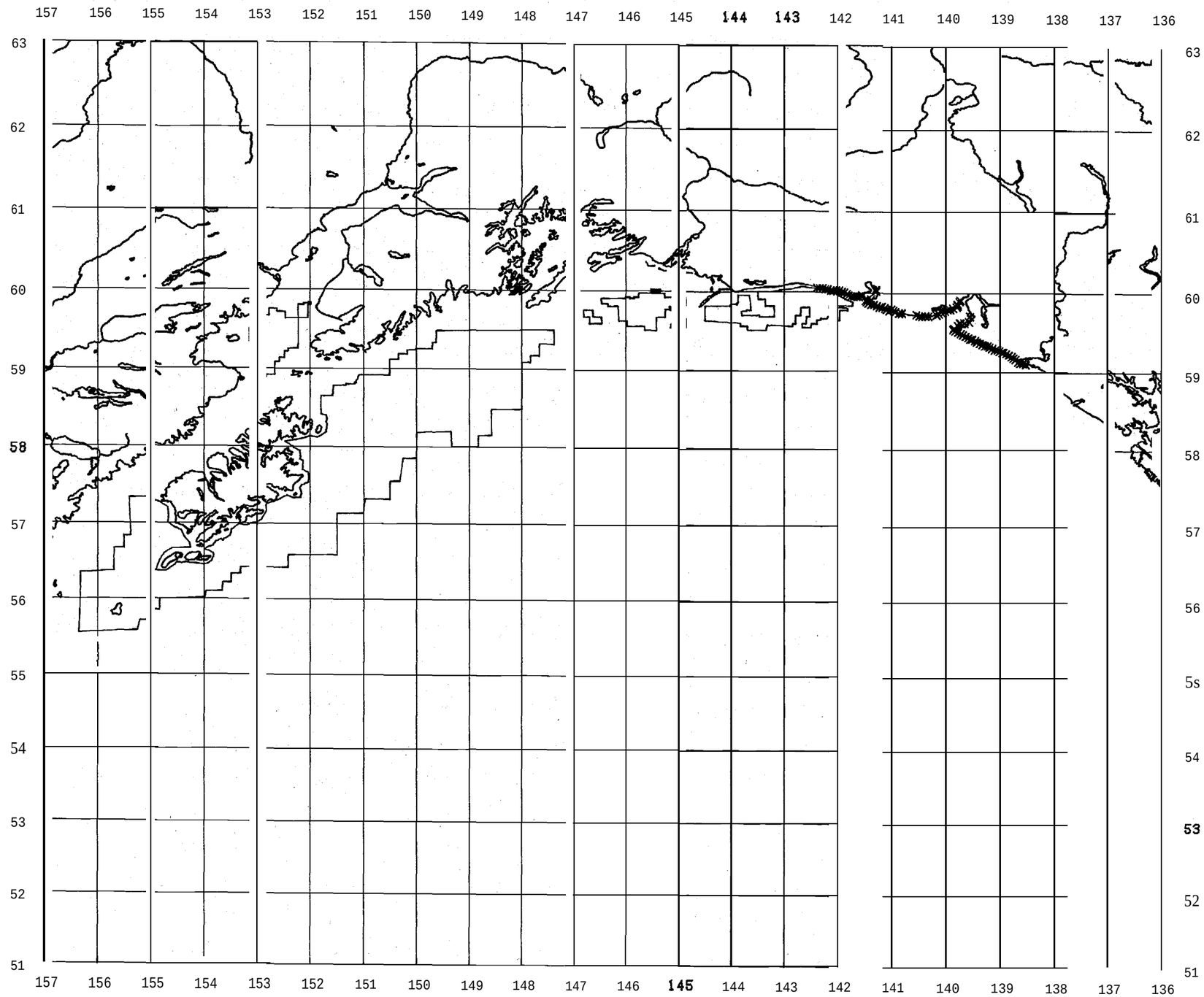
FILE TYPE 061
TRACE ELEMENTS

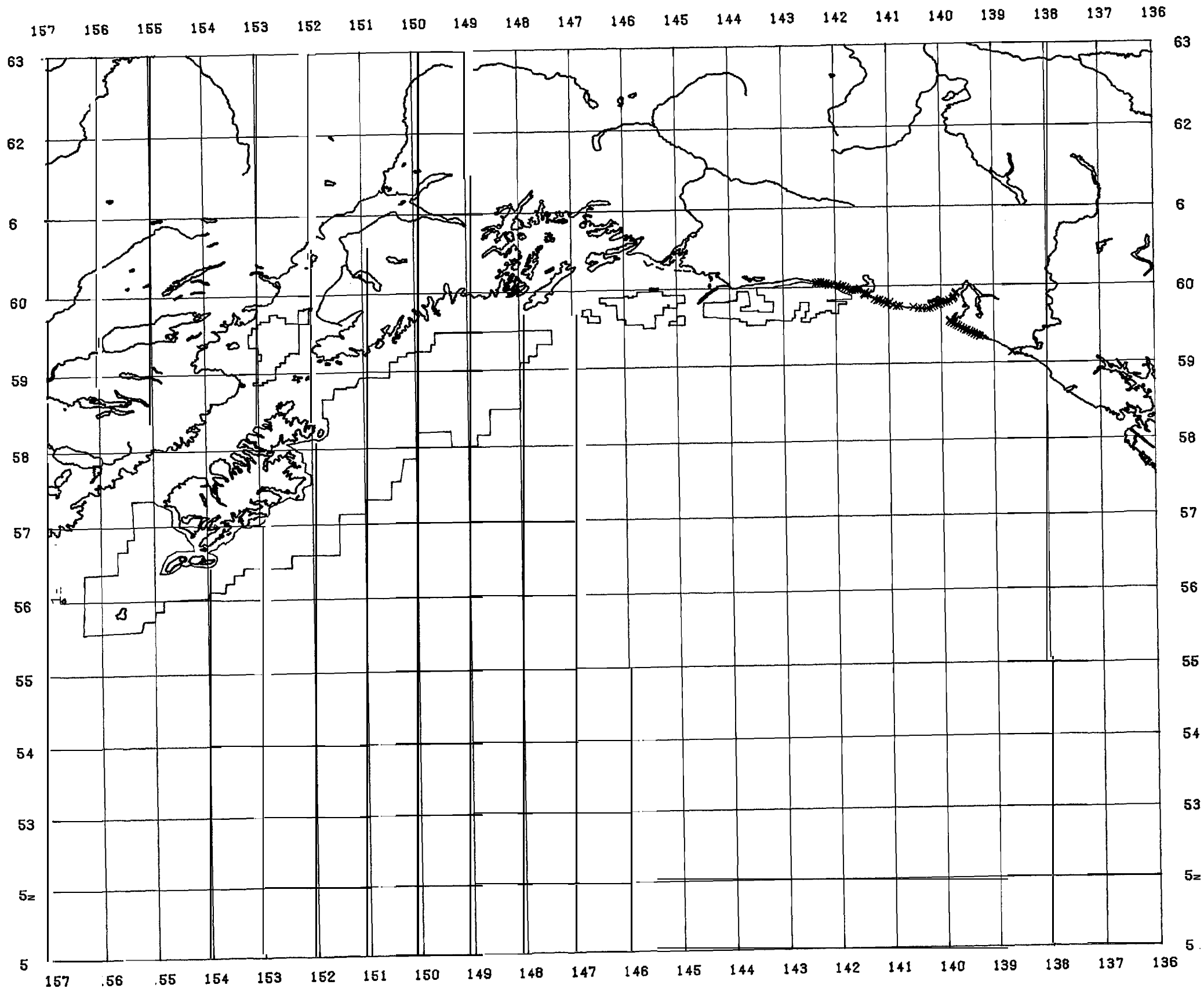
OF POINTS PLOTTED 164

F LE TYPE 072
BEACH PROFILES

OF POINTS PLOTTED 97

NOTE : DATA HELD AT THE NATIONAL GEO-PHYSICAL AND SOLAR-TERRESTRIAL DATA CENTER (NGSDC), IN BOULDER , COLORADO.





FILE TYPE 073
GRAIN SIZE ANALYSIS

* OF POINTS PLOTTED .7≥

NOTE: DATA HELD AT THE NATIONAL GEOPHYSICAL AND SOLAR-TERRESTRIAL DATA CENTER (NGSDC), IN BOULDER, COLORADO.

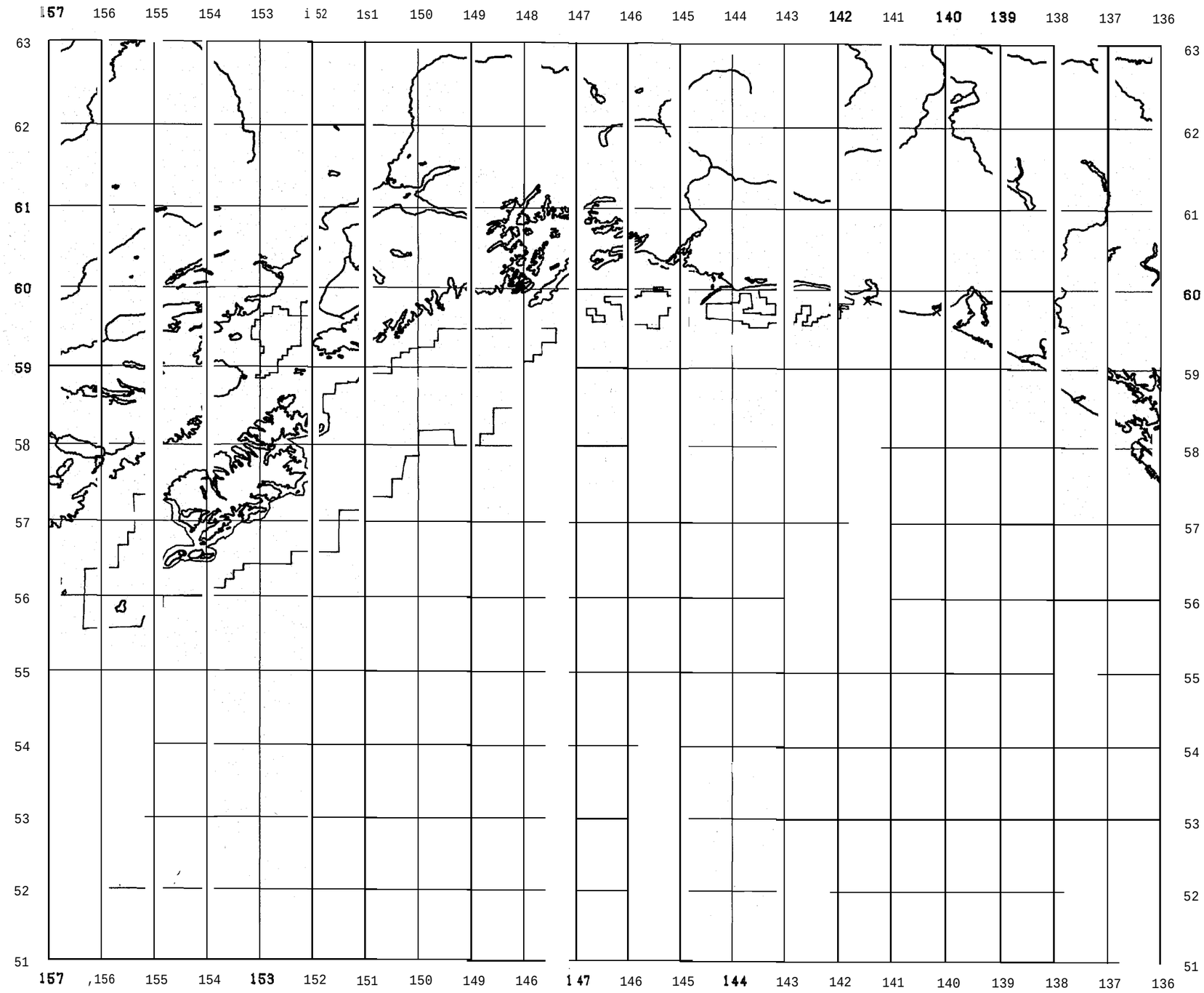
2≥

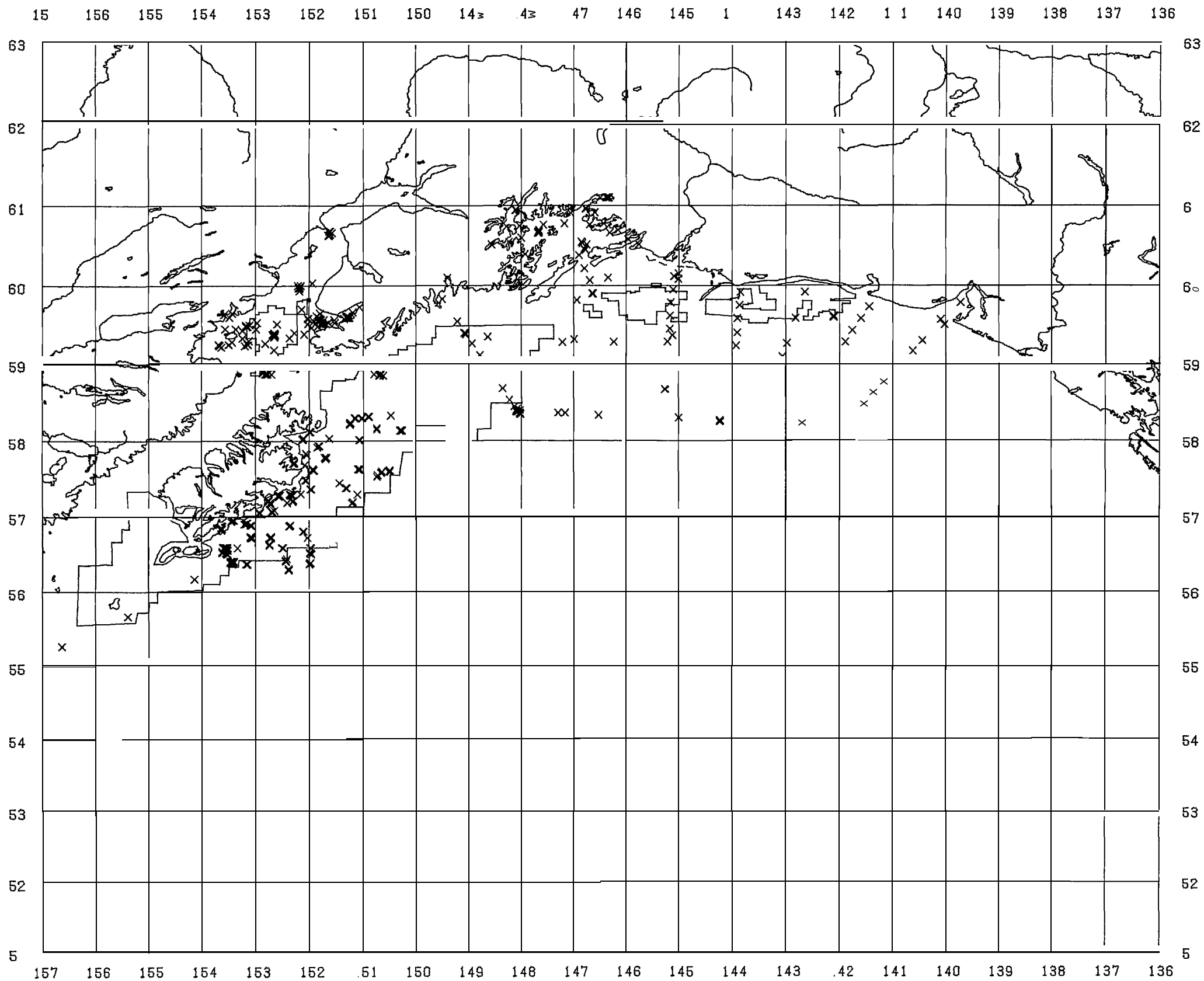
FILE TYPE 101

WIND DATA

OF POINTS PLOTTED 3

NOTE : EACH POINT REPRESENTS A LOCATION OF TIME SERIES DATA AND THEREFORE A SINGLE "X" REPRESENTS MANY OBSERVATIONS.





FILE TYPE 124
ZOOPLANKTON II

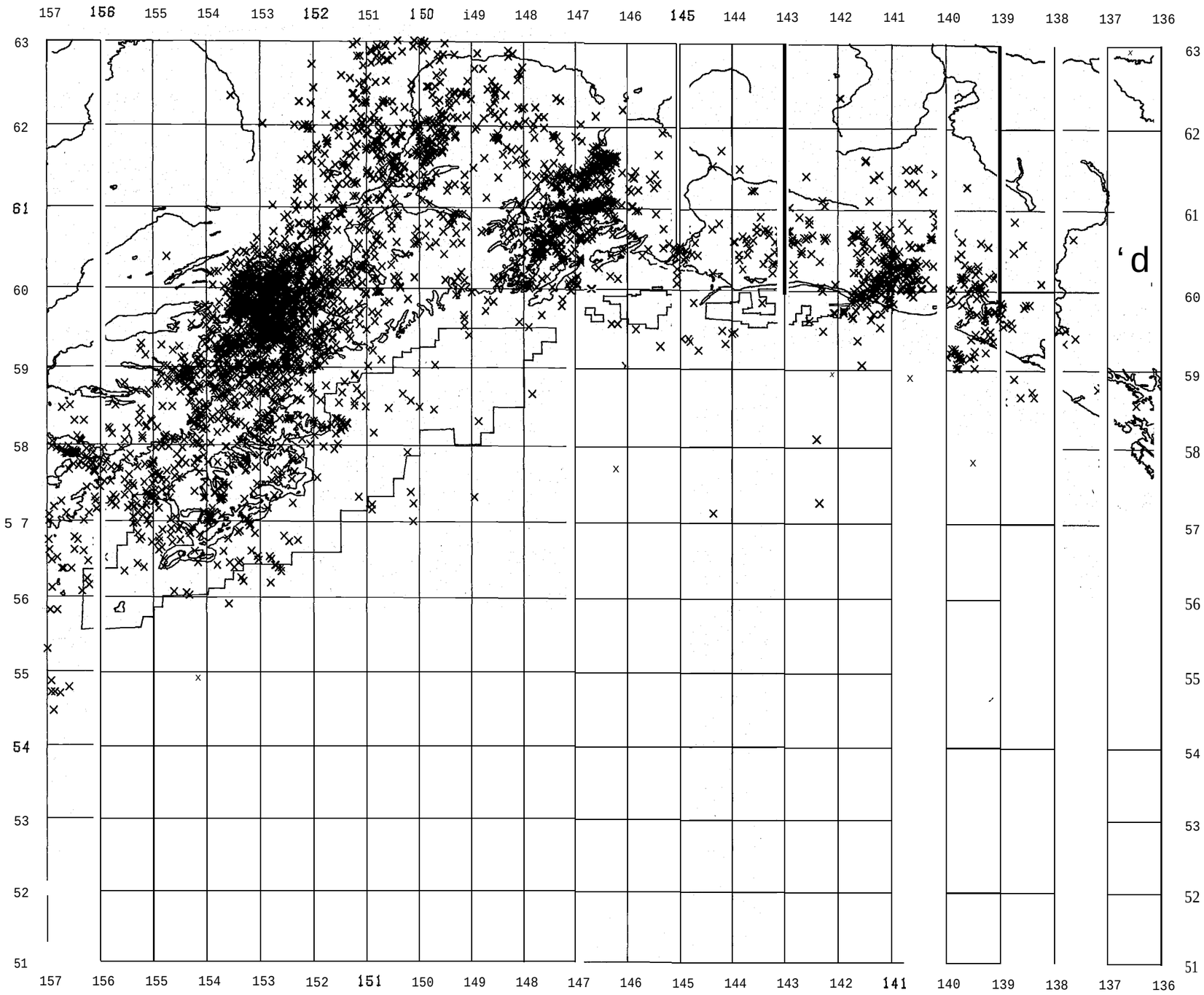
OF 70 N+S PLOTTED 1073

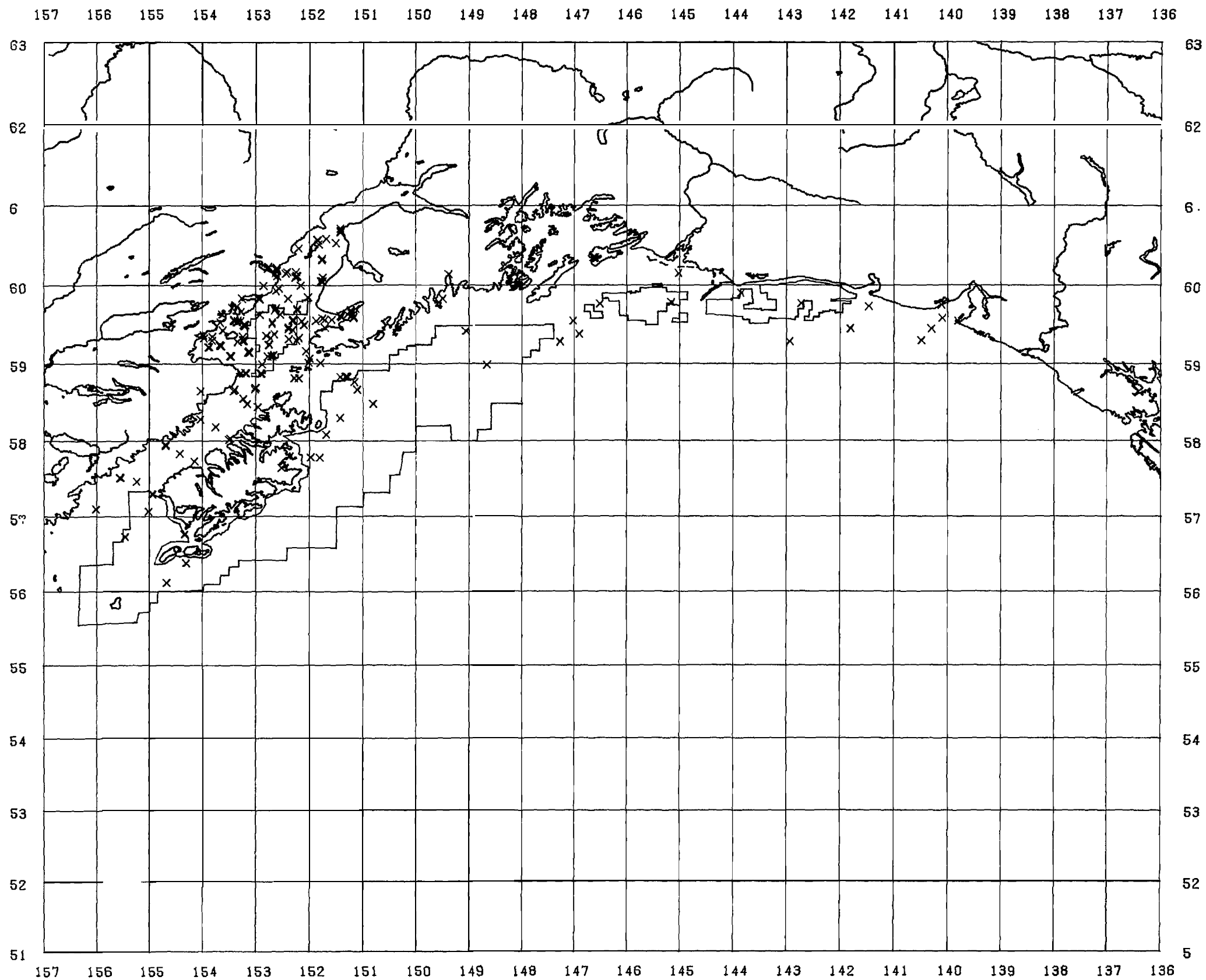
NOTE: SEE FILE TYPE 024 FOR ADDITIONAL ZOOPLANKTON DATA.

FILE TYPE 401
EPICENTER DATA

OF POINTS PLOTTED 3738

NOTE : DATA HELD AT THE NATIONAL GEOPHYSICAL AND SOLAR-TERRESTRIAL DATA CENTER (NGSDC) , IN BOULDER , COLORADO.

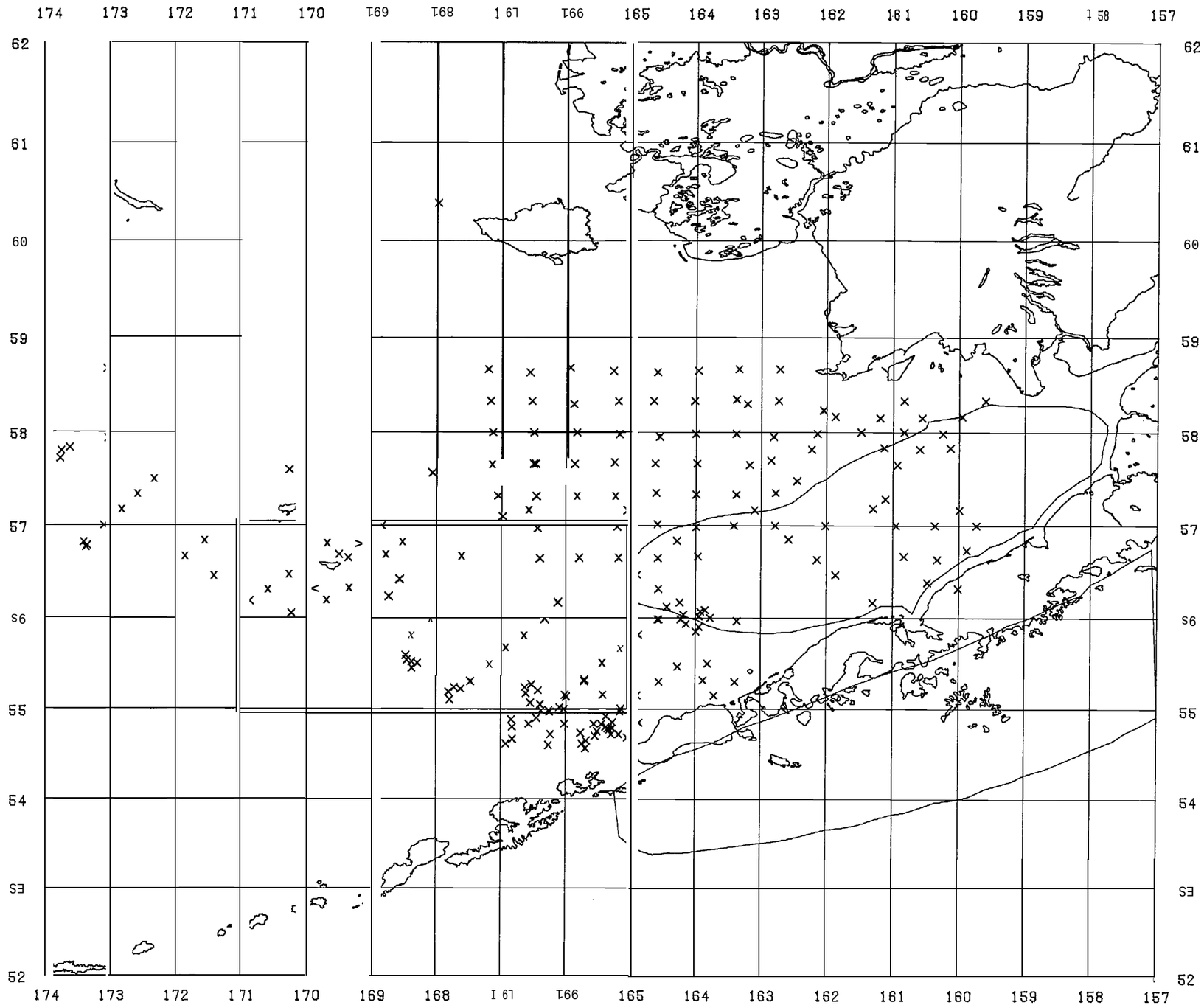




FILE TYPE 402
MICROBIOLOGY

OF POINTS PLOTTED 363

NOTE: DATA HELD AT THE NATIONAL INSTITUTES OF HEALTH (NIH), IN BETHESDA, MARYLAND.



FILE TYPE 013

FISH PATHOLOGY

OF POINTS PLOTTED 226

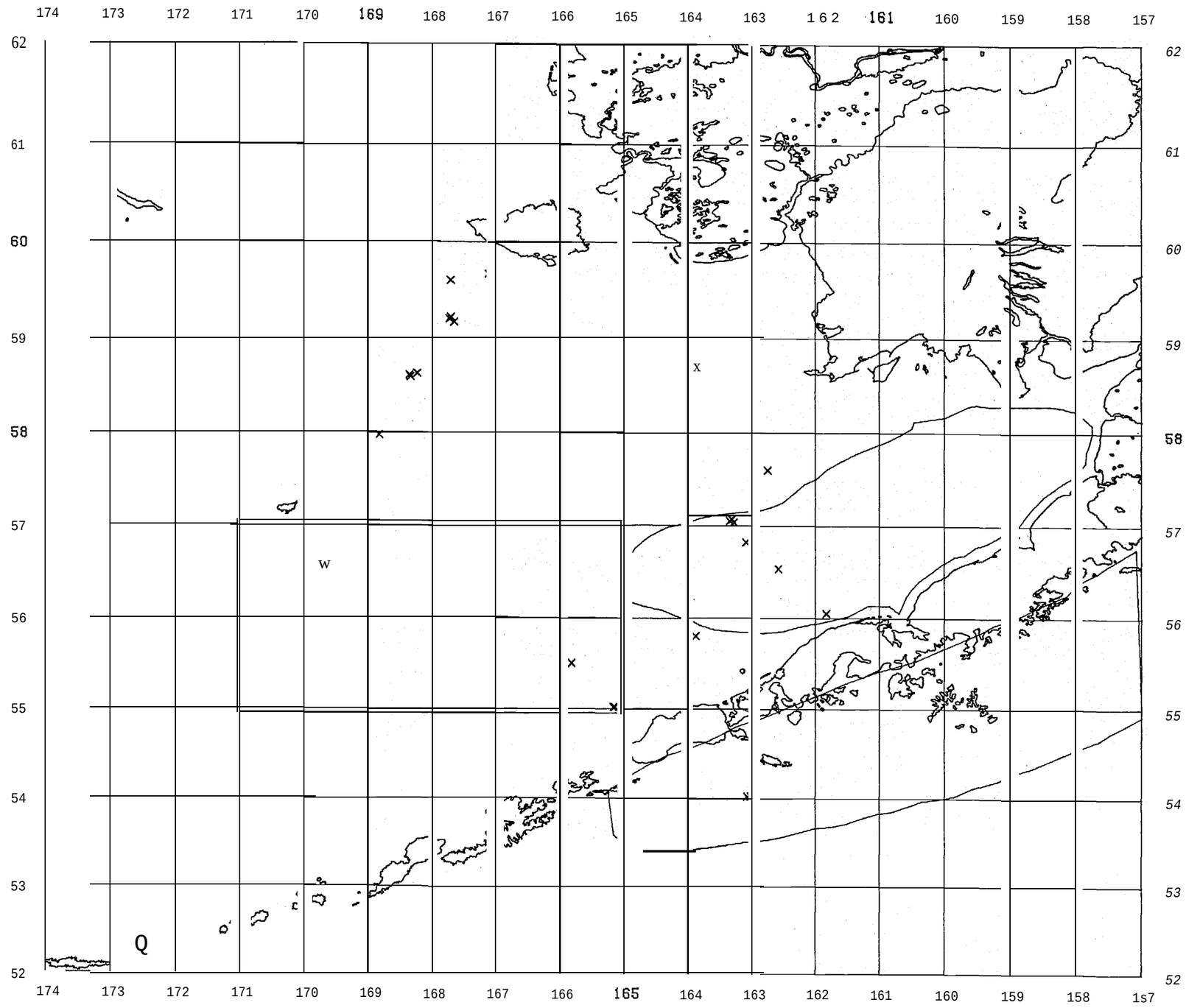
NOTE: ADDITIONAL FISH PATHOLOGY STATIONS ARE AVAILABLE FOR THE NORTON SOUND AND CHUKCHI SEA AREAS BUT ARE NOT INCLUDED IN THIS EDITION OF THE CATALOG.

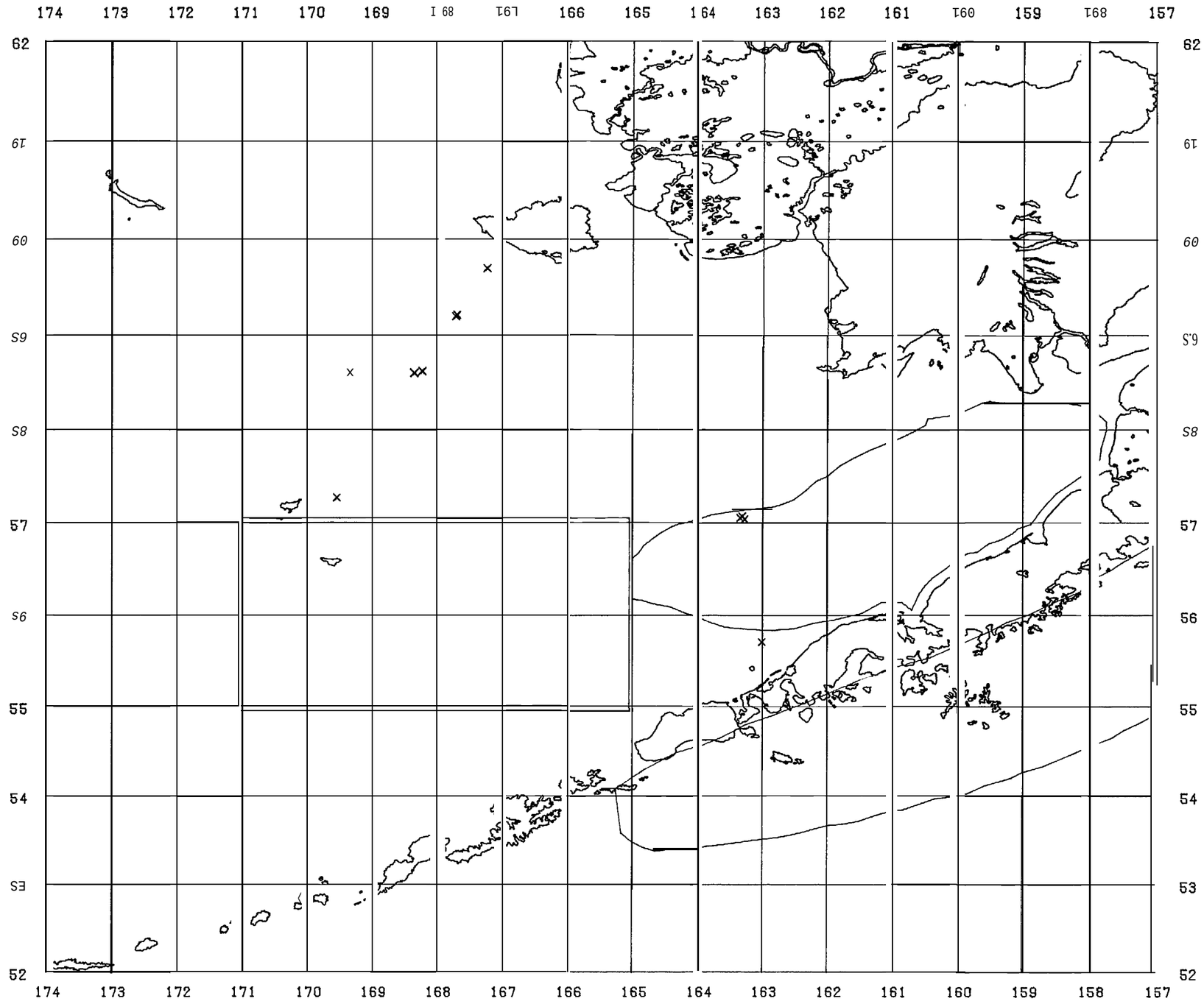
FILE TYPE 015

CURRENT METERS

OF POINTS PLOTTED 192

NOTE : EACH POINT REPRESENTS A LOCATION OF TIME SERIES DATA AND THEREFORE A SINGLE "X" REpRESENTS MANY OBSERVATIONS.





