

40°

Sunday
Monday

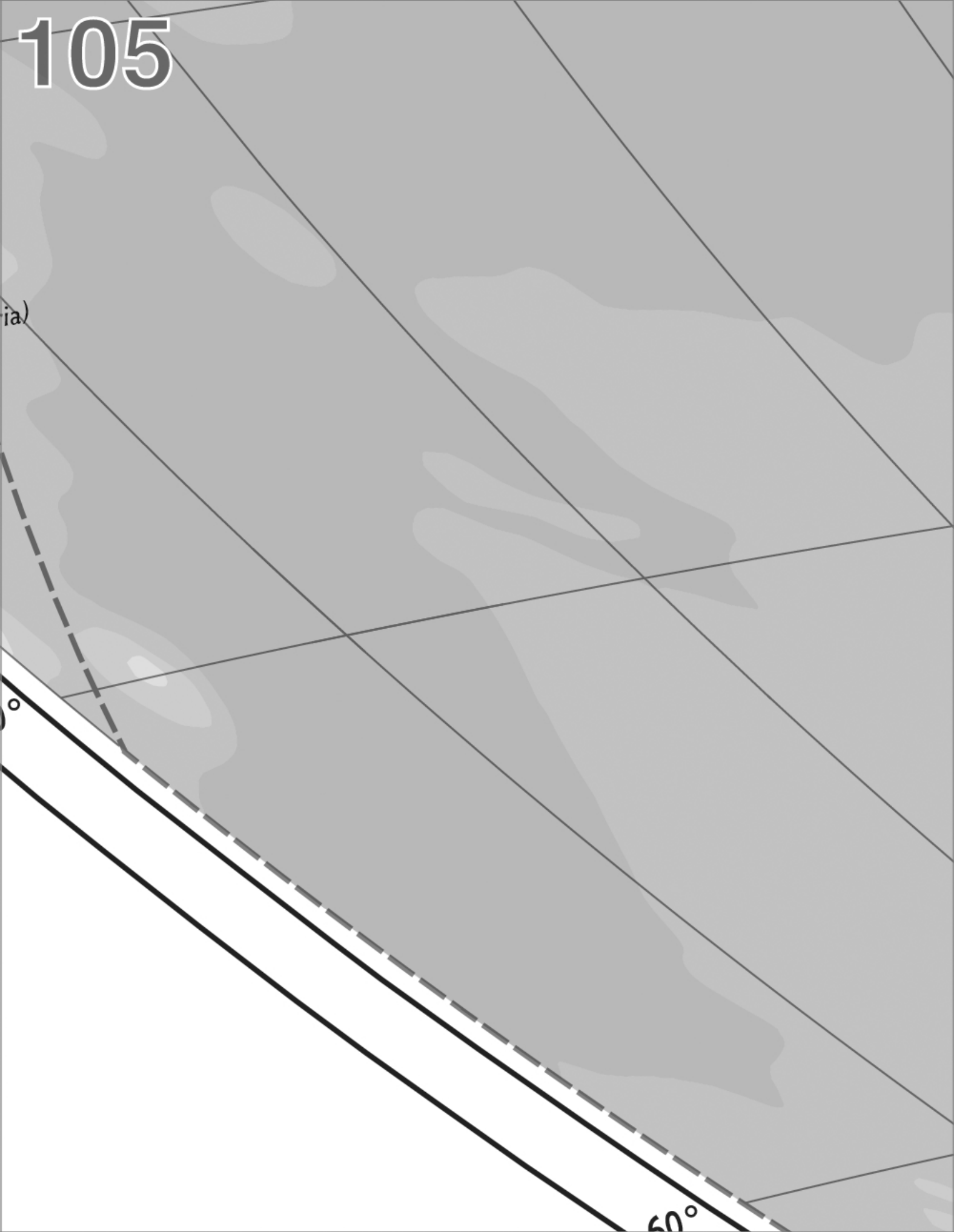
CHATHAM
RISE

929
Chatham I.
932 Pitt I. (Rangiaunui)
Chatham Is.
N.Z.

50

105

ia)



0°

60°

106



107

4371

3323

AM



4 AM



5 AM



S O U T H E A S T P







111

2539

ATLANTIC

Bouvet 3068
Norway

NOON



ATLANTIC

Jelbart Ice Stream

ström Ice Stream

112

Prince Edward Island
Marion Island
**Prince Edward
Islands**
South Africa

- INDIAN RIDGE

5373



INDIAN BASIN

Amundsen Bay
Casey Bay
Riiser-Larsen Peninsula
Lützow-Holm Bay
Prince Olav
Iceport
id Bay

END

390

113

Île aux Cochons
Îles des Pingouins

Île de la Rose
Île de l'Est 3576

CROZET ISLANDS

France

Îles
Île d
Îles d

4271



Cape Ann
ERBY LAND

Cape Borley
Cape Boothby

Kemp Coast

Mawson Coast

Bjerko Pen.

MacKenzie Bay

Glacier

Edward VIII Bay

KERGUELEN ISLANDS

France

Nuageuses

Île Kerguelen

de l'Ouest

Port-aux-Français

de Boynes

6070

1710

4181

KERGUELEN

McDonald Is.

