

Contacts details

Department of Transport
Marine Safety Hotline: 1300 863 308
Email: marine.safety@transport.wa.gov.au
Website: www.transport.wa.gov.au/marine
Mandurah Office: 9583 7800

Department of Fisheries
Fisheries and Marine Patrol Mandurah: 9583 7800
Fishwatch: 1800 815 507
Website: www.fish.wa.gov.au

Police
Mandurah: 9581 0222
Pinjarra: 9531 1666
Water Police: 9442 8600

Mandurah Water Rescue
9535 4789

Mandurah Offshore Fishing and Sailing Club
9535 6251

City of Mandurah
Rangers: 9581 2772
Marina Manager: 9550 3707

Shire of Murray
9531 1755

Department of Environment and Conservation
9582 9333

Waters and Rivers
9550 4222

Hospital
Peel Health Campus: 9531 8000
Murray Hospital: 9531 7222

Boating Weather Forecast
1900 955 350
Website: www.bom.gov.au

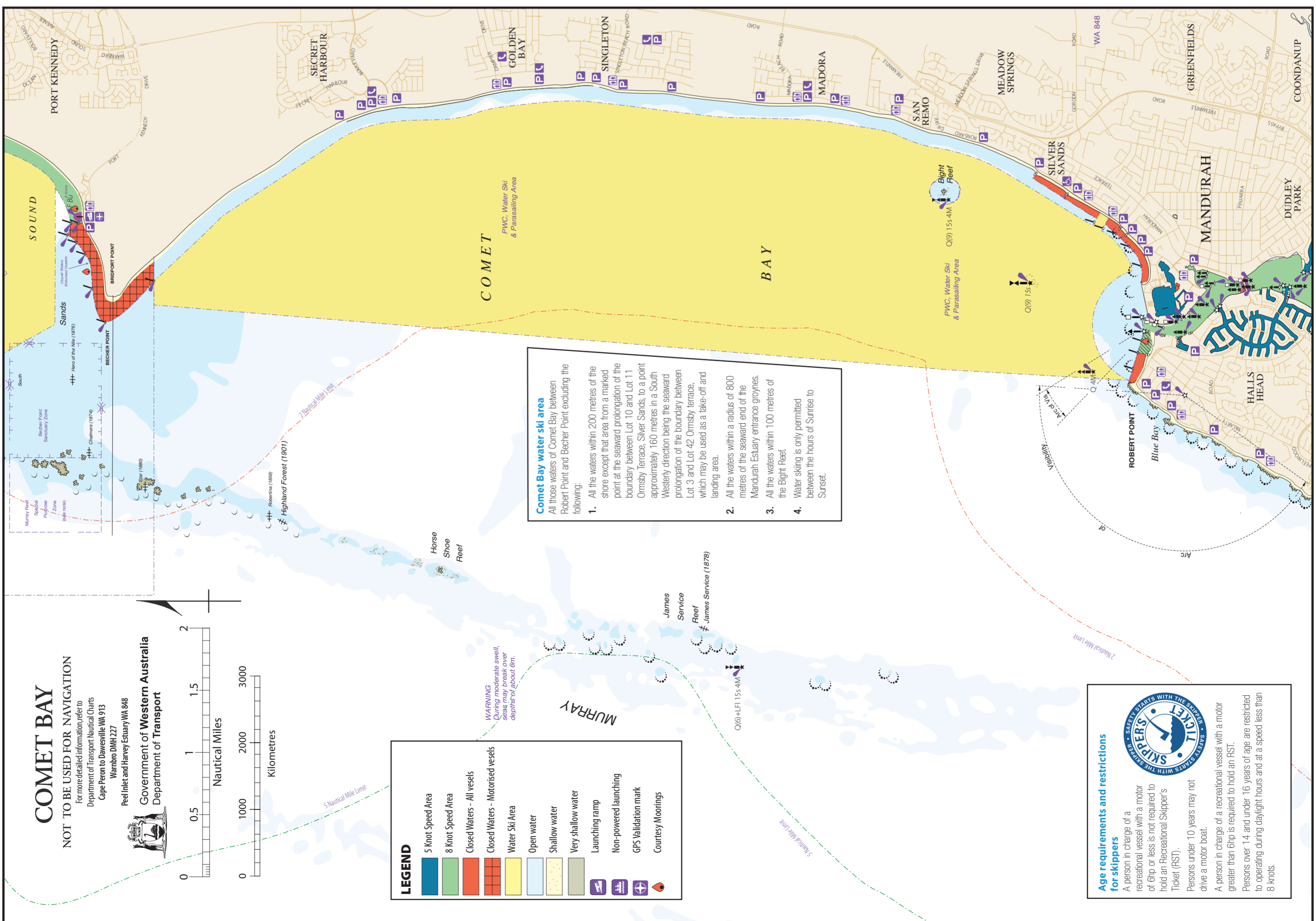
Safety Equipment

Equipment	Over 5 Nautical Miles from the mainland shore	2-5 Nautical Miles from the mainland shore	0-2 Nautical Miles from the mainland shore	Protected Waters (lakes, rivers, estuaries, Lake Argyle)
Recreational Skipper's Ticket The skipper of a recreational vessel, powered by a motor greater than 4.5 kW (6 hp) must hold an RST.	✓	✓	✓	✓
Blow Pump/Bailer All vessels must carry a blow pump. Vessels under 7 metres may carry a bailer in lieu of a blow pump.	✓	✓	✓	✓
Fire Extinguisher Vessels with an inboard engine or carrying hydrocarbon heating or cooling appliances must carry an approved fire extinguisher.	✓	✓	✓	✓
Anchor and line An anchor and line must be carried.	✓	✓	✓	✓
Lifejacket A lifejacket bearing the label 'PFD' or 'Life Jacket' (standard AS/NZS 1511) must be carried for every person on board.	✓	✓	✓	✓
