

# PETROCONSULTANTS, INC.

## EXPLORATION DATA

### VOLUME I

Copy 18

PETROCONSULTANTS, INC.  
International Energy Services  
Houston, Texas USA



50051

# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** South America

**Country:** Argentina

**Area:** Offshore Bahia Blanca

**Reference Number:** 01-001

**Type of Data:** Seismic

**Acquisition Date:** 1968

**Acquisition Contractor:** G.S.I

**Energy Source:** Air Guns

**Total:** 2,490 miles

**Recording Parameters:**

**Cable:** 1,600 M, 24 group

**Spread:** 0-1,425'-6,485'

**Group Interval:** 220'

**Recording:** Digital, TI 10,000

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 24 fold

**Field Tapes Available:** Yes

Full scale and reduced  
scale displays available.

**Processing Parameters:**

Demultiplex, Gain Recovery, Edit

Vertical Stack 2:1

Velocity Analysis

Deconvolution

RNMO, 12 Fold Stack

T. V. Filter



60°20'W

60°40'

61°

61°20'

61°40'

62°

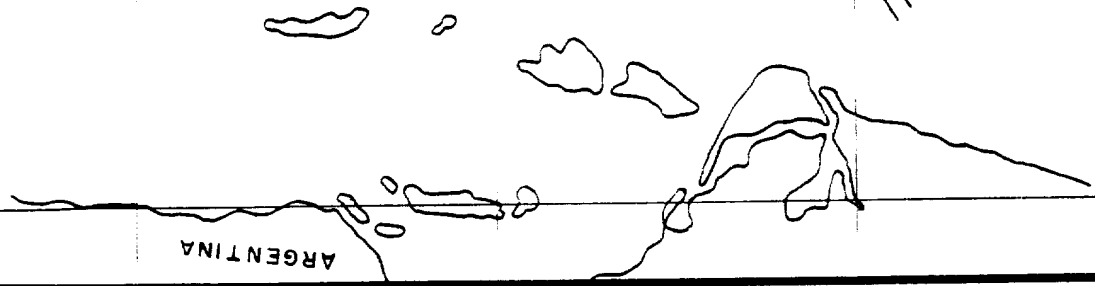
62°20'

40°00'S

40°20'

40°40'

REF. #01/001



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** North America

**Country:** Canada

**Area:** Beaufort Sea

**Reference Number:** 01-002

**Type of Data:** Seismic

**Acquisition Date:** 1970

**Acquisition Contractor:** Seismic Engineering

**Energy Source:** Air Guns

**Total:** 2,493 miles

## **Recording Parameters:**

**Cable:** 2,400 M, 24 group

**Spread:** 0-900'-8,444'

**Group Interval:** 328'

**Recording:** DFS III

**Sample Rate:** 4MS to 7 seconds

**Multiplicity:** 24 fold

**Field Tapes Available:** Yes

Full scale and reduced  
scale displays available.

## **Processing Parameters:**

Demultiplex, Gain Recovery, Edit  
Time Variant Deconvolution  
Velocity Analysis  
24 Fold Stack  
T. V. Filter



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** North America

**Country:** Canada

**Area:** Beaufort Sea

**Reference Number:** 01-003

**Type of Data:** Seismic

**Acquisition Date:** 1971

**Acquisition Contractor:** Aquatic Exploration

**Energy Source:** Aquapulse

**Total:** 2,292 miles

**Recording Parameters:**

**Cable:** 2,400 M, 24 group

**Spread:** 0-974'-8,518'

**Group Interval:** 328'

**Recording:** DFS III

**Sample Rate:** 4MS to 5, 6 & 7 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:** Yes

Full scale and reduced  
scale displays available

**Processing Parameters:**

Demultiplex, Gain Recovery, Edit  
Vertical Stack 4:1

DBS

Velocity Analysis

12 Fold Stack

DAS

T. V. Filter

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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** North America

**Country:** Canada

**Area:** Beaufort Sea

**Reference Number:** 01-004

**Type of Data:** Seismic

**Acquisition Date:** 1972

**Acquisition Contractor:** Aquatic Exploration

**Energy Source:** Aquapulse

**Total:** 3,851 miles

**Recording Parameters:**

**Cable:** 2,400 M, 24 group

**Spread:** 0-1,015'-8,559'

**Group Interval:** 328'

**Recording:** DFS III

**Sample Rate:** 4MS to 5, 6 & 7 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:** Yes

Full scale and reduced  
scale displays available

**Processing Parameters:**

Demultiplex, Gain Recovery, Edit  
Vertical Stack 4:1

DBS

Velocity Analysis

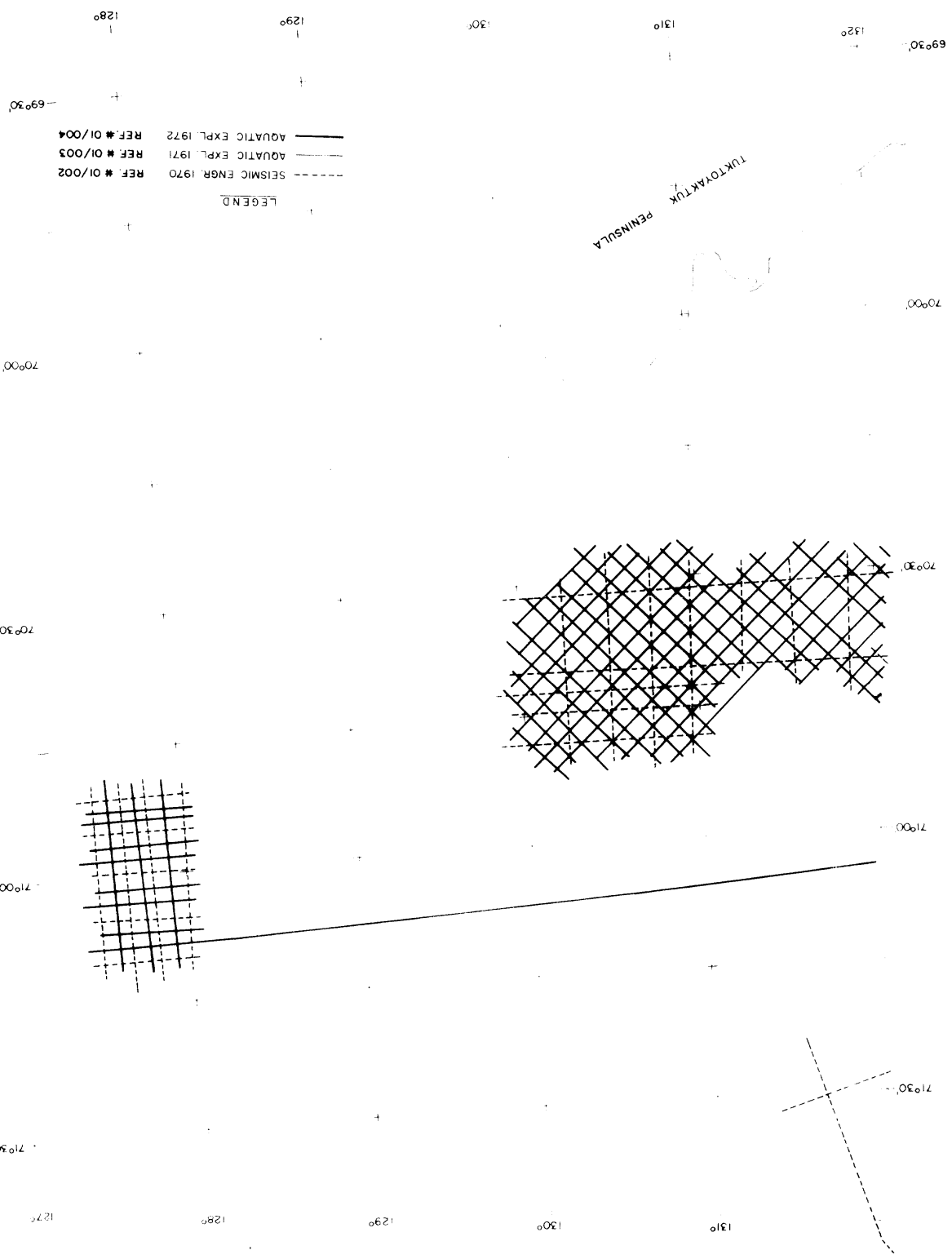
12 Fold Stack

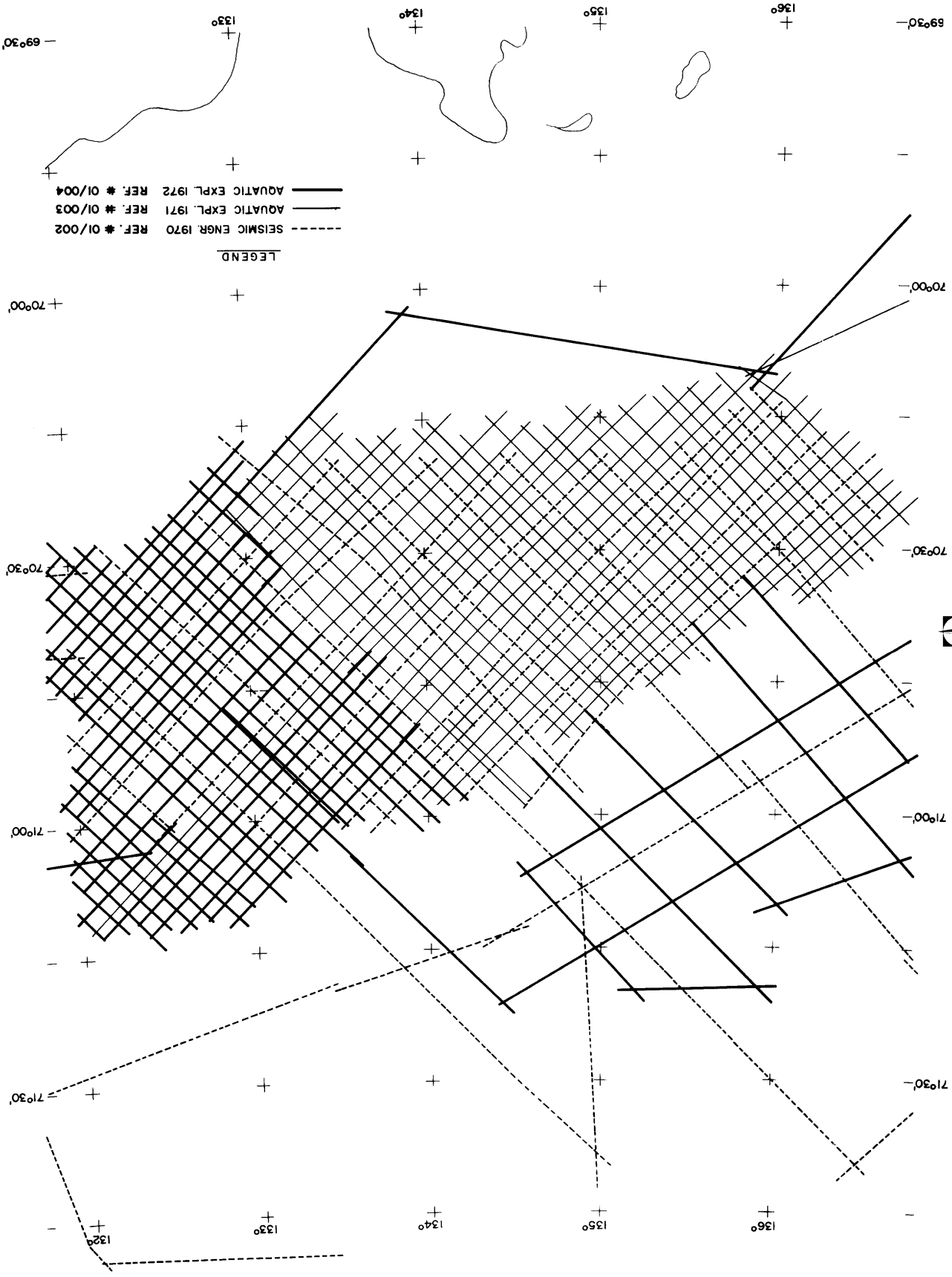
DAS

T. V. Filter

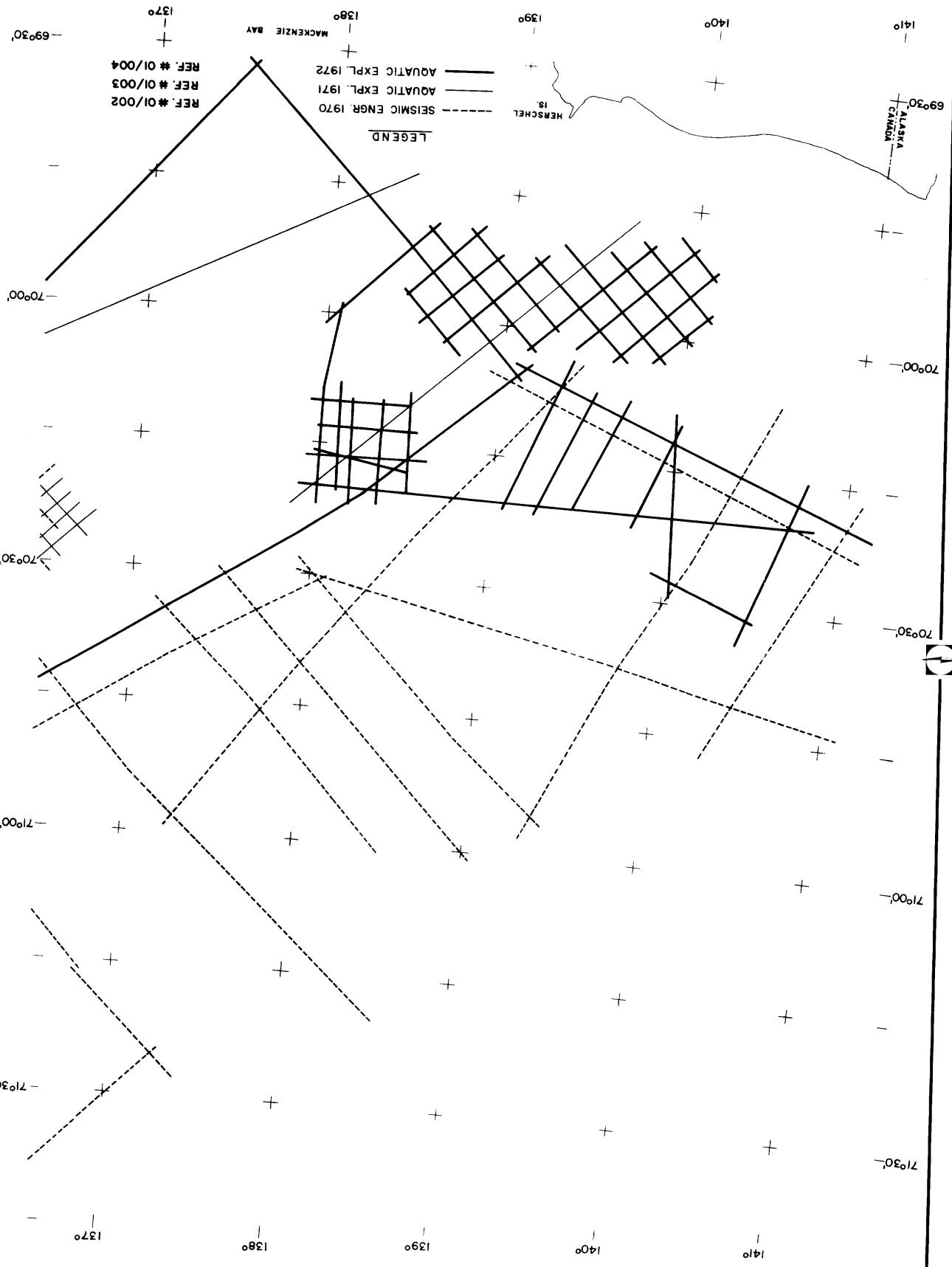
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REF. # 01/002  
 REF. # 01/003  
 REF. # 01/004

LEGEND  
 SEISMIC ENGR. 1970  
 AQUATIC EXPL. 1971  
 AQUATIC EXPL. 1972

MACKENZIE BAY

HERSCHEL IS.

ALASKA CANNON

# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** United Kingdom

**Area:** Celtic Sea

**Reference Number:** 01-005

**Type of Data:** Seismic

**Acquisition Date:** 1972

**Acquisition Contractor:** G.S.I

**Energy Source:** Air Guns

**Total:** 165 miles

## **Recording Parameters:**

**Cable:** 2,400 M, 48 group

**Spread:** 0-790'-8,498'

**Group Interval:** 50 M

**Recording:** DFS IV

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 24 fold

**Field Tapes Available:** Yes

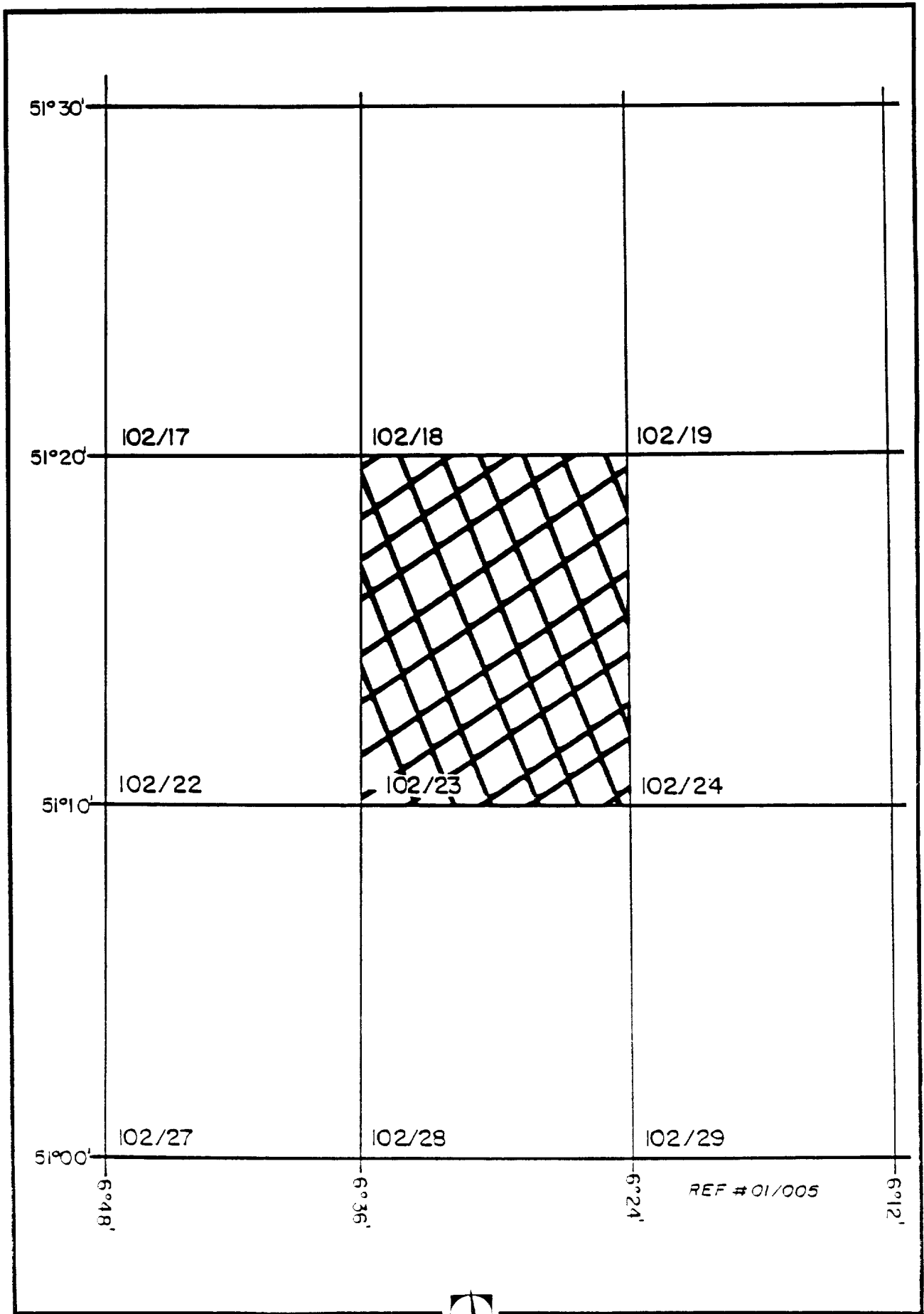
Full scale and reduced  
scale displays available

## **Processing Parameters:**

Demultiplex, Gain Recovery, Edit  
DBS  
Velocity Analysis  
24 Fold Stack  
DAS  
T. V. Filter

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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Celtic Sea

**Reference Number:** 01-006

**Type of Data:** Seismic

**Acquisition Date:** 1973

**Acquisition Contractor:** Aquatic Exploration

**Energy Source:** Aquapulse

**Total:** 550 miles

**Recording Parameters:**

**Cable:** 2,400 M, 24 group

**Spread:** 0-800'-8,344'

**Group Interval:** 328'

**Recording:** DFS III

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:** Yes

**Processing Parameters:**

Demultiplex, Gain Recovery, Edit  
Vertical Stack 2:1

DBS

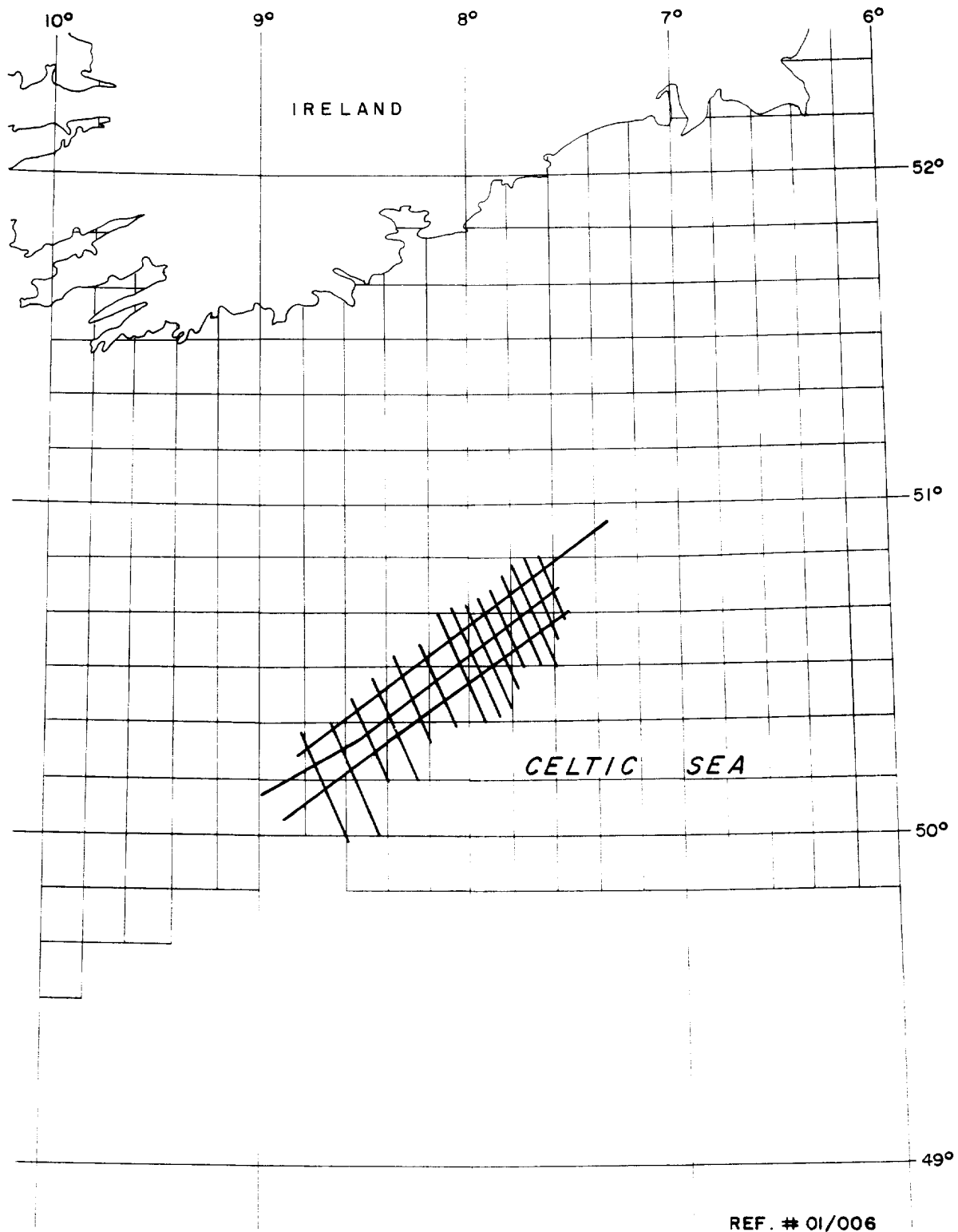
Velocity Analysis

24 Fold Stack

DAS

T. V. Filter





# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** S.W. Irish Waters

**Reference Number:** 01-007

**Type of Data:** Seismic

**Acquisition Date:** 1973

**Acquisition Contractor:** Aquatic Exploration

**Energy Source:** Aquapulse

**Total:** 2,945 miles

## **Recording Parameters:**

**Cable:** 2,400 M, 24 group

**Spread:** 0-800'-8,344'

**Group Interval:** 328'

**Recording:** DFS III

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:** Yes

## **Processing Parameters:**

Demultiplex, Gain Recovery, Edit  
Vertical Stack 2:1

DBS

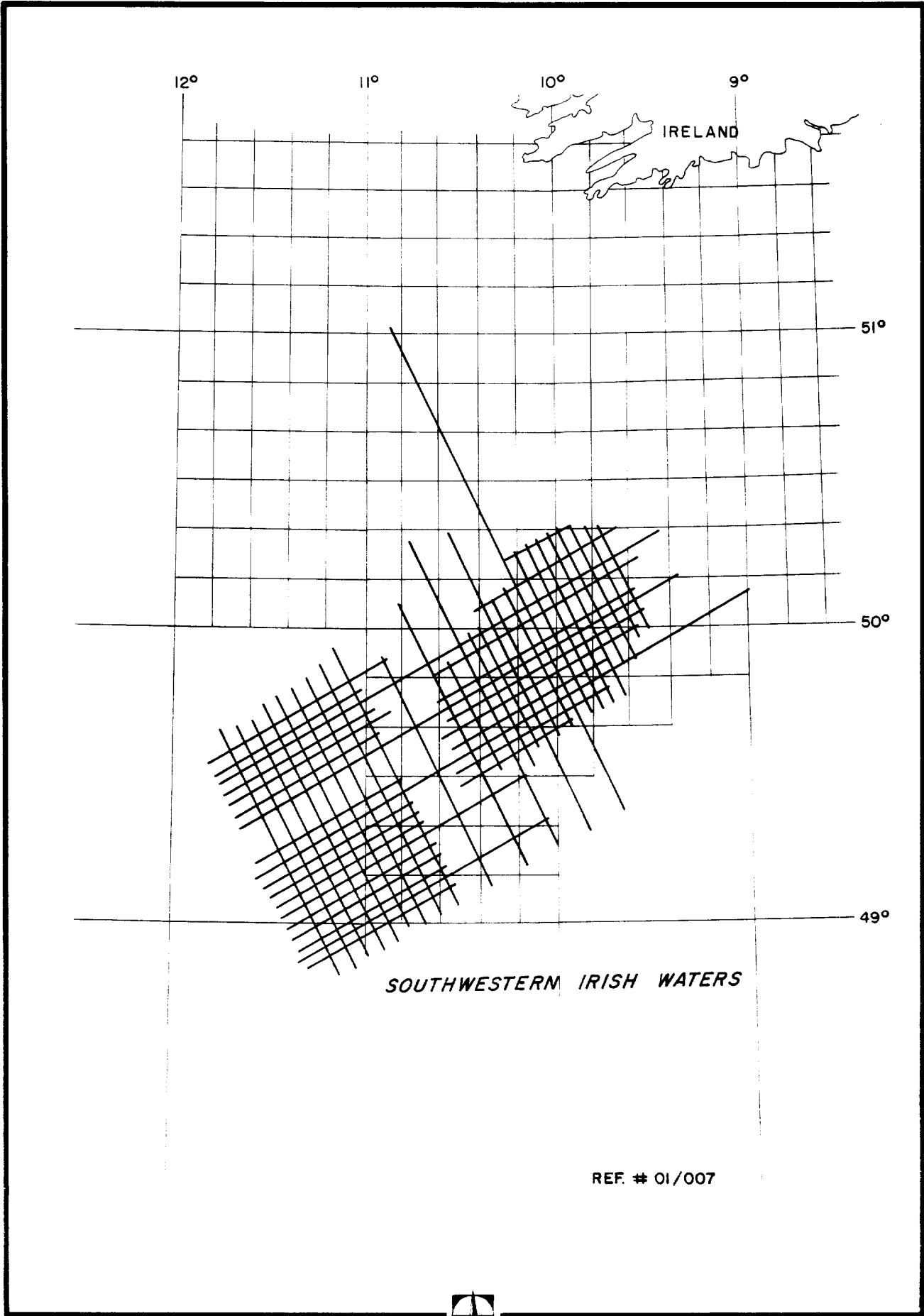
Velocity Analysis

24 Fold Stack

DAS

T. V. Filter





# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** West Irish Waters

**Reference Number:** 01-008

**Type of Data:** Seismic

**Acquisition Date:** 1973

**Acquisition Contractor:** Aquatic Exploration

**Energy Source:** Aquapulse

**Total:** 4,535 miles

**Recording Parameters:**

**Cable:** 2,400 M, 24 group

**Spread:** 0-800'-8,344'

**Group Interval:** 328'

**Recording:** DFS III

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:** Yes

**Processing Parameters:**

Demultiplex, Gain Recovery, Edit  
Vertical Stack 2:1

DBS

Velocity Analysis

24 Fold Stack

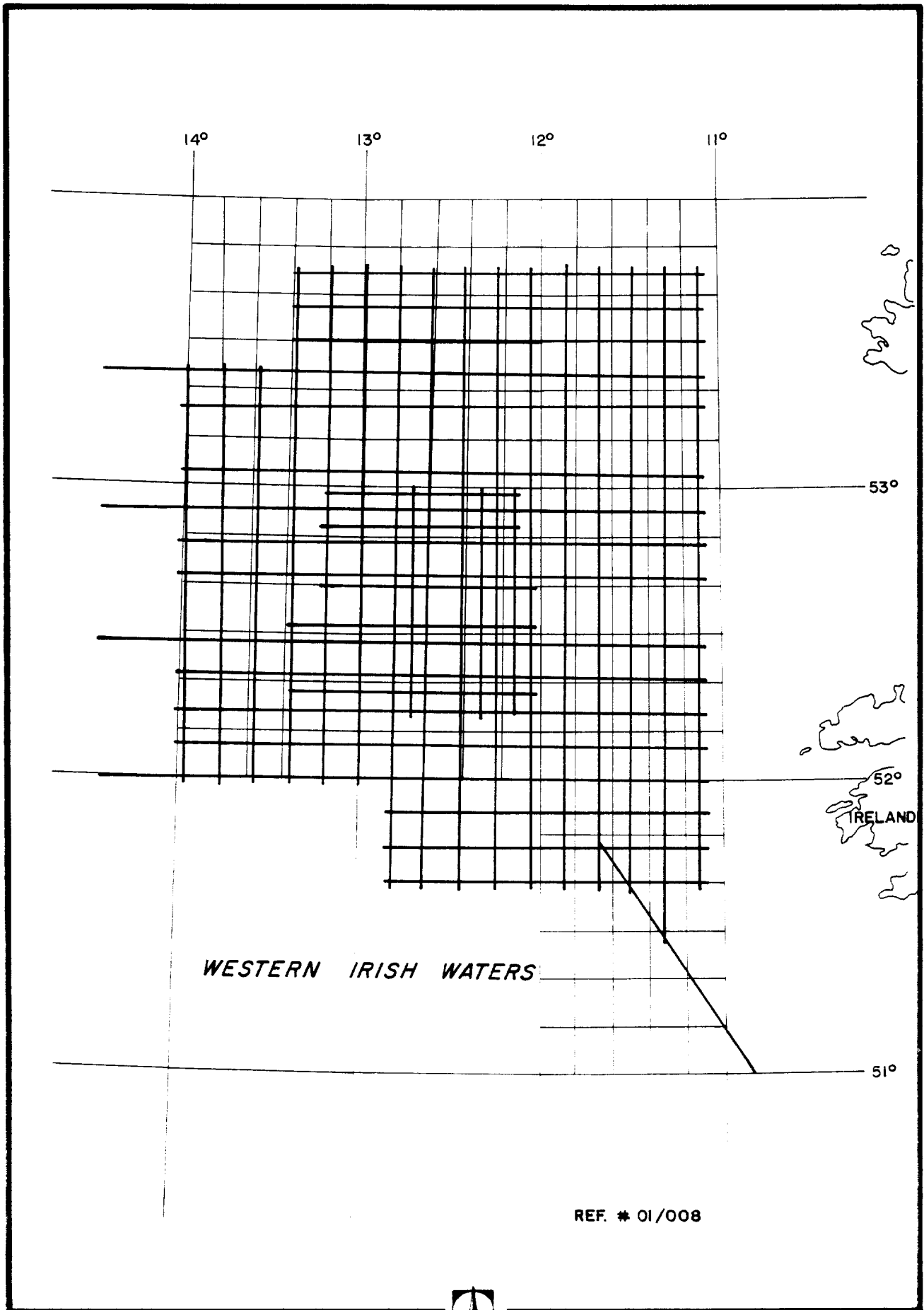
DAS

T. V. Filter

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14°

13°

12°

11°

53°

52°

51°

*WESTERN IRISH WATERS*

IRELAND

REF. # 01/008



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Africa

**Country:** Mozambique

**Area:** Zambeze Delta

**Reference Number:** 01-009

**Type of Data:** Seismic

**Acquisition Date:** 1968

**Acquisition Contractor:** Ray Geophysical

**Energy Source:** Air Guns

**Total:** 1,974 miles

## **Recording Parameters:**

**Cable:** 2,400 M, 24 group

**Spread:** 0-700'-8635'

**Group Interval:** 345'

**Recording:** TI 10,000

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 36 fold

**Field Tapes Available:** Yes

Full scale and reduced  
scale displays available.

