



CANADIAN HYDROGRAPHIC SERVICE

Supporting Canada's Economy

Ocean-sector industries contribute substantially to Canada's economy, as well as the local economies of coastal regions, and provide this country with the capacity to be recognized and to compete globally.

The largest among these industries are:

- Marine Transportation
- Tourism and Recreation
- Seafood
- Offshore Oil and Gas
- Manufacturing and Construction



In 2006, a comprehensive study¹ was conducted to estimate the monetary contributions of the major ocean-sector industries to key components of Canada's economy, including Gross Domestic Product (GDP) and employment. The study found that, at the time, these industries generated

about \$17.7billion in direct GDP and created more than 171,000 jobs.

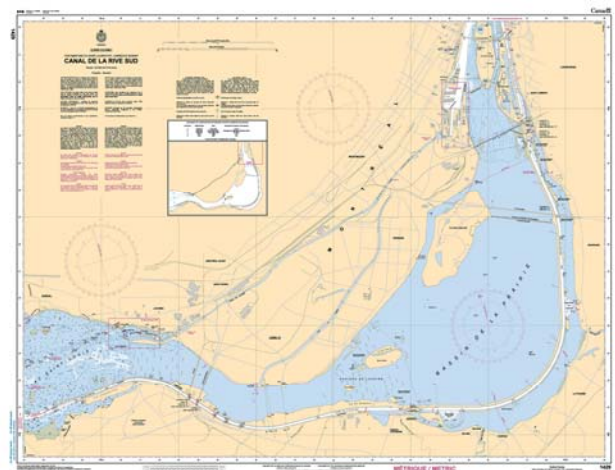
Since then, ocean-sector industries have grown and prospered, and their contribution to this country's economic strength is now greater than ever.



Nautical Charts

More than 120 years ago, the Canadian Hydrographic Service (CHS) was created to survey and produce much-needed information about the depths and features of our waters – and thereby reduce risks of marine disasters.

CHS is responsible for producing detailed and authoritative nautical charts and providing all boaters with reliable navigational guidance.



These charts are the marine highways for commercial, fishing and recreational boaters.

¹Gardner Pinfold, *Economic Impact of Marine Related Activities in Canada*. Fisheries and Oceans Canada: Ottawa ON

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Why Nautical Charts Are Important

Many industries depend on the information CHS provides. For example, shipping companies want to load their ships to maximize efficiency and the return on their investment. As the old saying goes, "One inch of vessel draught means 150 tonnes of cargo. 150 tonnes of cargo is about 10 containers."

At the same time, ships must be loaded safely – accommodating the water depths and water levels on the massive highways they will be traveling.

Water depth and up-to-date water levels are among the standard details CHS conveys on its roster of charts covering Canada's three coastlines and major inland waterways.

*For more information about the
Canadian Hydrographic Service and
how it supports ocean-sector industries that
contribute so much to our economy,
please visit:
www.chs-shc.gc.ca*

The First Link in a Chain of Positive Events

Good charts, like good roads, reduce transport costs and risks of losses. They also enable ships to reach their destination efficiently. This is conducive to expansion of imports and exports, and improved trade boosts economies.

Under the terms of the Charts and Publications Regulations of the *Canada Shipping Act*, carriage of CHS charts and publications by mariners is mandatory.

But beyond this legal obligation, ocean-sector industries – and, indeed, the Canadian economy – are fortunate to be able to reap the benefits of having authoritative navigational information through CHS charts and other publications at their disposal.

