

AUSTRALIA - WEST COAST
WESTERN AUSTRALIA
**OCEAN REEF
TO
CAPE PERON**
SCALE 1 : 75 000

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
Universal Transverse Mercator.

SOURCES
From the latest information available to Department of Transport (DOT), 2009.

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

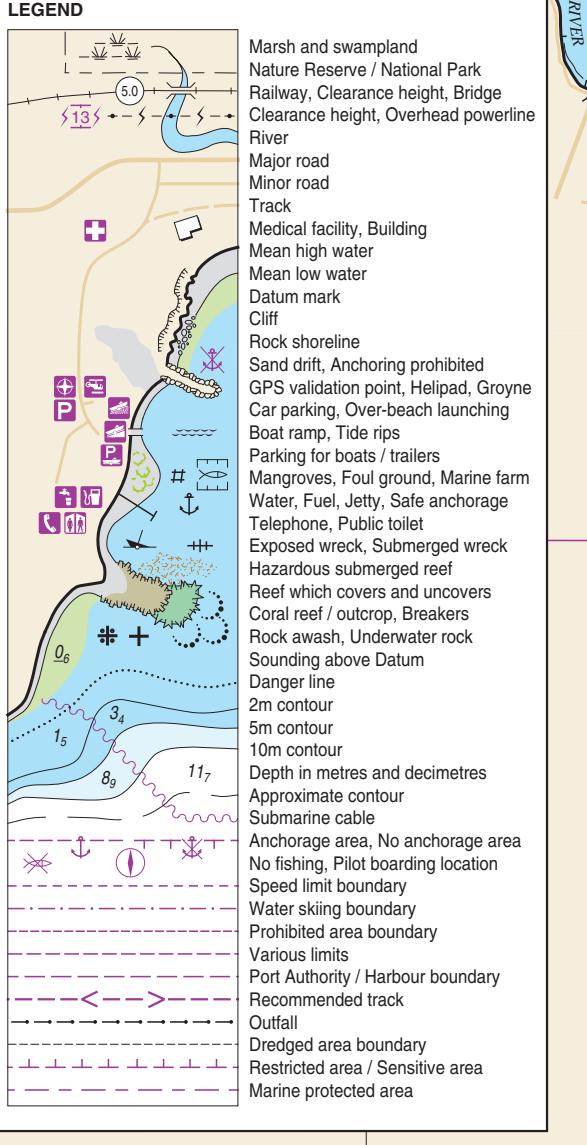
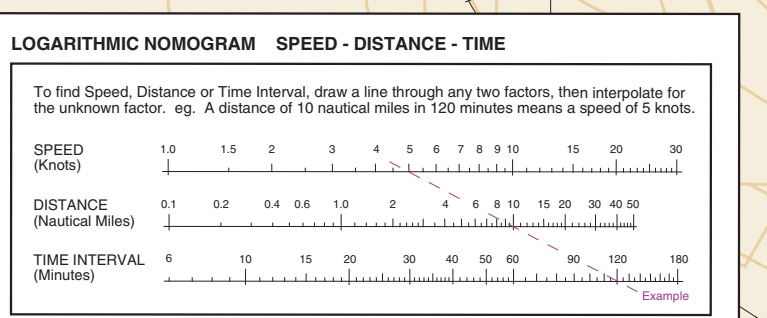
CHART AMENDMENTS
The information provided on this chart is correct at time of publication. As this information is subject to change, ensure the latest version of the chart is used at all times and is kept up-to-date with reference to the following:

Notices to Mariners
Changes of a safety or navigational nature will be reflected in Notices to Mariners. Current Notices are available from DOT's chart sales offices, approved chart agents and at <http://www.transport.wa.gov.au/notice/coastaldata/>.
Navigable Waters Regulations
Changes to Navigable Waters Regulations are published in the Western Australian Government Gazette. Regulations for Navigable Waters can also be found at <http://www.wa.gov.au/gazette/gazette.nsl>.
Marine Protected Areas
Refer to Department of Fisheries and Department of Environment and Conservation publications for the latest information.

