

HYDROGRAPHY

31. To overcome possible trouble from these delays, Canadian authorities have been warned to make every effort to supply missing information of a serious nature to convoys while en route.

32. Security of Weather Information

During this period important relaxations in the dissemination of Continental Weather information were made by the United States on a unilateral basis. At the instance of the Royal Canadian Navy and Royal Canadian Air Force representations were made to Washington to have this reviewed with only partial success. However, it is believed that through this set of circumstances a closer liaison with U.S. Meteorological Authorities.

Considerable interest and help has been given by Intelligence to the Meteorological Section on the question of enemy Meteorological equipment and personnel. It is hoped that further developments along this line will take place in the future.

33. Personnel

During this quarter two Sub-Lieutenants were taking the Admiralty Meteorological Course in the United Kingdom and arrangements were made for two more to take the subsequent course. Two more Sub-Lieutenants (SB) have been taken on strength for Meteorological duties.

34. Development and Activities

Commander-in-Chief, Canadian Northwest Atlantic and his Staff Officer (Meteorology) together with other officers on his staff were visited in order to discuss various technical phases of Meteorology affecting the sea-going ships.

35. Long Range Forecasting

The problems of long range forecasting have been studied in considerable detail with not very promising results. This field is still very experimental and authorities agree that its operational value without short-term forecasts is negligible. The Air Ministry Meteorological Division connected with Bomber Command, who have been doing most of the research in the United Kingdom in this field, have concluded a six months experiment without deciding to make long range forecasts available for military, strategical and operational work. The United States authorities are pursuing the subject further, but very little improvement has been noted, although this section keeps a close check on the long range forecasts turned out by them. It has come to the attention of this section that the enemy is making use of such forecasts, but only in a very general way; however, he is active in training personnel in this field.

36. Further Developments

Preparations were made to have available one officer and perhaps more for auxiliary aircraft carriers for Meteorological duties afloat and a closer touch was kept with the synoptics provided by the Meteorological Service of Canada for broadcast to capital ships for the North Atlantic, with the object of cutting down on unnecessary weather traffic.