grave, (14)
But the products tribute to his tome is the flag
which weres to-day
over men at work in Canada nad little boys at

Now Zack my son be off to school and when time

Now Zack myson be offer school and when time comes to play

Ten all the other school boy lads what you have hard to-day.

And add that white I think upon't I'il put in back and white.

A tale which, if I lade them well, they will dwell on day and night; ith

And when I go to "Little Yoff," (15) to I do now and then.

I'll see if I can't light upon some of these printing toen.

ing men. And if I can for your good saltes, l'll get it put in

Ana if I can t, in either case, way then, the deyl's

(13) The remains of Generia Sir Islace Brock and this Provincial Aide de Camp, Colonel John Macdonald, were removed from the Cavaller in Fort St. George and deposites in the vase of the momentation Queenston Her, Lass-1840 October, 1821—a tabular monument by Westmarott was erected to the memory of Sir Islace Brock, by the nation in St. Paul's Cethelral, Lendon (1b) Vos examplaria a dra. Softmar versate mann versate dimens-Hor.
(1) Out Galler Steorit can't mind any or our new faingled names: "Little York" was I title York in Brock's time, and so must remain to the end of his chapter.

of his chapter.

Lakes, Rivers and Canals, Postal and Telegraphic Communications of the Dominion.

(h) colonia W. POWELL, A. 1 1, C.)

The inland water communications of the Dominion are striking physical features of the country—their extent in rivers and lakes is remarkable. The principal rivers in the older settled portions have been utilized for purposes of trade and communication, by constructing canals or deepening channels. In Nova Scotia, the St. Peter's canal, having a depth of water on the sills of 13 feet, crosses an lathmus of half a mile, con nceting St. Peter's Bay, on the Southern Caost of the Island of Cape Breton with the great and little Bras D'or Lakes, po-sessings natural outletinto the Atlantic Ocean. The Shubenacsidie, a principal river, is also con nected with Halifax and its hariour by a canal of miles in length

In New Brunswick the River St. John, 450 miles in length, emptying on the South though into the Bay of Funday, is navigable for steamers for a distance of SI miles from the Bay up to Fredericton, and from thence to Woodstock and Grand Falls by boats of smaller c pacity, and for purposes connected with the extensive timber trade of that portion of the province. The Miramichi River emptying into the Ocean on the East Coast, is navigable for ships of 1000 tons, for (25) twenty five miles from its month, and for schooners (20) twenty unles further, above which for (50) tifty miles it is naviga-ble for tow boats. The Restigouche River, also emptying on the East Coast, 1- (3) three miles wide at its entrance into the Bay Chaleur, and is unvigable for large vessels for a distance of (18) eighteen miles.

In Braish Columbia the Fraser River 700 miles long empties into the I acitic, is navigable for steamers to Vale, about 120 miles from the aca.

In Ontano and Quebec the principal inland carrying trade, during seven months of each year, is by water, by me us of the Saguenay, St. Maure, Parallel, Ottawa, Train, Thomes and Grand Rivers, and of the River St. Lawrenco and its other tributaries. In order to make the principal rivers and the inland lakes forming the routes avail able for through and subsidiary communications, the government has expended con-

In youder giorious monament a till me and a siderable sums of money, in making canals to enable teams and railway trains to pass and slides where falls and rapids exist on the rivers; and in deepening channels in other places. With the exception of the Saguenay and that portion of the St Lawrence from its mouth to a distance of about (90) ninety miles above Quebec, where the water is salt, or brackish where the freeh mingles with the salt water brought in by the tide, the whole of the inland lakes and rivers are of fresh water.

artificial or canal navigation, constructed by Canada, except the short link by which communication is made between lakes Huron and Superior, at Scult Ste Marie, at this point a canal is construct d on the United States ' side of the Bout ary line by the Government of that country to avoid the matural aspects of the question. rapids. The canal is 1, 17-100 mites long .has eighteen feet lockage with a depth of water on sills of twelve feet, and is now being enlarged and improved.

The River St. Lawrence is of sufficient depth to enable Ocean ships drawing 20 feet of water to pass upwards as lar as Montreal. From Montreal to Prescott the depth of the canals enables vessels drawing 9 feet of water, and from Prescott westwards for those drawing 10 to 12 feet of water to pass through.