FILE TYPE 017

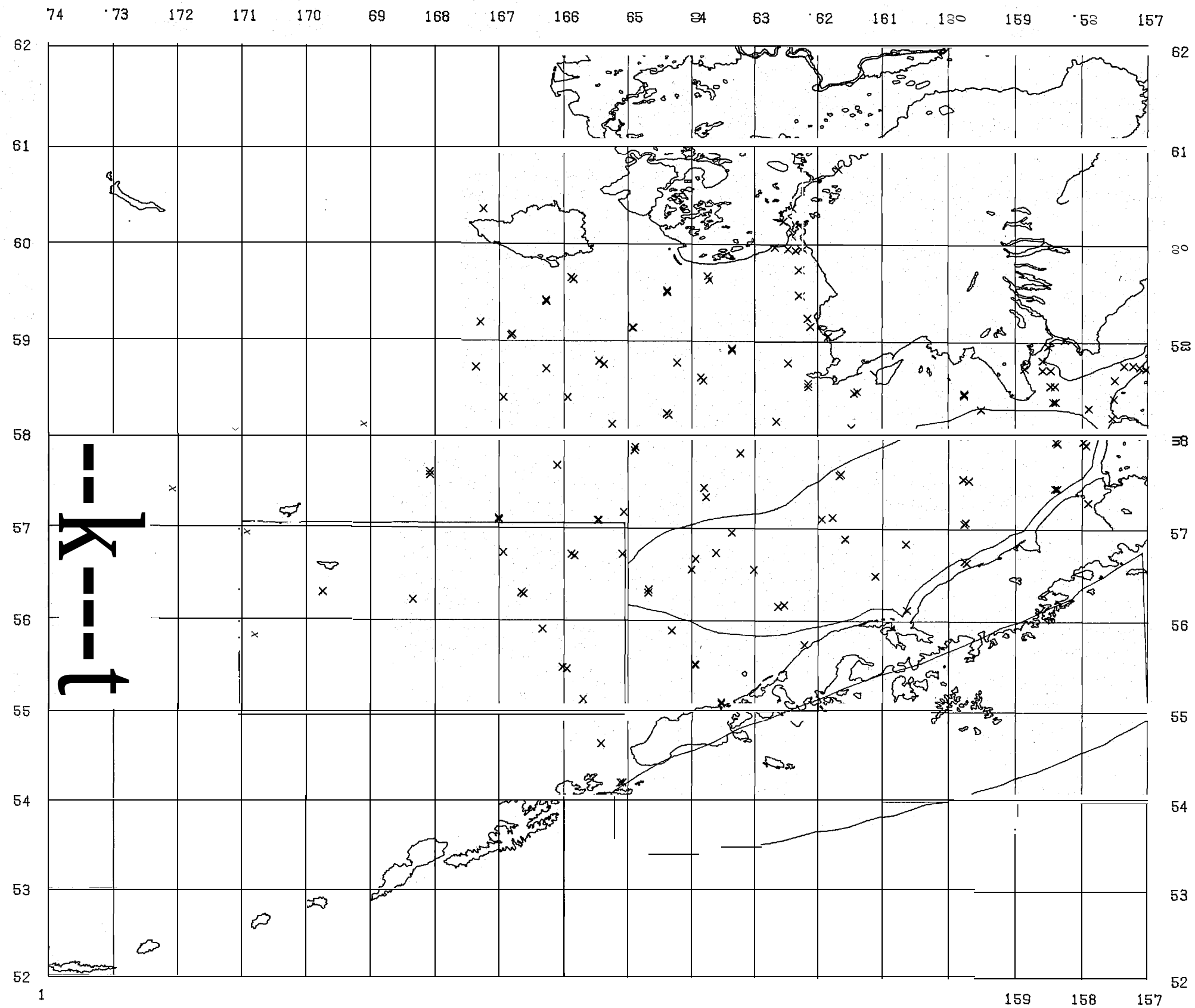
PRESSURE GAUGE

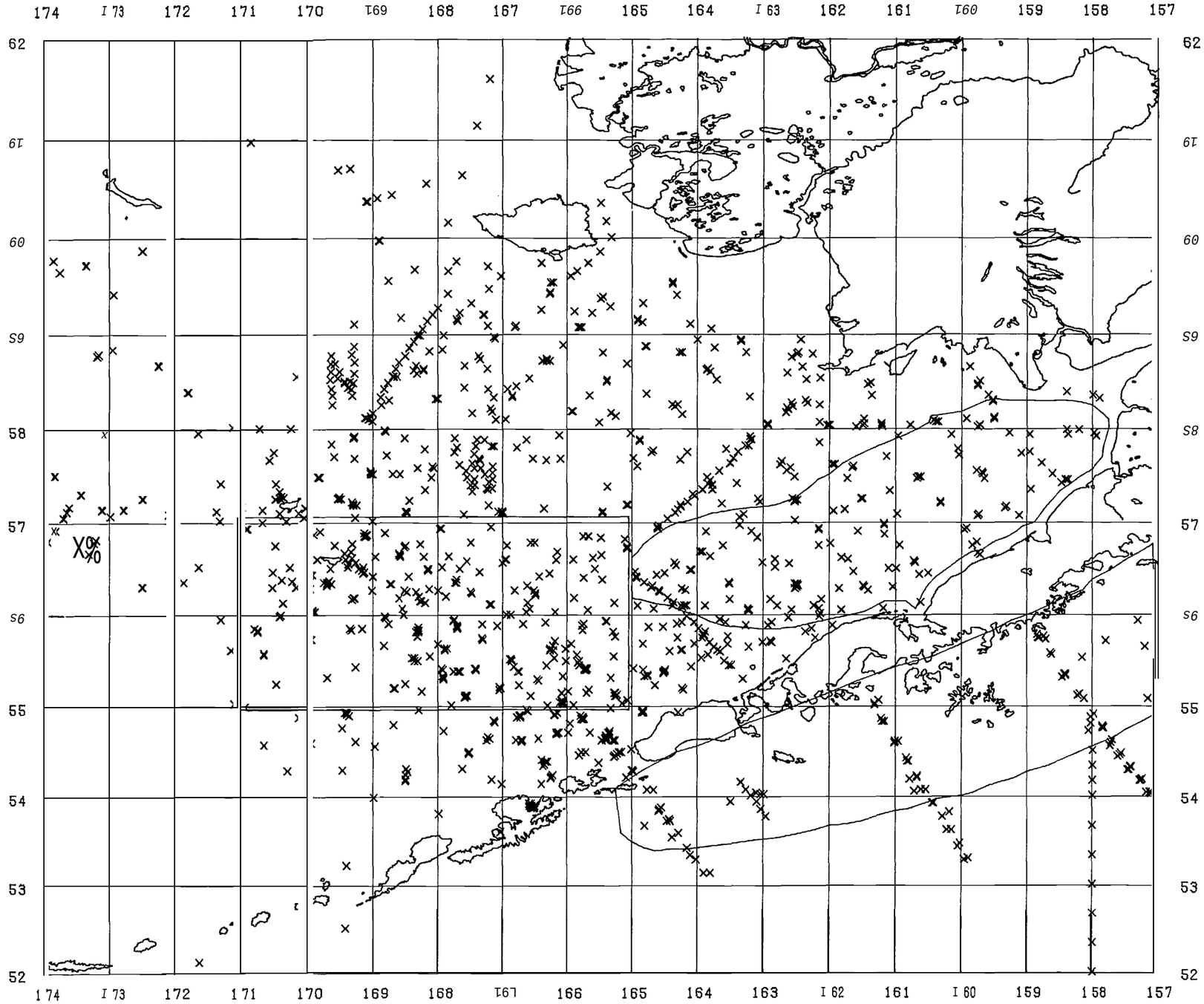
OF POINTS PLOTTED 56

NOTE: EACH POINT REPRESENTS A LOCATION OF TIME SERIES DATA AND THEREFORE A SINGLE "X" REPRESENTS MANY OBSERVATIONS.

FILE TYPE 021
TRACE METALS

OF POINTS PLOTTED 156





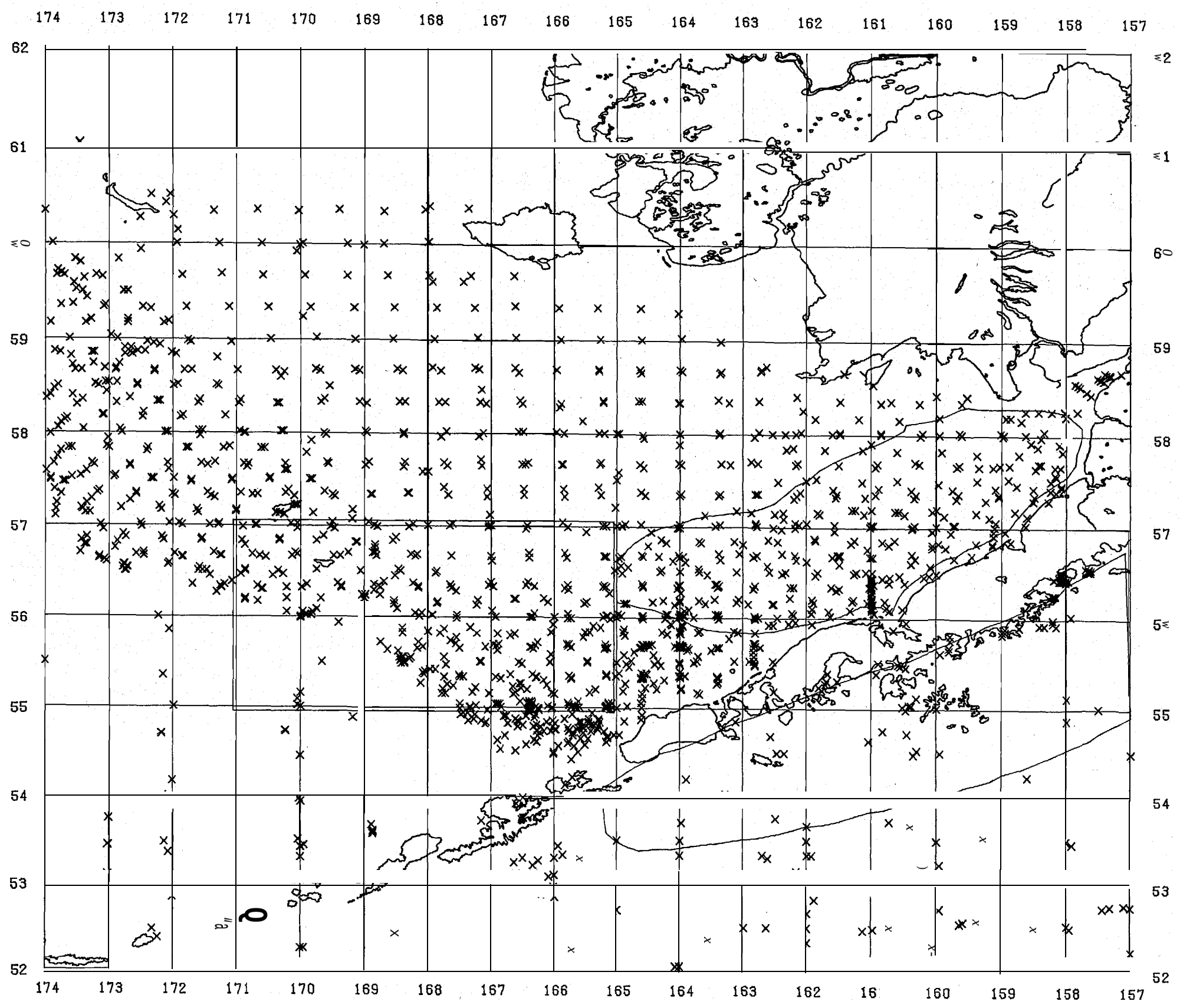
FILE TYPE 022 - SALINITY/
TEMPERATURE/DEPTH - STD

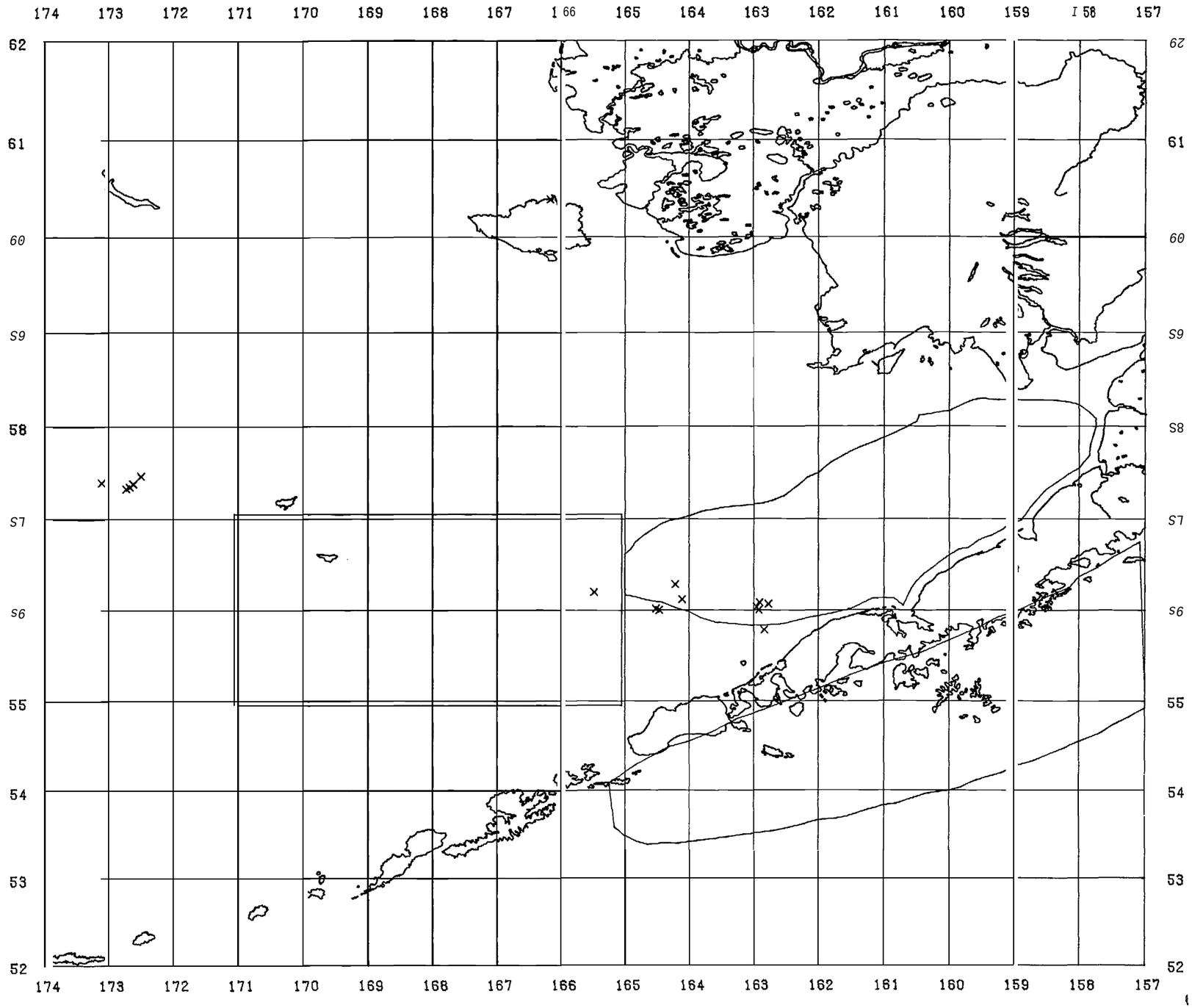
OF POINTS PLOTTED 1399

FILE TYPE 023
FISH RESOURCE ASSESSMEN

OF PO NTS PLOTTED 1807

NOTE: DATA EVENTUALLY TO BE CONVERTED TO FILE TYPE 123-FISH/SHELLFISH RESOURCE ASSESSMENT.



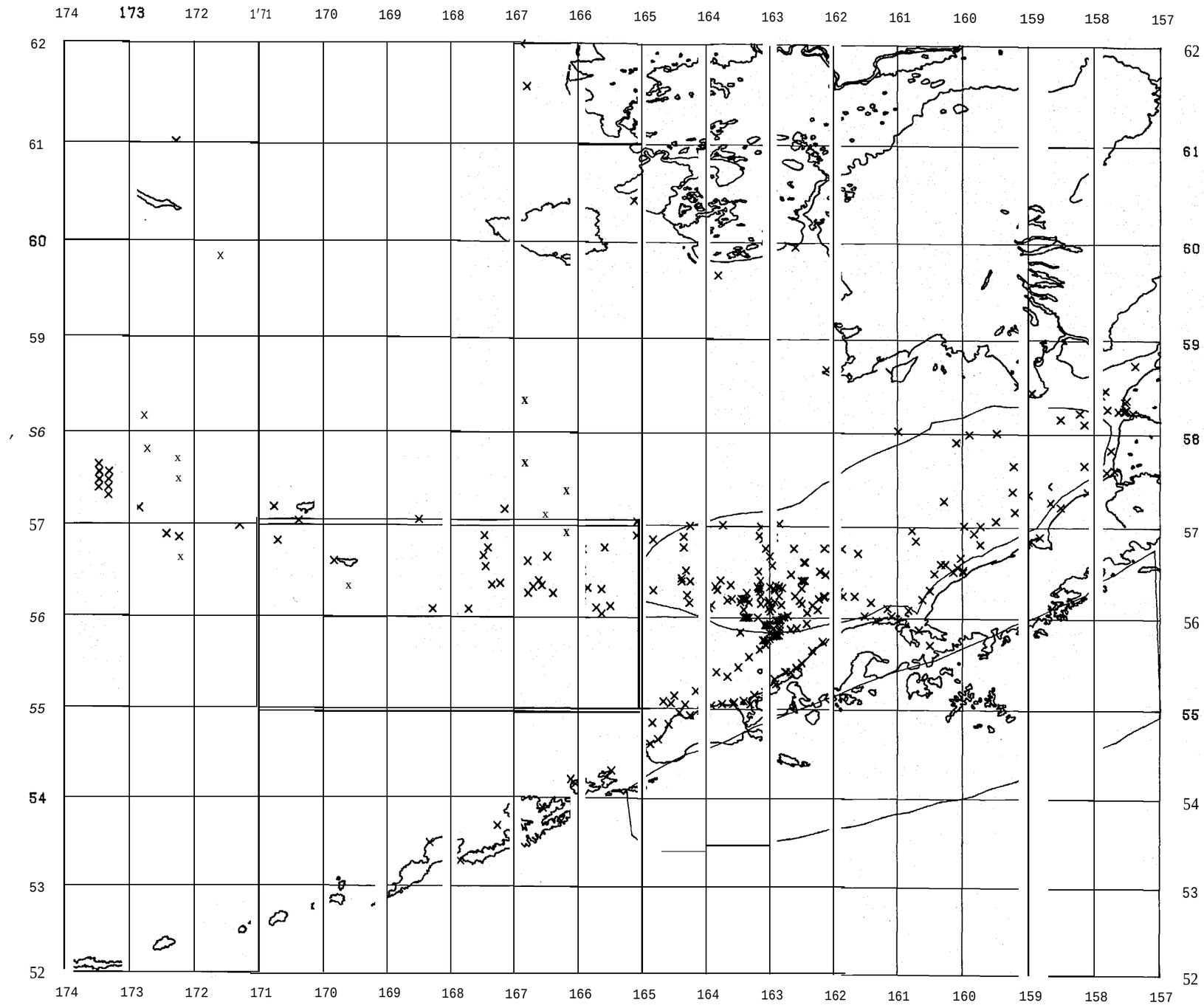


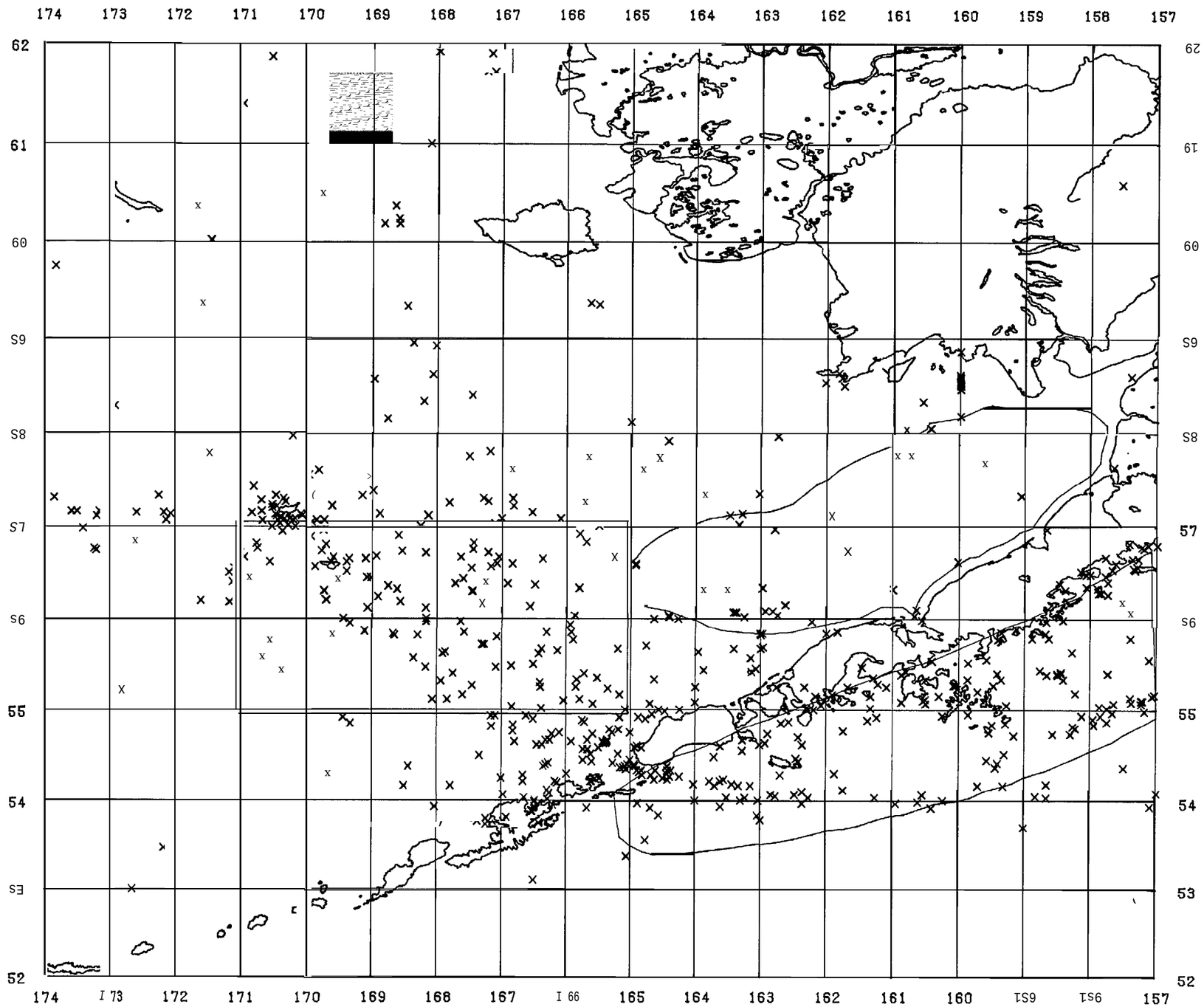
FILE TYPE 02S
MAMMAL SPECIMEN

OF POINTS PLOTTED 65

FILE TYPE 026 - MAMMAL
SIGHTINGS - SINGLE GROUPS

OF POINTS PLOTTED 377



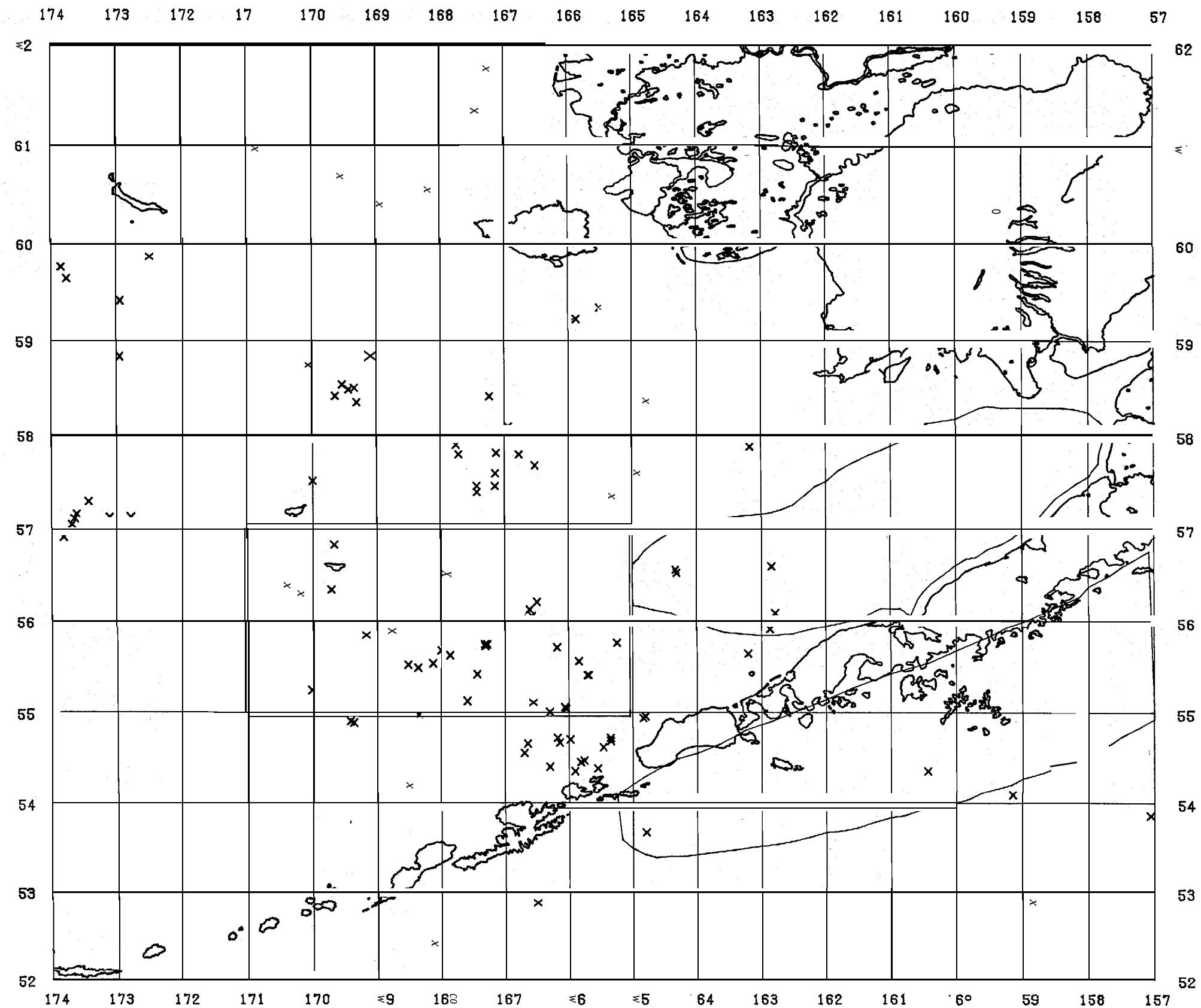


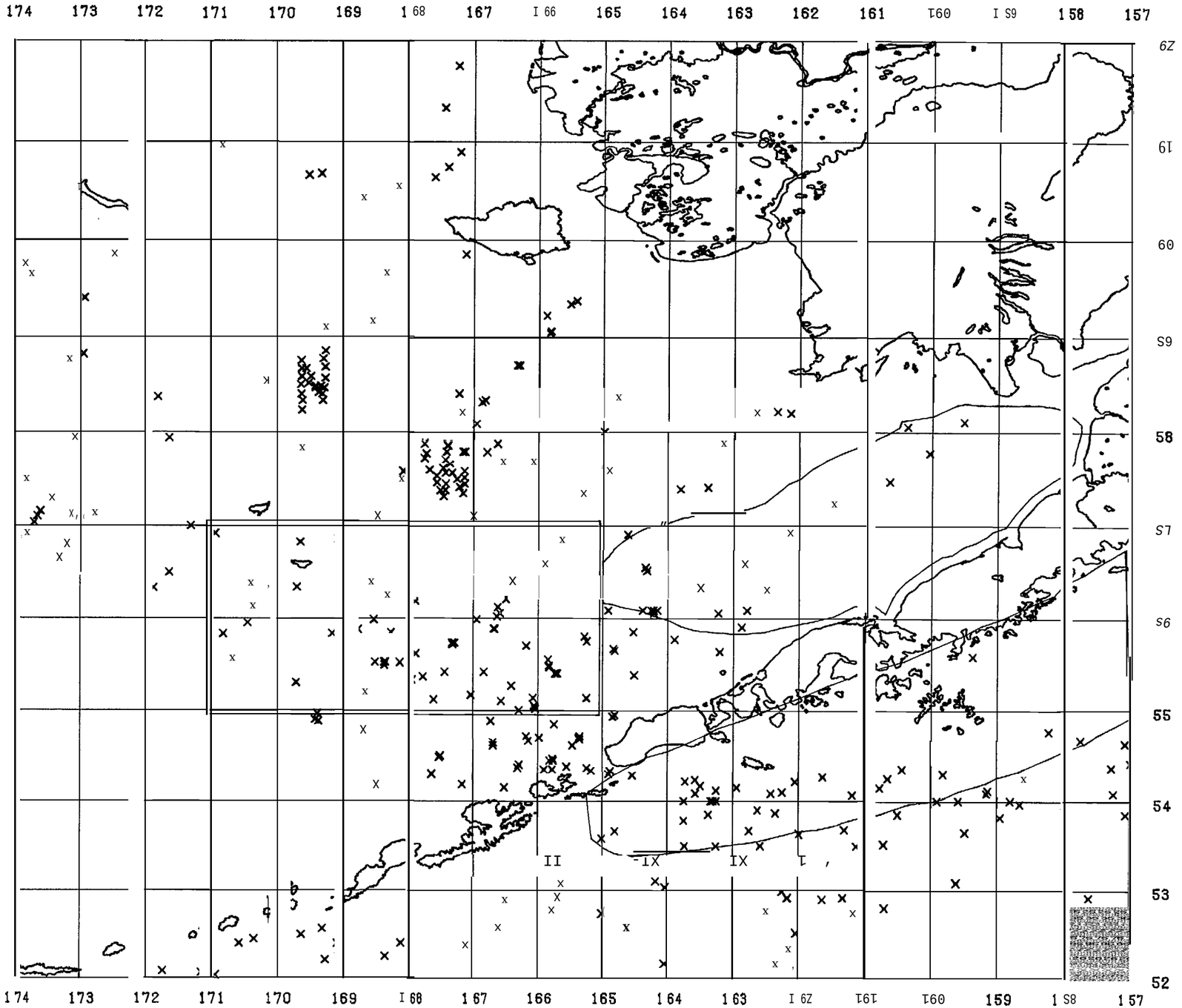
FILE TYPE 027 - MAMMAL SIGHTINGS-MULTIPLE GROUPS

