

1 Q. Please provide the projected cost of repairing a break in one of the cables and  
2 please confirm the availability of the required vessels to complete such work.

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5 A. The estimated cost of a cable repair is \$15 to \$20 million.

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7 Vessels that could carry out the repair include offshore supply boats and light

8 intervention vessels that are currently in use offshore Newfoundland and Labrador,

9 or alternatively a cable ship could be used if it was in the area. A Remote Operated

10 Vehicle (ROV) can be deployed from the vessel to pick up and cut the damaged

11 section and retrieve the cable, which would be repaired on the vessel then be

12 redeployed to the seabed and the protective rock berm replaced by means of the

13 underwater rock placement equipment and ROV. The underwater rock

14 removal/replacement equipment is readily available in Newfoundland and is

15 currently used in the oil and gas sector, similarly the ROV required is available as are

16 supply boats suitable for such an operation. The procedures to carry out such a

17 cable repair are tried and tested in Europe and around the world.