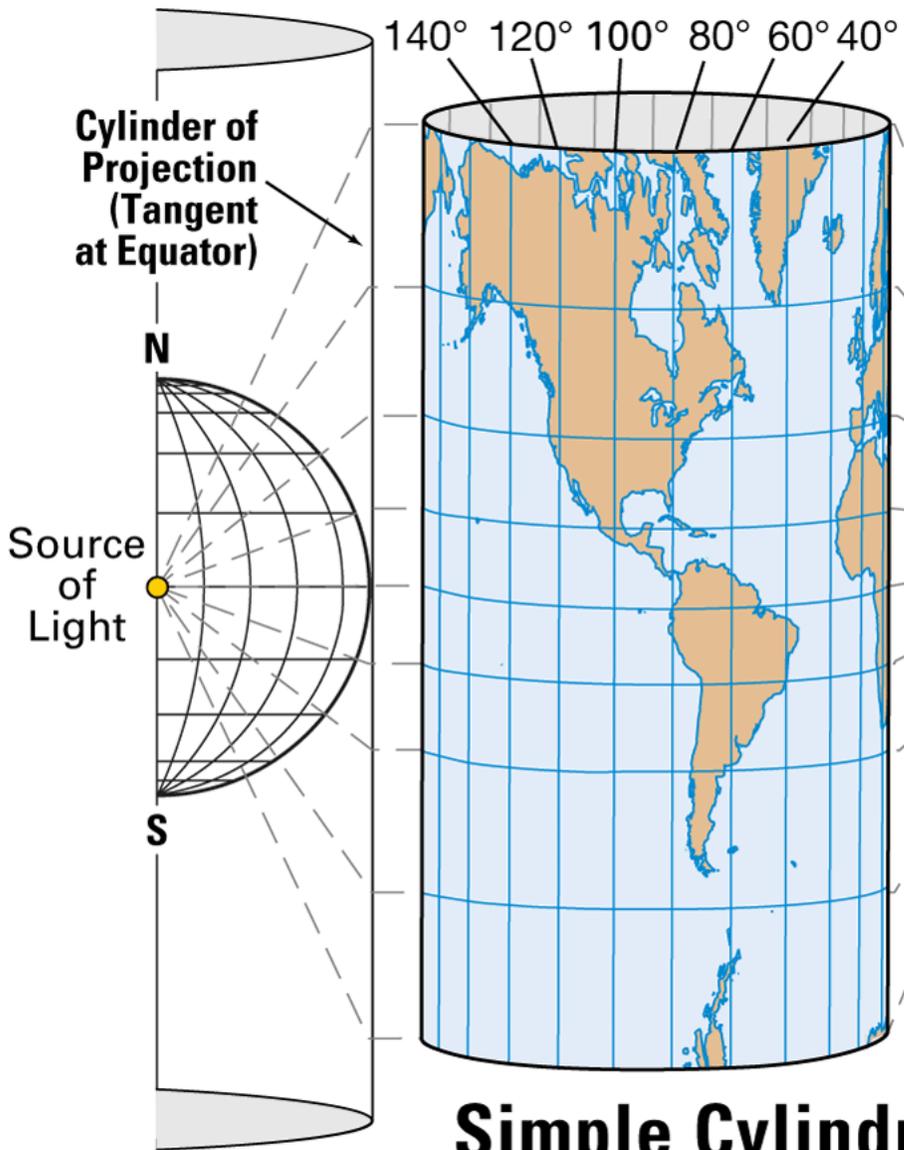


La carte marine

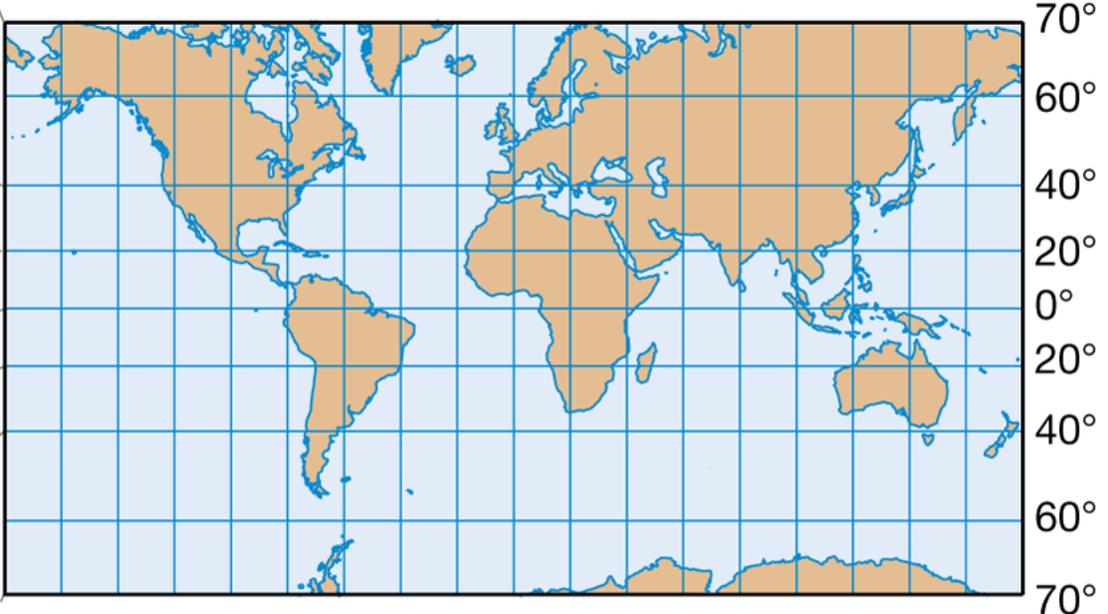
carte marine

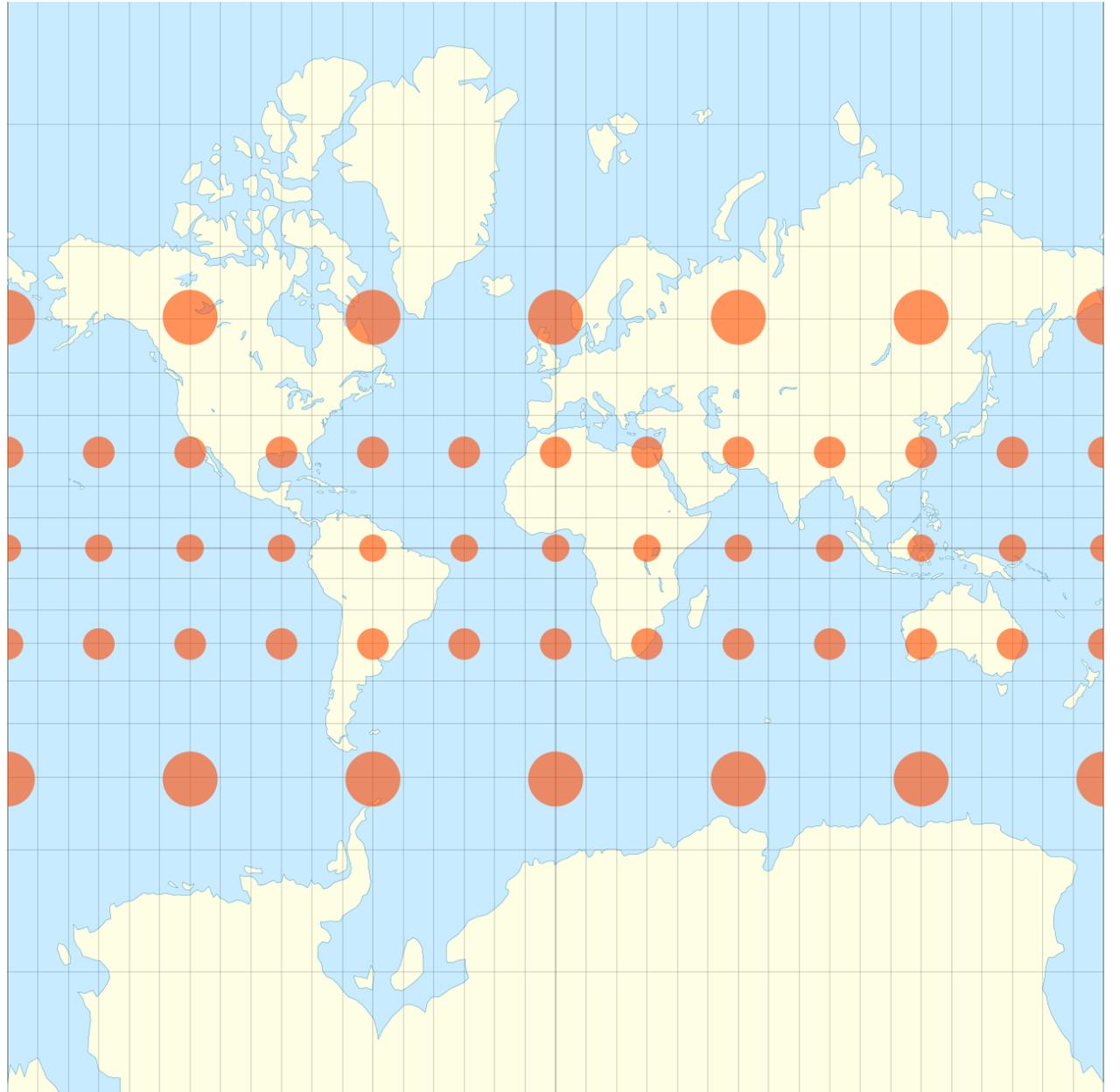
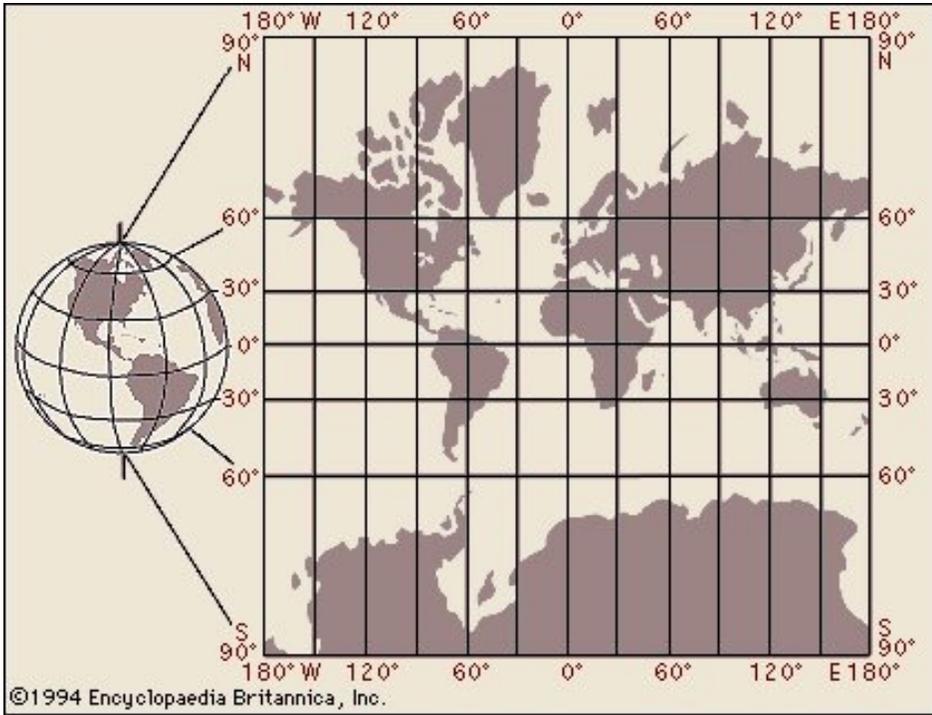
- projection Mercator
- distortion
- latitude & longitude
- ajustements horizontal et vertical
- information sur la carte
- publications les plus communes
- mise-à-jour des cartes
- utilisation de la pointe sèche et de la règle



