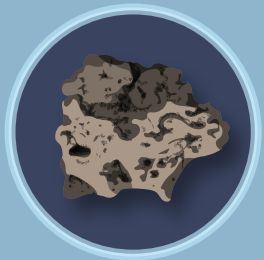


CARTOGRAPHY AND ITS IMPORTANCE TO THE CANADIAN COAST GUARD

All watercraft, from the smallest of canoes to the largest of ships, require nautical charts for navigation, maps, and skilled cartographers to safely travel through waterways. Cartography involves the study and production of maps. Cartographers specialize in map-making and have expertise in collecting, manipulating, analyzing and presenting geographic data.



Why does the Canadian Coast Guard need maps?



TO RECORD HAZARDS in the water, such as rocks above and below water



TO IDENTIFY BUOYS AND MARKERS, which help boats navigate



TO SHOW WATER DEPTH and how it can change from place to place



To ensure they are **RESPECTING PROTECTED WILDLIFE HABITATS**



To know where boats and **SHIPS CAN DROP ANCHOR**



TO MARK THE LOCATION of shorelines, ports, bays and inlets