## **Processing Parameters:**

Demultiplex, Gain Recovery, Edit

Vertical Stack 3:1

Deconvolution

NMO

Digital Filtering

12 Fold Stack



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Africa

**Country:** Mozambique

**Area:** Zambeze Delta

**Reference Number:** 01-010

**Type of Data:** Seismic

**Acquisition Date:** 1969-70

**Acquisition Contractor:** Aquatic Exploration

**Energy Source:** Aquapulse

**Total:** 3,783 miles

**Recording Parameters:**

**Cable:** 2,400 M, 24 group

**Spread:** 0-984'-8,528'

**Group Interval:** 100 M

**Recording:** DFS III

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:** Yes

Full scale and reduced  
scale displays available

**Processing Parameters:**

Demultiplex, Gain Recovery, Edit

Vertical Stack 4:1

Deconvolution

NMO

12 Fold Stack

T.V. Filter

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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Africa  
**Country:** Mozambique  
**Area:** Zambeze Delta  
**Reference Number:** 01-011

**Type of Data:** Seismic

**Acquisition Date:** 1970

**Acquisition Contractor:** Aquatic Exploration

**Energy Source:** Aquapulse

**Total:** 747 miles

## **Recording Parameters:**

**Cable:** 2,400 M, 24 group

**Spread:** 0-984'-8,528'

**Group Interval:** 100 M

**Recording:** DFS III

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 48 fold

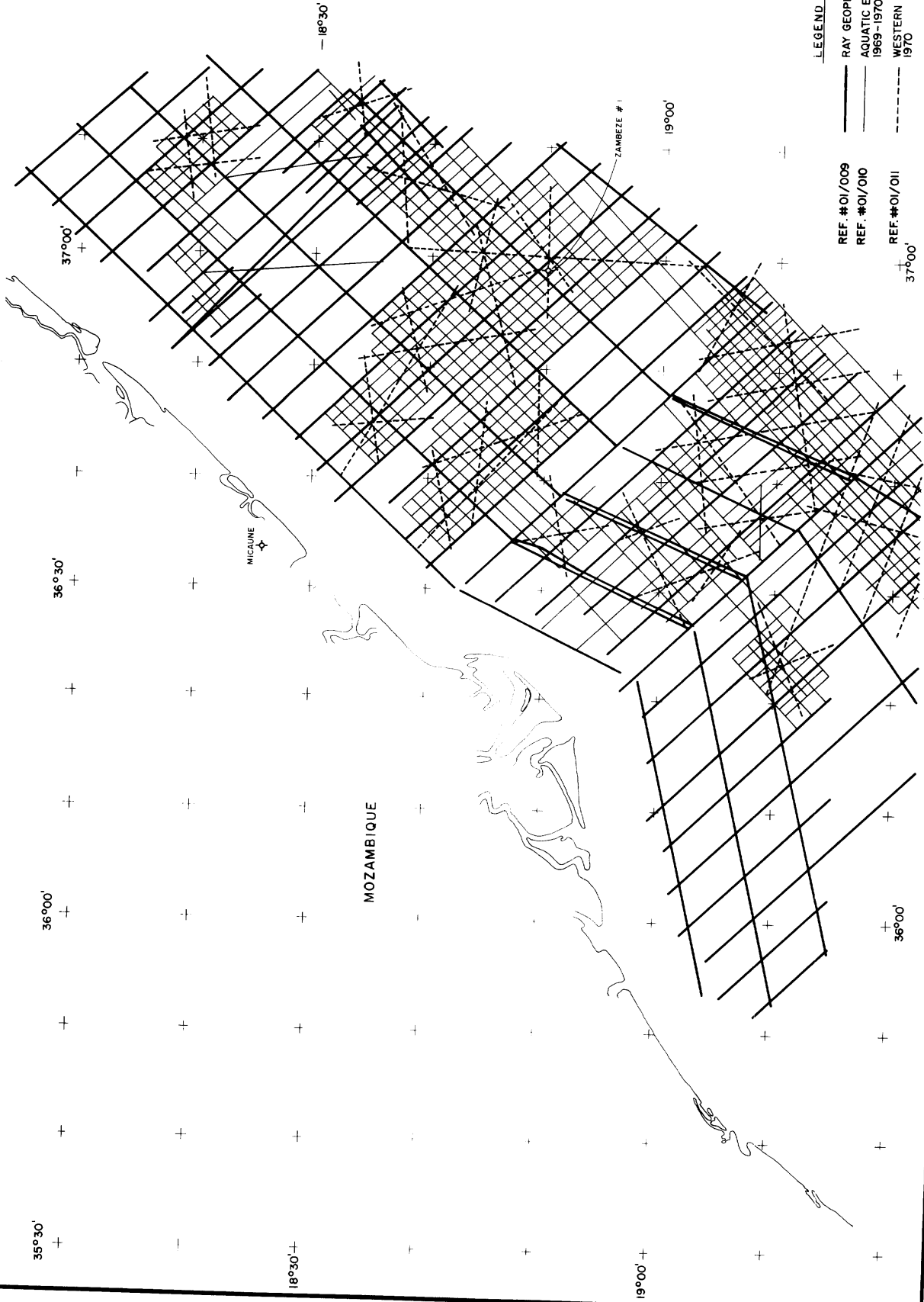
**Field Tapes Available:** Yes

Full scale and reduced  
scale displays available

## **Processing Parameters:**

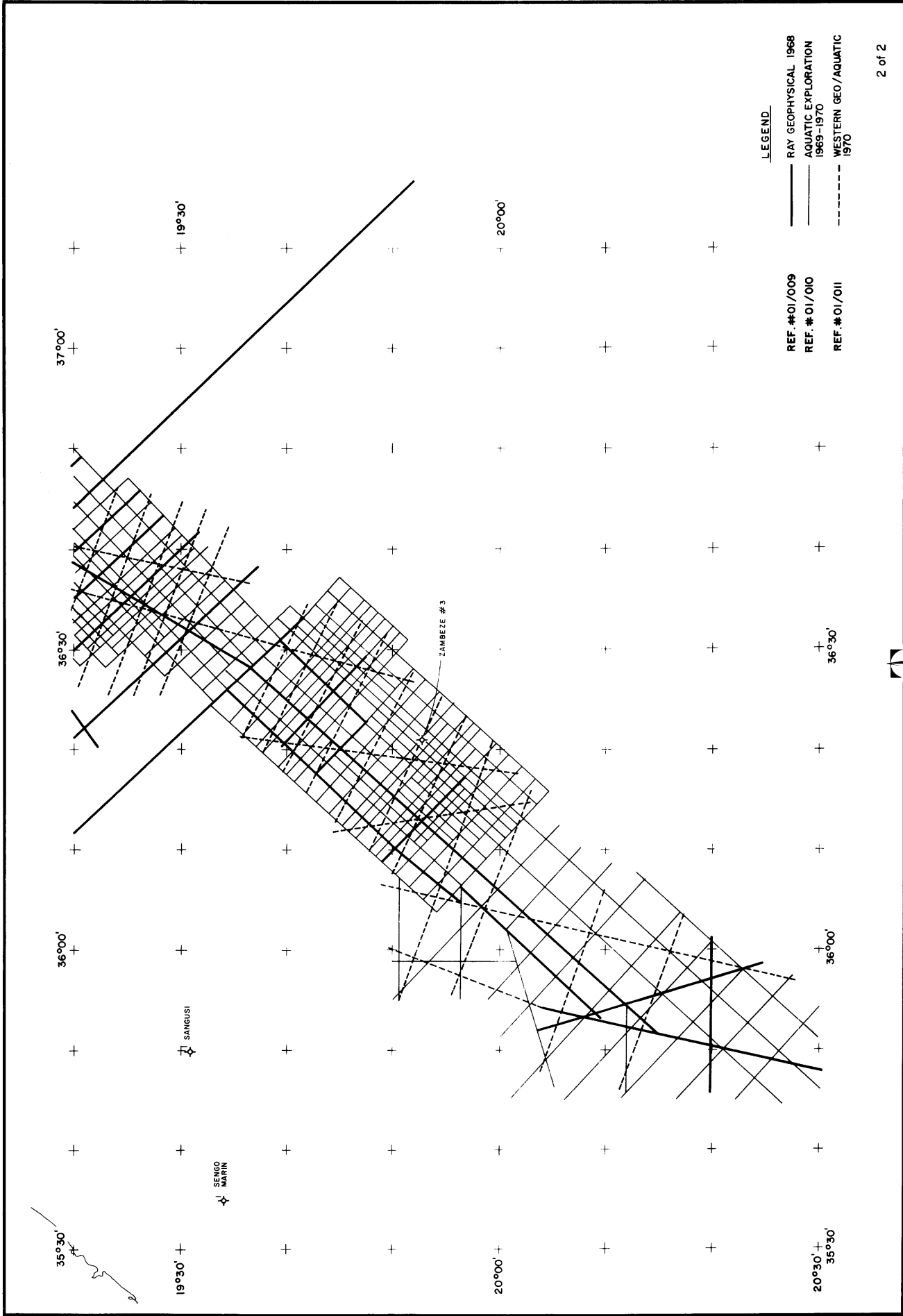
Demultiplex, Gain Recovery, Edit  
Vertical Stack 4:1  
Deconvolution  
NMO  
12 Fold Stack  
T.V. Filter





LEGEND

- REF. #01/009 — RAY GEOPHYSICAL 1968
- REF. #01/010 — AQUATIC EXPLORATION 1969-1970
- REF. #01/011 — WESTERN GEO/AQUATIC 1970



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe  
**Country:** United Kingdom  
**Area:** North Sea - Block 16/12  
**Reference Number:** 01-012

**Type of Data:** Seismic

**Acquisition Date:** 1972

**Acquisition Contractor:** G.S.I.

**Energy Source:** Air Guns

**Total:** 200 miles

## **Recording Parameters:**

**Cable:** 2,400 M, 48 group

**Spread:** 0-859'-8,567'

**Group Interval:** 50 M

**Recording:** DFS IV

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 24 fold

**Field Tapes Available:** Yes

Full scale and reduced  
scale displays available

## **Processing Parameters:**

Demultiplex, Gain Recovery, Edit  
Deconvolution  
Velocity Analysis  
24 Fold Stack  
T. V. Filter  
Migration (selected lines)

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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** United Kingdom

**Area:** North Sea - Block 16/12

**Reference Number:** 01-013

**Type of Data:** Seismic

**Acquisition Date:** 1976

**Acquisition Contractor:** Seismic Engineering

**Energy Source:** Air Guns

**Total:** 101 miles

**Recording Parameters:**

**Cable:** 2,400 M, 48 group

**Spread:** 0-820'-8,528'

**Group Interval:** 50 M

**Recording:** DDS 888

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:** Yes

Full scale and reduced  
scale displays available

**Processing Parameters:**

Demultiplex, Gain Recovery, Edit

2:1 Vertical Stack

Deconvolution

Velocity Analysis

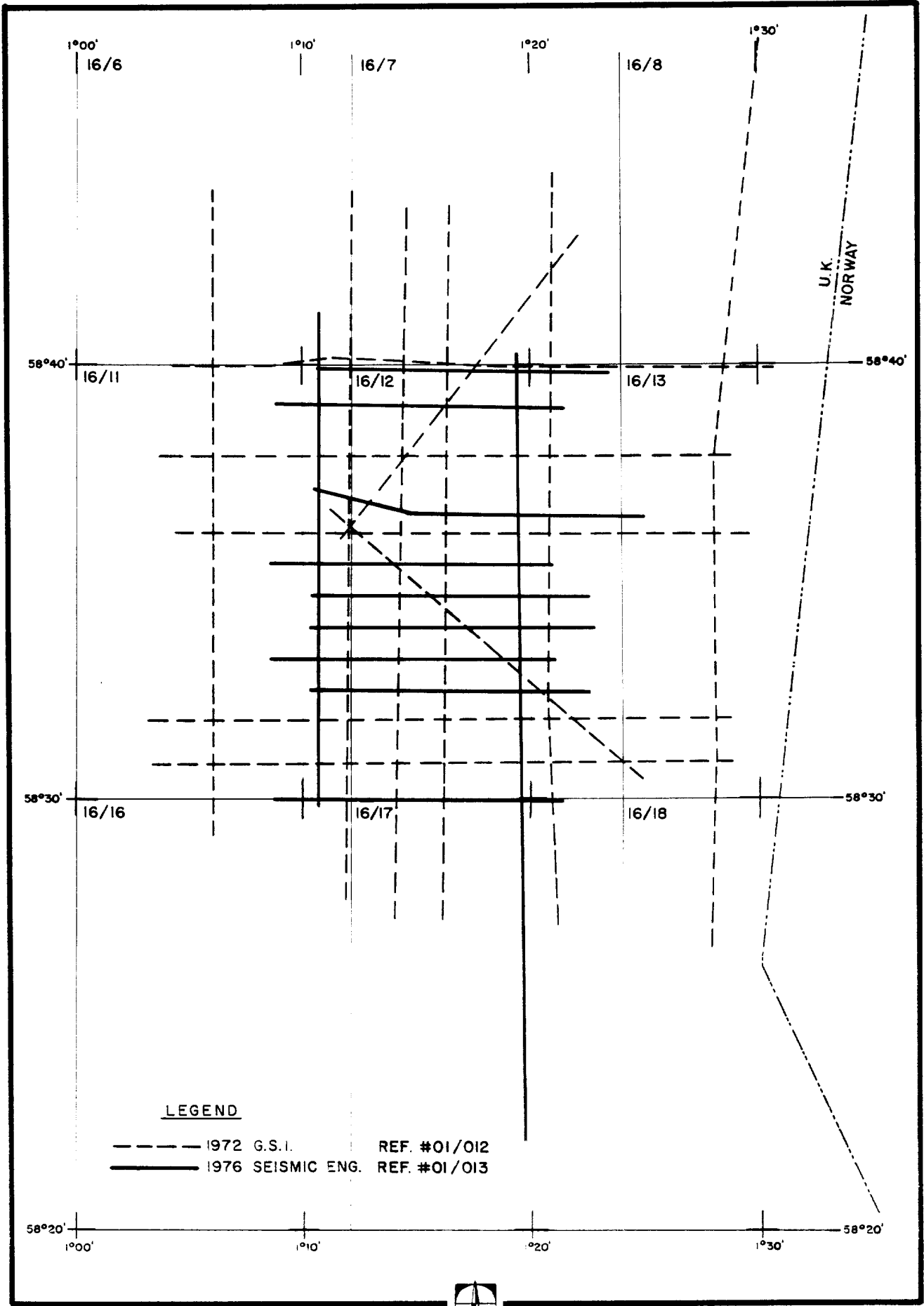
24 Fold Stack

T. V. Filter

Migration







LEGEND

- 1972 G.S.I. REF. #01/012
- 1976 SEISMIC ENG. REF. #01/013

# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** United Kingdom

**Area:** North Sea - Block 211/3, 8

**Reference Number:** 01-014

**Type of Data:** Seismic

**Acquisition Date:** 1972

**Acquisition Contractor:** G.S.I.

**Energy Source:** Air Guns

**Total:** 380 miles

**Recording Parameters:**

**Cable:** 2,400 M, 48 group

**Spread:** 0-859'-8,567'

**Group Interval:** 50 M

**Recording:** DFS IV

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 24 fold

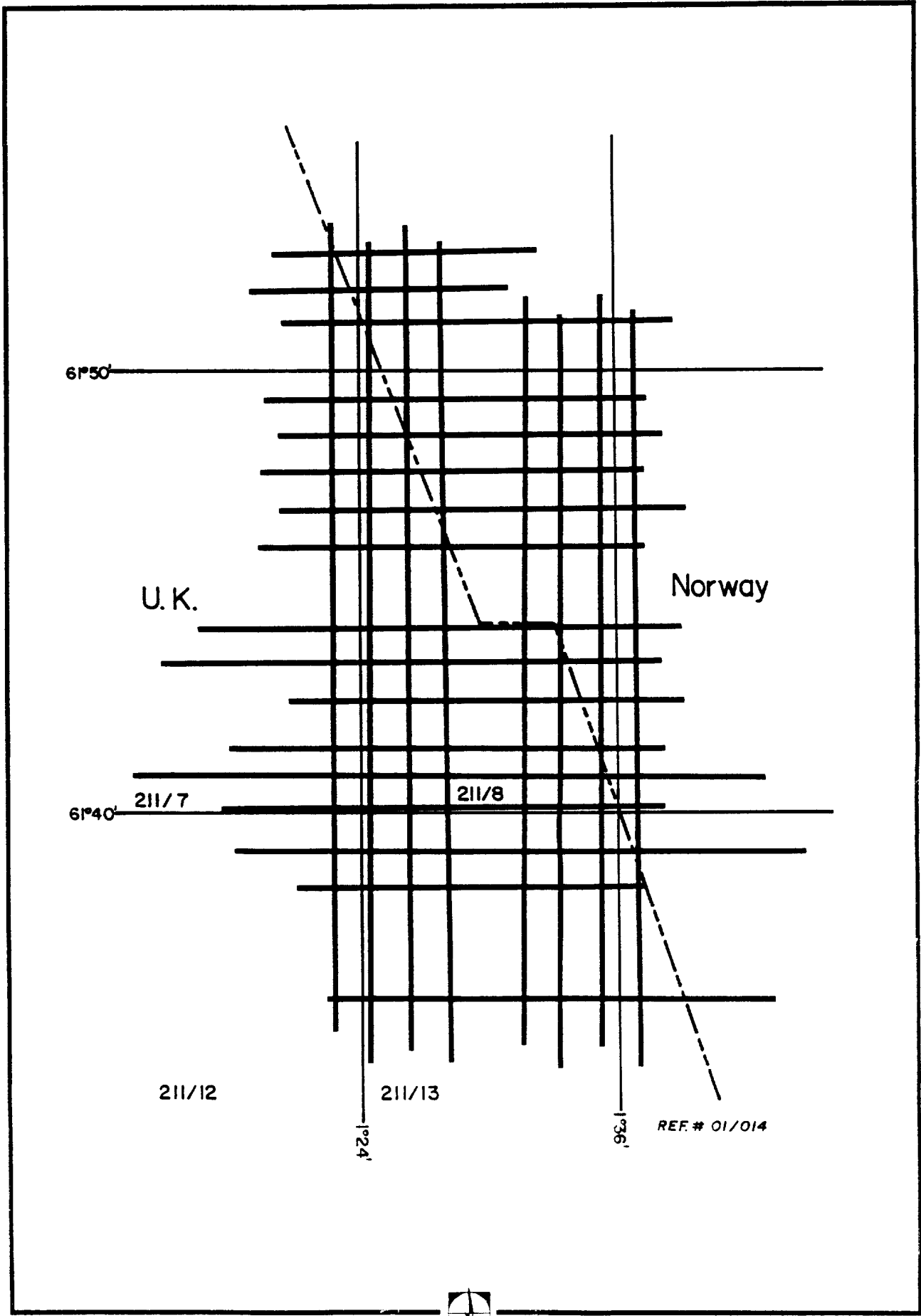
**Field Tapes Available:** Yes

Full scale and reduced  
scale displays available

**Processing Parameters:**

Demultiplex, Gain Recovery, Edit  
Deconvolution  
Velocity Analysis  
24 Fold Stack





# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** United Kingdom

**Area:** North Sea - Block 202/4

**Reference Number:** 01-015

**Type of Data:** Seismic

**Acquisition Date:** 1972

**Acquisition Contractor:** Prakla

**Energy Source:** Air Guns

**Total:** 132 miles

**Recording Parameters:**

**Cable:** 2,400 M, 48 group

**Spread:** 0-984'-8,692'

**Group Interval:** 50 M

**Recording:** DFS IV

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 24 fold

**Field Tapes Available:** Yes

**Processing Parameters:**

Demultiplex, Gain Recovery, Edit

DBS

Velocity Analysis

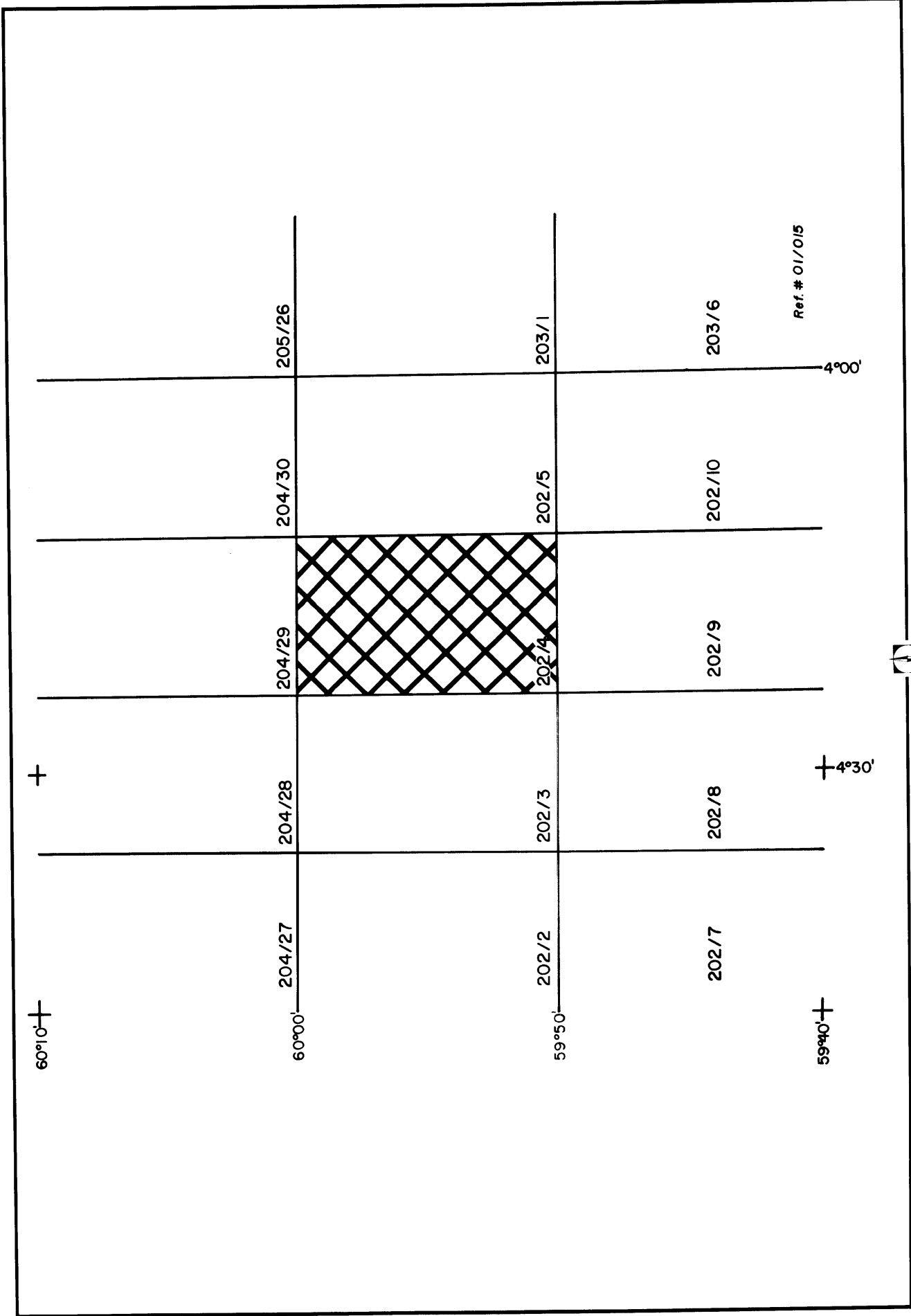
Dynamic Corrections

24 Fold Stack

DAS

Filter





60°10'+

204/27

204/28

204/29

204/30

205/26

202/2

202/3

202/4

202/5

203/1

202/7

202/8

202/9

202/10

203/6

59°40'+

+4°30'

4°00'

Ref. # 01/015



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Asia

**Country:** Seychelles Islands

**Area:** Offshore

**Reference Number:** 01-016

**Type of Data:** Seismic

**Acquisition Date:** 1970

**Acquisition Contractor:** Aquatic Exploration

**Energy Source:** Aquapulse

**Total:** 99 miles

**Recording Parameters:**

**Cable:** 2,400 M, 24 group

**Spread:** 0-968'-8,512'

**Group Interval:** 100 M

**Recording:** DFS III

**Sample Rate:** 4MS to 6 & 8 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:** Yes

**Processing Parameters:**

Demultiplex, Gain Recovery, Edit

Vertical Stack 4:1

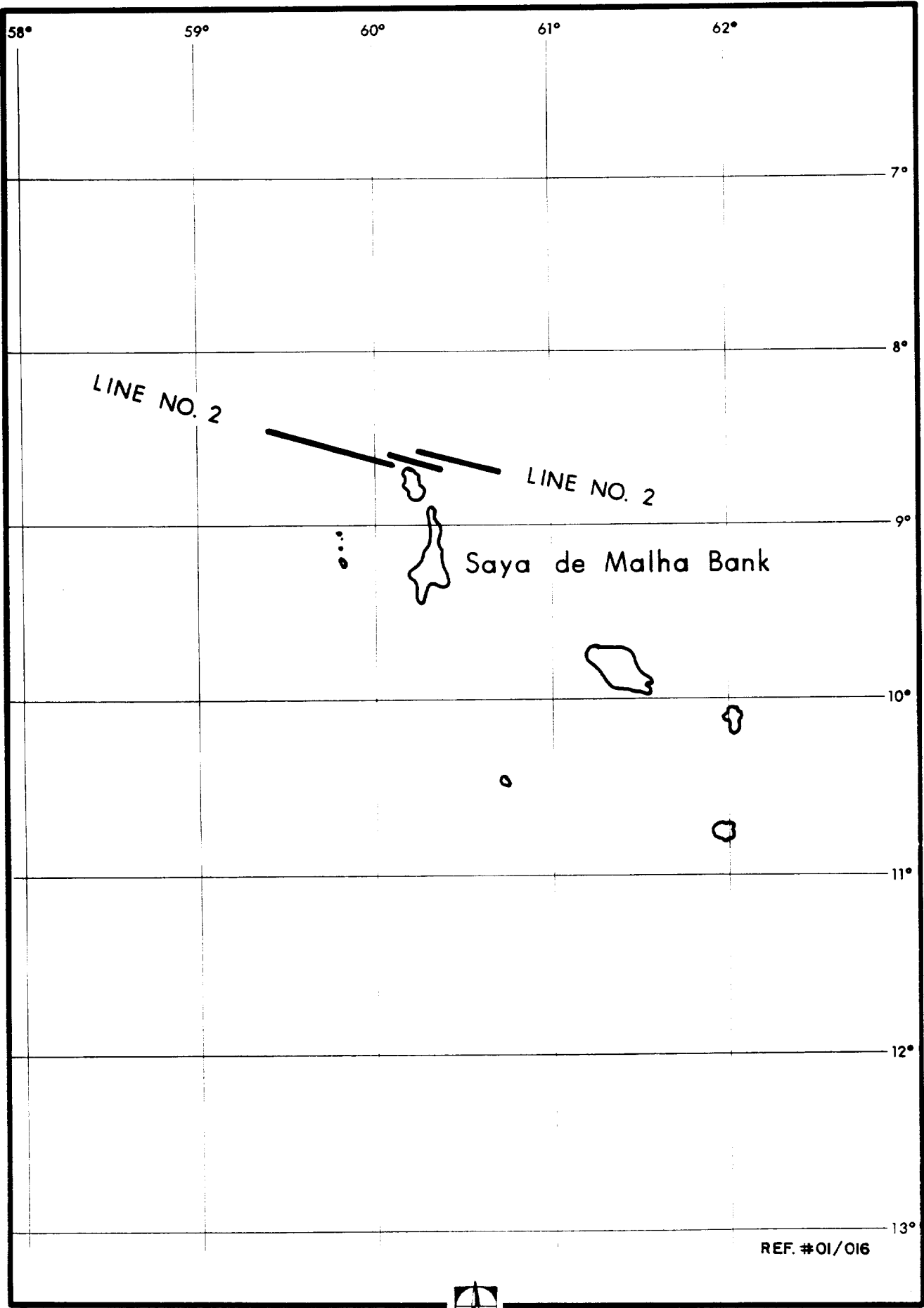
Deconvolution

Velocity Analysis

12 Fold Stack

T. V. Filter





LINE NO. 2

LINE NO. 2

Saya de Malha Bank

REF. #01/016



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** South America

**Country:** Guyana

**Area:** Offshore

**Reference Number:** 02-001

**Type of Data:** Seismic, Gravity and  
Magnetics

**Acquisition Date:** 1981, 1982

**Acquisition Contractor:** Western

**Energy Source:** Aquapulse

**Total:** 2,693 miles

**Recording Parameters:**

**Cable:** 2,400 M, 96 group

**Spread:** 0-250 M-2,625 M

**Group Interval:** 25 M

**Recording:** DFS V

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:** Yes

Full scale and reduced  
scale displays available

Gravity and magnetics available.

**Processing Parameters:**

Demultiplex, Edit

Adjacent shot sum

DBS

Optm Weighted Stack 2 X 2400

Relative Amplitude Comp.