OF POINTS PLOTTED 970

FILE TYPE 28
PHYTOPLANKTON SPECIES

OF POINTS PLOTTED 119



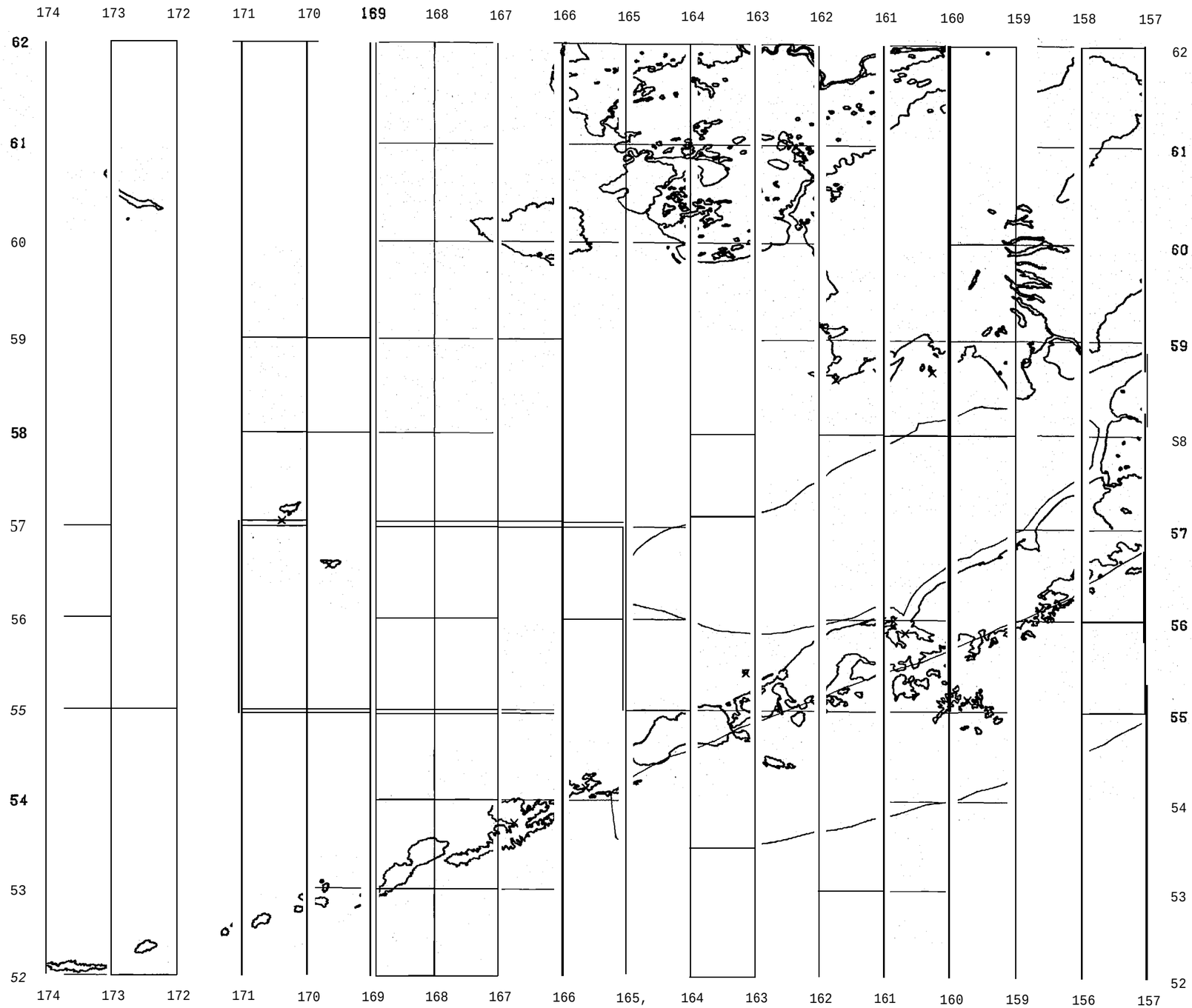


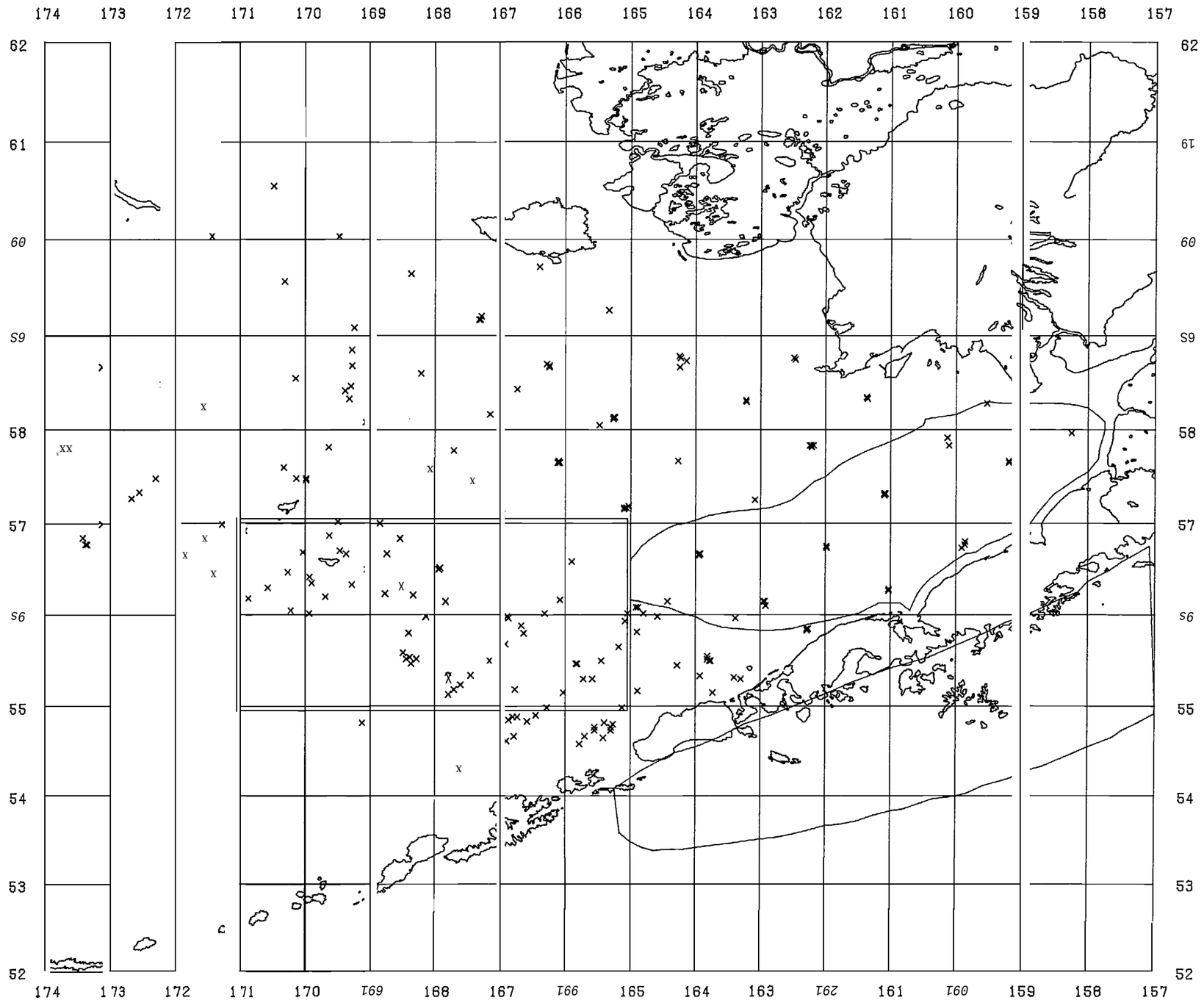
FILE TYPE 620
PRIMARY PRODUCTIVITY

OF POINTS PLOTTED 366

FILE TYPE 030
INTERTIDAL DATA

OF POINTS PLOTTED 13



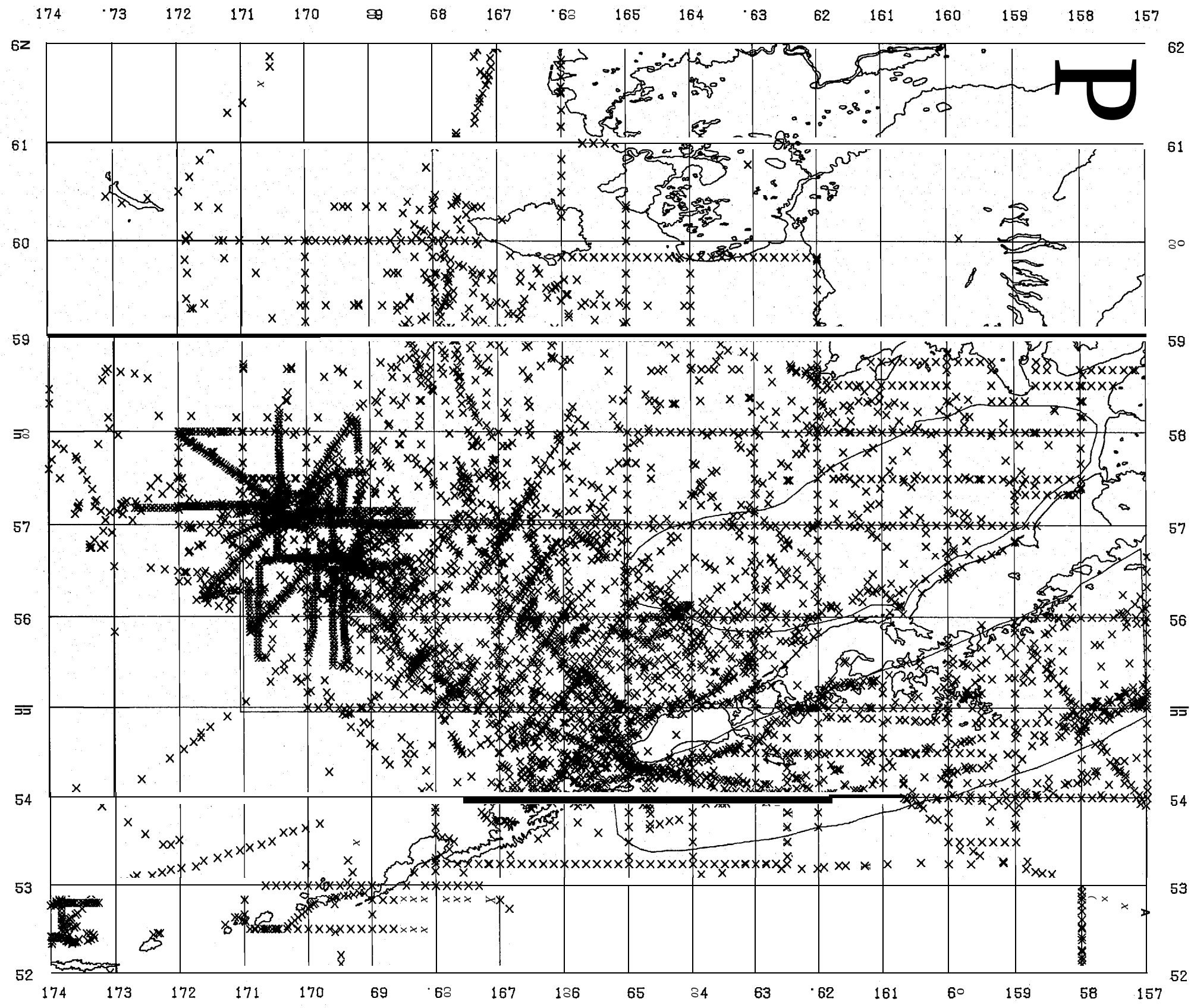


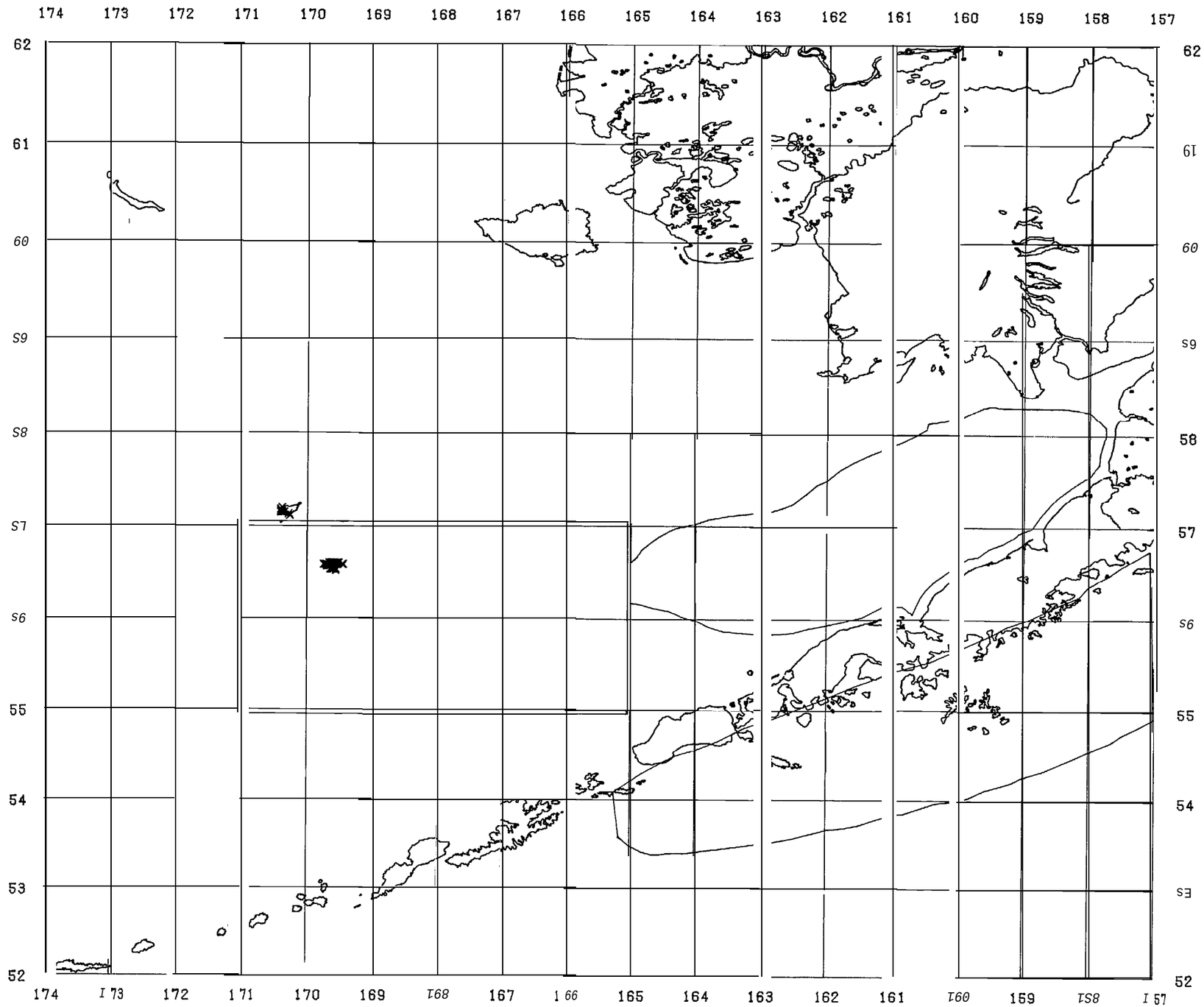
FILE TYPE 032
BENTHIC ORGANISMS

OF POINTS PLOTTED 242

FILE TYPE 033 - MARINE
BIRD SIGHTINGS, P'R/SHIP

OF POINTS PLOTTED 7023





FILE TYPE 034 - MARINE
BIRD SIGHTINGS, LAND

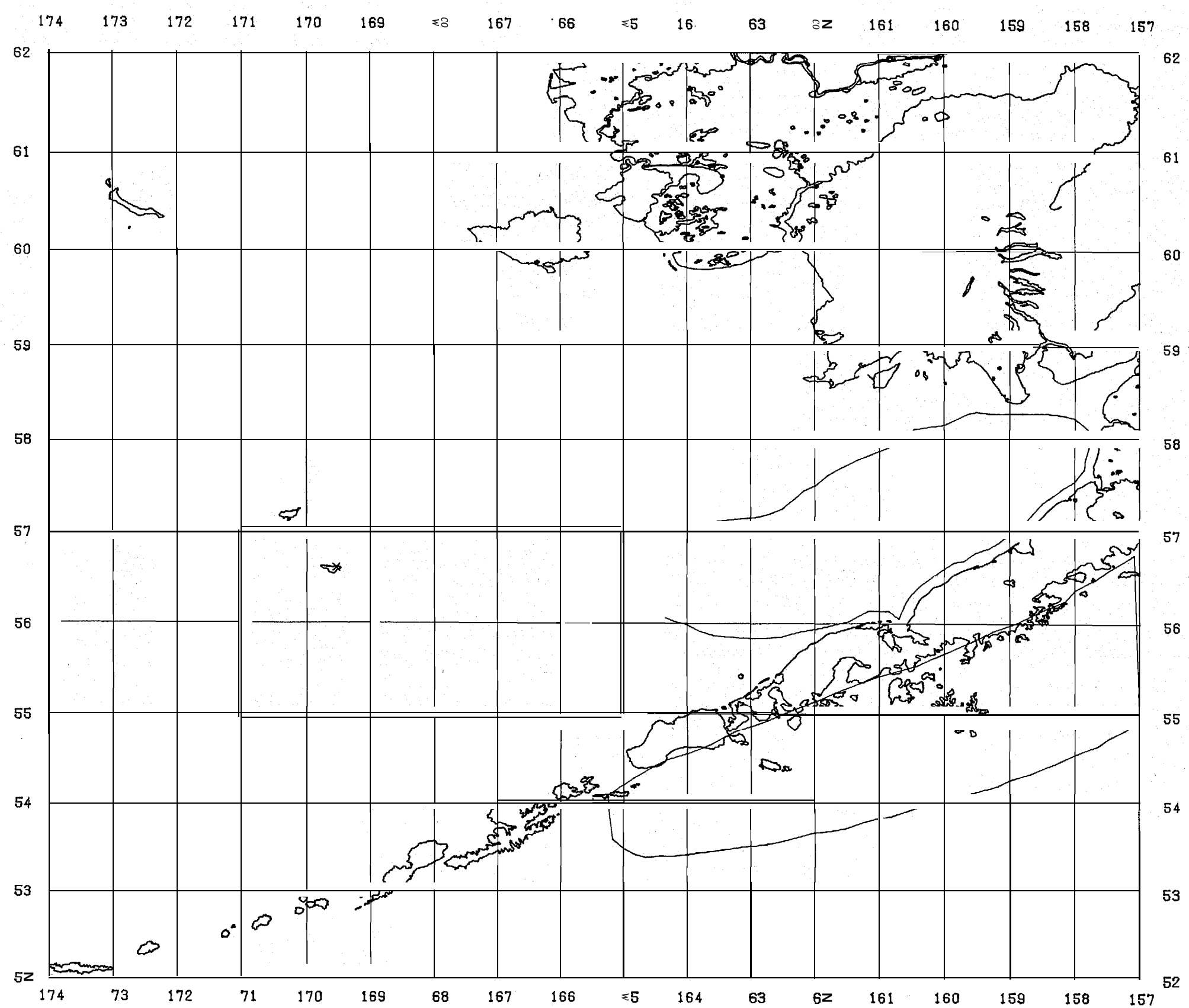
OF POINTS PLOTTED 2662

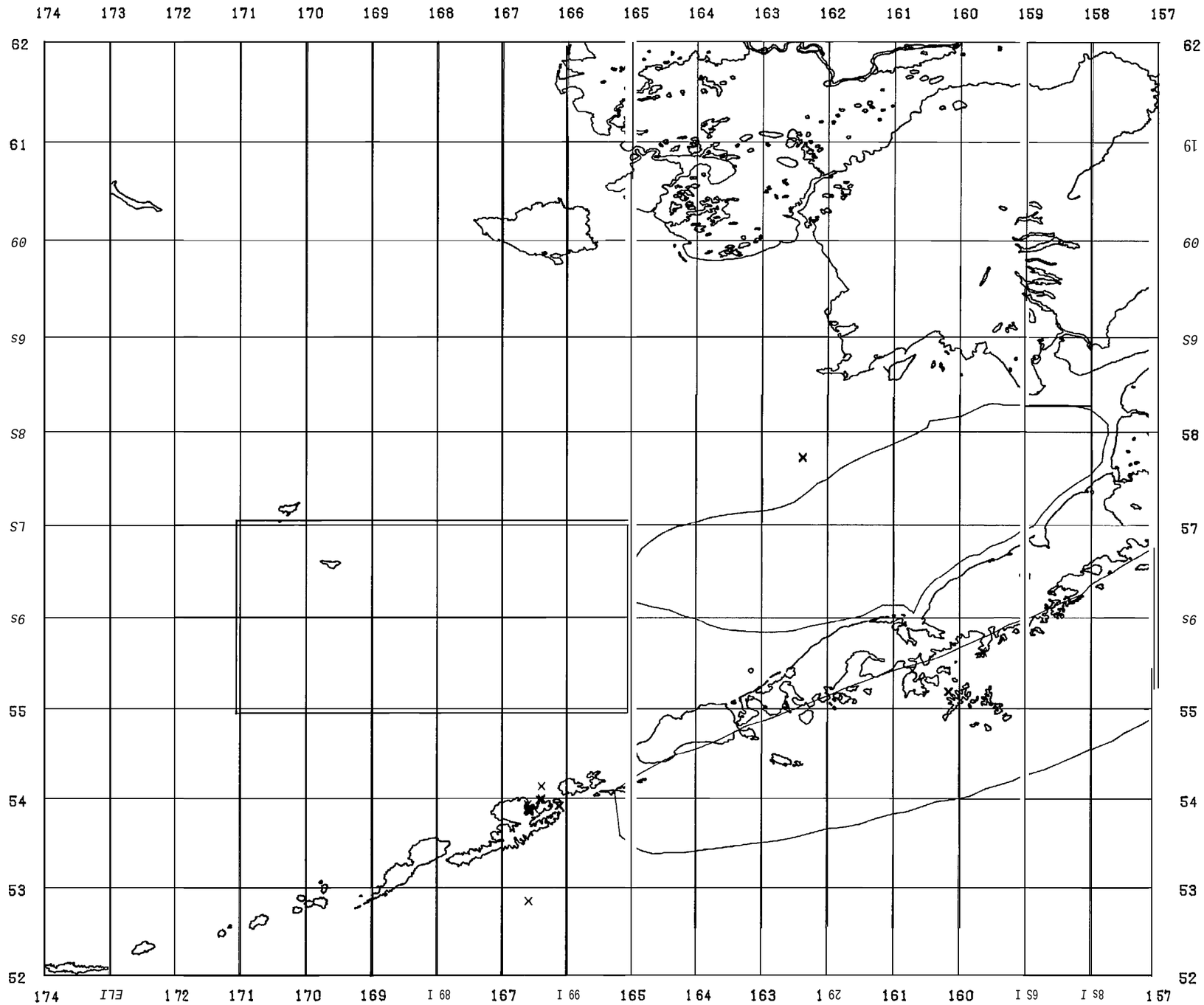
FILE TYPE 035

MARINE BIRD COLONY I

* OF POINTS PLOTTED 10

NOTE: EACH POINT REPRESENTS A SPECIFIC STUDY SITE, WITH A SINGLE "X" PLOTTED FOR EACH VISIT AND GENERALLY FOR EACH NEST STUDIED, RESULTING IN MULTIPLE POINTS PLOTTED AT THE SAME POSITION.



