

JOURNAL OF

Upper



EDUCATION,

Canada.

VOL. XI.

TORONTO : SEPTEMBER, 1858.

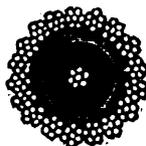
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THE ATLANTIC SUBMARINE TELEGRAPH.

Since the crossing of the Atlantic by steam, no event has occurred which has occasioned such universal rejoicing as the laying of the telegraphic cable on the bed of the same old ocean. This memorable and auspicious event, by which the two great continents of Europe and America were so happily



ATLANTIC TELEGRAPHIC CABLE AND SECTION. (SEE NEXT PAGE.)

united, was successfully consummated on Thursday, the 5th of August; and on that day both ends of the cable were landed,—the one at 5.15 a. m., at Trinity Bay, Newfoundland, and the other at 1 p. m., at Valentia Bay, Ireland.

So much interest attaches to this matter at present, that we insert in this number of the Journal several papers on the subject, including a variety of details of the manner in which the cable was laid.

Mr. Field, the American promoter of the telegraph, states, in his log, that the American steam frigate Niagara arrived at the rendezvous in mid-ocean on the 23rd; the Valorous tender on the 25th; the Gorgon tender on the 27th, and the Agamemnon British man-of-war on the 28th.

The splice was made on the P. M. of the 29th; and at 7.45 in the evening, signals from the Agamemnon ceased. The electricians reported a want of continuity in cable, but insulations perfect. We kept on paying out, and at 11.30 P. M., again commencing, received perfect signals from the Agamemnon.

JULY 30TH.—Distance 89 miles; payed out 131 miles—depth of water 1,550 to 1,975 fathoms.

JULY 31ST.—Distance run 137 miles; payed out 159 miles—depth 1,657 to 2,200 fathoms.

AUGUST 1ST.—Distance run 145 miles; payed out 164 miles—depth 1,950 to 2,400 fathoms.

AUGUST 2ND.—Distance run 154 miles; payed out 177 miles—depth 1,600 to 2,400 fathoms. Niagara getting light and rolling much, not considered safe to carry sail to steady ship, for in case of accident it might be necessary to stop the ship as soon as possible. At 3.38 in the morning, imperfect insulation detected in sending and receiving signals; all right at 8.40 o'clock. Fault in ward room, or about 60 miles from lower end, which was cut out and taken out of circuit.

AUGUST 3RD.—Distance 147 miles; payed out 161 miles—depth 740 to 1,820 fathoms.

11.15 o'CLOCK, A.M.—Received signals from Agamemnon that she had payed out 780 miles.

9 o'CLOCK, P.M.—Received signals from the Agamemnon; was in 200 fathoms water.

10 o'CLOCK P.M.—Niagara in same depth.

AUGUST 4TH.—Distance 146 miles; payed out 154 miles—depth under 200 fathoms. Made land at the entrance of Trinity Bay at eight o'clock.

AUGUST 5TH, 1.45 A.M.—Anchored. Distance 64 miles; payed out 66. Total payed out, 1,016 miles. Distance, 882 miles.

2 o'CLOCK, A.M.—Landed. Informed telegraphs that fleet had arrived.