Shag Island

Australia Heard Island 9005

PLATEAU

SOUTH

5 PM

6 PM



West Ice Shelf

Masson Island

Shackleton

Ice Shelf

Davis Sea

Leopold and

Wilhelm II Coast

Queen Mary Coast

Knox Coast

Vincennes

Budd

115

INDIAN

4111

INDIAN BASIN



Cape Pointsett
Moscow University
Ice Shelf
Toyeykov Ice Shelf
Goodenough
Morse

116

R

I

D

3568

G

M

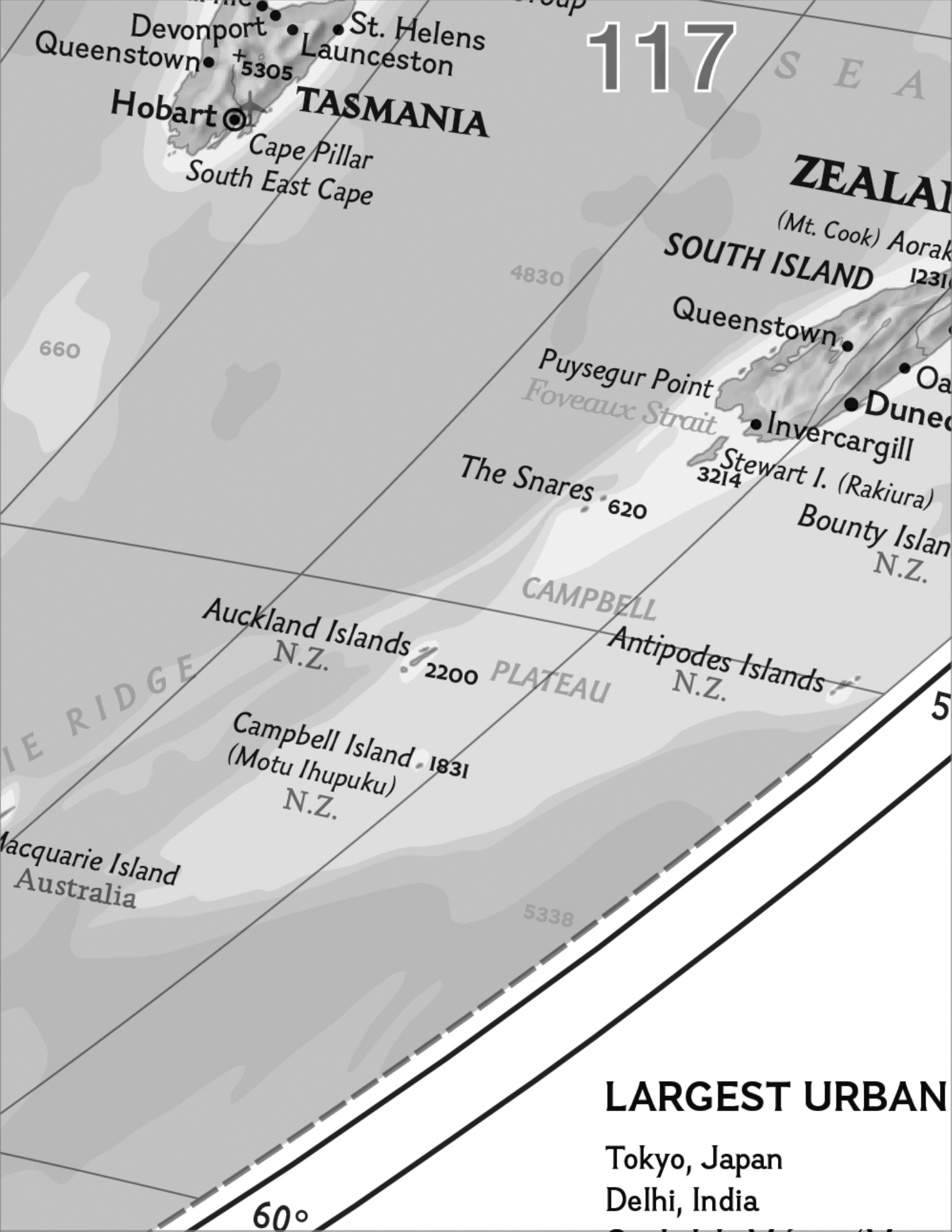
MACQUAR

10 PM



11 PM





117

TASMANIA

ZEALANDIA

SOUTH ISLAND

4830

660

The Snares 620

3214

CAMPBELL

PLATEAU

Auckland Islands
N.Z.

Antipodes Islands
N.Z.

Campbell Island 1831
(Motu Ihupuku)
N.Z.

Macquarie Island
Australia

5338

LARGEST URBAN

- Tokyo, Japan
- Delhi, India

60°



AREAS, 2011

37,000,000
 23,000,000

LARGEST URBAN AREAS

Tokyo, Japan
 Delhi, India

URBAN AREAS, projected 2025

39,000,000

33,000,000

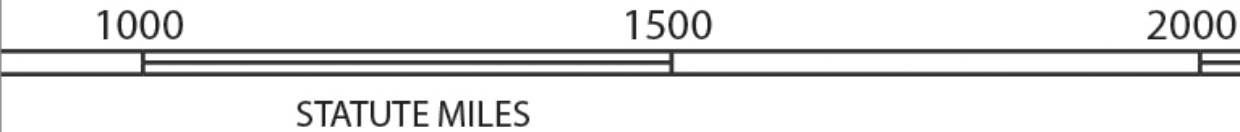
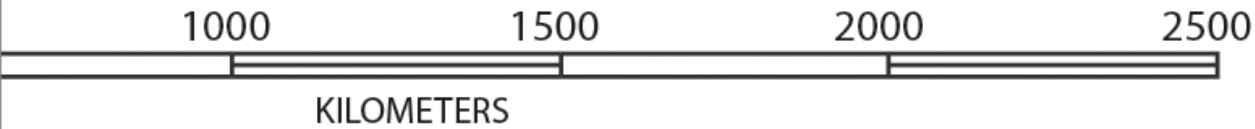
22,000,000

WIN



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WINKEL TRIPEL PROJECTION, CENTRAL MERIDIAN 0°

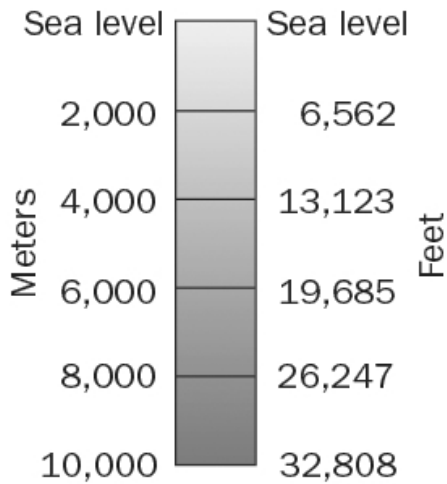


Dry salt lake



Glacier

Depths (soundings) in meters



National Geographic Society, Washington, D.C.