- CAUTION NOTES**
1. Submarine Cables - A number of disused submarine cables continue in a north-westerly direction and present a possible hazard to the anchoring of vessels.
 2. Some channel navigation aids have been omitted. Refer to large scale chart.
 3. During moderate swell seas may break over depths of about 6 metres.
 4. Aquaculture - Mariners are advised that floating and submerged hazards exist in this area. Special Marks identify areas of operation.
 5. Obstruction of Channels and Leading Lines. Craypots - The setting of craypots and other fishing gear on leading lines, adjacent to navigation marks, in navigation channels, and boat harbours poses a very real danger to safe navigation. Offences may result in removal of equipment and prosecution.
 6. Obstruction at 32°09'13.00"S 115°04'42.00"E is a protected heritage site.
 7. All vessels are to remain outside the area. Possible penalties apply for any interference to features above and below sea level.
 8. Unexploded Ordnance area with radius 463m centred on 31°58'29"S 115°32'10"E is safe for surface navigation only. It is not safe for anchoring, trawling or seabed activities.
 9. Pinnacles and Success Banks are subject to seasonal shoaling, mariners are advised to navigate with caution.

TIDAL INFORMATION AND SOUNDING DATUM

Place	Lat	Long	HAT	MSL	MLWS	MLLWS	LLWS	Sounding and Total Datum
FREMANTLE	32°03'	115°44'	1.36	0.98	0.80	0.76	0.55	0.21 3.32m below NAFWRA
ROTTNEST	32°00'	115°34'	1.42	0.91	0.66	0.68	0.54	0.44 2.84m below BM PWD A283



- 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 (V) = Group-flash
 - Q = Quick-flash
 - LF = Long-flash
 - OC = Occulting
 - Is = Isophase
 - G = Green
 - R = Red
 - W = White
 - Y = Yellow
 - Bu = Blue
 - s = Period in seconds
 - M = Luminous range in nautical miles

NATIONAL PARKS AND NATURE RESERVES
National Parks and Nature Reserves are gazetted for the Protection of Flora, Fauna and Landscapes values. Dumping of rubbish, lighting of fires (including ground fires), firearms, jets, removal of rocks, soil and timber, driving off established tracks and disturbance of flora and fauna are all prohibited in National Parks and Nature Reserves. Camping is only allowed in gazetted areas of National Parks. Refer to Department of Environment and Conservation publications for further information on parks and reserves.

LEEUEWIN CURRENT
The Leeuwin Current is most predominant during May to August with a surface current generally less than 1 knot. It has an average width of 30 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 V.

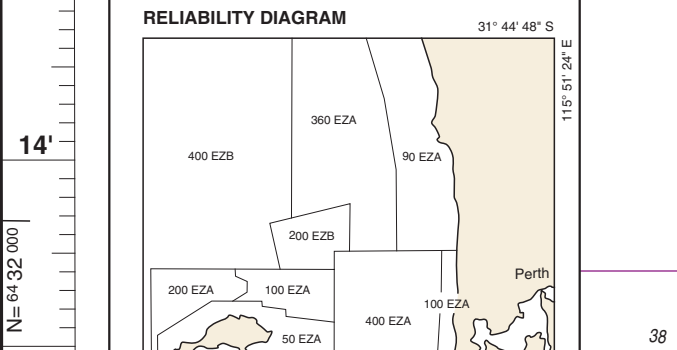
WESTERN ROCK LOBSTER FISHERY
Between November and June, extensive lobster fishing takes place between latitude 24°S and 34°S. Mariners are advised to keep well clear of lobster pot fields and submerged lines.

FISHING
Fishing regulations apply throughout Western Australia. Refer to Department of Fisheries 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 of the wreck 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.

CAUTION
Overhead powerlines exist at various locations over waterways on this chart.



- KEY TO SYMBOLS**
- 400 Distance apart of sounding lines (metres)
 - L Lead Line depths
 - E Echo Sounding depths
 - O Optical position fixing
 - Z Electronic position fixing
 - S Sonar sweep
- Authorities**
- A Department for Planning and Infrastructure
 - B Royal Australian Navy