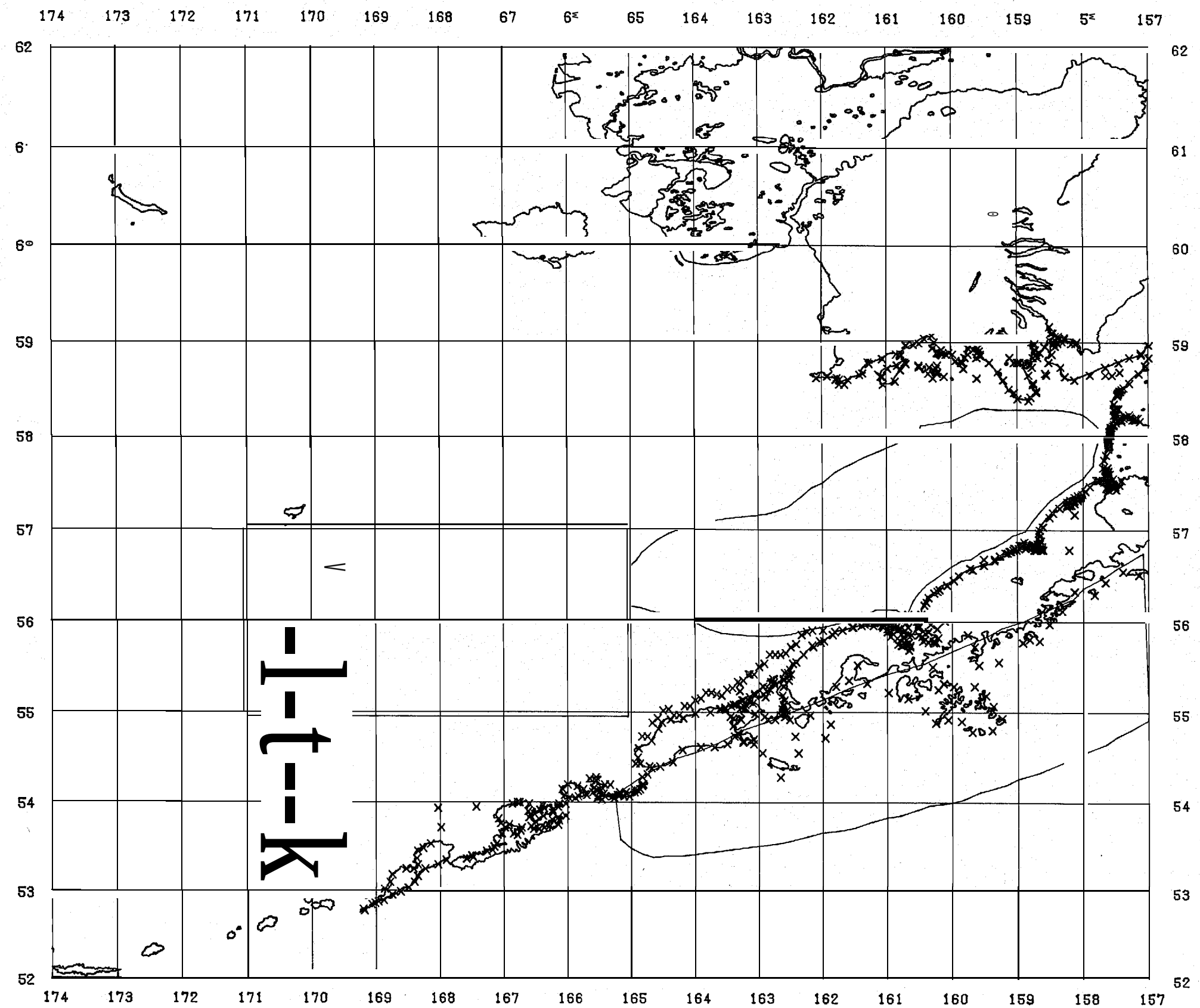


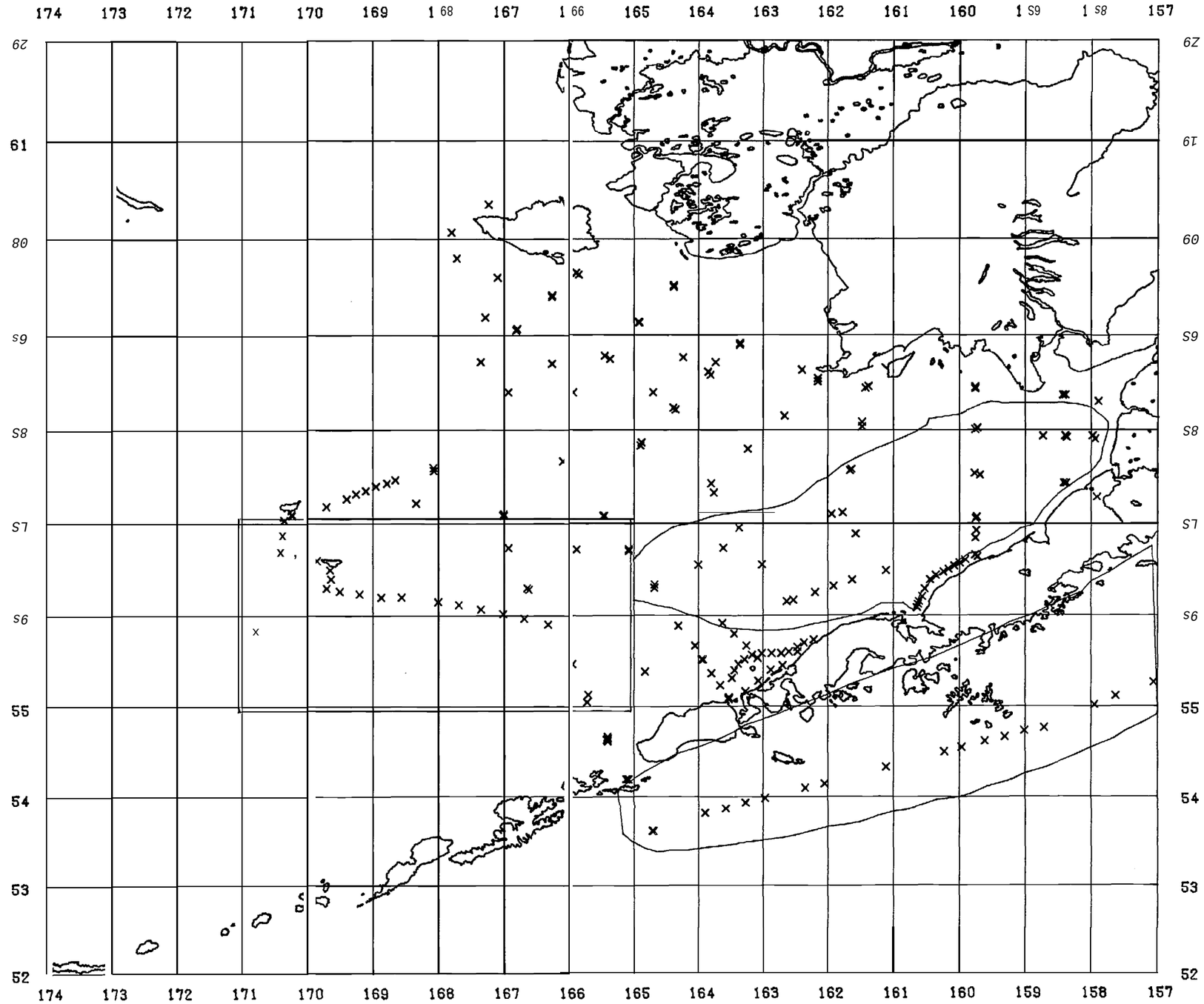
FILE TYPE 037
FEEDING FLOCK

OF POINTS PLOTTED 60

FIGURE TYPE 040
MARINE BIRD HABITAT

OF POINTS PLOTTED =75



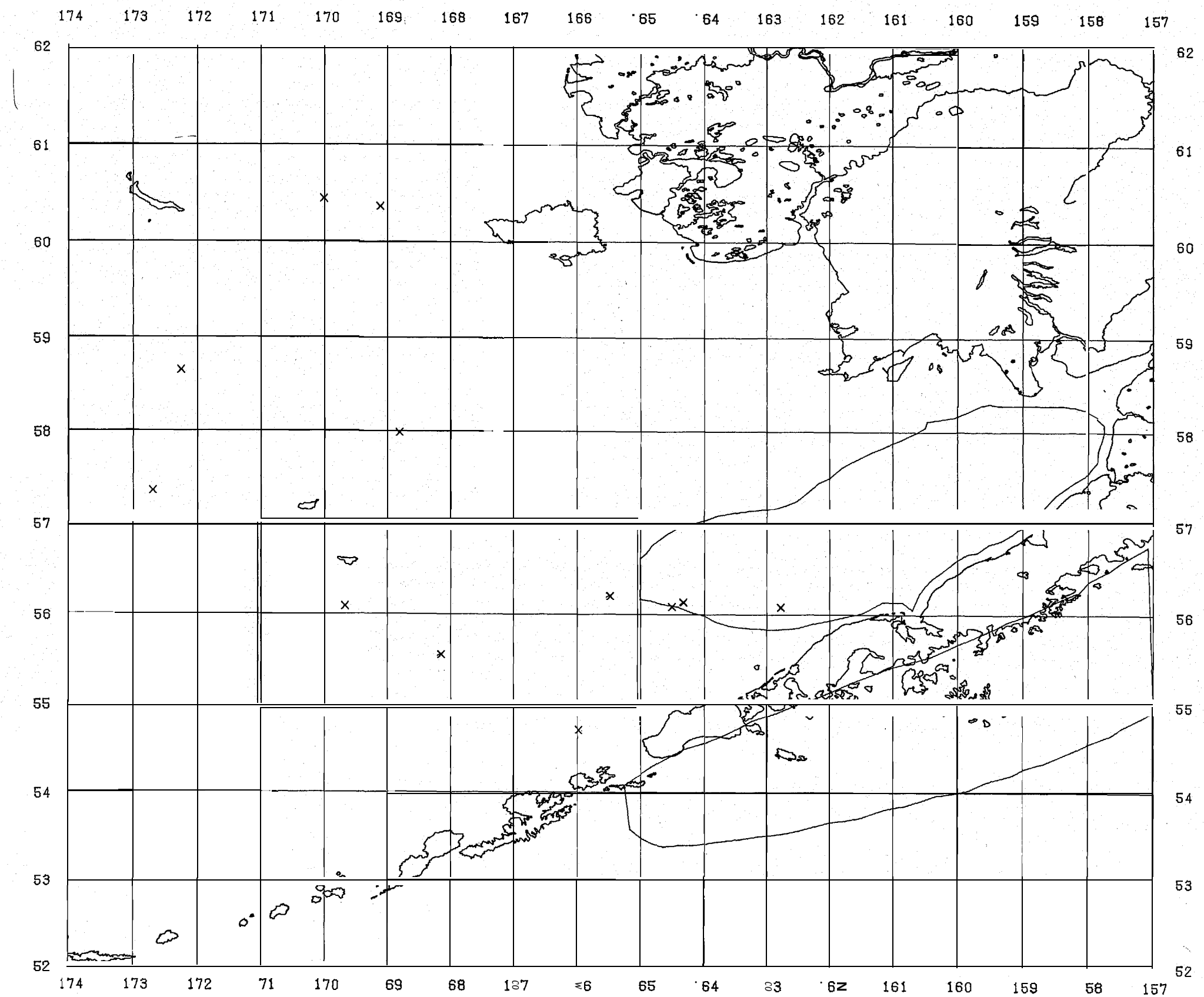


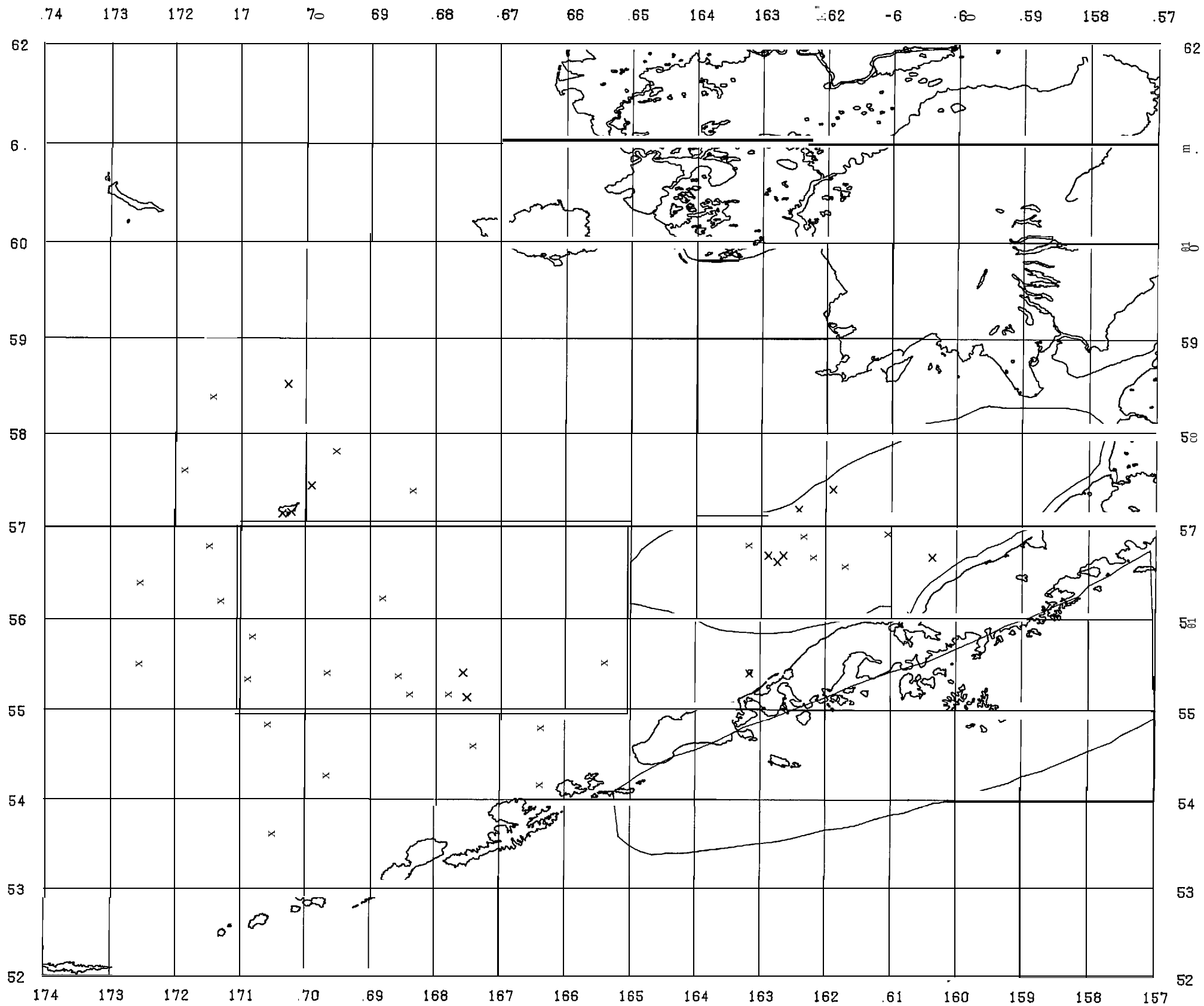
FILE TYPE 043
LIGHT HYDROCARBONS

OF POINTS PLOTTED 218

FILE TYPE 044
HEAVY HYDROCARBONS

OF POINTS PLOTTED 21





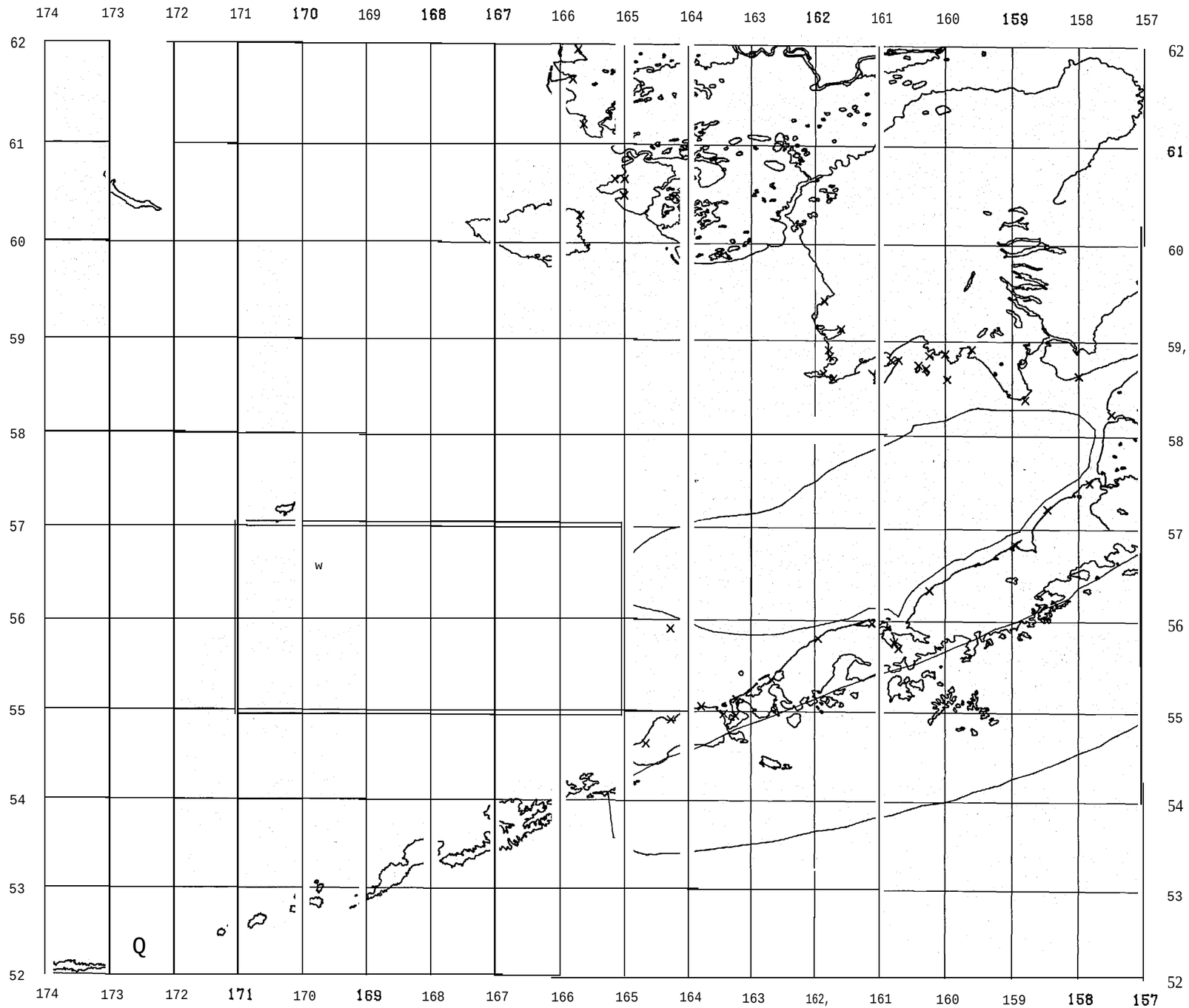
FILE TYPE 053
LAGRANGIAN CURRENTS

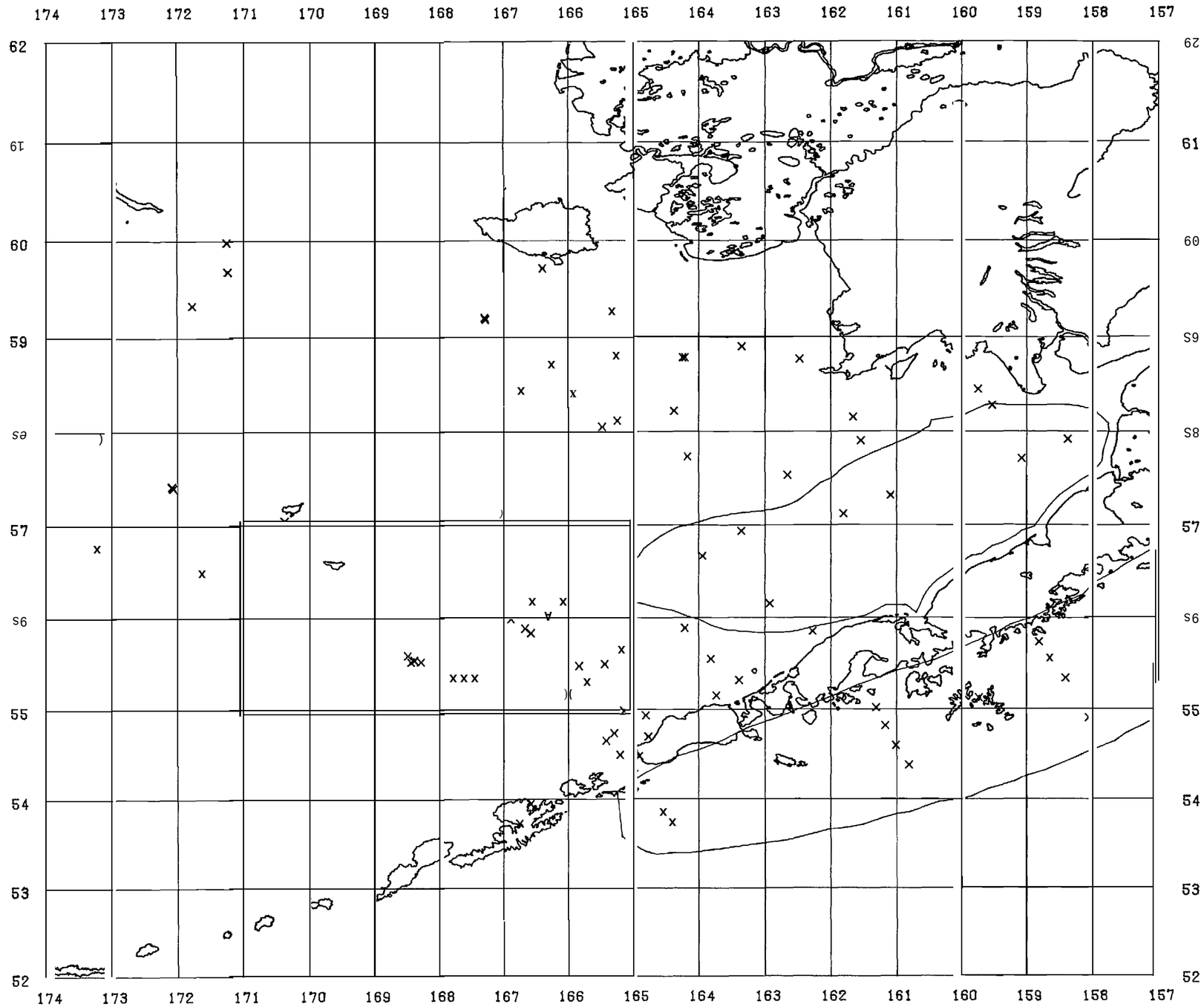
OF POINTS PLOTTED 5.

NOTE: A POINT IS PLOTTED ON THIS CHART FOR INITIAL BUOY POSITIONS AND FOR THE FIRST OBSERVED POSITION IN EACH SUBSEQUENT MONTH FOR EACH BUOY

FILE TYPE 057
HERRING SPAWNING

OF POINTS PLOTTED 356





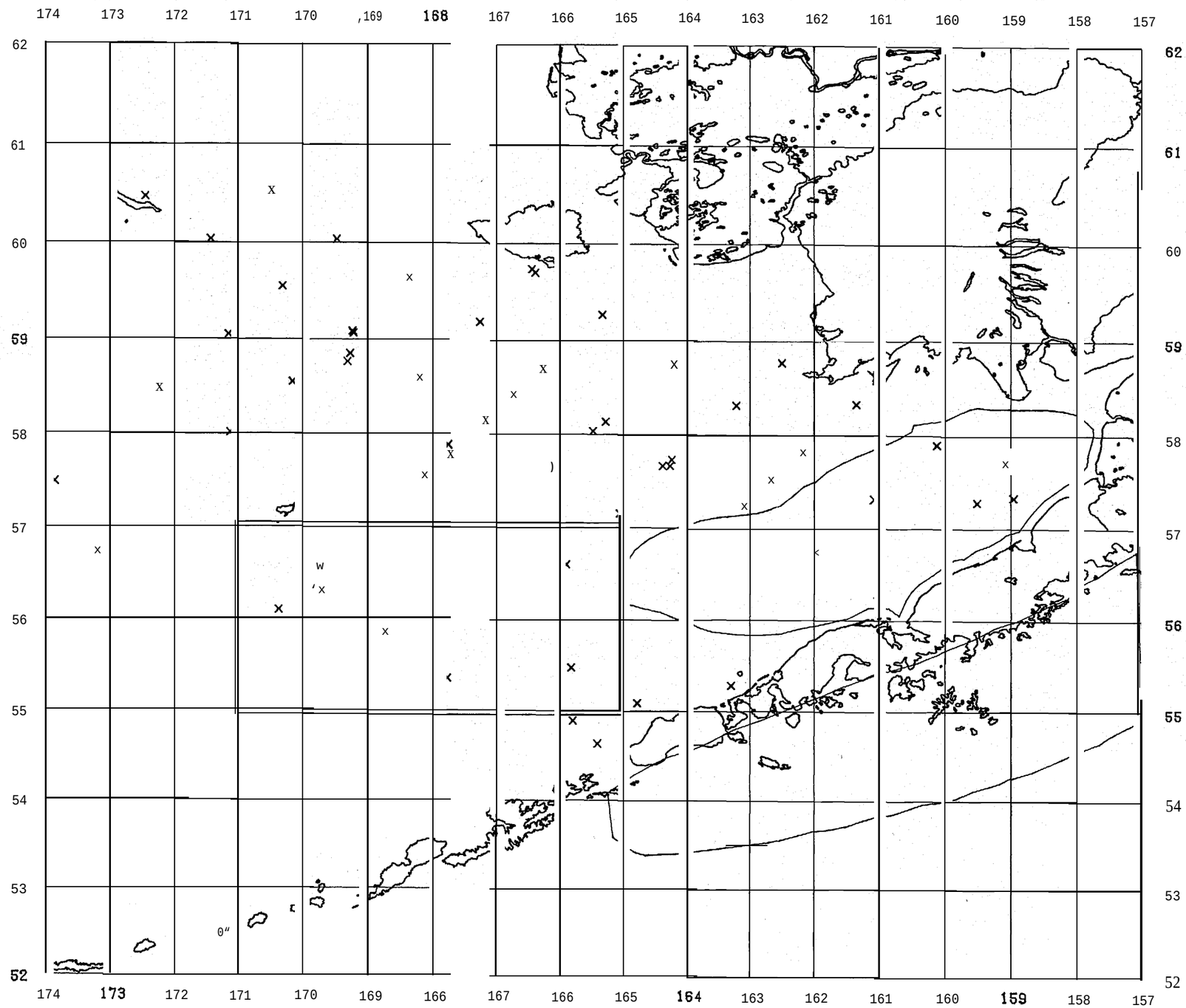
FILE TYPE 061
TRACE ELEMENTS

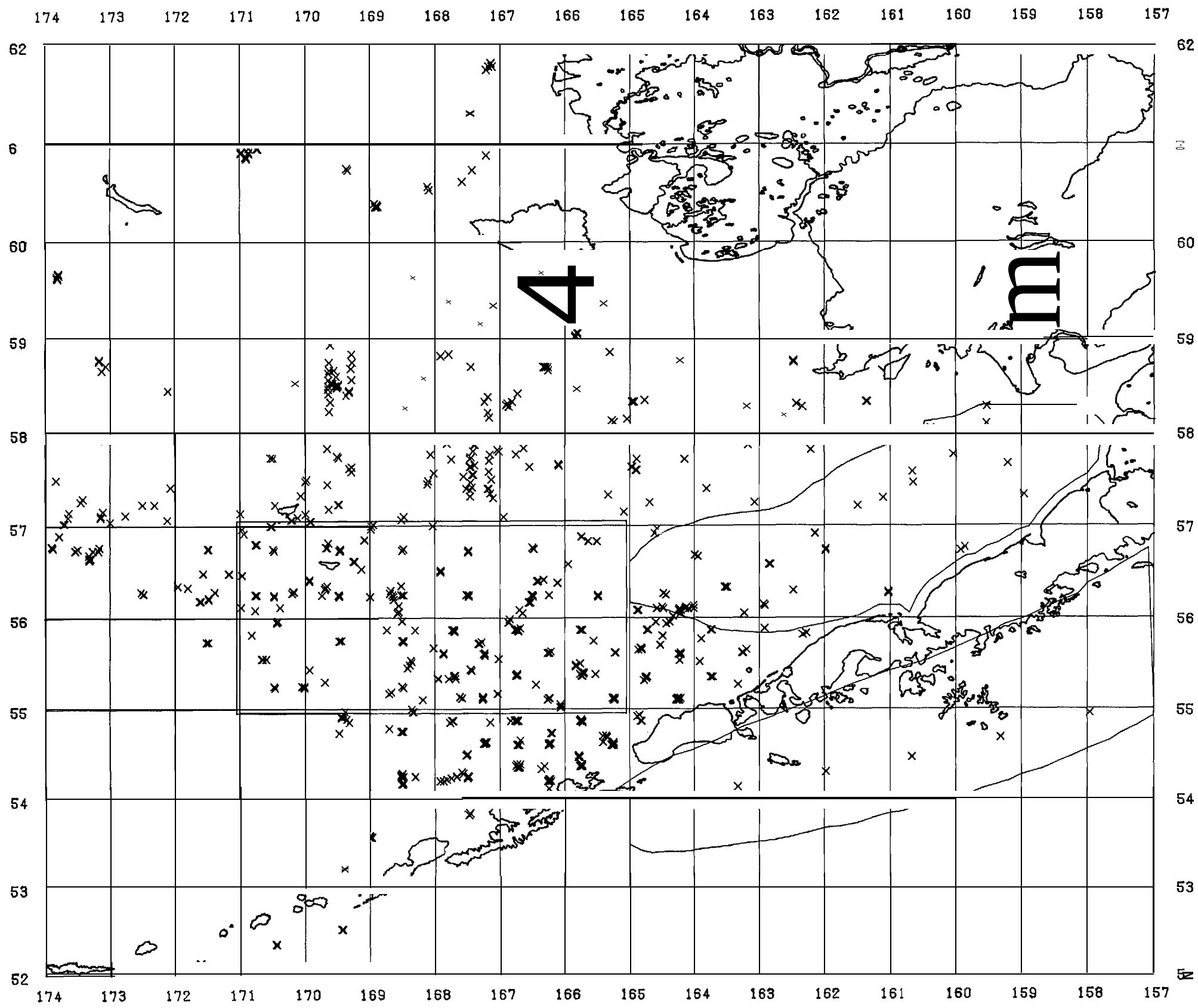
OF POINTS PLOTTED 109

FILE TYPE 073
GRAIN SIZE ANALYSIS

OF POINTS PLOTTED 71

NOTE: DATA HELDAT THE NATIONAL GEO-PHYSICAL AND SOLAR-TERRESTRIAL DATA CENTER (NGSDC), IN BOULDER, COLORADO.





FILE TYPE 124
ZOOPLANKTON II

OF POINTS PLOTTED 36.

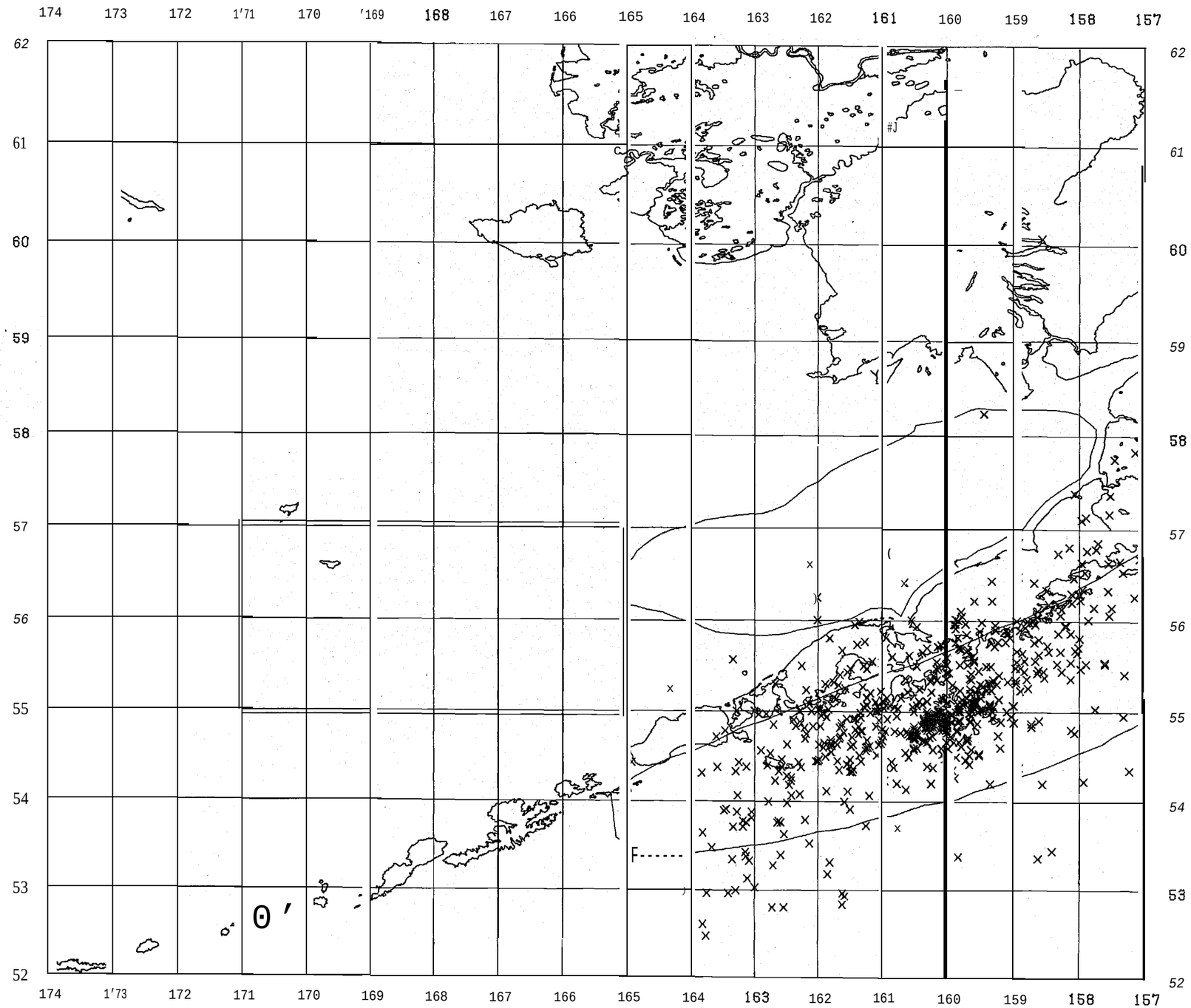
NOTE: SEE FILE TYPE 024 FOR ADDITIONAL ZOOPLANKTON DATA.

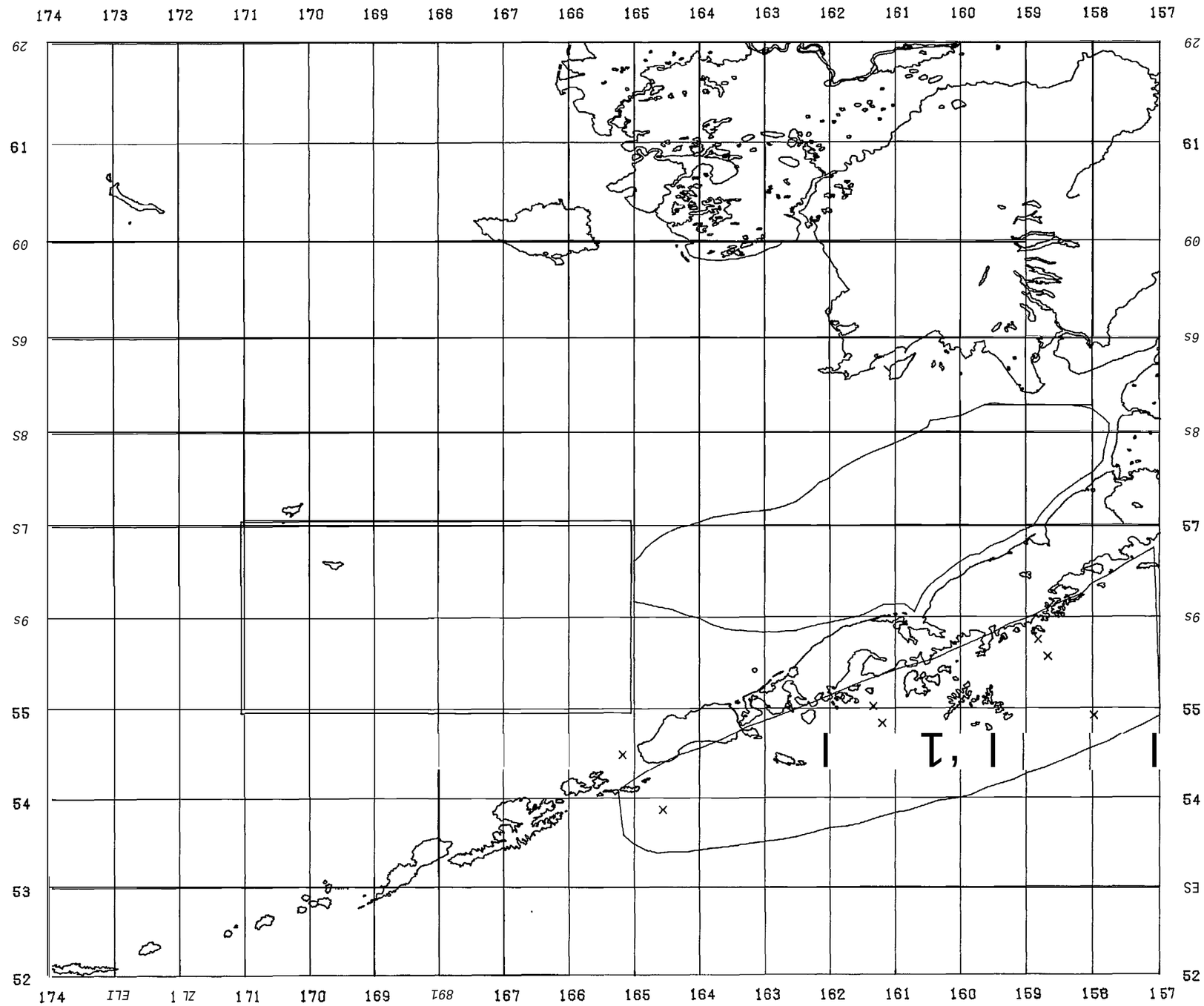
FILE TYPE 401

EPICENTER DATA

* OF POINTS PLOTTED 693

NOTE : DATA HELD AT THE NATIONAL GEOPHYSICAL AND SOLAR-TERRESTRIAL DATA CENTER (NGSDC), IN BOULDER, COLORADO.

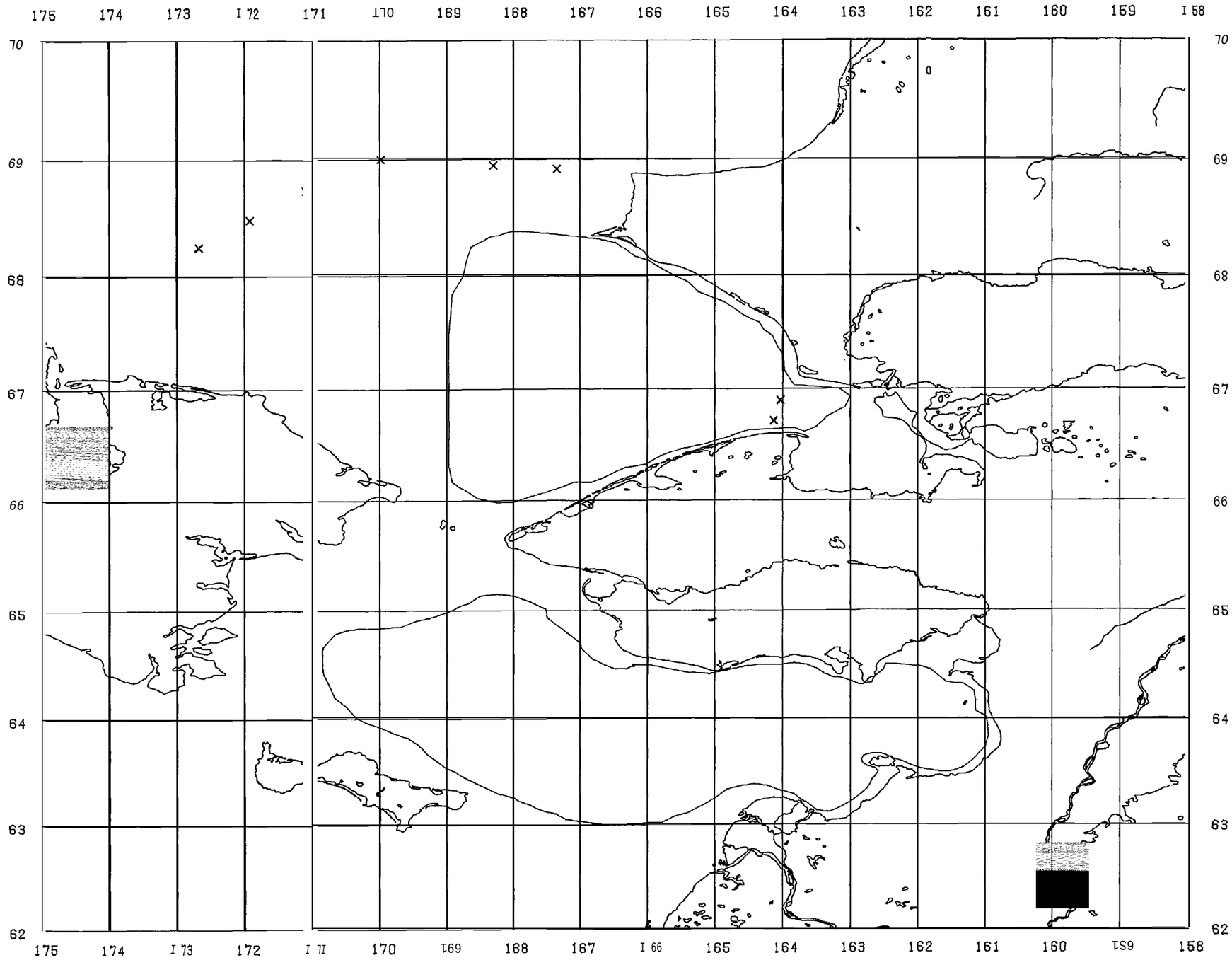




FILE TYPE 402
MICROBIOLOGY

OF POINTS PLOTTED 10

NOTE: DATA HELD AT THE NATIONAL IN, STITUTES OF HEALTH (NIH), IN BETHESDA, MARYLAND.



FILE TYPE 015
CURRENT METERS

OF POINTS PLOTTED 82

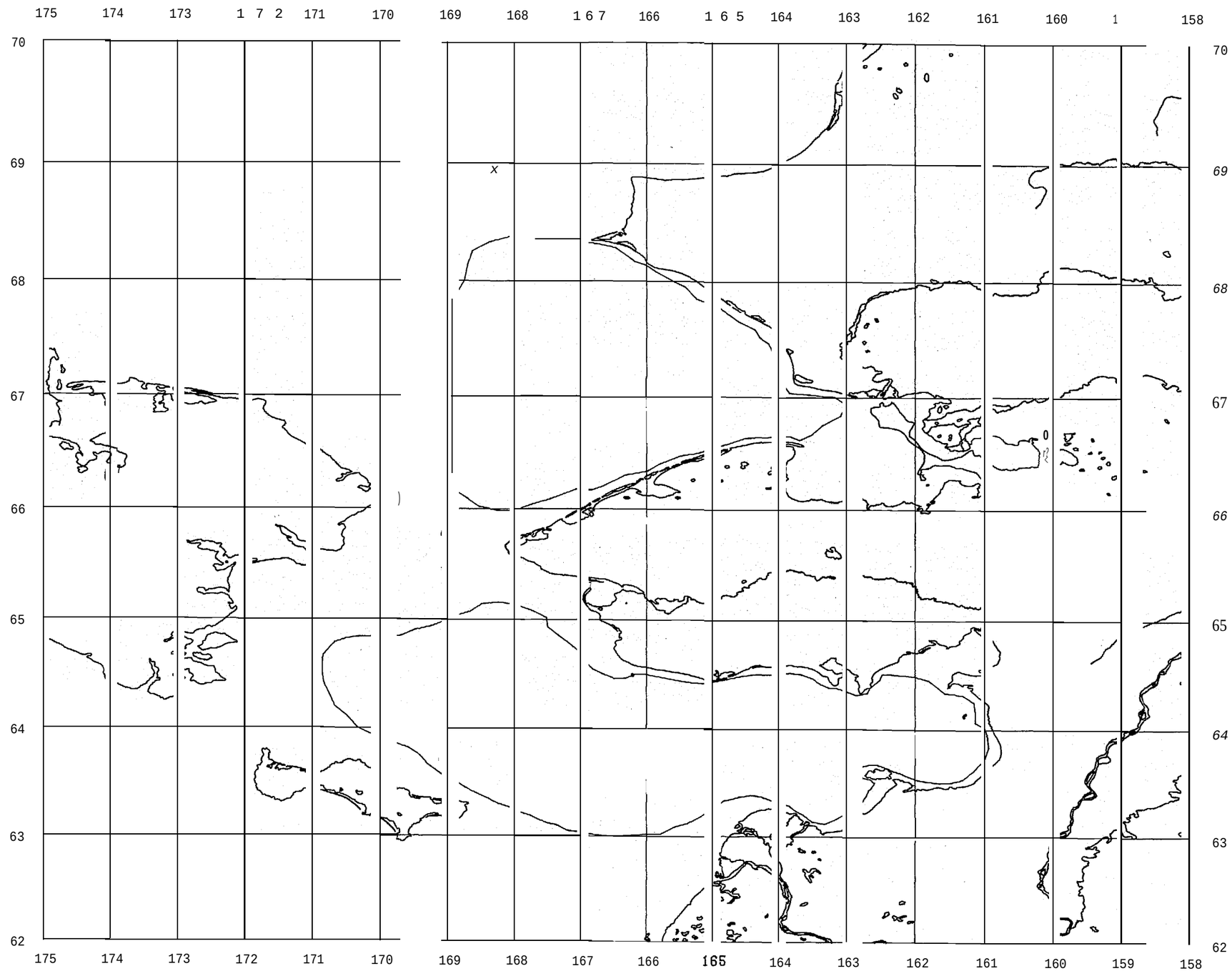
NOTE: EACH POINT REPRESENTS A LOCATION OF TIME SERIES DATA AND THEREFORE A SINGLE "X" REPRESENTS MANY OBSERVATIONS.

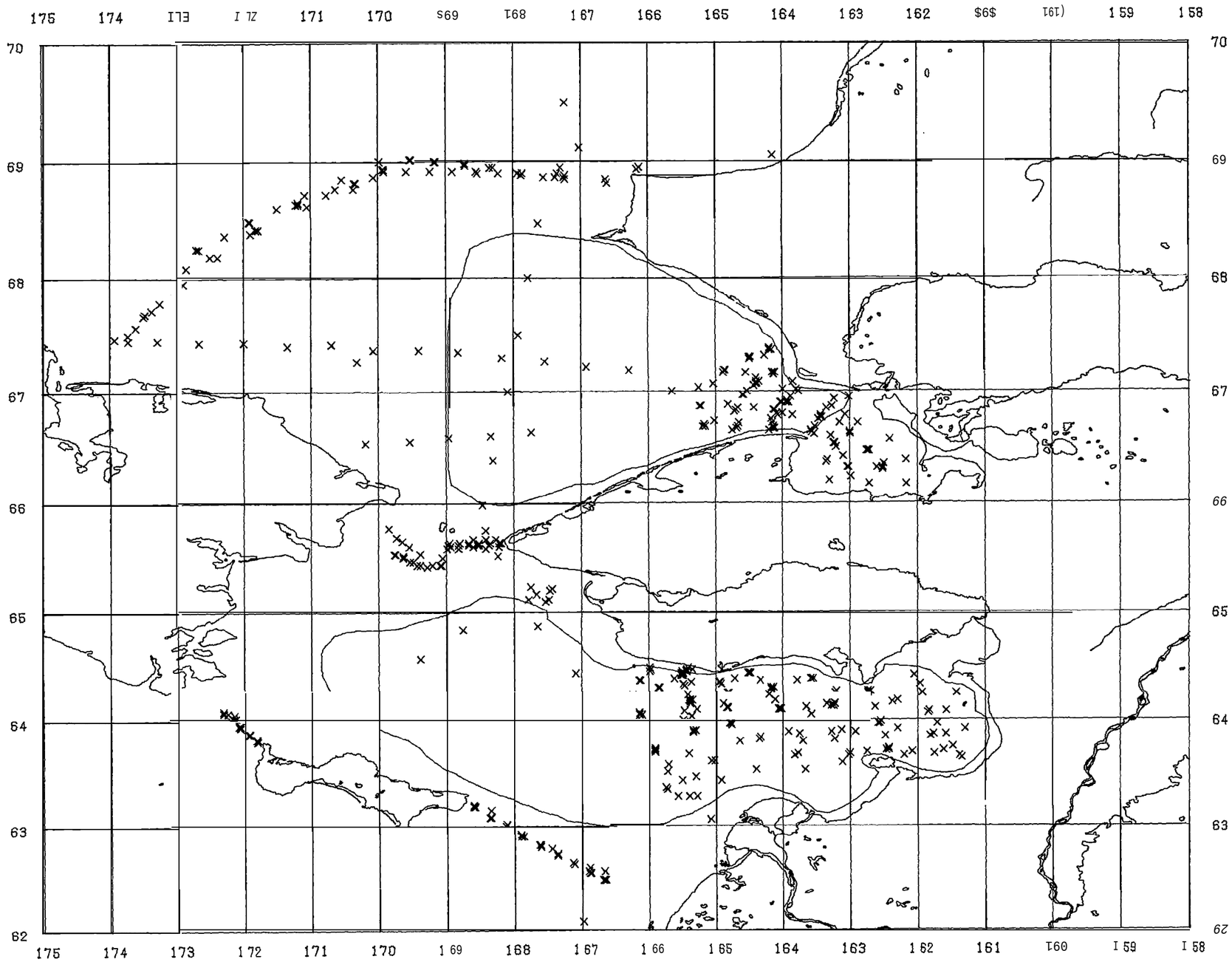
FILE TYPE 017

PRESSURE GAUGE

OF POINTS PLOTTED 9

NOTE : EACH POINT REPRESENTS A LOCATION OF TIME SERIES DATA AND THEREFORE A SINGLE "X" REPRESENTS MANY OBSERVATIONS.