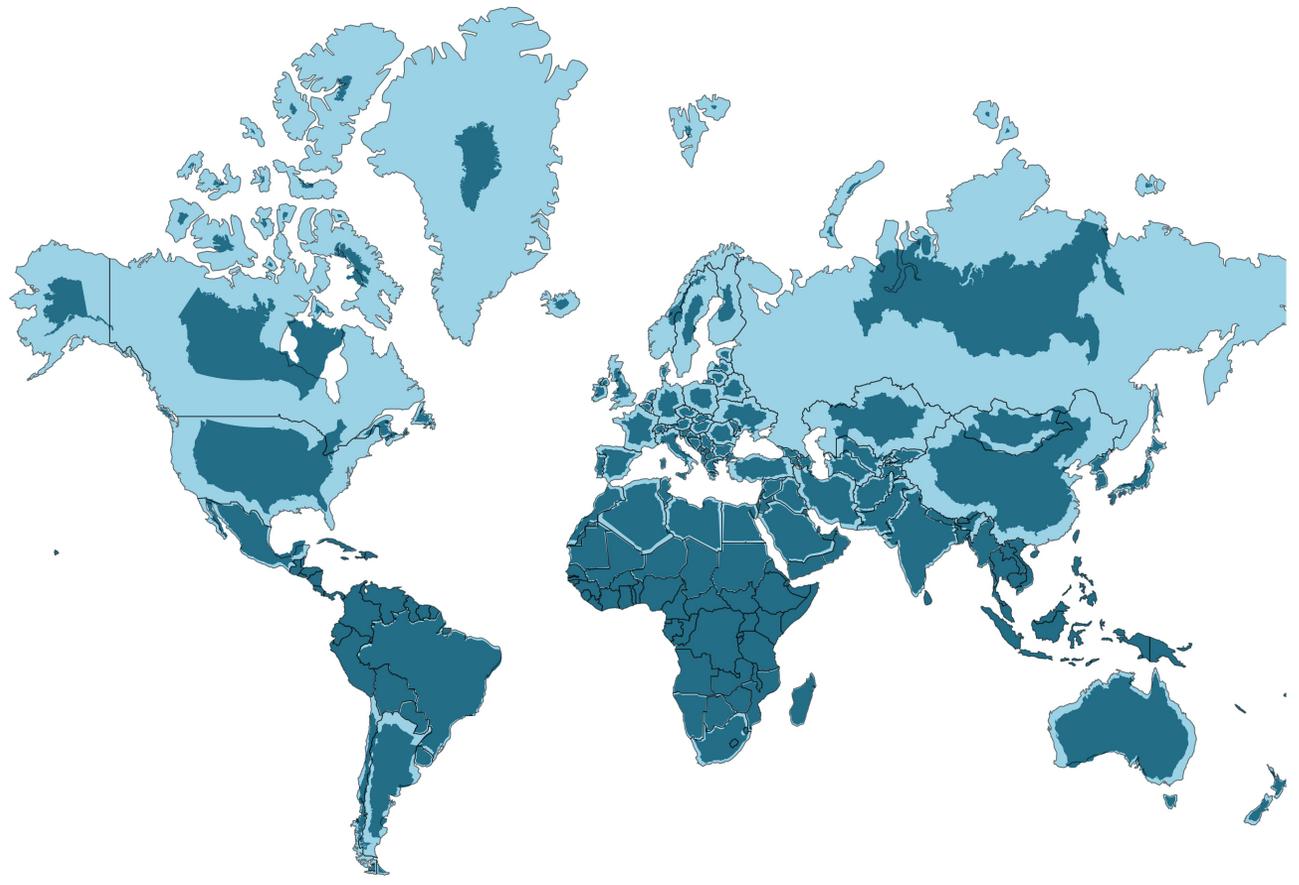
Simple Cylindrical Projection

Mercator Projection





World Mercator projection with true country size and shape added



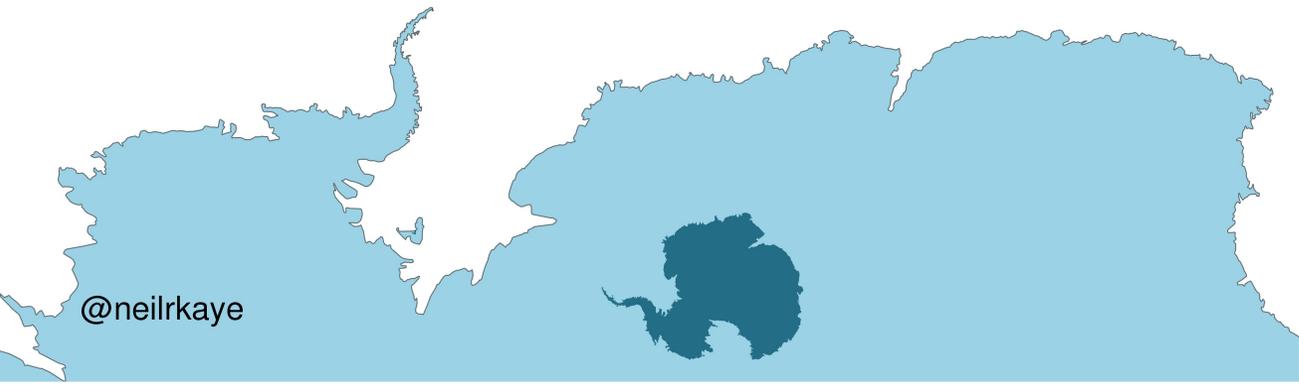
Greenland vs Africa



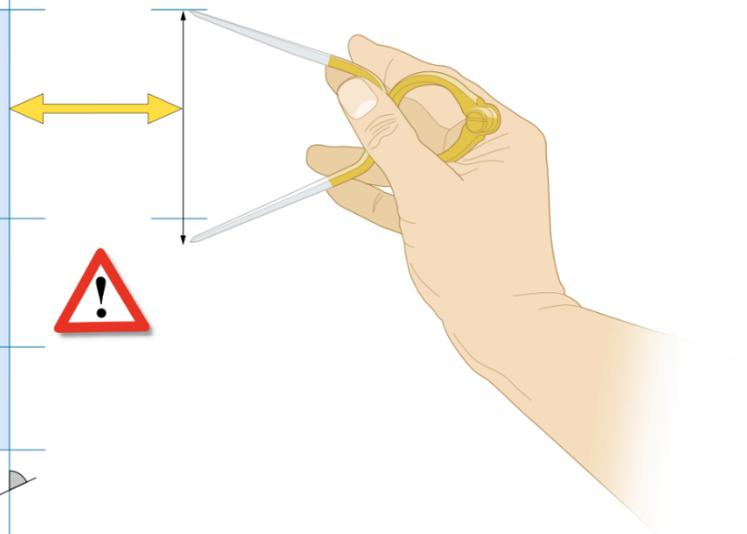
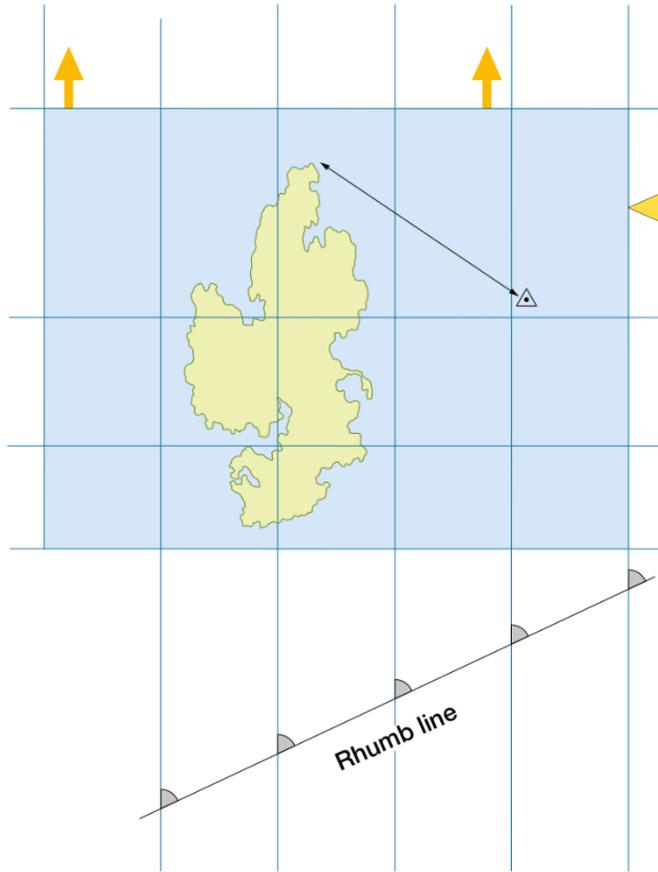
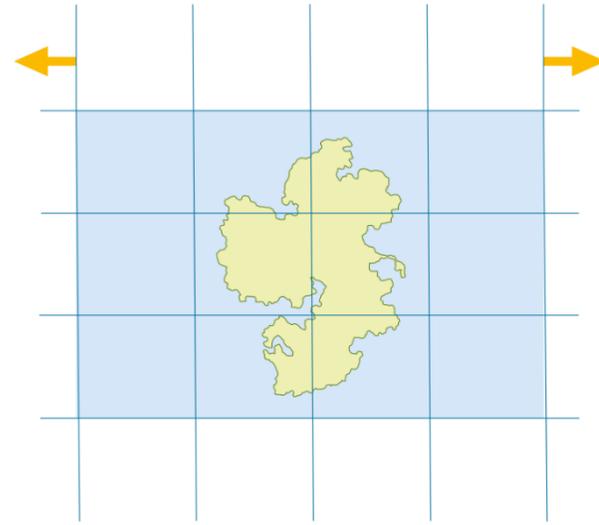
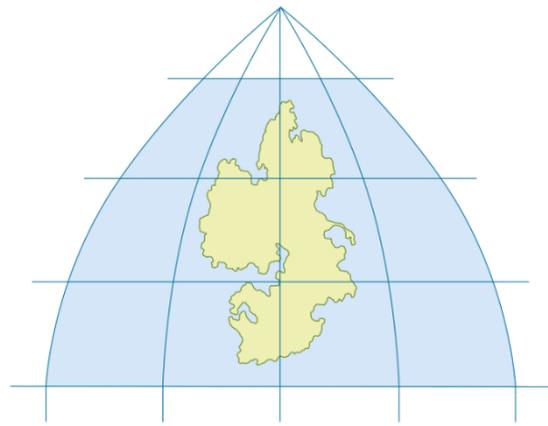
Mercator Projection



