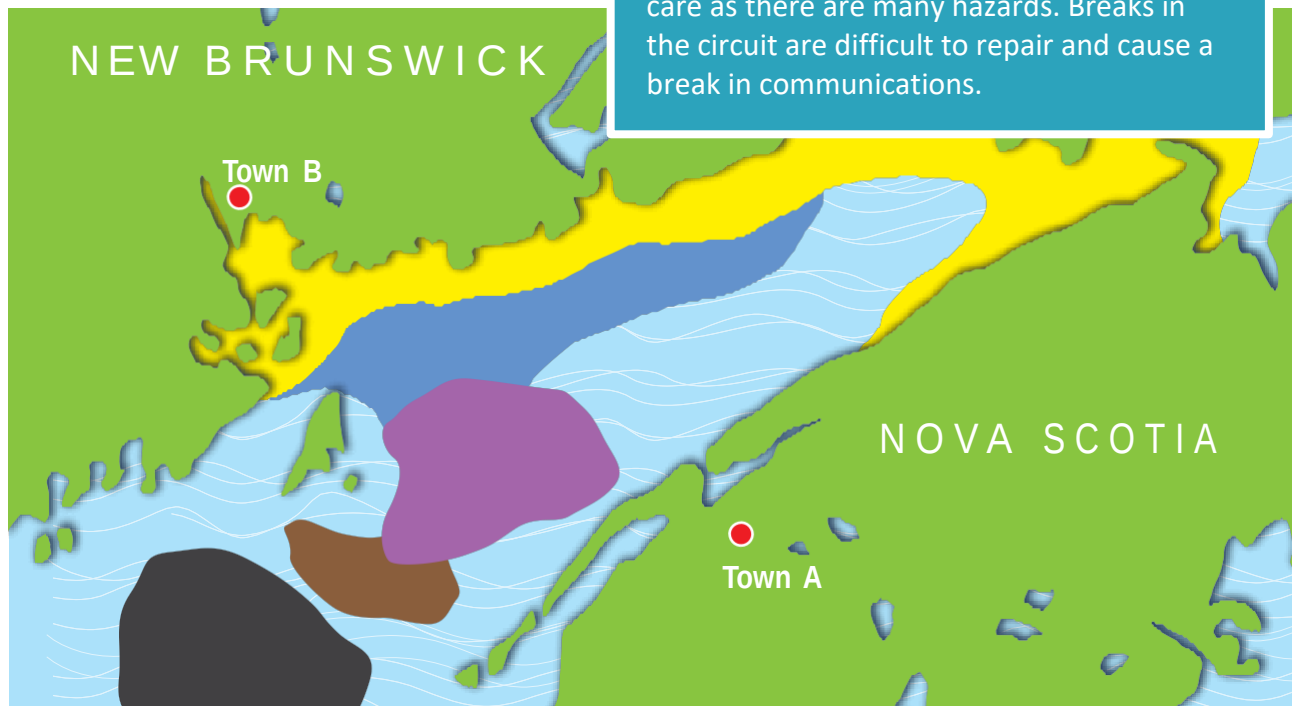


Planning a cable route

Submarine cables have to be placed with care as there are many hazards. Breaks in the circuit are difficult to repair and cause a break in communications.



Look at the map on page 2 of this sheet, it shows the sea between these two islands. Your job is to decide which route to use to provide a good link between the two towns. Look at the information, plan a route and explain why you've taken that route.

Planning a cable route - Map



MAP KEY

-  Soft sand, which tends to leave the cable exposed and prone to damage from weather and thieves
-  Fishing area – trawl nets may catch the cable and damage it
-  Mooring area in which large vessels anchor whilst waiting to enter port
-  Sharp rocks submerged
-  Area proposed for drilling for oil