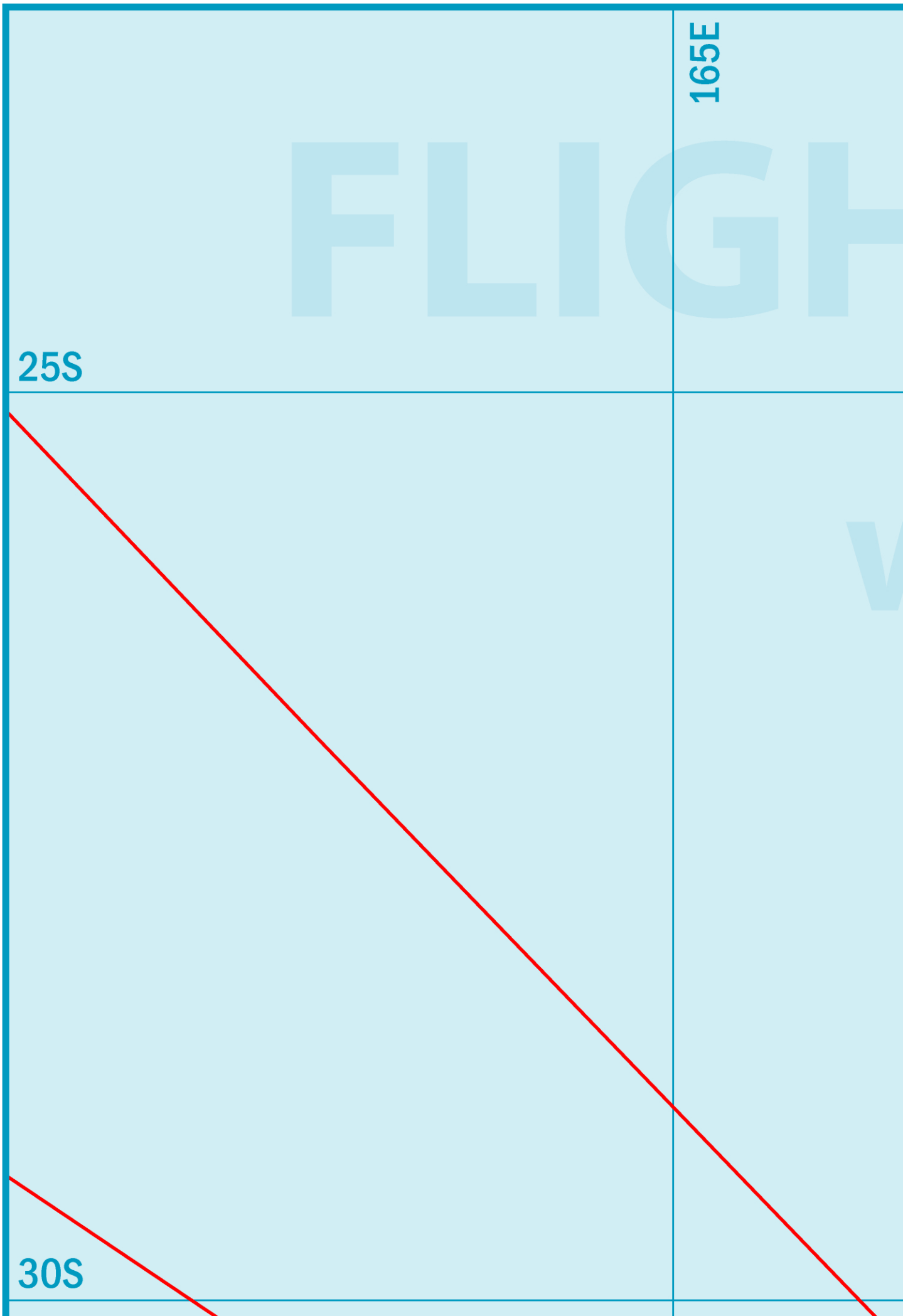
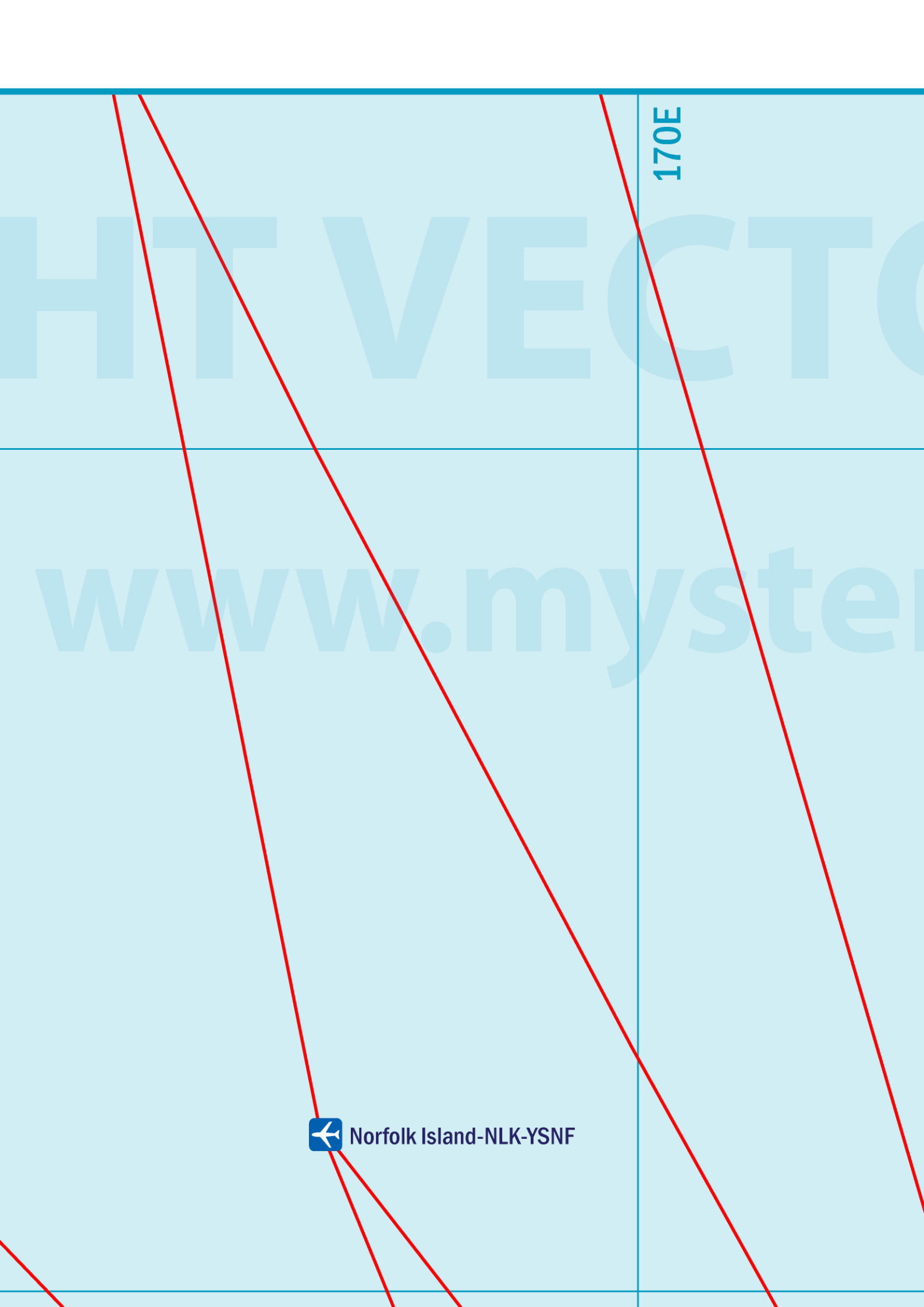