DAS

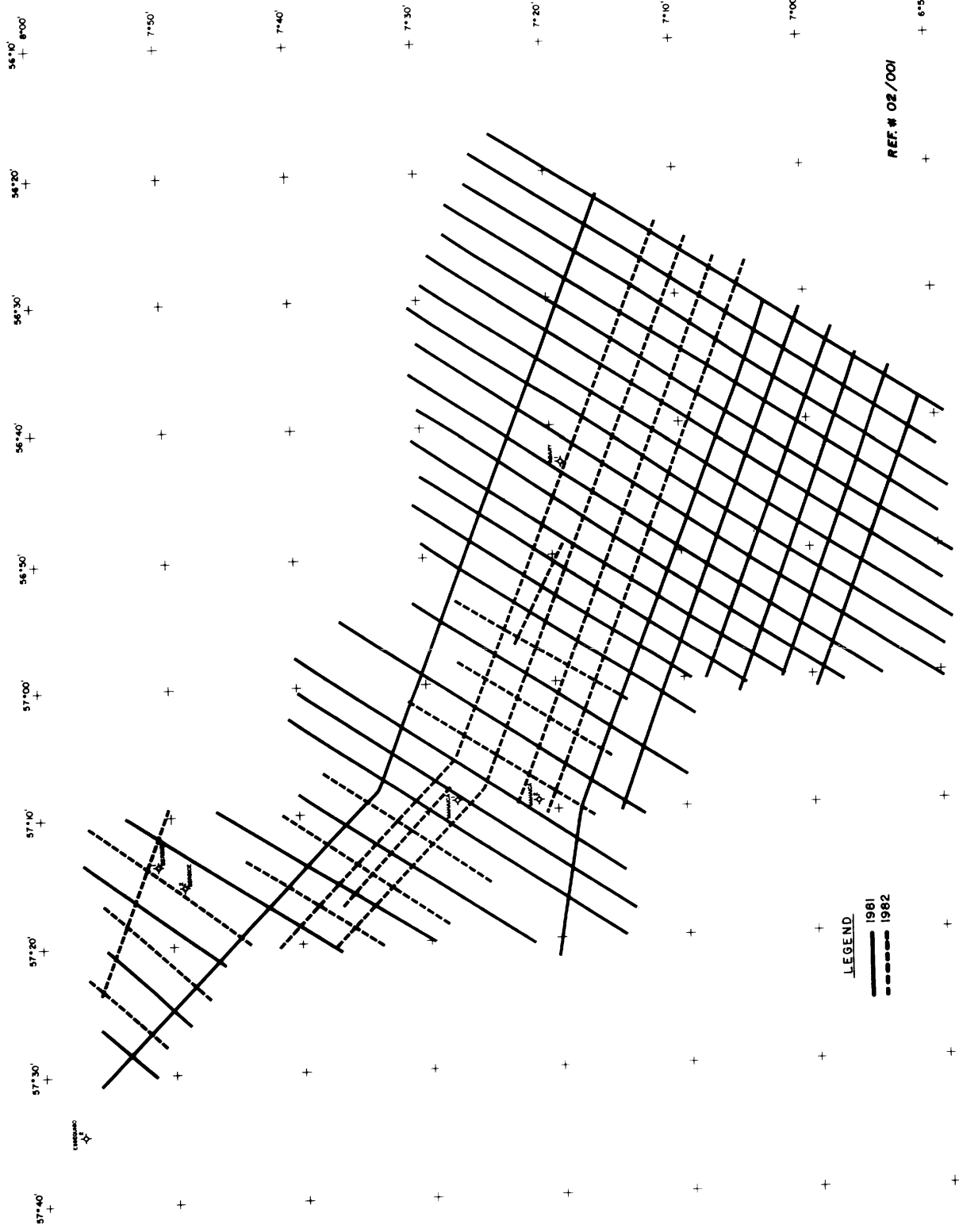
T. V. Filter

Migration

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LEGEND

LEGEND  
 ——— 1981  
 - - - - 1982

REF. # 02/001



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Western Waters

**Reference Number:** 77-01

**Type of Data:** Seismic

**Acquisition Date:** 1977

**Acquisition Contractor:** C.G.G.

**Energy Source:** Vaporchoc

**Total:** 252 km

**Recording Parameters:**

**Cable:** 2,400 m, 24 Group

**Spread:** N/A

**Group Interval:** 50 m

**Recording:** SN 388B

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

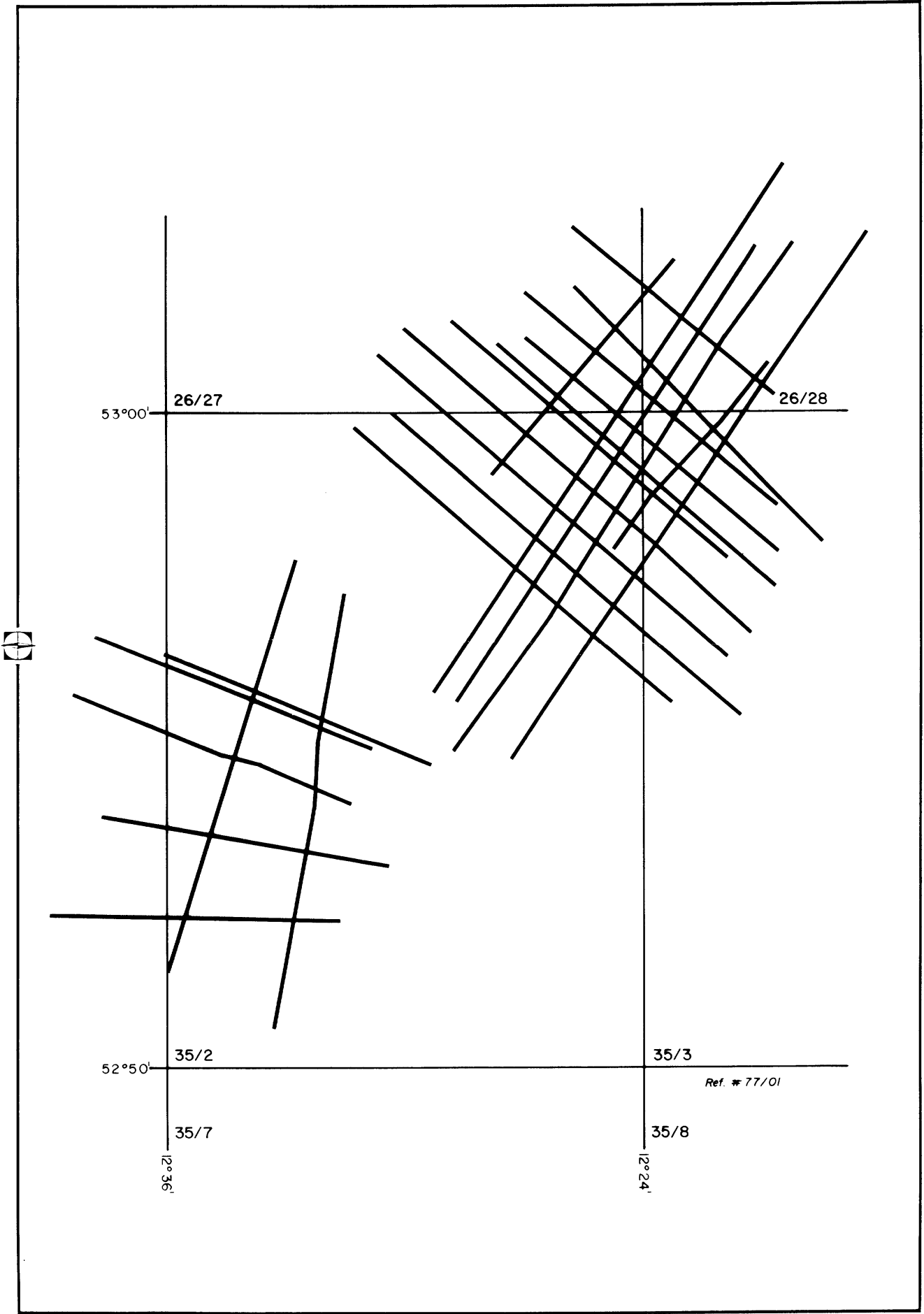
4800%

DBS

DAS

T. V. Filter





# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Celtic Sea

**Reference Number:** 77-02

**Type of Data:** Seismic

**Acquisition Date:** 1977

**Acquisition Contractor:** Western

**Energy Source:** Maxipulse

**Total:** 889 km

**Recording Parameters:**

**Cable:** 2,400 m, 96 Group

**Spread:** N/A

**Group Interval:** 25 m

**Recording:** DDS 888

**Sample Rate:** 4MS to 4 seconds

**Multiplicity:** 60 fold

**Field Tapes Available:**

**Processing Parameters:**

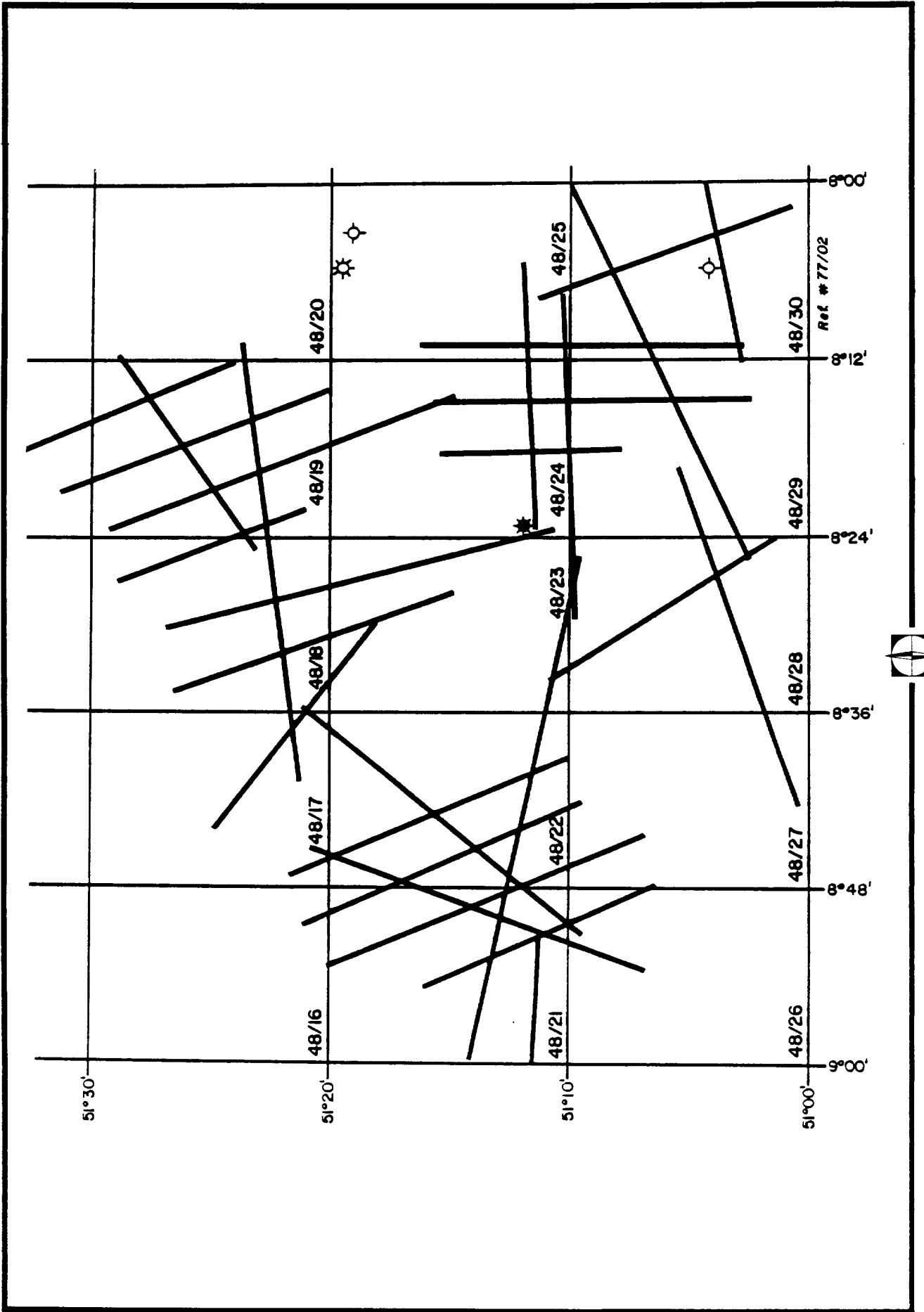
6000%

DBS

DAS

T. V. Filter





# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Kish Basin

**Reference Number:** 77-03

**Type of Data:** Seismic

**Acquisition Date:** 1977

**Acquisition Contractor:** Seiscom Delta

**Energy Source:** Air Guns

**Total:** 547 km

**Recording Parameters:**

**Cable:** 2,400 m, 48 Group

**Spread:** N/A

**Group Interval:** 50 m

**Recording:** DFS 4

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

4800%

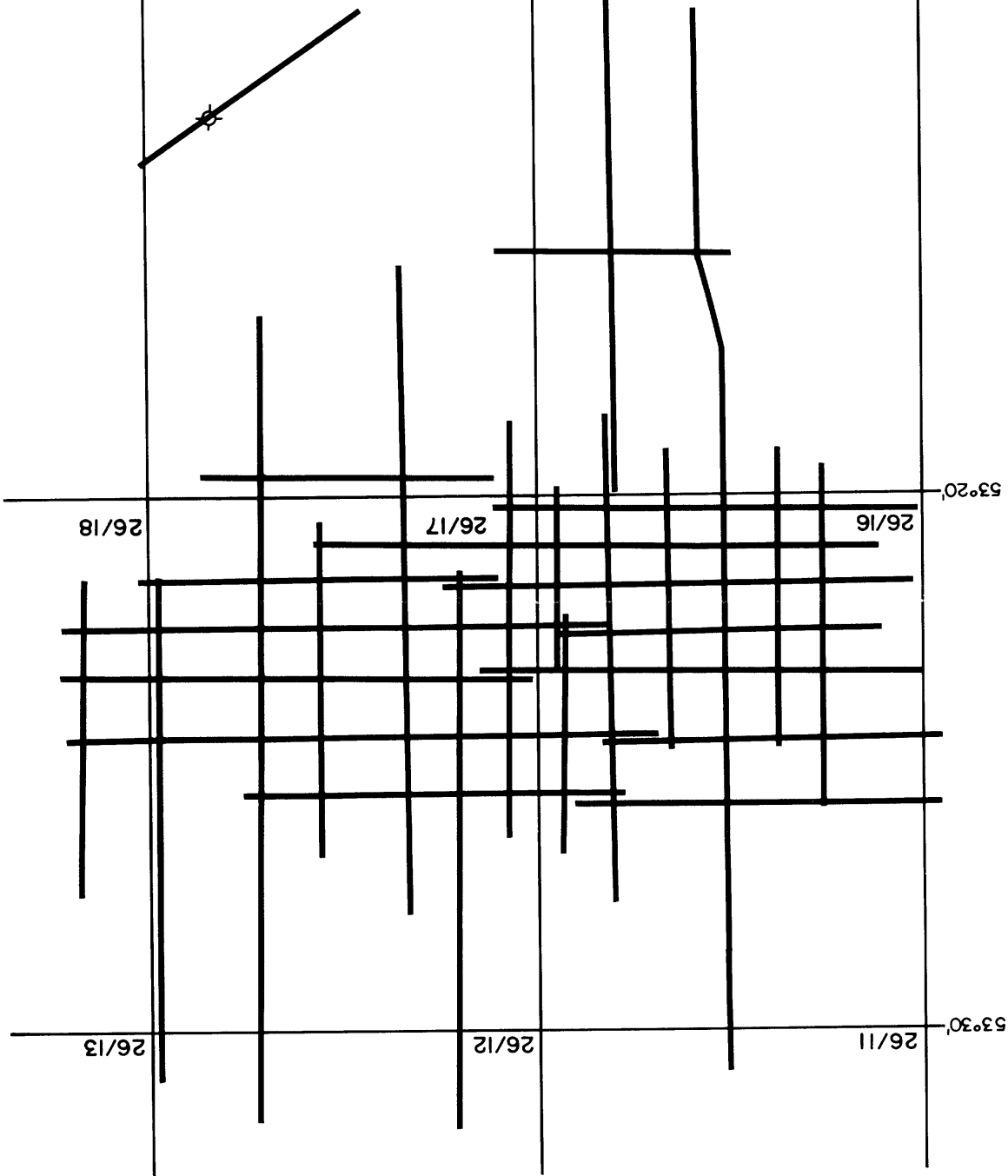
DBS

DAS

T. V. Filter



53°10' 26/21 13°00'  
26/22 12°48'  
26/23 12°36' Ref. # 77/03



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Bank

