

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

DEPTHS
Depths are shown in metres and decimetres, reduced to Sounding Datum, which is approximately Lowest Low Water.

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

POSITIONS
Positions are related to the Map Grid of Australia, Zone 50, based on GDA 94. For GPS use, this approximates WGS 84.

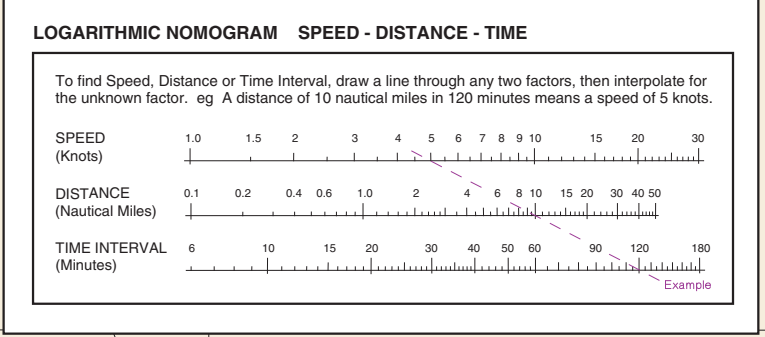
SOURCES
From the latest information available to Transport, including Royal Australian Navy surveys to 1985 and Transport surveys of 1991.

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

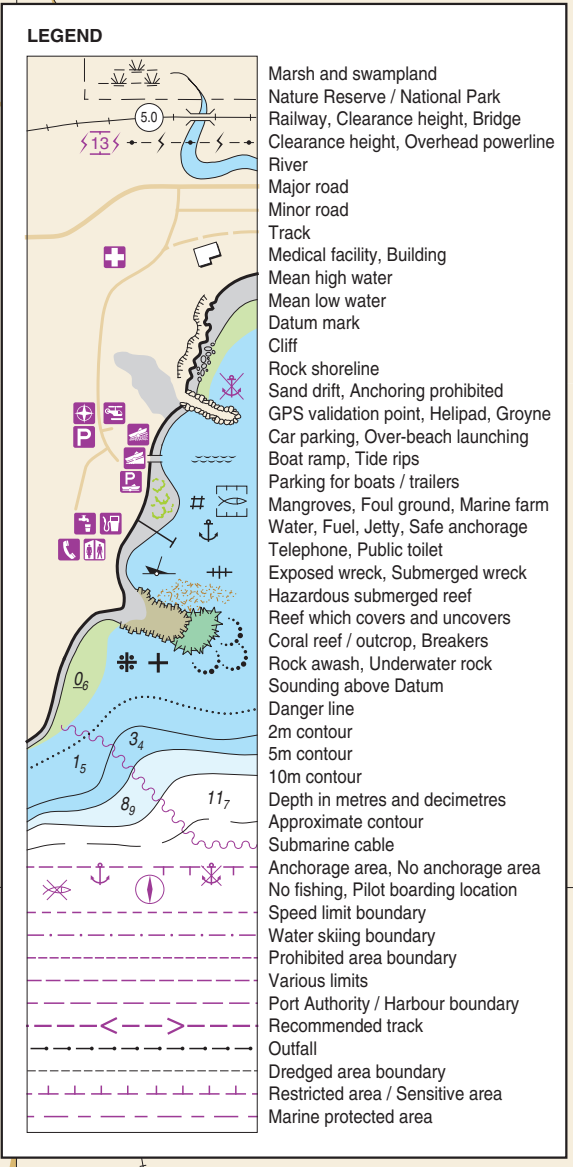
NOTICES TO MARINERS
The information provided on this chart is subject to change. All such changes of a safety or navigational nature will be promulgated. Ensure that the latest edition of the chart is used at all times, and kept corrected with the relevant Notice to Mariners. Current Transport Notices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

TIDAL INFORMATION AND SOUNDING DATUM

Place	Lat	Long	HAT	MHW	MLW	MSL	MLLW	MLLW	LAT	Sounding and Tidal Datum
Cliffhead	11°54' 29" S	134° 09' 07" E	0.99	0.78	0.76	0.68	0.54	0.19		Approx. 5 metres below MLLW



The location of points on this chart are referenced to the Geocentric Datum of Australia 1984 (GDA84) and will differ by approx. 200m to the same points shown on charts referenced to the Australian Geodetic Datum 1984 (AGD84). All heights remain the same. For further information, contact Department of Land Administration on (08) 9273 7111.



- NAVIGATION MARKS**
- Major light, minor light
 - Beacon, port, starboard
 - Safe water, isolated danger
 - Spar buoy, port, starboard
 - Pillar buoy, port, starboard
 - Mooring buoy, yachting mark
 - Lead, front, rear
- CARDINAL MARKS**
- Indicates safe water from to the North
 - Indicates safe water from to the South
 - Indicates safe water from to the East
 - Indicates safe water from to the West
- LIGHT CHARACTERISTICS**
- Colour of light is white unless otherwise stated
- F = Fixed
 - Fl = Flashing
 - Fl() = Group flash
 - Q = Quick flash
 - LF = Long flash
 - OC = Occulting
 - Is = Isophase
 - Indicates lit navigation mark
 - G = Green
 - Y = Yellow
 - Bu = Blue
 - R = Red
 - V = Yellow
 - Bu = Blue
 - s = Period in seconds
 - m = Focal plane height above MHHW
 - M = Luminous range in nautical miles

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.

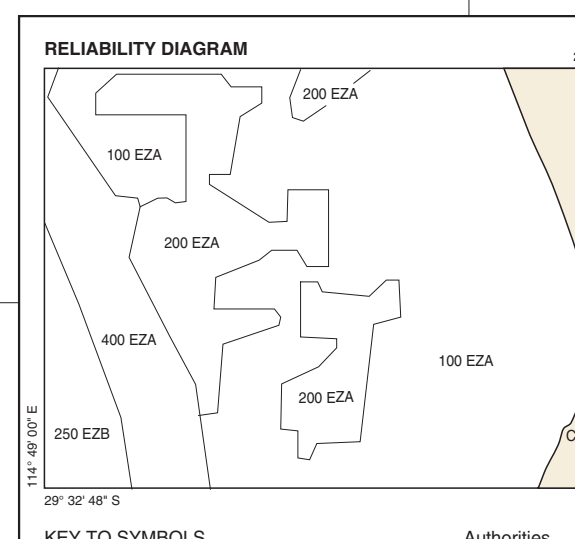
LEEUEWIN CURRENT
The Leeuwin Current is most predominant during May - August with a surface current generally less than 1.0kn. It has an average width of 30 nautical miles and extends to a depth of approximately 200 metres, carrying warm, low salinity water from the North West Shelf area along the continental 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 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 floats 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.



- KEY TO SYMBOLS**
- 400 Distance apart of main soundings in metres
 - L Lead Line depths
 - E Echo Sounder depths
 - C Optical position fixing
 - Z Electronic position fixing
 - S Sonar sweep
 - R Reconnaissance or incomplete survey
- Authorities**
- A Transport
 - B Royal Australian Navy
 - C AUSLIG
 - D Other