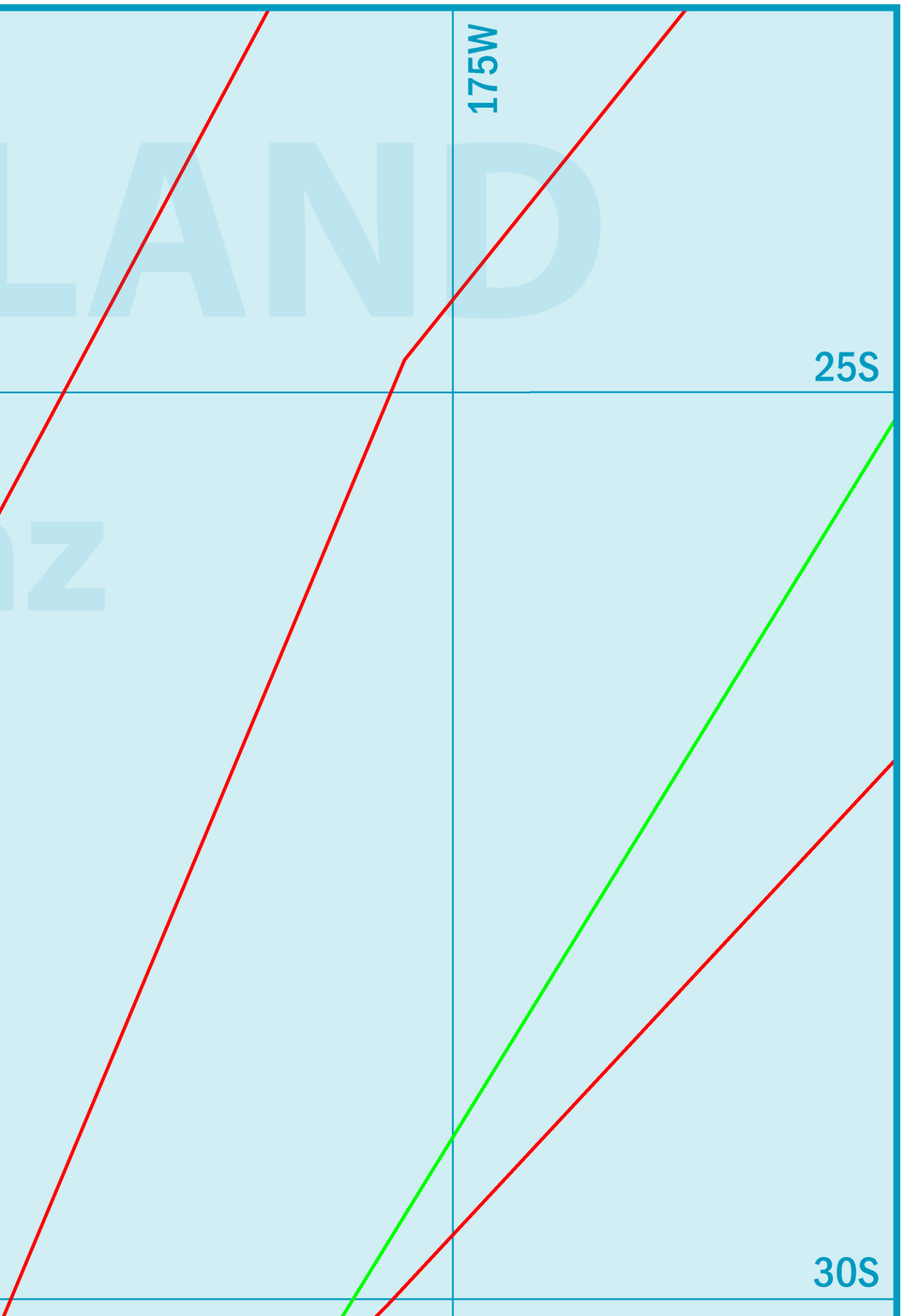
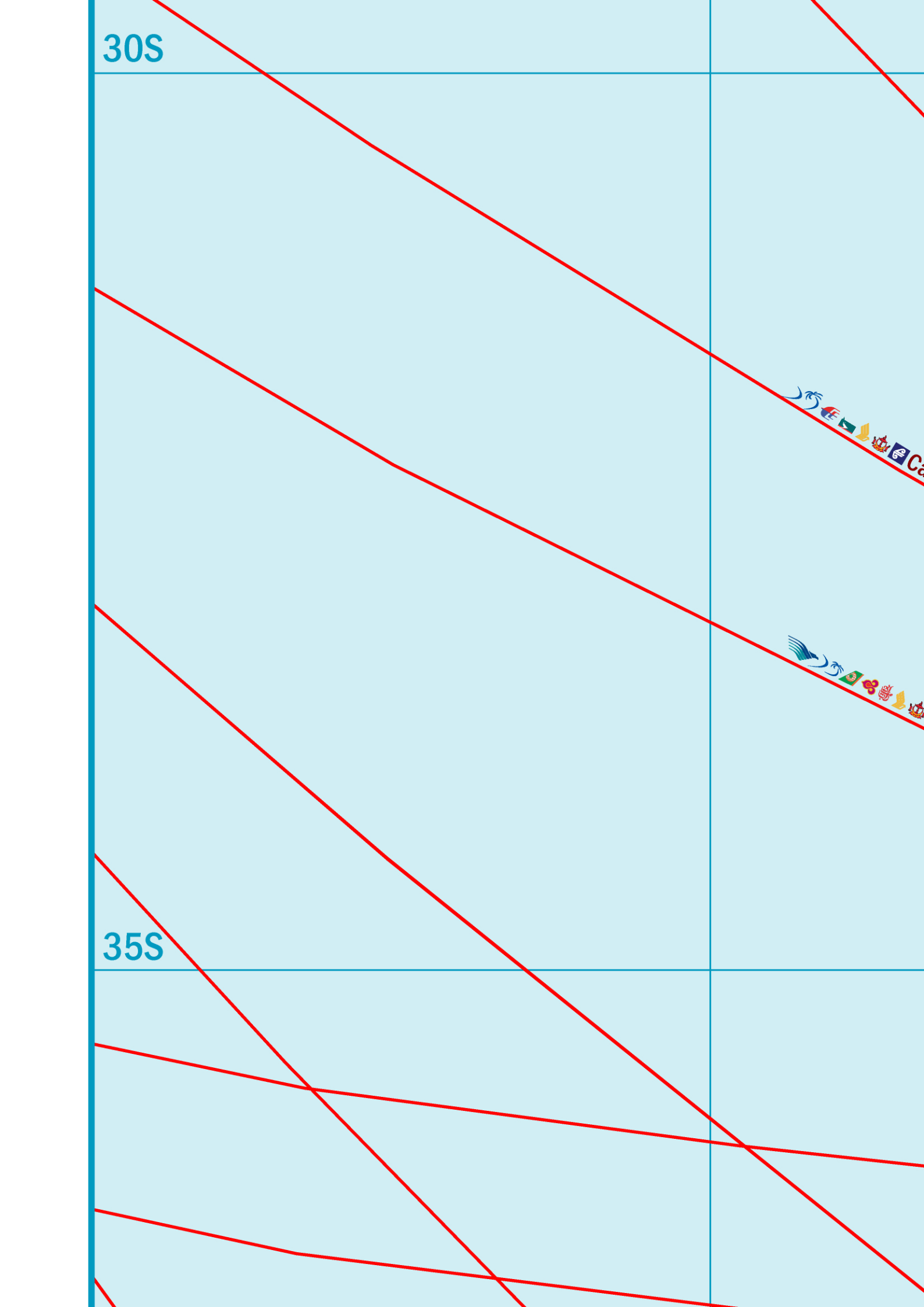