Another conal system overcomes the difficulties of the Ottawa River, between Montreal and the City of Ottawa, and a further system opens navigation between the city of Ottawa and Kingston on Like Untario. This route passing, as it does, at a considerable distance in rear of the boundary line between the United States and this portion of Canada, is of great value for mittary purposes in case the navigation of the St. Lawrence route between Montreal in the Province of Quebec, and Kingston in the Province of Ontario is at anytime obstruct-The depth of the canals on this route will, however, only permit the passage of vessels drawing 4½ to five feet of water.

A still further system connects lake Champlain with the navigation of the St. Lawrence.

In all the Provinces additional important lakes and rivers exist, many of them navigable for considerable distances and used for purposes of commerce, but their number is two great for an accurate or even general description here. Lovell's Gazettoer of British North American mentions upwards of 1500 of them.

The St. Lawrence canals requisite to complete the navigation from East to West having locks of cut stone 200 feet long by 45 feet wide fitted for vessels drawing 9 feet to pass through, are described herewith in detail, in the order they may be found in proceeding up the river. The distances and measurements being those contained in the report of the Department of Public Works for the year 1875 viz.

The Lachine canal S1 miles long extends from the city of Montreal to the village of Luchine, thereby enabling vessels to avoid the St. Louis Rapids, the first series of rapids which bar the ascent of the River St. Lawrence, for a distance of 986 miles from the Straits of Belle Isle.

The new works now being constructed will contain locks 270 feet long by 45 feet in width between the grto quoins; per manent structures to have a depth of 14 feet, with the view of finally establishing the

over.

The Reautornois Canal 111 miles long lies on the south side of the St. Lawrence, 151 miles from the head of the Luching Canal, and runs for some distance inland from the river, connecting Likes St. Louis and St. Francis, and avoiding the three dangerous rapids known respectively as the "Cascades," "Cedars," and "Coteau."

It may be considered unfortunate, on ac-The St. Lawrence cannel system affords uninterrupted navigation from the straits of Belle Isle to the head of Lake Superior, a distance of 2,384 miles; of which 712 are stead of the south side of the river, more especially as a line of country better suited to the purpose exists on the north shore; it is however, not necessary to call attention now, to the reasons which induced the government of the day, to cast aside the superior military, economic, and

The can'd enters into Lake St. Franc's, which is 25 miles long by 51 miles wide, where the navigation is uninterrupted to Cornwall.

From its mouth to Cornwall in the Proy. ince of Untario the River St. Lawrence is within the Province of Quebec, and from Cornwall the River St. Lawrence and the River and Lakes immediately connecting it with and including Lake Superior, form the boundary between the United States of America, and that portion of Canada lying to the north of these Rivers and Lakes.

The Cornwill canal 111 miles long, enables vessels to avoid the Long Sault Ranids.

From the head of the Cornwall canal to the foot of Farran Fo nt Canal, the distance on the St. Lawrence, is five miles, this canal 51 miles long enable vessels assending the river to avoid Farran Point Repids, descending vessels run the rapids with case nna safety.

From the head of the Farran Point Canal to the foot of the Ripid Plat Canal there is a navigable stretch of 101 miles, this canal 4 miles long enables ascending vessels to avoid the rapid Plat Rapids, descending vessels run the rapids safely.

Leaving the Rapid Plat canal the St. Law-rence is navigable for 41 miles to the Galops canal, this canal 75 miles long enables vessels to avoid the rapids at Point aux Iroquois, Point Cardinal and the Galops

Passenger steamers passing down the river in day time run all the rapids between this point and Montreal.

Leaving the Galops canal the navigation is uninterrupted through the remaining portion of the St. Lawrence and Lake On. iario. It is questionable if these four last named canals will afford a sate means of communication at all times in case of war, but for present commercial purposes they are most valuable, and in addition the country can safely rely on another route, by way of the Ottawa River and Rideau Canal, between Montreal and Kingston. By a reference to the map it will be seen that the Niagara River is the natural connecting link botween Lakes Ontario and This river, although navigable for a considerable portion of the distance between the two lakes passes in its course over a fall about 165 feet in beight, known as the "Niagara Falls," and presenting a barrier to navigation which it was not conudered desirable to overcome, in view of the greater ease with which a capal could be constructed on another route. There are only four bridges across the main rivers canal at that depth.

Saitable swing bridges have been constructivize, the first, that at Montreal known as ed across this and other canals where needed the Victoria Railway Bridge, constructed by