

NAVIGATION MARKS

- Lighthouse, major, minor light
- Beacon, port, starboard
- Safe water, isolated danger
- Spar buoy, port, starboard
- Pillar buoy, port, starboard
- Moorings buoy, yachting buoy
- Lead, front, rear

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 (G) = Group-flashing
- Q = Quick-flashing
- LF = Long-flashing
- Oc = Occulting
- Is = Isophase

INDICATES LIGHT NAVIGATION MARK

- G = Green
- Y = Yellow
- Bl = Blue
- s = Period in seconds
- m = Focal plane height above MHW
- Is = 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 1.0kt. 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

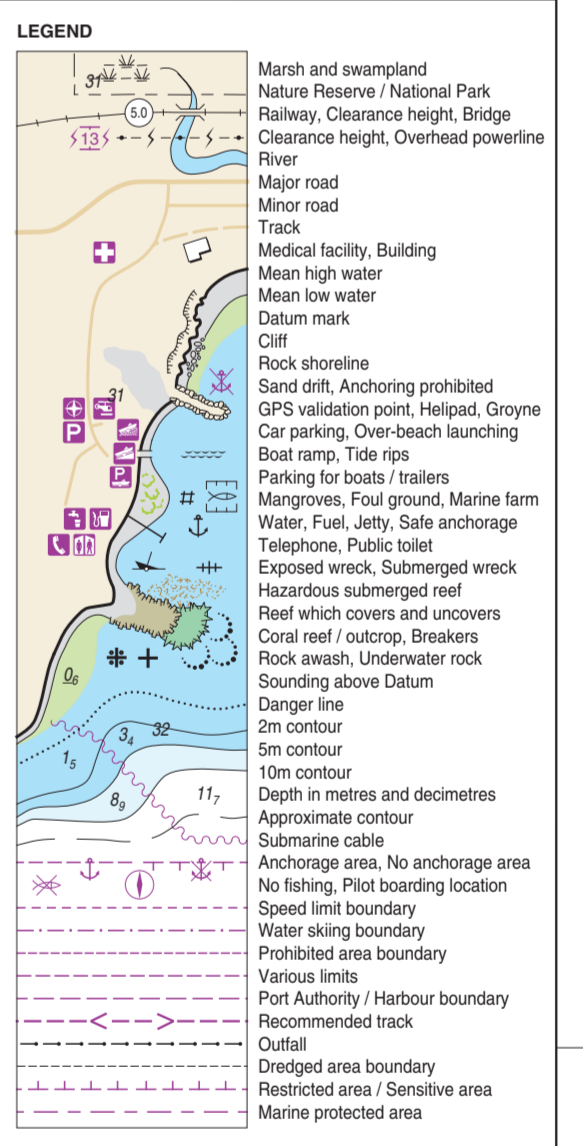
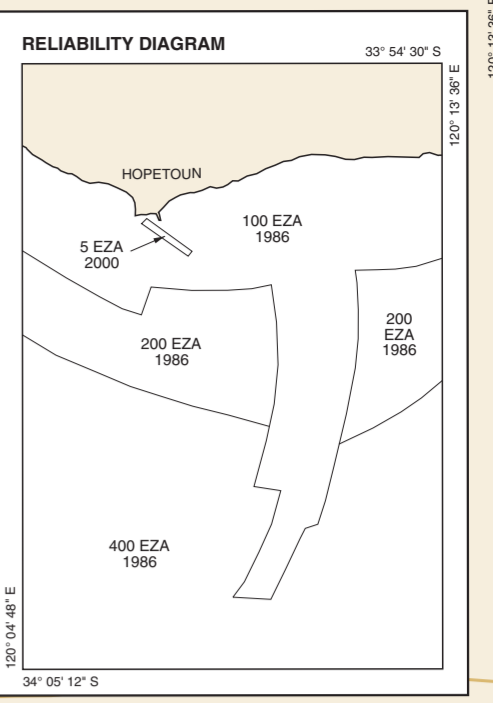
The representation on this chart of any road or track is not necessarily evidence of a Public Right of Way.

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.

SPEED CONVERSION TABLE

Nautical Miles Per Hour (Knots)	4	5	6	8	10	12	15
Miles Per Hour (Mph)	4.6	5.7	6.9	9.2	11.5	13.8	17.3
Kilometres Per Hour (Kph)	7.4	9.2	11.1	14.8	18.5	22.2	27.7



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 depths and heights remain the same. For further information, contact Department of Land Administration on (08) 9273 7133.

AUSTRALIA - SOUTH COAST
WESTERN AUSTRALIA
HOPETOUN
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 related to the Map Grid of Australia, Zone 51, based on GDA 84. For GPS use, this approximates WGS 84.

PROJECTION
Transverse Mercator.

SOURCES
From the latest information available to Department for Planning and Infrastructure (DPI), including DPI surveys of 1986 and 2000.

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.

TIDAL INFORMATION AND SOUNDING DATUM

Place	Lat	Long	Heights in metres above datum	Sounding and Total Datum
	S	E	HAT (mean) (mean) (low) (low)	
HOPETOUN	33°57'	120°07'	1.50 1.21 0.88 0.84	0.73 0.54 0.11 4.50m below PWD BM AS35

LOGARITHMIC NOMOGRAM SPEED - DISTANCE - TIME

To find Speed, Distance or Time Interval, draw a line through any two factors, then interpolate for the unknown factor. eg. A distance of 10 nautical miles in 120 minutes means a speed of 5 knots.