1
Unlighted buoys\$ 1,000 Freight, erection, &c\$ 3,000 \$ 70,000
MONTREAL.
Four gas buoys at \$2,500\$10,000 Gas buoy lanterns
13,000
NEW BRUNSWICK.
Improvement of 11 stations at \$1,000\$11,000
Two gas buoys at \$4,000 8,000
Gas buoy lanterns
Unlighted buoys 5,000 Freight, erection, &c 3,000
30,000
NOVA SCOTIA.
Sydney bar, apparatus and lan- tern\$ 1,000 Brier island, apparatus and lan- tern
Figure 1 Four gas buoys at \$4,000
PRINCE EDWARD ISLAND.
Improvement of 10 stations at \$1,000
GENERAL
Proportion of hire of boats for construction apparatus 30,000 Unforeseen expenses generally 50,000
Total \$500,000
The second part of the item relates to lighthouse construction proper, of which the principal details of probable cost are as follows:
BRITISH COLUMBIA.
Prince Rupert, construction of depot\$160,000Point Atkinson, new tower

\$260,000

\$45,000

ONTARIO.

Cobourg, erection of a new light and

fog alarm	
Red Rock, new tower and fog alarm	15,000
Kokanongwi, new range	
Michipicoten, new tower	
Lake Superior, new fog alarm	
Portsmouth, range lights	4,000

QUEBEC.

Flat island, lighthouse	 	\$ 6,000
Bagot Bluff, to compete station	 	10,000
Little Metis, new dwelling	 	4,000
Mr. BRODEUR.		

Kamouraska, new dwelling......\$ Natashkwan, lighthouse on the point.. 4,000 ..\$ 5,000 Ferolle's Point, new station 25,000 Carleton, to renew the lighthouse.... Father Point, to repair the dwelling.. Cape Chatte, sub. bell station..... 1,200 1,000 2,000 \$58,200 Montreal.. \$30,000 NEW BRUNSWICK. Campbellton, to rebuild a lighthouse ... \$1,000 Grindstone island, to rebuild a lighthouse ... 5,000 Machias seal island, new fog alarm ... 7,000 \$13,000 NOVA SCOTIA. Sydney S. Bar, light on pier.. \$ 8,000 Flint island, new dwelling..... Cape Fourchu, to renew dwelling.... 4,500 3,000 Sambro, to renew dwelling 2,500 Point Prim, to renew fog alarm 10,000 Cape Race 2,000 2,000 4,000 Hall harbour Hampton new lights.. 4,000 Owl's head

Prince Edward Island.. \$ 5,000

Mr. DANIEL. Are these submarine signals of any use except to those vessels supplied with telephone arrangements in the wheel house?

Mr. BRODEUR. No.

Mr. DANIEL. These submarine bells cannot be heard by vessels unless they have the telephone attachment?

Mr. BRODEUR. Precisely.

Mr. DANIEL. And they have to pay a royalty for the use of that attachment?

Mr. BRODEUR. Yes.

Mr. DANIEL. Are all the government steamers provided with this telephone apparatus?

Mr. BRODEUR. The most important ones are.

Mr. DANIEL. Are many vessels of the ordinary merchant marine equipped with it?

Mr. BRODEUR. Yes, for instance, the Allan and the Canadian Pacific Railway lines. The stations are at Negro Point, Anticosti lightship, Red Island lightship, South Sea Shore lightship.

Mr. WILSON (Lennox). How many lighthouses are there in Newfoundland, what did it cost to erect them, and what is the cost of their upkeep?

Mr. BRODEUR. There are lighthouses at Belleisle island, Cape Race, Cape Ray, Cape Anguille, Cape Norman, Cape Bauld,

\$40,000