165E
25S
30S

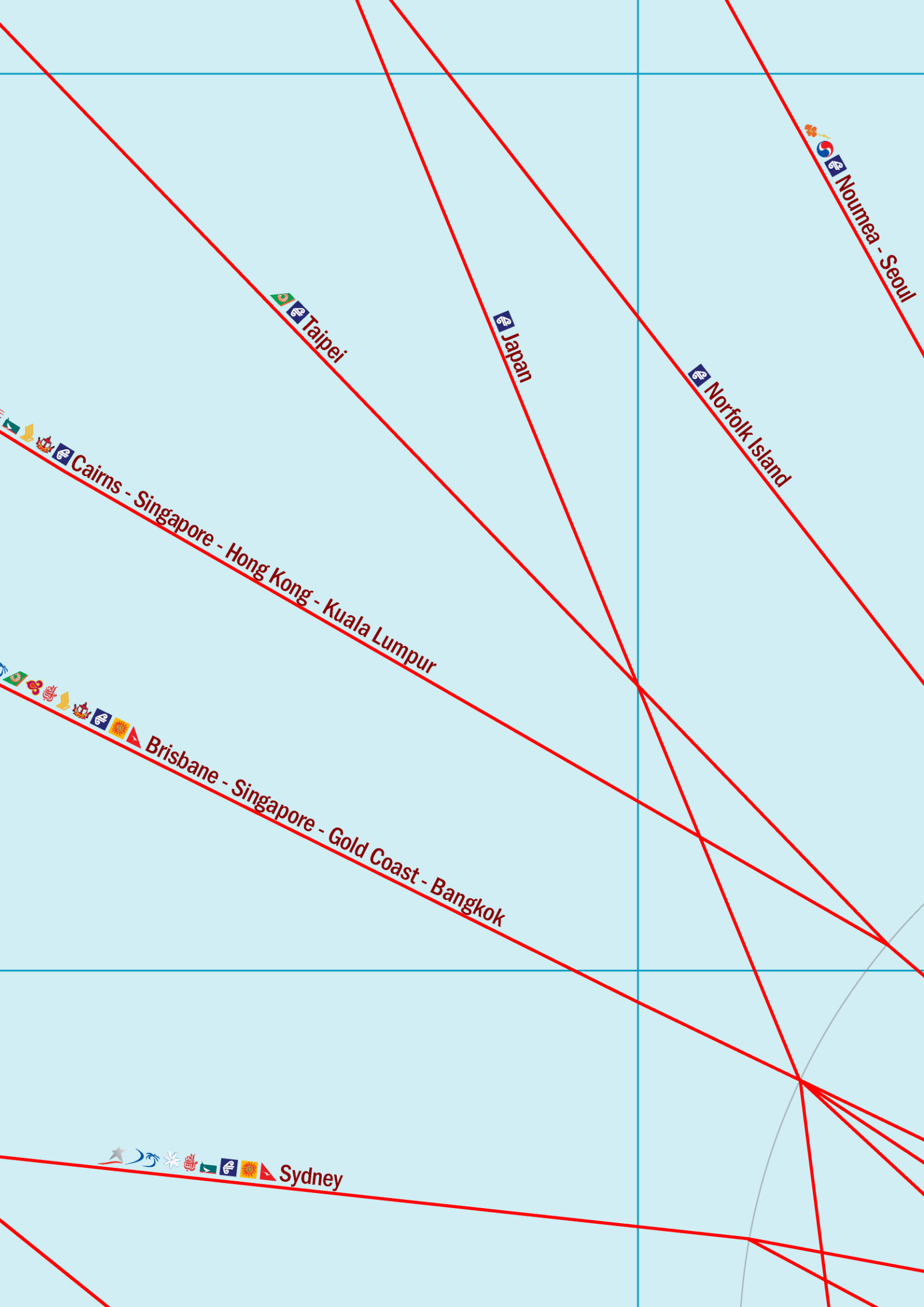

170E
Norfolk Island-NLK-YSNF

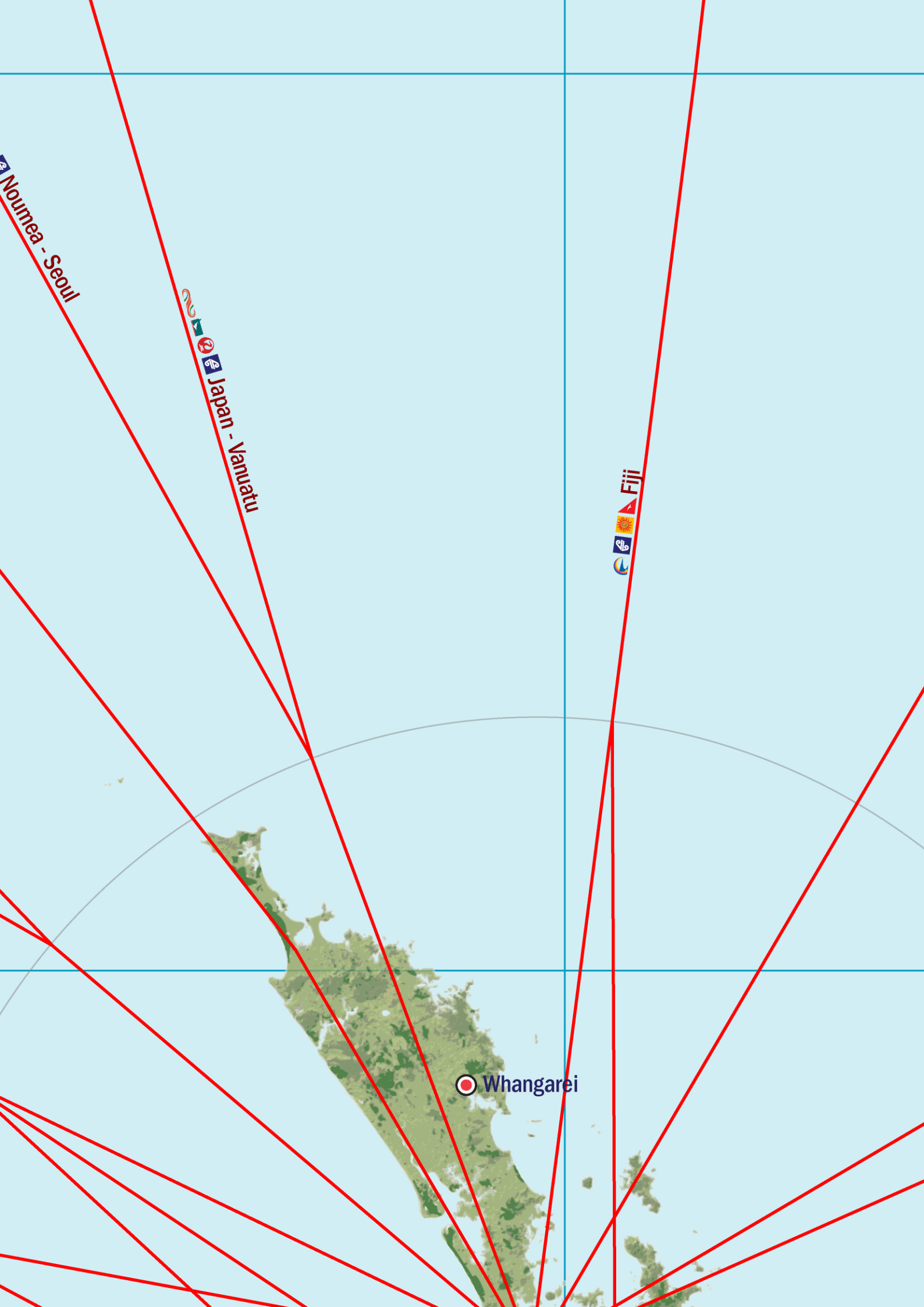


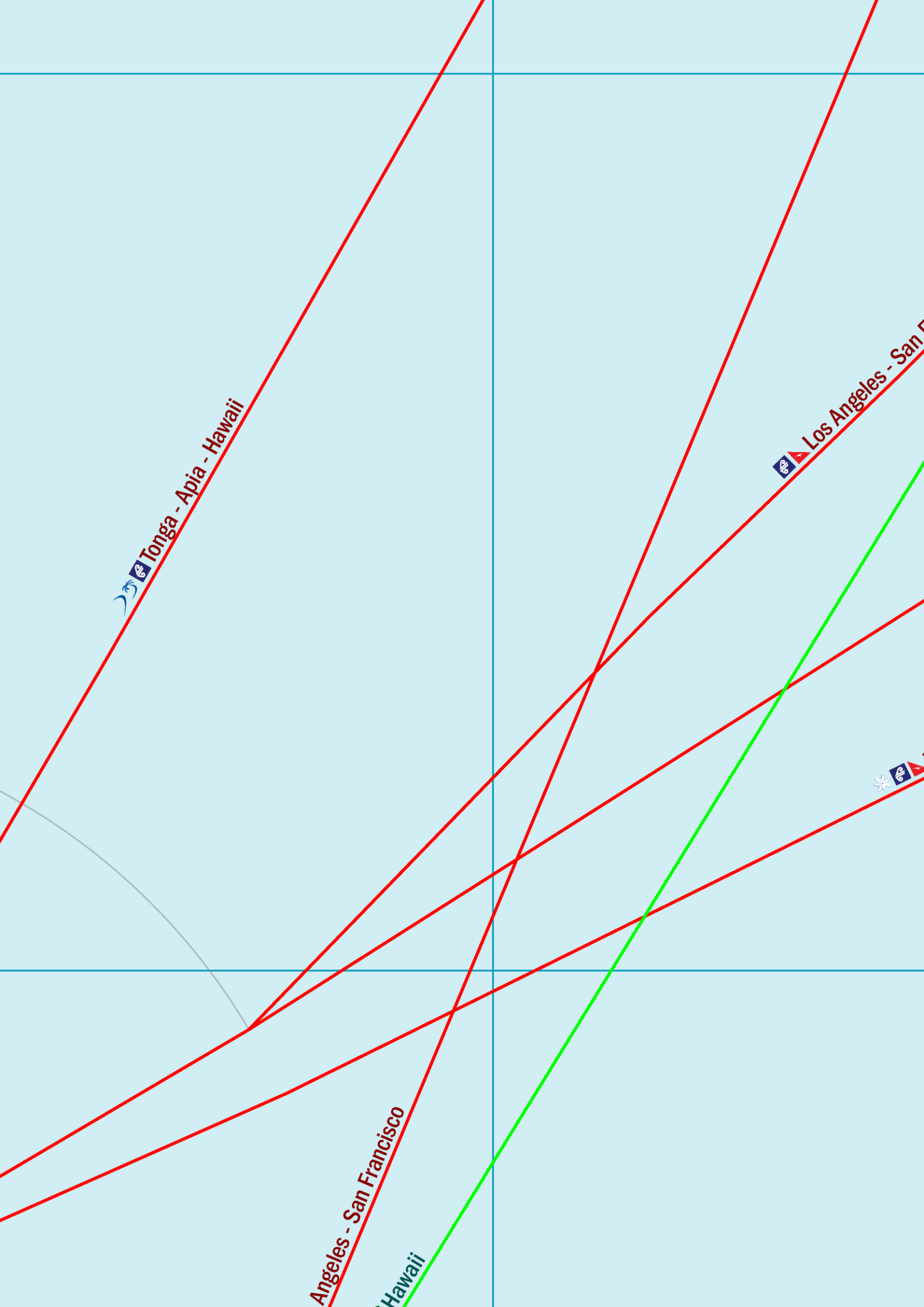

EW ZEAL
ealand®.co.nz

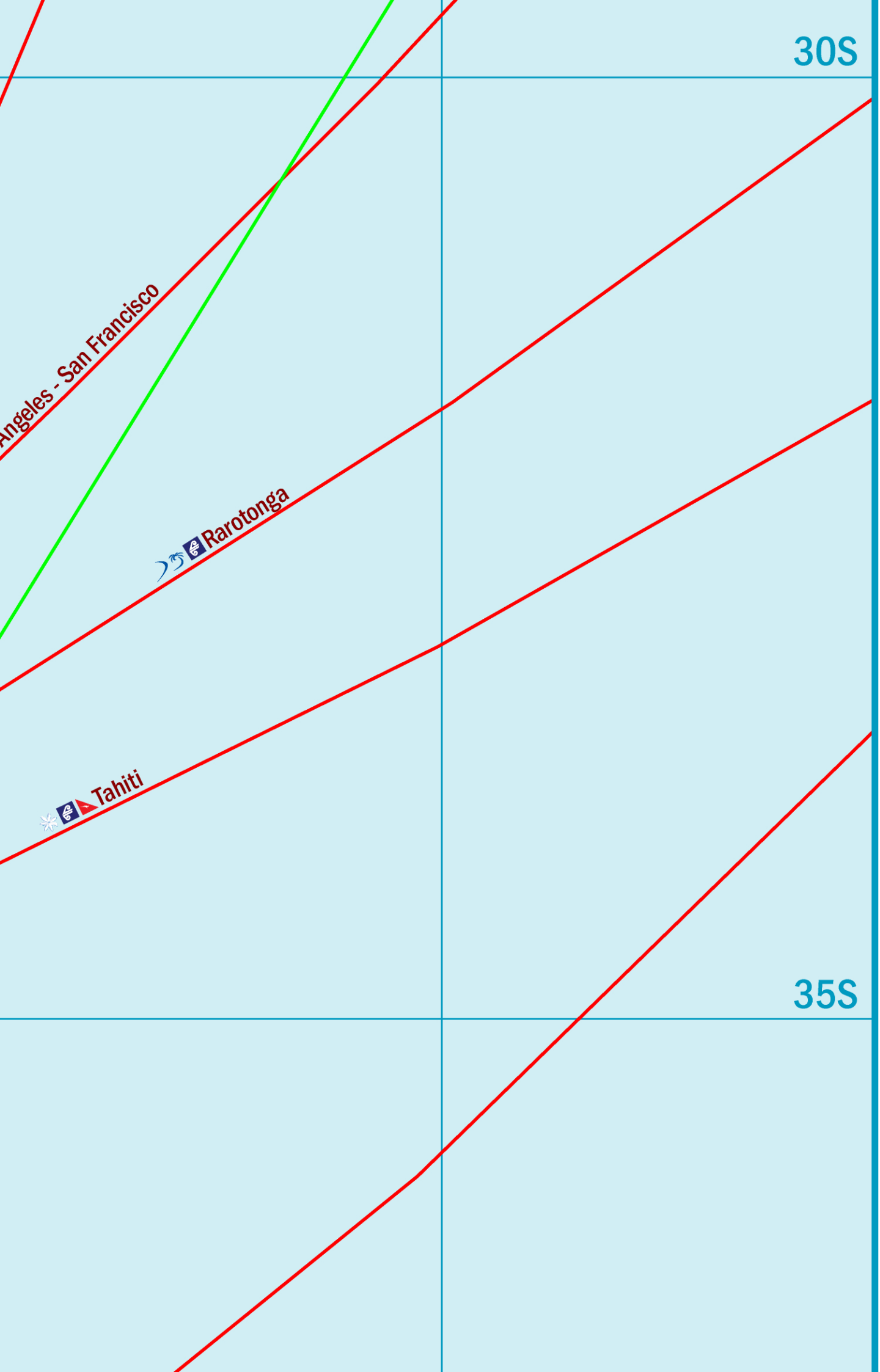

175W
