

A. SCHUMACHER, *Monatskarten der Oberflächensströmungen im Nordatlantic und im Aequatorialen und südlichen Atlantic Ozean.* (« Annalen der Hydrographie 68, 1940, pages 119 et suivantes, et 71, 1943, pages 217 et suivantes. »)

Kon. Nederl. Meteor Instituut n° 110. Oceanogr. en Meteor. Waarnemingen in den Atlant. Ozean. Utrecht, 1919-1931.

Atlantique Nord : Carte de la direction et de l'intensité probable des courants, par G. SIMART, lieute-

nant de vaisseau (Service Hydrographique de la Marine, 1889). I. Semestre d'été (avril-septembre); II. Semestre d'hiver (octobre-mars).

Die Oberflächensströmungen des Atlant. Ozean im Februar. Veröff. (Inst. für Meereskunde, N.F. Reihe A., cahier II, Berlin 1923.)

A. SCHUMACHER, *Zur Geschichte unserer Kenntnis des Aequatorialen Gegenstromes.* (« Annalen der Hydrographie », 1944, cahier III, pages 92-93.)



TURBULENCE

AN EXAMPLE TAKEN FROM A STUDY OF THE SEA

by F. MODEL, of the Deutsche Seewarte.

We beg to draw the attention of our readers to this article which appeared in pamphlet IV of the *Annalen der Hydrographie* for 1944, page 97, and also to an article by P. Raethjen, which appeared in pamphlet V, for the same year. These articles deal with a problem often met with in Oceanography and about which observation results have rarely been made public. By showing the progress of this phenomenon, they make it possible to subject it to measurements and to estimate the magnitude and frequency of movements which produce mixtures of waters of different temperature and salinity.

P. V.