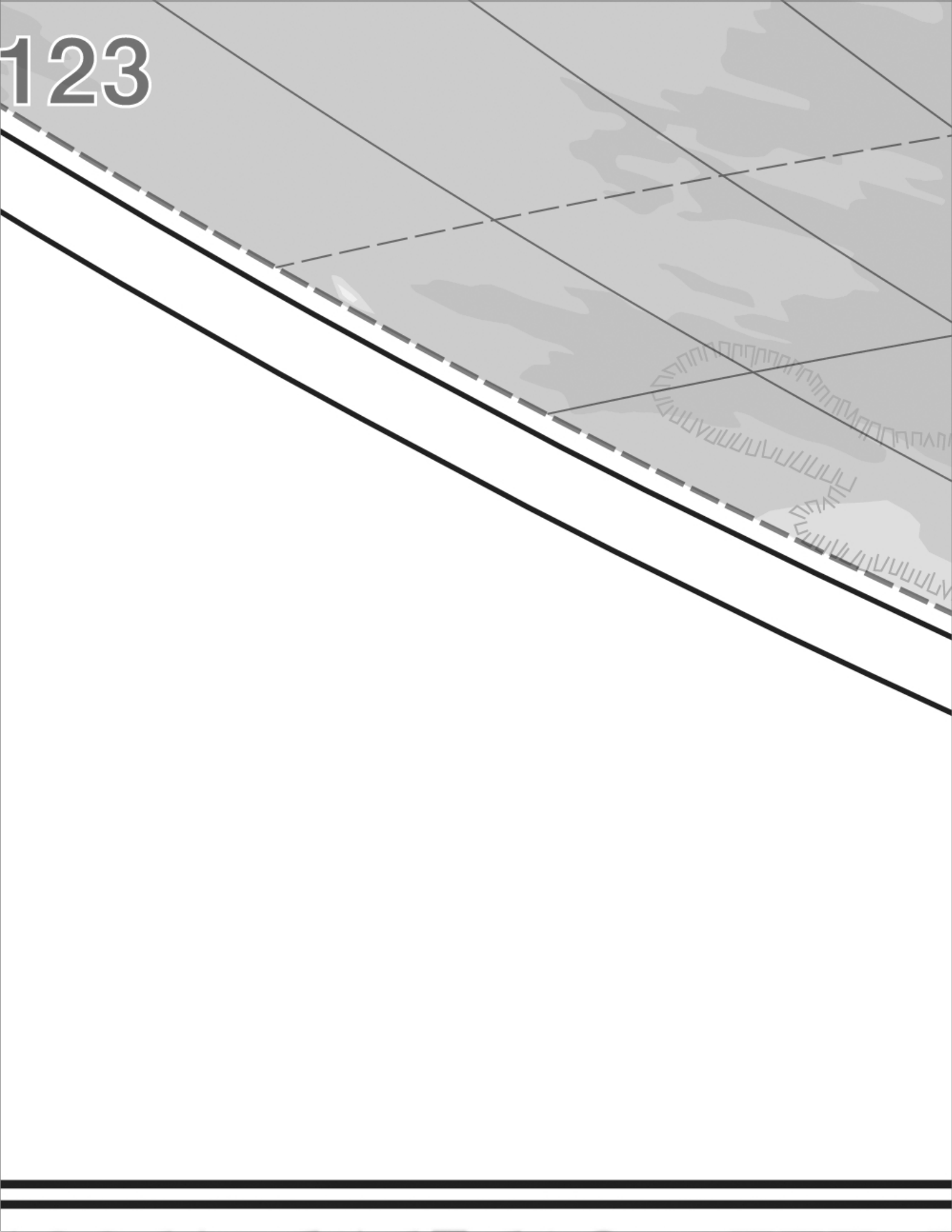
122

80

2500

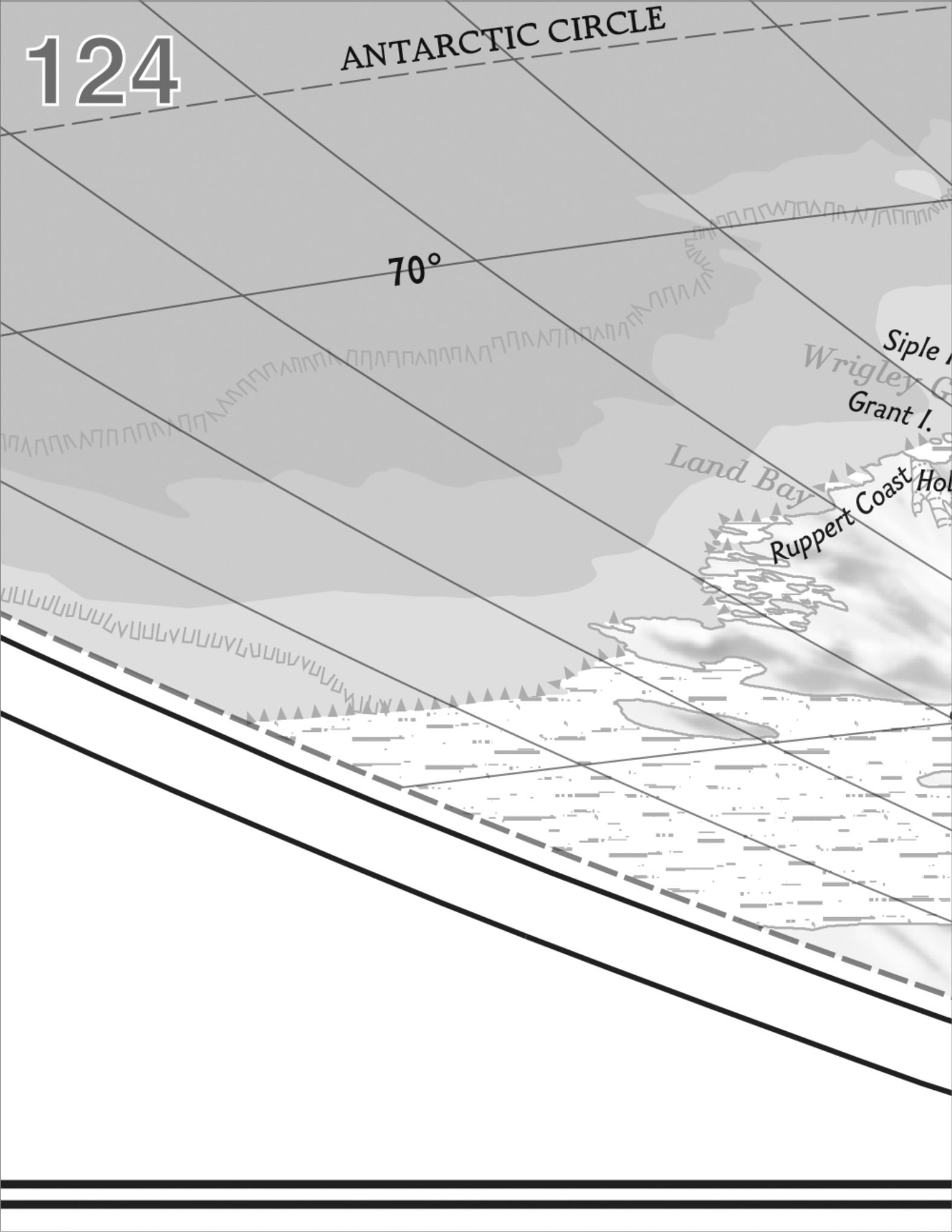


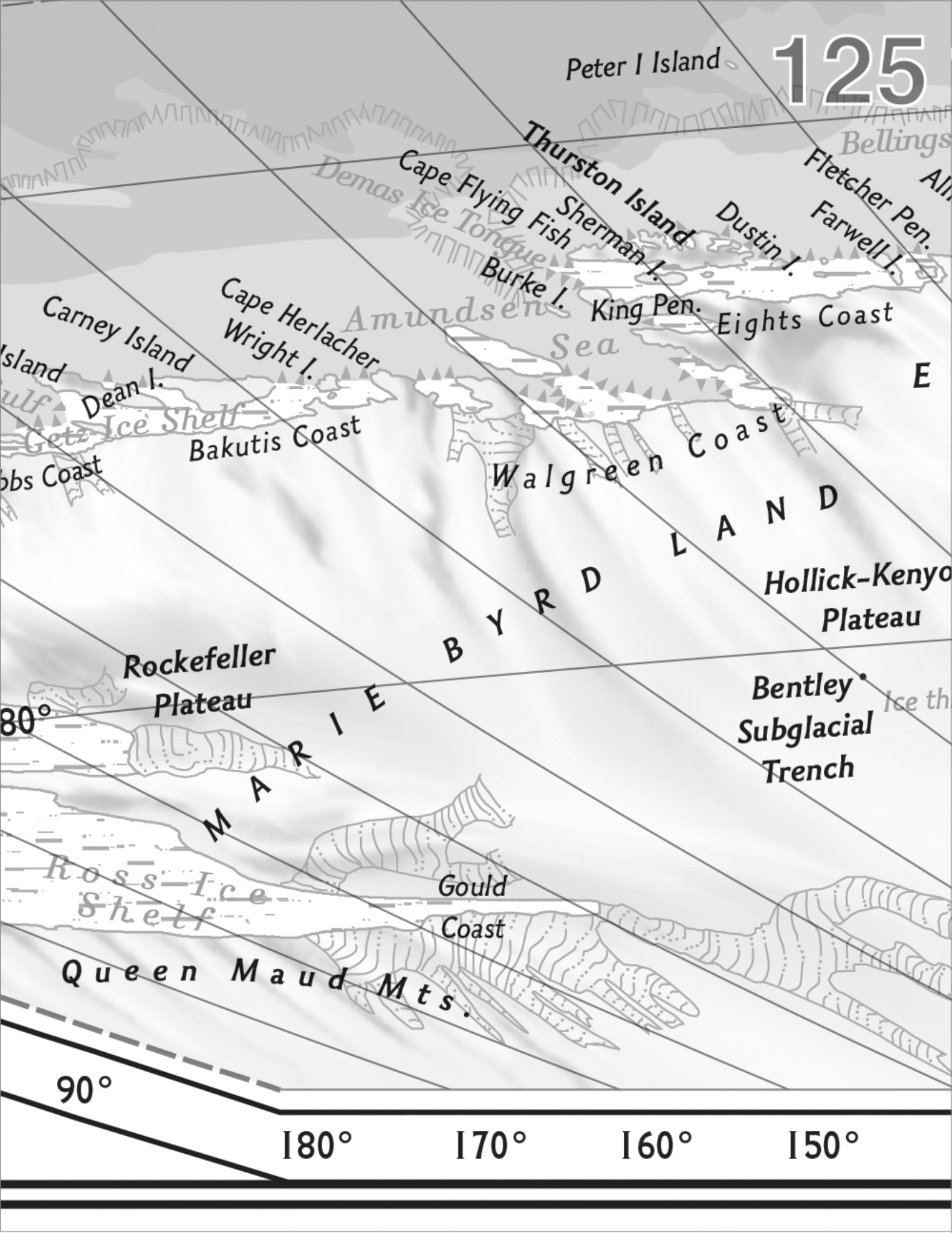
123



ANTARCTIC CIRCLE

70°





Peter I Island

Bellings

Thurston Island

Fletcher Pen.
Farwell I.