25S
30S

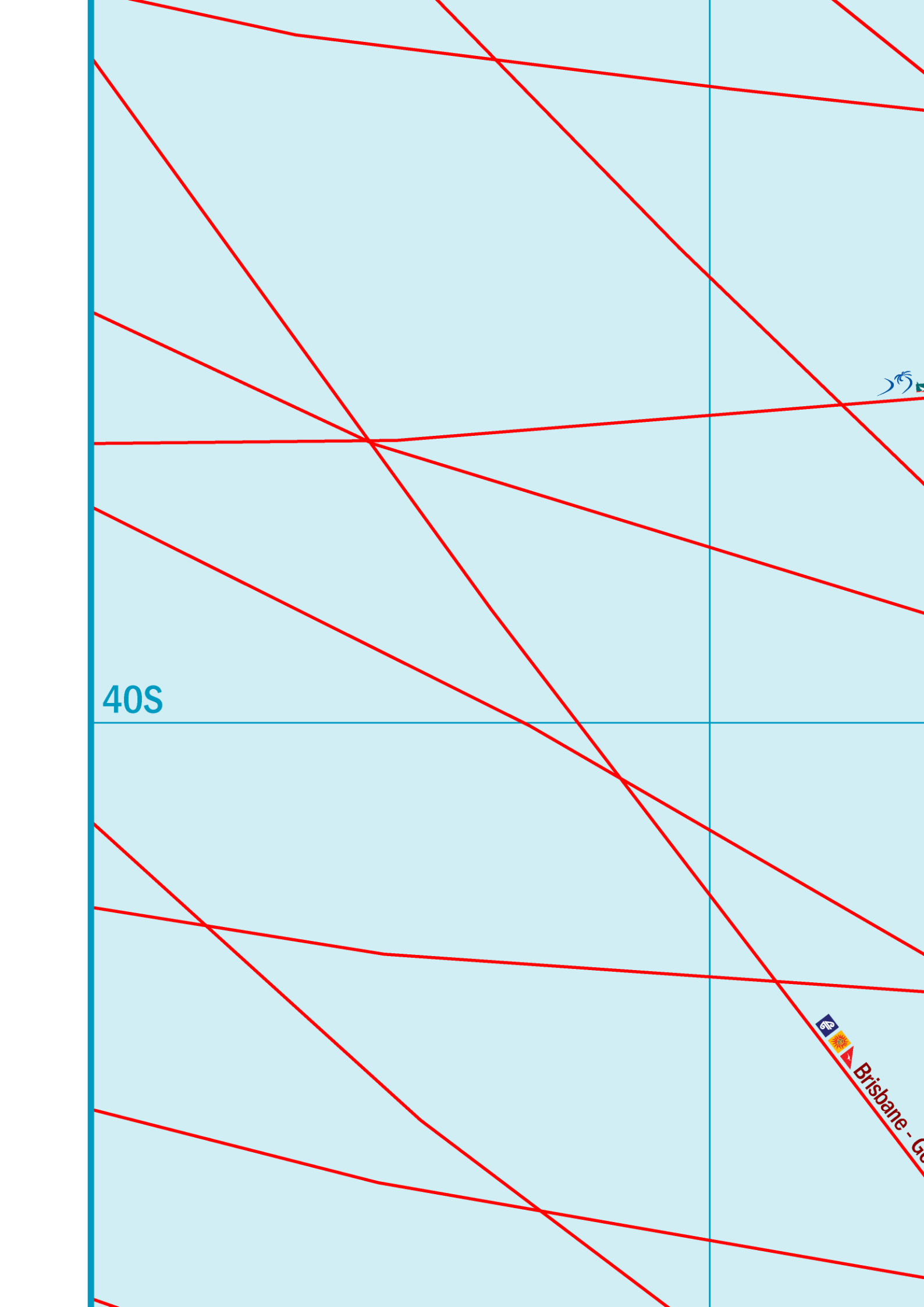

30S
35S

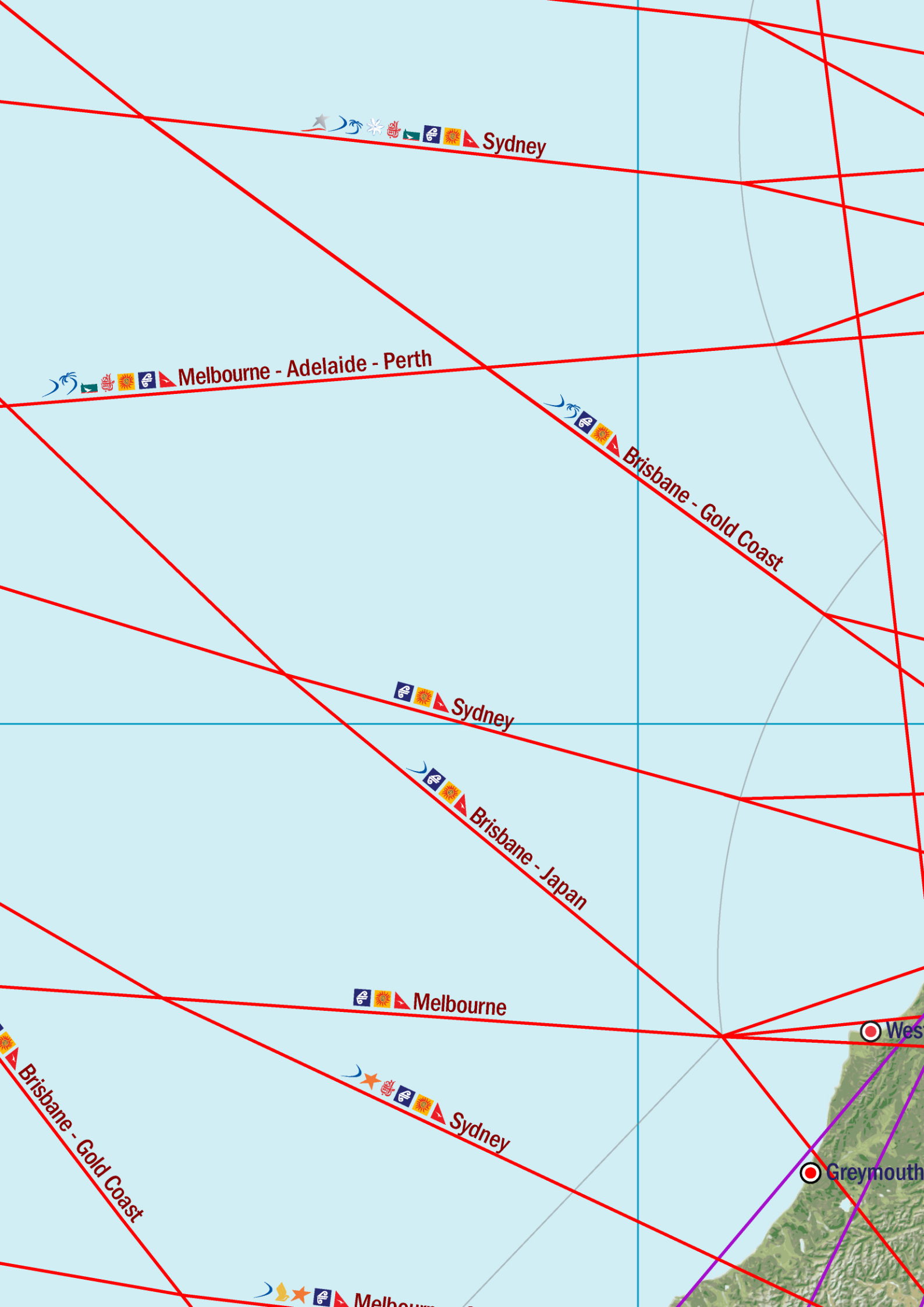

Taipei
Japan
Norfolk Island
Noumea - Seoul
Cairns - Singapore - Hong Kong - Kuala Lumpur
Brisbane - Singapore - Gold Coast - Bangkok
Sydney

