

NATIONAL PARKS AND NATURE RESERVES
National Parks are reserved for conservation of flora, fauna, rocks and landscape. Firearms, pets, ground fires and driving off established tracks are not permitted.
Within Nature Reserves, firearms, camping, lighting of fires, removal of soil and timber, dumping of rubbish, disturbance of flora and fauna are prohibited. Refer to Conservation and Land Management publications for further information on National Parks and Nature Reserves.

LEEUWIN CURRENT
The Leeuwin Current is most predominant during May - August with a surface current generally less than 1.0kn. It has an average width of 50 nautical miles and extends to a depth of approximately 200 metres, carrying warm, low salinity water from the North West Shelf area along the continental shelf south to Cape Leeuwin and then east into the Great Australian Bight. For details of currents generally refer to R.A.N. Australia Pilot Vol 1.

WESTERN ROCK LOBSTER FISHERY
Between November and June, extensive lobster fishing takes place between latitude 24°S and 34°S. Mariners are advised to keep well clear of lobster pot fields and submerged lines.

FISHING
Fishing regulations apply throughout Western Australia. Refer to Fisheries WA publications for further information.

ROADS AND TRACKS
The representation on this chart of any road or track is not necessarily evidence of a public right of way.

HISTORIC SHIPWRECKS
All wrecks, 75 years old or more, are protected under an Act which prohibits the removal of artefacts or willful damage of any sort. By this means, the sites will remain better preserved for divers in the future. Refer to WA Maritime Museum for further information.

LEGEND

- Marsh and swampland
- Nature Reserve / National Park
- Railway, Clearance height, Bridge
- Clearance height, Overhead powerline
- River
- Major road
- Minor road
- Track
- Medical facility, Building
- Mean high water
- Mean low water
- Datum
- Cliff
- Rock shoreline
- Sand drift, Anchoring prohibited
- GPS validation point, Helpaid, Groyne
- Car parking, Over-seach launching
- Boat ramp, Tide gips
- Parking for boats / trailers
- Mangroves, Fod ground, Marine farm
- Water, Fuel, Jetty, Safe anchorage
- Telephone, Public toilet
- Exposed wreck, Submerged wreck
- Hazardous submerged reef
- Reef which covers and uncovers
- Coral reef / outcrop, Breakers
- Rock awash, Underwater rock
- Sounding above Datum
- Danger line
- 2m contour
- 5m contour
- 10m contour
- Depth in metres and decimetres
- Approximate contour
- Submarine cable
- Anchorage area, No anchorage area
- No fishing, Pilot boarding location
- Speed limit boundary
- Water skiing boundary
- Prohibited area boundary
- Various limits
- Port Authority / Harbour boundary
- Recommended track
- Cutfall
- Dredged area boundary
- Restricted area / Sensitive area
- Marine protected area

NAVIGATION MARKS

- Lighthouse, major, minor light
- Beacon, port, starboard
- Safe water, isolated danger
- Spar buoy, port, starboard
- Pillar buoy, port, starboard
- Mooring buoy, yachting buoy
- Lead, front, rear
- Special Marks (yellow cross topmark) are not primarily to assist in navigation, but indicate special features.

CARDINAL MARKS

- Indicates safe water to the North
- Indicates safe water to the South
- Indicates safe water to the East
- Indicates safe water to the West

LIGHT CHARACTERISTICS

Colour of light is white unless otherwise stated

- F = Fixed
- Fl = Flashing
- Fl(1) = Group flash
- Q = Quick flash
- LFl = Long flash
- Gc = Occulting
- ho = Isophase
- indicates lit navigation mark
- G = Green
- R = Red
- Y = Yellow
- Bu = Blue
- s = Period in seconds
- m = Focal plane height above MHHW
- M = Luminous range in nautical miles

AUSTRALIA - WEST COAST
WESTERN AUSTRALIA
GUILBERTON
SCALE 1 : 25 000

DEPTHS
Depths are shown in metres and decimetres, reduced to Sounding Datum, which is approximately lowest water level.

HEIGHTS
Heights are shown in metres. Underlined figures are drying heights above Sounding Datum. Overhead clearance heights are above Highest Astronomical Tide. All other heights are above Mean Higher High Water.

POSITIONS
Positions on this chart are referenced to the Map Grid of Australia, Zone 50, based on the Geocentric Datum of Australia 1994 (GDA94). For GPS use, this approximates WGS84.

PROJECTION
Transverse Mercator.

SOURCES
From the latest information available to Department for Planning and Infrastructure (DPI), including Royal Australian Navy surveys of 1975 - 80 and DPI surveys of 1975 and 1983.

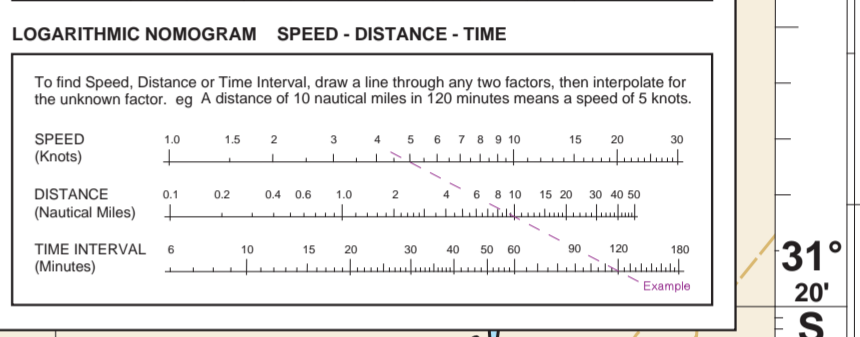
NAVIGATION MARKS
IALA Maritime Buoyage System - Region A (Red to Port).

NOTICES TO MARINERS
The information provided on this chart is subject to change. All such changes of a safety or navigational nature will be promulgated. Ensure that the latest edition of the chart is used at all times, and kept corrected with the relevant Notice to Mariners. Current Notices to Mariners are available from DPI Chart Sales Offices, on the Internet at <http://www.coastaldata.transport.wa.gov.au/>, or DPI Approved Chart Agents.

CAUTION NOTE
Heavy swell
During heavy swell, seas may break on all leading lines.

TIDAL INFORMATION AND SOUNDING DATUM

Place	Lat	Long	HAT	MHHW	MHW	MLW	MLLW	Lowest	Sounding and Tidal Datum
TWO ROCKS	31°30'	115°35'	1.33	0.93	0.74	0.72	0.63	0.49	0.12 5.468m below BM A431



SPEED CONVERSION TABLE

Nautical Miles Per Hour	4	5	6	8	10	12
Miles Per Hour (Mph)	4.6	5.7	6.9	9.2	11.5	13.8
Kilometres Per Hour (Kph)	7.4	9.2	11.1	14.8	18.5	22.2

RELIABILITY DIAGRAM

KEY TO SYMBOLS

- 400 Distance apart of main sounding lines in metres
- L Lead Line depths
- E Echo Sounder depths
- O Optical position fixing
- Z Electronic position fixing
- S Sonar sweep
- R Reconnaissance or incomplete survey

Authorities

- A Department for Planning and Infrastructure
- B Royal Australian Navy
- C AUSLID
- D Other