Cape Flying Fish

Sherman I.

Dustin I.

Demas Ice Tongue

Burke I.

King Pen.

Eights Coast

Amundsen Sea

Carney Island
Dean I.

Cape Herlacher
Wright I.

Island
Getz Ice Shelf
Bobs Coast

Bakutis Coast

Walgreen Coast

MARIE BYRD LAND

Hollick-Kenyo Plateau

Rockefeller Plateau

Bentley Subglacial Trench

80°

MARIE BYRD LAND

Ross Ice Shelf

Gould Coast

Queen Maud Mts.

90°

180°

170°

160°

150°



126

A

140° 130° 120° 110° 100° 90°

DDELL

127

SEA

Rüser-L
Ice Shee

Lyddan I.

Brunt Ice Shelf

Caird Coast

of Ice Shelf

Gould
Bay

COATS LAND

ice Shelf

Berkner
Island

Filchner Ice Shelf

Support Force
Glacier

N

T

A

Foundation
Ice Stream

80°

70°

60°

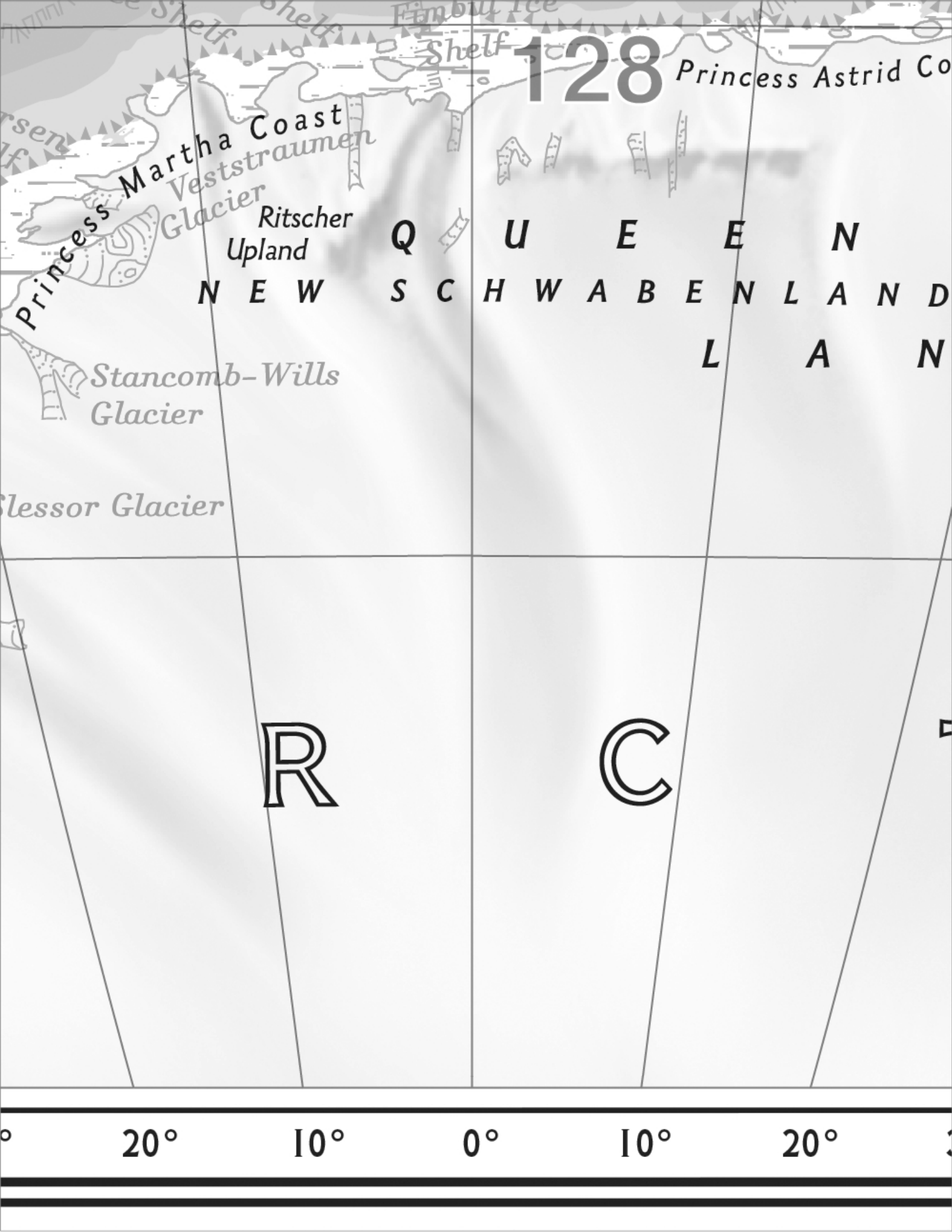
50°

40°

30°

128

Princess Astrid Co



Princess Martha Coast
Veststraumen
Glacier
Ritscher
Upland

Stancomb-Wills
Glacier

Glessor Glacier

Q U E E N
N E W S C H W A B E N L A N D
L A N

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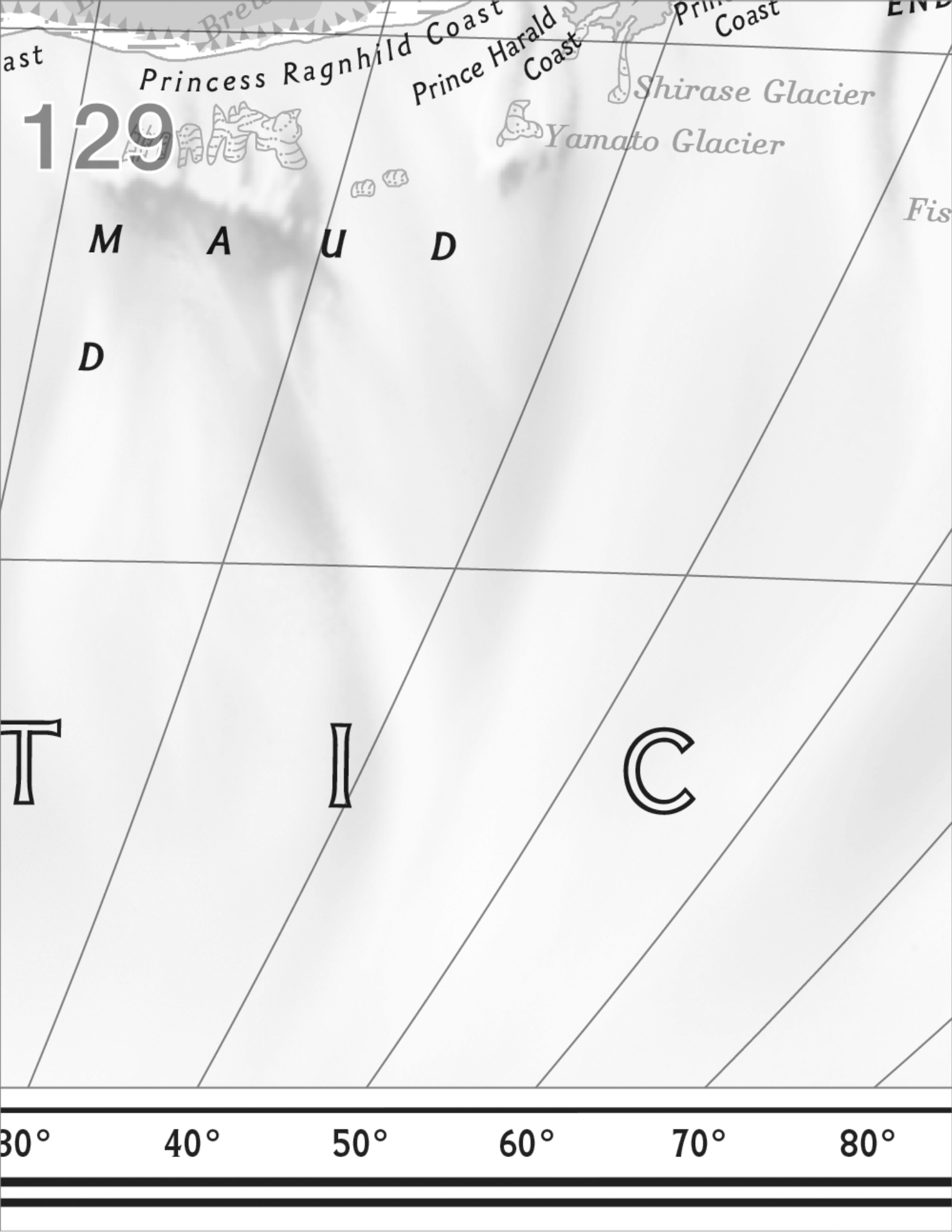
20°

