MAP OF

Lower Hawkesbury River, Berowra, Patonga and Mooney Mooney Creeks

0 100 200 300 400 500 1000 m

Line symbols

Overhead Cable Crossing — Structure — Oyster Lease Aquaculture — Recommended Navigation Path

Restricted Waters

4 Knots Zone — 8 Knots zone — No Skiing or Aquaplaning

Navigation Aids

Starboard Pile Beacon N/M — Starboard Pile Beacon with TM — Port Pile Beacon N/M — Port Pile Beacon with TM — South cardinal pile beacon — East cardinal pile beacon — Special pipe beacon — Lit offset beacon no top mark — Lit Starboard Beacon with TM — Lit port beacon no top mark — Lit Port Beacon with TM — Lit south cardinal beacon — Lit east cardinal beacon — Lit west cardinal beacon — Lit special mark beacon — Special Mark Aqua Buoy — Pink Beacon Public Mooring — Blue Beacon Boxy Police — Lit Mid Buoy No Top Mark — Lit Port Buoy No Top Mark — Lit Special Mark Can Buoy

Restricted Activities and Cautions

Dangerous Area Breaks at Times — Visable Wreck — Sub Surface Obstructions — No Wash Zone — No Skiing or Aquaplaning Zone — Four Knot Speed Limit Area — Eight Knot Speed Limit Area — Warning Overhead Power Cables — Caution Shallow Water — Caution Submerged Rocks — No Anchoring Submarine Cable

Boating Facilities

Uniformed or Hand Launching Area — Formed Surface Launching Ramp — Launching Ramp Parking & Facilities — Fuel Available — Public Wharf Jetty or Landing — Marina Boatshed or Boat Hire — Public Vessel Pumpout Facility — Private Vessel Pumpout Facility

General Information

Pool monument or feature — Windsoven or fish cleaning — Public telephone — Public Toilet — Known Medical Evacuation Area — Caravan Park — Camping Ground — Hotel — Post Office — Picnic Ground Facilities — Marine Rescue NSW Base — Direction of Buoyage — Tourist Info Centre or Sign

Water depth in metres: 0, 2, 5, 10, 20, 40

Land — Sand — Nat.Pk. — Park — Mangroves

NSW GOVERNMENT | Maritime

DISCLAIMER! This map is not intended to be used for navigational purposes and NSW Maritime takes no responsibility for the accuracy of the content herein.

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The local office of NSW Maritime is situated at: 4 Bridge Rd, Hornsby NSW 2077. Telephone 9477 6600.

Continues on reverse side.

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.

Warning: Extensive oyster farms exist in Mooney Mooney Creek

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

Note: Further information on water quality and seagrass etc, visit www.estuary.hornsby.nsw.gov.au

Note: Visit www.dsr.nsw.gov.au for further information

See Note: GPS* Outer Pontoon mooring pile, Deerubbun Reserve Mooney Mooney 33 deg. 32.045 min S 151 deg. 11.837 min E.

Note: Mooney Mooney Workers Club jetty is the designated Medical Evacuation point for the mid Hawkesbury River area in times of emergency.

NOTE: STOP THE SPREAD OF INVASIVE SEAWEED

Caulerpa Taxifolia has been identified in these waters.

Please ensure your boat, equipment and fishing gear are free of any trace of this seaweed before visiting any other waterway. Further information can be found on website www.dpi.nsw.gov.au/fisheries

Warning: Extensive oyster farms in Marramarra Ck., Coba and Kimmerikong Bays.

Caution: Depth contours have been compiled from information supplied by Department of Commerce and are indicative only. They can change over time.

THE NATIONAL PARKS AND WILDLIFE CODE

* Guard against all risks of fire.
* Avoid damage to wildflower, vegetation, earth and rock formations.
* Place all rubbish in containers provided.
* Leave firearms and pets outside your park.
* Drive carefully and observe speed limits.

Continues on INSET 2.

SEE INSET 1.

HAWKESBURY RIVER - Distance Information

Peats Ferry Bridge to Broken Bay - 17km

Peats Ferry Bridge to Spencer - 15km

Warning: Extensive oyster farms exist in Mullet Creek. Beware of overhead power cables running adjacent the western shoreline.

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.

Caution: Shallow waters (less than 2 metres depth), can contain seagrass and other sensitive fish habitats, which are at risk of damage from boat propellors. Please exercise care when navigating or anchoring in shallow waters and avoid damaging or disturbing seagrass beds.

Caution: Old bridge pylons.

Dangar Island Ferry Service & Riverboat Postman phone 9985-7566 for further information.

See Seagrass Caution note

Caution: Oyster Leases

Note: Bridge clearance heights shown in RED are in metres above mean high water.

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

Note: Grid Datum is Geocentric Datum of Australia - 1994, which is approximately equivalent to WGS-84.

Warning: Extensive oyster farms exist in Porto Bay

Caution: Depth contours have been compiled from information supplied by Department of Commerce and are indicative only. They can change over time.

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: Further information on water quality and seagrass etc, visit www.estuary.hornsby.nsw.gov.au

Many walking tracks exist within Ku-ring-gai Chase National Park, refer to web site www.environment.nsw.gov.au or visit the Kalkari Visitor Centre, open 7 days, phone (02)9457-9853 for further information.

Map 9A Joins

Note: Visit www.dsr.nsw.gov.au for further info.

See Nautical Charts AUS 215, 216 217 & 204 and NSW Maritime Coastal Boating Map No.9 for further information.

Smooth Water Plying Limit

Hawkesbury River and Cowan Creek

YOU'RE THE SKIPPER YOU'RE RESPONSIBLE!

WEAR IT!

INSET 1

Note: Some launching ramps shown hereon are commercially operated or are for emergency use only.

Caution: Mooring area.

Dangar Island Ferry Service & Riverboat Postman phone 9985-7566 for further information.

INSET 2

Indicates the number of visitor moorings available.

Note: Further information on water quality and seagrass etc, visit www.estuary.hornsby.nsw.gov.au

Note: The vehicular ferry operates 24 hours, 7 days. Closed for maintenance noon to 2.30pm second Tuesday each month.

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 or wires.

Caution: Overhead Power Cables in the vicinity of the Launching Ramp.

Caution: Mooring Area

Ambulance pick-up point

Neales boat storage 1 km.

Map generated by MapWizard on 29 November 2010 by Mitch Holland