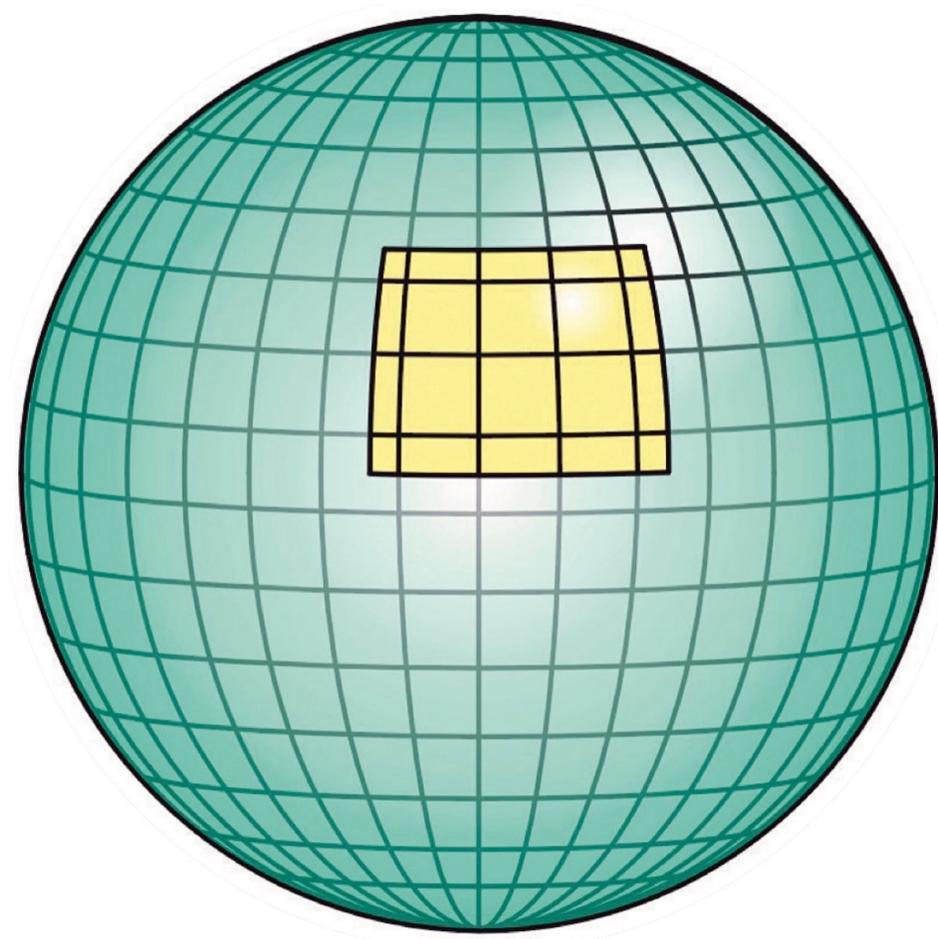
Actual Size

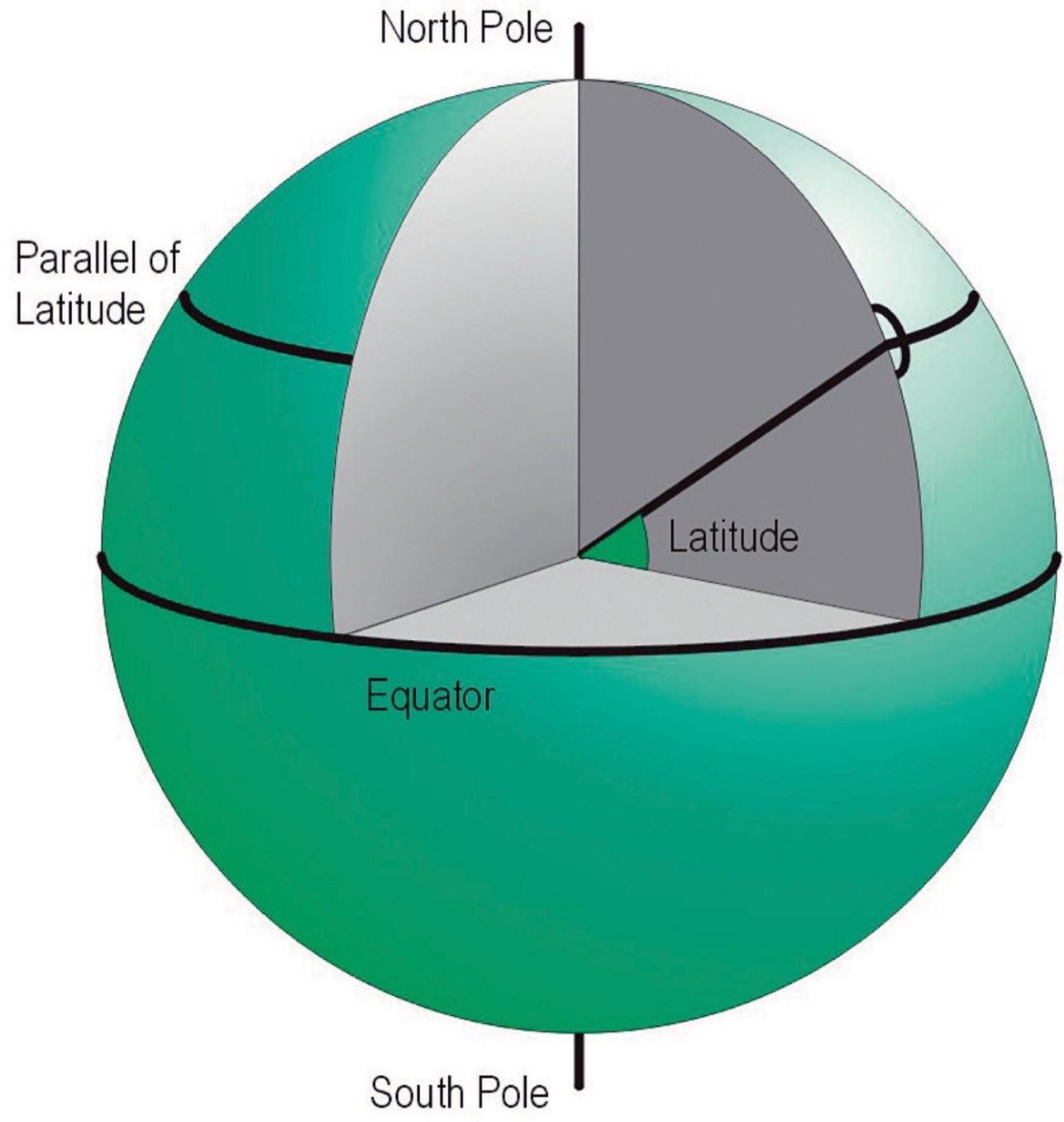


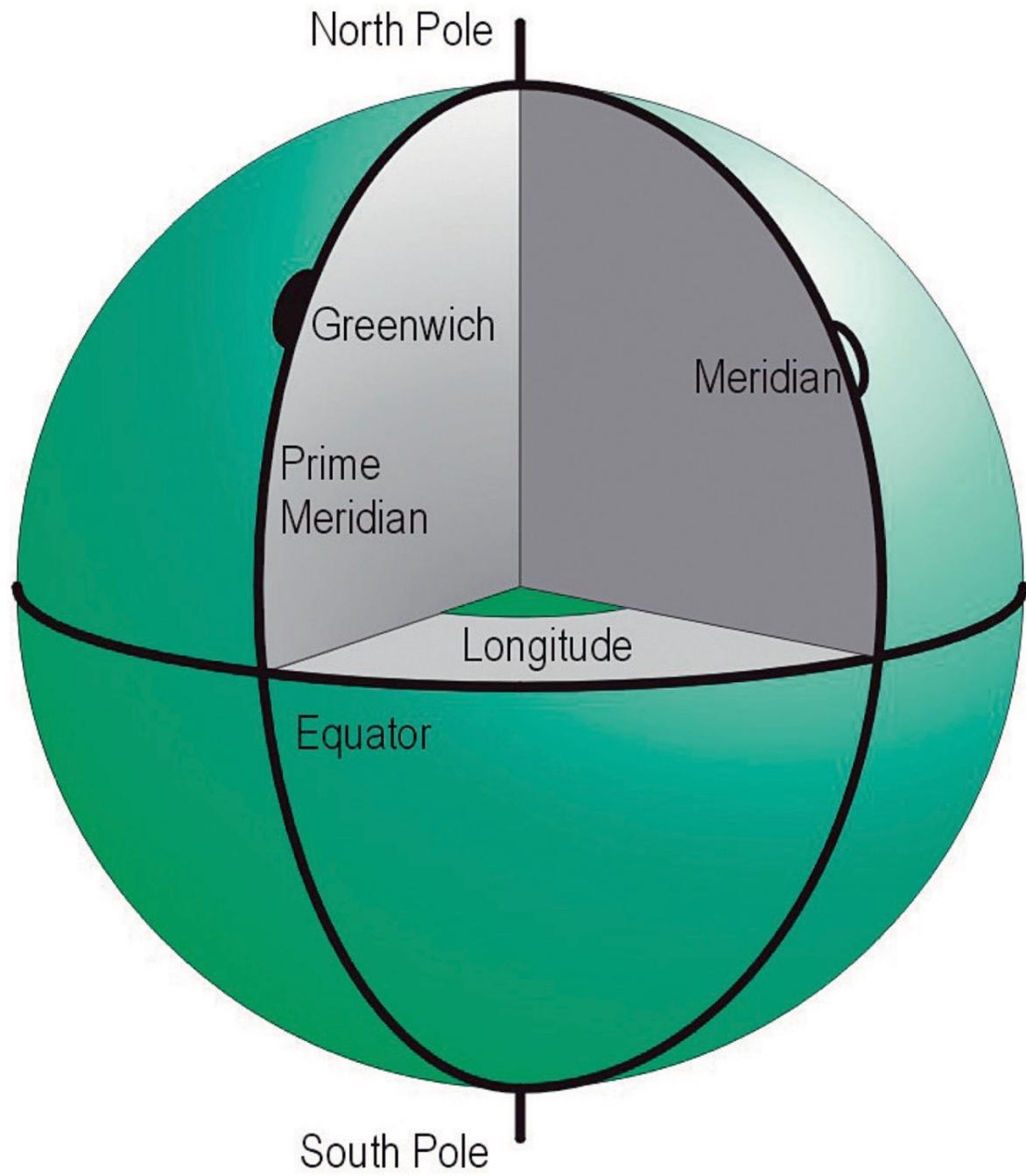
@neilrkaye

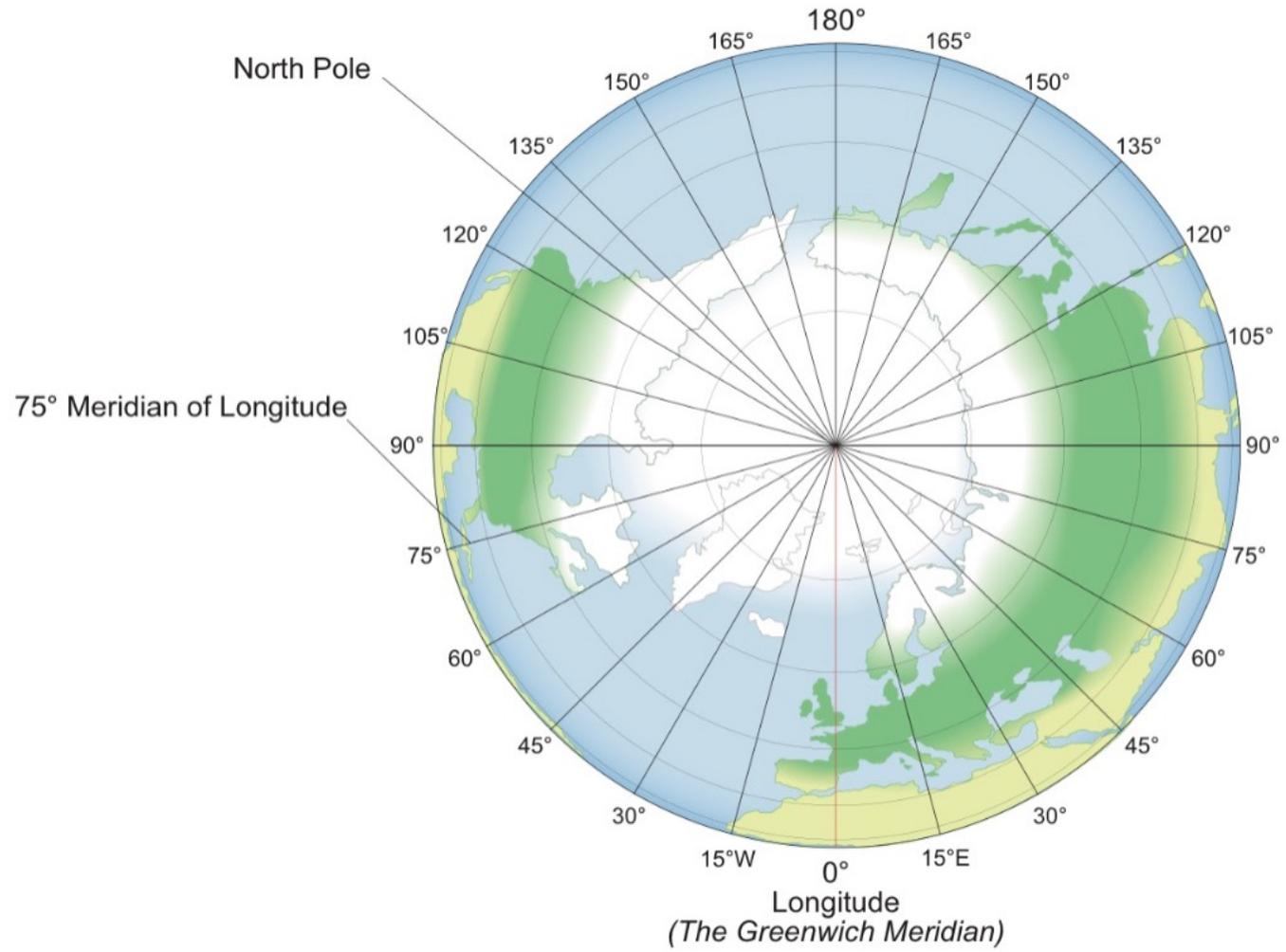


