

cutting, the whole of the line to be cut out 30 feet wide—eight feet of which was to be cleared to the ground similarly to the north line from St. Croix to the St. John River. Mr. Pipon and I saw nothing of each other's movements until near the place of meeting, my party when making their way up a long hill about three miles from the top saw trees falling and an opening being made on the ridge apparently right in the direction they were going. To intimate to us at Sugar Loaf they had seen something satisfactory, the party on their return had an illumination with torches, and danced a hornpipe which we could see the crossing and dodging about of the lights. In determining the points on continuation of our respective lines it was found that my line was 341 feet to the northwest of the other. In correcting for this error we considered our lines to be running parallel to each other, and divided the distance 341 feet in the proportion of $42\frac{1}{2}$ to 22—the distance made by each. After two flag poles had been erected on two ridges the cutting parties turned their backs on each other and returned to their respective posts altering their former marks on the several ridges proportionately to the whole error and their distance. This completed, the small transit was sent through the whole way from Lake Pohenagamook to the northwest branch working from point to point and correcting discrepancies so that we were pretty sure of its being straight from end to end."

This part of the line having presented the greater difficulty in its determination, I have taken the account—somewhat abridged—verbatim from Capt. Robinson's letter reporting the survey to Professor Airy, R.A. Professor Airy had nothing but the highest praise for this work which he declared to exceed in accuracy any thing that he had expected, and the astronomers were given great praise for their skill in achieving such satisfactory results from such data as was available to them.

In the appointment of astronomers for this work, the Foreign Office applied directly to Professor Airy, the Astronomer Royal, offering a salary of £600 per annum which would be equivalent to not less than \$10,000 or \$12,000 if rated at its pur-