

distance run by
35 miles to water,
465 miles to water,
and, 511 miles to
the lower deck, and

37° W. Distance
run by ship's
engineer's log last
twenty-four
hours, or a surplus
equal to 15 per
cent. Weather
rolling heavily,
cause of accident, it
At 7 A. M. passed
Total amount of
by observation,
total distance
log, 528 miles;
by observation,
from water, 1,465
from water, 465
from land; 357
388 Greenwich
receiving signals
at, or 8.40 A. M.,
and to be in the
the lower end,

23° W. Dis-
tance run by
engineer's log
last twenty-
four hours, or a sur-
plus equal to 10
per cent. Weather
paid out, 795
miles; total
ship's log, 661½
miles; amount of sur-
plus 300 fathoms
miles to water,
paying out coil
5 miles cable
and signals from
miles of cable.
10 P. M., ship's
water of 200
fathoms, and

2° 43' W.
g, 149 miles;
tent log, 142
8 miles. 260
Depth of
Gorgon in

position. Total amount of cable paid out, 949 miles 660 fathoms; total amount run by observation, 818 miles; total amount run by patent log, 802 4-10 miles; total amount run by ship's log, 810½ miles; total amount run by engineer's log, 815½ miles. Surplus cable paid out over distance run by observation, 131 miles 660 fathoms, about 16 per cent.; 64 miles from the Telegraph House. Received signal from Agamemnon at noon that they had paid out from her 940 miles of cable. Passed this morning several icebergs. Made the land off entrance to Trinity Bay at 8 P. M. Entered Trinity Bay at 12 30 P. M. At 2 30 P. M. stopped sending signals to Agamemnon for 14 minutes, for the purpose of making splice.

THURSDAY, August 5.—At 1 45 A. M., Niagara anchored. Distance run since noon yesterday, 64 miles; amount of cable paid out, 66 miles 382 fathoms, being a loss of less than 4 per cent. Total amount of cable paid out since splice was made, 1,016 miles 600 fathoms. Total amount of distance, 882 miles. Amount of cable paid out over distance run, 134 miles 600 fathoms, being a surplus of about 15 per cent. At 2 A. M. I went ashore in a small boat, and awoke persons in charge of the Telegraph House, half a mile from landing, and informed them that the Telegraph fleet had arrived, and were ready to land the end of the cable. At 2 45 received signal from the Agamemnon that she had paid out 1,010 miles cable. At 4 A. M., delivered the following telegraphic despatch for the Associated Press, to be forwarded to New York as early in the morning as the offices of the line were open:

UNITED STATES STEAM FRIGATE NIAGARA,
TRINITY BAY, Newfoundland, August 5, 1858.

TO THE ASSOCIATED PRESS, NEW YORK—

The Atlantic Telegraph fleet sailed from Queenstown, Ireland, Saturday, July 17, to meet in mid ocean Wednesday, July 28. Made the splice at 1 P. M., Thursday, the 29th, and separated—the Agamemnon and Valorous, bound to Valentia, Ireland; the Niagara and Gorgon for this place, where they arrived yesterday, and this morning the end of the cable will be landed.

It is 1,696 nautical, or 1,950 statute miles from the Telegraph House at the head of Valentia harbor to the Telegraph House at the Bay of Bulls, Trinity Bay, and for more than two-thirds of this distance the water is more than two miles in depth. The cable has been paid out from the Agamemnon at about the same speed as from the Niagara. The electric signals sent and received through the whole cable are perfect.

The machinery for paying out the cable worked in the most satisfactory manner, and was not stopped for a single moment from the time the splice was made until we arrived here.

Captain Hudson, Messrs. Everett and Woodhouse, the engineers, the electricians, the officers of the ship, and in fact, every man on board the telegraph fleet, has exerted himself to the utmost to make the expedition successful, and by the blessing of Divine Providence it has succeeded.

After the end of the cable is landed and connected with the land line of telegraph, and the Niagara has discharged some cargo belonging to the Telegraph Company, she will go to St. Johns for coal, and then proceed to New York at once.

CYRUS W. FIELD.

The machinery for paying out the cable is certainly all that could be desired. The brakes are perfect. The greatest strain ever upon the cable was 23 cwt., and that only for a short time. The cable was paid out at an angle of from ten to nineteen degrees with the horizon, and at an average speed of six miles and a half per hour; and the average speed of the ship during the