latitude et longitude

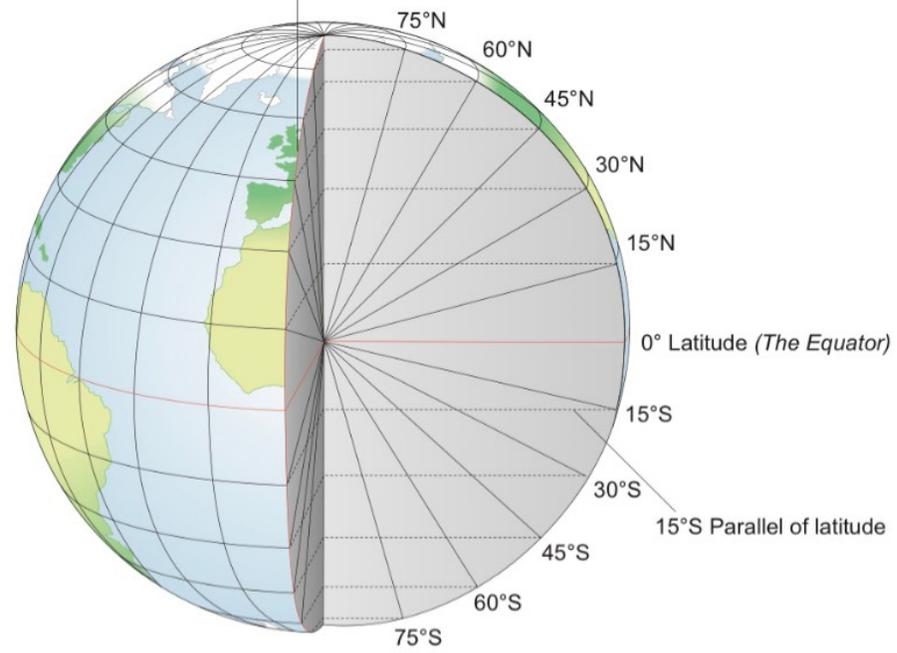




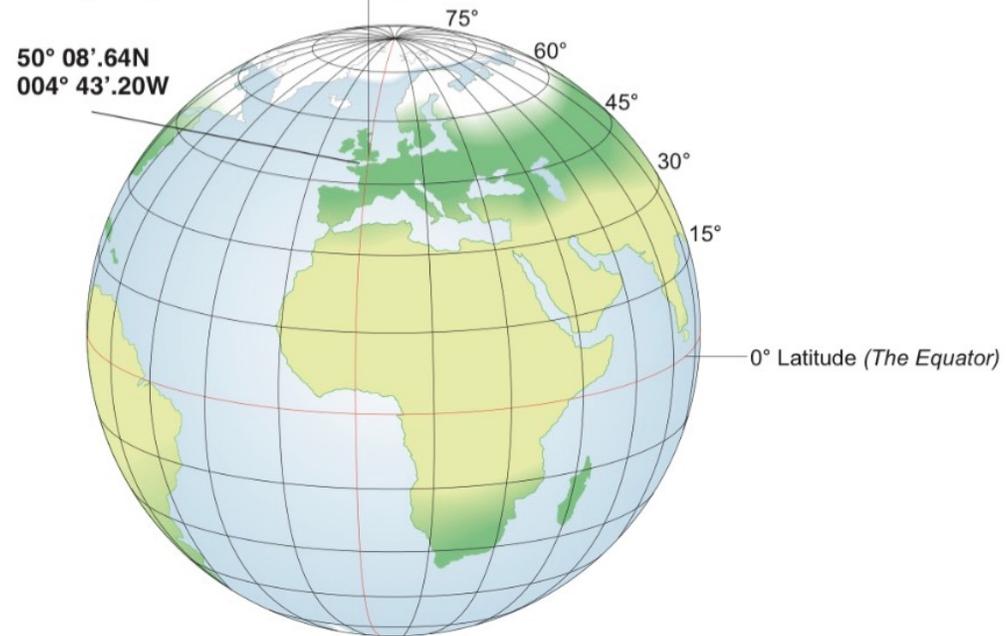




0° Longitude (*The Greenwich Meridian*)