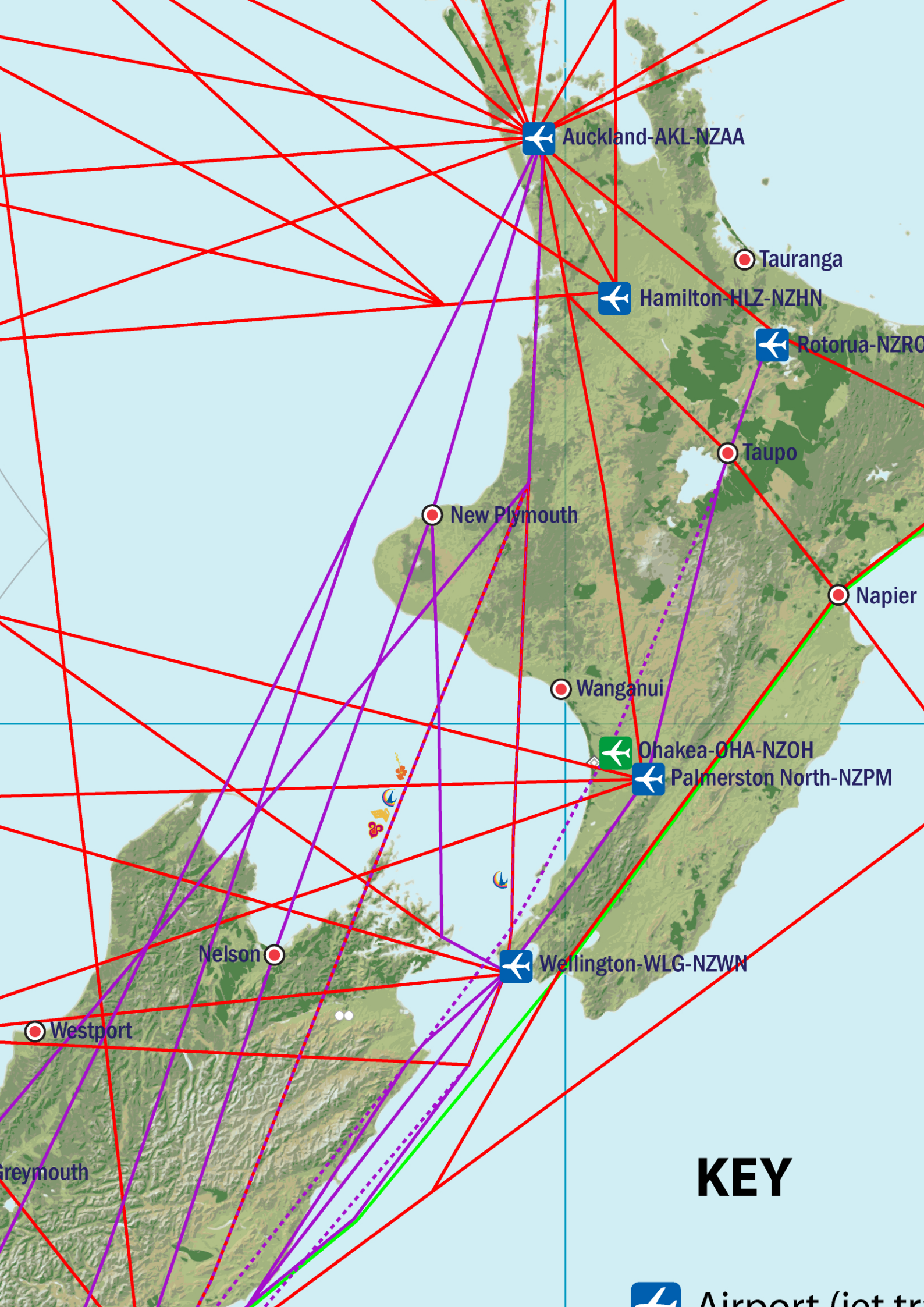

Noumea - Seoul
Japan - Vanuatu
Fiji
Whangarei

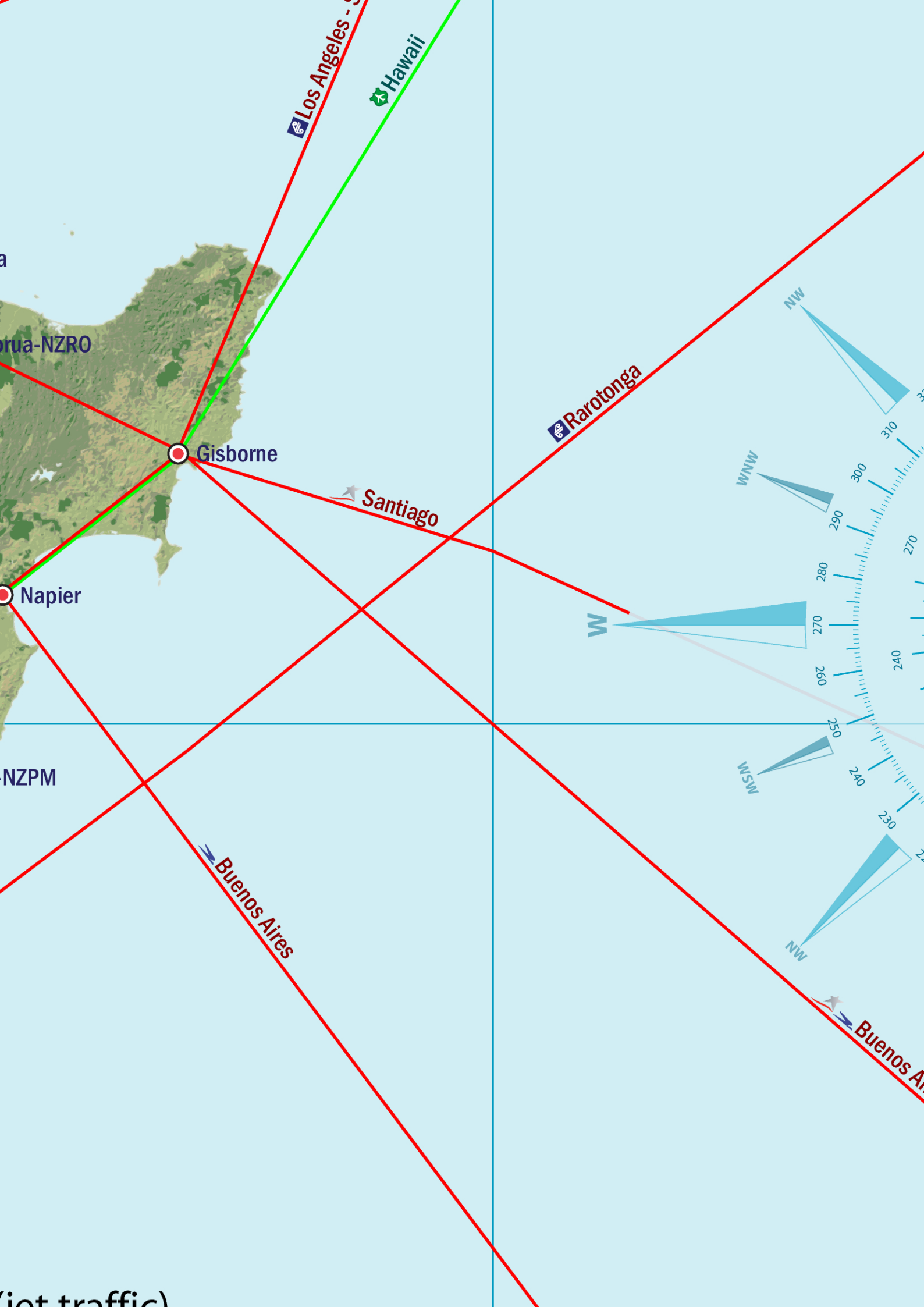

Tonga - Apia - Hawaii
Los Angeles - San
Angeles - San Francisco
Hawaii

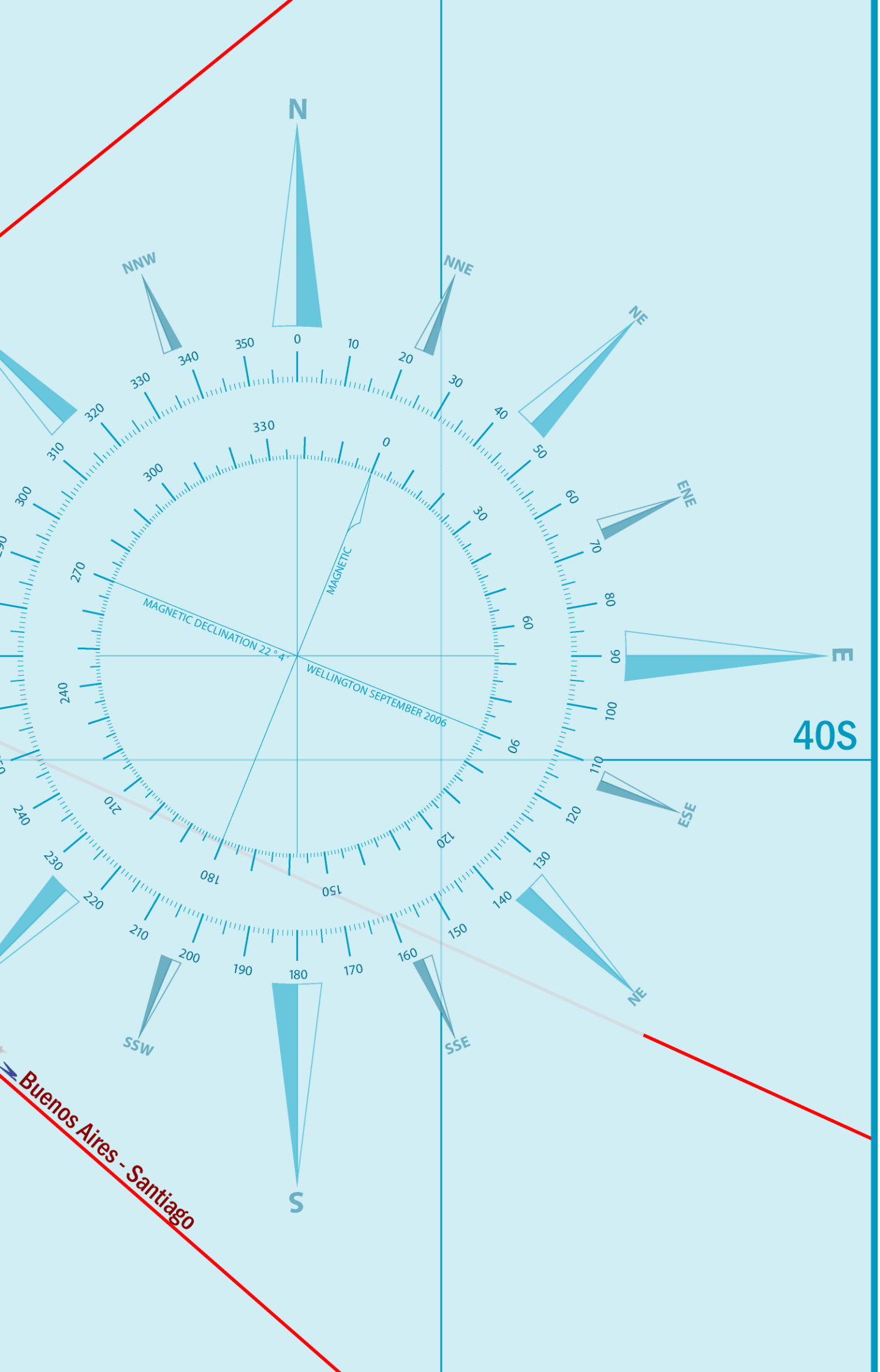

30S
Angeles - San Francisco
Rarotonga
Tahiti
35S

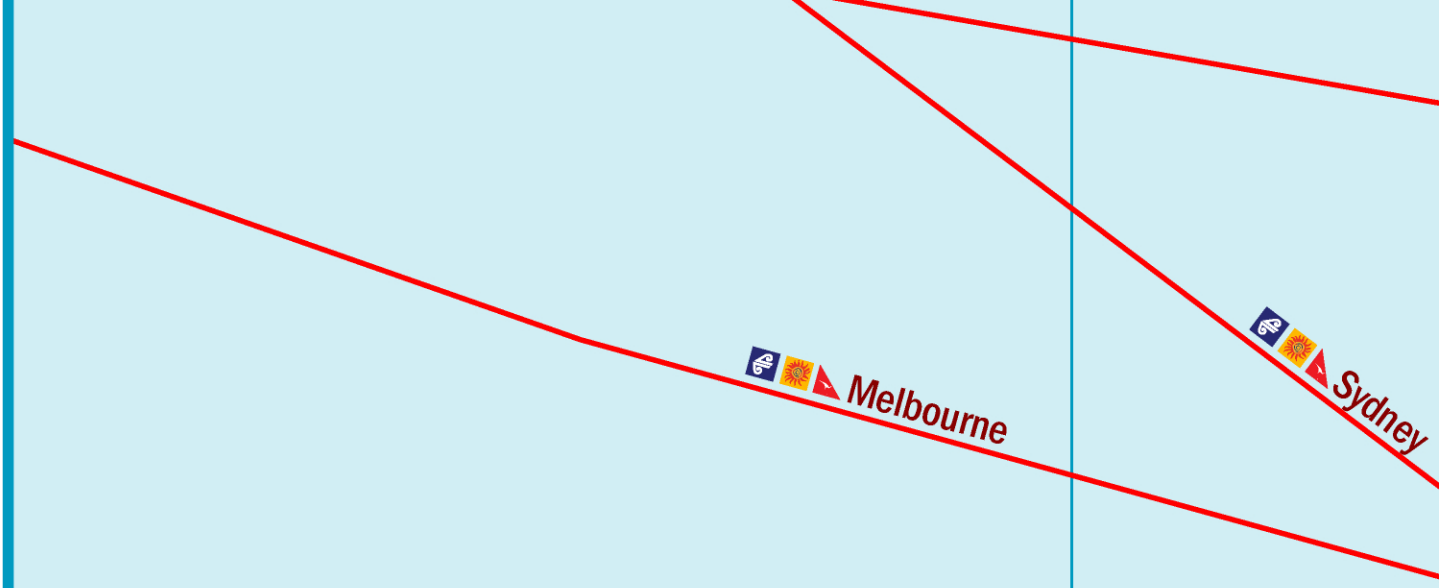

40S
Brisbane - Gu


Sydney
Melbourne - Adelaide - Perth
Brisbane - Gold Coast
Sydney
Brisbane - Japan
Melbourne
Sydney
Brisbane - Gold Coast
Greymouth


Auckland-AKL-NZAA
Tauranga
Hamilton-HLZ-NZHN
Rotorua-NZRO
Taupo
New Plymouth
Napier
Wanganui
Ohakea-OHA-NZOH
Palmerston North-NZPM
Nelson
Wellington-WLG-NZWN
Westport
Greymouth
KEY


Los Angeles - S
Hawaii
a
orua-NZRO
Gisborne
Rarotonga
Santiago
Napier
-NZPM
Buenos Aires
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NNW
MAGNETIC
MAGNETIC DECLINATION 22 ° 4'
WELLINGTON SEPTEMBER 2006
40S
Buenos Aires - Santiago