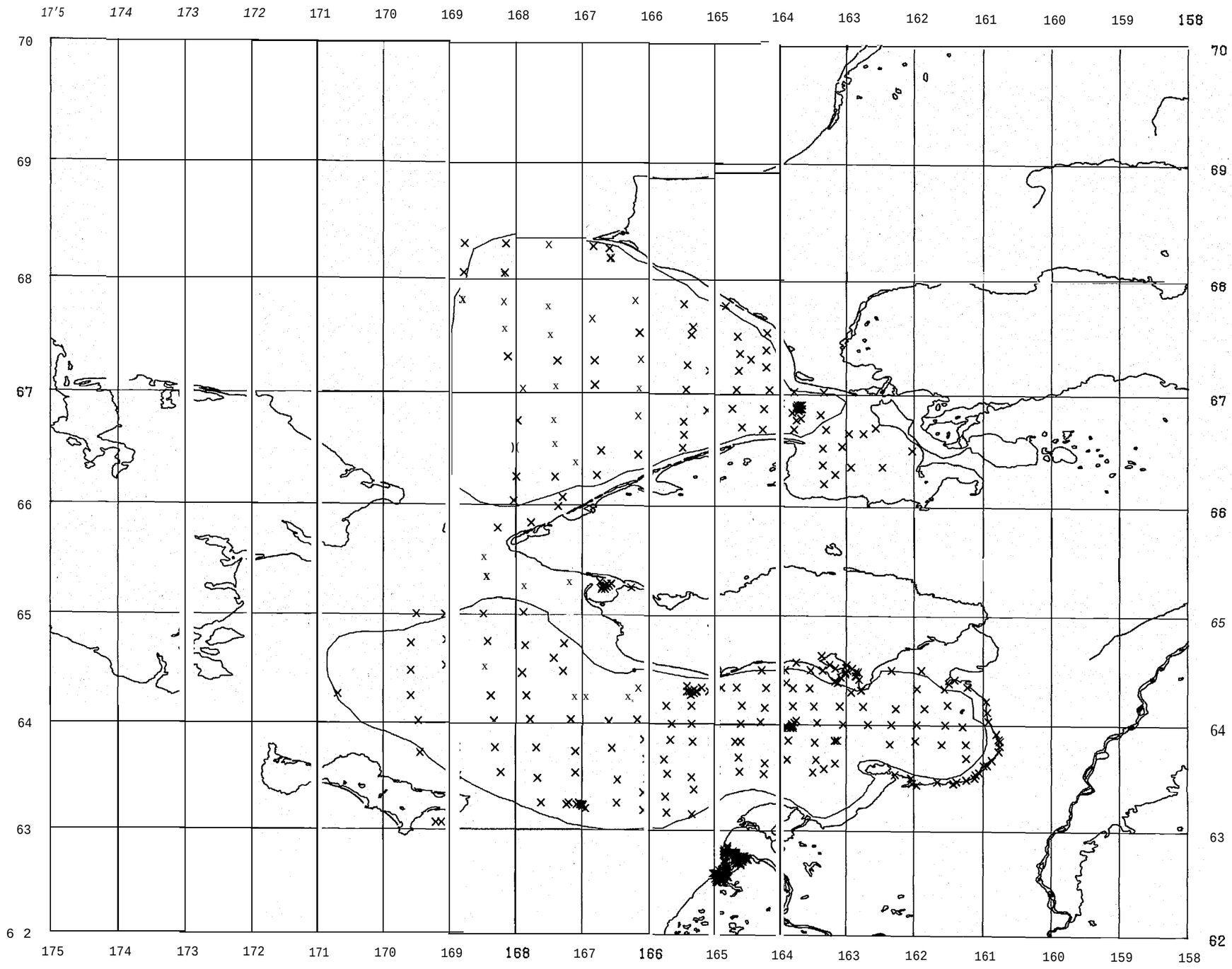
FILE TYPE 022 - SALINITY/
TEMPERATURE/DEPTH - 5111

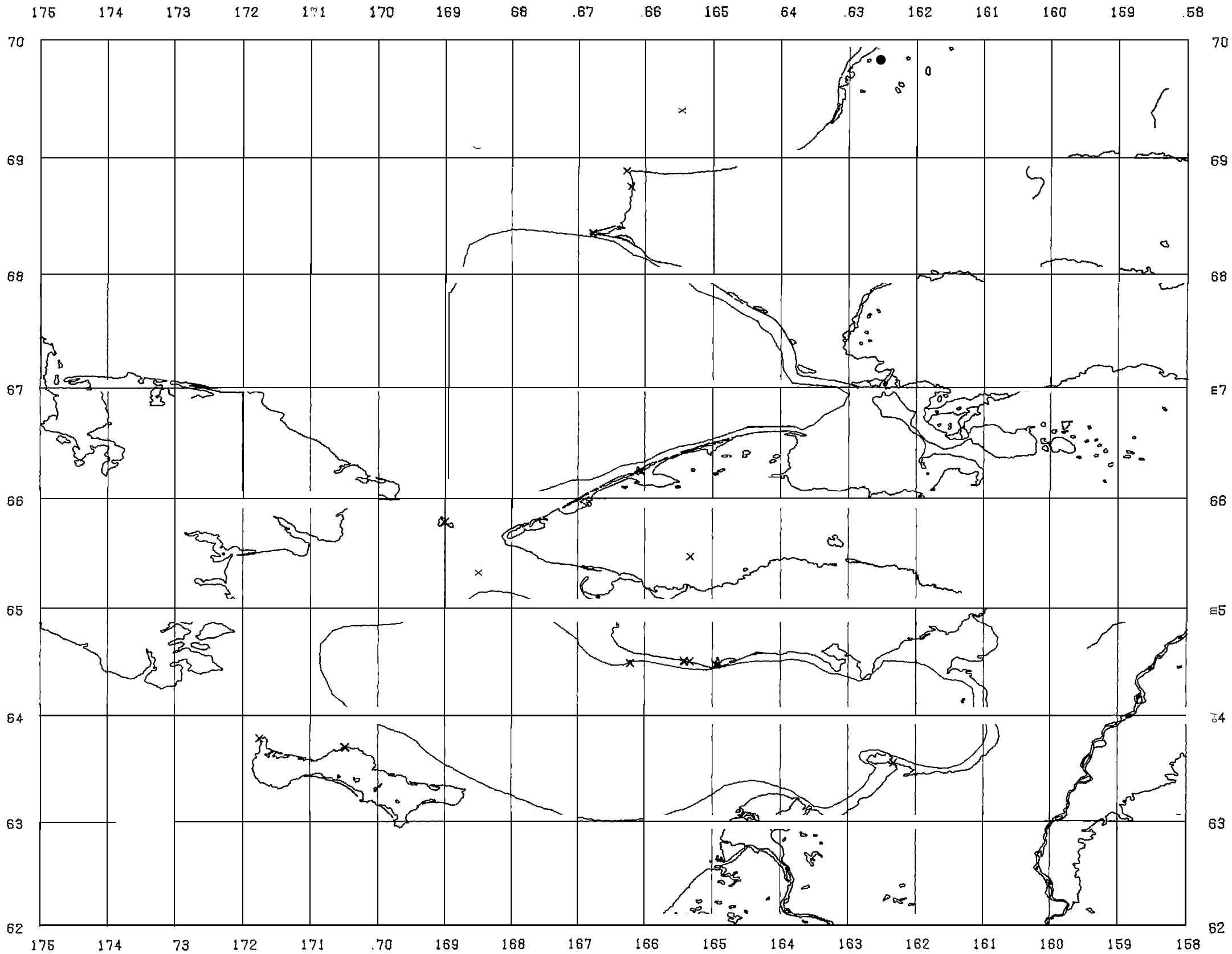
OF POINTS PLOTTED 552

FILE TYPE 023
FISH RESOURCE ASSESSMENT

OF POINTS PLOTTED 970

NOTE: DATA EVENTUALLY TO BE CONVERTED TO FILE TYPE 123-FISH/SHELLFISH RESOURCE ASSESSMENT.



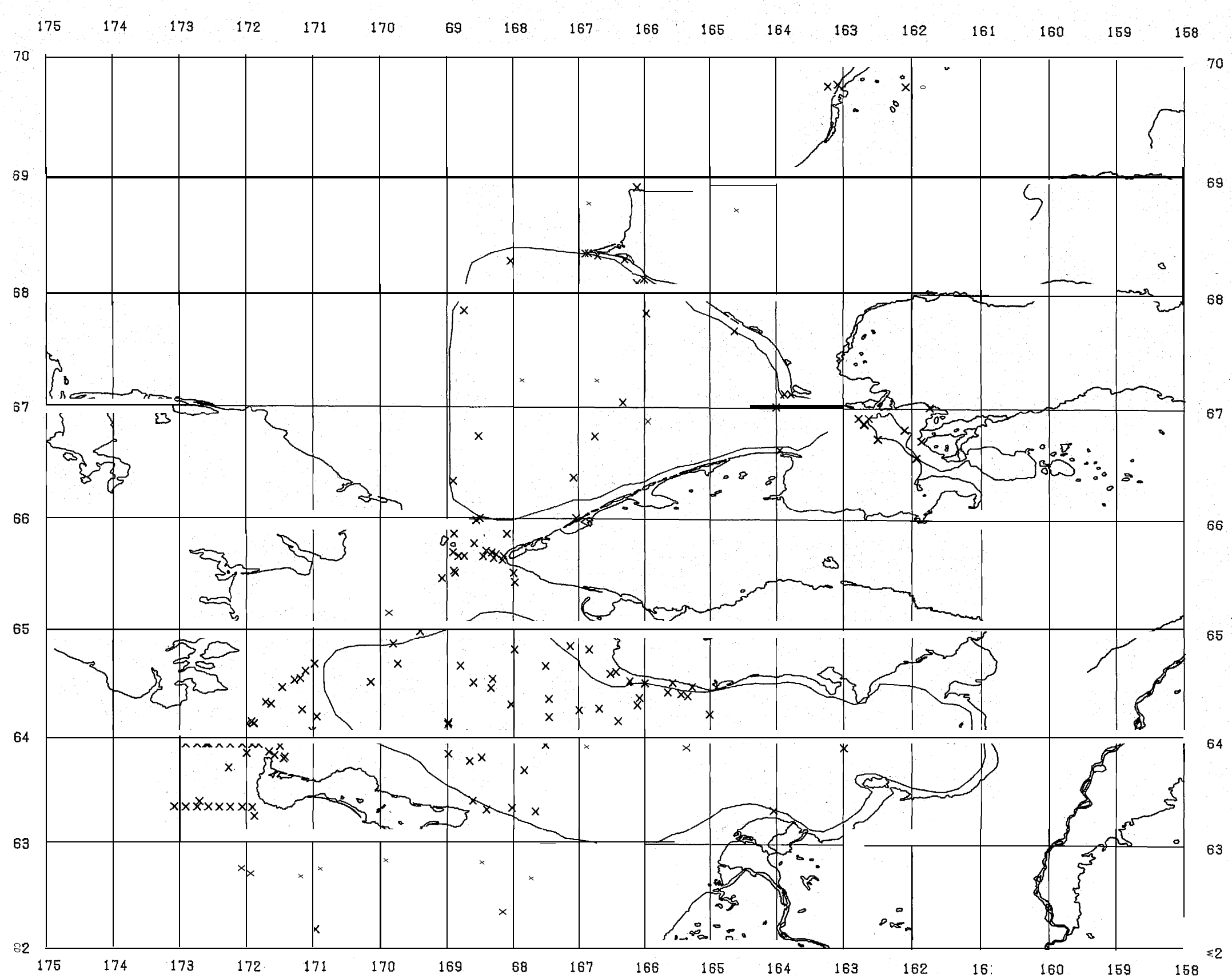


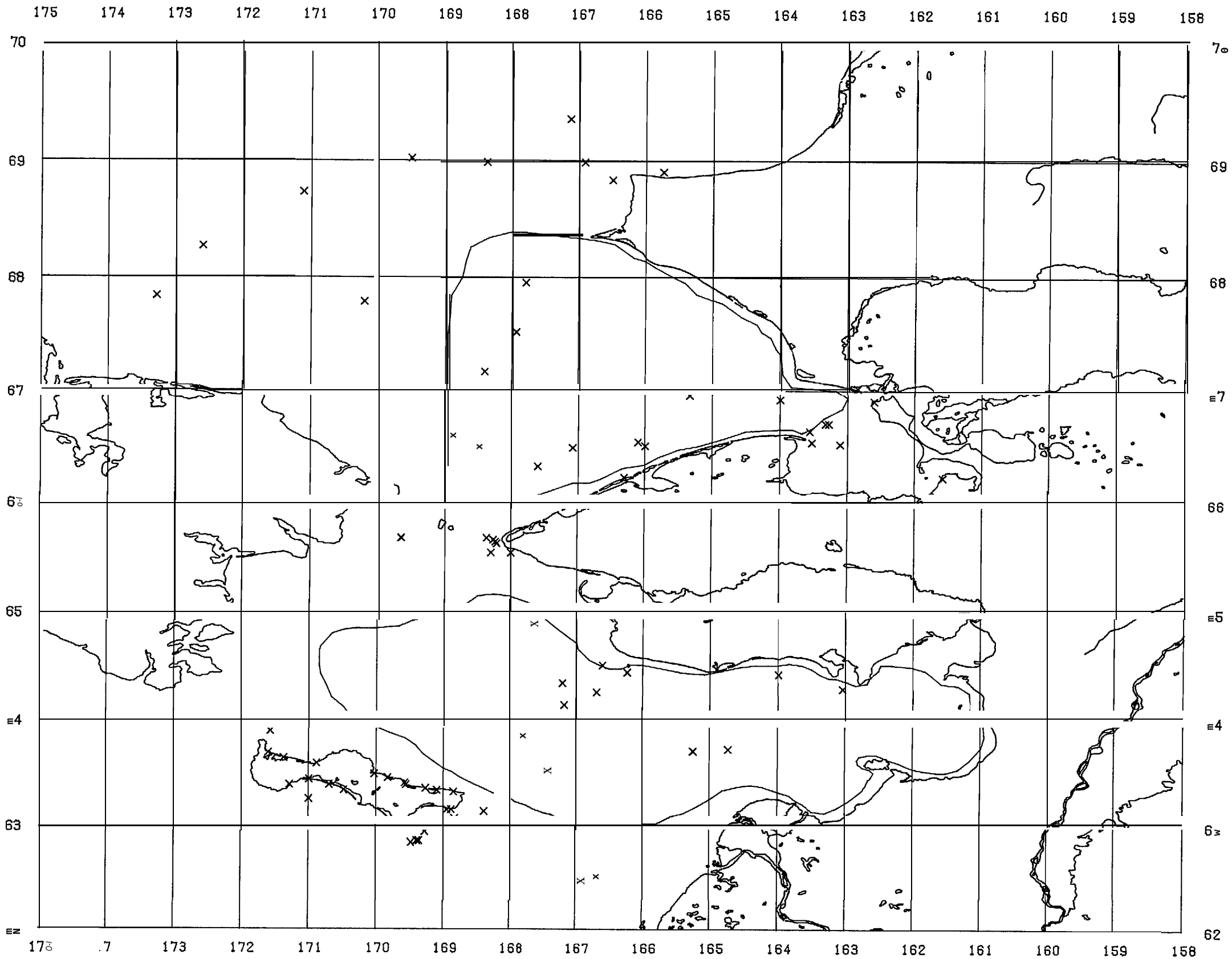
FILE TYPE 025
MAMMAL SPECIMEN

OF 90 NTS PLOTTED 354

FILE TYPE 026 - MAMMAL
SIGHTINGS - SINGLE GROUPS

OF POINTS PLOTTED 187



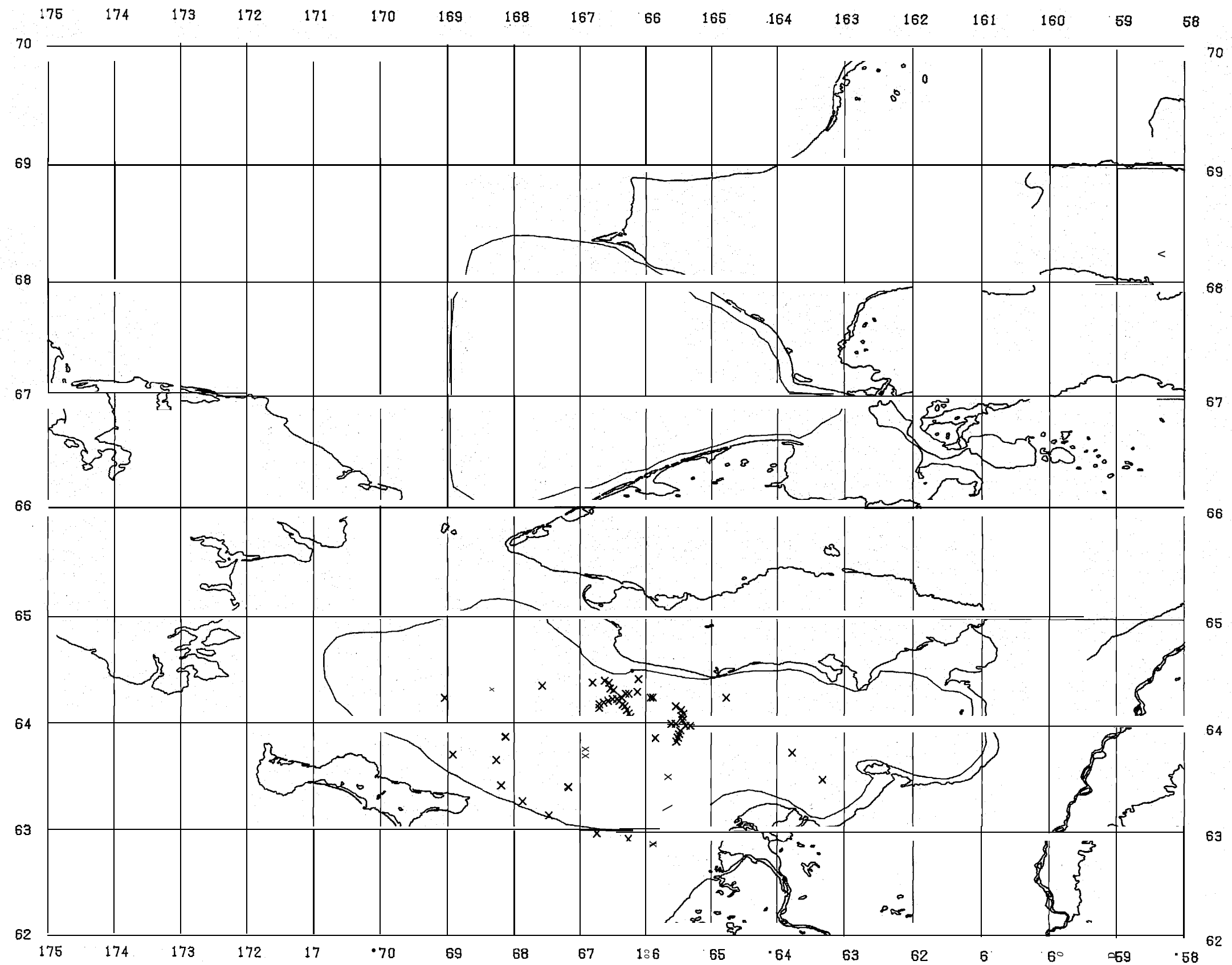


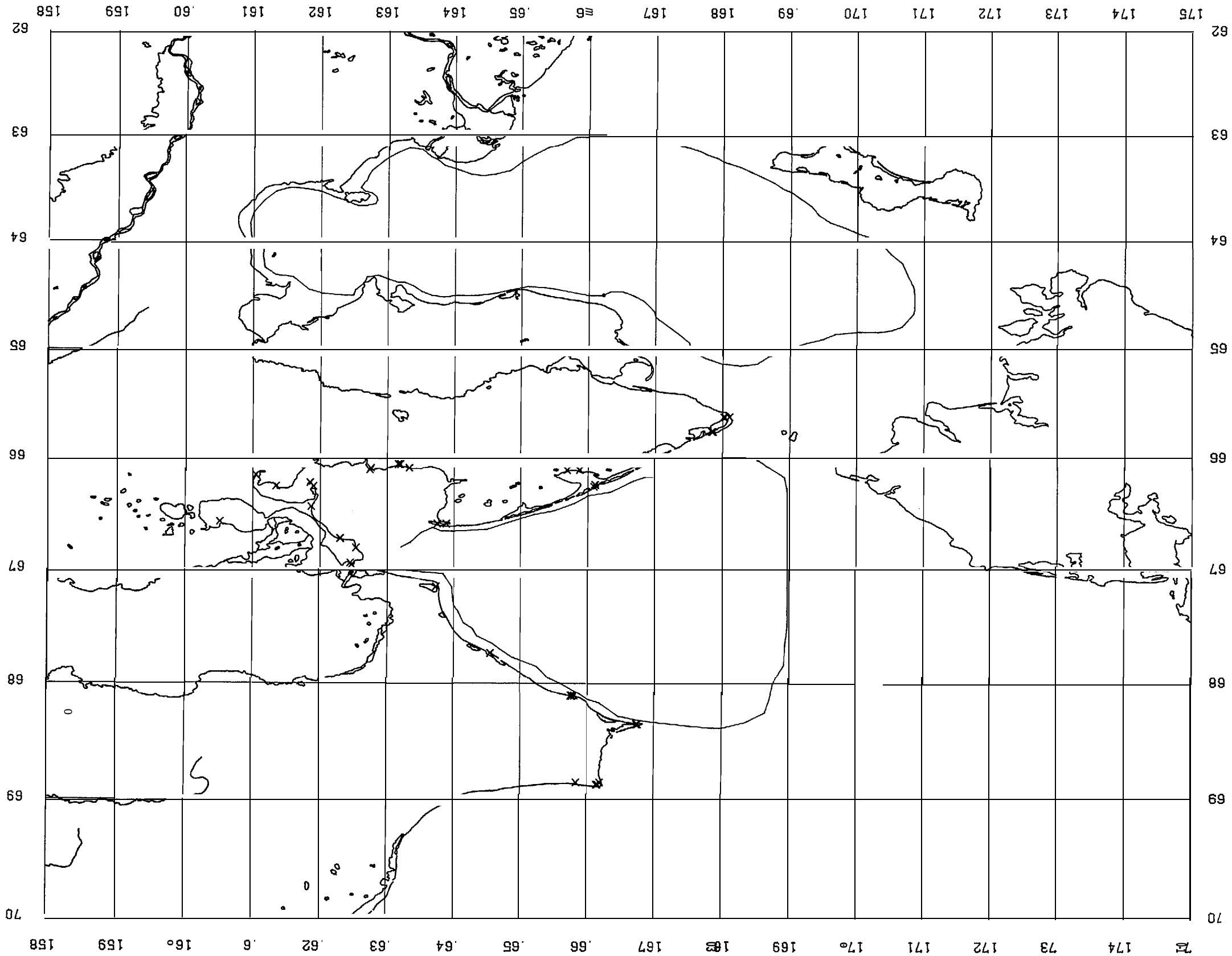
FILE TYPE 027 - MAMMAL
SIGHTINGS-MULTIPLE GROUPS

OF POINTS PLOTTED 88

FILE TYPE 029
PRIMARY PRODUCTIVITY

OF POINTS PLOTTED 65



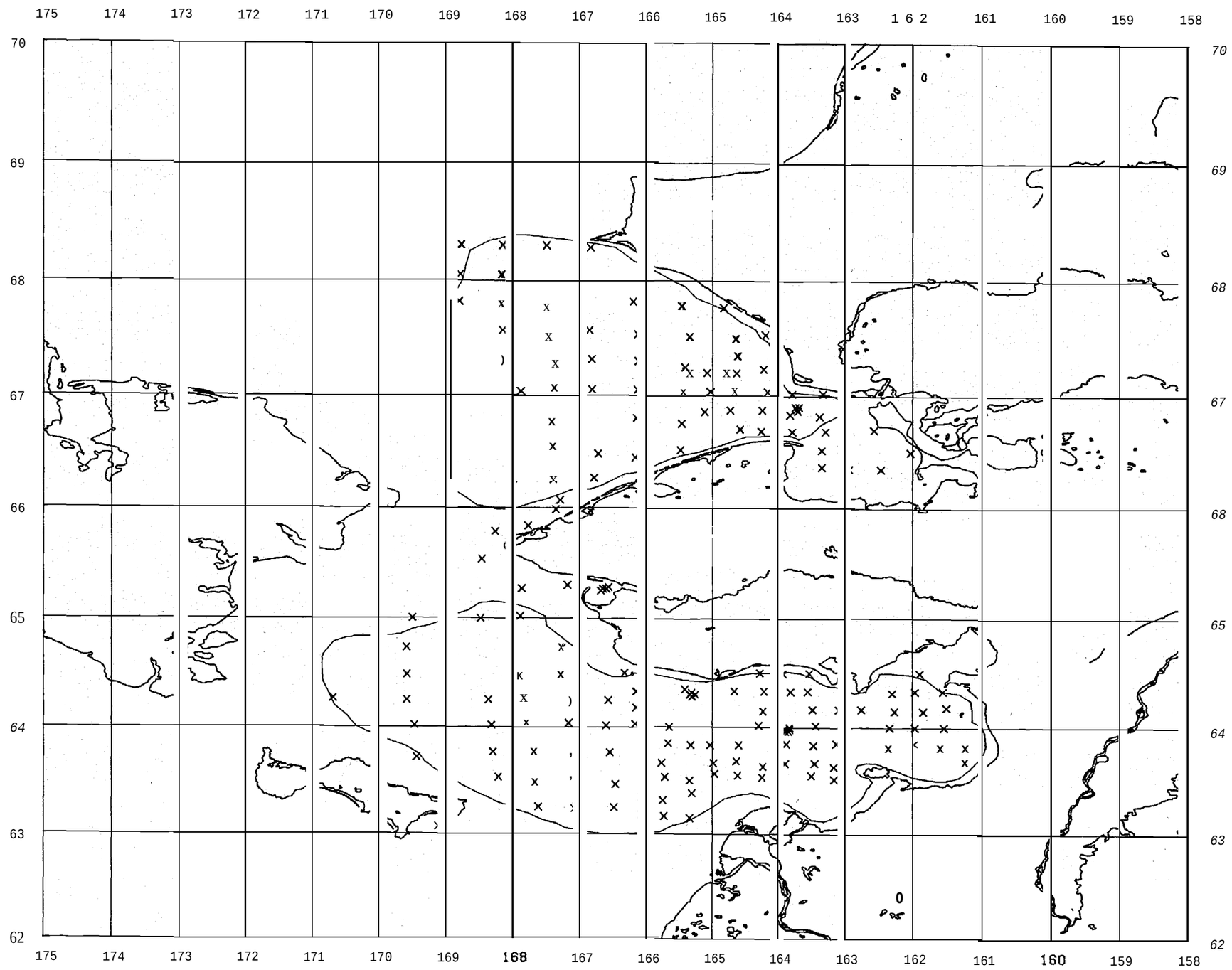


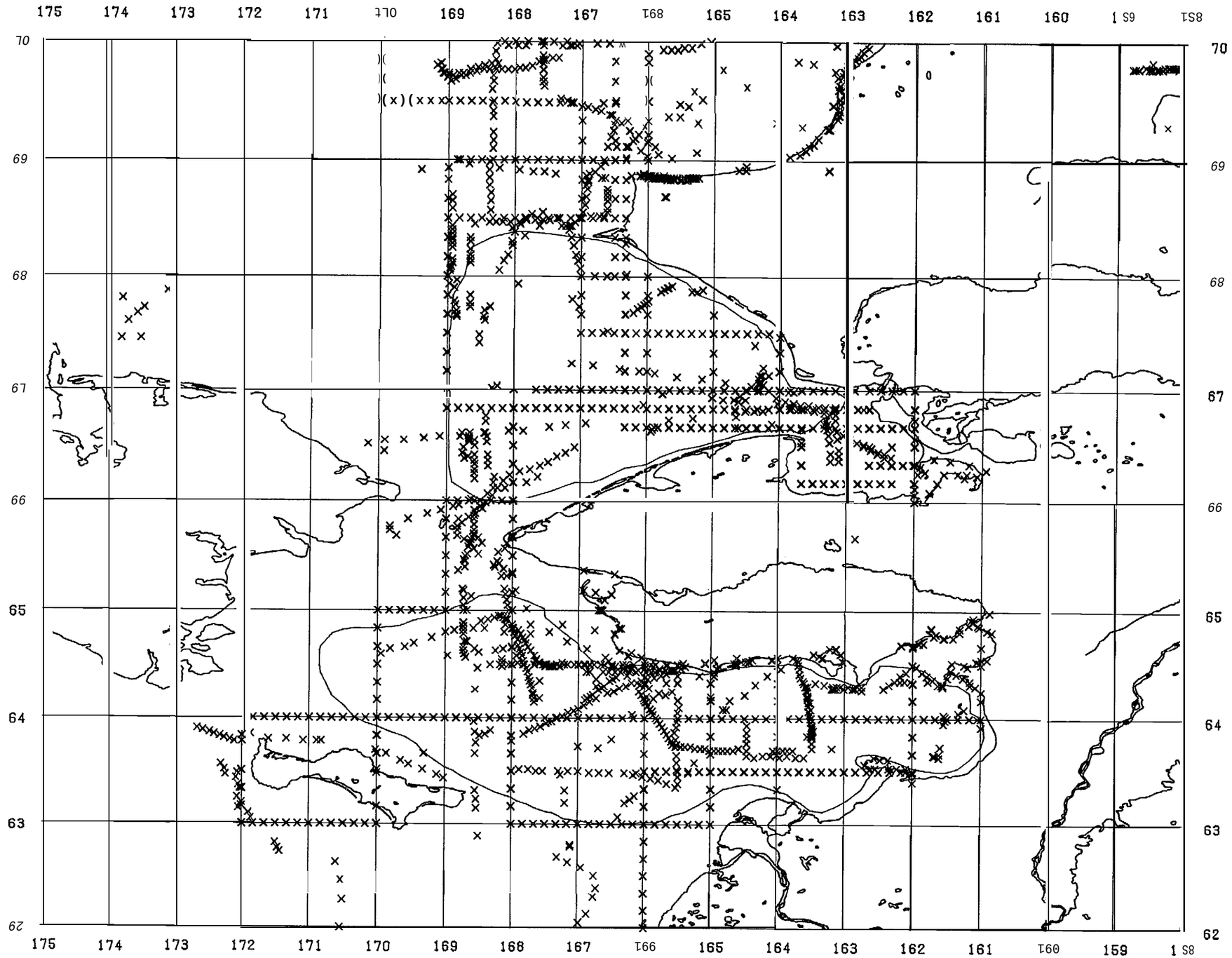
FILE TYPE 030
INTERTIDAL DATA

OF POINTS PLOTTED 42

FILE TYPE 032
BENTHIC ORGANISMS

OF POINTS PLOTTED 197



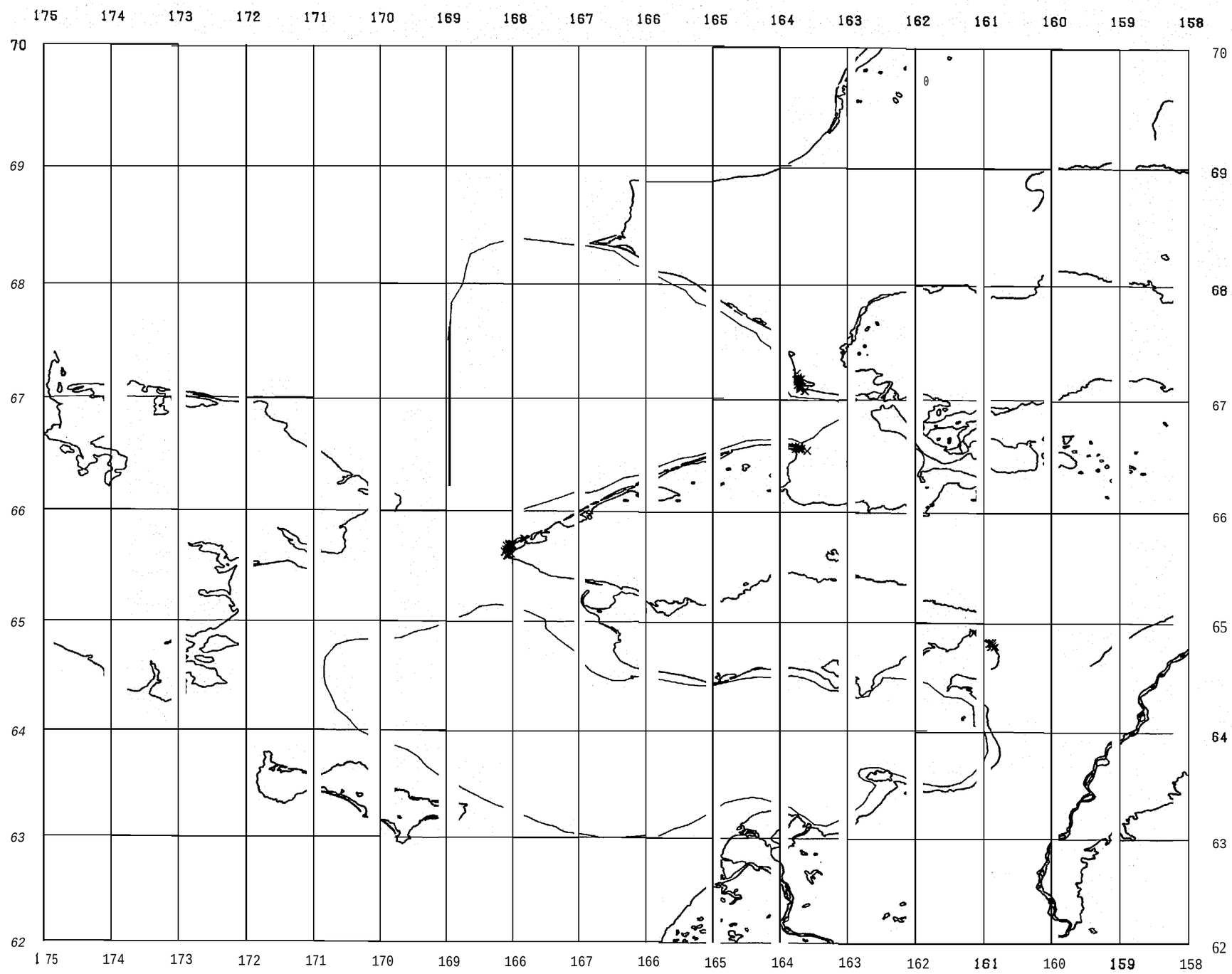


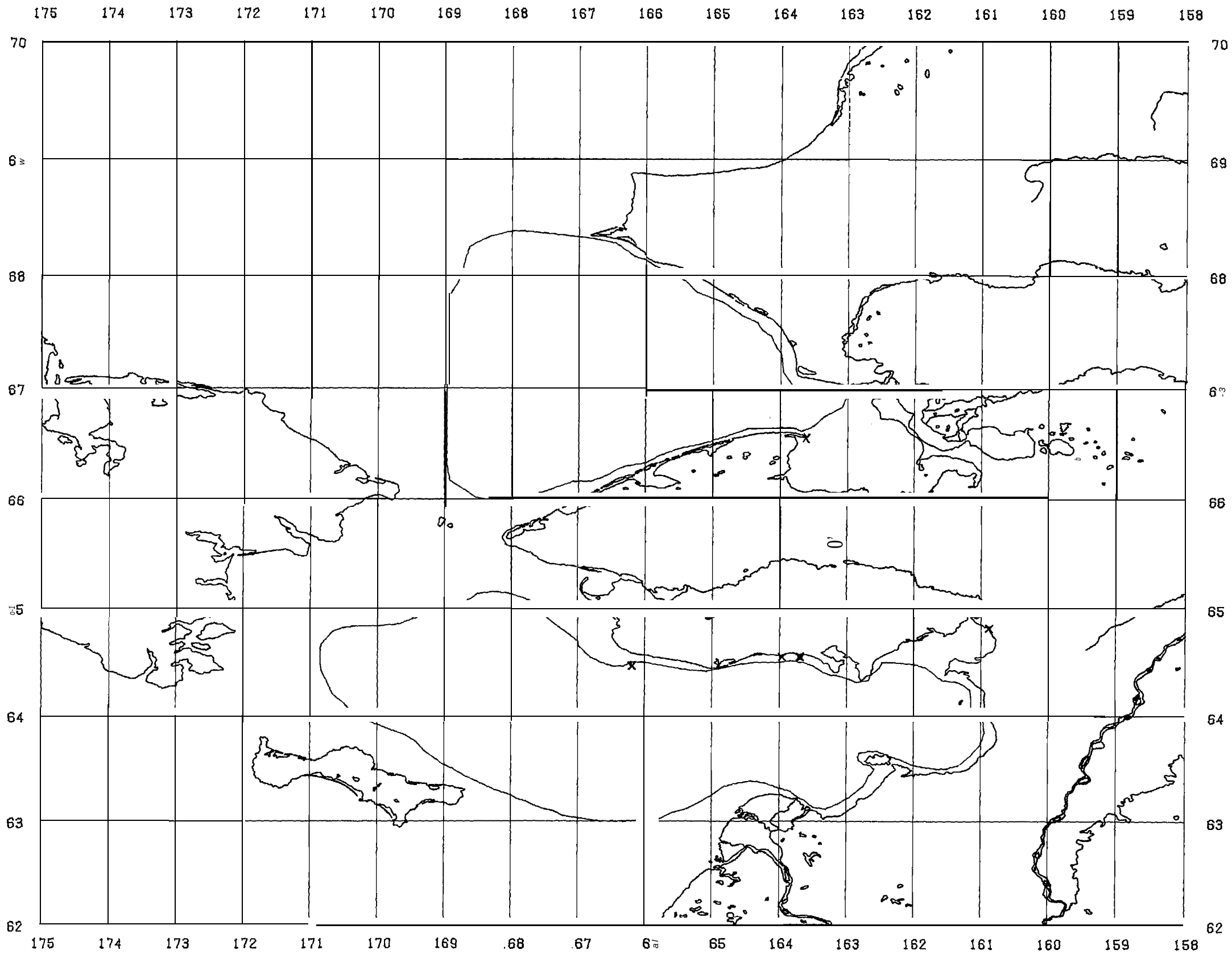
FILE TYPE 033 - MARINE
BIRD SIGHTINGS. AIR/SHIP