**Reference Number:** 77-04A-  
77-04L

**Type of Data:** Seismic

**Acquisition Date:** 1977

**Acquisition Contractor:** C.G.G.

**Energy Source:** Vaporchoc

**Total:** 4,400 km

**Recording Parameters:**

**Cable:** 2,400 m, 48 Group

**Spread:** N/A

**Group Interval:** 50 m

**Recording:** SN 338B

**Sample Rate:** 4MS

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

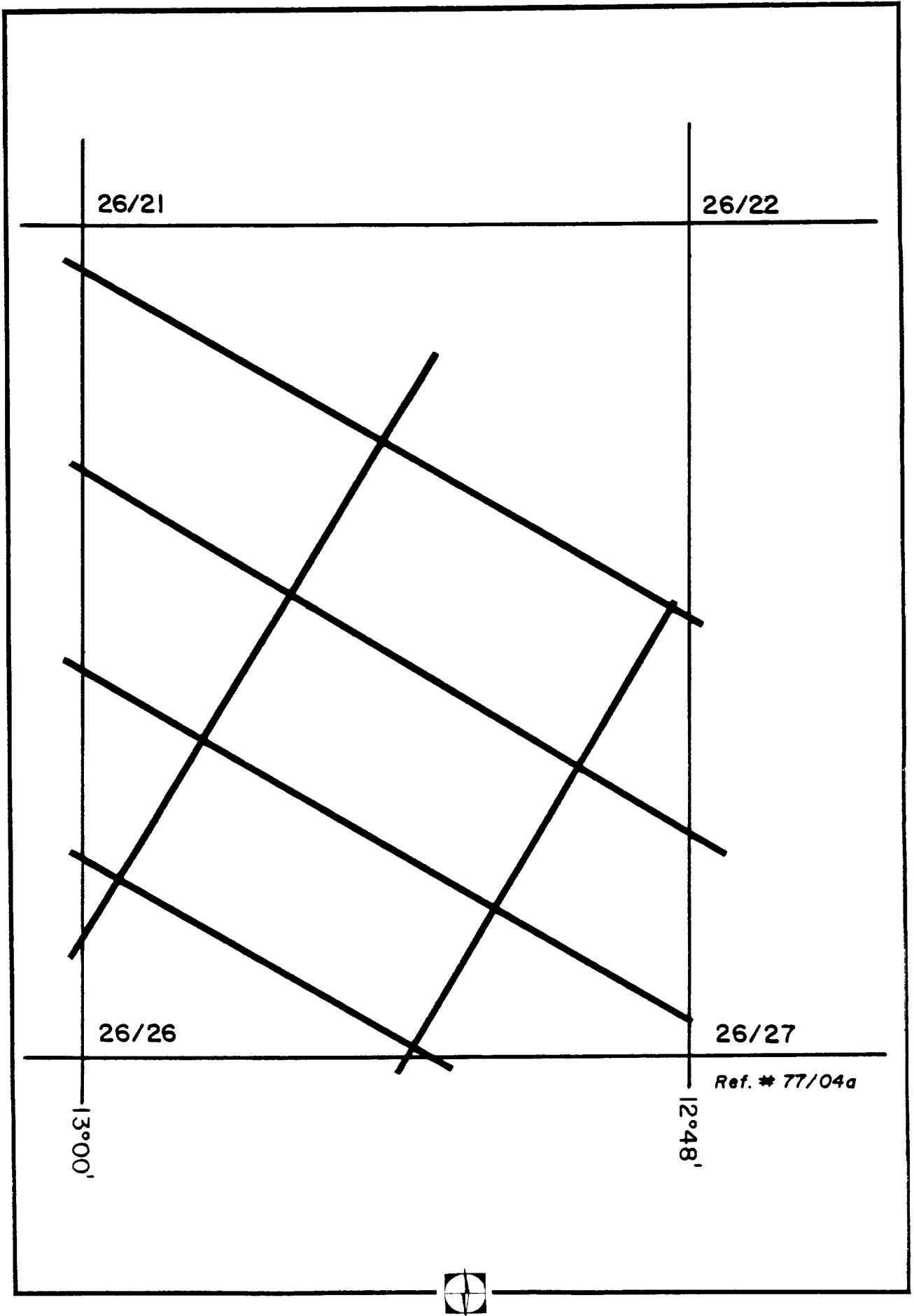
4800%

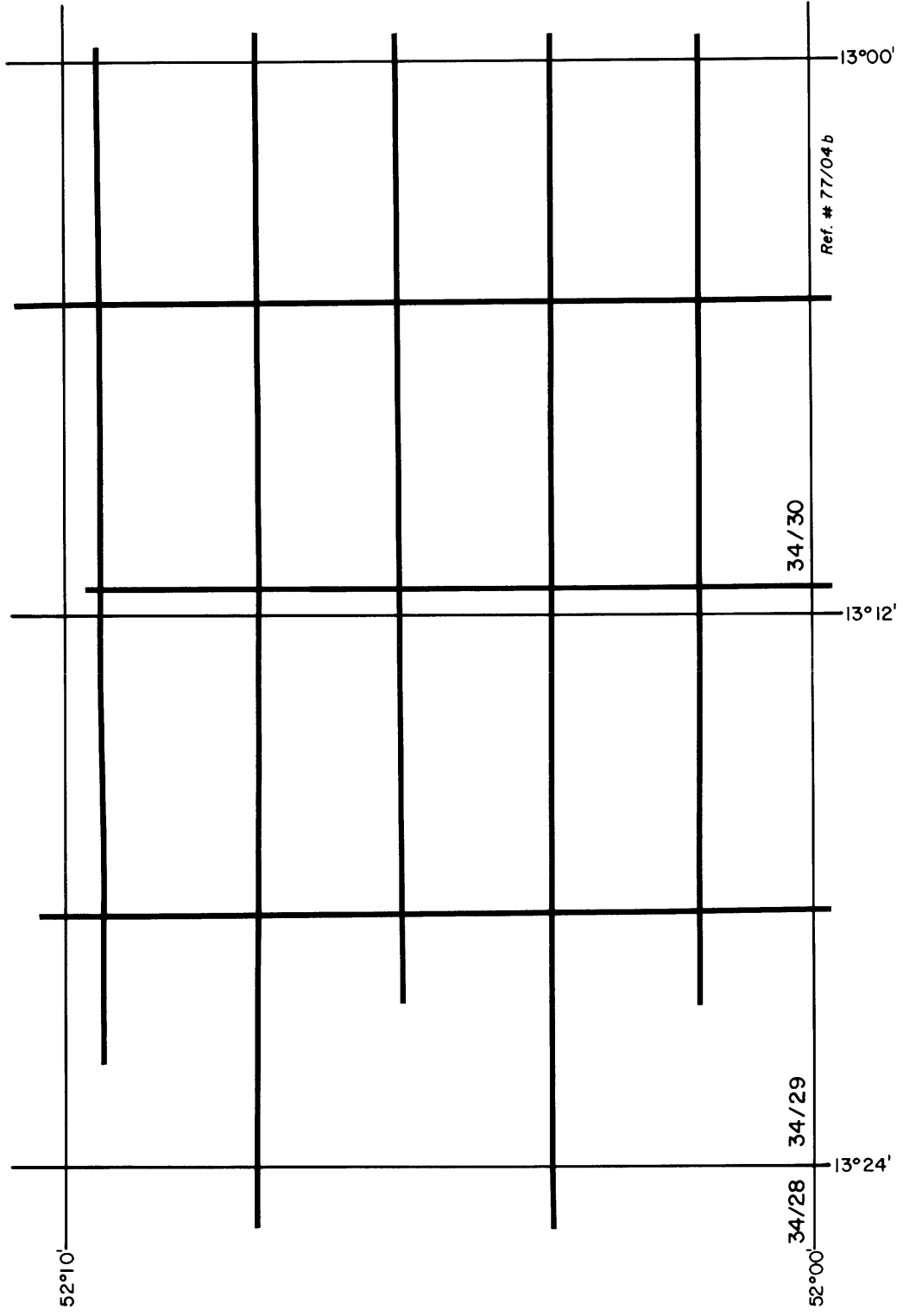
DBS

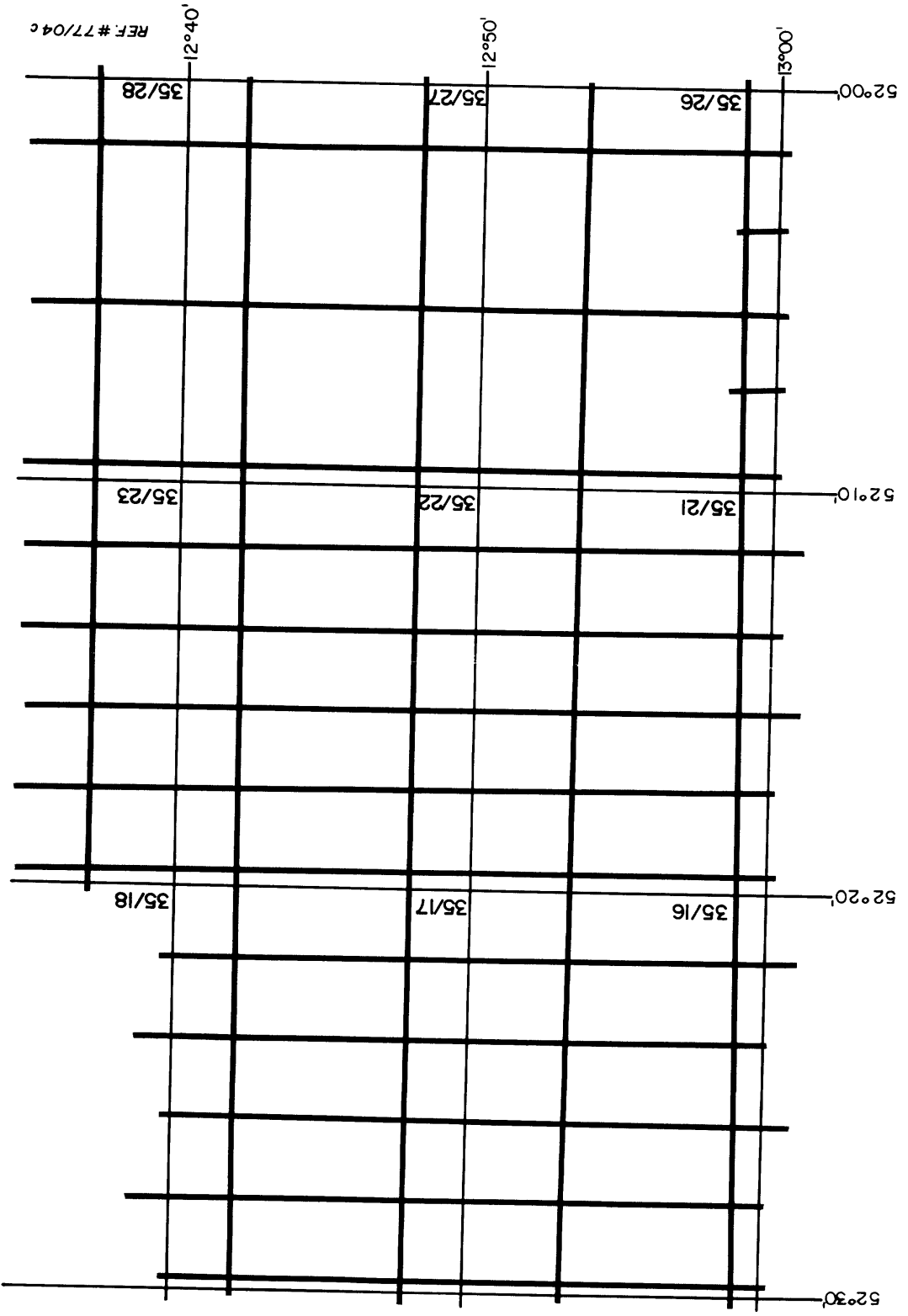
T. V. Filter

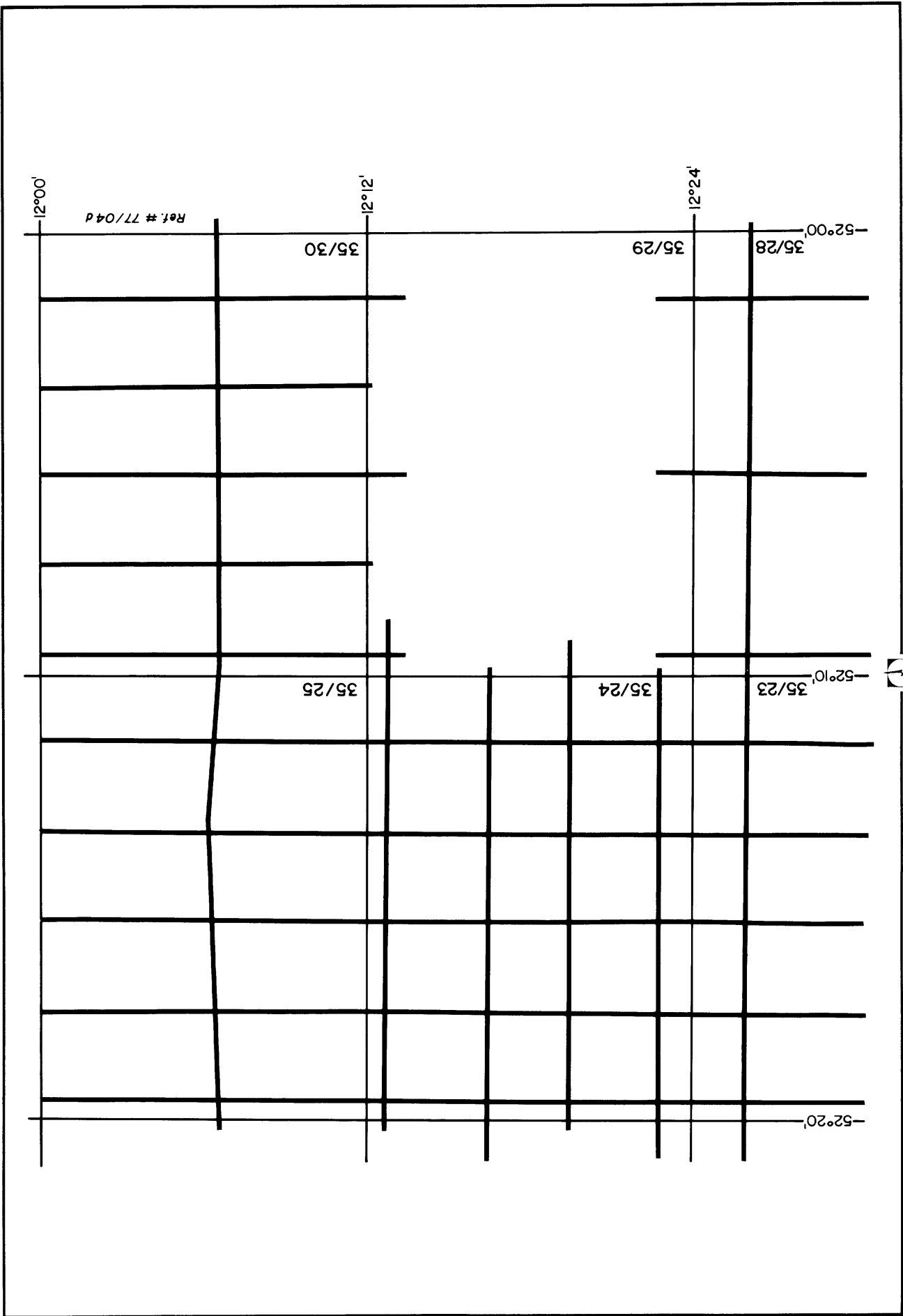


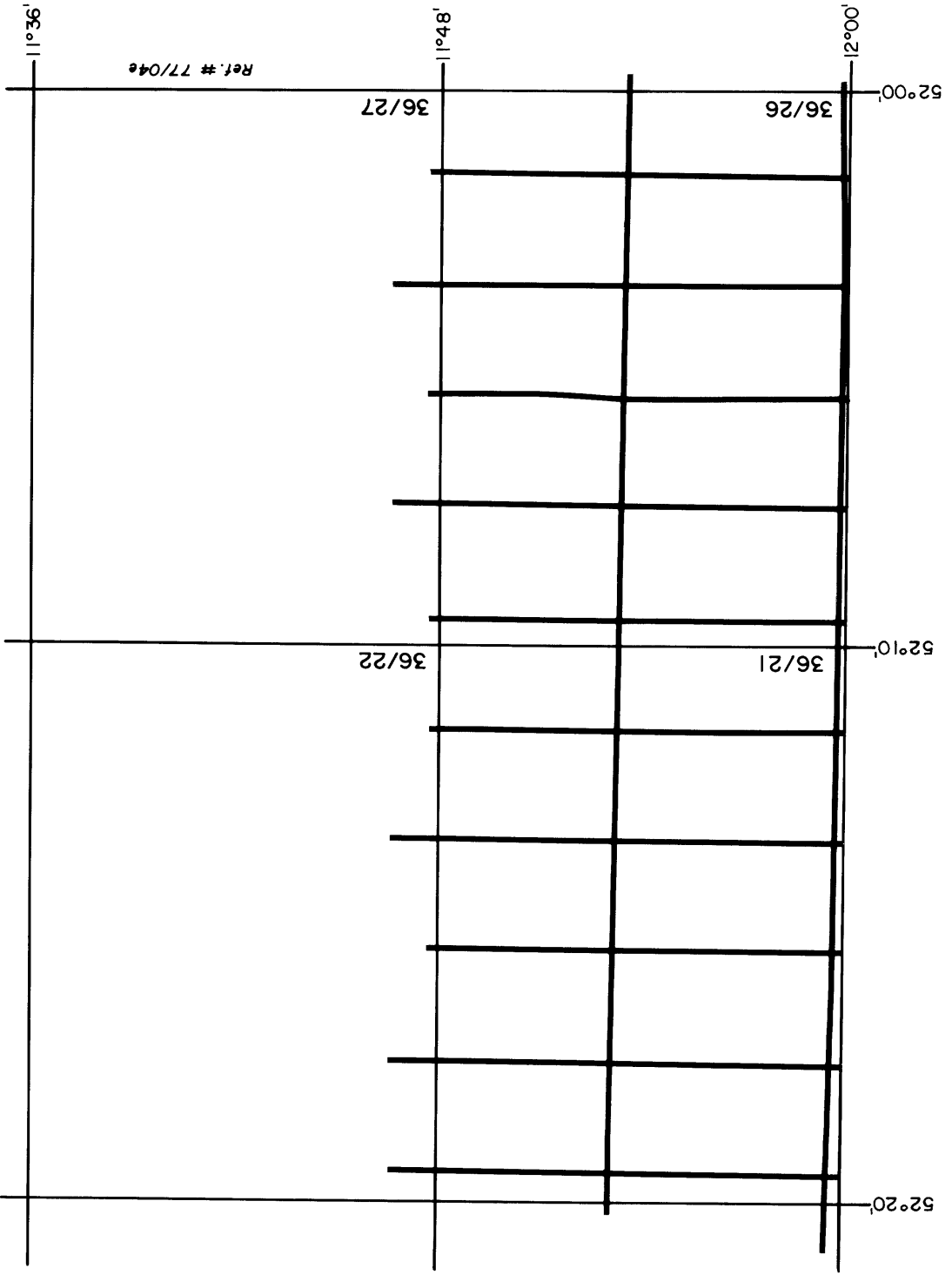


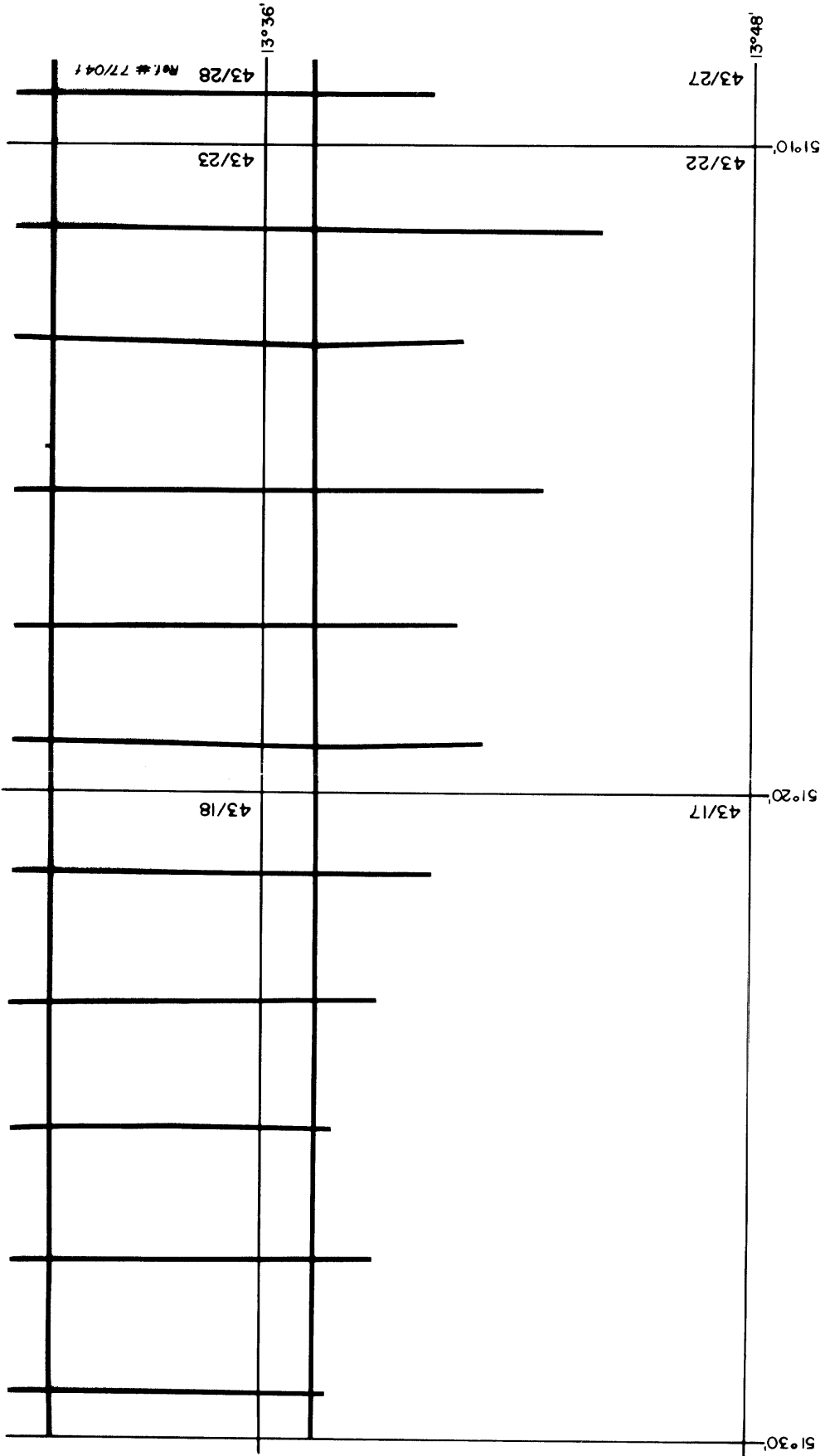


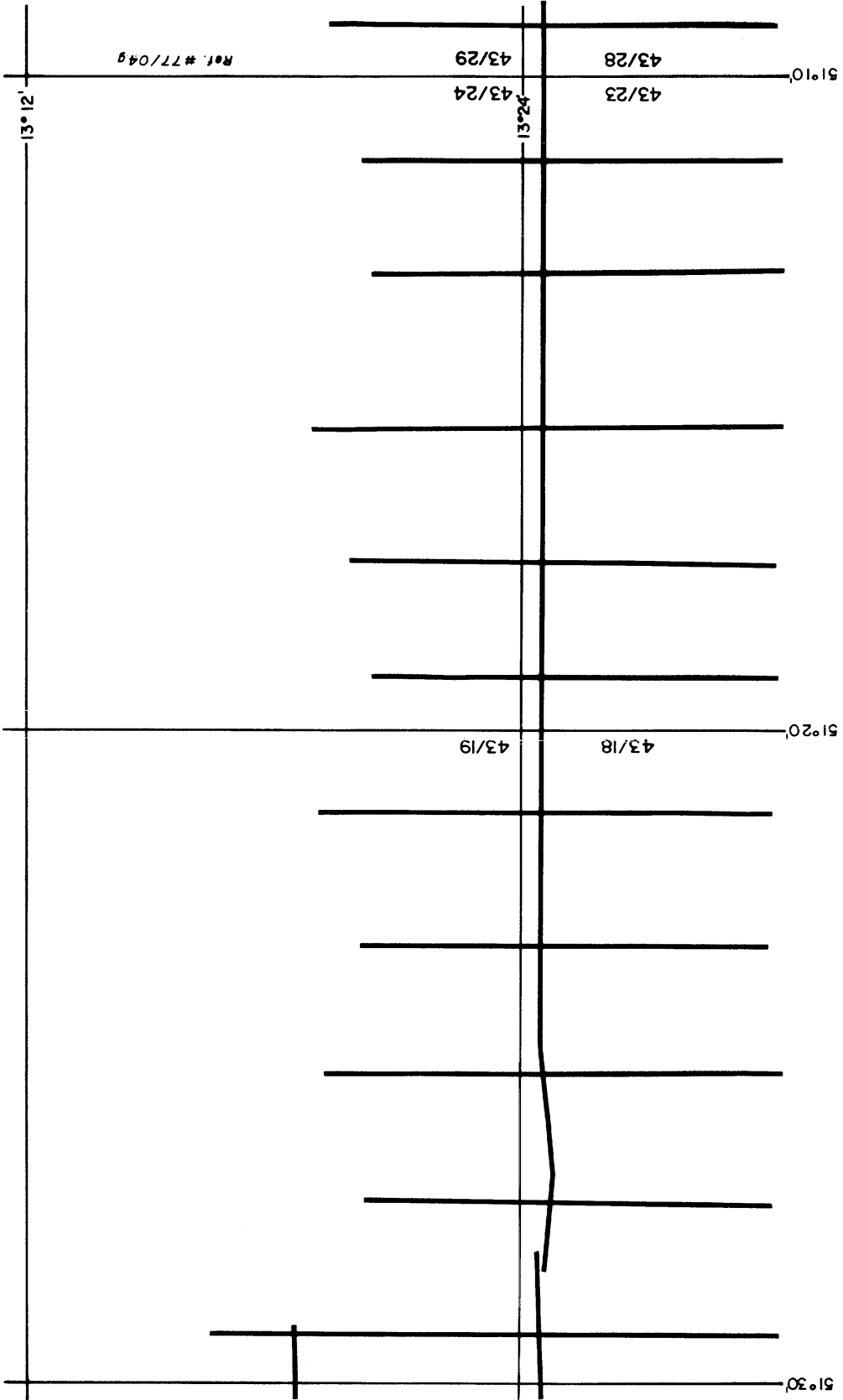


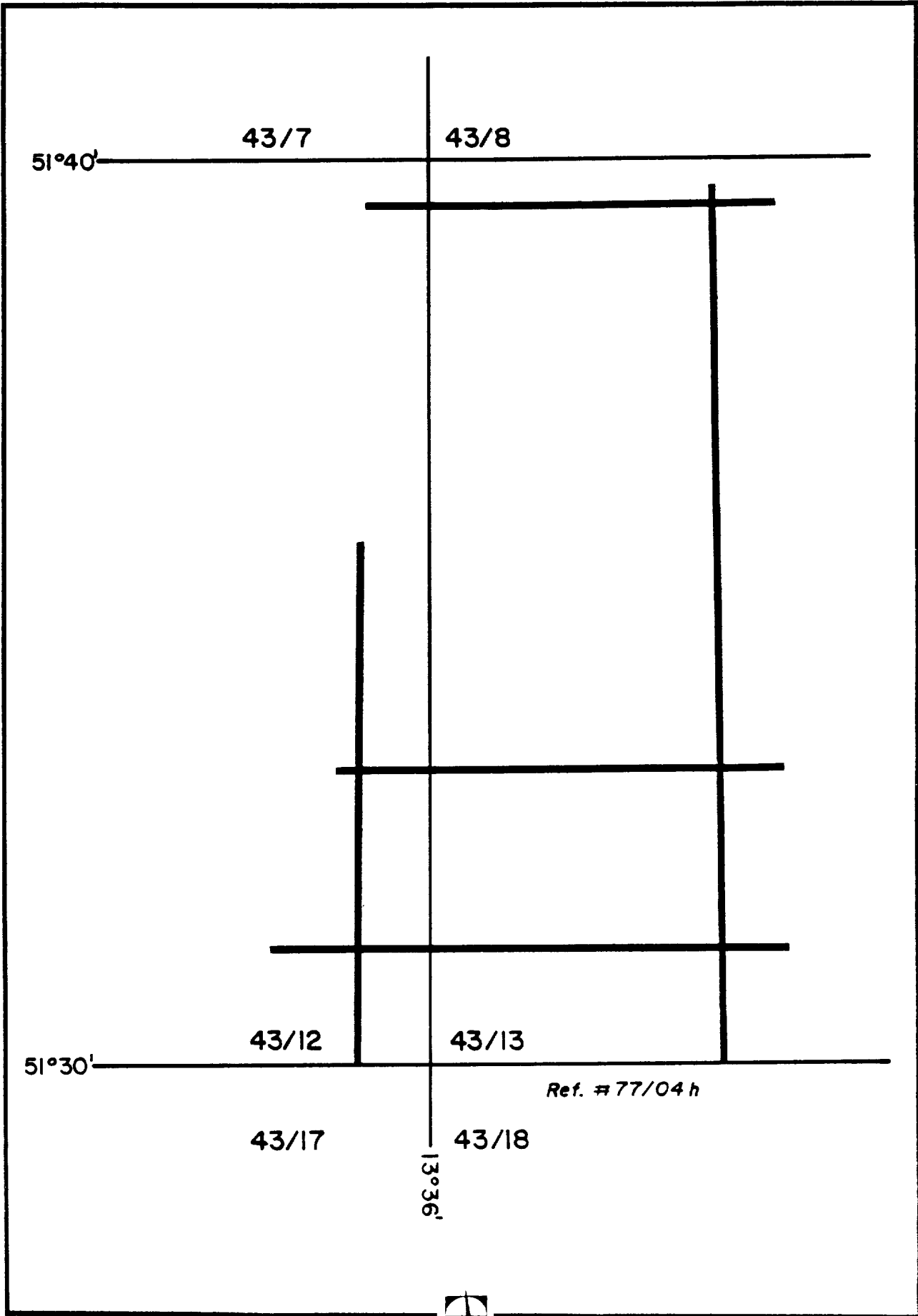




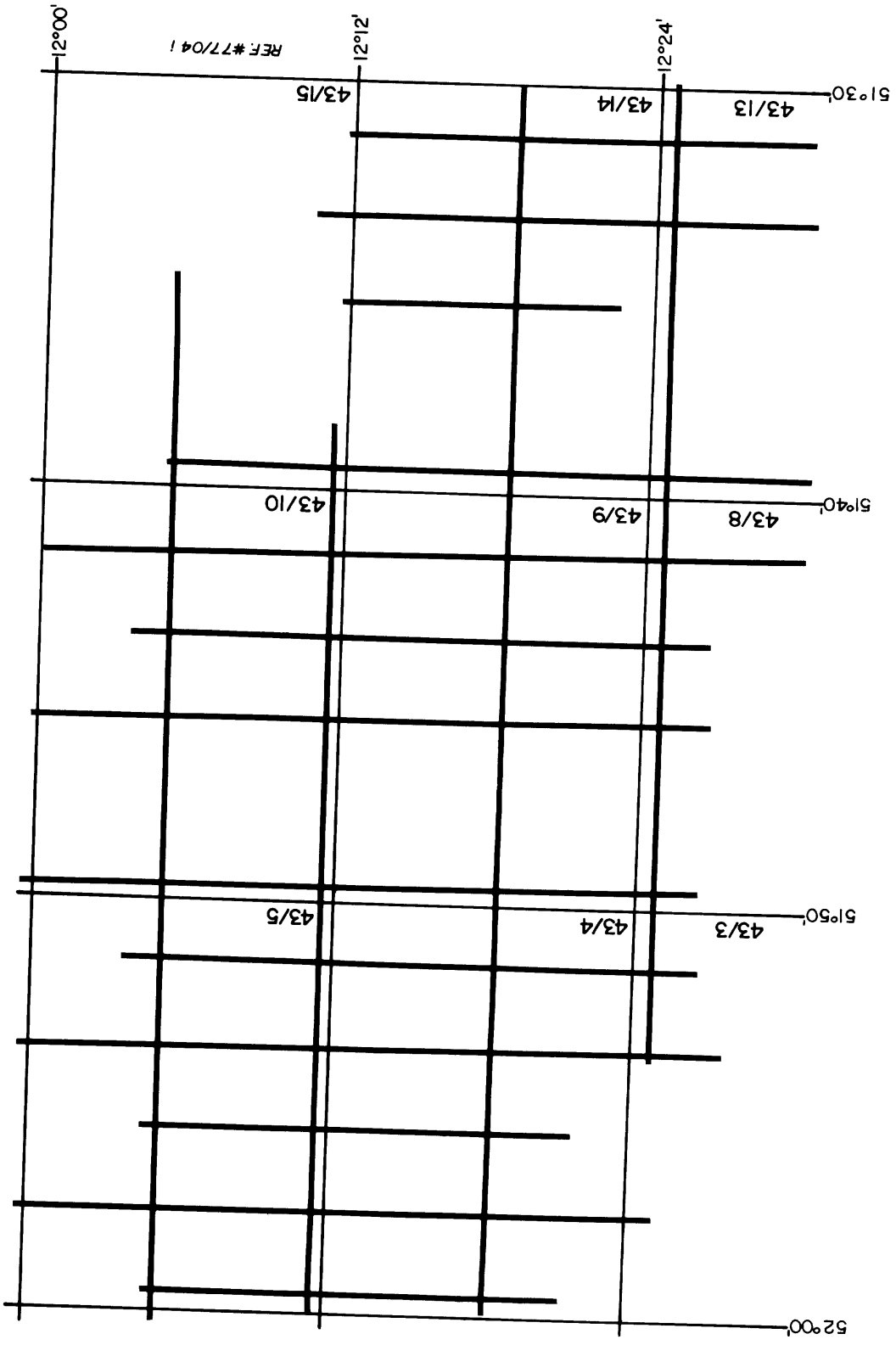


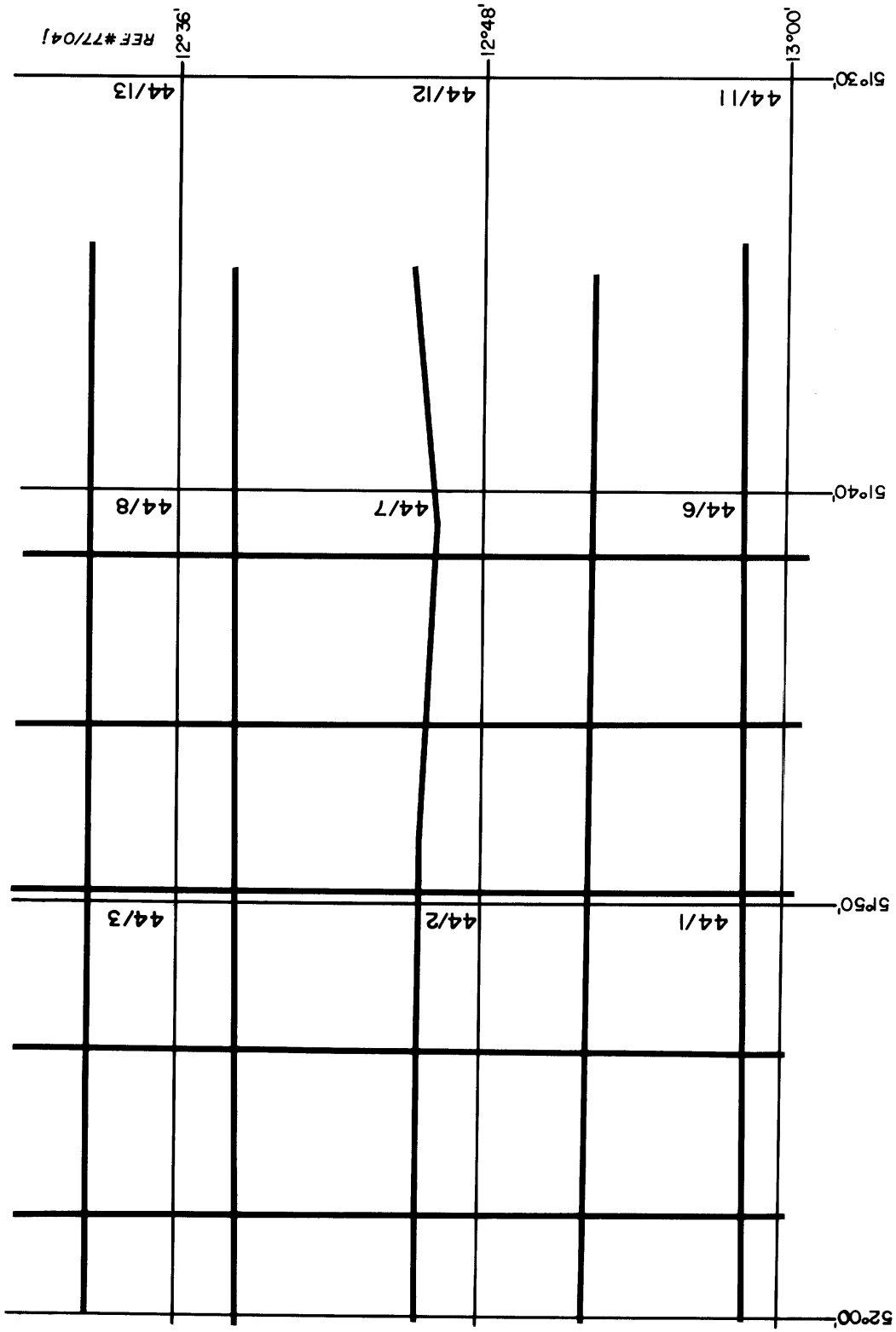


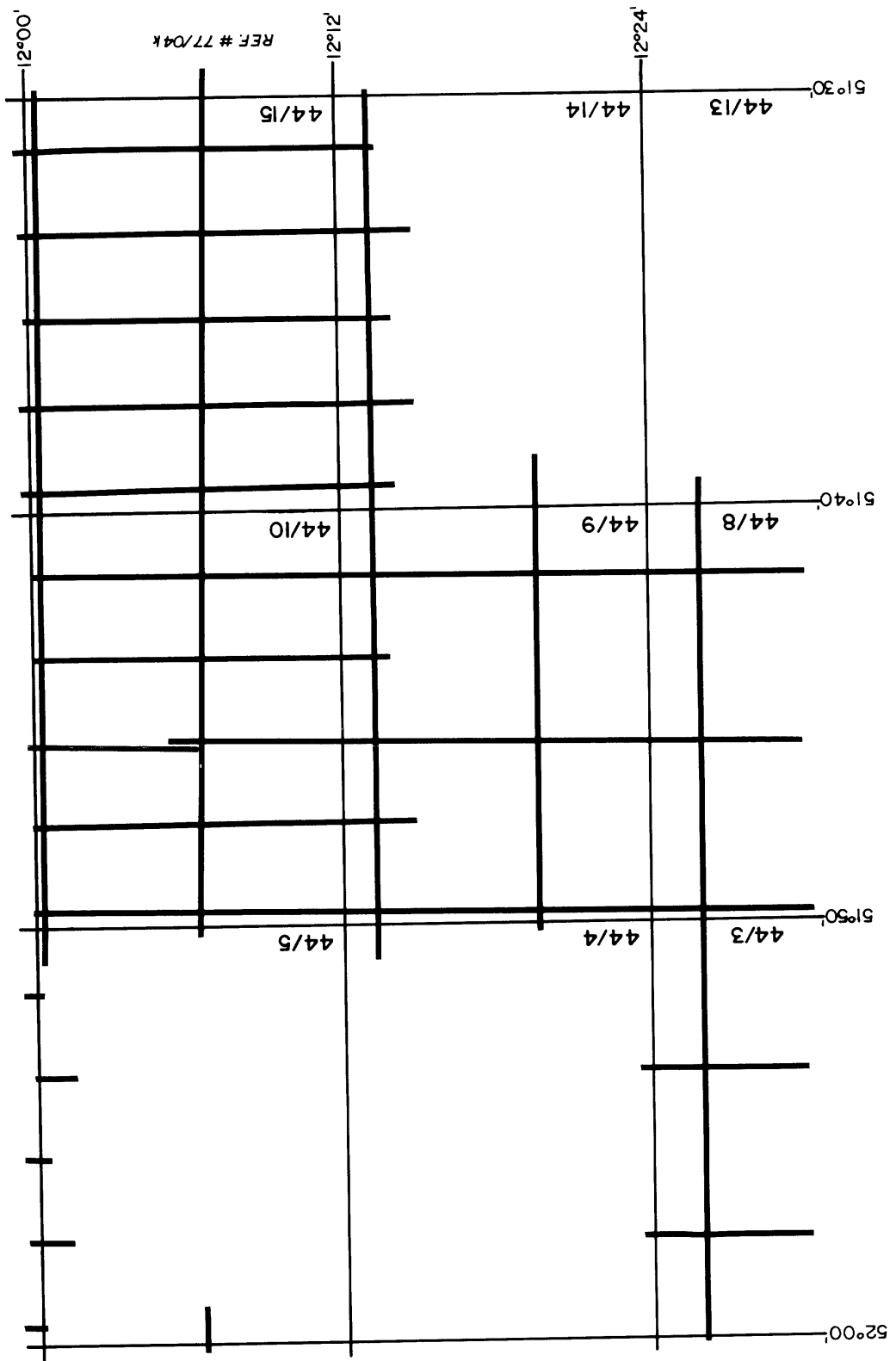


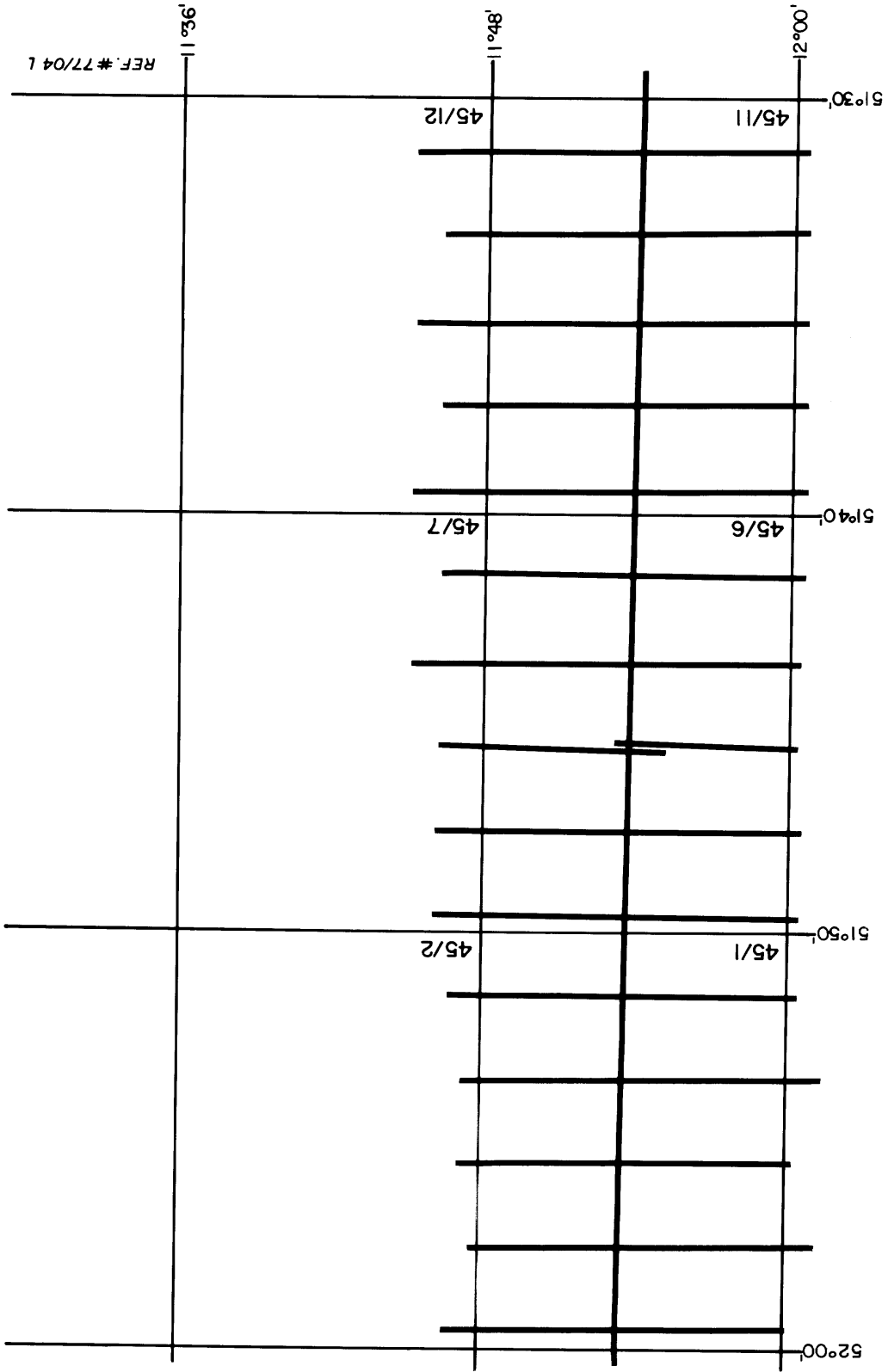












# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Bank

**Reference Number:** 77-05A-  
77-05E

**Type of Data:** Seismic

**Acquisition Date:** 1977

**Acquisition Contractor:** Seiscom Delta

**Energy Source:** Air Guns

**Total:** 1,345 km

**Recording Parameters:**

**Cable:** 2,700 M, 48 group

**Spread:** N/A

**Group Interval:** 50 M

**Recording:** DFS IV

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

4800%

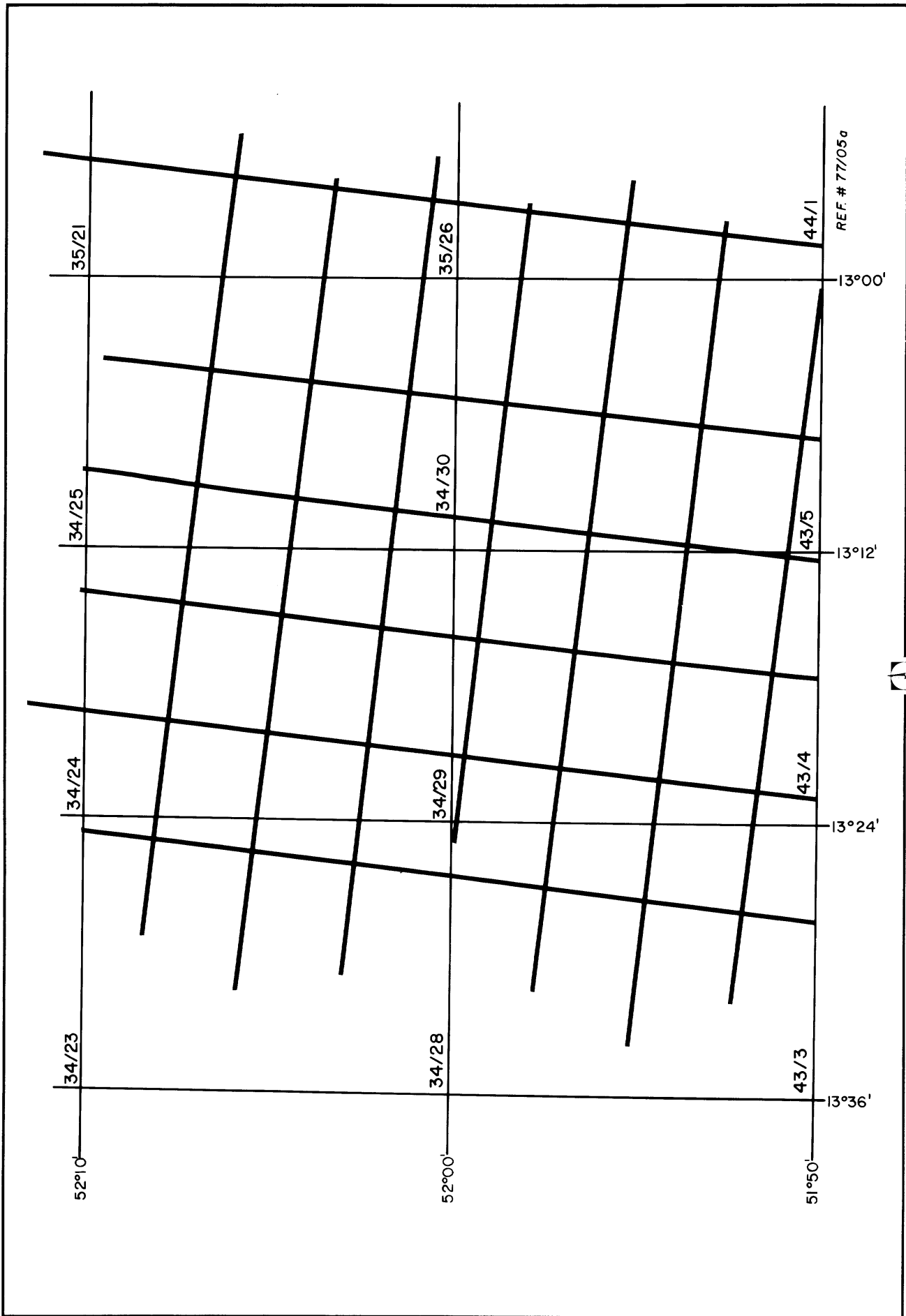
DBS

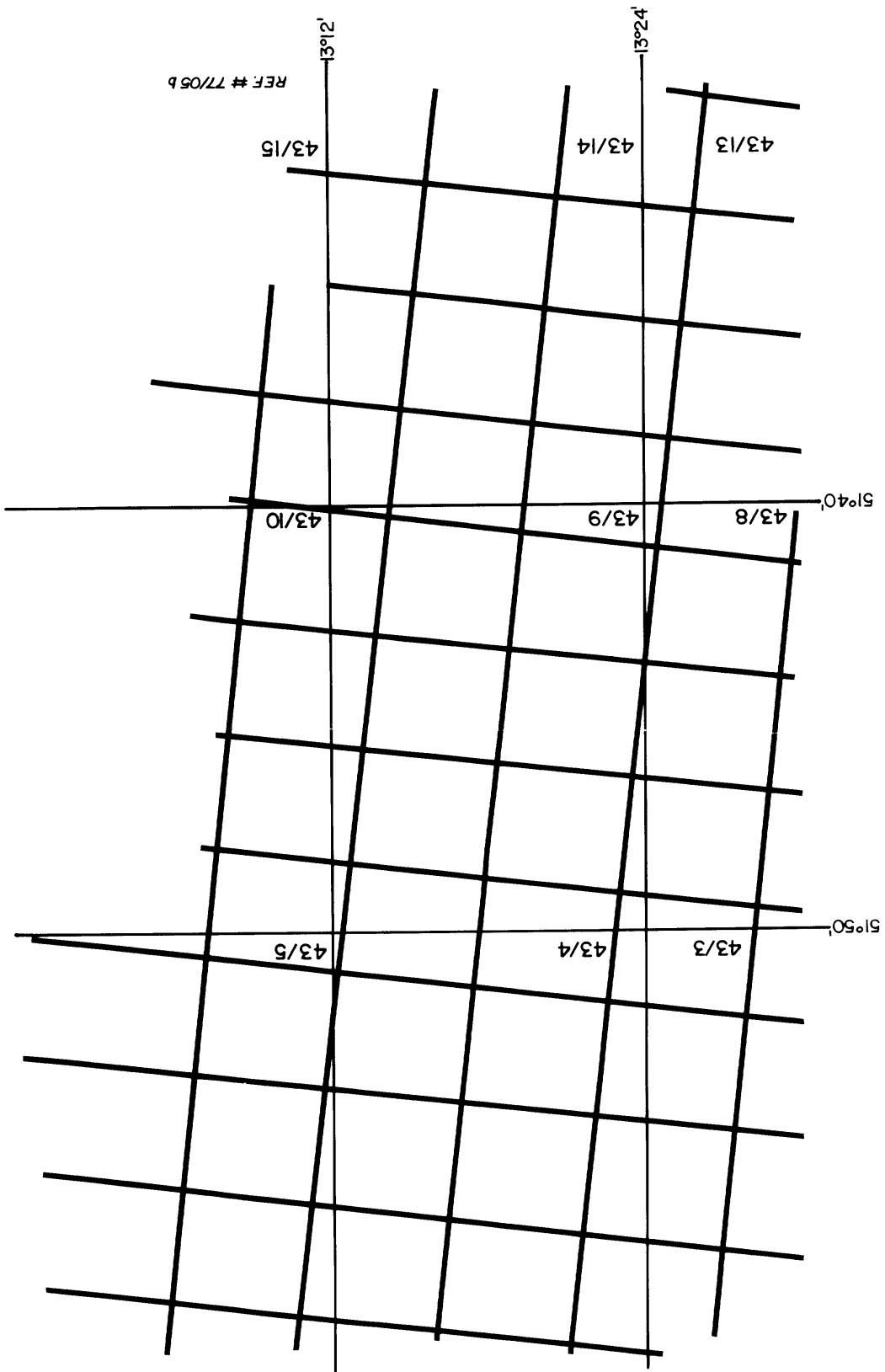
DAS

T. V. Filter

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HOUSTON TEXAS USA









13°48'

51°30'

43/12

43/13

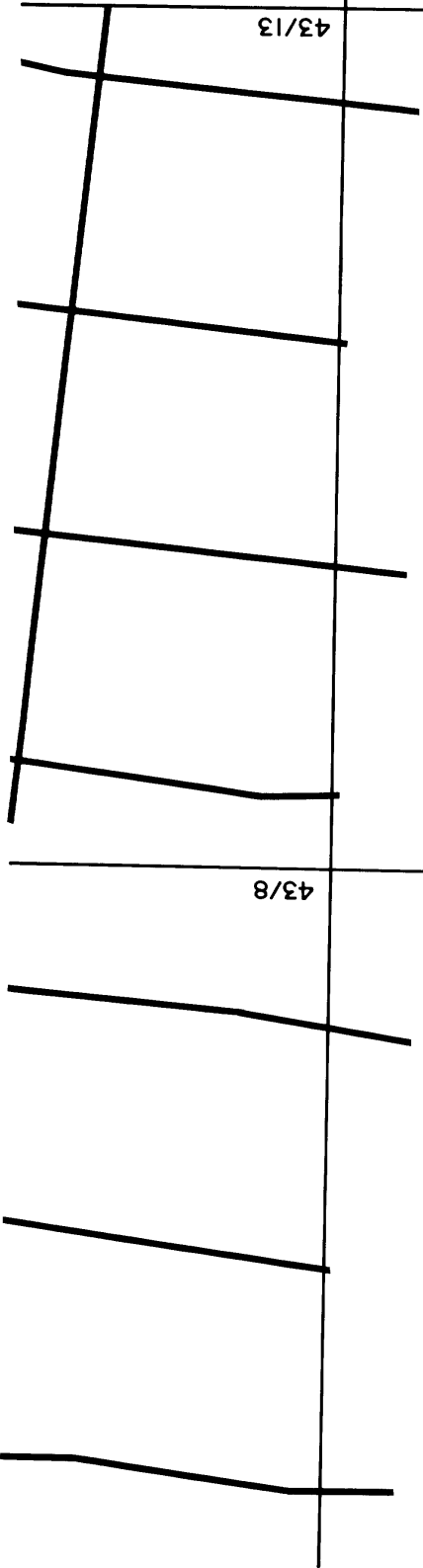
Ref. # 77/05c

13°36'

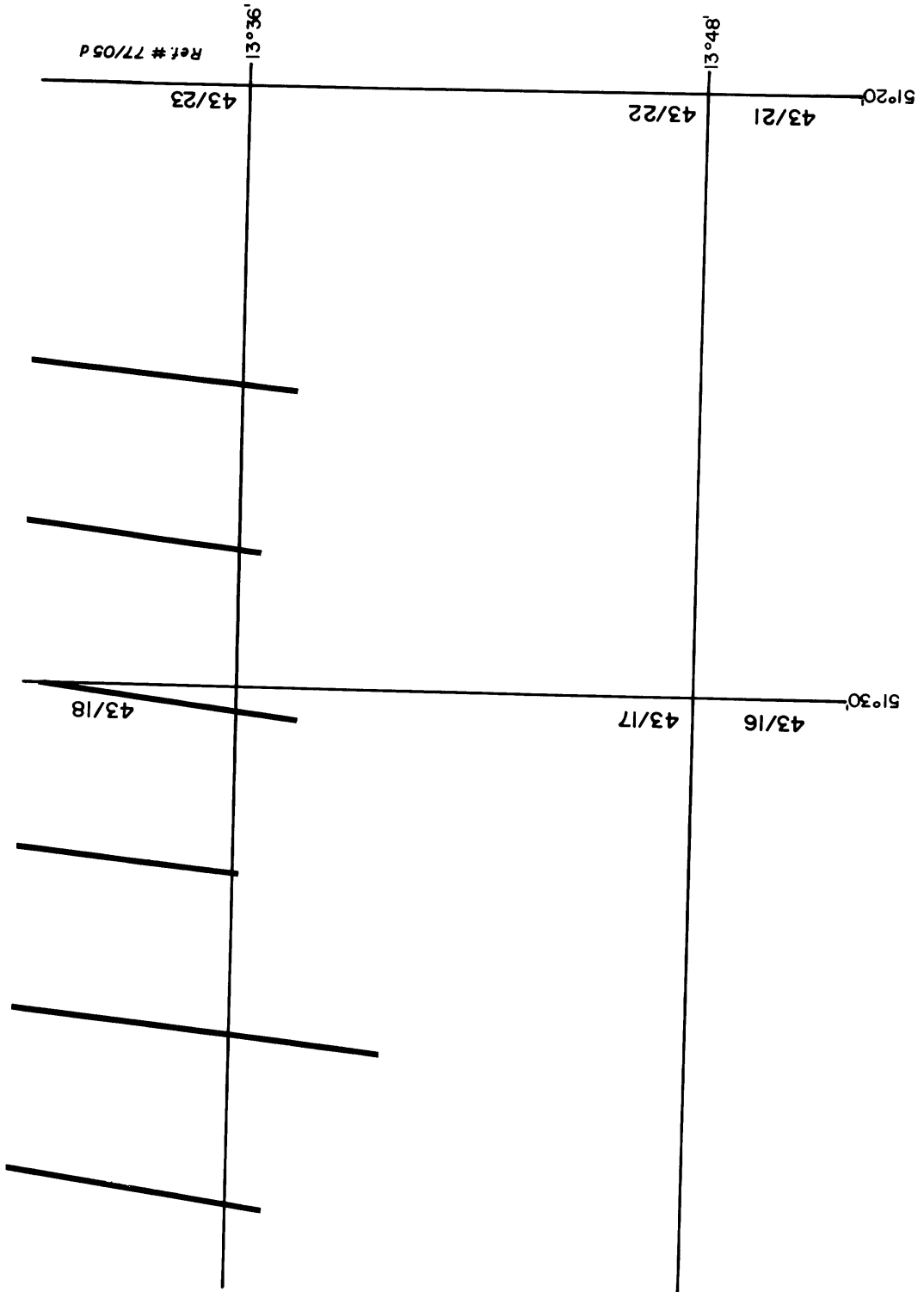
51°40'

43/7

43/8







Ref. # 77/05 d

43/23

43/22

43/21

51°20'

13°48'

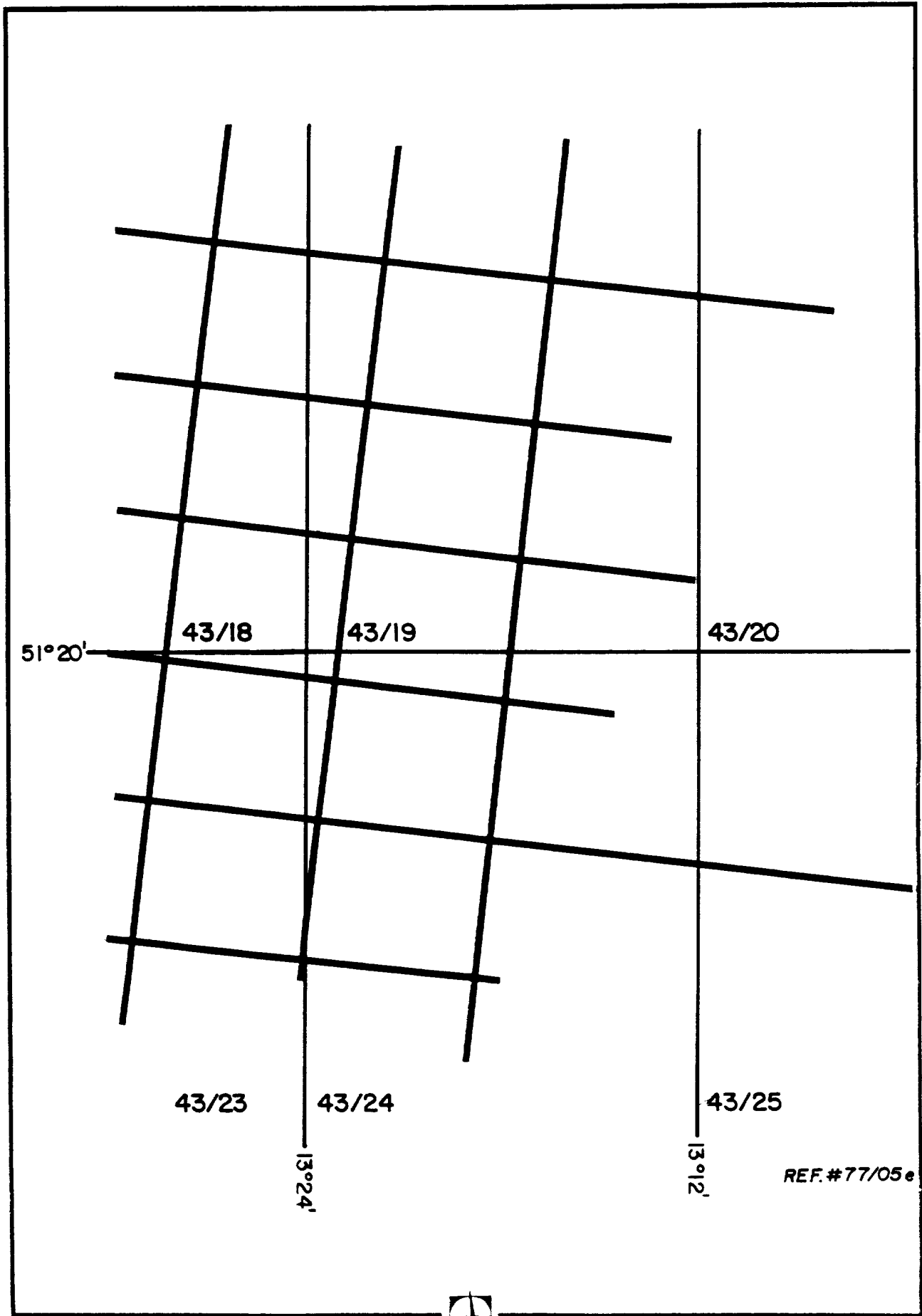
13°36'

43/18

43/17

43/16

51°30'