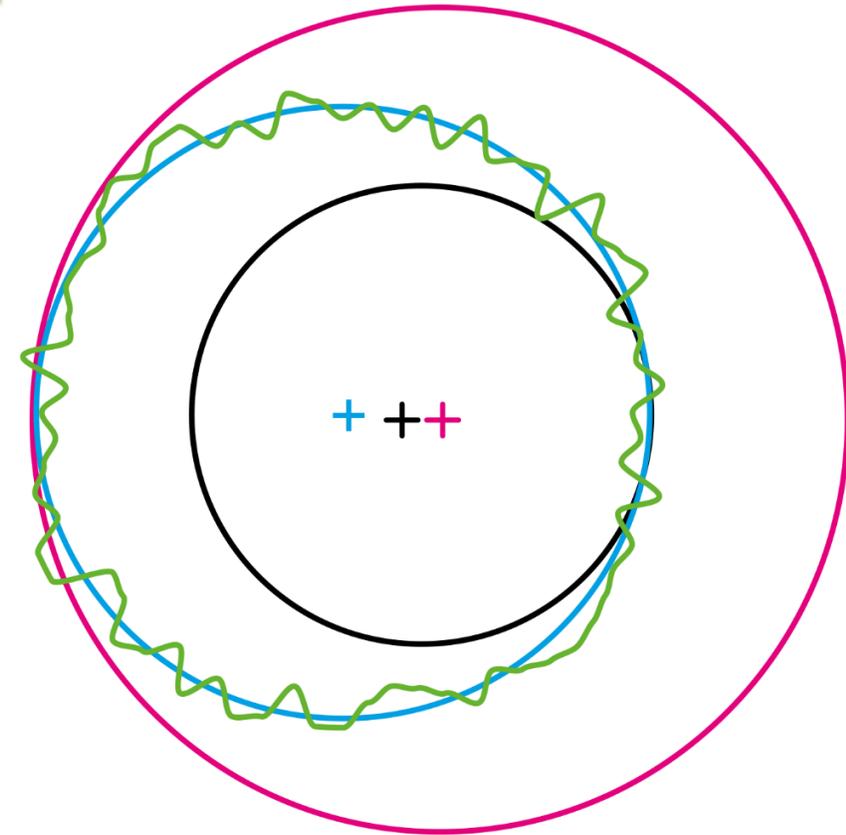
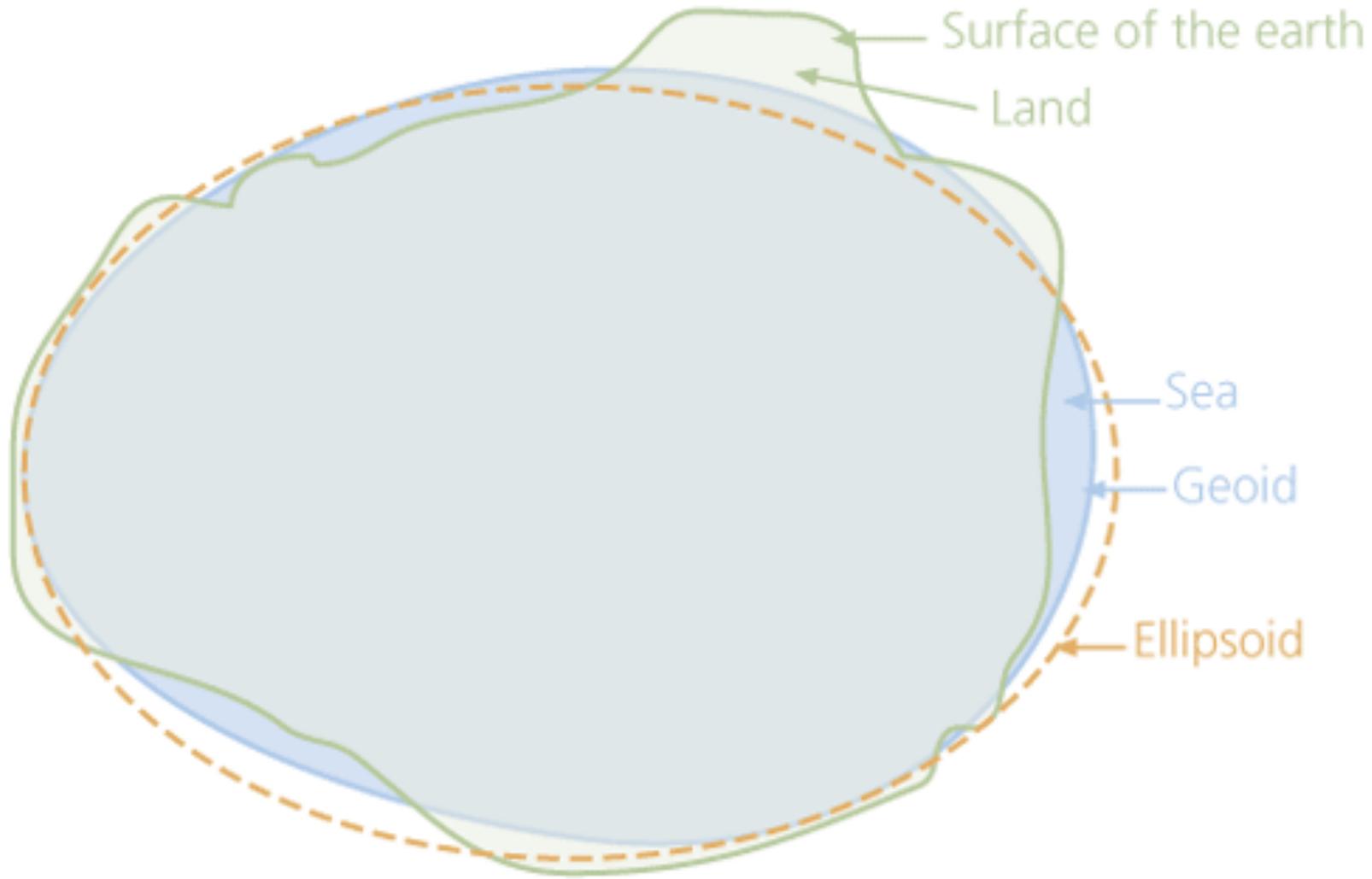
0° Longitude (*The Greenwich Meridian*)



ajustements horizontal et vertical



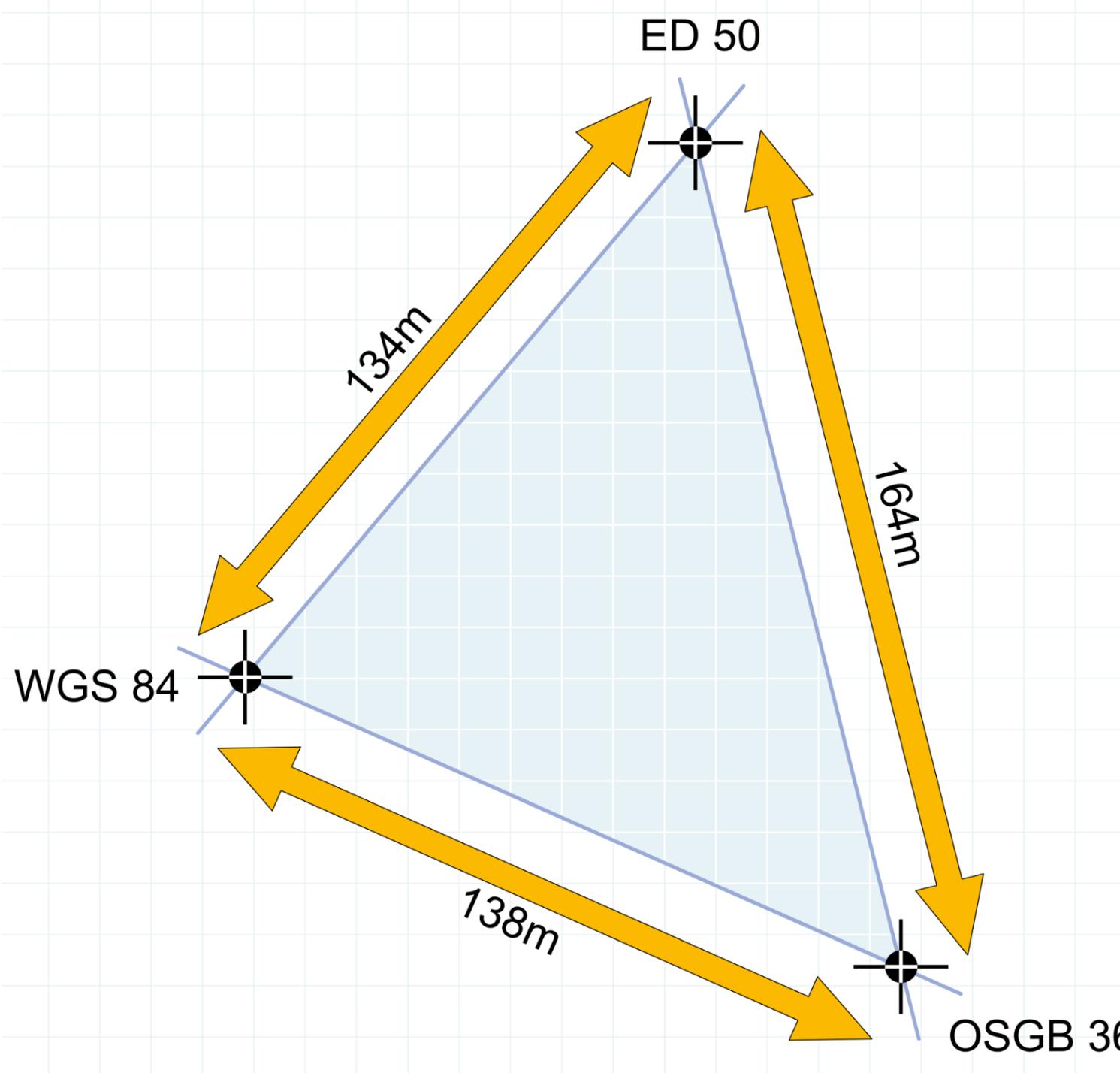
Model of the Earth



- Actual Earth/Geoid
- Small sphere
- Best fit WGS84
- Large spheroid

Horizontal datums

- OSGB 36
- ED 50
- WGS 72
- WGS 84
- ETRS 89



TRAINING CHART 3

NOT TO BE USED FOR NAVIGATION

DEPTHS IN METRES

SCALE 1:100 000 at Lat 46°00'

Depths are in metres and are reduced to Chart Datum, which is approximately the level of Lowest Astronomical Tide.

