

**MARCONI WIRELESS TELEGRAPH RELICS.**

Commercial wireless telegraphy may hardly be said as yet to have a history. Many years from now, however, when the story of its rise will be written, the historian will find it necessary to present no small account of the first messages that were sent across the Atlantic, as well as of the practical uses to which wireless telegraphy was applied in the early days of its development. The story would not be complete without some account of the first wireless newspaper published on shipboard, and without reproductions of the first messages transmitted across the Atlantic waters.

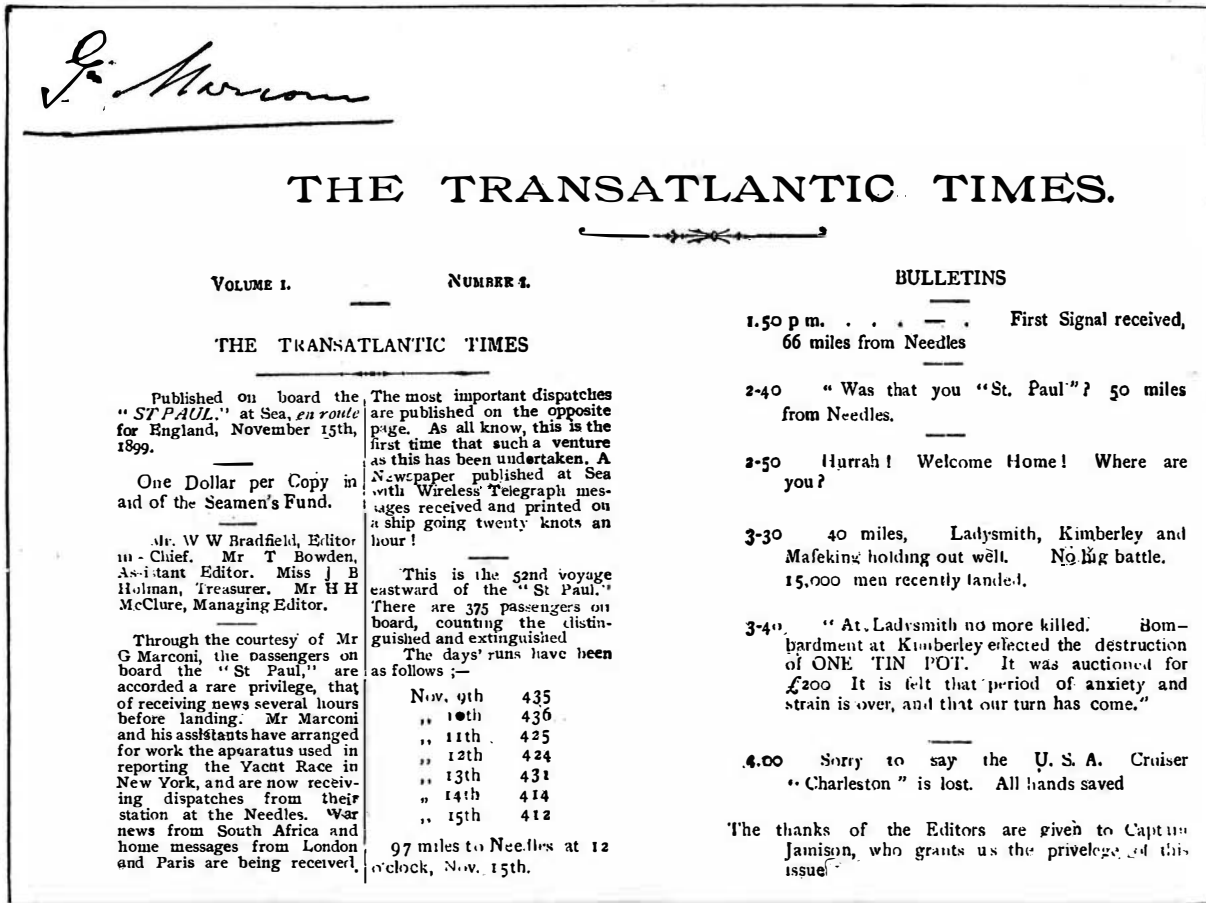
Not the least interesting of the records which will be carefully preserved for this future historian is a copy of the first newspaper ever published aboard ship, containing wireless news sent from shore. Through the courtesy of Messrs. Munroe & Munroe, of New York, Mr. Marconi's representatives in this country, we are enabled to present a facsimile reproduction of this interesting

menus. The first example of the possibility of transatlantic telegraphy without wires was afforded on the occasion when Marconi received, on board the "Philadelphia," messages up to 1,551 miles, and a test letter up to 2,099 miles. Marconi's record of that fact