REF. #77/05 e

# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Western Waters

**Reference Number:** 77-06

**Type of Data:** Seismic

**Acquisition Date:** 1977

**Acquisition Contractor:** GECO

**Energy Source:** Air Guns

**Total:** 311 km

**Recording Parameters:**

**Cable:** 2,700 M, 54 Group

**Spread:** N/A

**Group Interval:** 50 M

**Recording:** DFS IV

**Sample Rate:** 4MS to 7 seconds

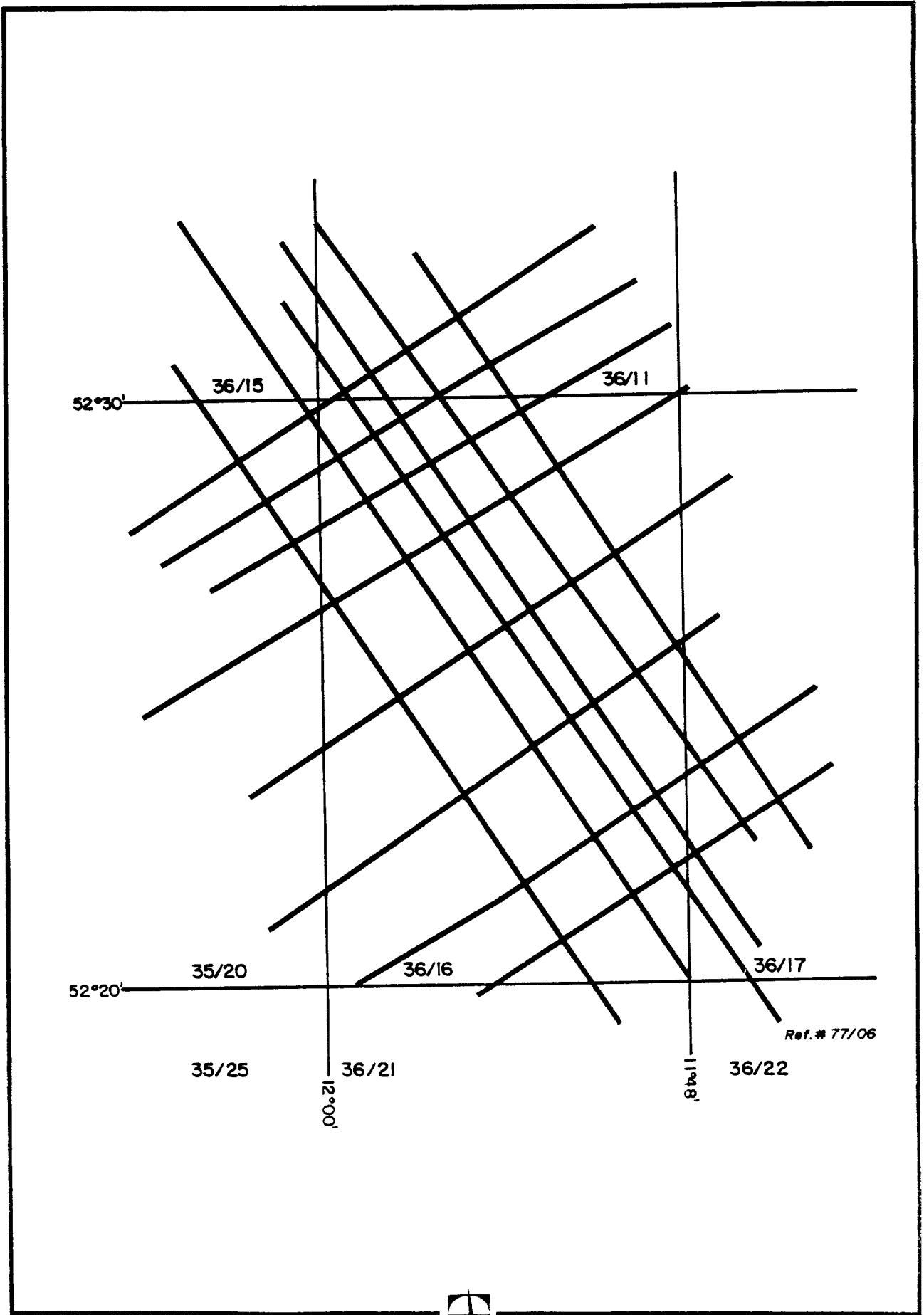
**Multiplicity:** 54 fold

**Field Tapes Available:**

**Processing Parameters:**

2 X 2700%  
T. V. Filter





# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Bank

**Reference Number:** 77-07

**Type of Data:** Seismic

**Acquisition Date:** 1977

**Acquisition Contractor:** Seiscom Delta

**Energy Source:** Air Guns

**Total:** 307 km

**Recording Parameters:**

**Cable:** 2,400 M, 48 Group

**Spread:** N/A

**Group Interval:** 50 M

**Recording:** DFS IV

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

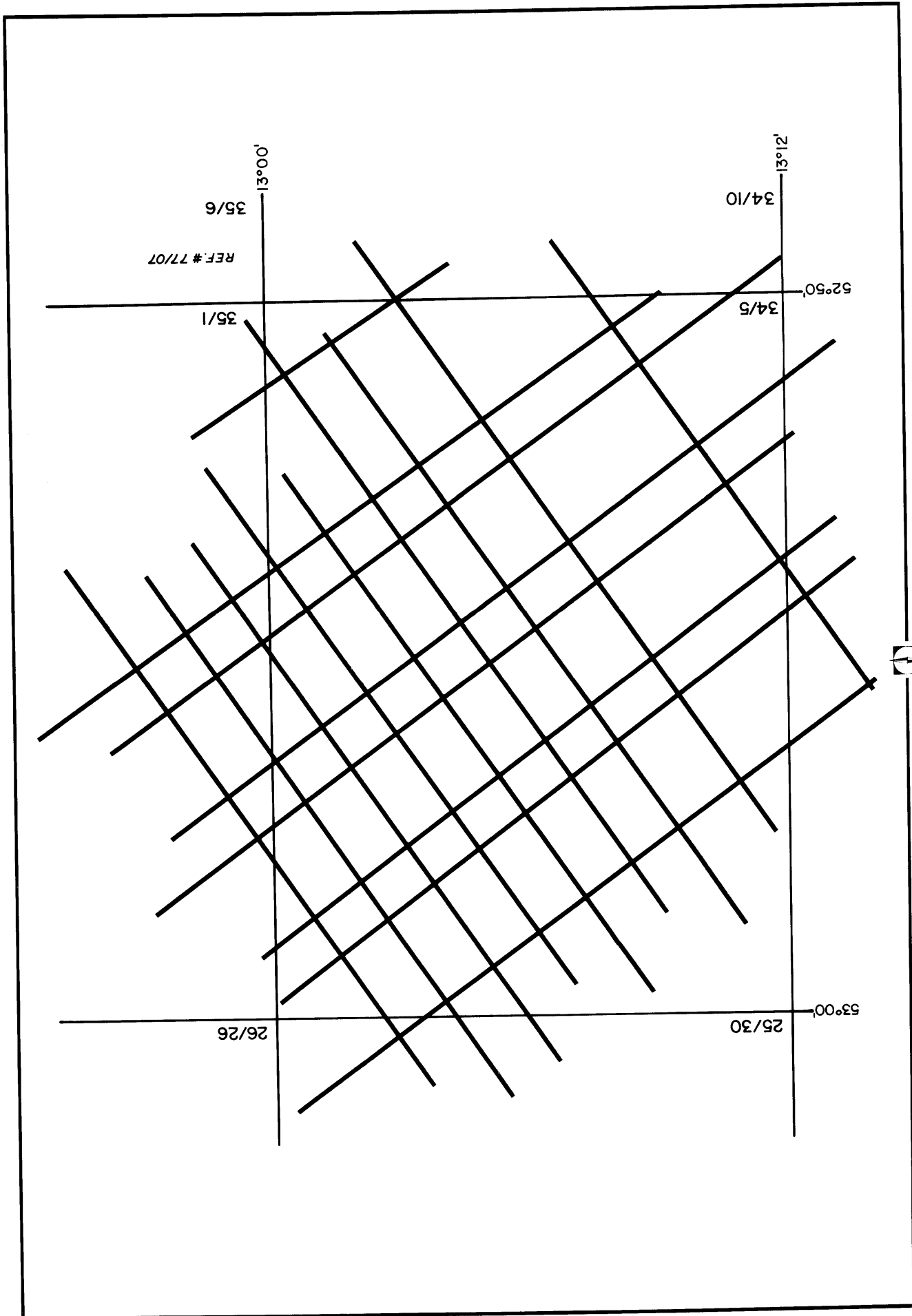
4800%

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T. V. Filter





# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Northern Waters

**Reference Number:** 77-08

**Type of Data:** Seismic

**Acquisition Date:** 1977

**Acquisition Contractor:** Seiscom Delta

**Energy Source:** Air Guns

**Total:** 240 km

**Recording Parameters:**

**Cable:** 2,400 M, 48 Group

**Spread:** N/A

**Group Interval:** 50 M

**Recording:** DFS IV

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

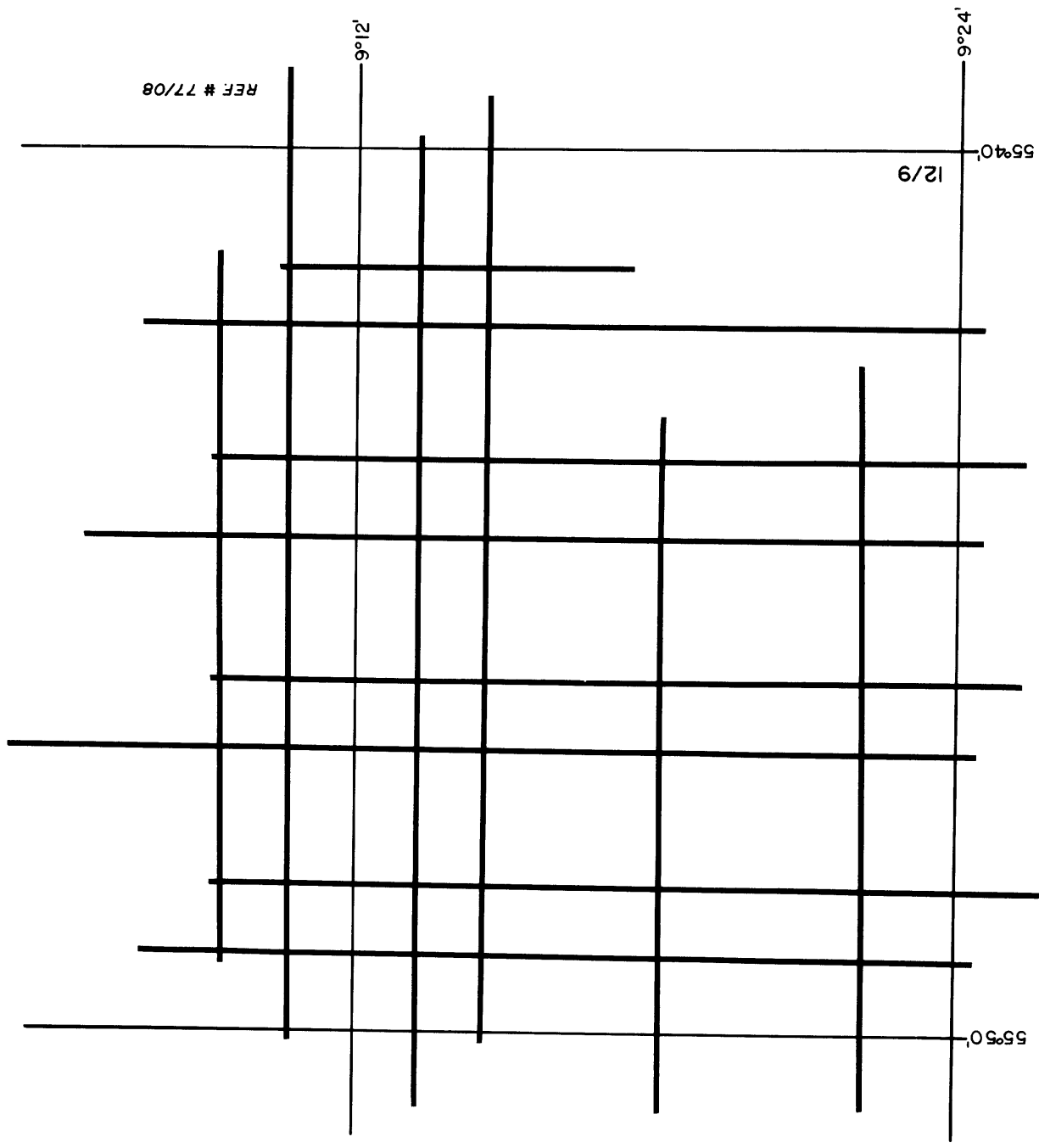
4800%

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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** West Continental Margin

**Reference Number:** 77-09

**Type of Data:** Seismic

**Acquisition Date:** 1977

**Acquisition Contractor:** S & A Geophysical

**Energy Source:** Air Guns

**Total:** 4,047 km

**Recording Parameters:**

**Cable:** 2,400 M, 48 Group

**Spread:** N/A

**Group Interval:** 50 M

**Recording:** DFS IV

**Sample Rate:** 4MS to 12 seconds

**Multiplicity:** 24 fold

**Field Tapes Available:**

**Processing Parameters:**

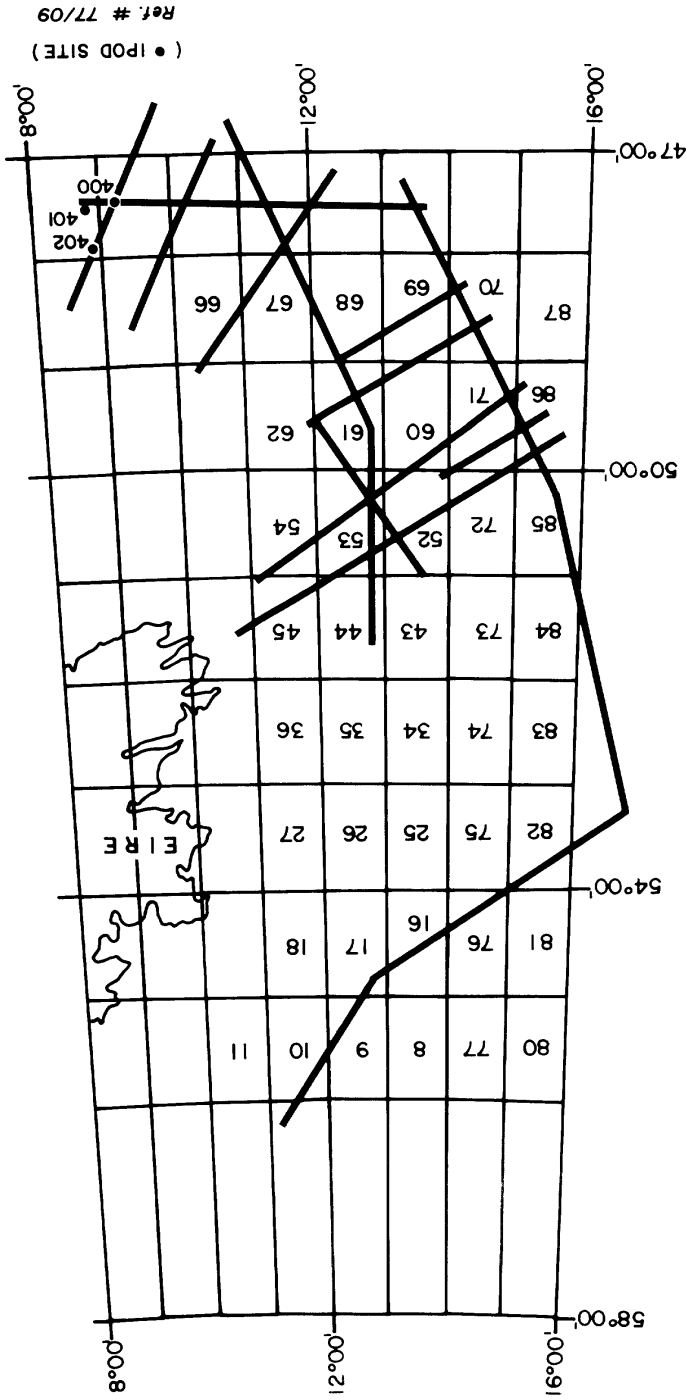
2400%

DBS

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T. V. Filter





# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Bank

**Reference Number:** 77-10

**Type of Data:** Seismic

**Acquisition Date:** 1977

**Acquisition Contractor:** GECO

**Energy Source:** Air Guns

**Total:** 459 km

**Recording Parameters:**

**Cable:** 2,700 M, 54 Group

**Spread:** N/A

**Group Interval:** 50 M

**Recording:** DFS IV

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 54 fold

**Field Tapes Available:**

**Processing Parameters:**

2 X 2700%

DBS

DAS

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HOUSTON TEXAS USA





52°40'

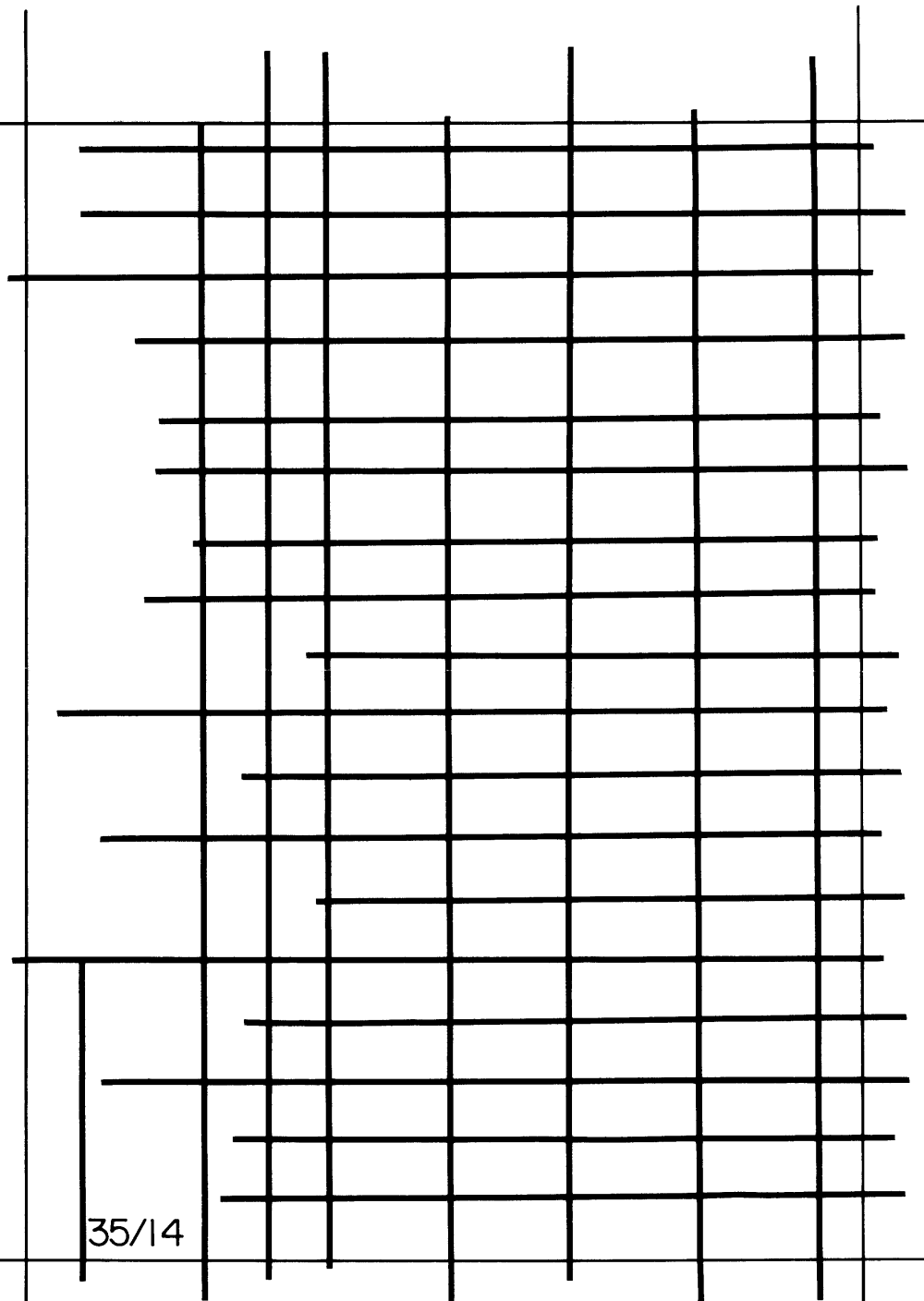
52°30'

35/14

12°24'

Ref. # 77/10

12°12'



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Porcupine Bank

**Reference Number:** 77-11

**Type of Data:** Seismic

**Acquisition Date:** 1977

**Acquisition Contractor:** C.G.G.

**Energy Source:** Vaporchoc

**Total:** 470 km

**Recording Parameters:**

**Cable:** 2,400 M, 96 Group

**Spread:** N/A

**Group Interval:** 25 M

**Recording:** SN 338

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

4800%

DBS

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52°30'

35/19

35/20

52°20'

35/24

35/25

12°24'

12°12'

Ref. # 77/11



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Celtic Sea

**Reference Number:** 78-01A-  
78-01C

**Type of Data:** Seismic

**Acquisition Date:** 1978

**Acquisition Contractor:** Petty Ray

**Energy Source:** Air Guns

**Total:** 870 km

## **Recording Parameters:**

**Cable:** 2,400 M, 96 Group

**Spread:** N/A

**Group Interval:** 25 M

**Recording:** DFS V

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

## **Processing Parameters:**

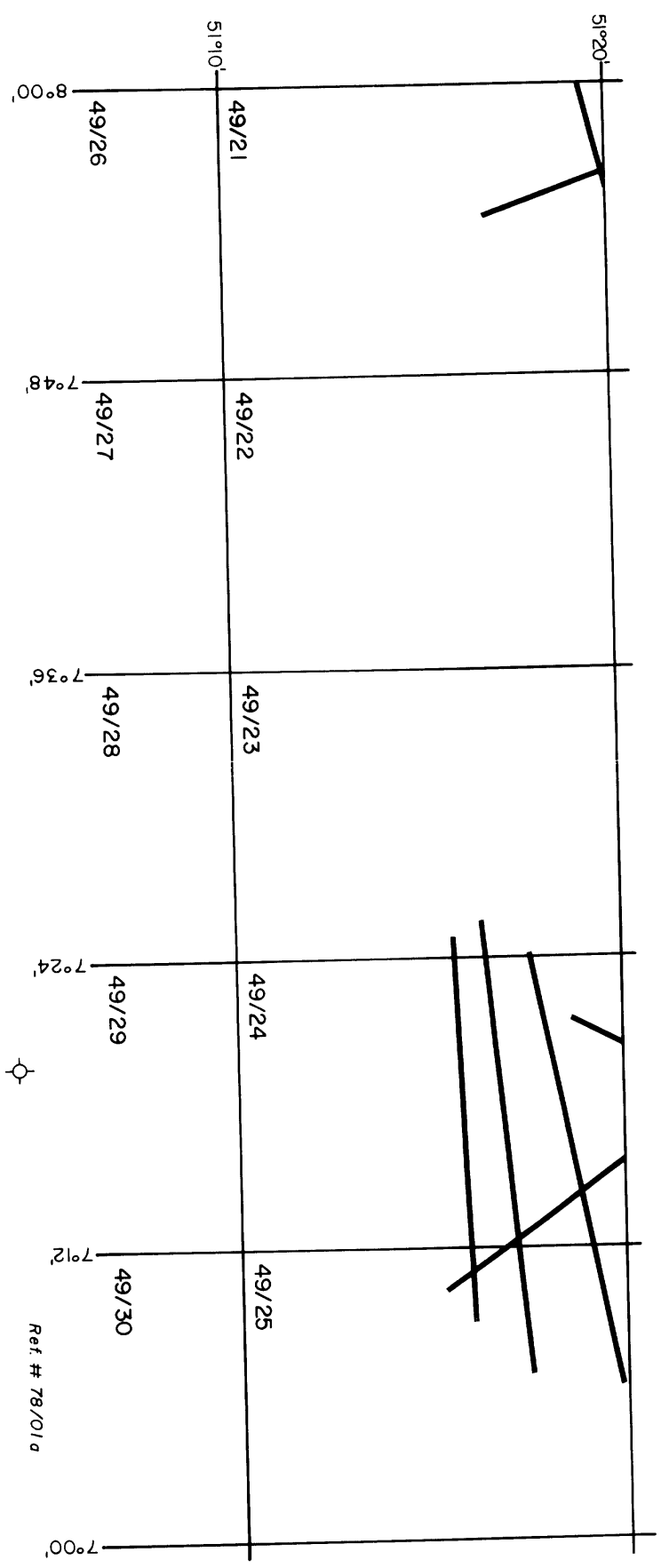
4800%

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T. V. Filter

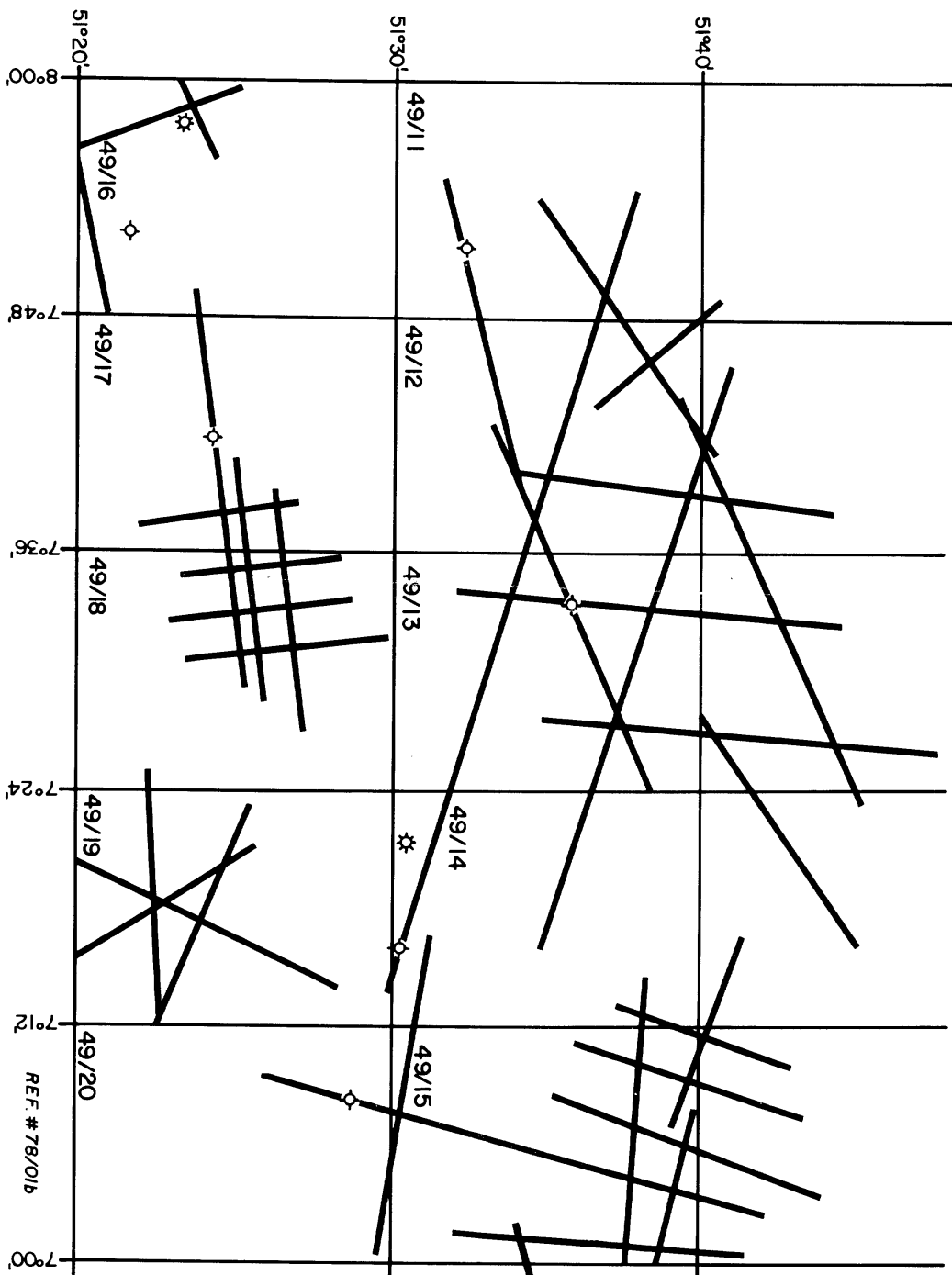




Ref. # 78/01 a

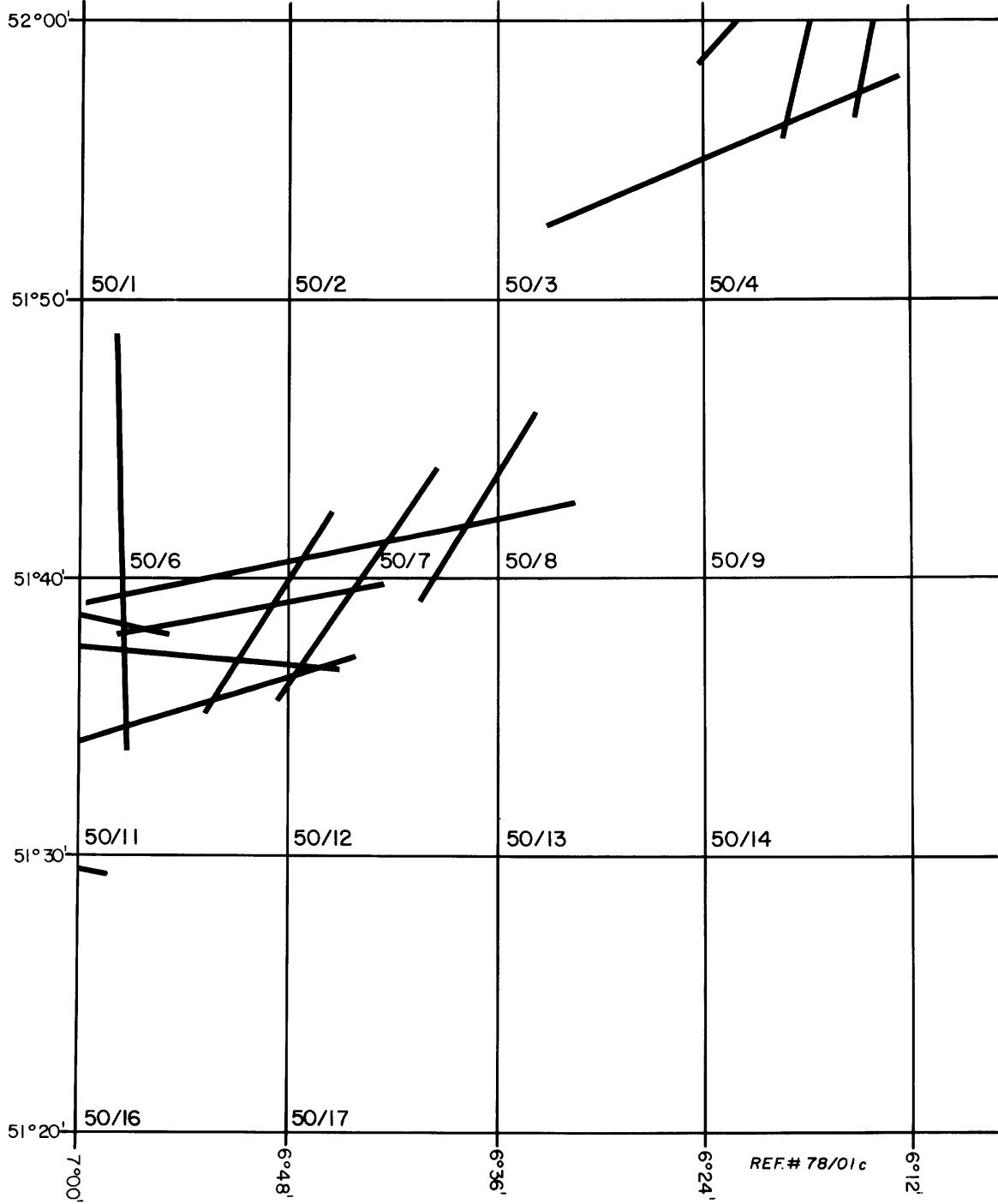






REF. # 78/01b





# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Basin

**Reference Number:** 78-02

**Type of Data:** Seismic

**Acquisition Date:** 1978

**Acquisition Contractor:** Western

**Energy Source:** Maxipusle

**Total:** 200 km

**Recording Parameters:**

**Cable:** 3,000 M, 60 Group

**Spread:** N/A

**Group Interval:** 70 M (Overlapping)

**Recording:** DDS 888

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

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T. V. Filter



52°20'

52°10'

35/22

35/23

35/24

12°36'

12°24'

12°12'

REF.# 78/02



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Celtic Sea

**Reference Number:** 78-03

**Type of Data:** Seismic

**Acquisition Date:** 1978

**Acquisition Contractor:** Western

**Energy Source:** Maxipulse

**Total:** 30 km

**Recording Parameters:**

**Cable:** 3,000 M, 60 Group

**Spread:** N/A

**Group Interval:** 70 M (Overlapping)

**Recording:** DDS 888

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

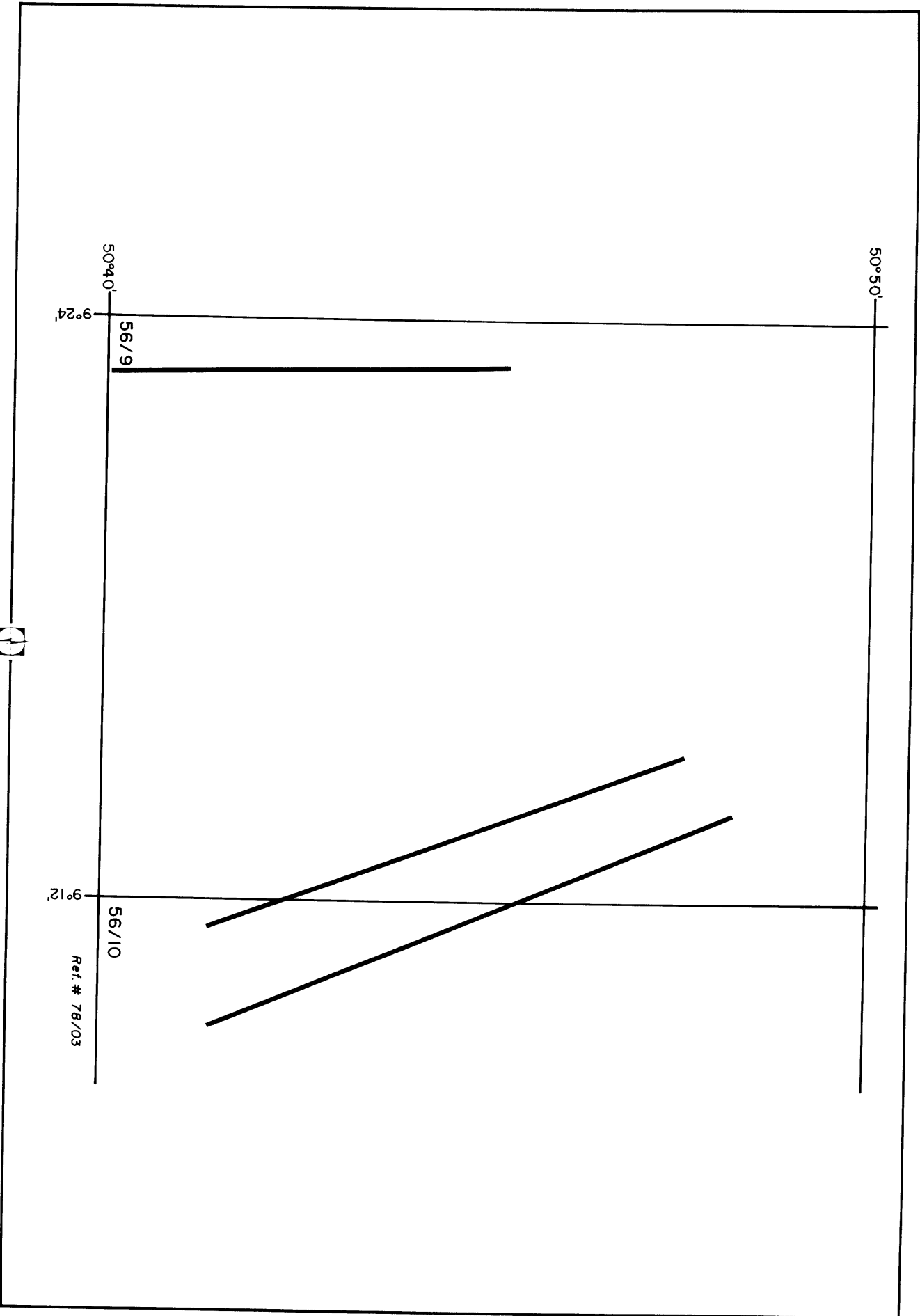
4800%

DBS

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T. V. Filter





# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

Continent: Europe  
Country: Ireland  
Area: Irish Sea  
Reference Number: 78-04

Type of Data: Seismic  
Acquisition Date: 1978  
Acquisition Contractor: Petty Ray  
Energy Source: Air Guns  
Total: 576 km

## Recording Parameters:

Cable: 2,400 M, 96 Group  
Spread: N/A  
Group Interval: 25 M  
Recording: DFS V  
Sample Rate: 4MS to 5 seconds  
Multiplicity: 48 fold

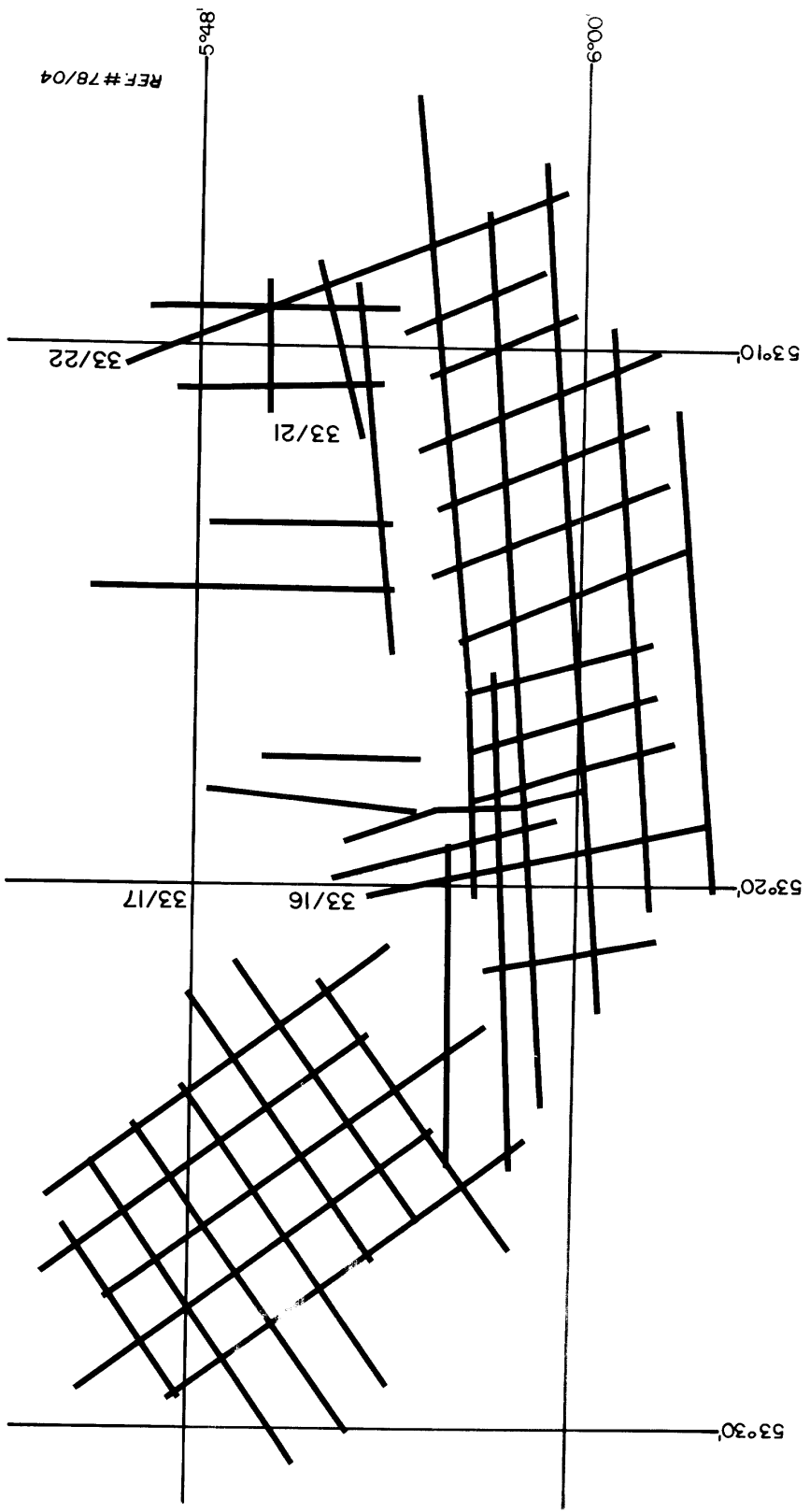
Field Tapes Available:

## Processing Parameters:

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DAS  
T. V. Filter

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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** North Irish Waters

**Reference Number:** 78-05

**Type of Data:** Seismic

**Acquisition Date:** 1978

**Acquisition Contractor:** Petty Ray

**Energy Source:** Air Guns

**Total:** 222 km

**Recording Parameters:**

**Cable:** 2,400 M, 96 Group

**Spread:** N/A

**Group Interval:** 25 M

**Recording:** DFS V

**Sample Rate:** 4MS to 7 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

4800%

DBS

BPF





55°50'

55°40'

12/7

12/8

12/9

12/12

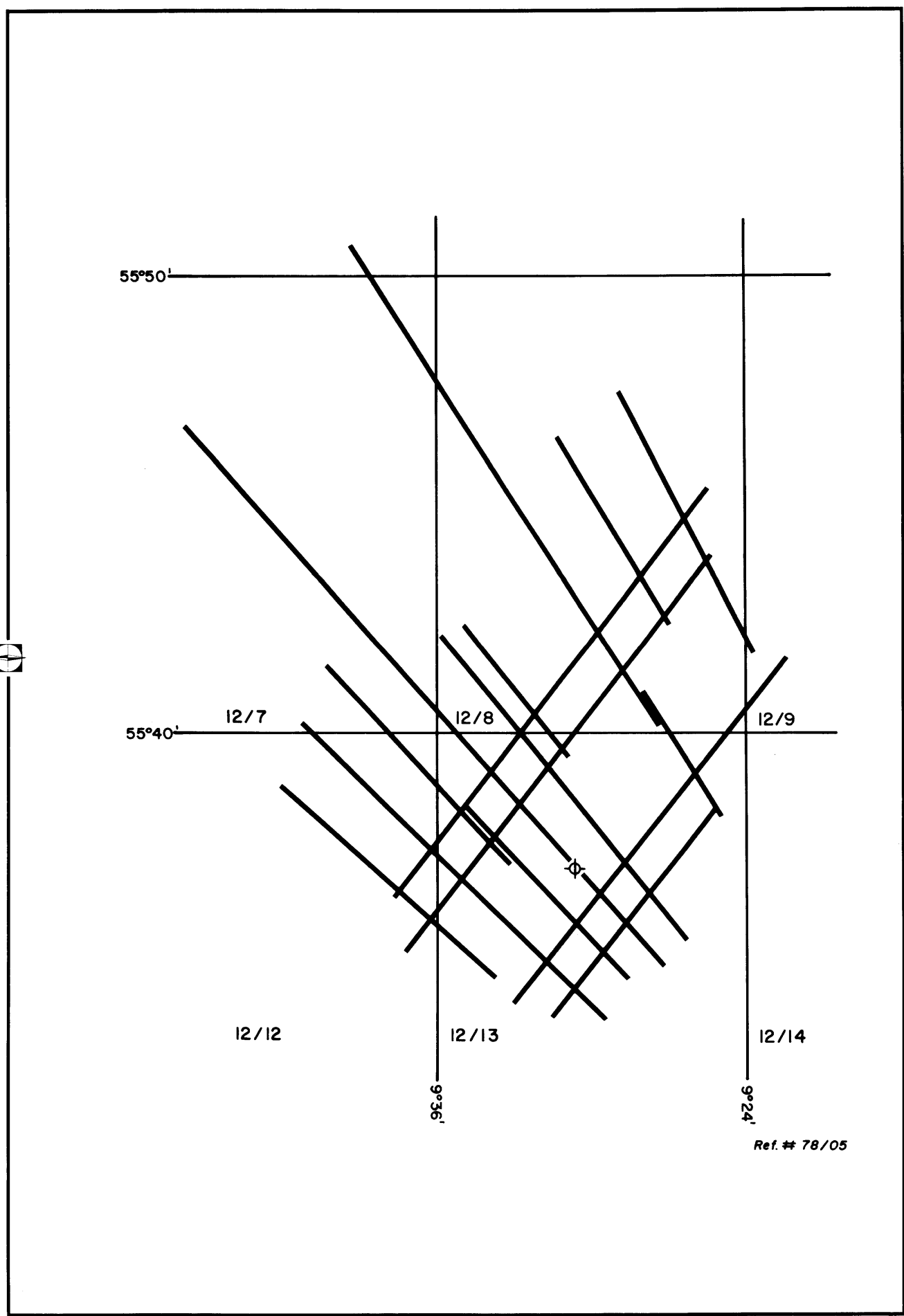
12/13

12/14

9°36'

9°24'

Ref. # 78/05



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** S.W. Irish Waters

**Reference Number:** 78-06

**Type of Data:** Seismic

**Acquisition Date:** 1978

**Acquisition Contractor:** Western

**Energy Source:** Maxipulse

**Total:** 360 km

**Recording Parameters:**

**Cable:** 3,000 M, 60 Group

**Spread:** N/A

**Group Interval:** 50 M

**Recording:** DDS 888

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

3000%

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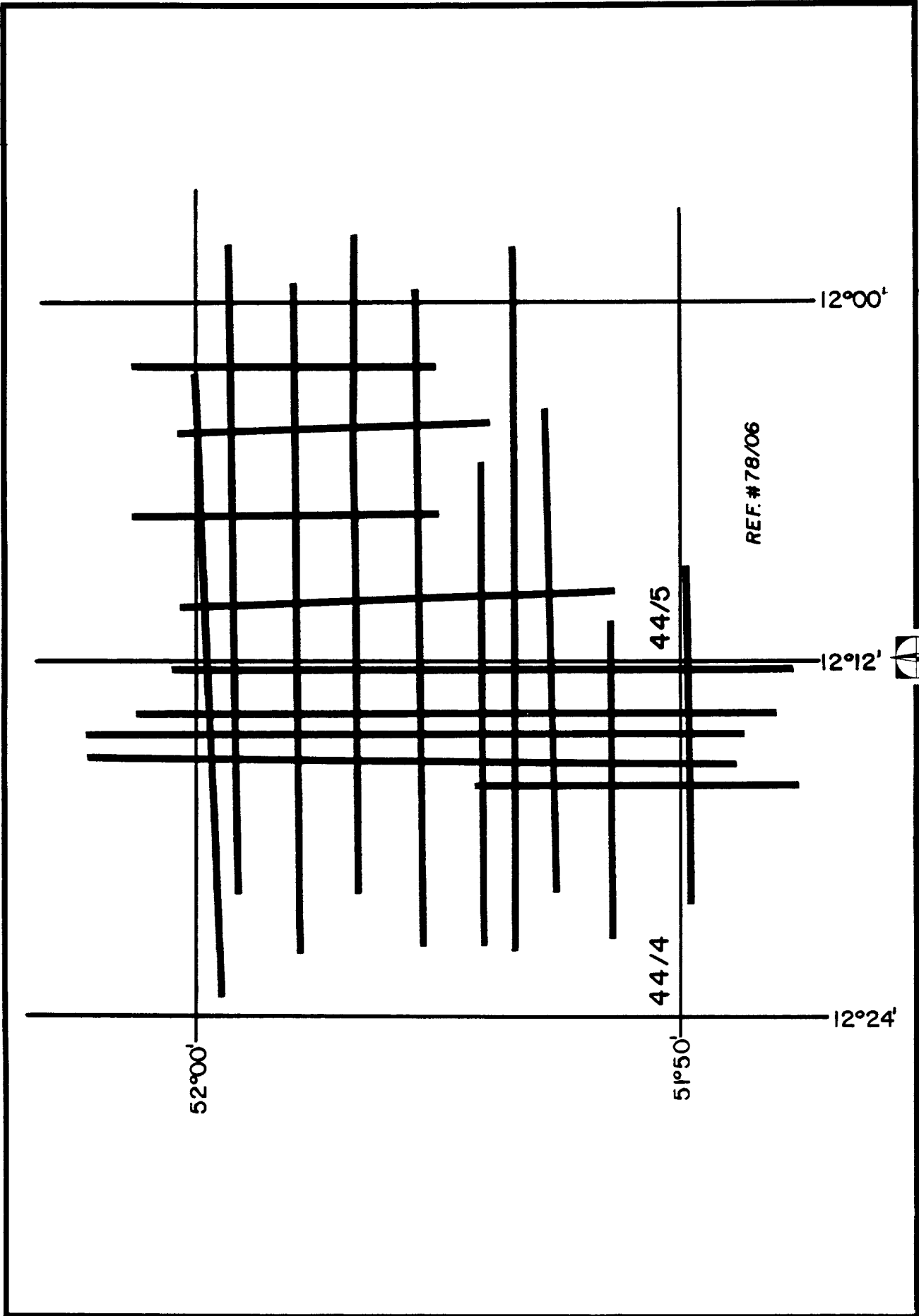
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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Northern Irish Waters

**Reference Number:** 78-07

**Type of Data:** Seismic

**Acquisition Date:** 1978

**Acquisition Contractor:** Petty Ray

**Energy Source:** Air Guns

**Total:** 180 km

**Recording Parameters:**

**Cable:** 2,400 M, 96 Group

**Spread:** N/A

**Group Interval:** 25 M

**Recording:** DFS V

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

4800%

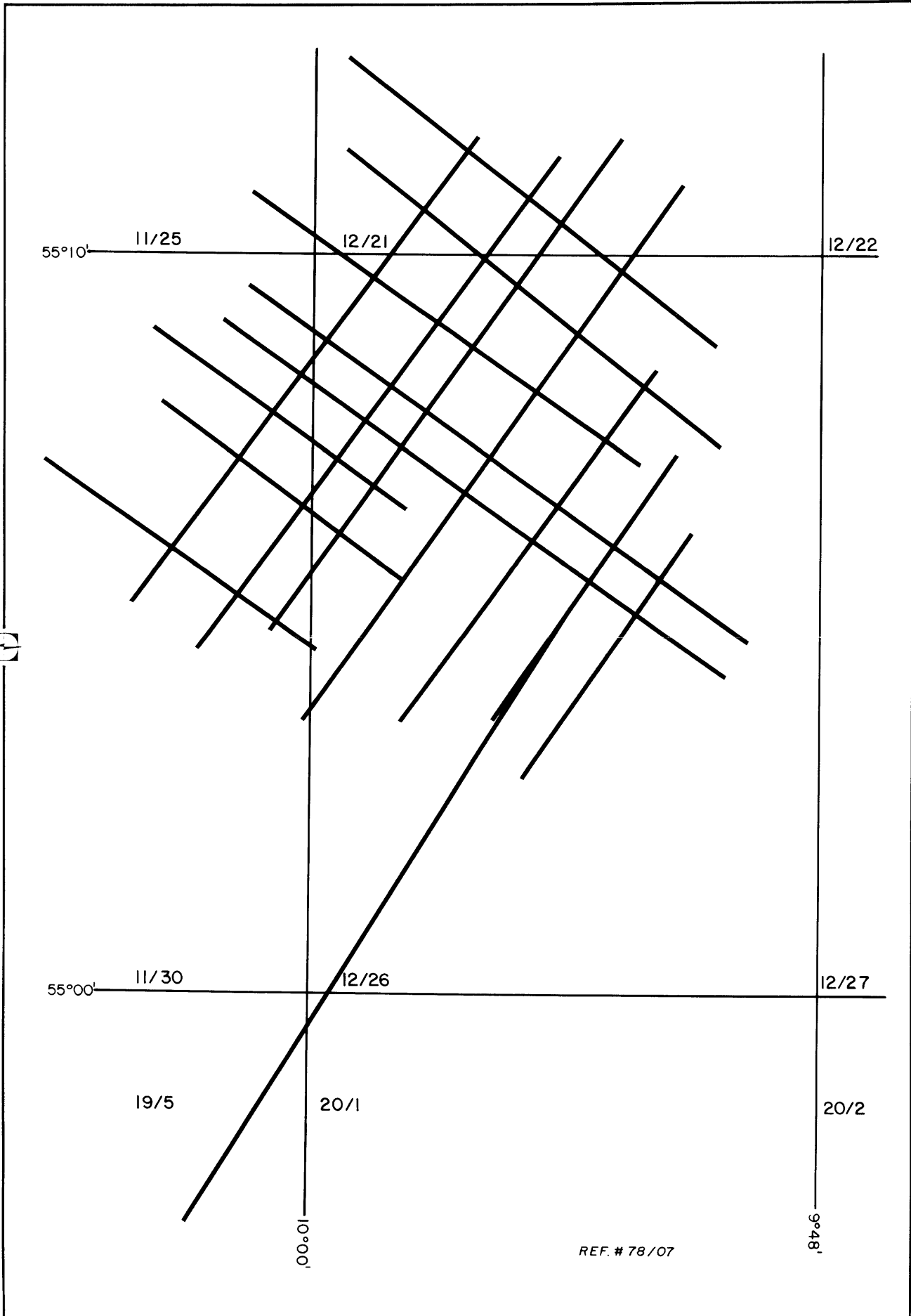
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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** S.W. Irish Waters

**Reference Number:** 78-08

**Type of Data:** Seismic

**Acquisition Date:** 1978

**Acquisition Contractor:** Western

**Energy Source:** Maxipulse

**Total:** 160 km

**Recording Parameters:**

**Cable:** 3,000 M, 60 Group

**Spread:** N/A

**Group Interval:** 70 M (Overlapping)

**Recording:** DDS 888

**Sample Rate:** 4MS to 7 seconds

**Multiplicity:** 60 fold

**Field Tapes Available:**

**Processing Parameters:**

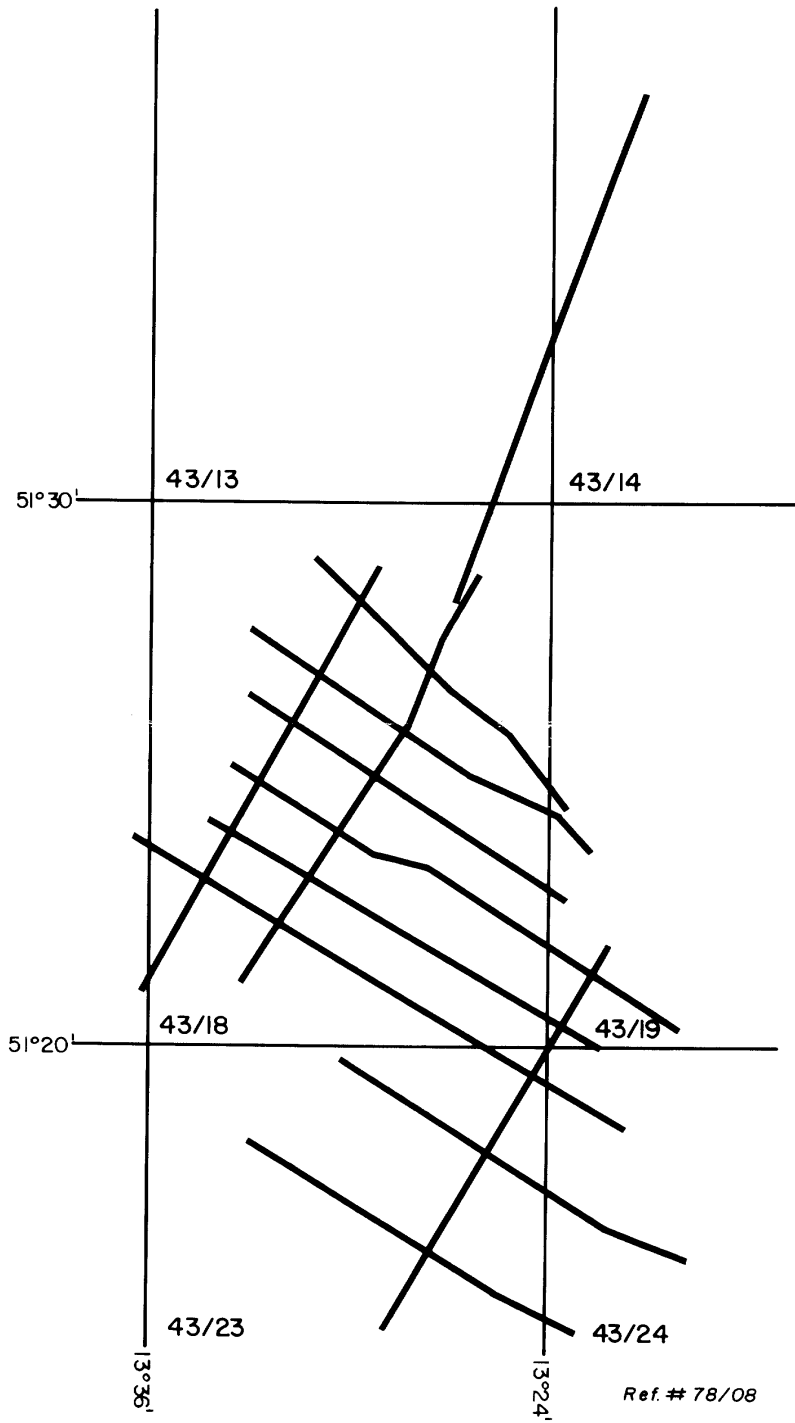
6000%

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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** West Irish Waters

**Reference Number:** 78-09

**Type of Data:** Seismic

**Acquisition Date:** 1978

**Acquisition Contractor:** Petty Ray

**Energy Source:** Air Guns

**Total:** 140 km

**Recording Parameters:**

**Cable:** 2,400 M, 96 Group

**Spread:** N/A

**Group Interval:** 25 M

**Recording:** DFS V

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

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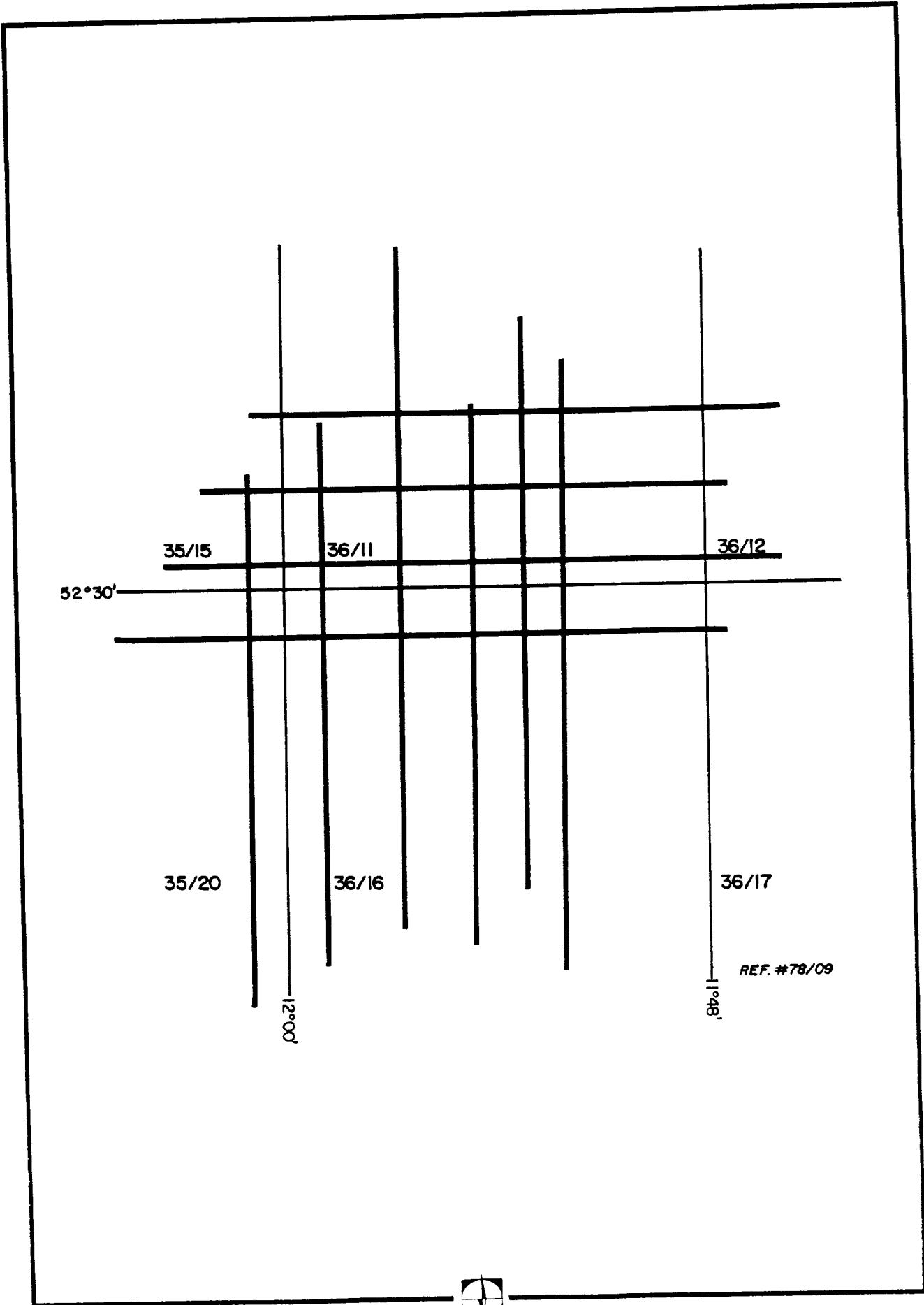
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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** N.W. Irish Waters

**Reference Number:** 78-10

**Type of Data:** Seismic

**Acquisition Date:** 1978

**Acquisition Contractor:** Western

**Energy Source:** Maxipulse

**Total:** 980 km

**Recording Parameters:**

**Cable:** 2,400 M, 48 Group

**Spread:** N/A

**Group Interval:** 70 M (Overlapping)

**Recording:** DDS 888

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 24 fold

**Field Tapes Available:**

**Processing Parameters:**

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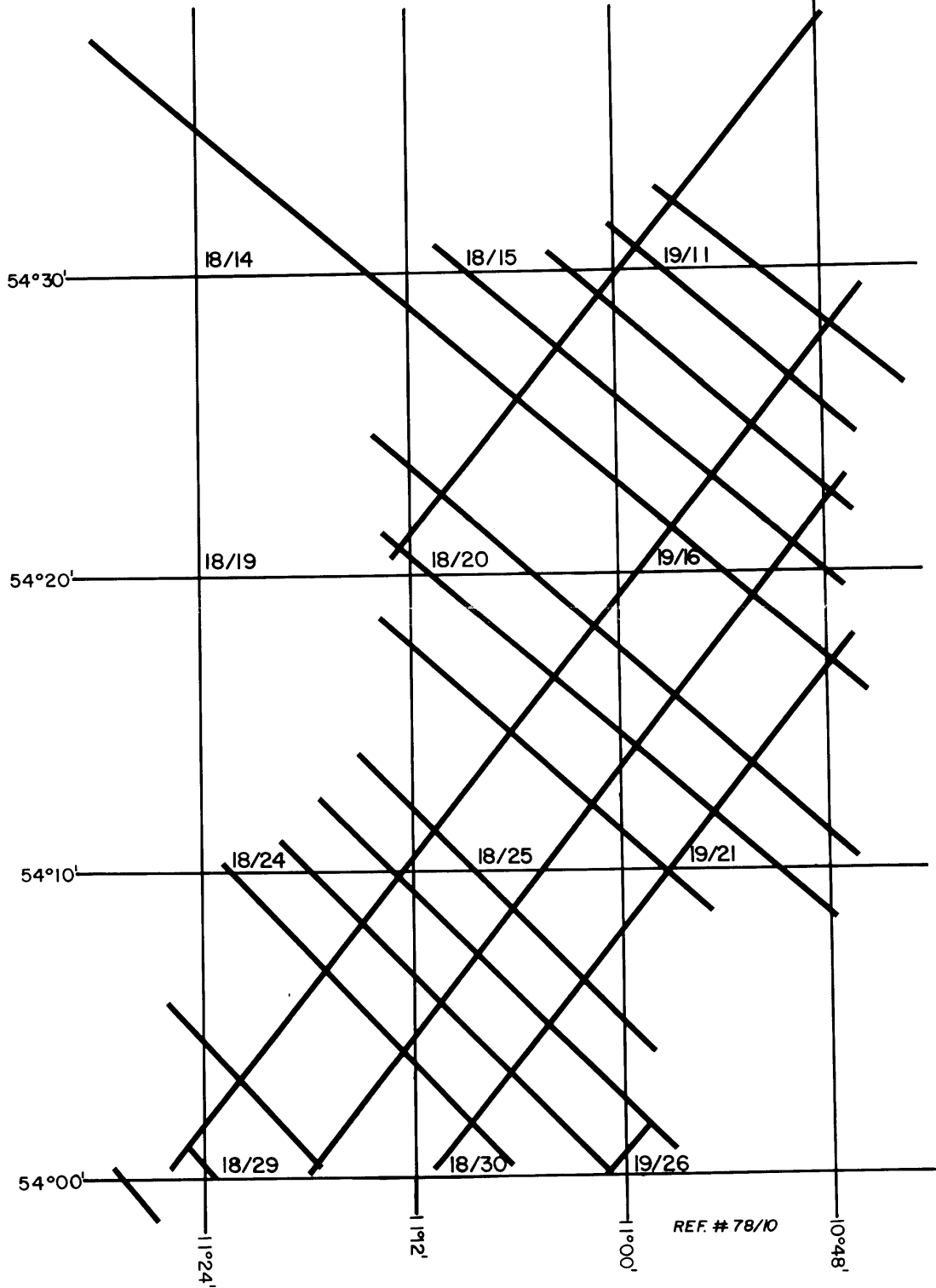
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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Bank

**Reference Number:** 79-01

**Type of Data:** Seismic

**Acquisition Date:** 1979

**Acquisition Contractor:** Western

**Energy Source:** Maxipulse

**Total:** 2,641 km

**Recording Parameters:**

**Cable:** 3,000 M, 60 Group

**Spread:** N/A

**Group Interval:** 50 M

**Recording:** DDS 888

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 30 fold

**Field Tapes Available:**

**Processing Parameters:**

3000%

DBS

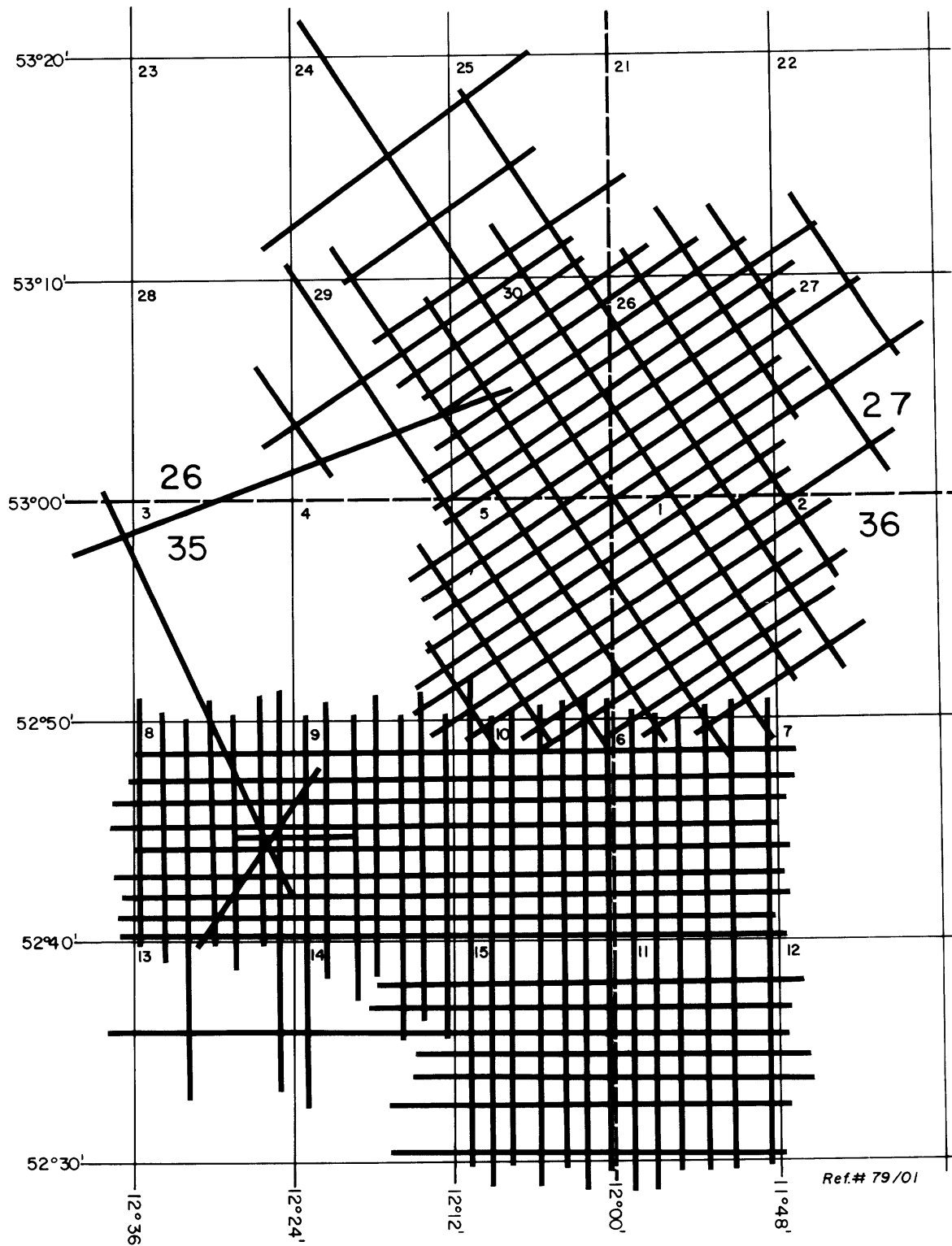
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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Celtic Sea

**Reference Number:** 79-02A-  
79-02D

**Type of Data:** Seismic

**Acquisition Date:** 1979

**Acquisition Contractor:** Western

**Energy Source:** Aquapulse

**Total:** 340 km

**Recording Parameters:**

**Cable:** 2,400 M, 96 Group

**Spread:** N/A

**Group Interval:** 25 M

**Recording:** LRS 888

**Sample Rate:** 2MS to 6 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

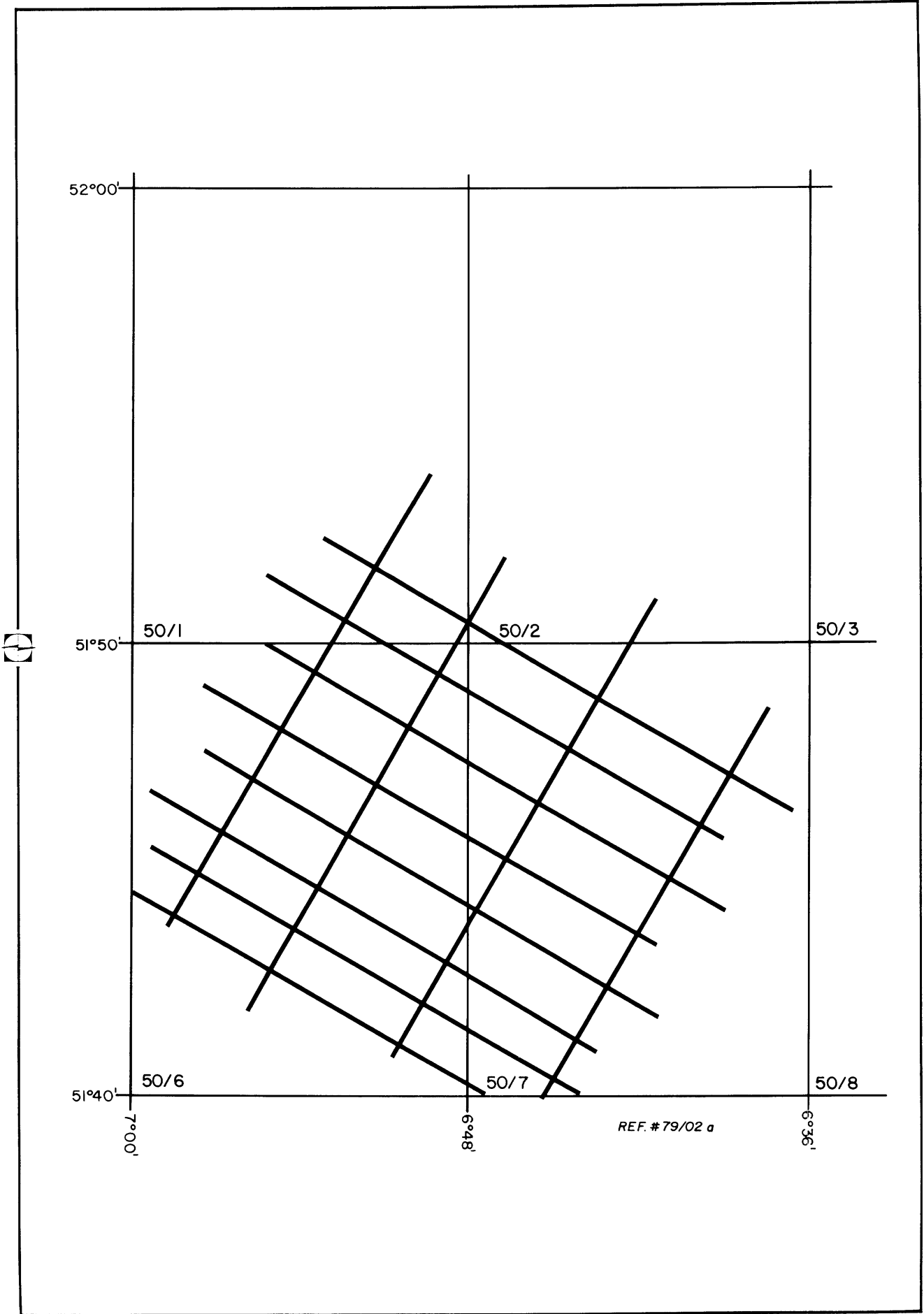
4800%

DBS

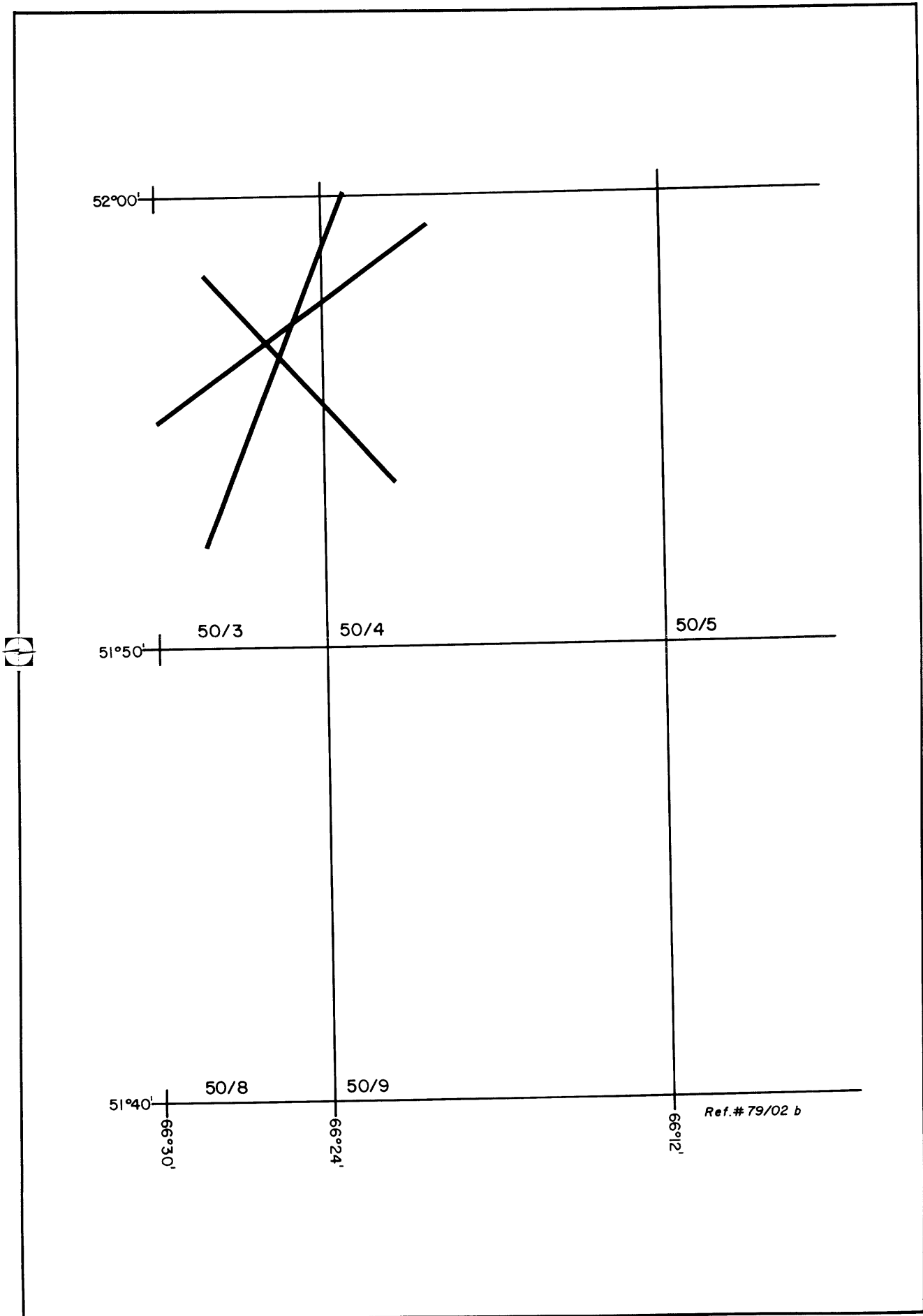
T.V. Filter

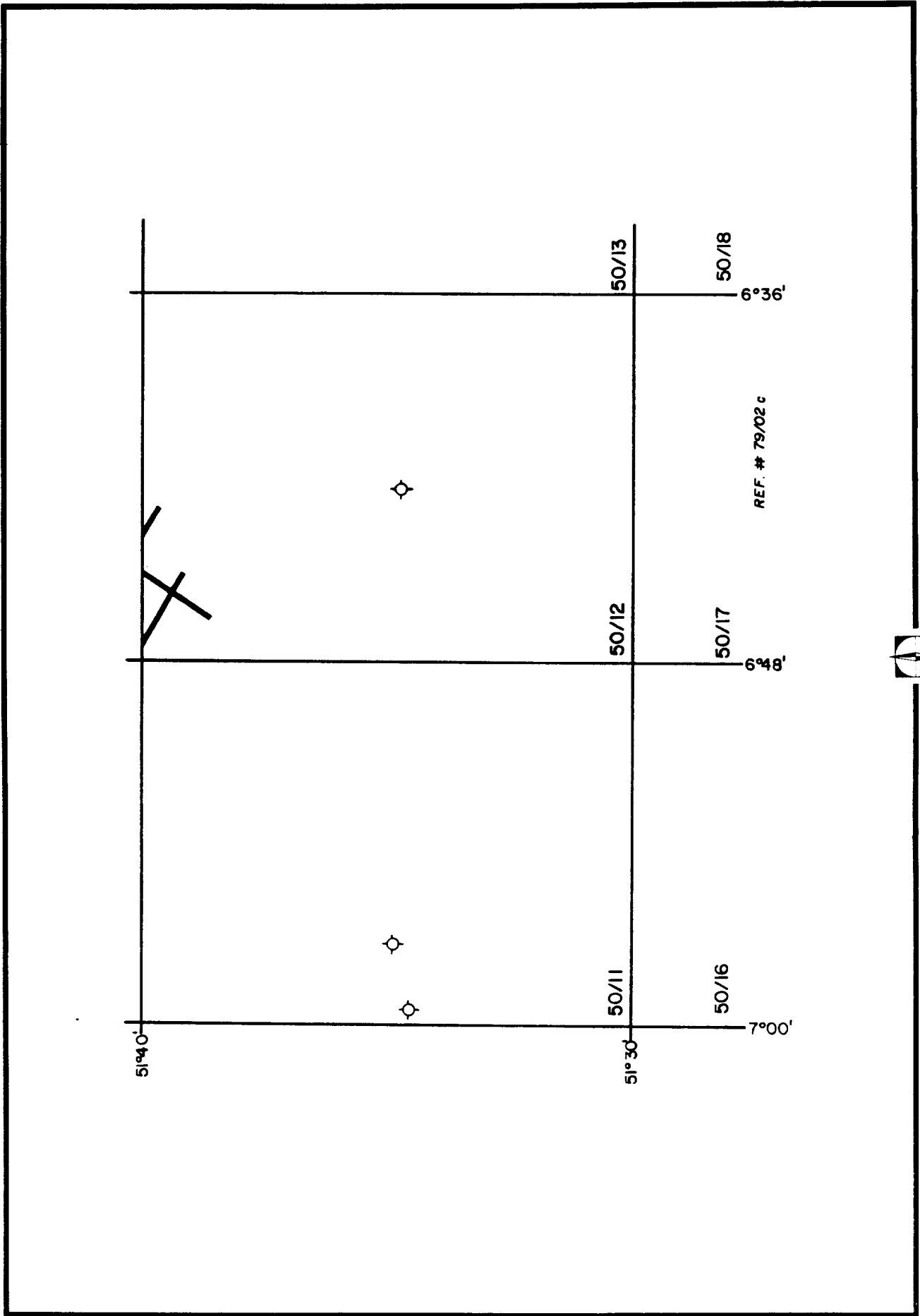
PETROCONSULTANTS, INC.  
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HOUSTON TEXAS USA











