

MARCONI'S WIRELESS

Was Given Official Luncheon by Governor.

RECEIVED MANY COMPLIMENTS

President Roosevelt and King Edward Exchanged Cordial Greetings—King of Italy Orders Wireless on Warship "Carlo Alberto."

NEW YORK, Oct. 17.—It was on January 23, 1901, that Mr. Marconi established wireless communication between St. Catherine on the Isle of Wight, and the Lizard in Cornwall, a distance of 183 miles, thus proving the principle of the non-interference of the curvature of the earth which had been anticipated by many scientific men who had investigated the newly discovered principle of wireless telegraphy. These results justified Mr. Marconi in recommending the erection of a high power station, with the object of telegraphing wirelessly across the Atlantic. Such a station was erected at Poldhu, in Cornwall, and on December 12, 1901, the first clear and intelligible signals sent across the Atlantic were received from Poldhu at a temporary station located near St. John's, Newfoundland. In commemoration of this event an official complimentary luncheon was given Mr. Marconi by the then governor of Newfoundland, Sir Cavendish Boyle.

In July, August and September of 1902 Mr. Marconi at the invitation of the Italian government, made a cruise in the warship "Carlo Alberto," and during the voyage carried out important tests in wireless telegraphy. During these experiments messages transmitted from Poldhu were received across land and water (1) nearly as far as Kronstadt in the Gulf of Finland, Russia, a distance of 1400 (2) at Gibraltar across the whole of Spain, over a distance of 1000 miles, and (3) in the Mediterranean off the Coast of Corsica, over a distance of 1000 miles although the whole of France and part of the Alps intervened between the two stations. Messages in nearly all positions and places visited by the cruiser were received either on Mr. Marconi's receiver, working a tape instrument, or by means of his magnetic receiver. The reports on these

tests were signed by Admiral Mirabello, the present head of the Italian navy. As a result of the success of these tests, the Italian minister of marine at the request of the King of Italy, issued orders that the "Carlo Alberto" should be placed at Mr. Marconi's disposal for the purchase of assisting him in the establishment of communication between Canada and England. On the 20th of October, 1902, the "Carlo Alberto" left Plymouth and sailed for Sydney, Nova Scotia, and messages were received from Poldhu throughout the voyage to Sydney, a distance of 2500 miles.

After a few weeks' preliminary work at the station, which had in pursuance of arrangements made between the Canadian government and Mr. Marconi, been erected at Glace Bay, Cape Breton, the following message was transmitted on December 16, 1902, to the London Times by Dr. Parkin its own special correspondent.

"Times, London:
"Being present at transmission in Marconi's Canadian Station have honor send through Times' inventor's first wireless trans-Atlantic message of greeting to England and Italy."
"(Signed), PARKIN."

On December 19th to Lord Knolly's, Buckingham Palace, London:
"Upon occasion of first wireless telegraphic communication across Atlantic Ocean may I be permitted to present by means of this wireless telegram transmitted from Canada to England my respectful home to His Majesty, the King."
"(Signed), G. MARCONI,
"Glace Bay."

On December 20, 1907, from Lord Minto, then Governor-General of Canada:
"To His Majesty, the King, London:
"May I be permitted by means of first wireless message to congratulate your Majesty on success of Marconi's great invention connecting England and Canada."
"(Signed), MINTO."

On December 21st:
"To Generale Brusati, Rome.
"Occasione prima trasmissione radiotelegramma transatlantica invio con questo telegramma trasmesso attraverso lo spazio dal Nuova al Vecchio Mondo omaggi a Sua Maesta, il Re."
"GUGLIELMO MARCONI."

On December 22nd:
"Times, London:
"Government Canada, through Times, congratulates British people accomplishment by Marconi's greatest feat of modern science yet achieved."
"(Signed), CARTWRIGHT,
"Acting Premier Ottawa."

The following replies were received by cable from Europe, as the Poldhu Station was not then equipped so as to transmit messages in a reliable manner from England to Canada:

"From H. M., King Edward VII.
"Signor Marconi, Canada.
"I have had the honor of submitting your telegram to the King, and I am commanded to congratulate you sincerely from His Majesty on the successful issue of your endeavors to develop your most important invention. The King has been much interested by your experiments, as he remembers that the initial ones were commenced by you from the Royal Yacht Osborne in 1898."
"(Signed), KNOLLY."

Also the following from King Edward VII.
"Marconi, from Governor General's secretary:

"Am desired by Governor-General to inform you that His Excellency had received following cable from his Majesty: 'I am much interested by the wireless message which you have sent me, and am delighted at the success of Signor Marconi's greatest invention which brings Great Britain and Canada into still closer connection.'
"(Signed) EDWARD, R. I."

Also the following personal telegram from His Majesty the King of Italy:
"Commendatore Marconi, Glace Bay, Table Head:

"Appendo con vivissimo piacere grandi risultati ottenuti che costituiscono nuovo suo trionfo a maggior gloria della scienza Italiana."
"(Signed), VITTORIO EMANUELE."

Numerous other messages, aggregating several thousand words were afterwards sent from Cape Breton to England. Mr. Marconi then proceeded to his other high power station, which had been erected at Cape Cod in Massachusetts, U. S. A., and early in January, 1903, sent the following complete wireless telegram across to Poldhu in Cornwall, England, from the President of the United States to His Majesty the King of England:

"To His Majesty, King Edward VII.
"In taking advantage of the wonderful triumph of scientific research and ingenuity which has been achieved in perfecting the system of wireless telegraph, I extend on behalf of the American people my most cordial greetings and good wishes for you and the people of the British Empire."
"(Signed), THEODORE ROOSEVELT."

The following is a copy of King Edward's reply sent (for reasons previously given) by cable:
"To the President, White House, Washington.

"I thank you most sincerely for the kind message I have just received from you through Signor Marconi's trans-Atlantic wireless telegraphy. I sincerely reciprocate in the name of the British Empire, the cordial greetings and friendly sentiments expressed by you on behalf of the American nation, and I

heartily wish you and your country every possible prosperity."
"(Signed), EDWARD, R. I."

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