Red and Orange Flares Two hand held orange flares must be carried. Two parachute flares may be carried in lieu of the two hand held red flares; and a smoke canister may be carried in lieu of the orange flares.	✓	✓	✓	✓
EPRB A 405 MHz EPRB registered with ANSA bearing the standard AS/NZS 4290.1 must be carried if proceeding more than 2 miles from the mainland shore or more than 400 metres from an island located more than 2 miles from the mainland shore.	✓	✓	✓	✓
Parachute Flares A minimum of two parachute flares must be carried if operating more than 1 mile from an island located more than 5 miles from the mainland shore.	✓	✓	✓	✓
Marine Radio A marine radio must be carried if operating more than 5 miles from the mainland shore or more than 1 mile from an island located more than 5 miles from the mainland shore. The radio can be 27 MHz, VHF or HF.	✓	✓	✓	✓

The information contained in this publication is provided in good faith and believed to be accurate at time of publication. The State shall in no way be liable for any loss sustained or incurred by anyone relying on the information.

April 2013

RSE-0213



Age requirements and restrictions for skippers

A person in charge of a recreational vessel with a motor of 6hp or less is not required to hold an Recreational Skipper's Ticket (RST).

Persons under 10 years may not drive a motor boat.

A person in charge of a recreational vessel with a motor greater than 6hp is required to hold an RST.

Persons over 14 and under 16 years of age are restricted to operating during daylight hours and at a speed less than 8 knots.

MANDURAH INLAND WATERS

NOT TO BE USED FOR NAVIGATION

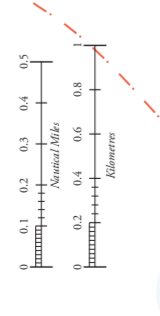
Refer to the Department of Transport's Navigational Charts