51°40'

51°30'

50/13

50/18

6°36'

50/12

50/17

6°48'

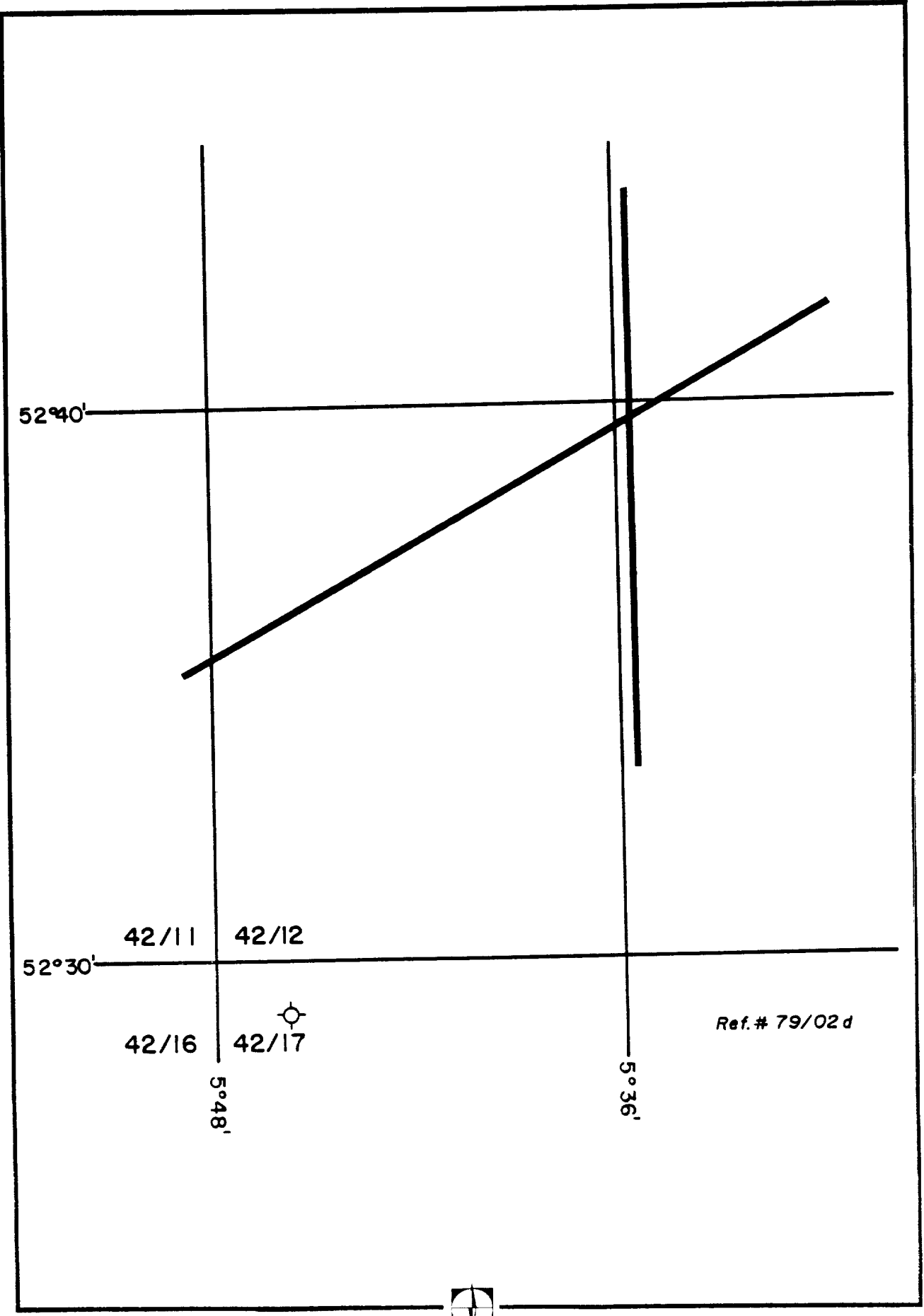
50/11

50/16

7°00'

REF. # 79/02 c





# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Bank

**Reference Number:** 79-03

**Type of Data:** Seismic

**Acquisition Date:** 1979

**Acquisition Contractor:** C.G.G.

**Energy Source:** Vaporchoc

**Total:** 393 km

**Recording Parameters:**

**Cable:** 2,400 M, 96 Group

**Spread:** N/A

**Group Interval:** 25 M

**Recording:** SN 338B

**Sample Rate:** 4MS to 3 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

4800%

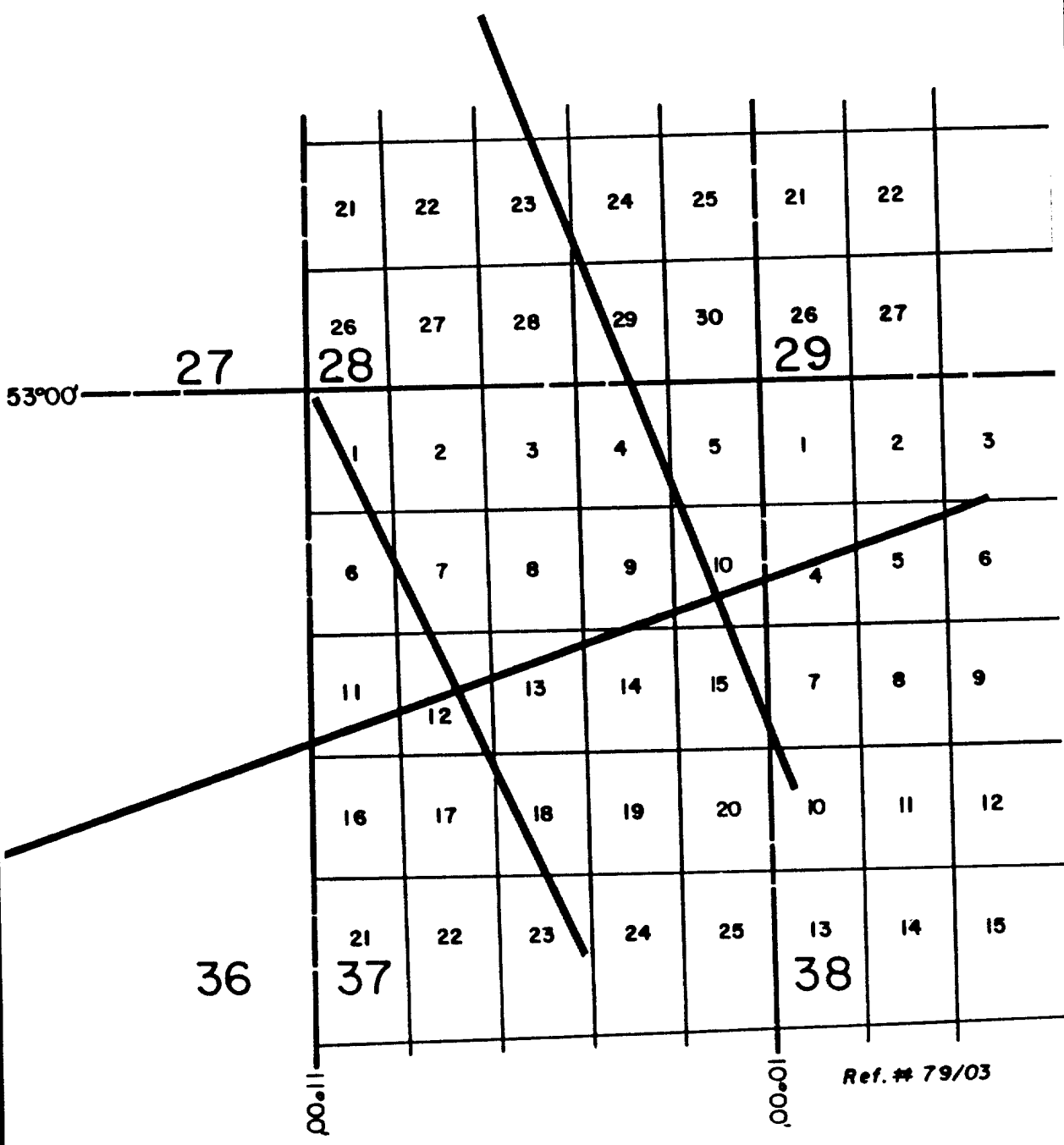
DBS

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Ref. # 79/03



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** West Irish Waters

**Reference Number:** 79-04

**Type of Data:** Seismic

**Acquisition Date:** 1979

**Acquisition Contractor:** C.G.G.

**Energy Source:** Vaporchoc

**Total:** 752 km

**Recording Parameters:**

**Cable:** 2,400 M, 96 Group

**Spread:** N/A

**Group Interval:** 25 M

**Recording:** SN 338B

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

4800%

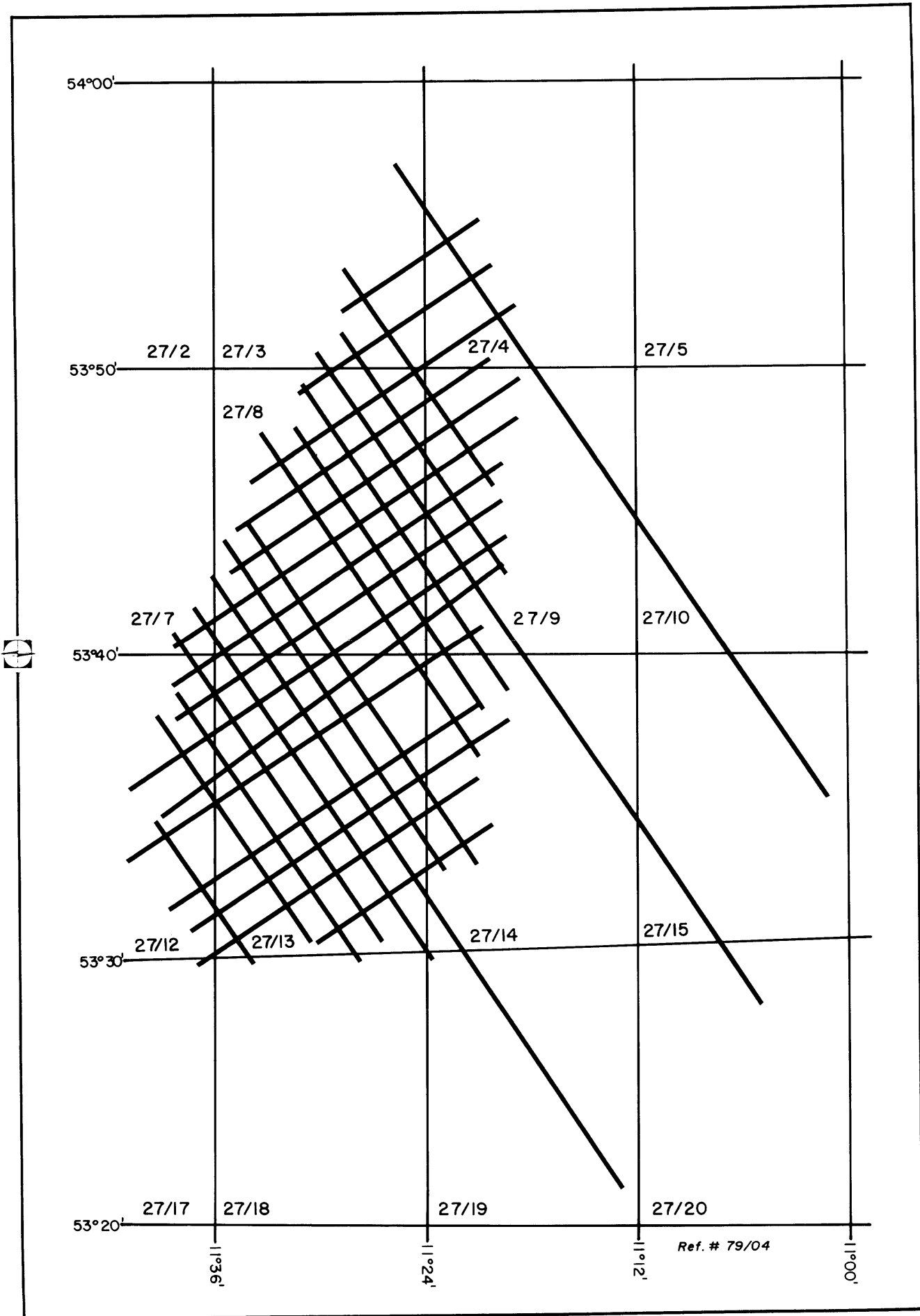
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Ref. # 79/04

# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Bank

**Reference Number:** 79-05

**Type of Data:** Seismic

**Acquisition Date:** 1979

**Acquisition Contractor:** C.G.G.

**Energy Source:** Vaporchoc

**Total:** 540 km

**Recording Parameters:**

**Cable:** 2,400 M, 96 Group

**Spread:** N/A

**Group Interval:** 25 M

**Recording:** SN 338B

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

4800%

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53°00'

25/29

25/30

26/26

52°50'

34/4

34/5

35/1

52°40'

34/9

34/10

35/6

13°24'

13°12'

13°00'

Ref. # 79/05

# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Bank

**Reference Number:** 79-06

**Type of Data:** Seismic

**Acquisition Date:** 1979

**Acquisition Contractor:** Western

**Energy Source:** Maxipulse

**Total:** 30 km

**Recording Parameters:**

**Cable:** 3,000 M, 60 Group

**Spread:** N/A

**Group Interval:** 70 M (Overlapping)

**Recording:** DDS 888

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** N/A

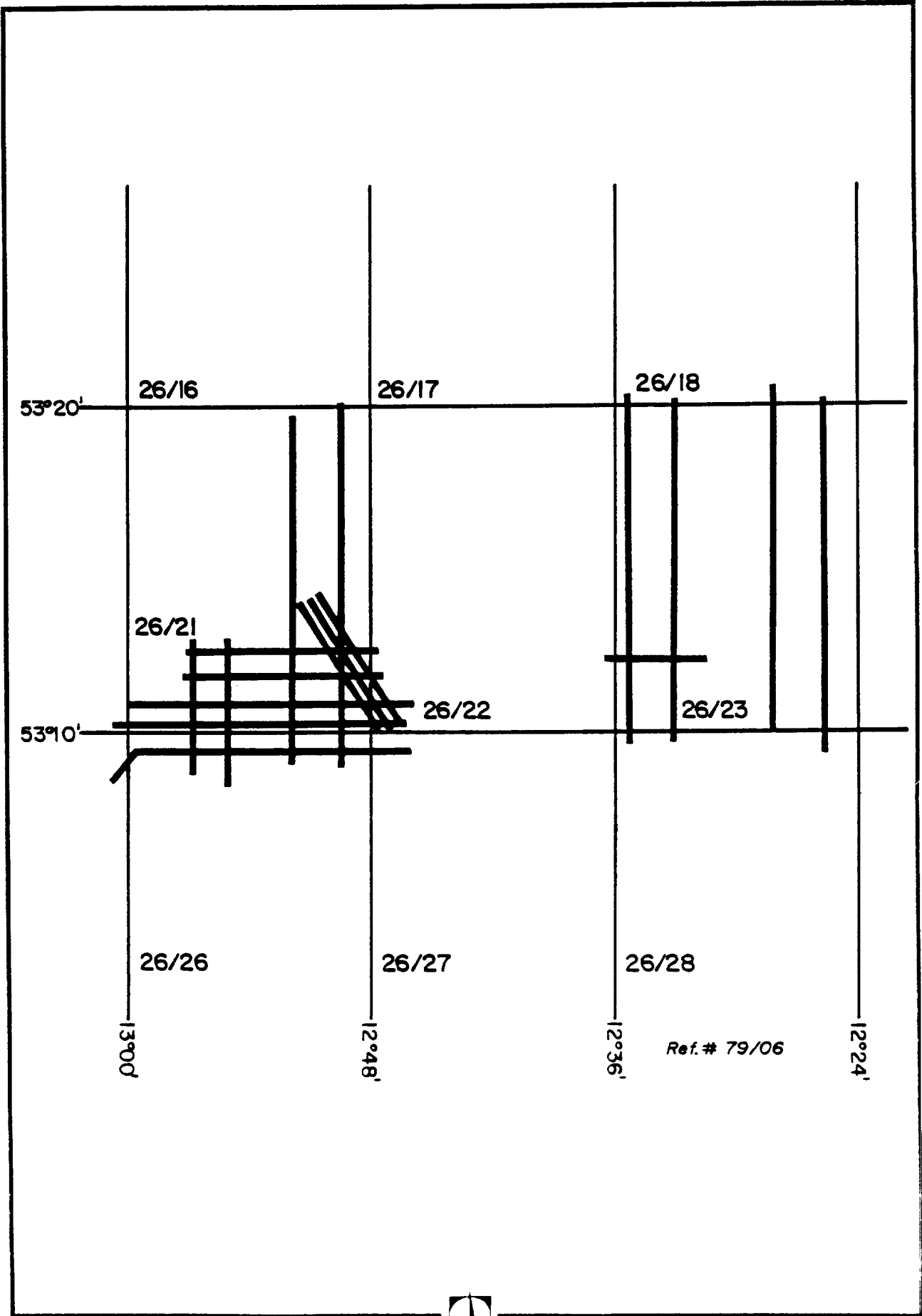
**Field Tapes Available:**

**Processing Parameters:**

N/A

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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Bank

**Reference Number:** 79-07A-  
79-07B

**Type of Data:** Seismic

**Acquisition Date:** 1979

**Acquisition Contractor:** Western

**Energy Source:** Maxipulse

**Total:** 369 km

**Recording Parameters:**

**Cable:** 3,000 M, 60 Group

**Spread:** N/A

**Group Interval:** 70 M (Overlapping)

**Recording:** DDS 888

**Sample Rate:** 4MS to 7 seconds

**Multiplicity:** 30 fold

**Field Tapes Available:**

**Processing Parameters:**

3000%

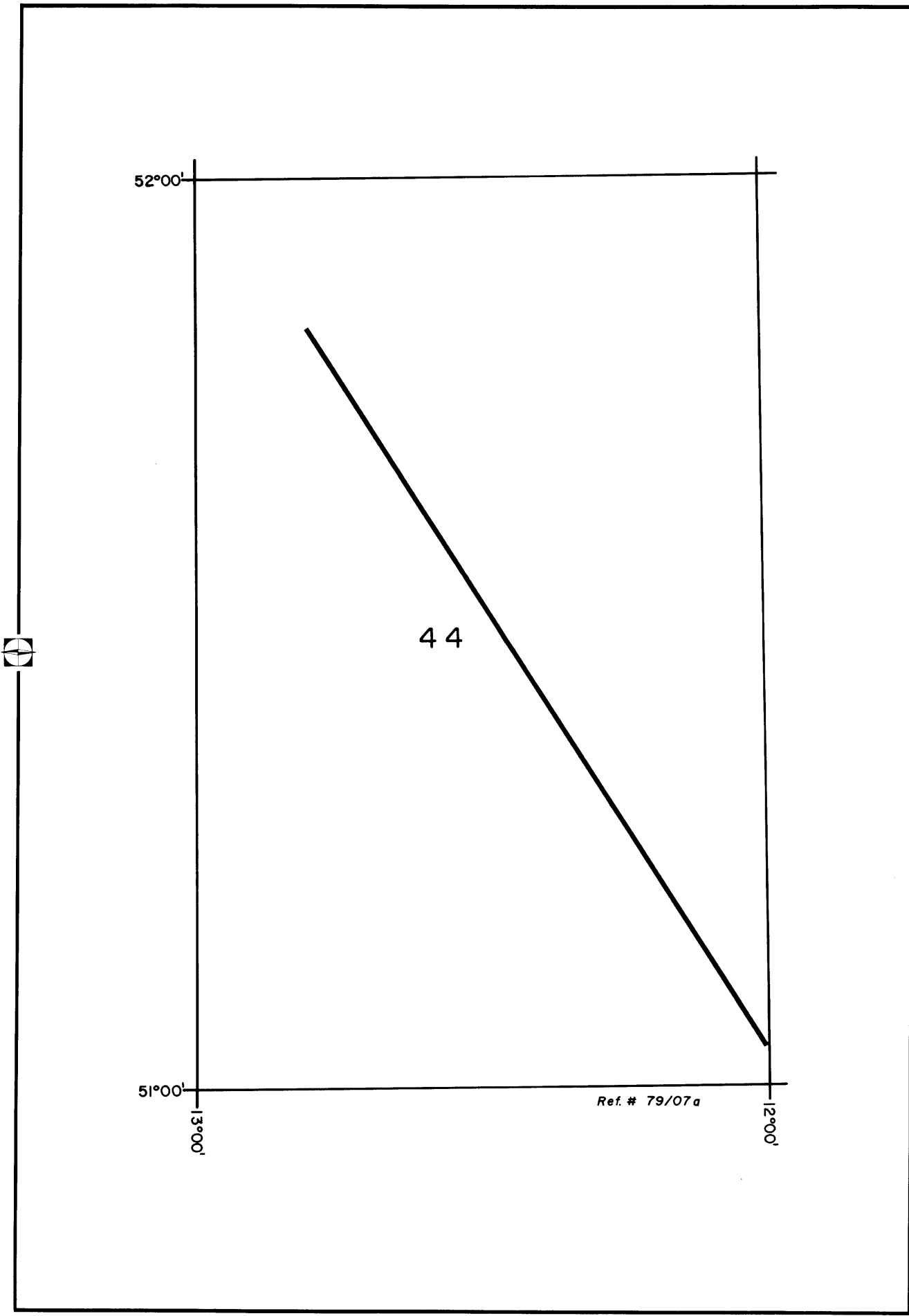
DBS

DAS

T.V. Filter

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52°00'

51°00'

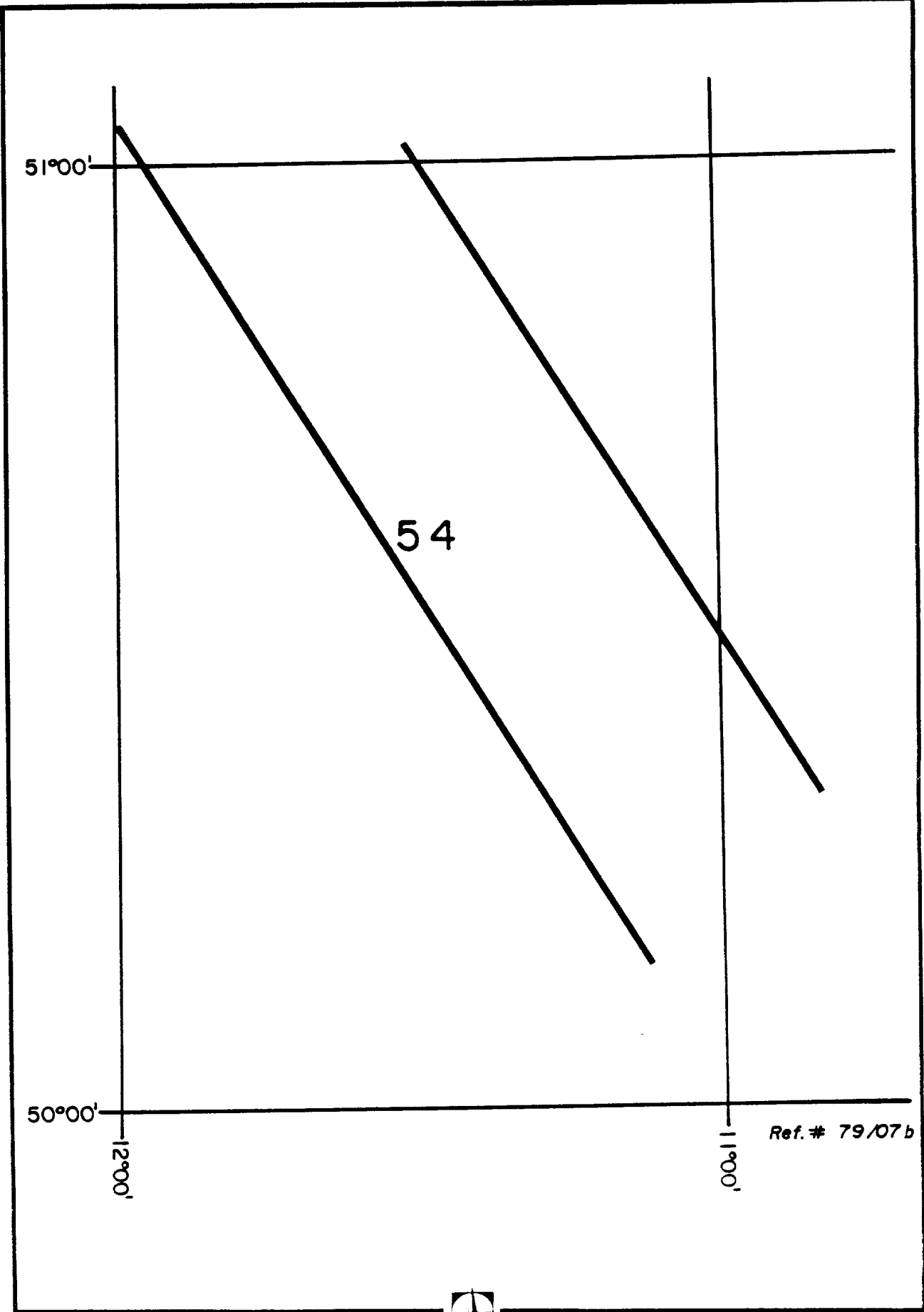
13°00'

12°00'

44

Ref. # 79/07 a





# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** West Irish Waters

**Reference Number:** 79-08

**Type of Data:** Seismic

**Acquisition Date:** 1979

**Acquisition Contractor:** Western

**Energy Source:** Maxipulse

**Total:** 805 km

**Recording Parameters:**

**Cable:** 3,000 M, 60 Group

**Spread:** N/A

**Group Interval:** 70 M (Overlapping)

**Recording:** DDS 888

**Sample Rate:** 4MS to 8 seconds

**Multiplicity:** 30 fold

**Field Tapes Available:**

**Processing Parameters:**

3000%

DBS

DAS

T.V. Filter

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HOUSTON TEXAS USA







# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Bank

**Reference Number:** 79-09

**Type of Data:** Seismic

**Acquisition Date:** 1979

**Acquisition Contractor:** Western

**Energy Source:** Maxipulse

**Total:** 833 km

**Recording Parameters:**

**Cable:** 3,000 M, 60 Group

**Spread:** N/A

**Group Interval:** 70 M (Overlapping)

**Recording:** DDS 888

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 30 fold

**Field Tapes Available:**

**Processing Parameters:**

3000%

DBS

Migration

B.P. Filter

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52°30'

35/15

36/11

52°20'

35/20

36/16

52°10'

35/25

36/16

12°12'

12°00'

11°48'

REF. # 79/09



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe  
**Country:** Ireland  
**Area:** Offshore Porcupine Bank  
**Reference Number:** 79-10

**Type of Data:** Seismic

**Acquisition Date:** 1979

**Acquisition Contractor:** Western

**Energy Source:** Maxipulse

**Total:** 259 km

**Recording Parameters:**

**Cable:** 3,000 M, 60 Group

**Spread:** N/A

**Group Interval:** 70 M (Overlapping)

**Recording:** DDS 888

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 30 fold

**Field Tapes Available:**

**Processing Parameters:**

3000%

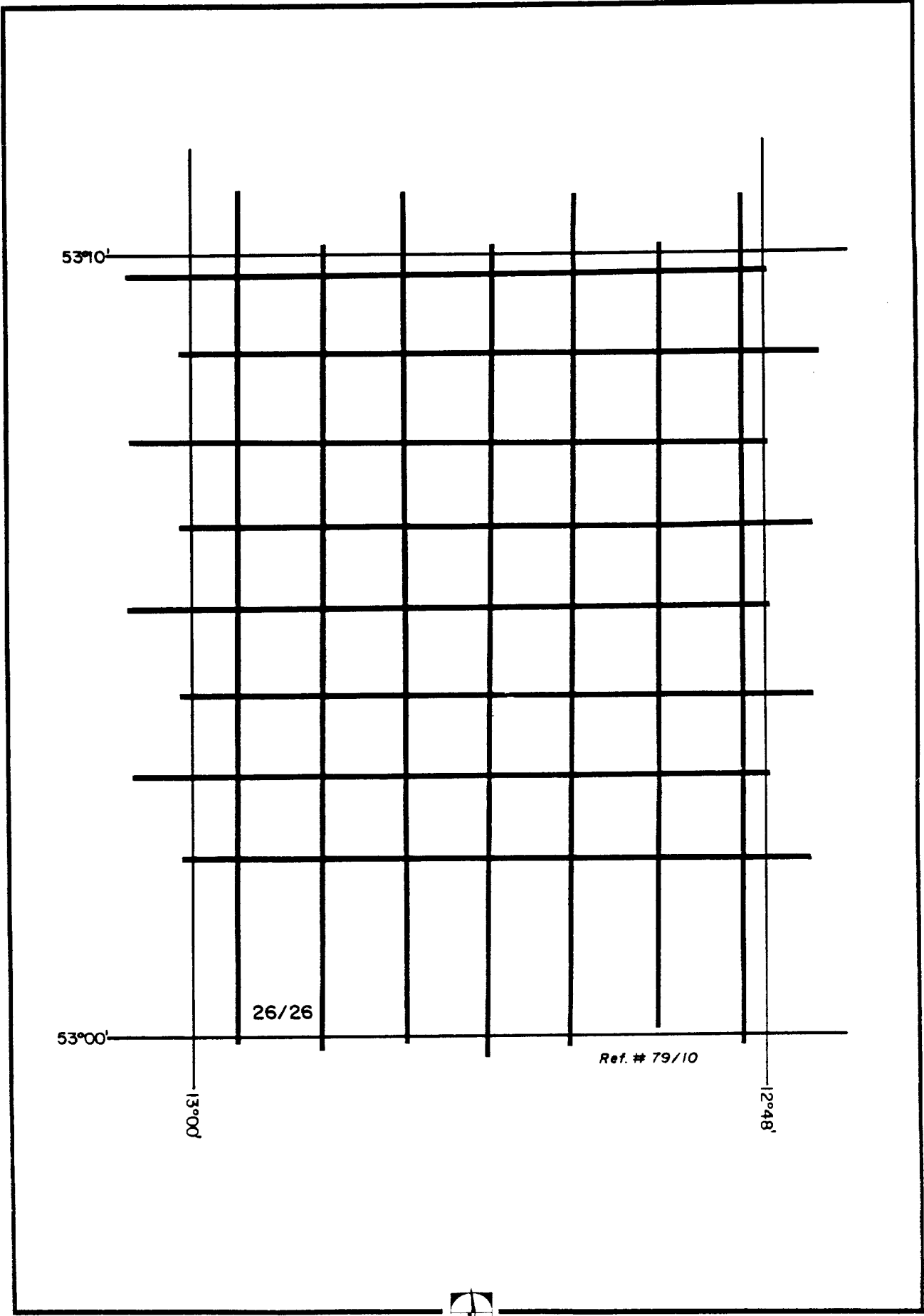
DBS

DAS

B.P. Filter

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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Bank

