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#### WIRELESS TELEGRAPHY.

For some time Sir Charles Todd and Professor Bragg have been making experiments in wireless telegraphy with a view to its utilization for communication with the Albatross and other outlying stations. During the past few weeks many messages have gone to and fro between the Observatory on West-terrace and the temporary station at Henley Beach. The sending and receiving instruments, including the coherers, made after Mareoni's pattern, have been gradually improved, until now long sentences can be sent through with very few mistakes. One of the first successful messages was sent nearly a month ago, from the Observatory to Henley Beach, telling Professor Bragg, who was at the station there, that Sir Charles Todd was just leaving the Observatory for the Beach. On Sir Charles's arrival he was greatly pleased to find that he was expected. It is intended shortly to carry out experiments in the Gulf, and good results are hoped for, as it is said that it is easier to transmit messages by sea than by land. A curious and interesting effect was observed on Thursday. Messages from Henley Beach were being received at the Observatory. In the instrument-fitter's room at the Post-office Mr. Unbehaun was making some improvements to his receiving set, and as an experiment he connected it to the Henley Beach telephone wire. He was surprised to find that he could get some of the signals. Apparently the telephone wire had picked them up and guided them into the Post-office. The telephone wire was at the time being used for ordinary business. We have seen several specimens of the messages transmitted from Henley Beach to Professor Bragg on the wireless system, and recorded at the Observatory in ink in the Morse signals. They are as mechanically perfect as those transmitted by the ordinary system of telegraphy. The coherers were made by Mr. Rogers at the University of Adelaide.