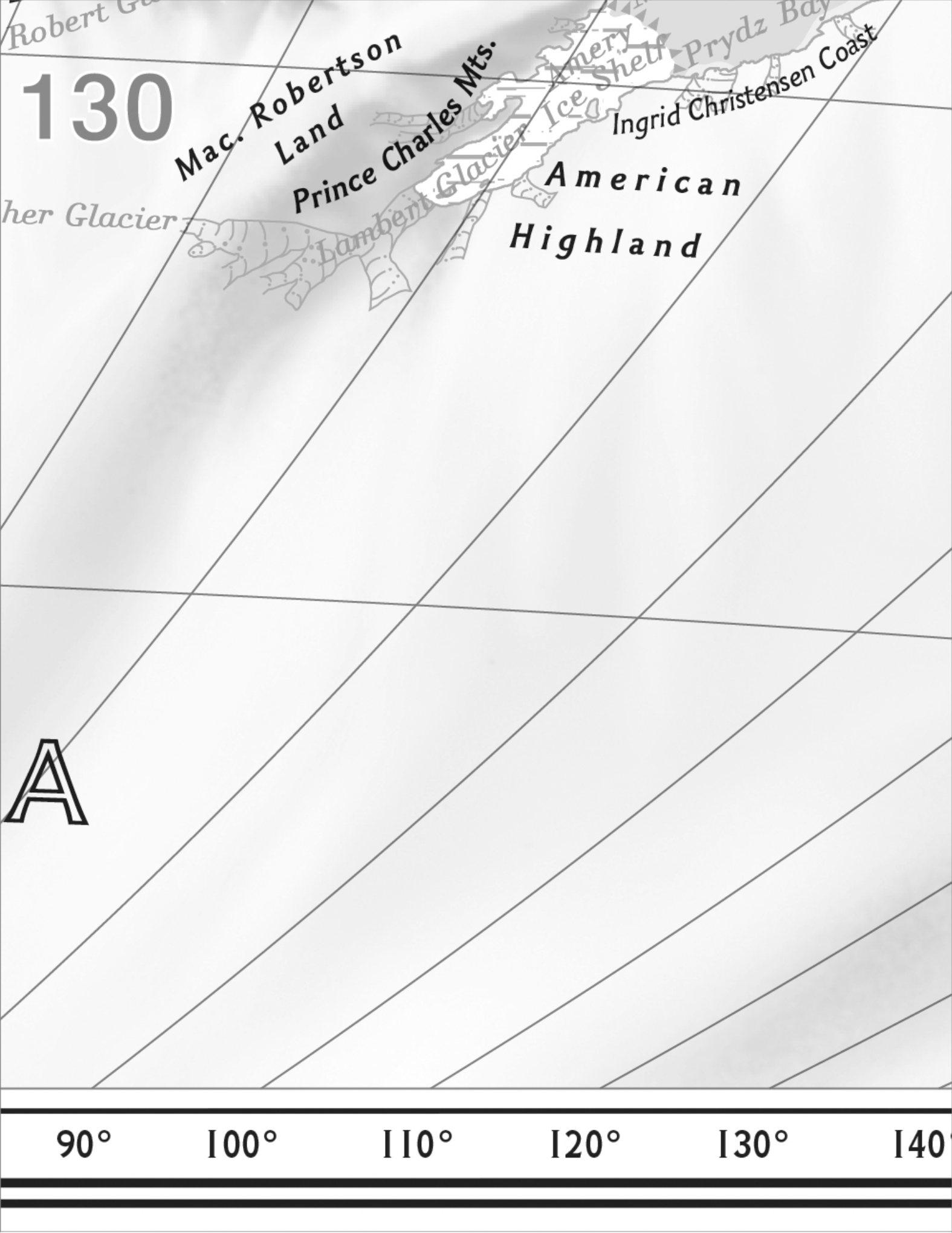
10°

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20°





130

Mac. Robertson
Land

Prince Charles Mts.

