

Shipping & Transport – Tow Boat Reserves

description

This atlas page identifies the location of tow boat reserves, which were put in place by the Province of British Columbia at the request of the Council of Marine Carriers to ensure that certain harbours remain available as places of refuge for tugs towing booms and barges up and down the BC Coast. These harbours need to be of adequate size, be located along commercial navigation routes and provide adequate shelter to accommodate the tug and the load being towed. Certain harbours were identified as critical harbours because they meet the size, location and shelter criteria required. To ensure the harbour remains available as a harbour refuge, shoreline development is restrained and commercial traffic is provided priority anchorage. The tow boat reserves do not appear on Marine Charts. Some reserves include some shoreline development such as jetties and wharfs. Reserve use is variable with some sites being used only occasionally but all sites are important to maintaining safe navigation and ensuring adequate refuge for commercial marine traffic.

Tow boat reserves are set aside to provide temporary shelter for tugs and their tows during inclement weather or when waiting for favourable tides. To ensure these reserves are protected, the tow boat reserves were mapped to provide location information to Navigable Waters Protection Division (NMPD), Marine Branch, Transport Canada for consideration during navigational reviews and decisions made by the Marine Branch, Transport Canada.

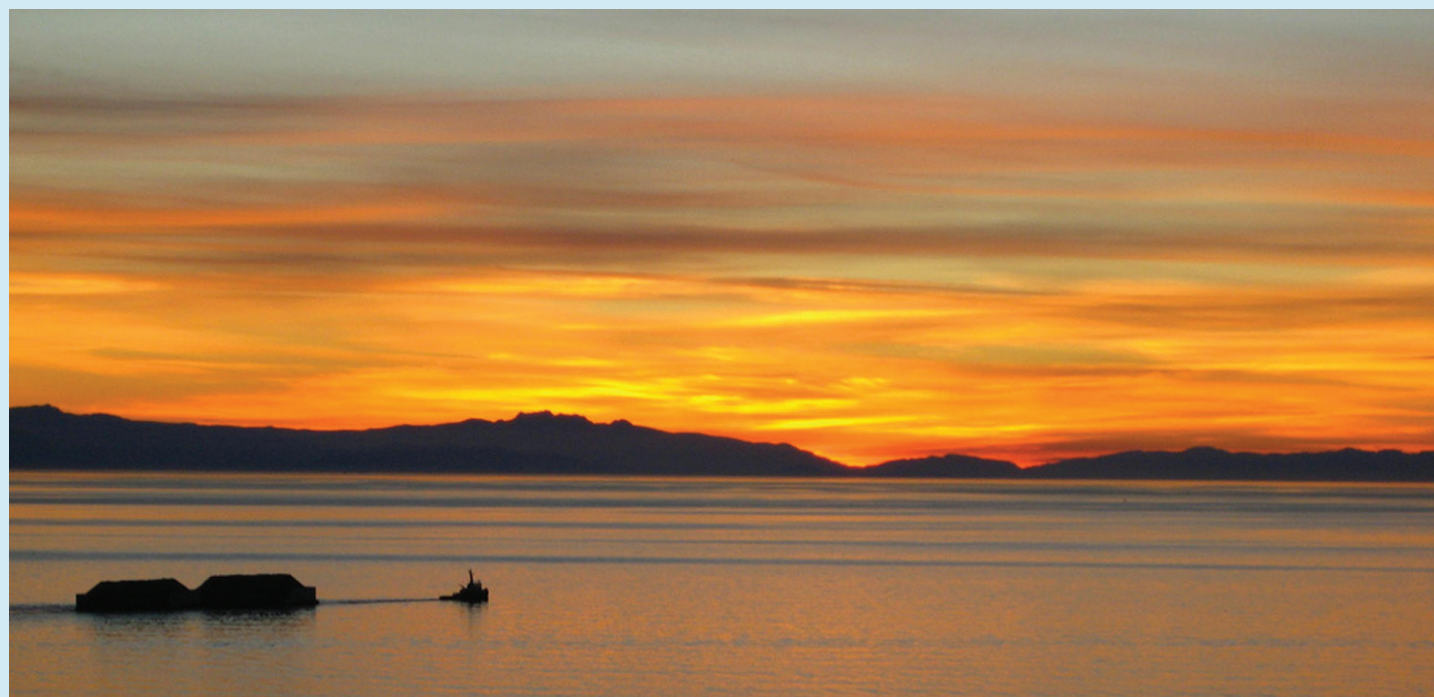


PHOTO: FLICKR USER "Cahidai"

data sources

- Transport Canada Pacific Region, Marine Branch, Navigable Waters Protection Division

data resolution

- Locations incorporate error of +/- 300 metres.

date compiled

- 2007

reviewers

- Brian Simms and Captain Phillip Nelson, Council of Marine Carriers

reviewer comments

- None provided.

caveats of use

- Data are based on a 1966 original drawing/map of reserves.
- Recommended date of expiry for use of these data in a marine planning context: None provided.

map, feature data and metadata access

- Visit www.bcmca.ca/data for more information.



BCMCA Atlas

Shipping & Transport

Tow Boat Reserves

- Legend**
- Tow Boat Reserves

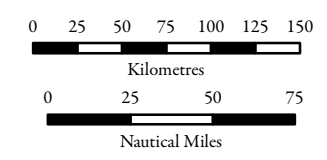
Note:
- The size of the reserves has been exaggerated slightly to increase visibility at this scale.

Data Sources:
Transport Canada

Base Data:
ESRI Base Data, GeoBase, GeoBC, NOAA, Natural Resources Canada, USGS, Washington State Government

Thematic Data:
For more information on data sources and methods please refer to the facing page to this map

Projection: BC Albers NAD83

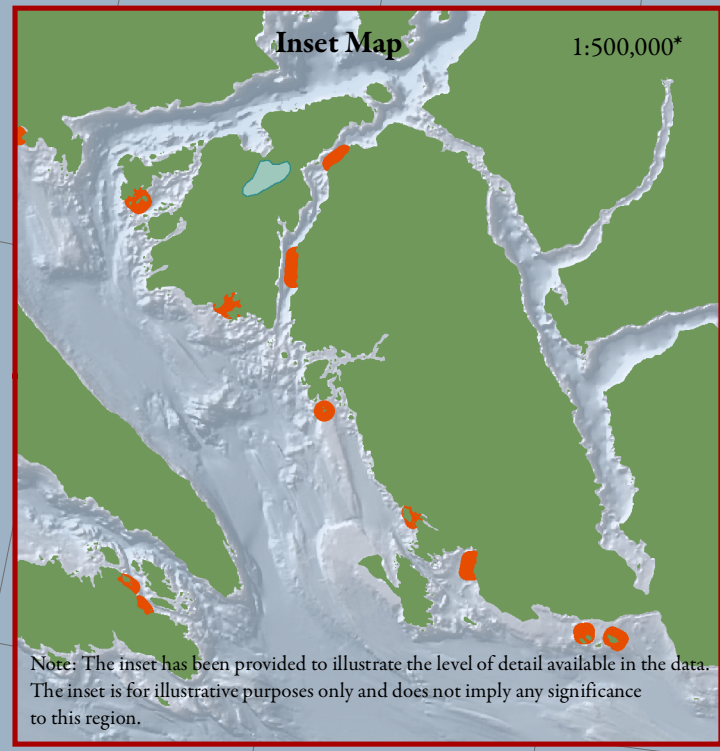


1:4,250,000 *
* Written scales are approximate and are based on a 11 x 17 inch paper size.

Prepared for:



Map template by Caslys Consulting Ltd.
November 24, 2010



Note: The inset has been provided to illustrate the level of detail available in the data. The inset is for illustrative purposes only and does not imply any significance to this region.