



Abkürzungen: Al = Alster, El = Elbe, Ha = Hansa, M = Merkur, No = Nordsee, Ro = Roland, Vu = Vulkan.

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $\epsilon \rightarrow 0$. It is shown that the solutions of the system (1) converge to the solutions of the system (2) as $\epsilon \rightarrow 0$. The convergence is uniform on compact subsets of the domain Ω .