**Reference Number:** 79-11A  
79-11B

**Type of Data:** Seismic

**Acquisition Date:** 1979

**Acquisition Contractor:** Western

**Energy Source:** Maxipulse

**Total:** 572 km

**Recording Parameters:**

**Cable:** 3,000 M, 60 Group

**Spread:** N/A

**Group Interval:** 70 M (Overlapping)

**Recording:** DDS 888

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 60 fold

**Field Tapes Available:**

**Processing Parameters:**

6000%

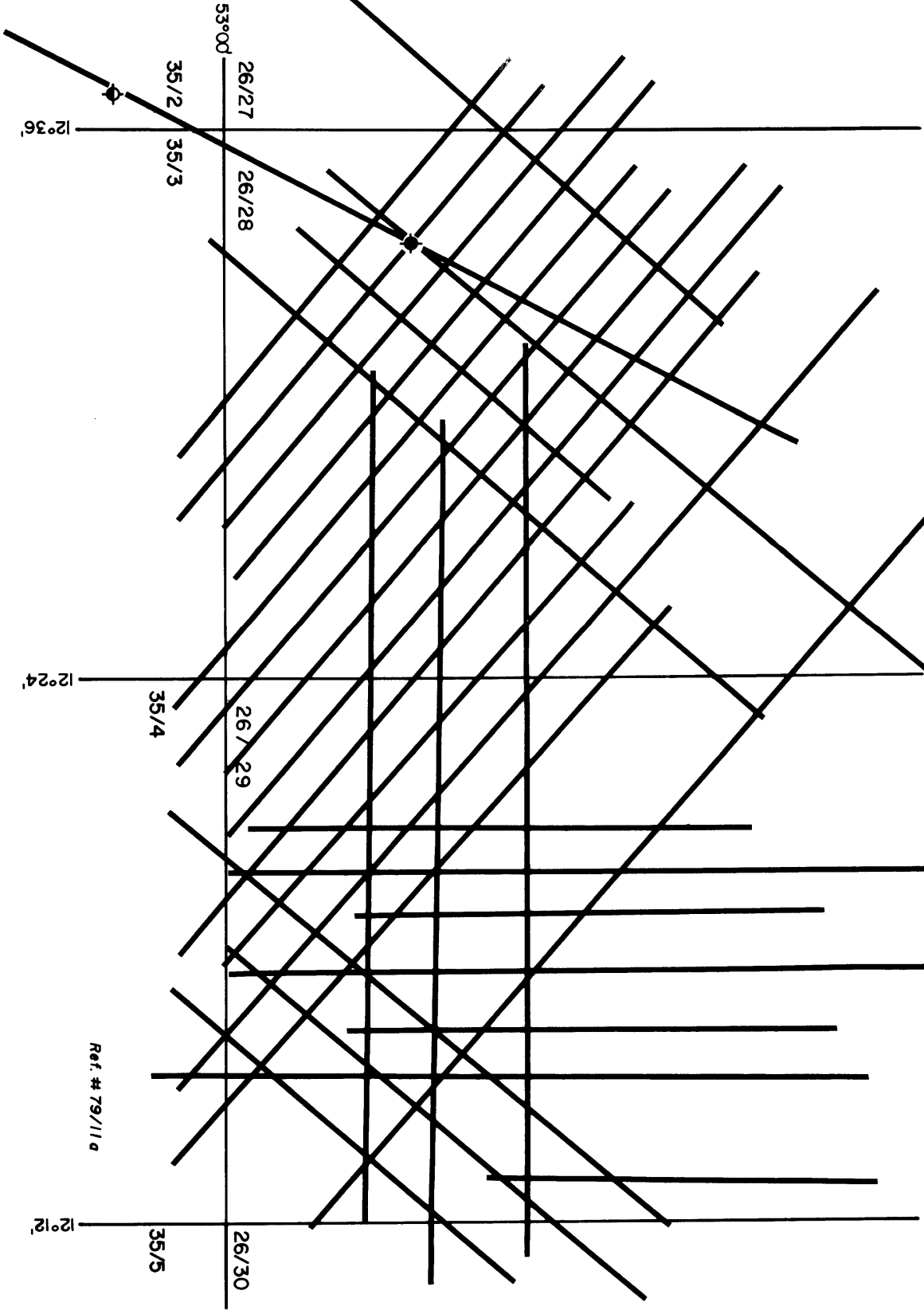
DBS

DAS

T.V. Filter

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Ref. # 79/11 a

53°00'  
26/27  
26/28  
26/29  
26/30

12°36'  
35/2  
35/3

12°24'  
35/4

12°12'  
35/5



53°20'

26/17

26/18

26/22

26/23

12°36'

26/19

26/24

12°24'

Ref. # 79/11 b



# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe  
**Country:** Ireland  
**Area:** Offshore Porcupine Bank  
**Reference Number:** 80-01

**Type of Data:** Seismic

**Acquisition Date:** 1980

**Acquisition Contractor:** Western

**Energy Source:** Air Guns

**Total:** 267 km

**Recording Parameters:**

**Cable:** 2,400 M, 96 Group

**Spread:** N/A

**Group Interval:** 50 M (Overlapping)

**Recording:** LRS 888

**Sample Rate:** 4MS to 6 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

4800%

DBS

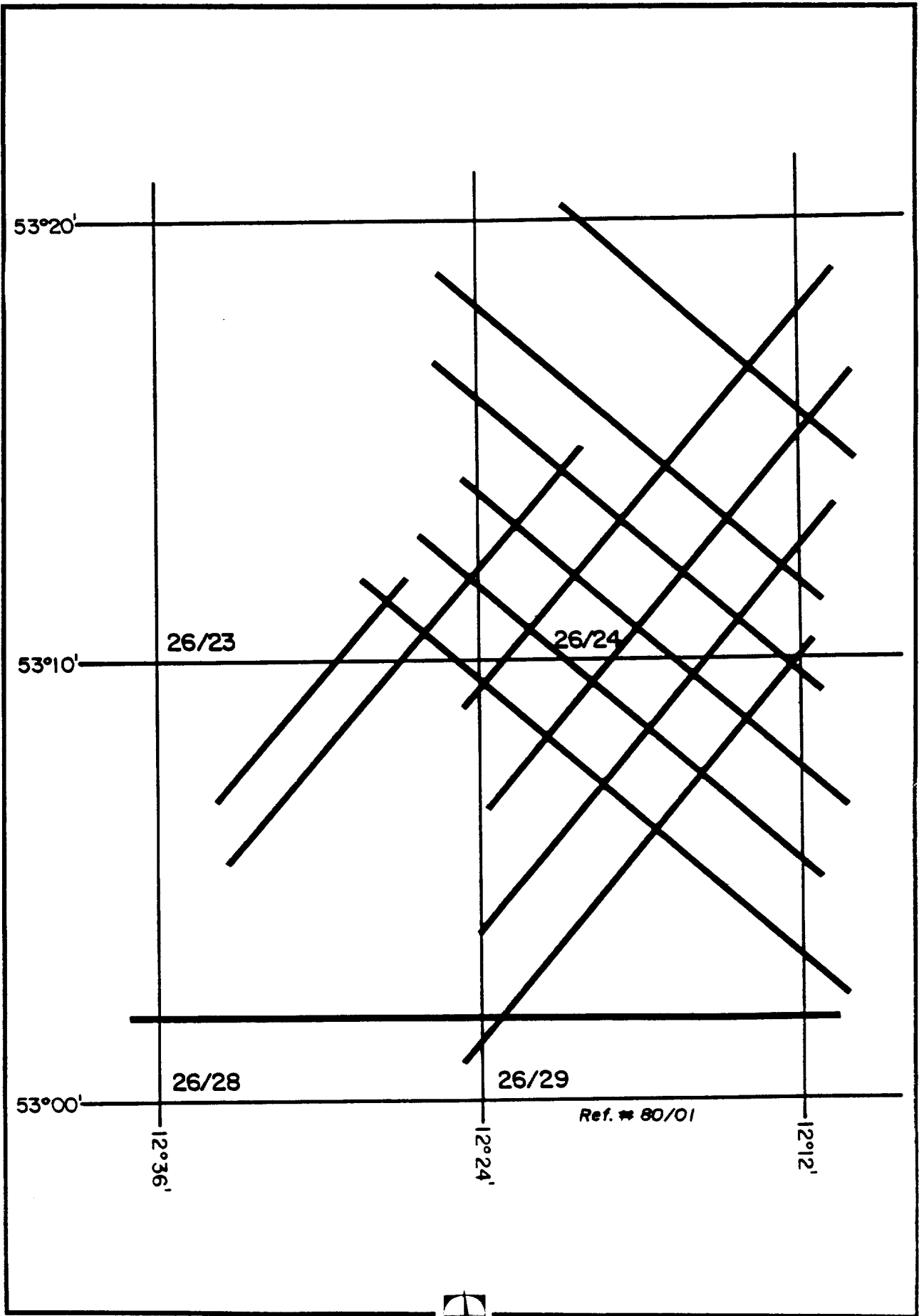
DAS

T.V. Filter

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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** S.W. Irish Waters

**Reference Number:** 80-03

**Type of Data:** Seismic

**Acquisition Date:** 1980

**Acquisition Contractor:** C.G.G.

**Energy Source:** Vaporchoc

**Total:** 922 km

**Recording Parameters:**

**Cable:** 2,400 M, 96 Group

**Spread:** N/A

**Group Interval:** 25 M

**Recording:** SN 338

**Sample Rate:** 2MS to 6 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

4800%

DBS

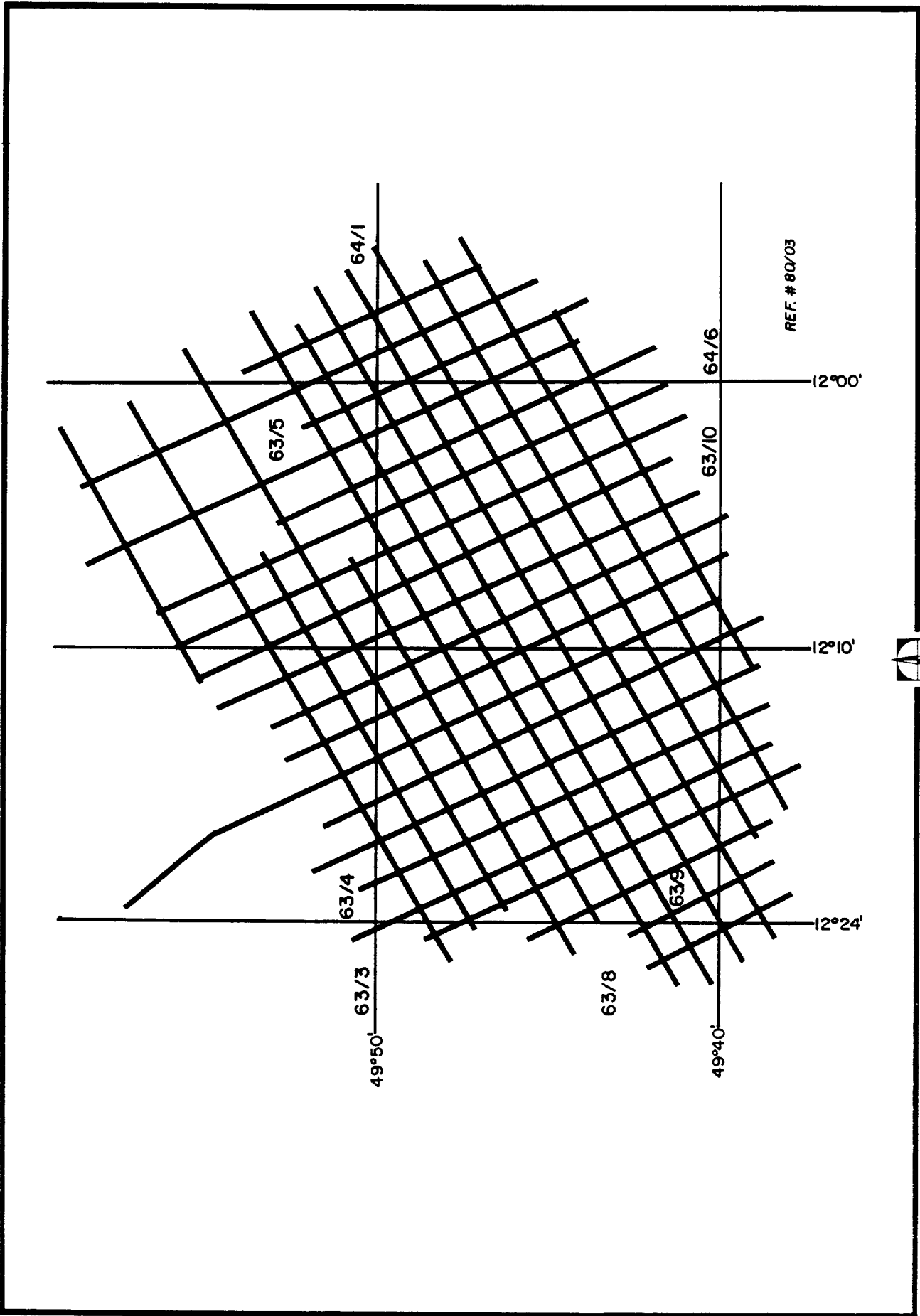
DAS

Migration

Velocity Filter

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64/1

63/5

64/6

REF. # 80/03

12°00'

63/10

12°10'



63/4

63/8

12°24'

63/3

63/8

49°50'

49°40'

# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** S.W. Irish Waters

**Reference Number:** 80-04

**Type of Data:** Seismic

**Acquisition Date:** 1980

**Acquisition Contractor:** Exxon Exploration

**Energy Source:** Gas Guns

**Total:** 2,993 km

**Recording Parameters:**

**Cable:** 3,280 M, 203 Group

**Spread:** N/A

**Group Interval:** 15 M

**Recording:** GUS

**Sample Rate:** 4MS to 8 seconds

**Multiplicity:**

**Field Tapes Available:**

**Processing Parameters:**

72/36 fold stack

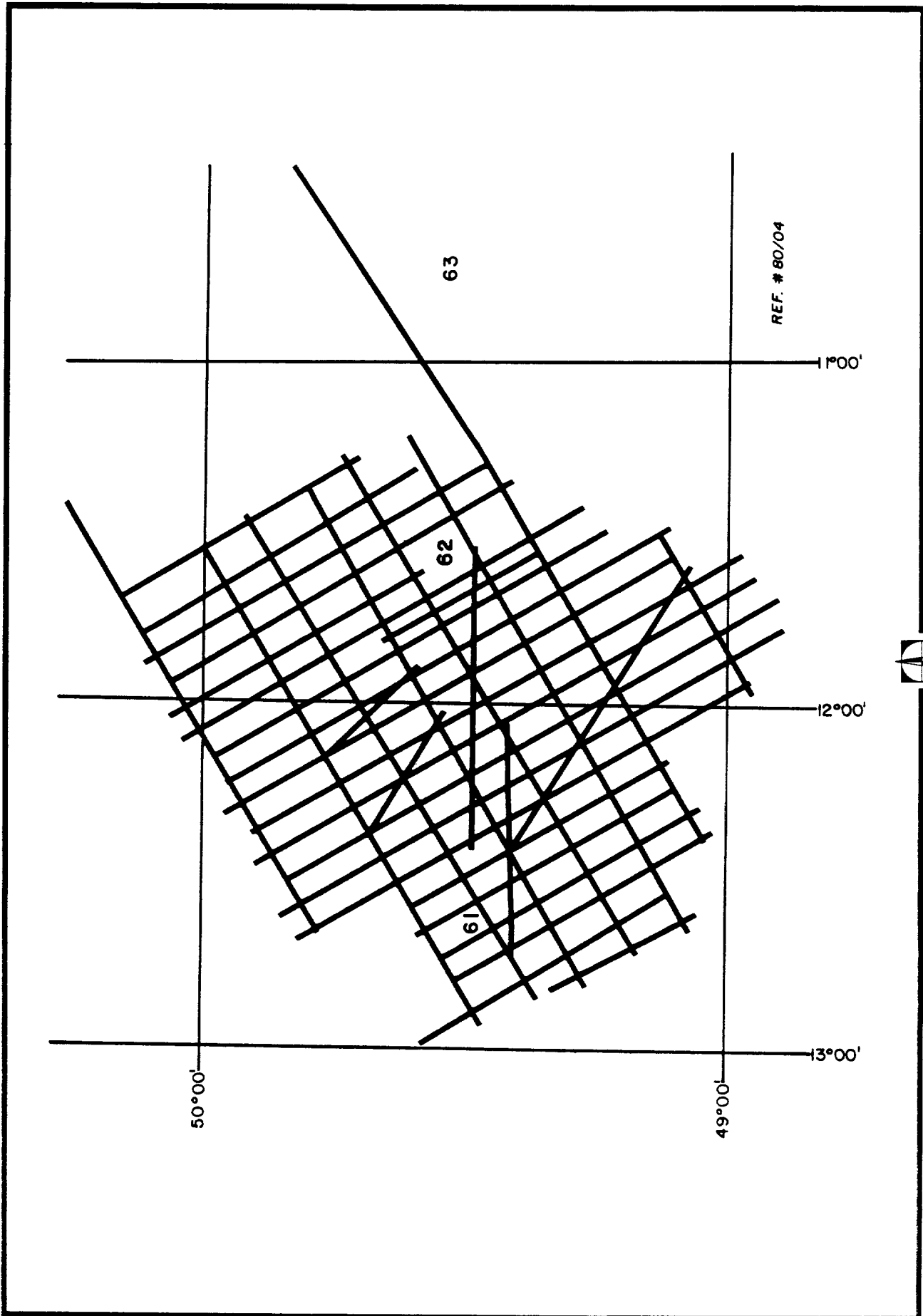
DBS

DAS

T.V. Filter

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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Bank

**Reference Number:** 80-05

**Type of Data:** Seismic

**Acquisition Date:** 1980

**Acquisition Contractor:** G.S.I.

**Energy Source:** Air Guns

**Total:** 736 km

**Recording Parameters:**

**Cable:** 2,400 M, 96 Group

**Spread:** N/A

**Group Interval:** 25 M

**Recording:** DSF V

**Sample Rate:** 4MS to 5 seconds

**Multiplicity:** 48 fold

**Field Tapes Available:**

**Processing Parameters:**

4800%

DBS

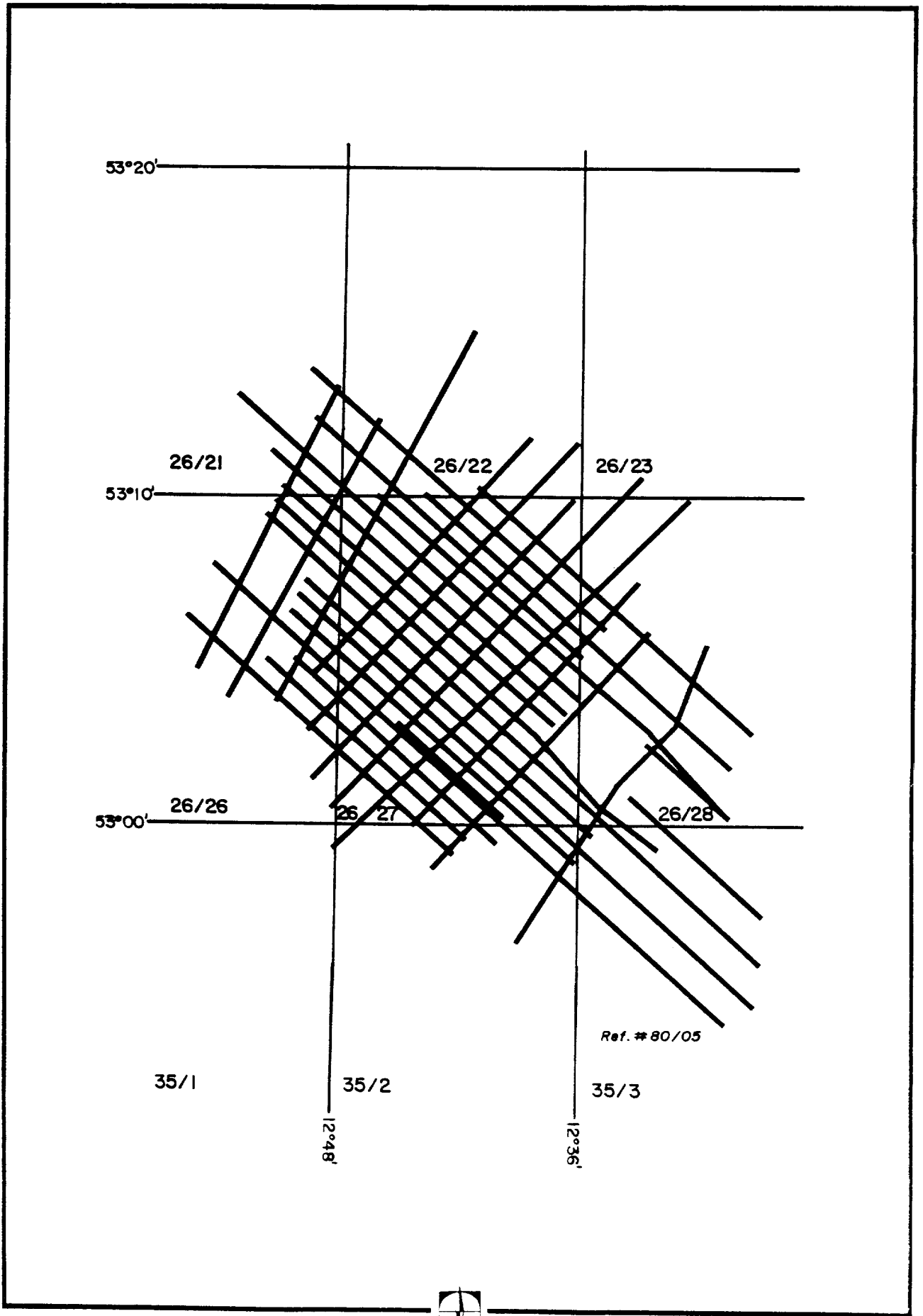
DAS

Migration

T.V. Filter

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# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** S.W. Irish Waters

**Reference Number:** 80-06A-  
80-06D

**Type of Data:** Seismic

**Acquisition Date:** 1980

**Acquisition Contractor:** Western

**Energy Source:** Maxipulse

**Total:** 2,198 km

**Recording Parameters:**

**Cable:** 3,000 M, 60 Group

**Spread:** N/A

**Group Interval:** 50 M

**Recording:** LRS 888

**Sample Rate:** 4MS to 7 seconds

**Multiplicity:** 30 fold

**Field Tapes Available:**

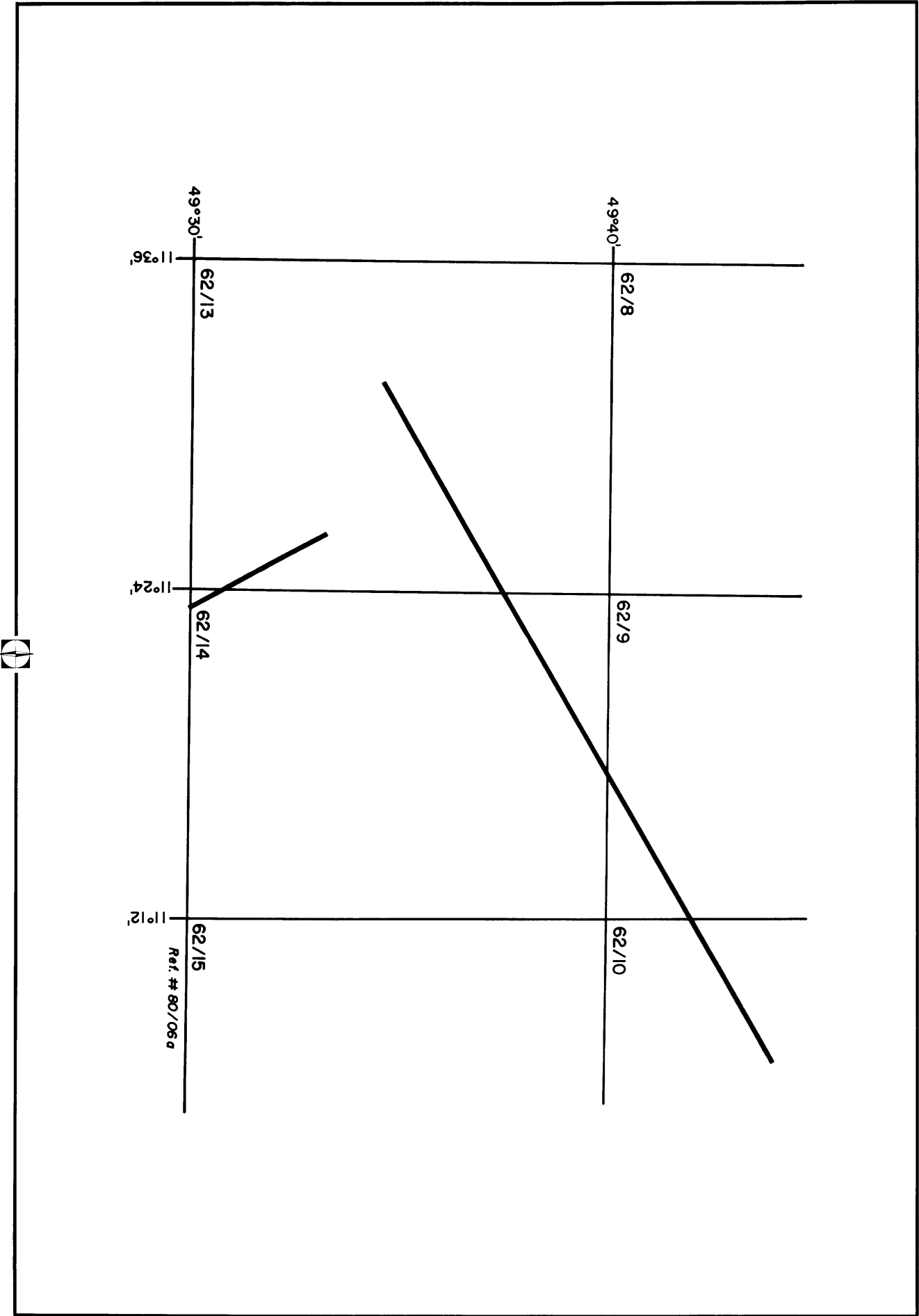
**Processing Parameters:**

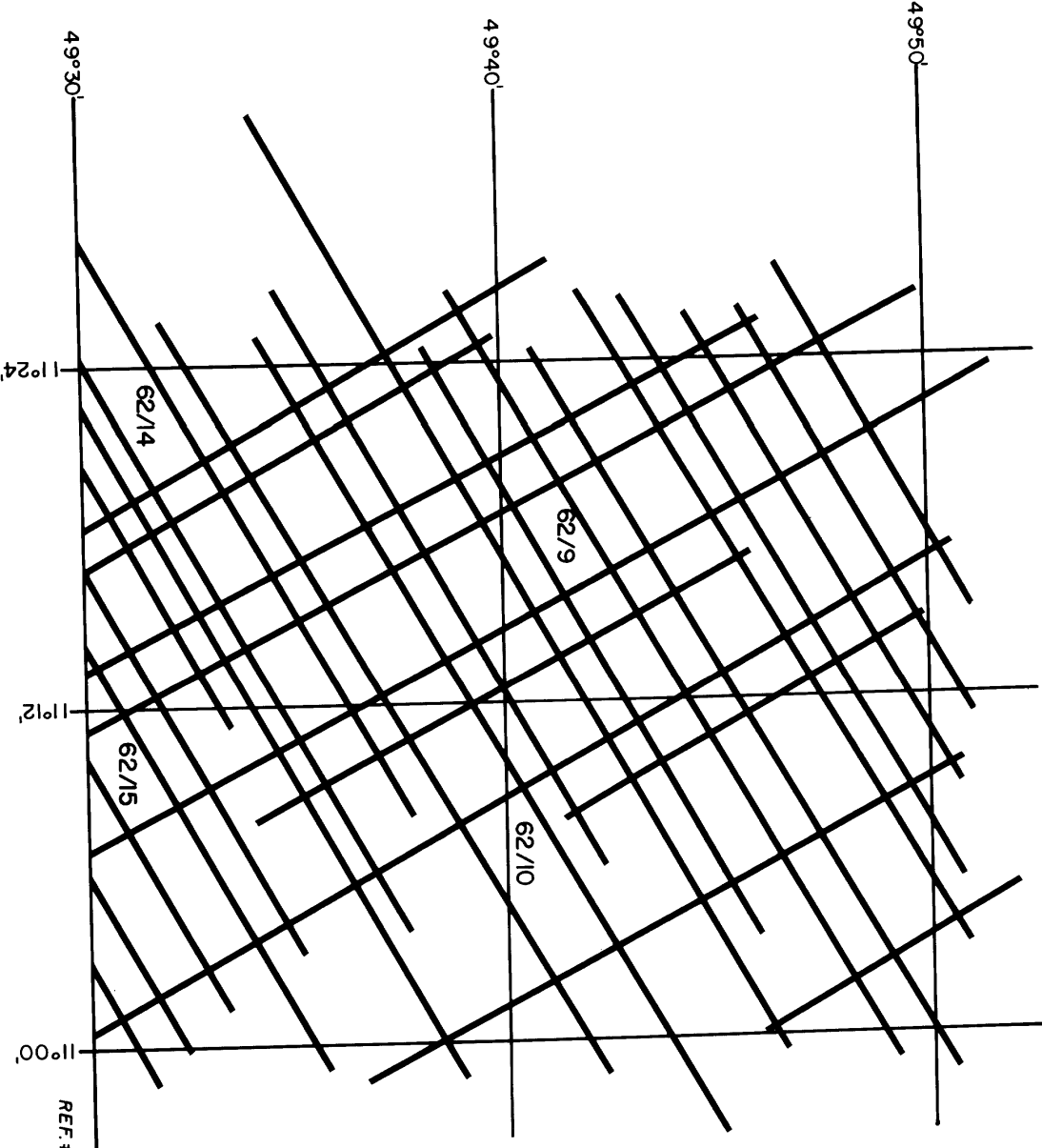
3000%  
DBS  
DAS  
T.V. Filter

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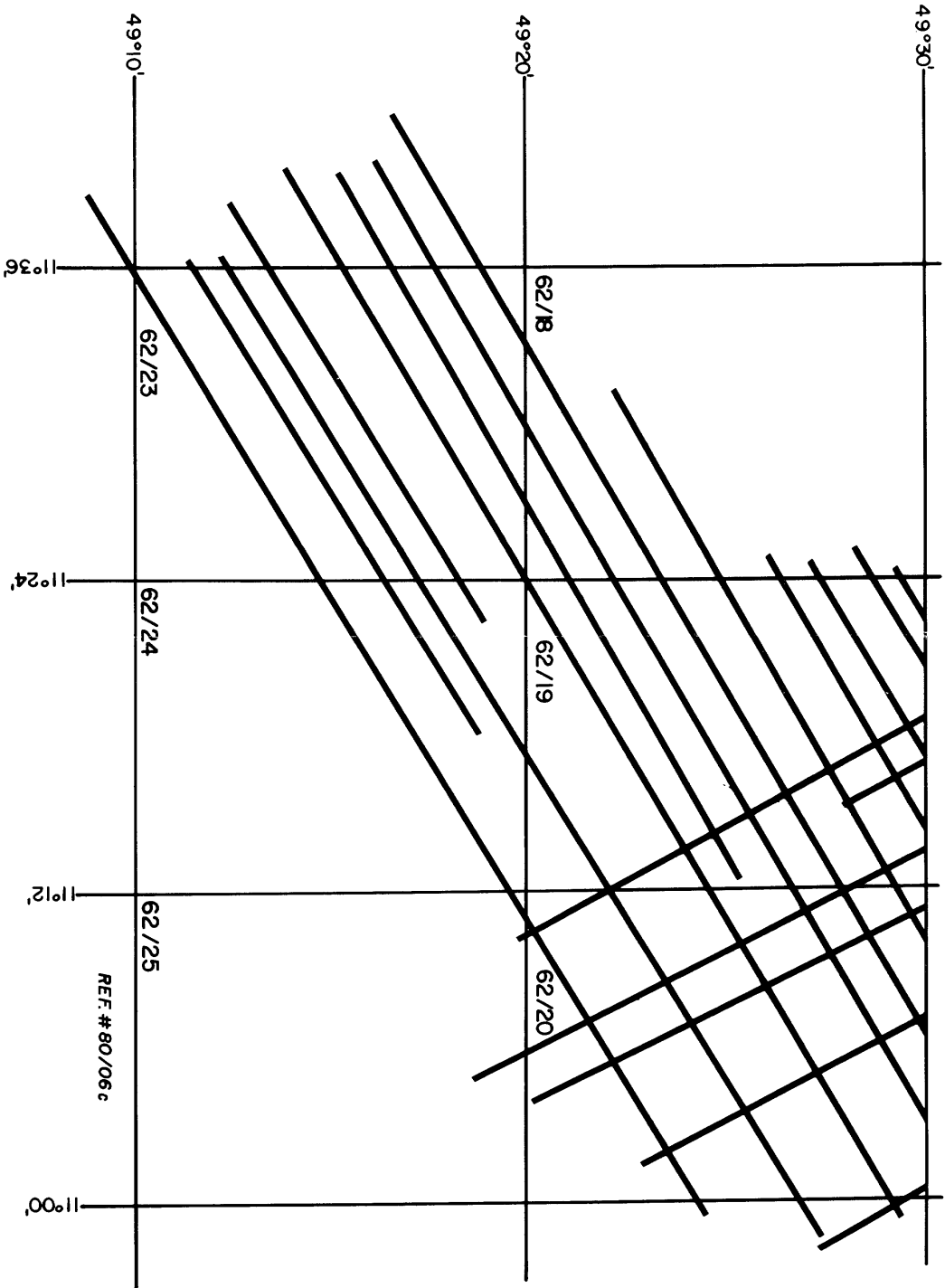






REF: #80/06b





10

49°30'

49°20'

49°10'

49°00'

62/18

62/19

62/23

62/24

62/28

62/29

11°36'

11°24'

11°12'

REF. # 80/06 d

# INTERNATIONAL GEOPHYSICAL DATA EXCHANGE

**Continent:** Europe

**Country:** Ireland

**Area:** Offshore Porcupine Bank

**Reference Number:** 80-07

**Type of Data:** Seismic

**Acquisition Date:** 1980

**Acquisition Contractor:** G.S.I.

**Energy Source:** Air Guns

**Total:** 292 km

**Recording Parameters:**

**Cable:** N/A

**Spread:** N/A

**Group Interval:** N/A

**Recording:** N/A

**Sample Rate:** N/A

**Multiplicity:** N/A

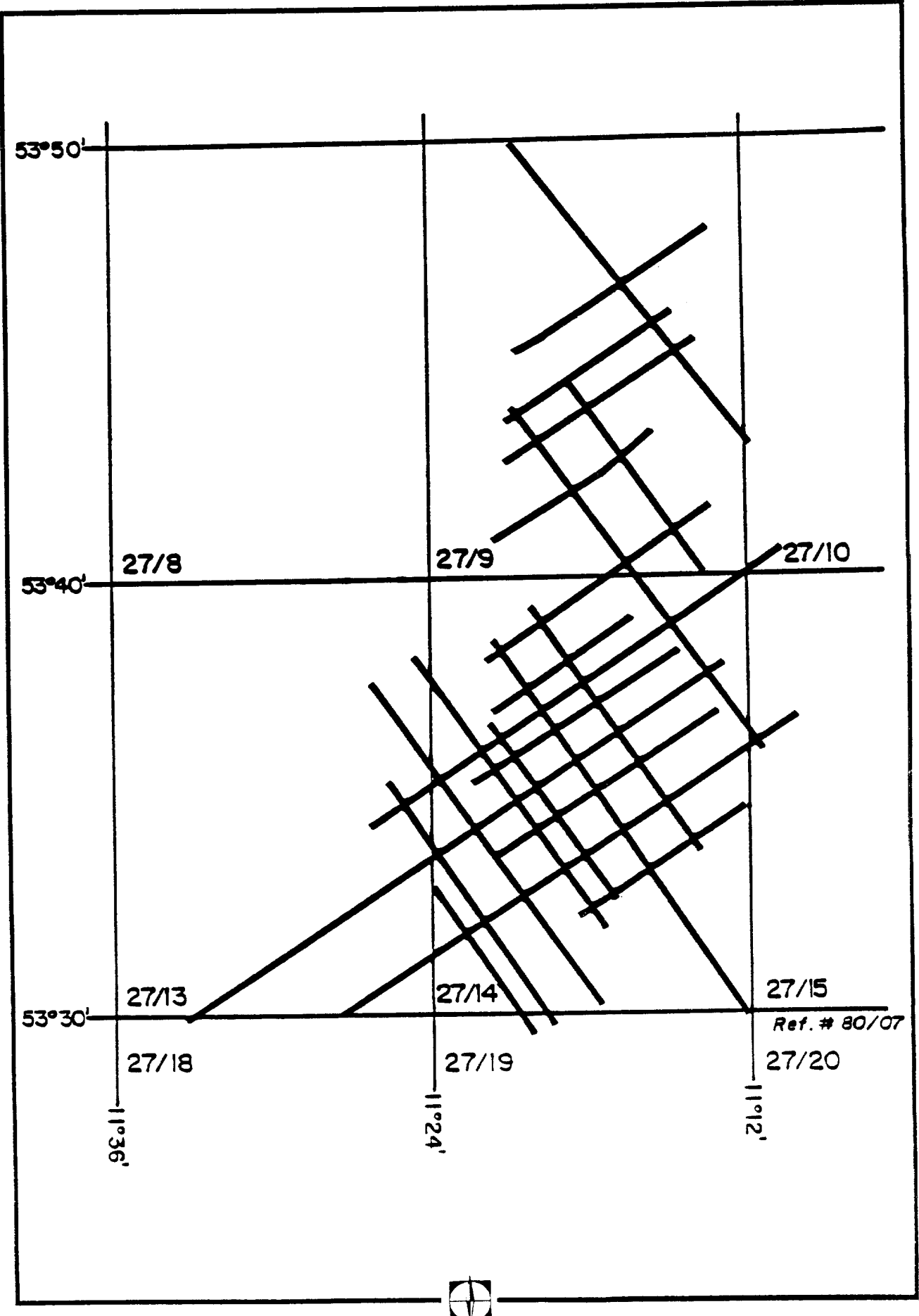
**Field Tapes Available:**

**Processing Parameters:**

N/A

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53°50'

53°40'

53°30'

11°36'

11°24'

11°12'

27/8

27/9

27/10

27/13

27/14

27/15

27/18

27/19

27/20

Ref. # 80/07