OF POINTS PLOTTED 2229

FILE TYPE 034 - MARINE
BIRD SIGHTINGS. LAND

OF POINTS PLOTTED 1893





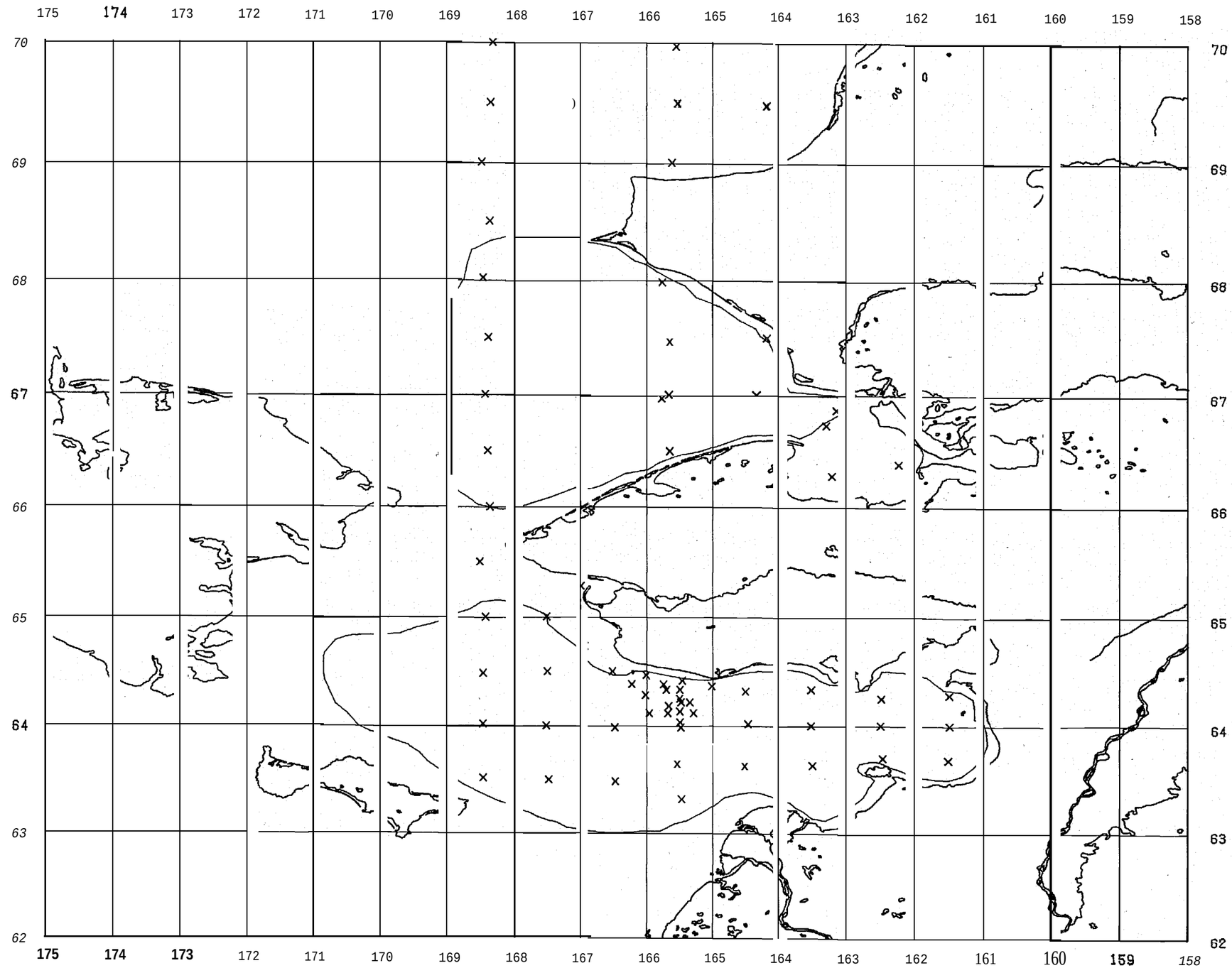
FILE TYPE 035
MARINE BIRD COLONY I

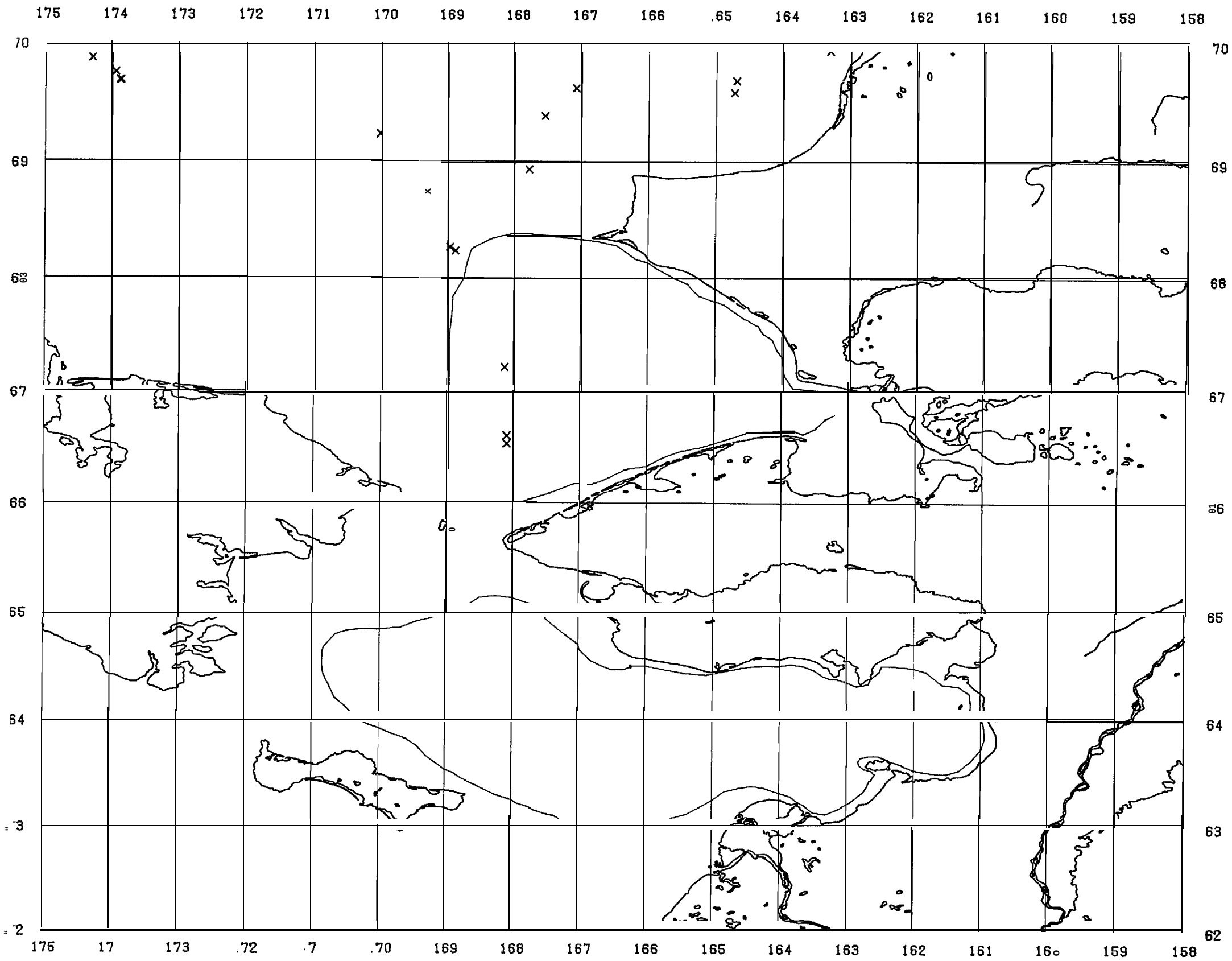
OF POINTS PLOTTED 60.

NOTE: EACH POINT REPRESENTS A SPECIFIC STUDY SITE, WITH A SINGLE "X" PLOTTED FOR EACH VISIT AND GENERALLY FOR EACH NEST STUDIED, RESULTING IN MULTIPLE POINTS PLOTTED AT THE SAME POSITION.

FILE TYPE 043
LIGHT HYDROCARBONS

OF POINTS PLOTTED 106





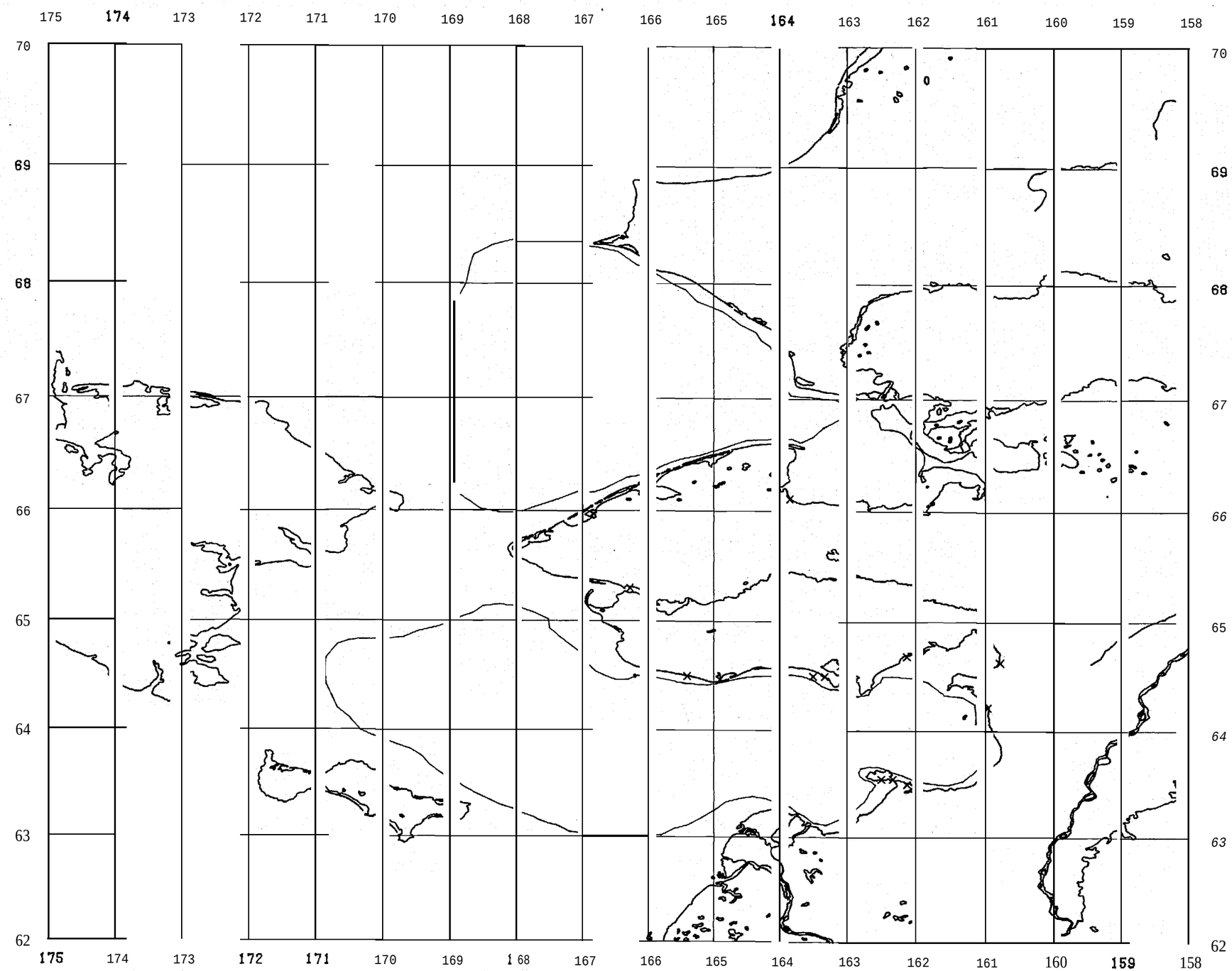
FILE TYPE 056
LAGRANGIAN CURRENTS

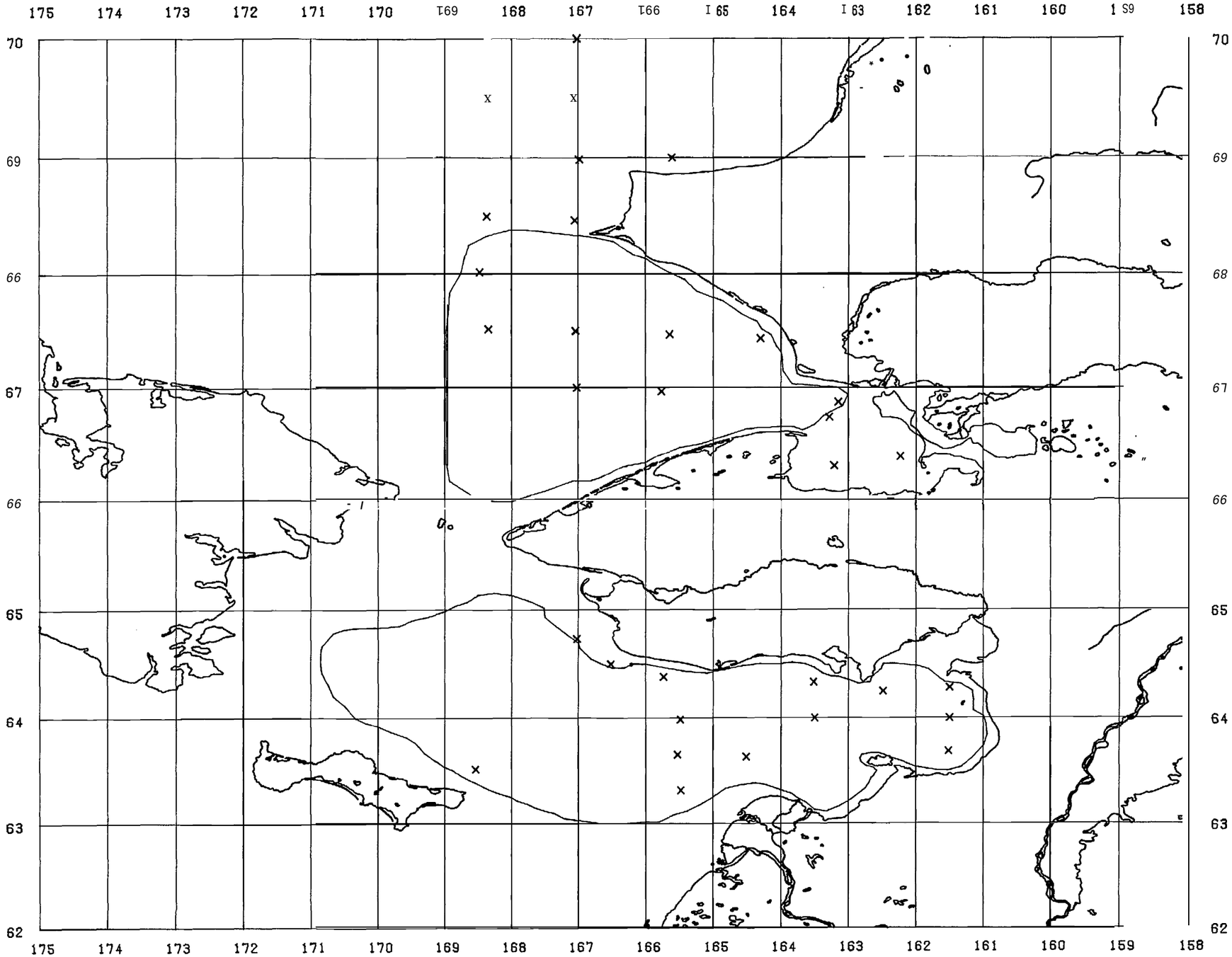
OF POINTS PLOTTED 17

NOTE: A POINT IS PLOTTED ON THIS CHART FOR INITIAL BUOY POSITIONS AND FOR THE FIRST OBSERVED POSITION IN EACH SUBSEQUENT MONTH FOR EACH BUOY.

FILE TYPE 057
HERRING SPAWNING

* OF POINTS PLOTTED 100



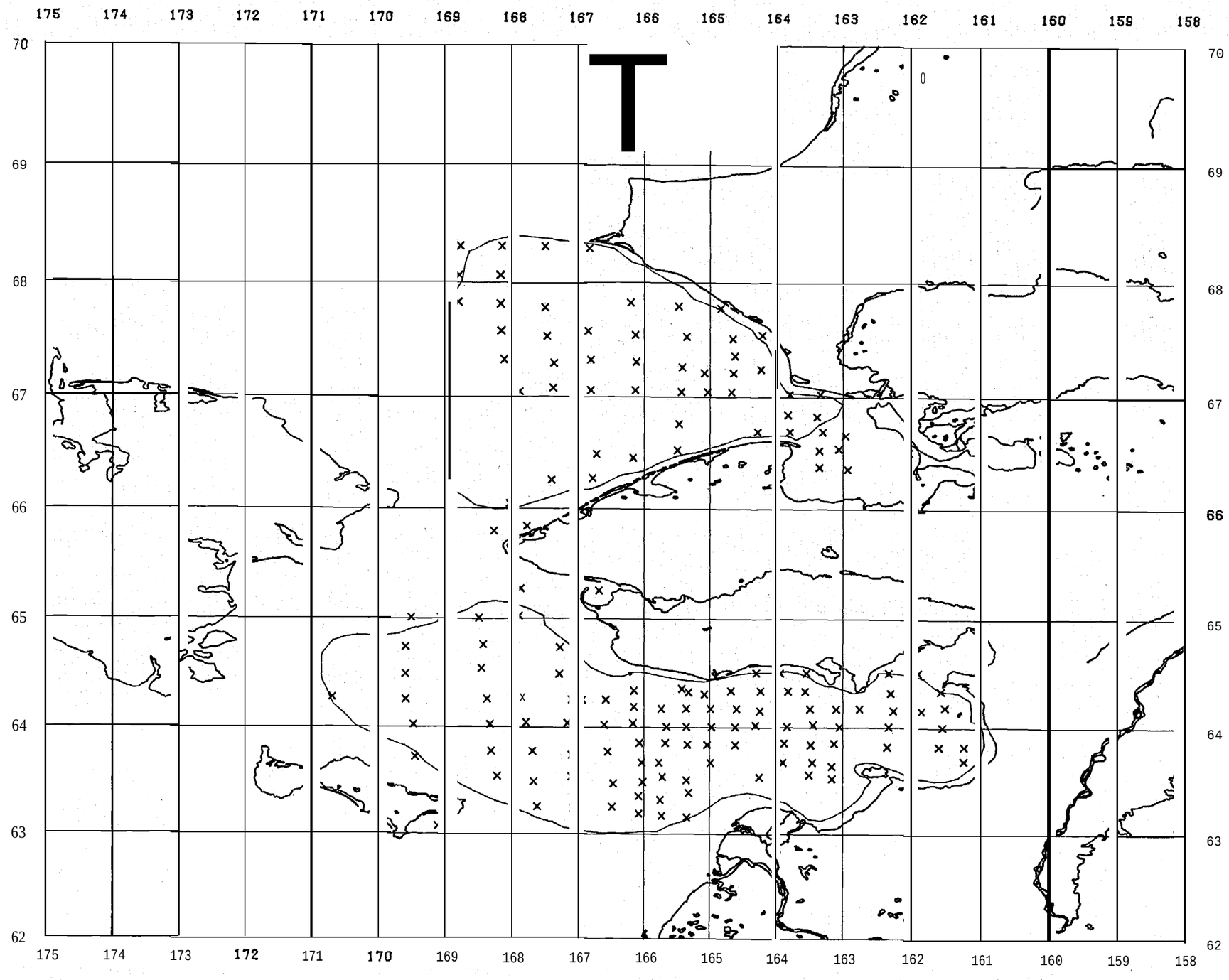


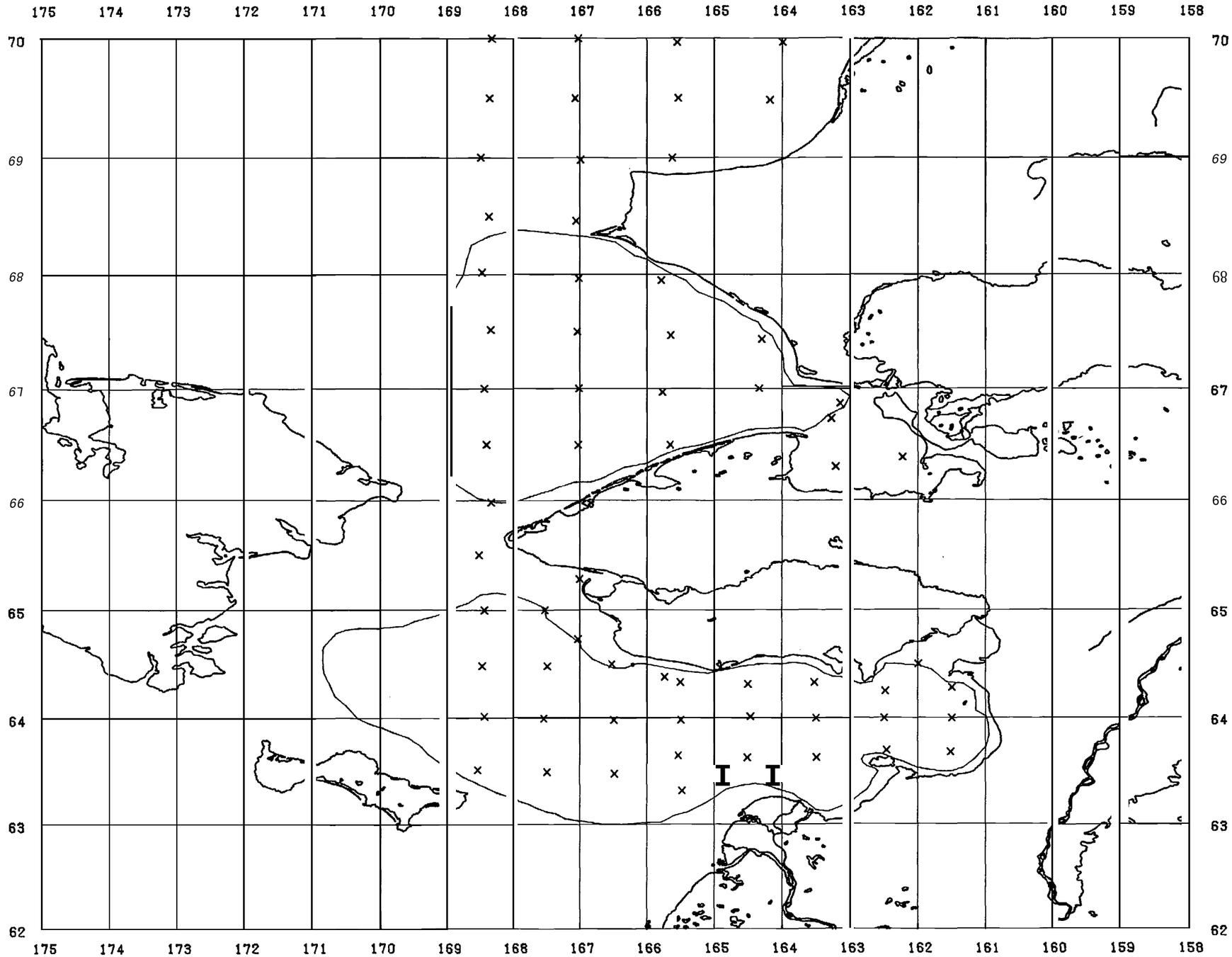
FILE TYPE 061
TRACE ELEMENTS

OF POINTS PLOTTED 32

FILE TYPE 063 - MARINE
INVERTEBRATE PATHOLOGY

OF POINTS PLOTTED 170





FILE TYPE 073
GRAIN SIZE ANALYSIS

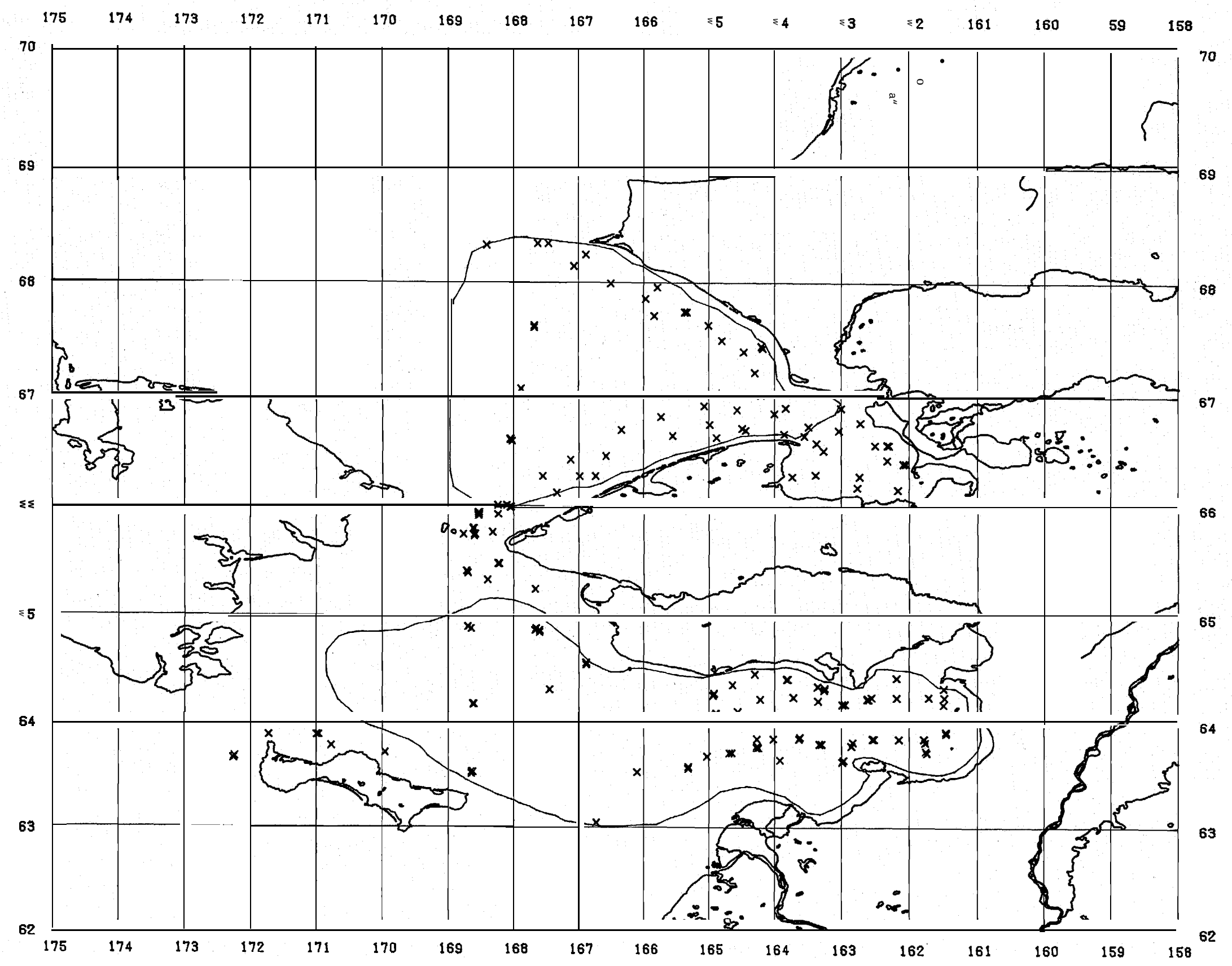
OF POINTS PLOTTED 64

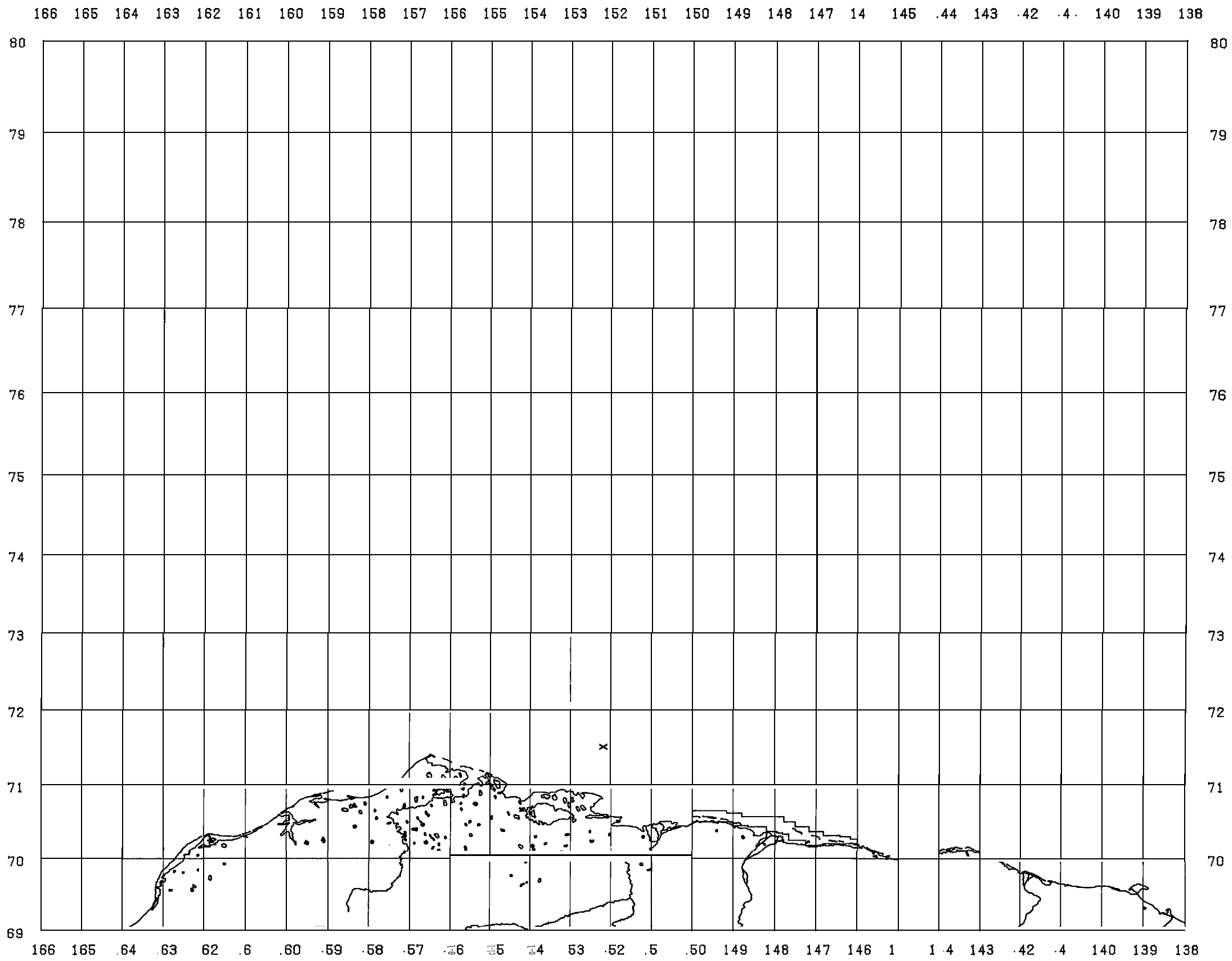
NOTE: DATA HELD AT THE NATIONAL GEOPHYSICAL AND SOLAR-TERRESTRIAL DATA CENTER (NGSDC), IN BOULDER, COLORADO.

FILE TYPE 124
ZOOPLANKTON II

OF POINTS PLOTTED 186

NOTE: SEE FILE TYPE 024 FOR ADDITIONAL ZOOPLANKTON DATA.