45S

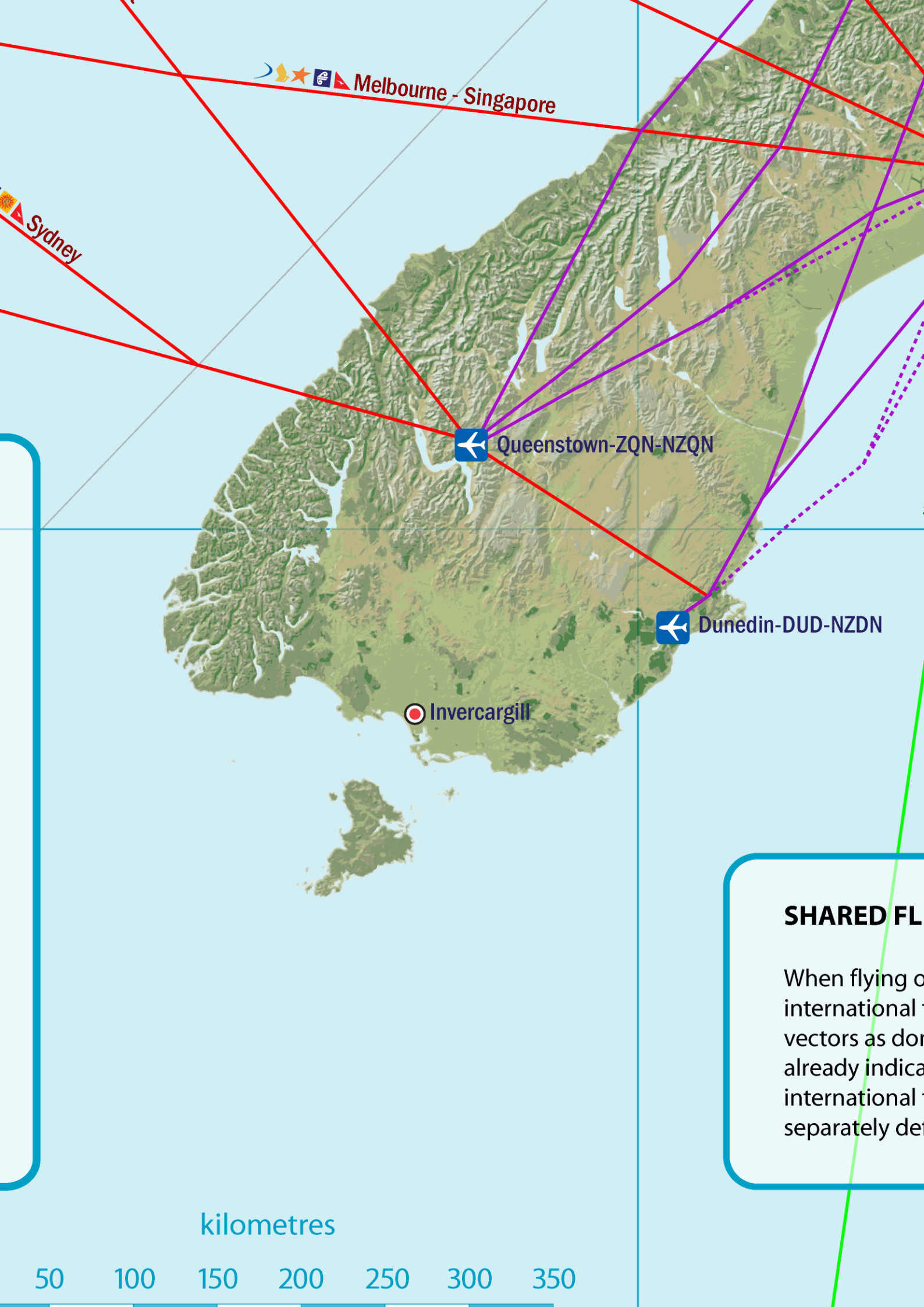
DESCENT RULES

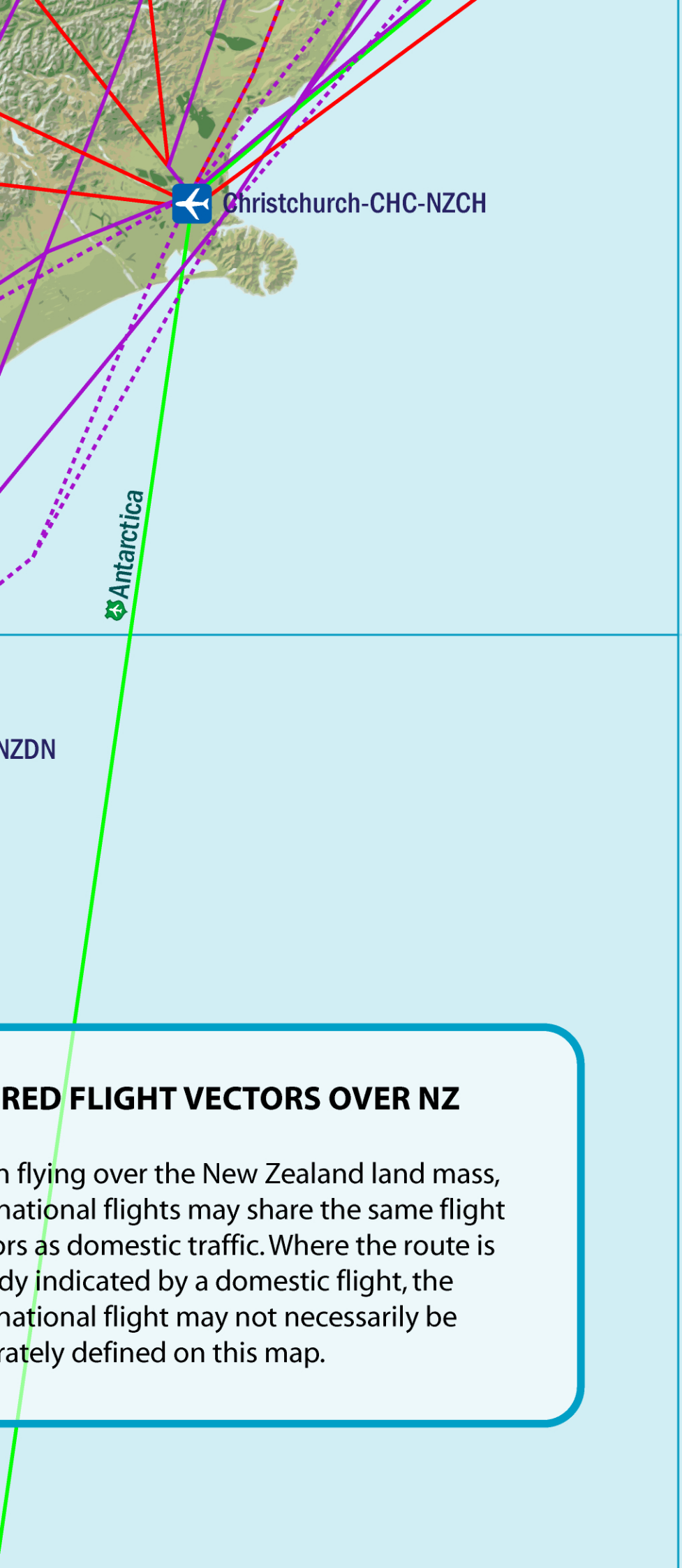
International flight rule of thumb:
Top of descent is around 35,000 feet and 110 nautical miles out, with a 300 feet drop in altitude for every one nautical mile and descent beginning 30 minutes from destination.

Domestic flight rule of thumb:
Top of descent may be anything from between 23,000 and 37,000 feet at 50 nautical miles out with a steeper descent than international flights, though some have been observed to begin descent around half way to the destination.

This automatic function is carried out by the aircraft's onboard 'Flight Management System' (FMS) and will take into consideration head winds, tail winds, air temperature, holding patterns, traffic in the area and required direction of approach etc.

0 50


Melbourne - Singapore
Sydney
Queenstown-ZQN-NZQN
Dunedin-DUD-NZDN
Invercargill
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kilometres
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300
350



Airport (jet tr

Domestic No

Domestic Sou

International

Military

Aerolineas Ar

Air New Zeala

Air Pacific

Air Tahiti Nui

Air Vanuatu

Aircalin

Cathay Pacific

China Airlines

Emirates Airli

Eva Air

Freedom Air

RED FLIGHT VECTORS OVER NZ

n flying over the New Zealand land mass, national flights may share the same flight ors as domestic traffic. Where the route is dy indicated by a domestic flight, the national flight may not necessarily be rately defined on this map.

