

Shipping and Transport - Shipwrecks - Known Hazards

description

Shipwrecks have occurred all along the British Columbia coast and can represent a navigational hazard when the wrecked vessel is left in place. Shipwrecks can also pose environmental concerns because they can continue to leach harmful toxins into the environment. However, historic shipwrecks can provide habitat for marine life as, over time, they provide a foundation for reefs and can become a popular attraction for divers.

This map presents the locations of 191 vessels that were shipwrecked between 2008 and 2011 and remain sunk, partially sunk or grounded somewhere along the coast of British Columbia. Because of inaccuracies in the coordinate information, the map does not present a complete picture of all reported shipwrecks, see “Caveats of use” below. The dataset also includes information on the environmental hazards associated with each wrecked vessel and lists the potential pollutants, which can include hull and structural materials, garbage, and pollutants such as asbestos, diesel and oil. The locations of historic shipwrecks, which may or may not remain in place in the marine environment, are displayed on the BCMCA atlas page entitled “Historic Shipwrecks”.

data source

- Transport Canada

data resolution

- None provided

date collected

- 2008-2011

date compiled

- 2013

reviewers

- None

reviewer comments

- None provided.

caveats of use

- The data sent to the BCMCA contains 272 records. Of these, the coordinates for 191 were found to lie within 1 km of the described location. The remaining 81 were found to be completely inaccurate and are not included on the map. It is recommended that this data set only be used at scales smaller than 1:500,000.
- A report by Transport Canada (2012) states that there are 289 abandoned vessels along the BC coast. The dataset received by the BCMCA contained 272 records and the locations of the other 17 records are not displayed on the map.
- 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.

references

- Transport Canada. 2012. Study of the extent of abandoned and derelict vessels in Canada. <http://www.islandstrust.bc.ca/poi/pdf/derelictvesselreport.pdf>

BCMCA Atlas
Shipping & Transport
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Legend

Shipwrecks
 (Type of Debris)

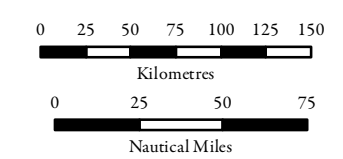
- Hull Material
- Pollutant
- Unknown

Data Source:
 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

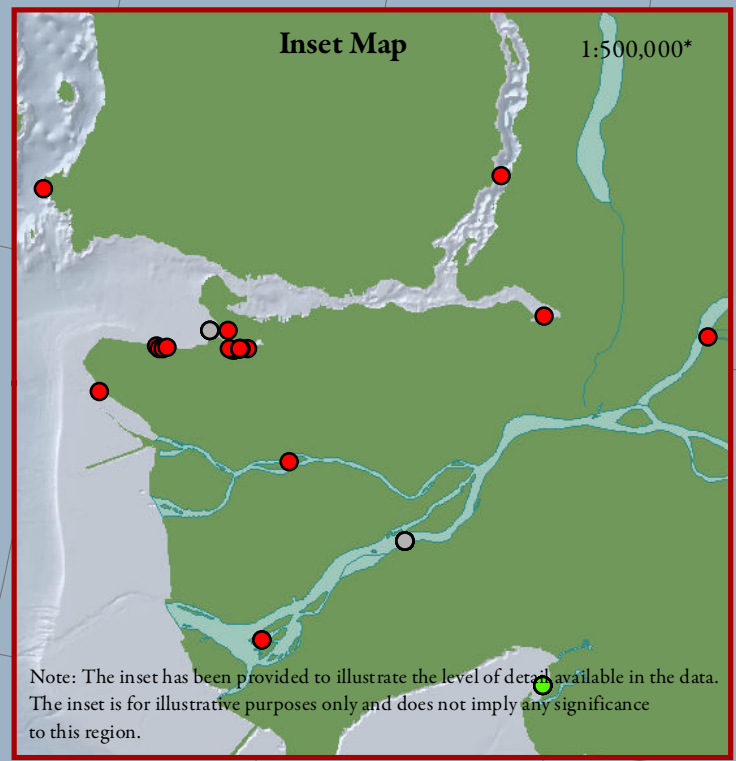


1:4,250,000 *
 * Written scales are approximate and
 are based on a 11 x 17 inch paper size.

Prepared for:



Map template by Caslys Consulting Ltd.
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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.