Heights are in metres. Underlined figures are drying heights above Chart Datum. Vertical clearance heights are above Highest Astronomical Tide. All other heights are above Mean High Water Springs.

Positions are referred to **WGS84** Datum (see SATELLITE-DERIVED POSITIONS note).

Navigational marks: IALA Maritime Buoyage System - Region A (Red to port); Region B (Red to Starboard) in the Neptune Islands.

Projection: Mercator.

Sources: The origin, scale, date and limits of the hydrographic information used to compile the chart are shown in the Source Diagram. Depths in upright figures are from older surveys.

SATELLITE-DERIVED POSITIONS

Positions obtained from satellite navigation systems, such as **GPS**, are normally referred to **WGS84** Datum. Such positions can be plotted directly on this chart.

NEPTUNE ISLANDS - BUOYAGE

The territorial waters of Neptunia fall within the IALA Maritime Buoyage System - Region B (Red to Starboard). Mariners are advised to exercise caution when changing IALA regions.

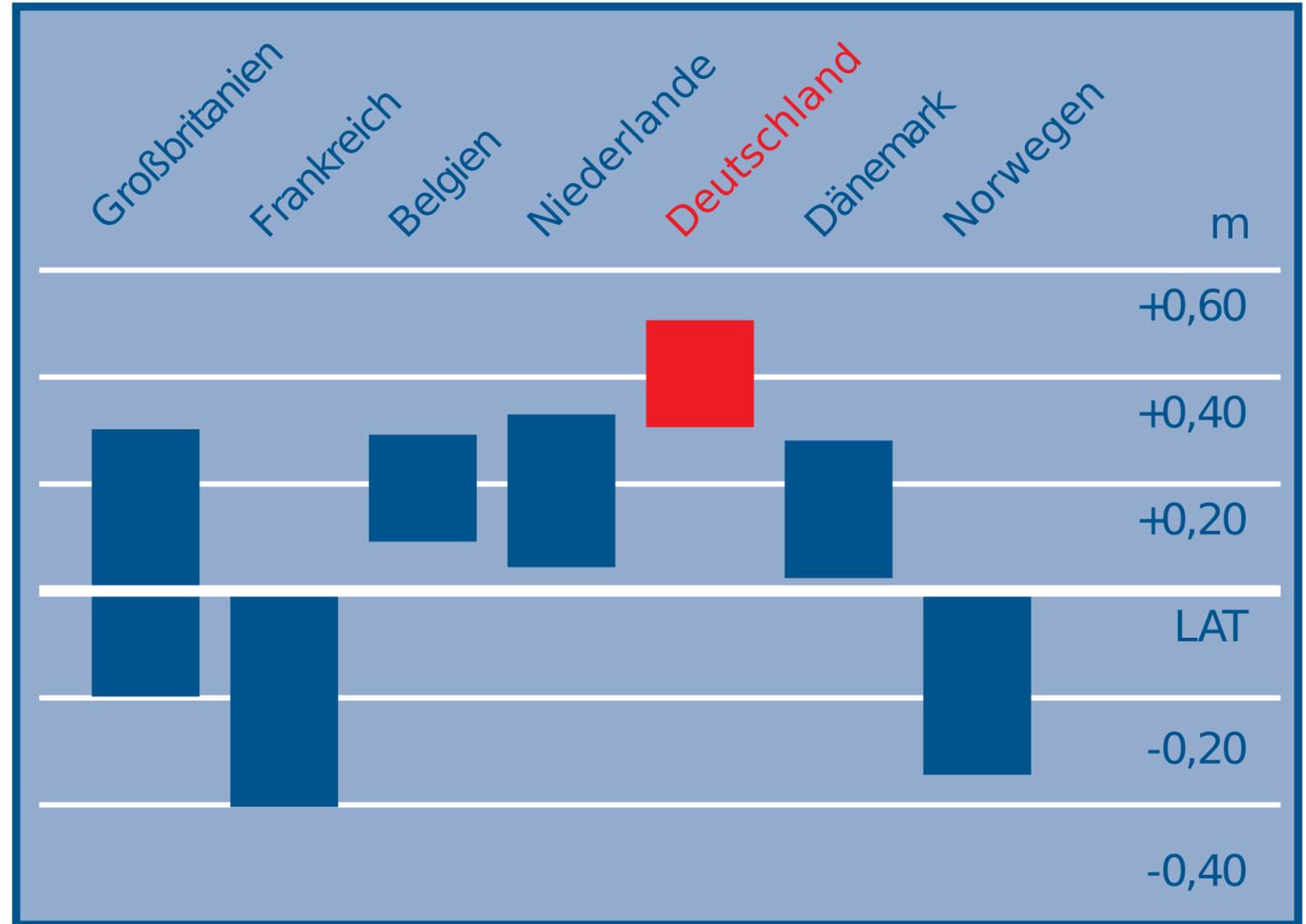
PIPELINES

Mariners are advised not to anchor or trawl in the vicinity of pipelines. Gas from a damaged oil or gas pipeline could cause an explosion, loss of a vessel's buoyancy or other serious hazard. Pipelines are not always buried and may effectively reduce the charted depth by up to 2 metres. They may also span seabed undulations and cause fishing gear to become irrecoverably snagged, putting a vessel in severe danger. See Annual Notice to Mariners No 24.