(jet traffic)

ic Northbound

ic Southbound

ional

eas Argentinas

Zealand

ic

i Nui

uatu

Pacific

rlines

s Airlines

n Air


Waihopai Spy Ba


Tangimoana Spy


Military Aircraft


Airforce Base


JAL


Jetstar


Korean Air


LAN Chile


Malaysia Airlines


Pacific Blue

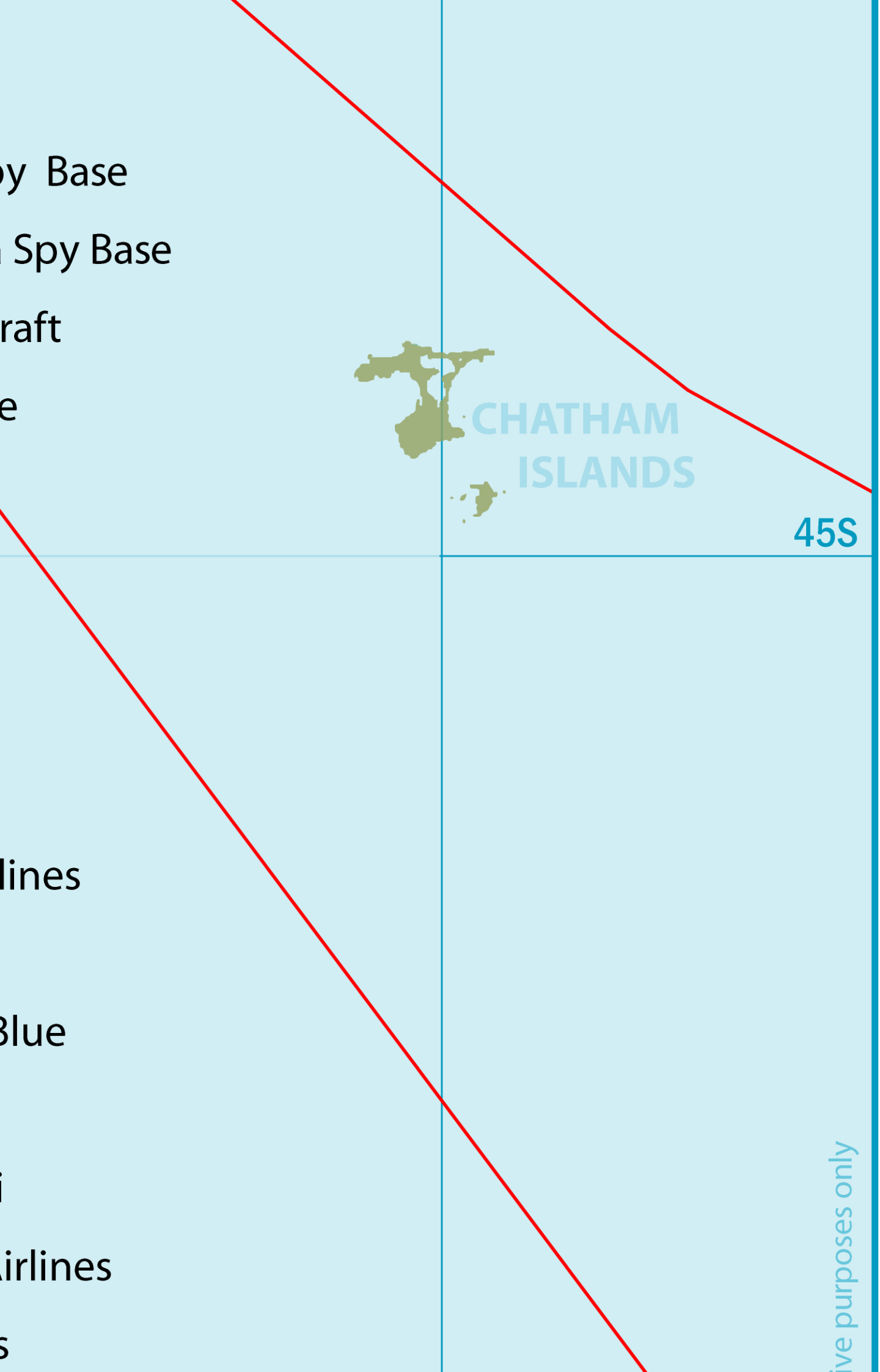

Polynesian Blue

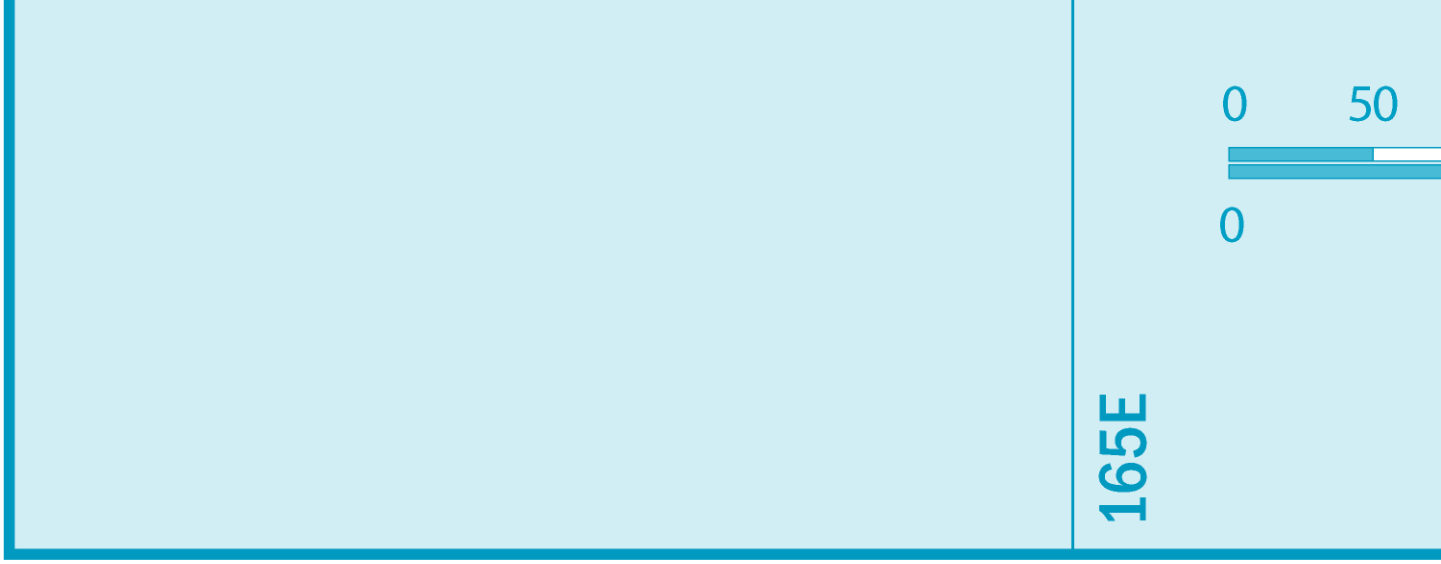

Qantas

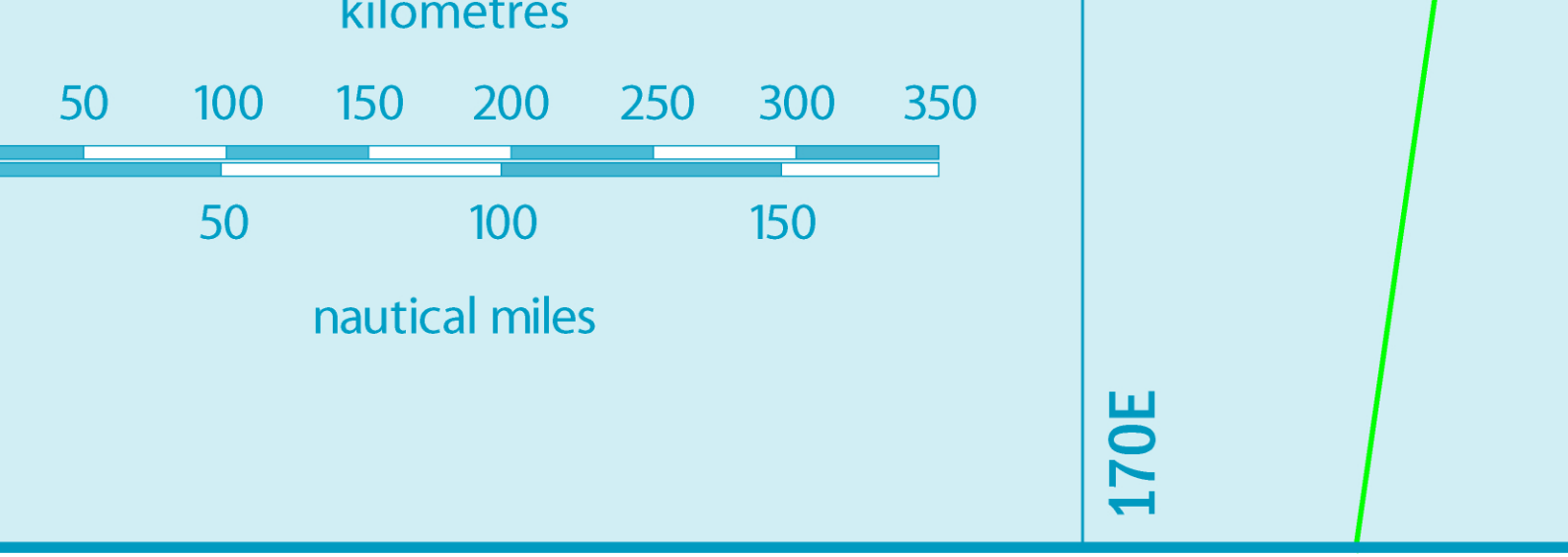

Royal Brunei


Singapore Airline


Thai Airways


CHATHAM
ISLANDS
45S


0
50
0
165E


kilometres
50
100
150
200
250
300
350
50
100
150
nautical miles
170E


Freedom Air
Garuda Indon
175E

n Air

Indonesia

Thai Airways

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S

2006 Revised 7/10/06

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175W

*Map for indicative purp