FILE TYPE 015

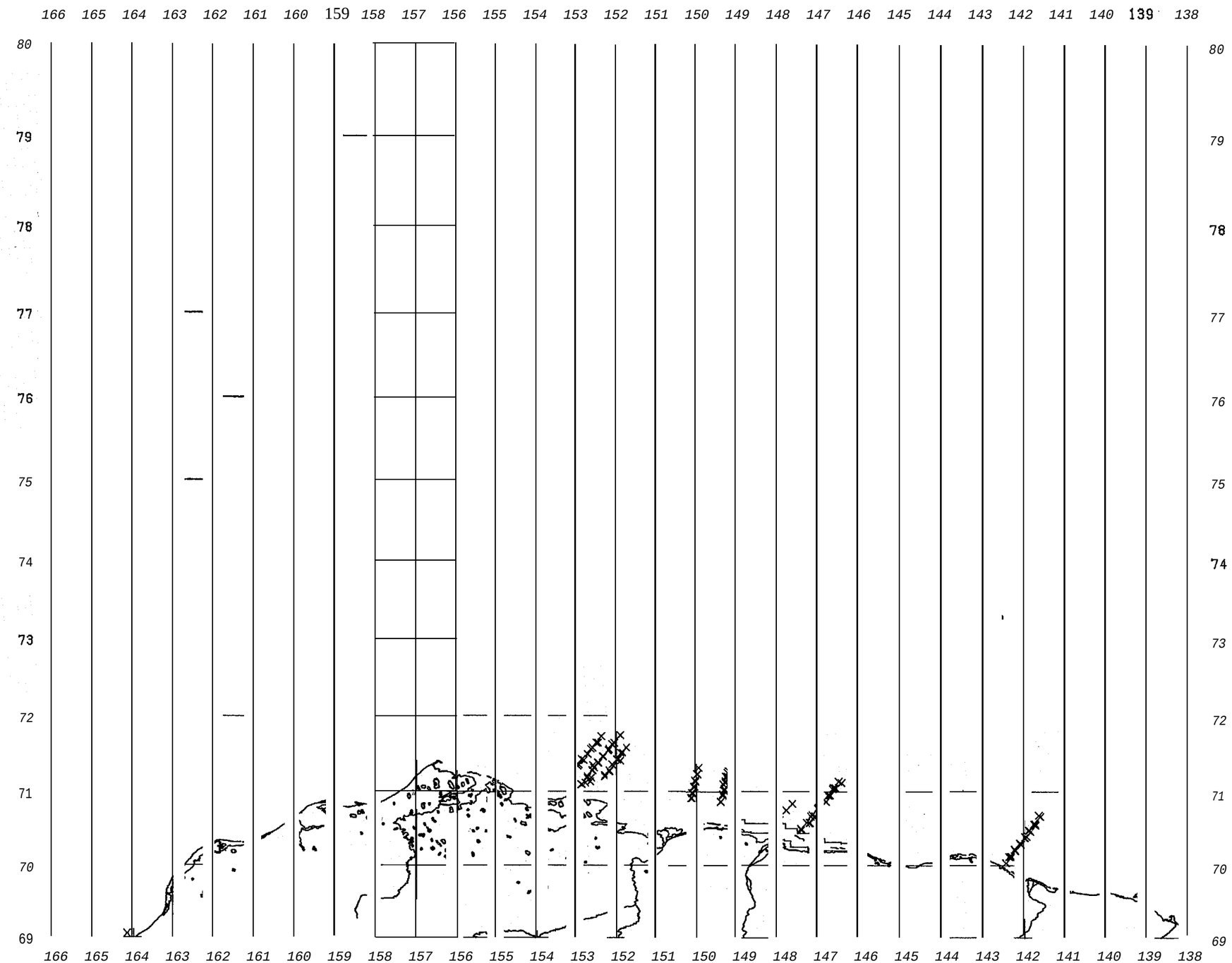
CURRENT METERS

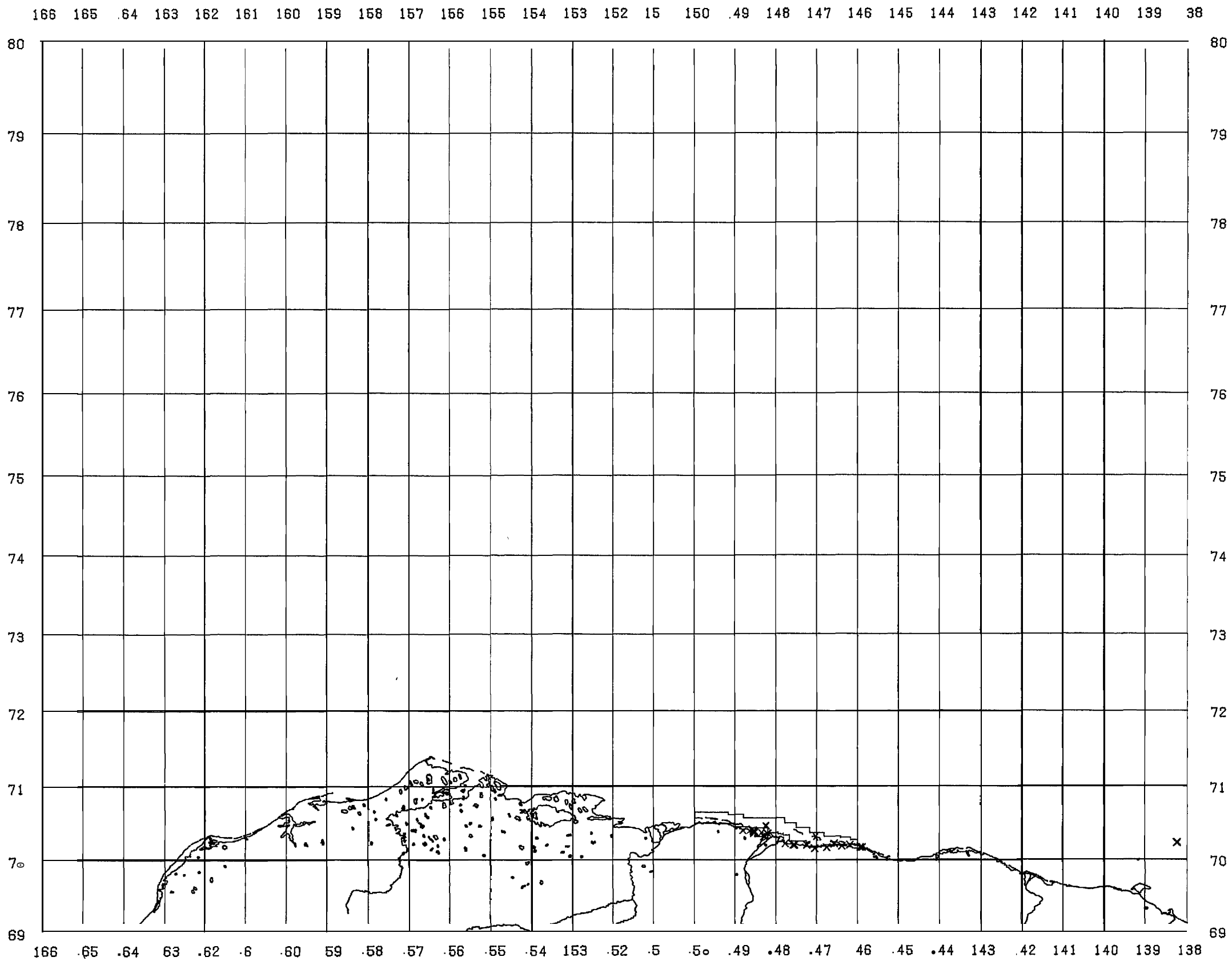
OF POINTS PLOTTED 1⊙

NOTE: EACH POINT REPRESENTS A LOCATION OF TIME SERIES DATA AND THEREFORE A SINGLE "X" REPRESENTS MANY OBSERVAT⊙NS

FILE TYPE 022 - SALINITY/
TEMPERATURE/DEPTH - STD

OF POINTS PLOTTED 115





F.LE TYPE 023

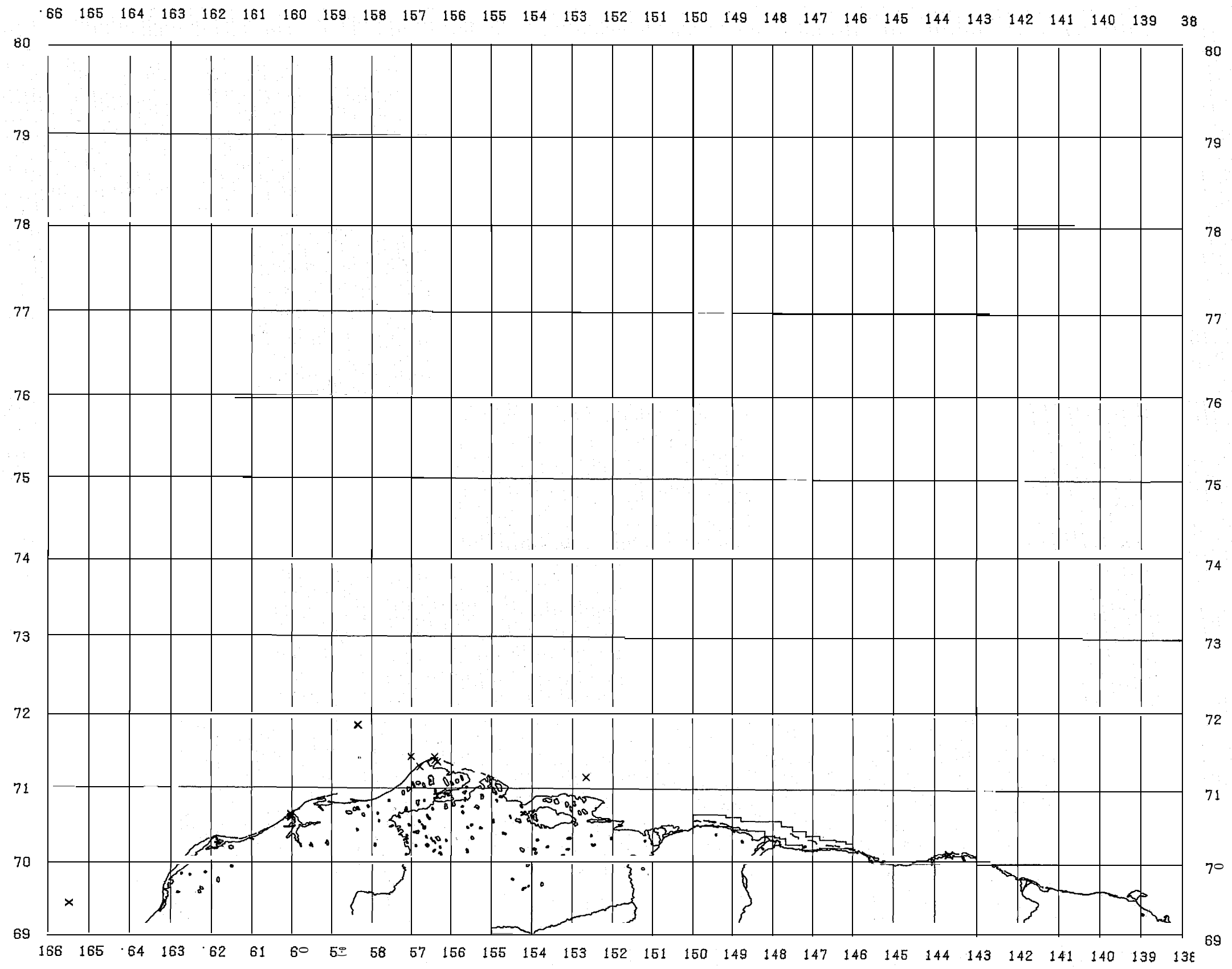
FISH RESOURCE ASSESSMEN

OF POINTS PLOTTED 559

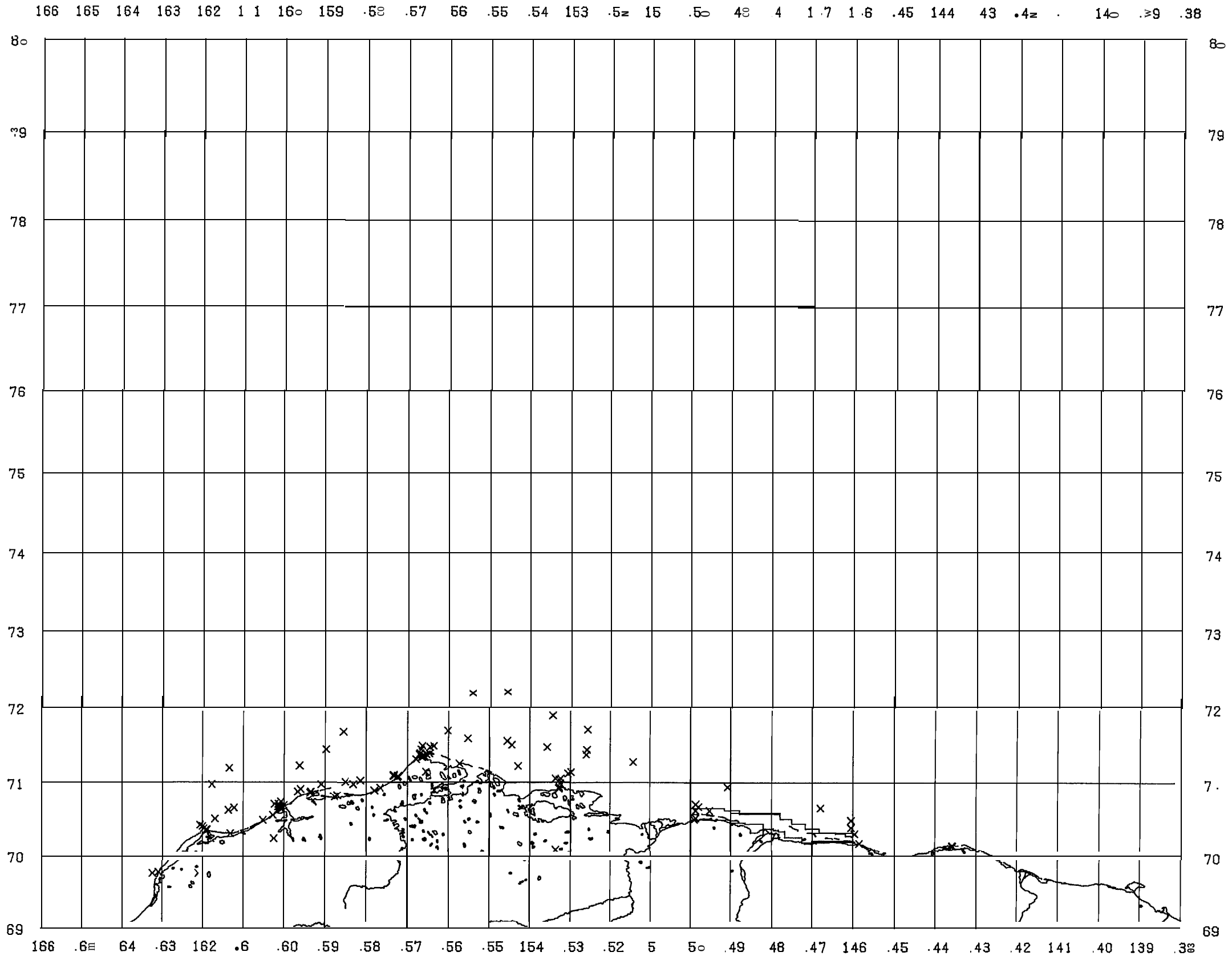
NOTE: DATA EVENTUALLY TO BE CONVERTED TO FILE TYPE 123-FISH/SHELLFISH RESOURCE ASSESSMENT.

FILE TYPE 025
MAMMAL SPECIMEN

OF POINTS PLOTTED 76



80

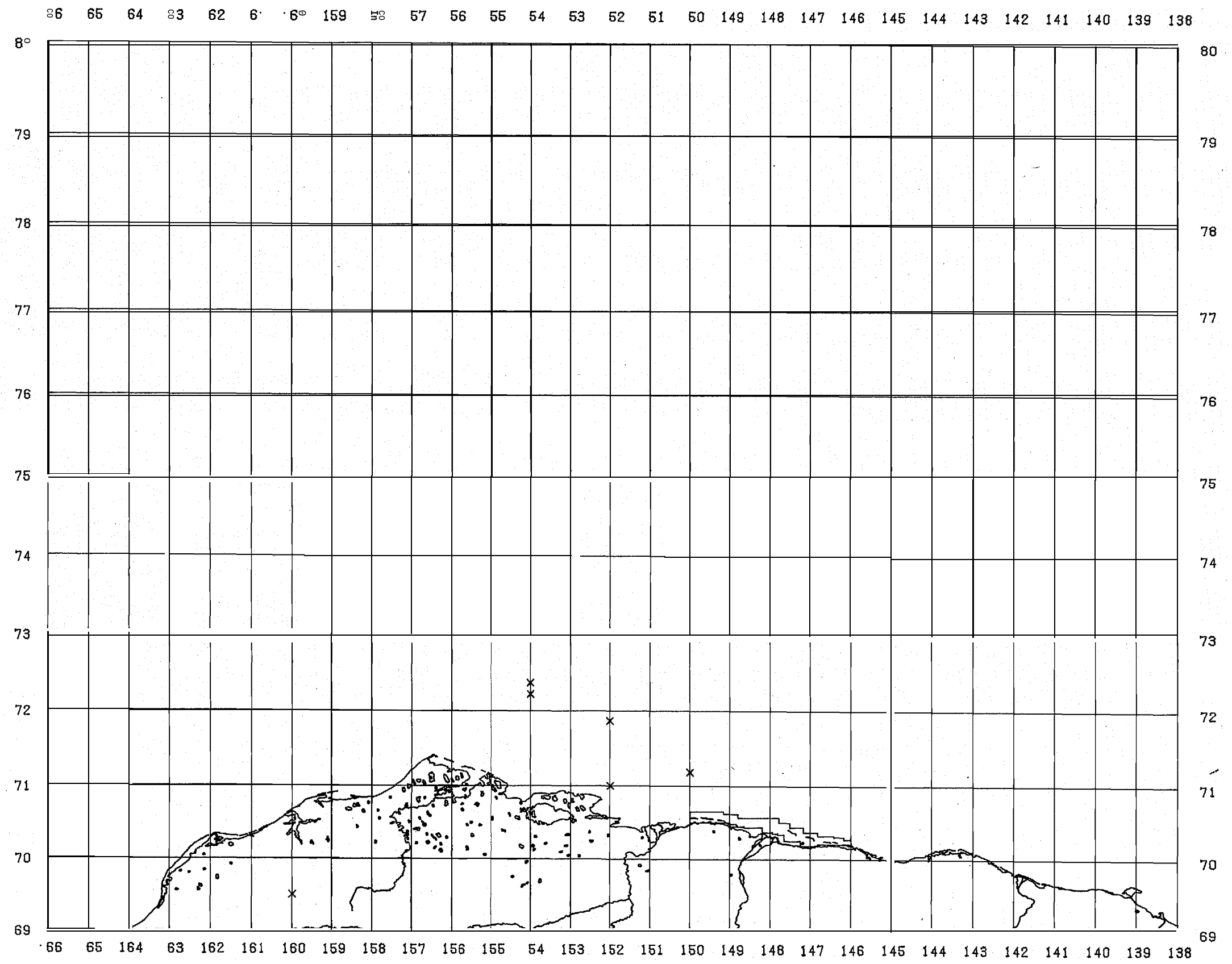


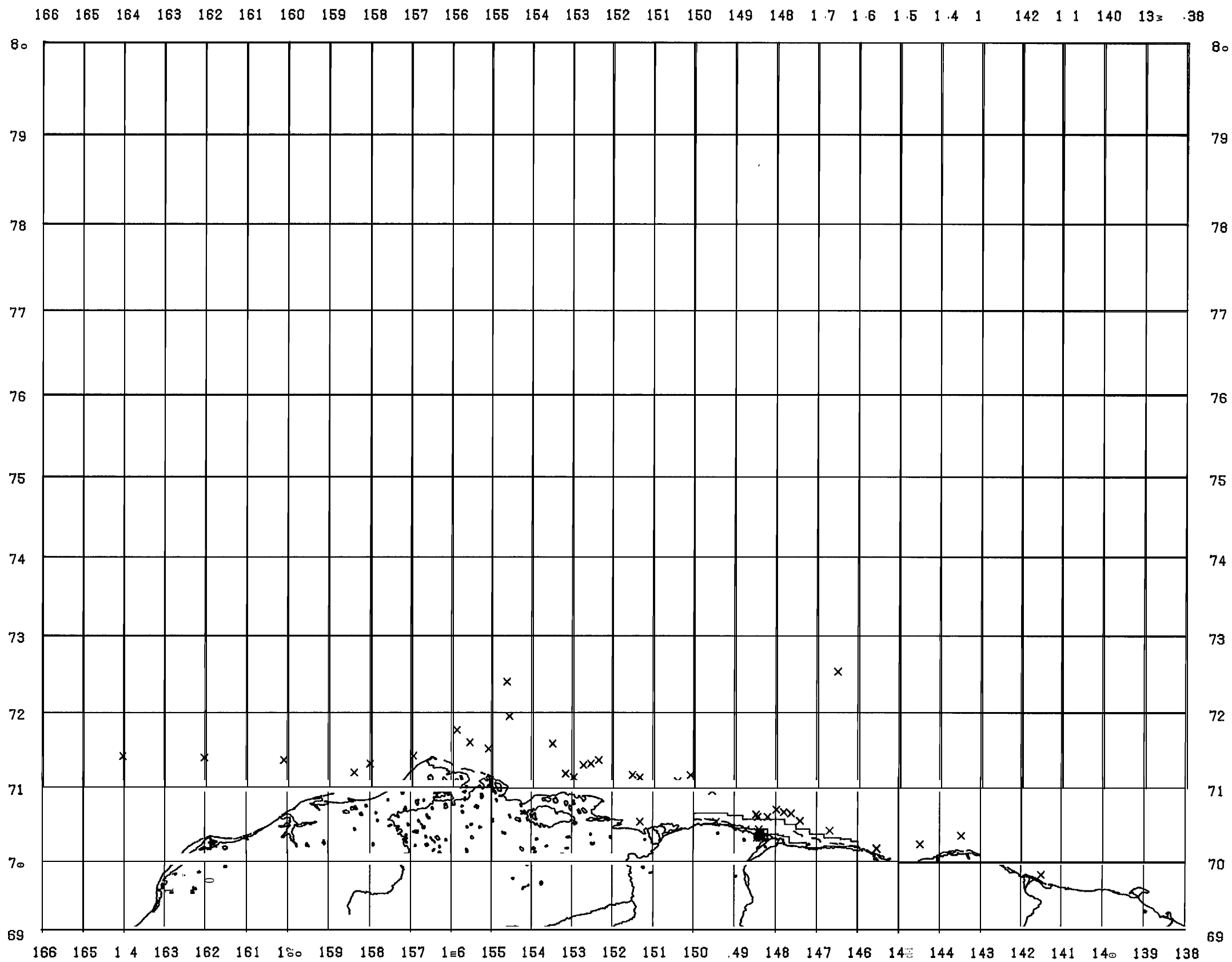
FILE TYPE o26 - MAMMAL
SIGHTINGS - SINGLE GROUPS