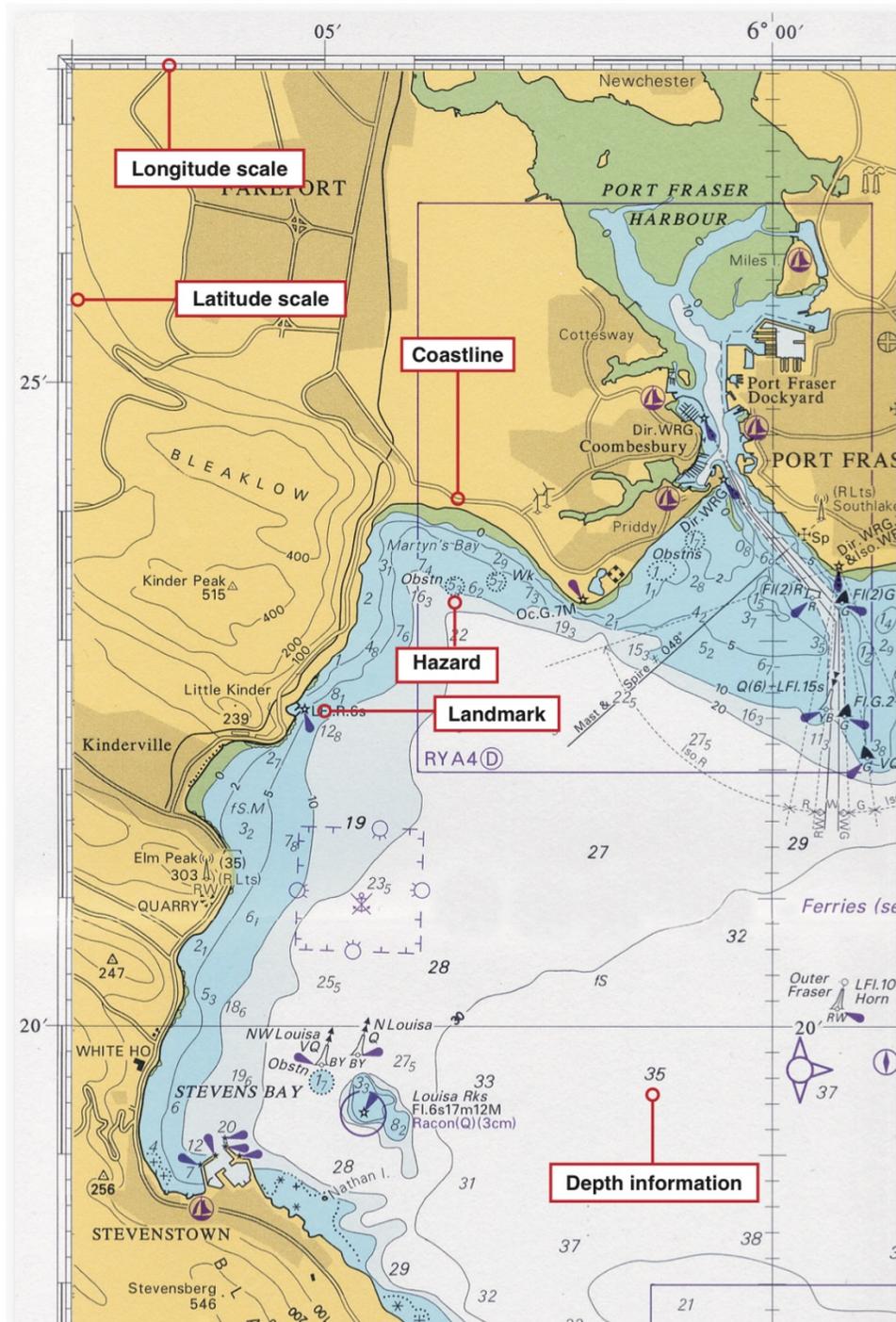


zero vertical des cartes

- IMO depuis 1993 -> LAT
- Europe : 2020



info dans la carte



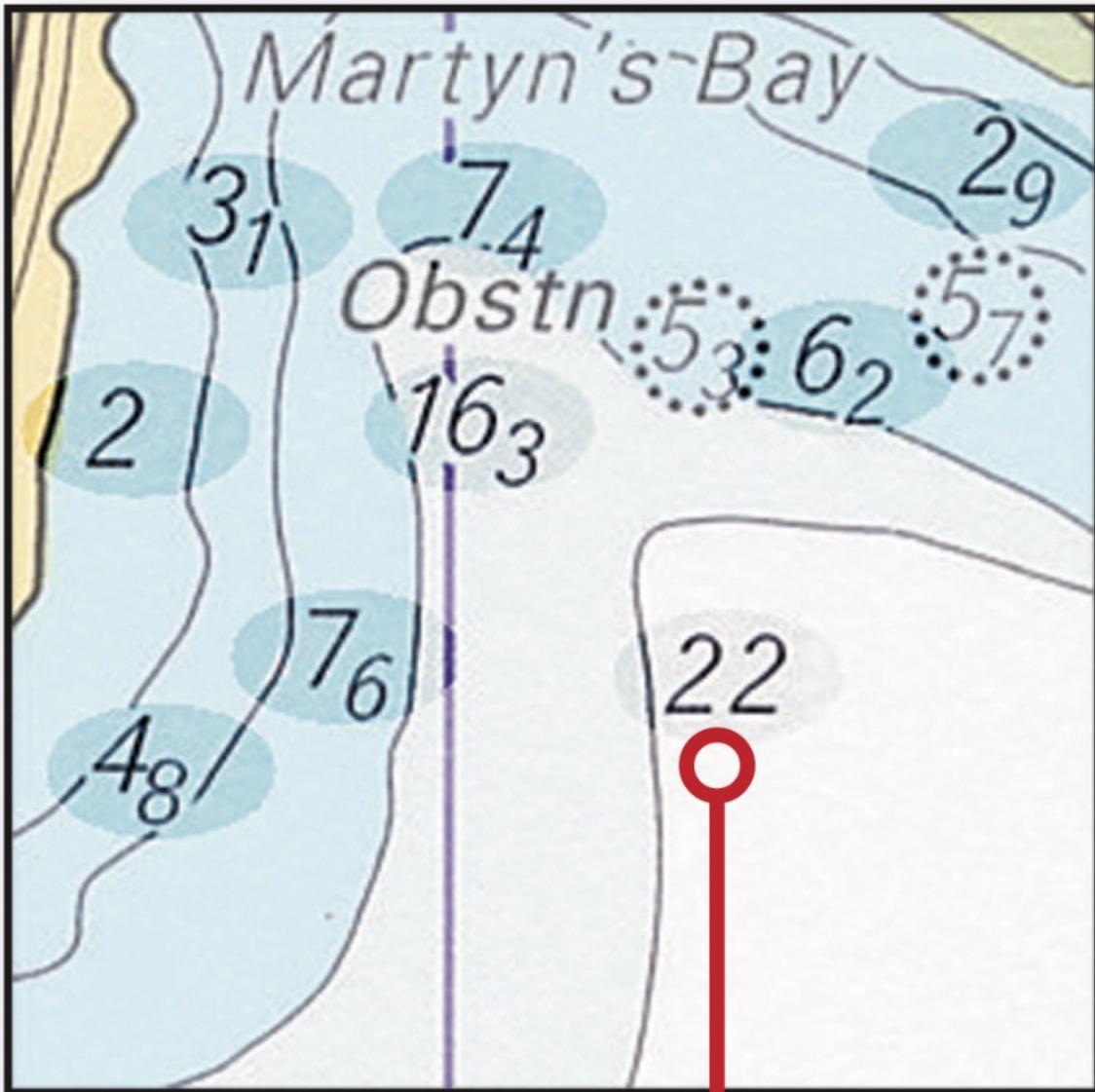


Fig 1: Spot depths show the depth at particular spots

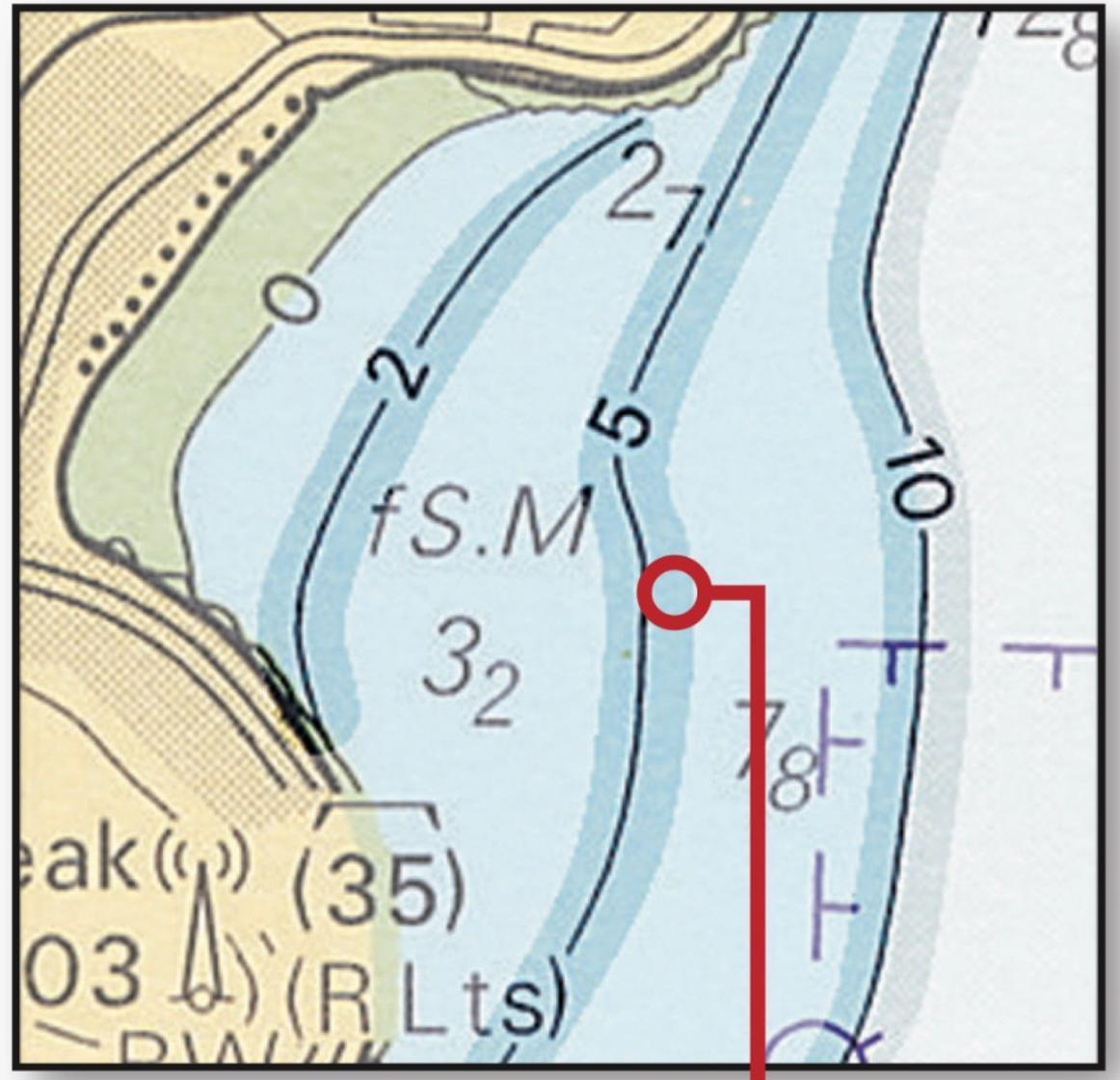


Fig 2: Contours are lines that divide shallow water from deep

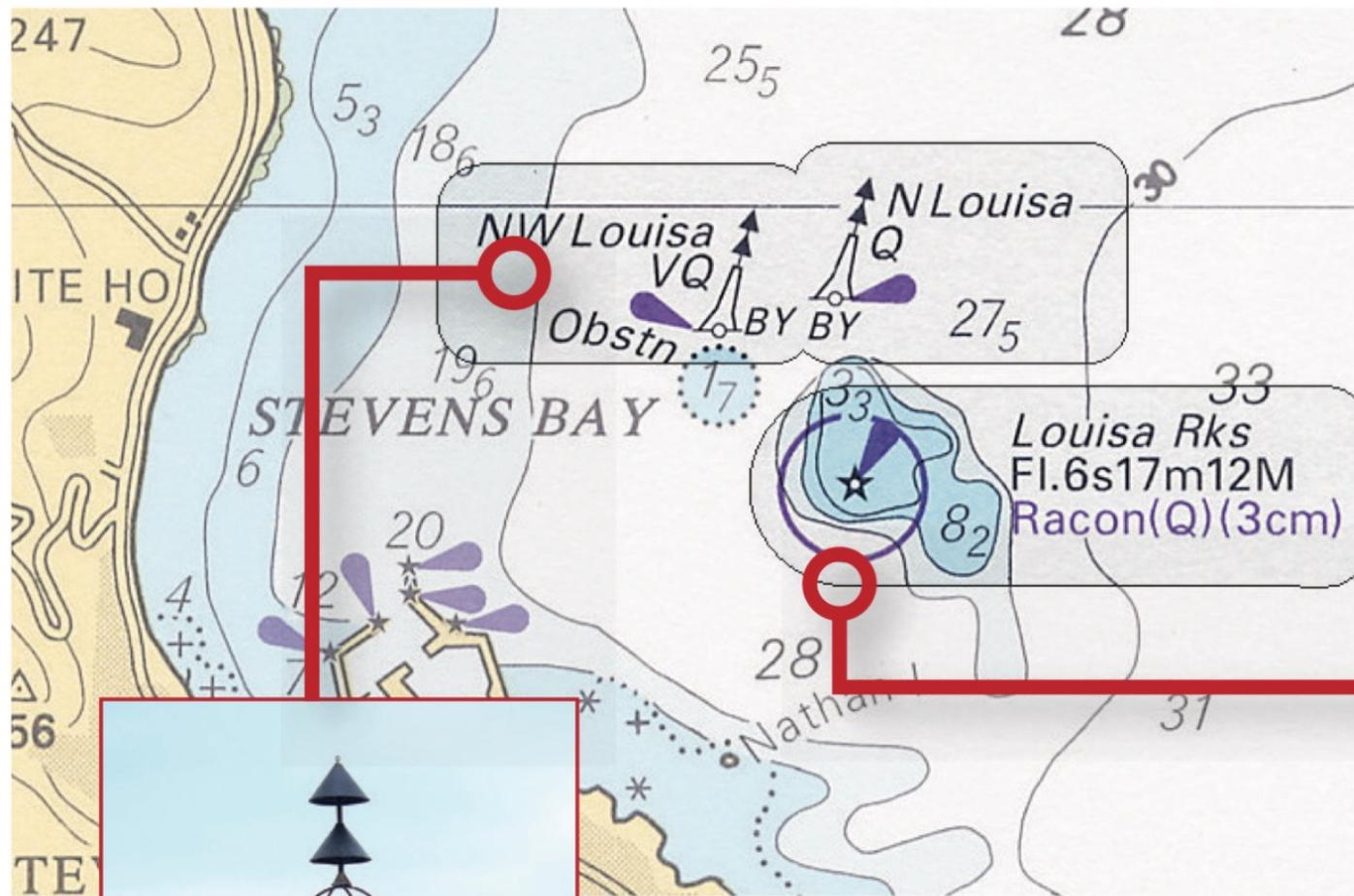


Fig 3: A star-shaped symbol represents a lighthouse



Fig 4: Buoys are represented by pictures of the buoys themselves



	Church
	Water tower, Water tank on a tower
	Chimney
	Major light, minor light, light, lighthouse
	Buoys, beacons
	Lighted beacon tower, beacons
	Rock which does not cover, height above MHWS
	Rock which covers and uncovers, height above Chart Datum, where known
	Rock wash at the level of Chart Datum
	Underwater rock over which the depth is unknown, but which is considered dangerous to surface navigation
	Wreck showing any part of hull or superstructure at the level of Chart Datum
	Wreck, depth unknown, which is not considered dangerous to surface navigation
	Anchoring prohibited
	Fishing prohibited