American
Highland

Ingrid Christensen Coast

Prydz Bay

Ice Shelf

Lambert Glacier

her Glacier

A

90°

100°

110°

120°

130°

140°

Astrid Coast

131

Philippi Glacier

W I L K E S L A

Scott Glacier

Coast

80°

Nimrod Glacier

Marsh Glacier

Lennox-King Glacier

Beardmore Glacier

90°

150°

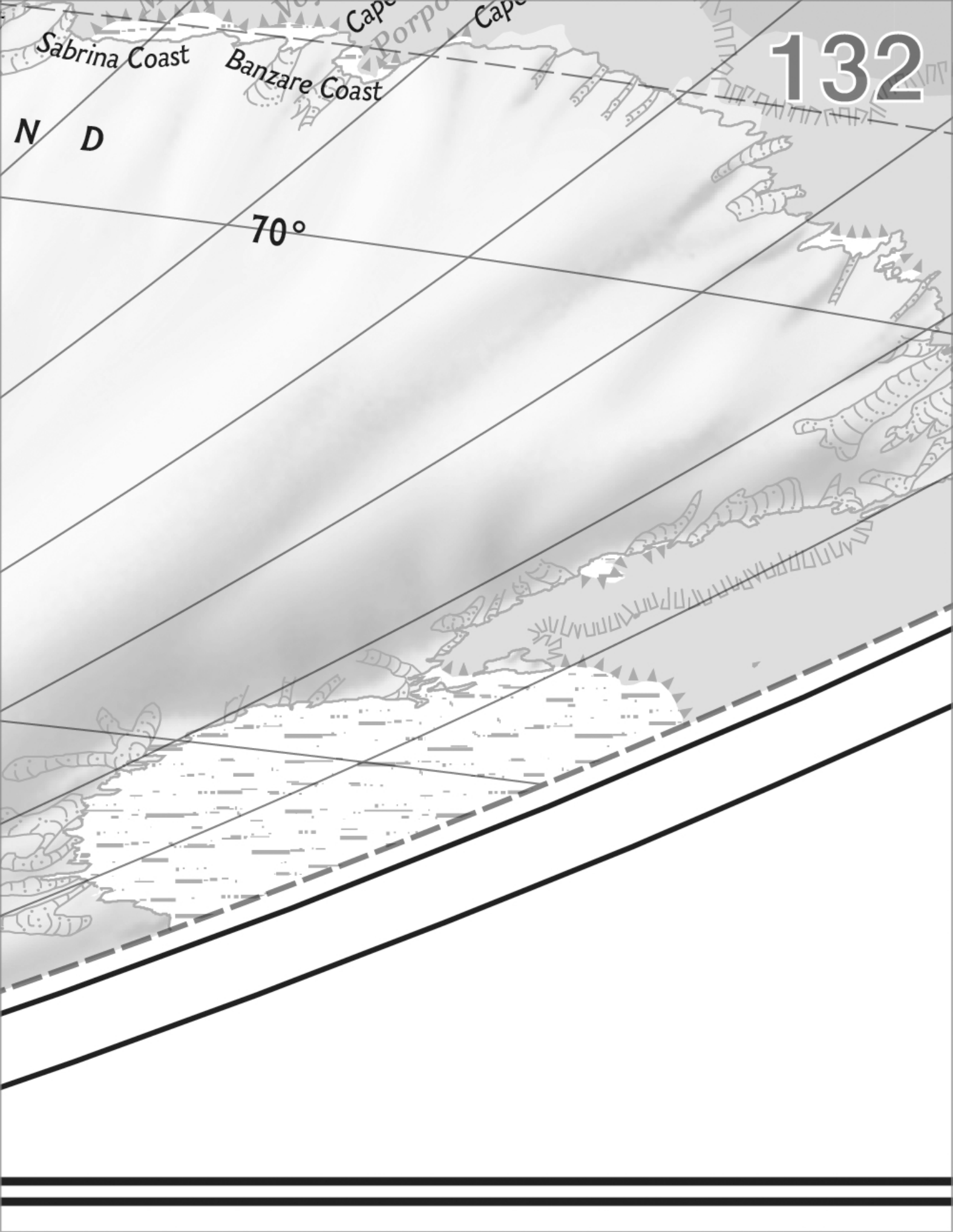
160°

170°

180°

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Sabrina Coast

Banzare Coast

Cape

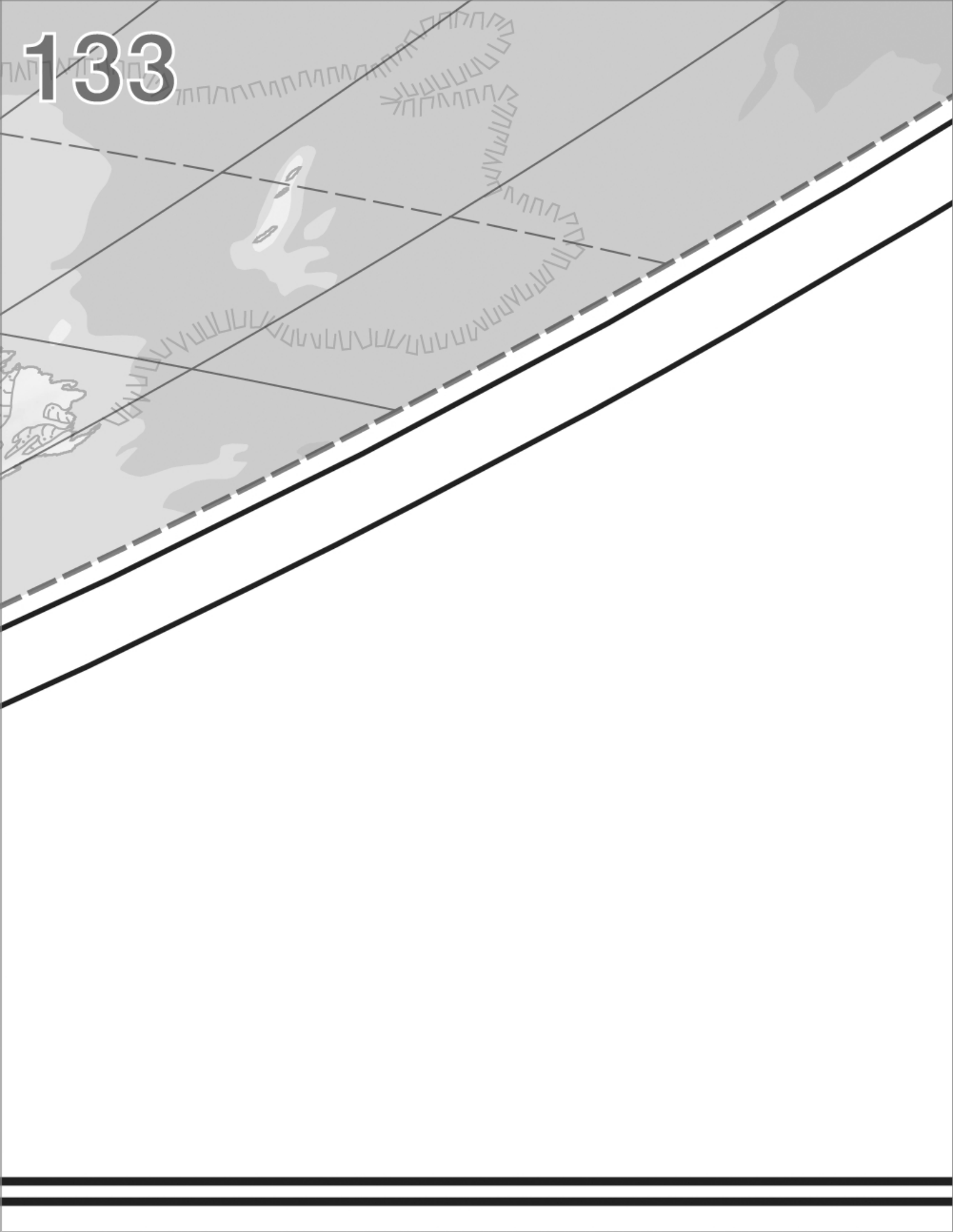
Cape

132

N D

70°

133



Ciudad de Mexico (Mexico)
New York-Newark, U.S.
Shanghai, China
São Paulo, Brazil
Mumbai (Bombay), India
Beijing, China
Dhaka, Bangladesh
Kolkata (Calcutta), India
Karachi, Pakistan
Buenos Aires, Argentina
Los Angeles-Long Beach-
Rio de Janeiro, Brazil
Manila, Philippines
Moskva (Moscow), Russia
Osaka-Kobe, Japan
Istanbul, Turkey
Lagos, Nigeria
Al-Qahirah (Cairo), Egypt

Data is from the most recent year
and is published by the United Nations
Economic and Social Affairs, Popu

City), Mexico

135

Santa Ana, U.S.

r available, 2011,
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Shanghai, China
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 Beijing, China
 Karachi, Pakistan
 Lagos, Nigeria
 Kolkata (Calcutta), I
 Manila, Philippines
 Los Angeles-Long B
 Shenzhen, China
 Buenos Aires, Arger
 Guangzhou, Guangd
 Istanbul, Turkey
 Al-Qahirah (Cairo),
 Kinshasa, Democrati
 Chongqing, China
 Rio de Janeiro, Braz
 Bangalore, India
 Jakarta, Indonesia
 Chennai (Madras), I
 Wuhan, China
 Moskva (Moscow), R
 Paris, France

United Nations Departme
Population Division is from

136
ndia
(Mexico City), Mexico
U.S.

28,000,000
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Egypt

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Russia