OF POINTS PLOTTED 98

FILE TYPE 027 - MAMMAL
SIGHTINGS-MULTIPLE GROUPS

OF POINTS PLOTTED 6



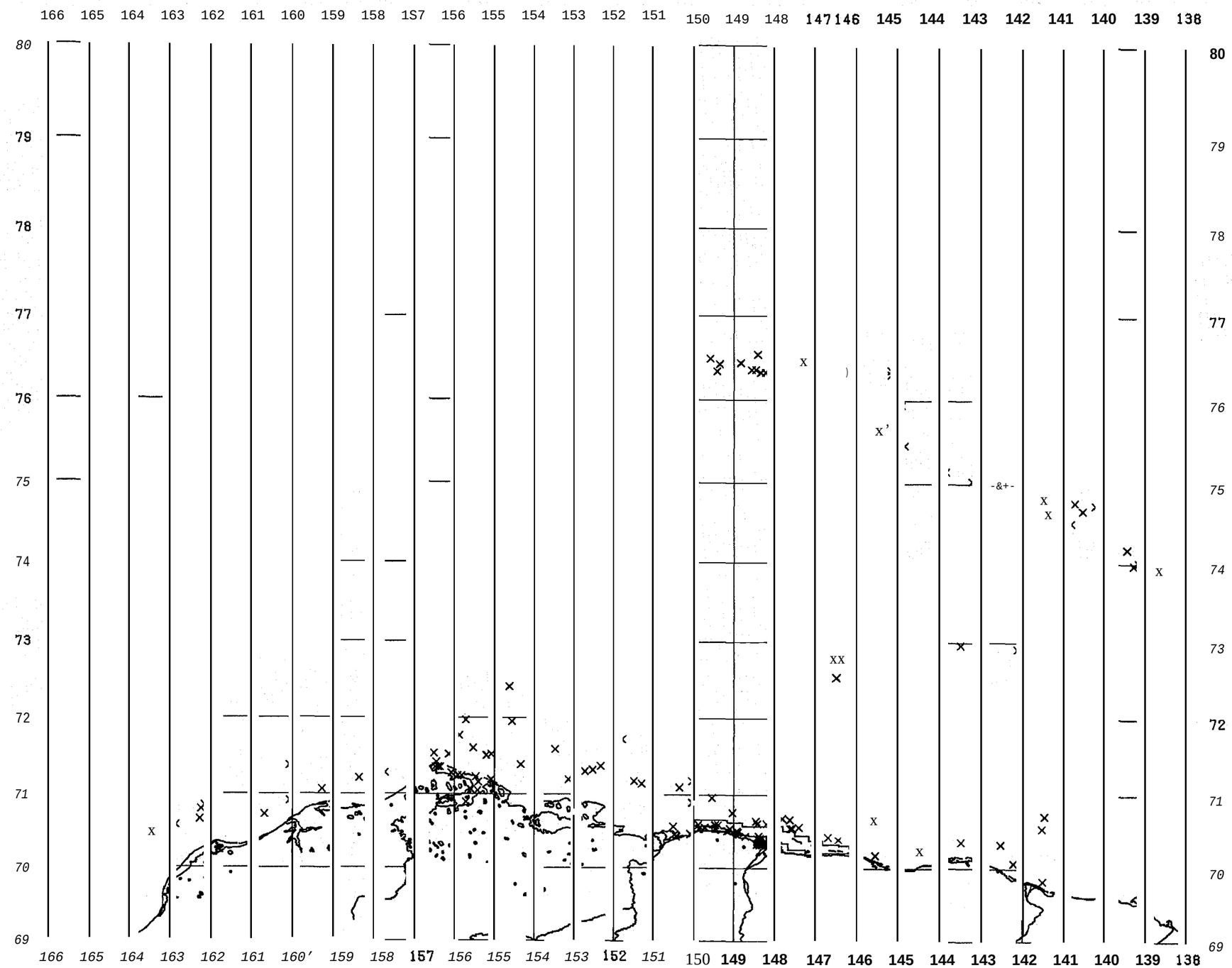


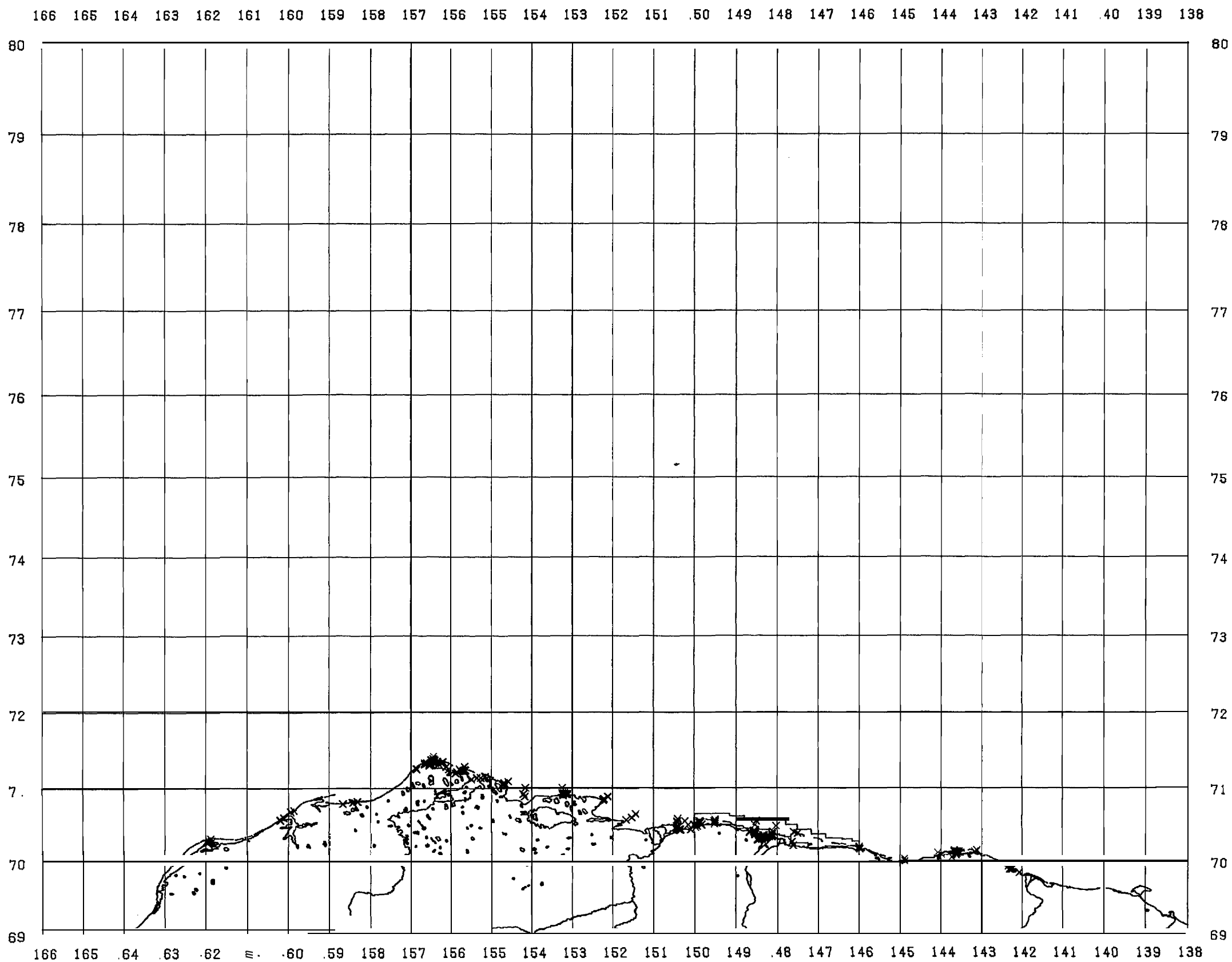
FILE TYPE 028
PHY'OPLANKTON SPECIES

OF POINTS PLOTTE. 66

FILE TYPE 029
PRIMARY PRODUCTIVITY

OF POINTS PLOTTED 199



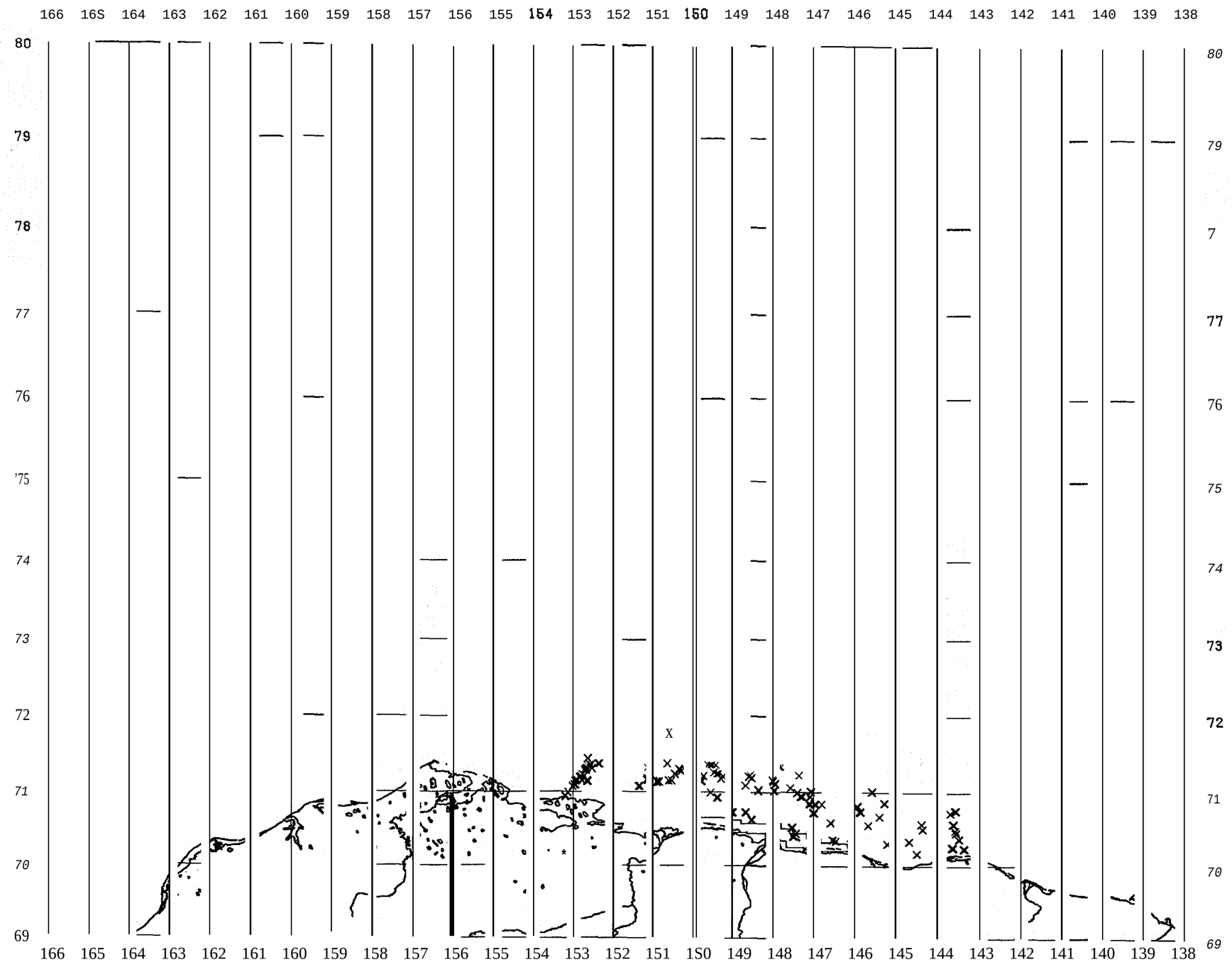


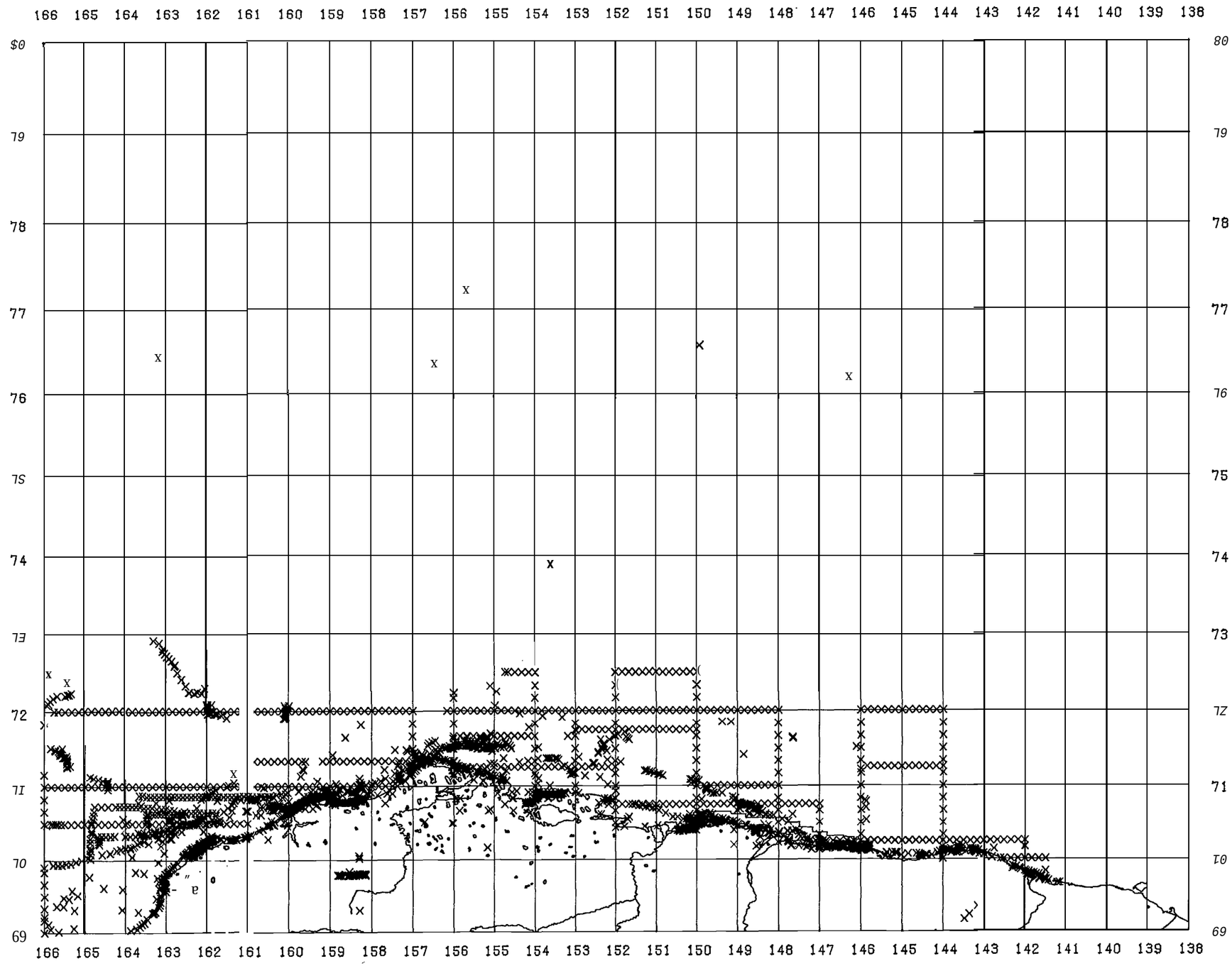
F LE TYPE ₀3₀
INTERTIDAL DATA

OF POINTS PLOTTED 259

FILE TYPE 032
BENTHIC ORGANISMS

OF POINTS PLOTTED 430



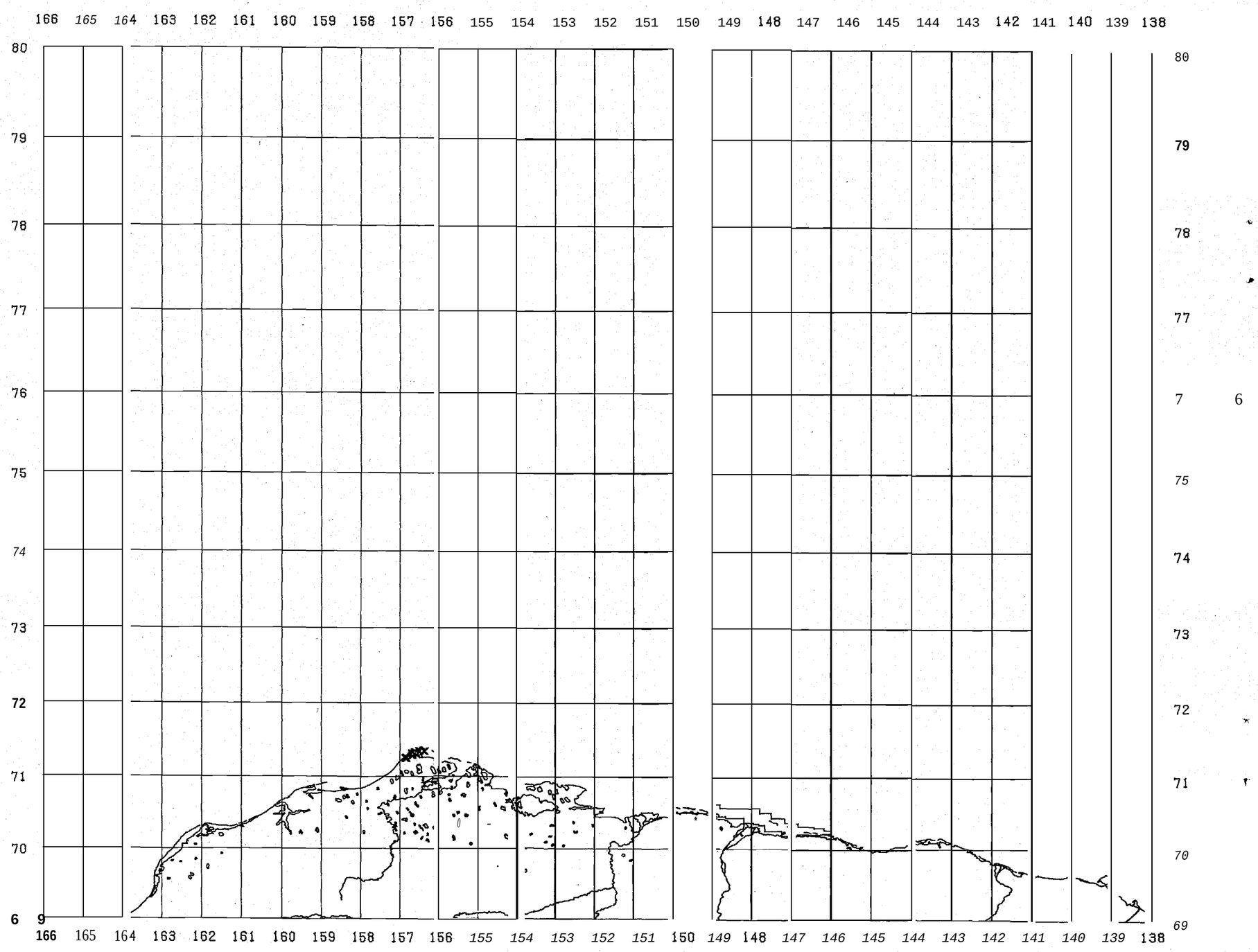


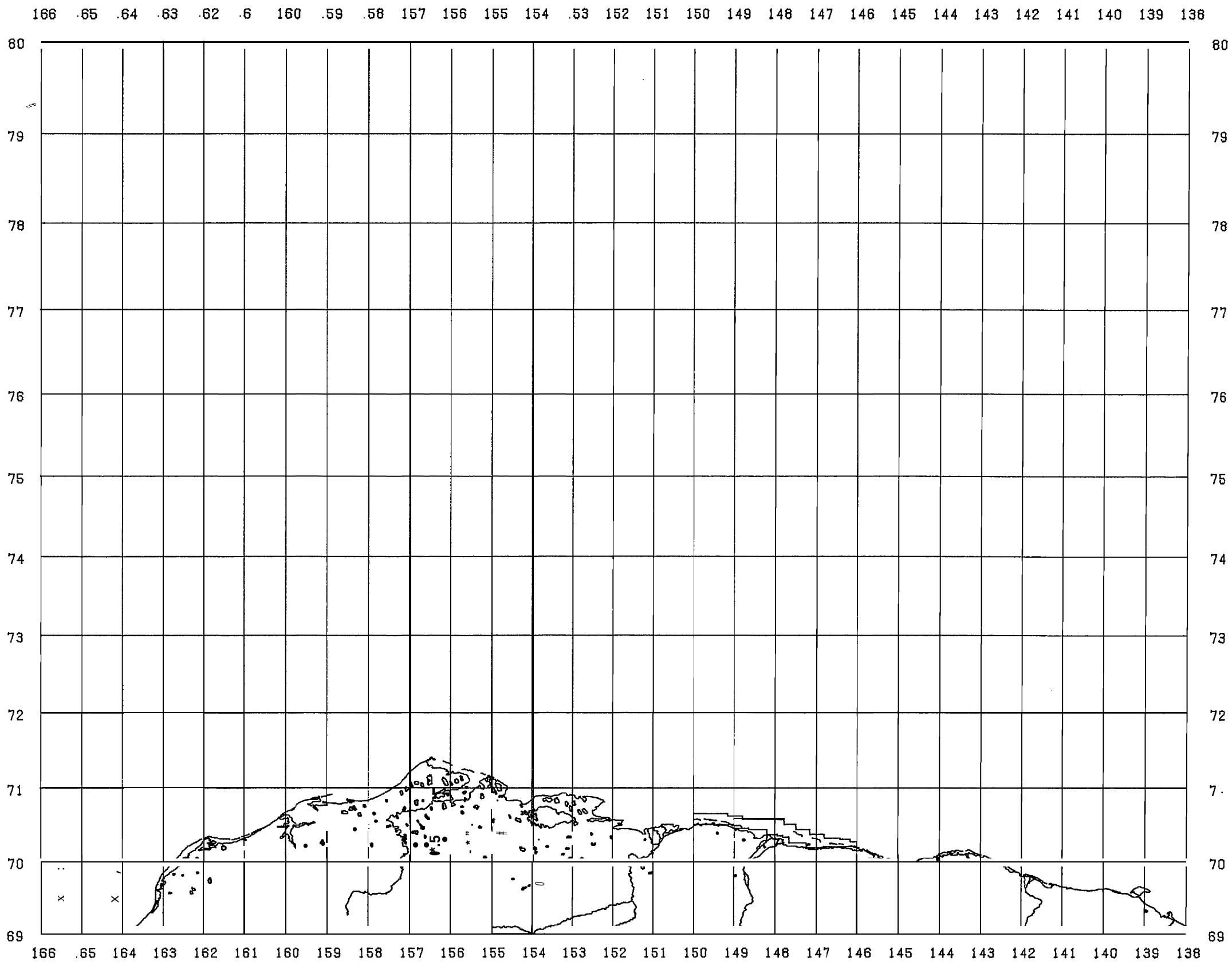
FILE TYPE 033 - MARINE
BIRD SIGHTINGS, AIR/SHIP

OF POI NTS PLOTTED 3888

FILE TYPE 034 - MARINE
BIRO SIGHTINGS. LAND

OF POINTS PLOTTED 910



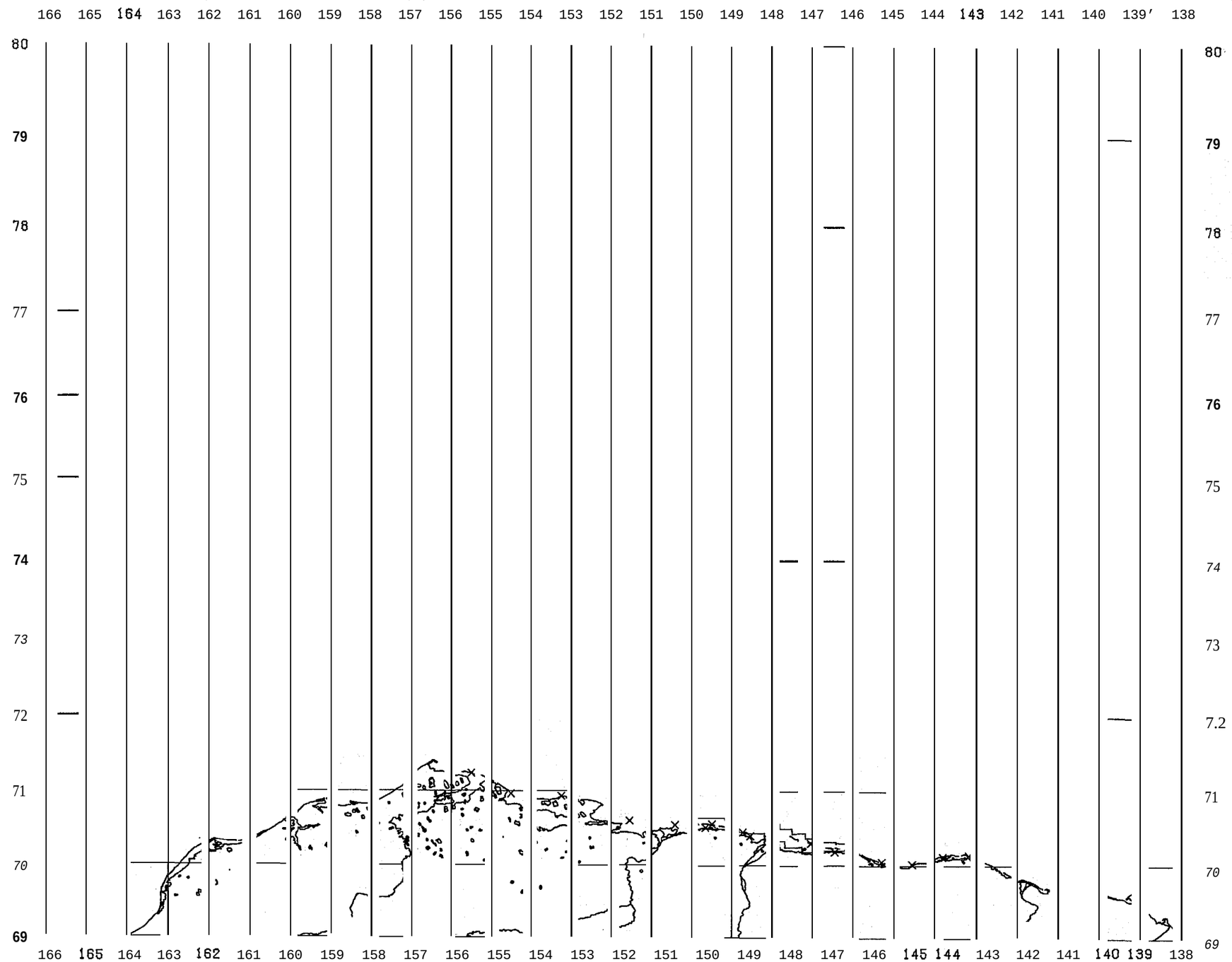


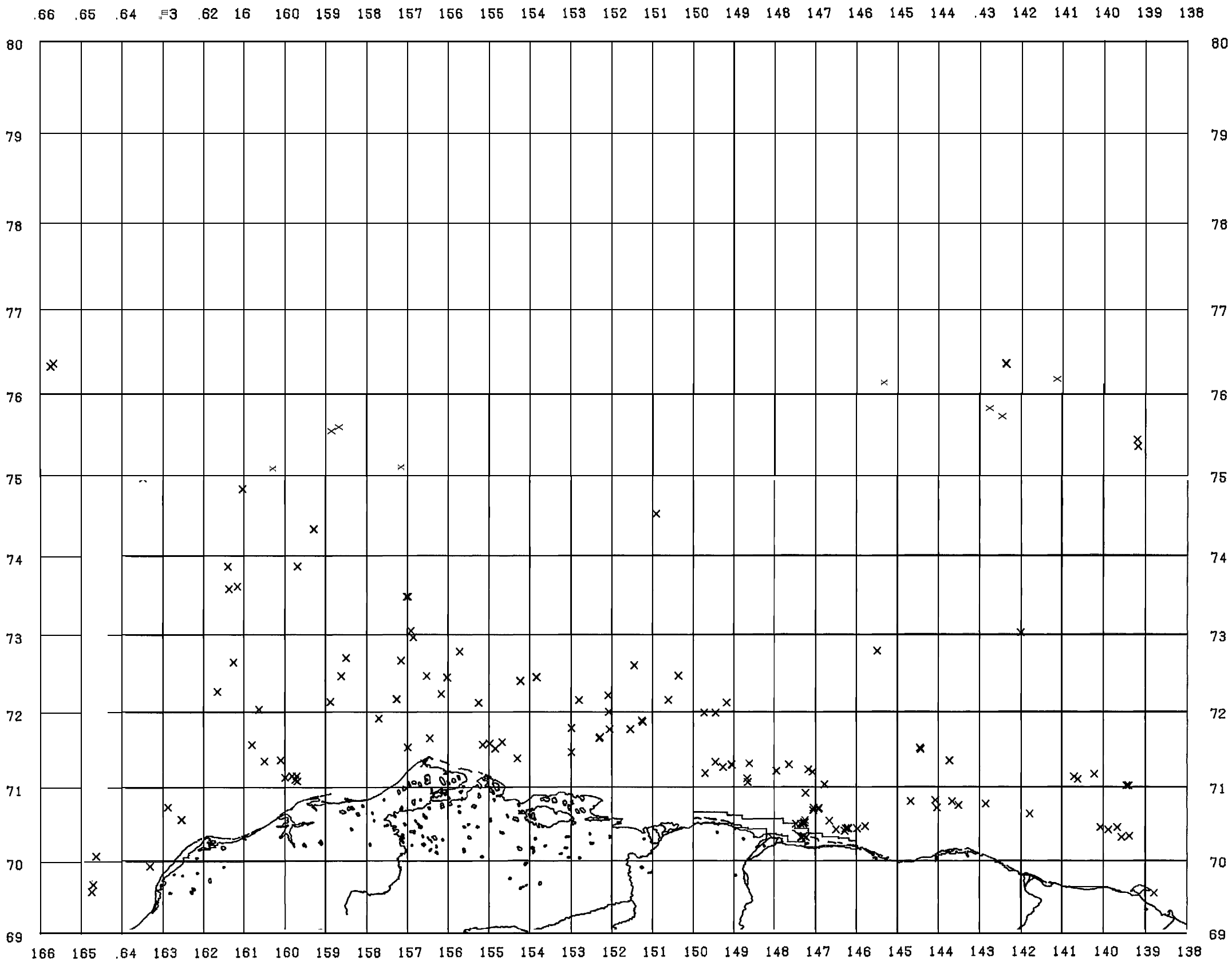
FILE TYPE 043
LIGHT HYDROCARBONS

OF POINTS PLOTTED 5

FILE TYPE 044
HEAVY HYDROCARBONS

OF POINTS PLOTTED 20





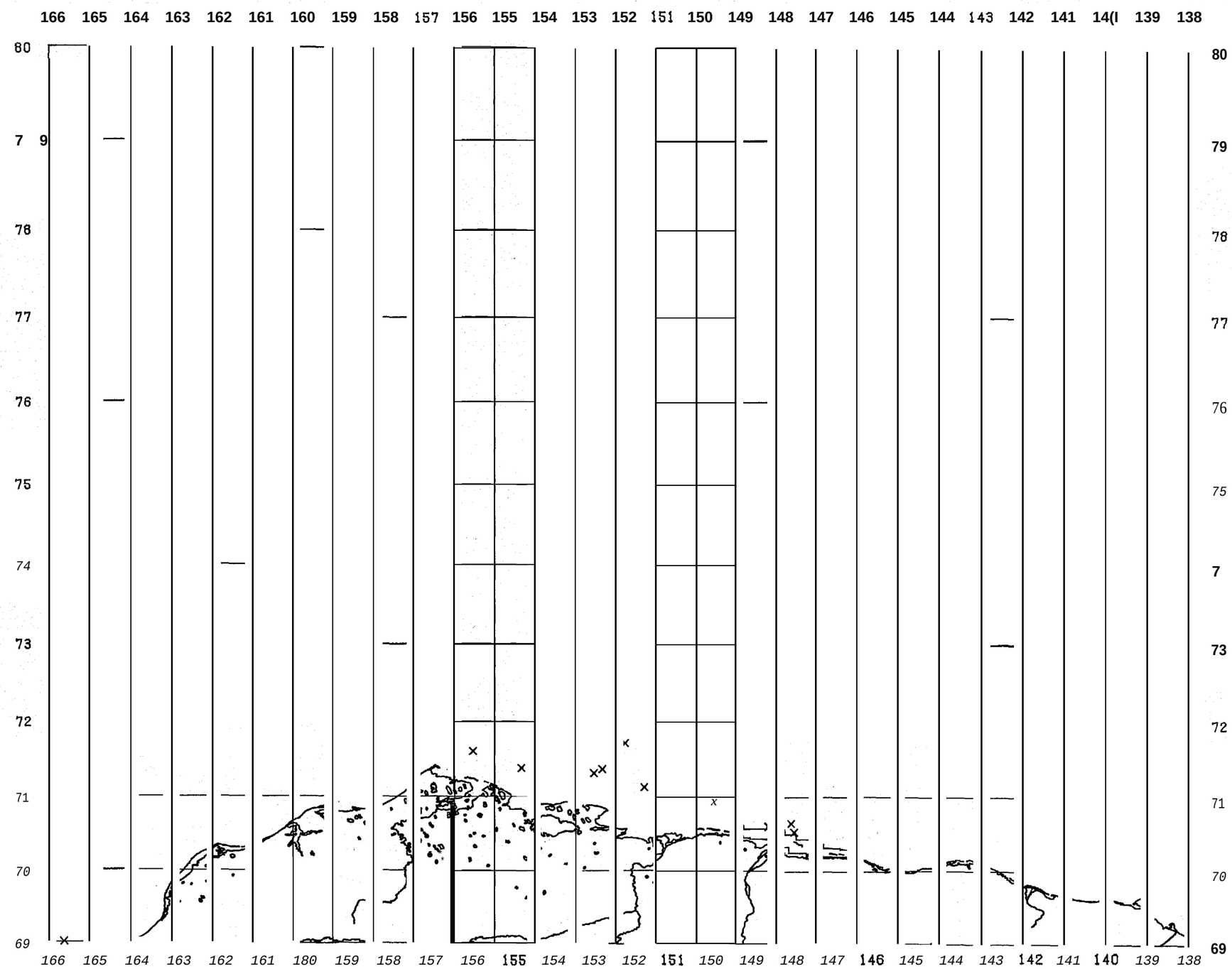
FILE TYPE 056
LAGRANGIAN CURRENTS

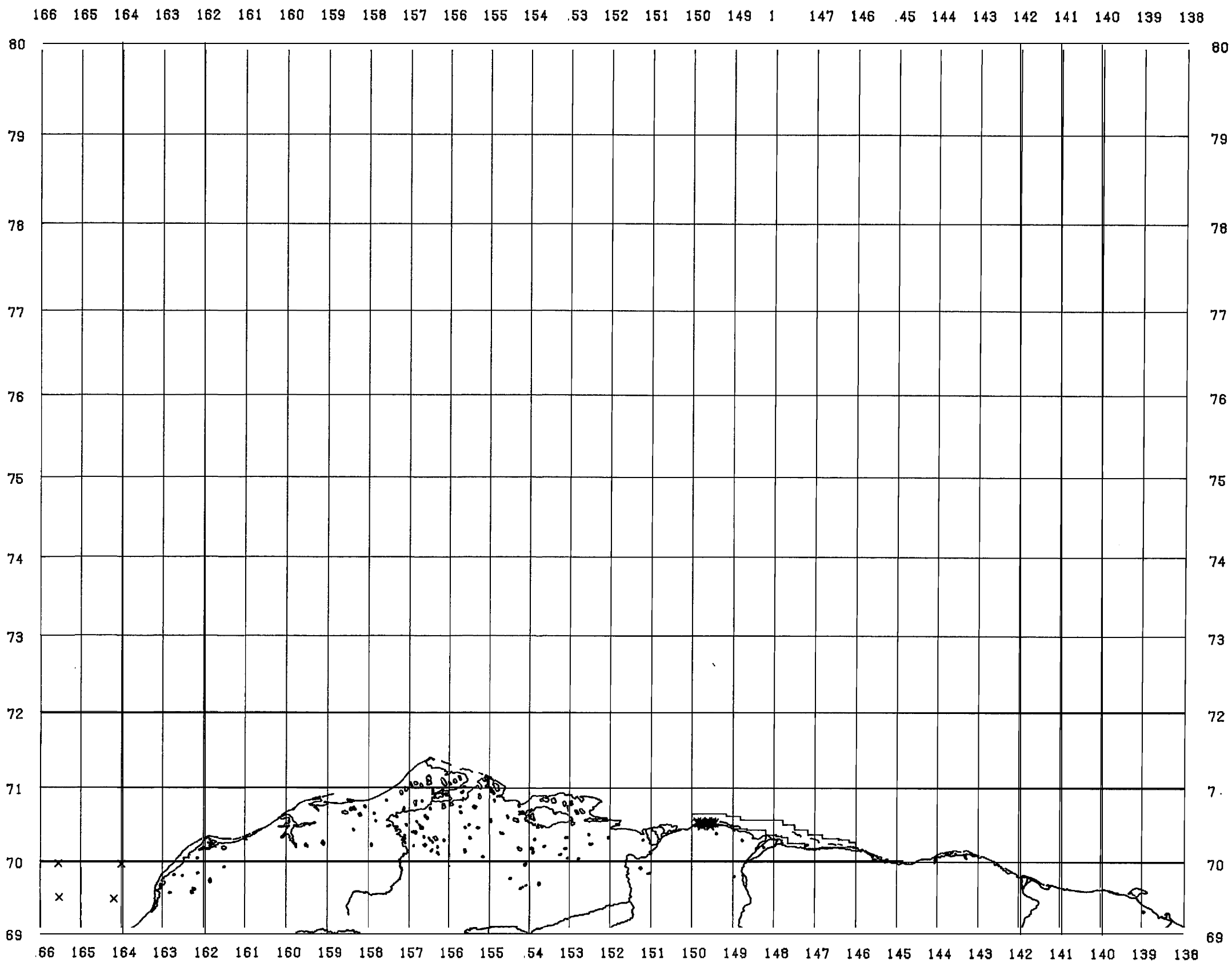
OF POINTS PLOTTED 164

NOTE: A POINT IS PLOTTED ON THIS CHART FOR INITIAL BUOY POSITIONS AND FOR THE FIRST OBSERVED POSITION IN EACH SUBSEQUENT MONTH FOR EACH BUOY

FILE TYPE 061
TRACE ELEMENTS

OF POINTS PLOTTED 14





F·LE ·YPE 073
GRAIN SIZE ANALYSIS

OF POINTS PLOT ED 44

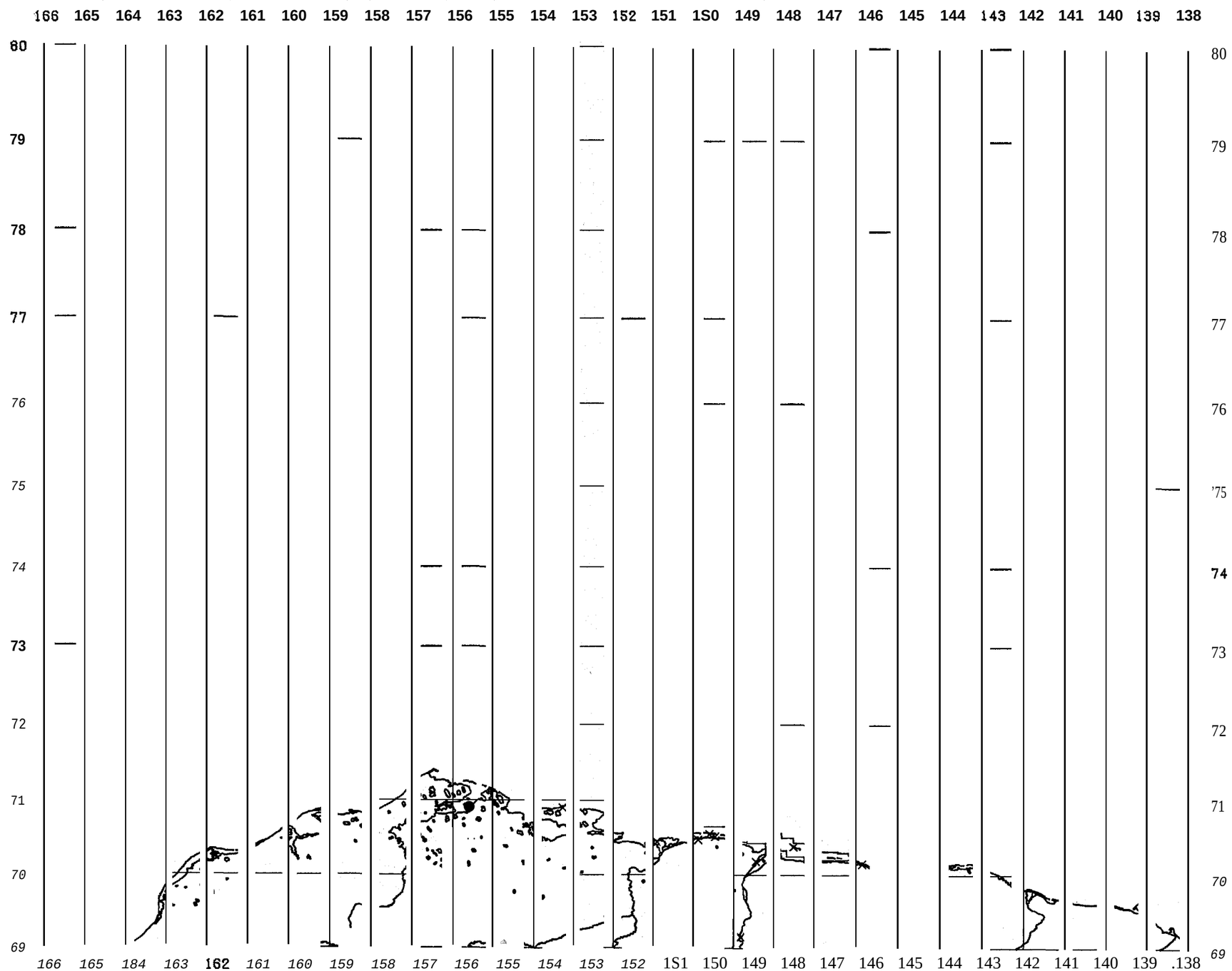
NOTE: DATA HELD AT THE NATIONAL GEO-PHYSICAL AND SOLAR-TERRESTRIAL DATA CENTER (NGSDC), IN BOULDER, COLORADO.

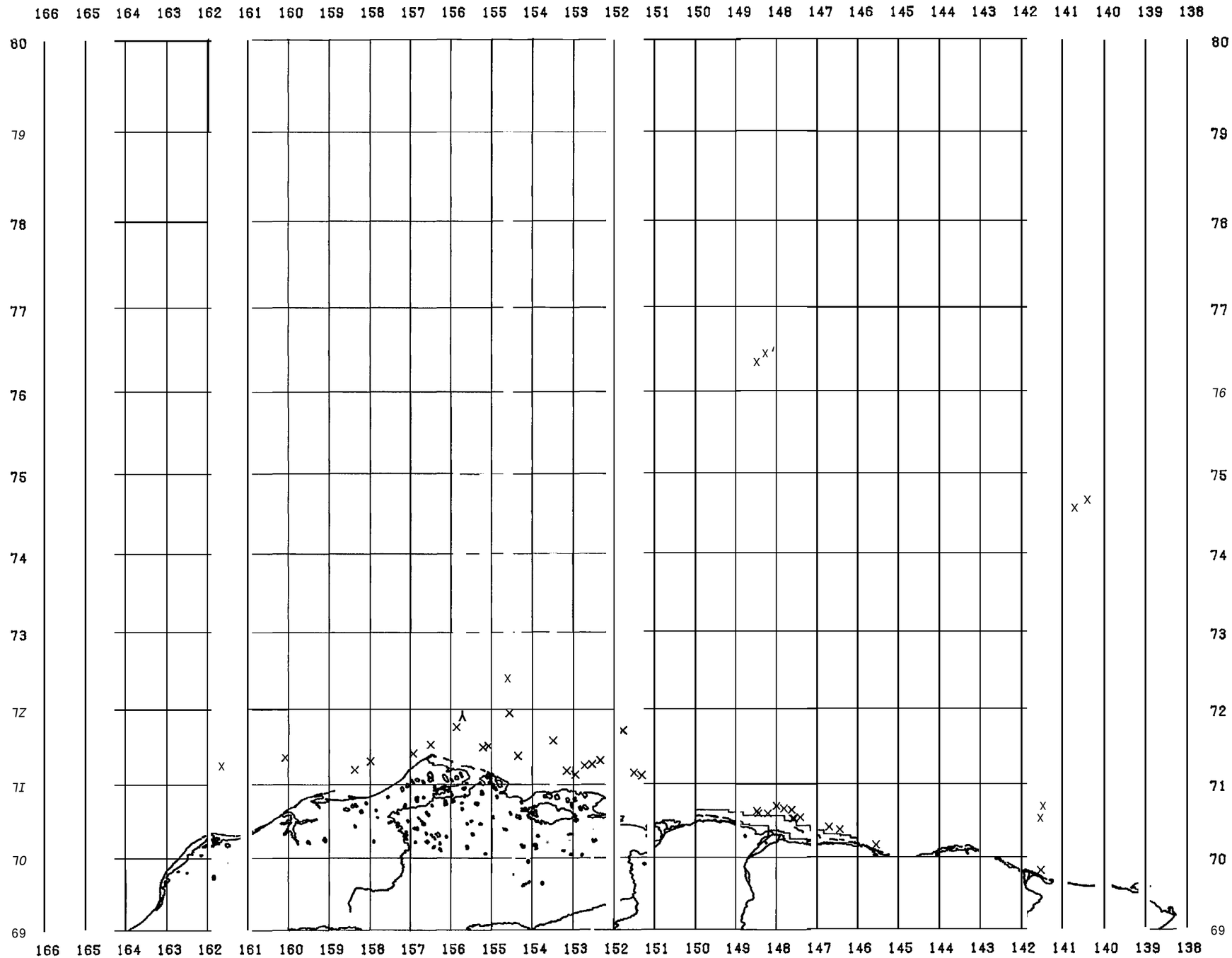
FILE TYPE 101

WIND DATA

OF 'POINTS PLOTTED 59

NOTE : EACH POINT REPRESENTS A LOCATION OF TIME SERIES DATA AND THEREFORE A SINGLE "X" REPRESENTS MANY OBSERVATIONS.





FILE TYPE 124
ZOOPLANKTON II

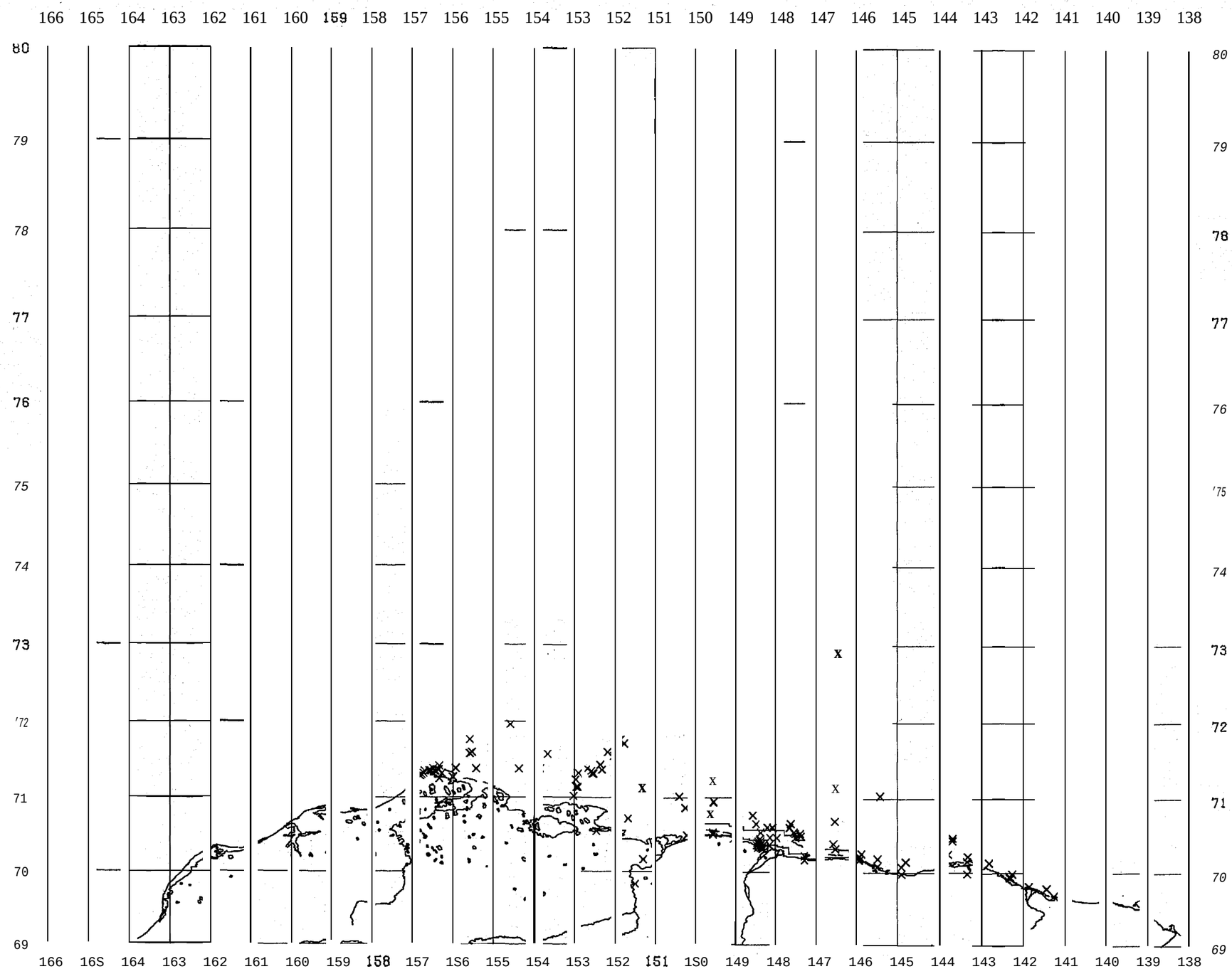
OF POINTS PLOTTED 91

NOTE: SEE FILE TYPE 024 FOR ADDITIONAL ZOOPLANKTON DATA.

FILE TYPE 402
MICROBIOLOGY

OF POINTS PLOTTED 264

NOTE : DATA' HELD AT THE NATIONAL INSTITUTES OF HEALTH, (NIH), IN BETHESDA, MARYLAND.



*U.S. GOVERNMENT PRINTING OFFICE : 1980 0 - 317-063