Peel Inlet and Harvey Estuary WA 848

Barrup WA 755

Cape Peron to Dawesville WA 813

Government of Western Australia
Department of Transport

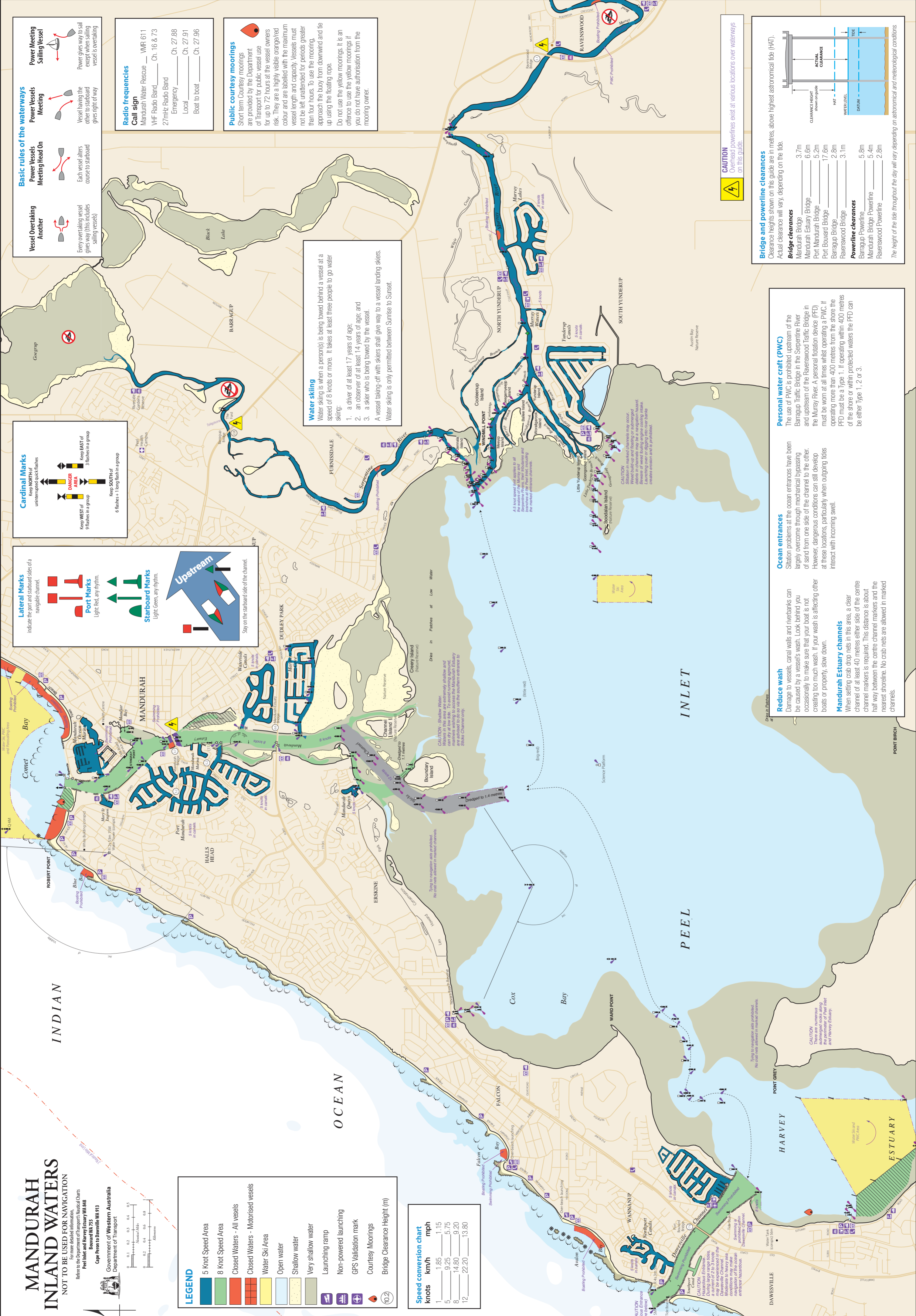


LEGEND

- 5 Knot Speed Area
- 8 Knot Speed Area
- Closed Waters - All vessels
- Closed Waters - Motorised vessels
- Water Ski Area
- Open water
- Shallow water
- Very shallow water
- Launching ramp
- Non-powered launching
- GPS Validation mark
- Courtesy Moorings
- Bridge Clearance Height (m)

