

IDENTIFICATION OF RADAR-SCREEN VIEWS

In 1946 the Commanding Officer of the cruiser *Montcalm* defined in precise terms the problem of making a landfall in thick weather with the aid of Radar.

In February 1947 the Director of the "Service Hydrographique" of the French Navy has been invited to undertake the study for establishing "carnets" for panoramic detection showing the appearance of the Radar Screen from several positions along the coast in order to facilitate coast wise navigation and the landing in foggy weather.

Two French escort vessels, the *Légionnaire* and the *Voltigeur* were detailed to obtain photographs of the views appearing on their Radar Screens at a series of fixed stations off the South and West Coasts of France respectively, in the Toulon and Brest zones (*), and the French Hydrographer has transmitted to the International Hydrographic Bureau a full set of the photographs obtained in the Toulon zone. These vessels were equipped with Type S.F.I. Radar, the projector being at a mean height of 16 metres at normal draft.

In order to assist those Navigators who may have had little experience of identifying shore features from the views appearing on their Radar Screens, a selection from the above-mentioned photographs are reproduced herewith, together with that portion of the French Chart on the same scale, which each photograph covers, on which the position of the station and the arcs corresponding to the views shown on the Radar Screen have been inserted. Letters of identification are shown on each, so comparisons can easily be made(**).

Carnets containing sets of these photographs with accompanying chartlets are, it is understood, being supplied as necessary to French vessels fitted with Radar.

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(*) The December, 1947, number of « La Revue Maritime » contains an article on this subject by M. P. Hugon, Professor in Chief of Hydrography. Extracts from article appear elsewhere in this volume of the « International Hydrographic Review ».

(**) See also "International Hydrographic Review", Vol. XXIV, 1947, page 143, for similar photographs of the River Thames Estuary.