

Confidential: Not to be quoted without
reference to the Laboratory.

CRUISE REPORT

F.R.S. "MARA"

15th-26th August, 1958.

The preparatory cruise lasted a day longer than anticipated and the vessel was not again ready for sea until the 15th. Experiments commenced on the 18th when measurements of drag, spread and towing speed were made in Aberdeen Bay. The sailing of the vessel to the Fladen Ground was delayed until Tuesday evening because of dense fog. Late on Tuesday night the fog worsened and it was decided to return to Aberdeen. During the run back there were indications of over pitching on the propeller and this was investigated on Wednesday. On Thursday Mr. Dickson dived to inspect the propeller and a report was then made to the Marine Superintendents. The controls were adjusted by Messrs Slack & Parr on Monday and at the same time the opportunity was taken to measure the bollard pull while the vessel was in the dock. Experiments were resumed on the 26th when the Slack & Parr representative accompanied the ship to sea. The drag of the otter trawl was measured over a range of speeds.

W. DICKSON.
28th August, 1958.