Speed conversion chart

knots	km/h	mph
1	1.85	1.15
5	9.25	5.75
8	14.80	9.20
12	22.20	13.80



Basic rules of the waterways

- Power Meeting Sailing Vessel Meeting**
Power gives way to sail except when sailing vessel is overtaking
- Power Vessels Meeting Head On**
Each vessel alters course to starboard
- Vessel Overtaking Another**
Every overtaking vessel gives way (this includes sailing vessels)

Radio frequencies

Call sign
Mandurah Water Rescue — VMR 611
VHF Radio Band — Ch. 16 & 73
27MHz Radio Band
Emergency — Ch. 27.88
Local — Ch. 27.91
Boat to boat — Ch. 27.96

Public courtesy moorings

Short term Courtesy moorings are provided by the Department of Transport for public vessel use for up to 72 hours at the vessel owners risk. They are a highly visible orange/red colour and are labelled with the maximum vessel length and capacity. Vessels must not be left unattended for periods greater than four hours. To use the mooring, approach the buoy from downwind and tie up using the floating rope. Do not use the yellow moorings if you do not have authorisation from the mooring owner.

Water skiing

Water skiing is when a person(s) is being towed behind a vessel at a speed of 8 knots or more. It takes at least three people to go water skiing:

1. a driver of at least 17 years of age;
2. an observer of at least 14 years of age; and
3. a skier who is being towed by the vessel.

A vessel taking off with skiers shall give way to a vessel landing skiers. Water skiing is only permitted between Sunrise to Sunset.

Cardinal Marks

Keep NORTH of interrupted quickflashes
Keep WEST of 9 flashes in a group
Keep EAST of 3 flashes in a group
Keep SOUTH of 6 flashes + 1 long flash in a group

Lateral Marks

Indicate the port and starboard sides of a navigable channel.
Port Marks Light: Red, any rhythm.
Starboard Marks Light: Green, any rhythm.

Upstream
Stay on the starboard side of the channel.

Bridge and powerline clearances

Clearance heights shown on this guide are in metres, above highest astronomical tide (HAT). Actual clearance will vary, depending on the tide.

Bridge	Clearance
Barrup Bridge	3.7m
Mandurah Bridge	6.6m
Port Mandurah Bridge	5.2m
Port Bouvard Bridge	17.6m
Barrup Bridge	2.8m
Ravenswood Bridge	3.1m

Powerline	Clearance
Barrup Powerline	5.8m
Mandurah Bridge Powerline	5.4m
Ravenswood Powerline	2.8m

The height of the tide throughout the day will vary depending on astronomical and meteorological conditions.

Personal water craft (PWC)

The use of PWC is prohibited upstream of Barrup Traffic Bridge in the Serpentine River and upstream of the Ravenswood Traffic Bridge in the Murray River. A personal flotation device (PFD) must be worn at all times whilst operating a PWC. If operating more than 400 metres from the shore the PFD must be a Type 1. If operating within 400 metres of the shore or within protected waters the PFD can be either Type 1, 2 or 3.

Ocean entrances

Siltation problems at the ocean entrances have been largely overcome through mechanical bypassing of sand from one side of the channel to the other. However, dangerous conditions can still develop at these locations, particularly when outgoing tides interact with incoming swell.

Reduce wash

Damage to vessels, canal walls and riverbanks can be caused by a vessel's wash. Look behind you occasionally to make sure that your boat is not creating too much wash. If your wash is affecting other boats or property, slow down.

Mandurah Estuary channels

When setting crab drop nets in this area, a clear channel of at least 40 metres either side of the centre channel markers is required. This distance is about half way between the centre channel markers and the nearest Shoreline. No crab nets are allowed in marked channels.

CAUTION

Overhead powerlines exist at various locations over waterways on this guide.

A 2 knot speed limit applies to all boats in the area...
CAUTION: Hazardous conditions may exist in the area...
CAUTION: Hazardous conditions may exist in the area...

CAUTION: Shallow Water...
CAUTION: Hazardous conditions may exist in the area...

CAUTION: Hazardous conditions may exist in the area...