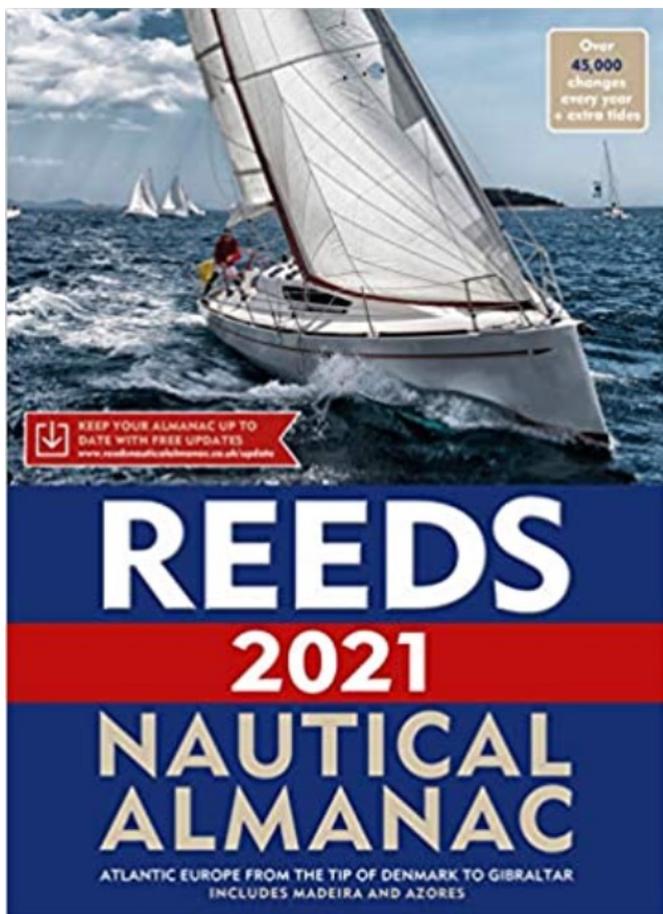
Fig 1: A few of the most important chart symbols

	Church
	Water tower, Water tank on a tower
	Chimney
	Major light, minor light, light, lighthouse
	Buoys, beacons
	Lighted beacon tower, beacons
	Rock which does not cover, height above MHWS
	Rock which covers and uncovers, height above Chart Datum, where known
	Rock wash at the level of Chart Datum
	Underwater rock over which the depth is unknown, but which is considered dangerous to surface navigation
	Wreck showing any part of hull or superstructure at the level of Chart Datum
	Wreck, depth unknown, which is not considered dangerous to surface navigation
	Anchoring prohibited
	Fishing prohibited

publications les plus communes

- tables des marées
- atlas des courants
- listes des feux
- listes des signaux radio

- Almanach du navigateur



mise-à-jour des cartes

- notices to mariners
- groupe d'avis aux navigateurs

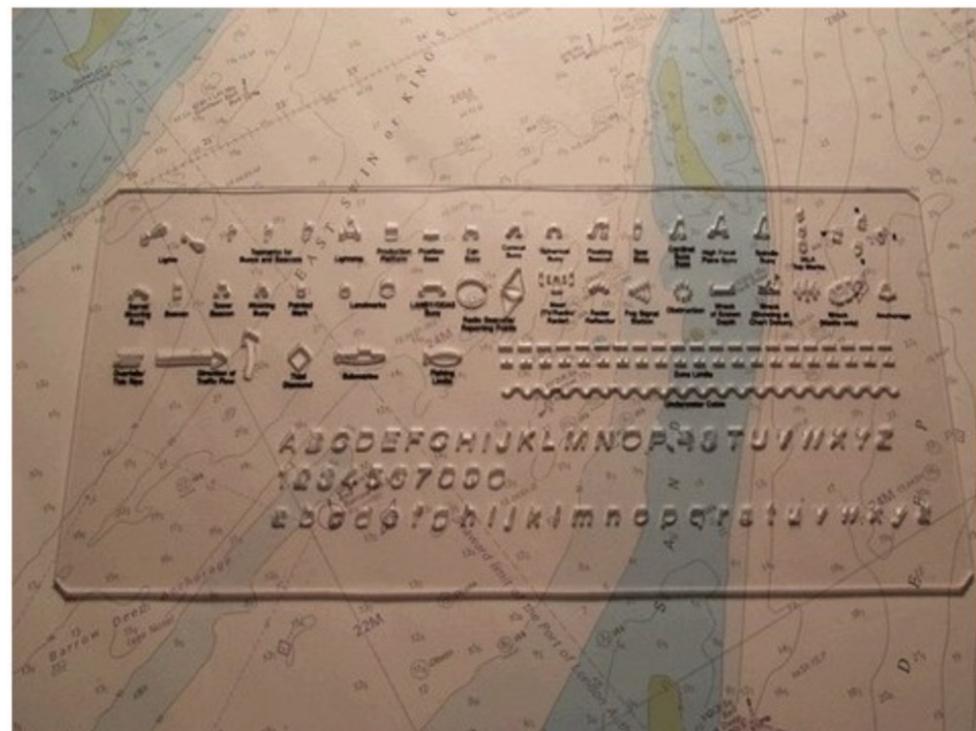
3698* ENGLAND, South Coast — The Solent and Isle of Wight — Ryde Middle and Ryde Pier Westwards — Beacon; Buoy; Fog signal

Substitute port-hand beacon with topmark for port-hand can buoy 50° 44'·27N., 1° 09'·86W.

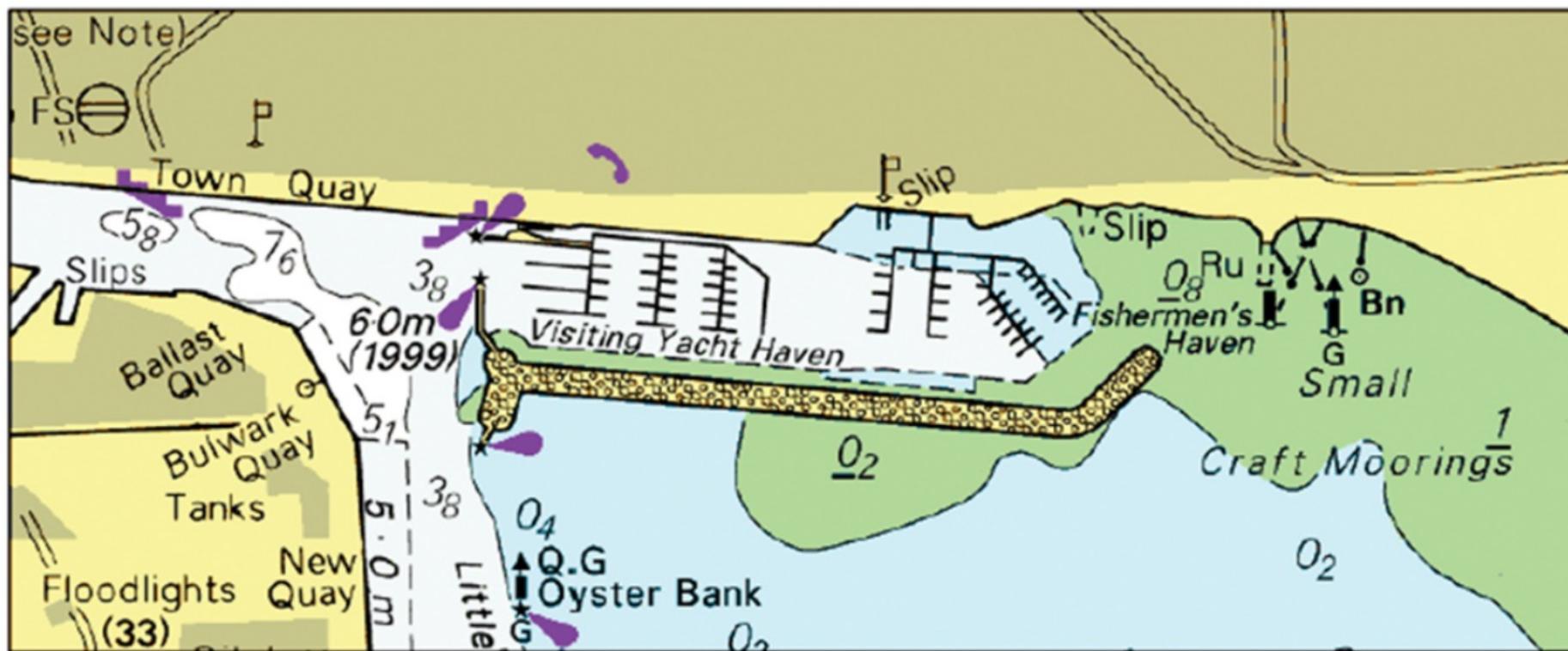
Delete fog signal, Bell, at S Ryde Middle light-buoy,
(chart 2045, fog signal, Bell, at starboard-hand
conical light-buoy) (a) 50° 46'·13N., 1° 14'·15W.

Note: Positions on both of the charts affected by this notice are referred to a **WGS84** compatible datum. See list of **ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS84 COMPATIBLE DATUM** (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **2036** (INT 1730) [2628/02] — **2045** (a) [3453/02]
Queen's Harbour Master, Portsmouth (HH.232/600/08).



To accompany Admiralty Notice to Mariners No 2452 of 2001



Block for Chart No 2611

travail sur la carte

- compas pointe sèche
- règle
 - règle Cras
 - rapporteur breton ou Portland plotter

