

and cargo weighing 5,000 tons could be safely carried any distance on a properly constructed ship railway.

Prof. Galbraith Professor Galbraith said it is the carrying out of the principle on a large scale where the difficulty arises, the tank would have to be transported with the same care as the ship.

Mr. Redway. Mr. Redway replied, it is not a tank.

Prof. Galbraith Professor Galbraith observed it is a vessel floating in a tank, whether there is $\frac{1}{16}$ of an inch of water or 16 feet of water. The experiment on a small scale may be successful, but carried out practically the trouble increases in geometric ratio.

Mr. Tully Mr. Kivas Tully said he felt obliged for the invitation to be present. He considered that raising loaded vessels out of water and carrying by railway had been pronounced upon as feasible by eminent experts; that personally he had no doubt it could be done; that a ship railway is not subject to a difference of grade; that no curves are less than 20 miles radius; that deflections are done by turn-tables. The platform will be rigid, the cars supported by a large number of wheels, none of which will carry more than five or six tons; that if any one doubted the feasibility of lifting a vessel out of water and carrying by a ship railway, he would refer him to the model in New York, made under the directions of the late Captain Eads.

Mr. Macdougall Mr. Alan Macdougall considered it difficult to discuss the engineering question involved in the carriage of loaded vessels up to 5,000 tons gross by ship railway without experience, and that the operation of the Chignecto Ship Railway would be awaited with interest.