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THE ROYAL INSTITUTE OF NAVIGATION

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The *Journal* is published three times a year by the Institute and is edited by M. W. RICHEY. It contains original papers contributing to the science of navigation, including those presented at meetings of the Institute together with the ensuing discussion. In addition the *Journal* includes a record of current navigational work, reviews of important books, and other matters of concern to those interested in navigation. The views expressed in the *Journal* are not necessarily those of the Institute, or of any organization or department to which the authors may belong. Crown Copyright may be reserved.

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Institute Notices

MERSEYSIDE BRANCH

5 MARCH WEDNESDAY 1400, Room 137, Liverpool Polytechnic

Half-day seminar on marine pollution (held jointly with the Nautical Institute) with papers from Captain A. N. Cockroft and G. B. Standing.

(Note. This takes the place of the meeting originally scheduled for 27 February.)

MARINE TRAFFIC STUDIES

A symposium, sponsored jointly by the Royal Institute of Navigation and the National Maritime Institute, will be held on Wednesday, 27 February 1980 at 1000 at the Royal Institution of Naval Architects, 10 Upper Belgrave Street, London, S W 1. No Registration.

Marine traffic has been subject to increased regulation in recent years, often as a result of public concern in the wake of major casualties. The Collision Regulations have been revised, traffic separation schemes have been developed and vessel traffic services in various forms have been established. The purpose of the meeting is to present for discussion some of the work which is being undertaken for the better understanding of marine traffic problems. Seven papers will be presented, of which summaries will be available on request, as follows:

The estimation of collision risk for marine traffic in UK waters, Dr G. R. G. Lewison (*National Maritime Institute*).

Probability of close overtaking in fog, Dr R. G. Curtis (*National Maritime Institute*).

Collision avoidance at sea as observed by shore-based radar, M. J. Barratt (*National Maritime Institute*).

A statistical analysis of the behaviour of navigators in collision avoidance situations, J. D. Holmes (*City of London Polytechnic*).

North Sea traffic investigation, Captain R. Tresfon (*Netherlands Maritime Institute*).

A survey in the Mid-Channel of vessels routed past Ushant and Cherbourg, 1979, R. F. Chalk and A. Coupard (*National Maritime Institute*).

The role of multi-user data bases in marine traffic systems, Captain K. D. Jones and M. R. Bradshaw (*Liverpool Polytechnic*).

Lunch will be available, at £6.00 a head, at the Ski Club opposite. Those who wish to partake should let the Institute know (enclosing a cheque) not later than 15 February 1980.



Frontispiece. A modern glider flying over Germany.

In his stimulating Presidential Address to the Institute in 1975 Geoffrey Beck referred to the practice of navigation... 'as a skill and a pleasure to be developed beyond and away from advancing technology', a theme taken up in some of the papers presented at last year's international congress on Man and Navigation.