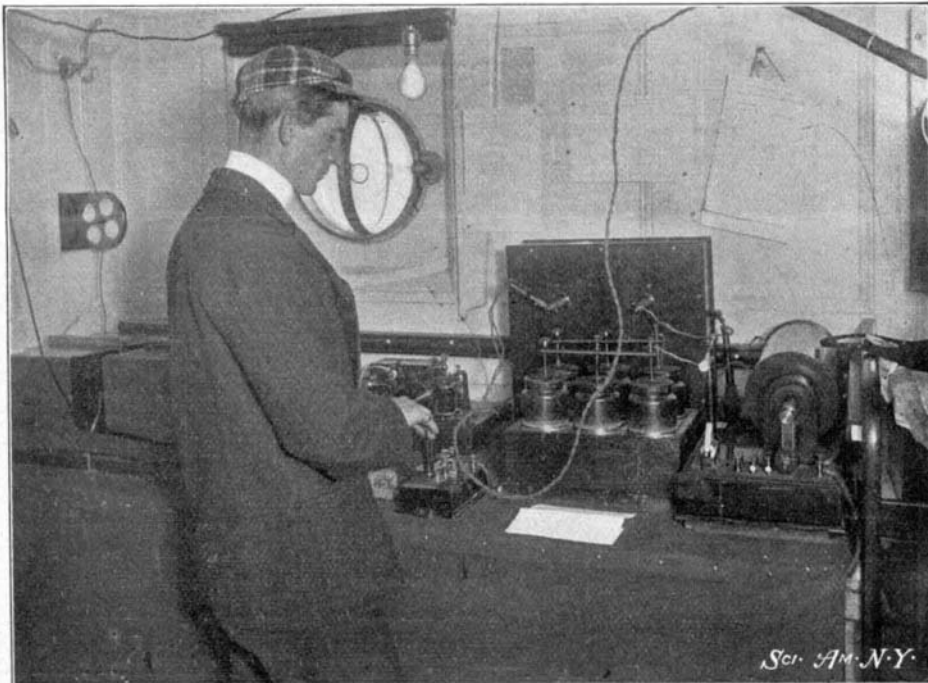
orifices holds in solution a large percentage of bicarbonate of soda, which solidifies as it spreads over the surrounding land, leaving the surface as white as though covered by snow. Few persons visit these springs, on account of their inaccessibility, but, with the extension of the railroad from San Francisco, the place will certainly become a popular resort. The water is ice cold, but those who venture to take a mud bath profess to find great relief from their maladies.

In the vicinity there are numberless mineral springs of great volume and potency. A remarkable fact relating to the mud springs is that every earthquake shock in the State, no matter how distant it may be, can be detected by action of the springs, for either the flow of water is increased or the soil which surrounds them quakes. It is said also that at regular periods the water of the springs ebbs and rises like the tide.

It is said that work on the mono-rail high-speed electric railway from Liverpool to Manchester will probably



**FACSIMILE OF THE FIRST NEWSPAPER EVER PUBLISHED ABOARD SHIP CONTAINING WIRELESS NEWS FROM SHORE. MARCONI'S SIGNATURE AUTHENTICATES THE ORIGINAL.**



**THE MARCONI APPARATUS WITH WHICH THE NEWS FOR THE FIRST WIRELESS PAPER WAS RECEIVED.**



**THE HAND PRESS ON WHICH THE FIRST WIRELESS NEWSPAPER EVER ISSUED ON SHIPBOARD WAS PRINTED.**

sheet. The paper was published on board the "St. Paul" of the American Line, at sea, en route for England, on November 15, 1899. It bears Mr. Marconi's signature.

The apparatus used for the publication of this first of wireless newspapers involved no additional expense. Indeed, the newspaper may be said to have

been the logical outcome of wireless communication itself. News was received from shore by means of the regular working outfit of the vessel. It was set up in type, and then printed on the small hand-press with which every ship is provided for the printing of

is here presented in facsimile, and will constitute what will some day be still another relic of early wireless telegraphy. For Americans, the most important step in the development of wireless telegraphy was the transmission from Cape Cod of President Roosevelt's greetings to Edward VII. That message, written in the President's own hand, has been carefully preserved. Mr. Marconi's transcript is here reproduced. Other wireless curios could be pictured, almost without number. Those that have been shown, however, may be considered of most historical value.

*Messages one thousand five hundred and fifty six. Test letter two thousand and ninety nine on tape receiver.*  
*Marconi*

**FACSIMILE OF MARCONI'S ORIGINAL RECORD OF THE FIRST TRANSATLANTIC MESSAGES RECEIVED ON BOARD THE "PHILADELPHIA."**

been the logical outcome of wireless communication itself. News was received from shore by means of the regular working outfit of the vessel. It was set up in type, and then printed on the small hand-press with which every ship is provided for the printing of

sixteen miles northeast of Westport on the coast. They occupy a space of 25 acres at an altitude of 1,400 feet above the sea, and number thirty or forty, with vents ranging from three feet in diameter to three inches. The water which bubbles out of the

be begun this summer. The trains on the new road are to run at the rate of 110 miles an hour, and are expected to reduce the time from Liverpool to Manchester from 40 minutes to 20 minutes.

*His Majesty King Edward Seventh.*  
*London*  
*(By Marconi's Sansonnet Wireless Telegraph)*  
*In taking advantage of the wonderful triumph scientific research and ingenuity which has been achieved in perfecting a system of Wireless Telegraphy I extend on behalf of the American people most cordial greetings and good wishes to you and to all the people of the British Empire.*  
*Theodore Roosevelt*  
*White House Washington 17*

**MR. MARCONI'S TRANSCRIPT OF THE MESSAGE SENT BY PRESIDENT ROOSEVELT TO KING EDWARD VII.**