

WARNING: OVERHEAD AND SUBMARINE CABLES AND PIPES CROSS THESE WATERWAYS AT VARIOUS LOCATIONS AND ARE USUALLY INDICATED BY WARNING NOTICES ON THE SHORE. CAUTION SHOULD BE EXERCISED AT ALL TIMES WHILE NAVIGATING IN THE VICINITY OF THESE CROSSINGS.

**BOATING ENQUIRIES**  
Infoline: 13 12 56  
[www.maritime.nsw.gov.au](http://www.maritime.nsw.gov.au)

Note: Lit navigation aids exhibit standard flash patterns, unless otherwise indicated.

Note: Some navigation aids shown hereon exhibit a 3 digit identifying number. Please use this number to report faulty nav aids or your position in an emergency.

Caution: North Creek is very shallow with shifting channels and unmarked hazards.

Note: Contours at 10 metre intervals are shown courtesy of Department of Lands. For detailed land based information refer to Land Information Centre topographic maps. Visit their web site [www.lands.nsw.gov.au](http://www.lands.nsw.gov.au) for further information.

Note: Vandalism of navigation aids is illegal and dangerous as it could lead to serious accidents. Please report incidents of vandalism to the NSW Maritime Info Line on 13 12 56. A penalty applies for interference, damage or mooring against aids to navigation.

Note: General information such as caravan parks, hotels, motels, picnic grounds and public toilets etc. are indicated as a guide only. Not all can be shown in some areas.

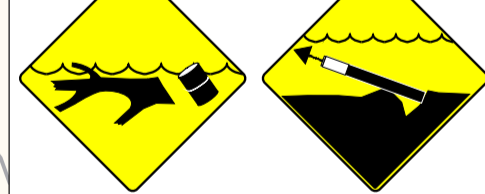
Note: Bridge clearance heights shown in RED are in metres above mean high water. No skiing or aquaplaning in the vicinity of any bridge.

NOTE: The whole of North Creek Canal, Fishery Creek, Boat Harbour and Ballina Quays Estate are FOUR KNOT and NO WASH zones.

Agricultural Research Station

**ALCOHOL**  
Skippers must keep under 0.05

**WARNING**  
HAZARDS INCREASE AFTER FLOODS AND HIGH TIDES



FLOATING DEBRIS AND HAZARDS  
DAMAGED OR MISSING NAVIGATION MARKERS

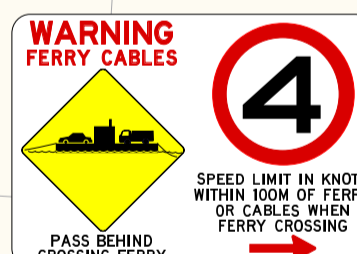
AFTER HEAVY RAINFALL OR KING TIDES DEBRIS AND OTHER HAZARDS MAY ENTER THIS WATERWAY

FOLLOWING A FLOOD EVENT NAVIGATION MARKERS MAY BE OUT OF POSITION OR MISSING

PLEASE NAVIGATE AT A SAFE SPEED AND MAINTAIN A PROPER LOOKOUT

REPORT ANY NEW HAZARDS  
13 12 56  
[www.maritime.nsw.gov.au](http://www.maritime.nsw.gov.au)

Note: Some leads shown on this map have red painted triangular daymarks.



Note: A speed limit of 4 knots must be observed when within 100 metres of any dredge, floating plant, ferry or punt working with chains and wires.  
Warning: 23.5m Vessel Height

Note: Global Positioning System check point as shown by GPS\* is in WGS.84 co-ordinates to an accuracy of +/- 5 metres. Equipment should be checked against this point to determine any gross errors prior to any seaward journey. Depending on equipment, errors of up to 100 metres is not uncommon.

Note: GPS\*  
South East corner Johnson Drive Pontoon Jetty, North Creek Canal  
028 deg. 51.893 min.S  
153 deg. 32.821 min.E  
End South East face of jetty at angle Boat Harbour Fuel Jetty  
028 deg. 52.044 min S  
153 deg. 32.675 min.E

Notes: Recommended seaward limit for vessels with low powered engines. Due to swimming activities, idle speed only east of the sailing club boat launching ramp. Shallow silted conditions make launching difficult at low tides at this ramp.

**EPIRB**  
Make sure you have a 406MHz beacon.

**NIGHT SAFETY**  
Be bright, be seen; show your nav lights.

**WARNING**  
THE WATERS OF THIS BAR ARE DANGEROUS  
NAVIGATE WITH CARE  
WEARING LIFEJACKETS IS COMPULSORY  
PENALTIES APPLY

Entrance Leads - front and rear  
Fixed Blue vertical strip  
orange rectangular daymarks.

WARNING: The bar is extremely dangerous and should only be navigated by those possessing expert local knowledge. The most favourable time to cross is on the slack water following the flood tide.

Note: It is compulsory to carry certain safety equipment, including a lifejacket type 1 for all on board, whilst navigating in the open sea. It is also compulsory that lifejackets be worn while crossing all entrance bars shown on this map. Further information on what you should carry can be found in the NSW Maritime Safe Boating Handbook available from all NSW Maritime offices or visiting [www.maritime.nsw.gov.au](http://www.maritime.nsw.gov.au)

See Nautical Charts AUS 220 & 813 and NSW Maritime Coastal Boating Map No.2 for further information.



**YOU'RE THE SKIPPER  
YOU'RE RESPONSIBLE!**

WARNING: BOMBORAS CAN BREAK AT ANYTIME AT VARIOUS LOCATIONS ALONG THE COAST. EXTREME CAUTION SHOULD BE EXERCISED WHILST NAVIGATING IN THE VICINITY OF ANY SHOAL, REEF OR BOMBORA.

Continues on Main Map and INSET 2.