



The Hovercraft Society
Formed in 1971

Lecture Series

PRESENTATION MEETING 18TH /19TH JANUARY 2023



Hovercraft Skirts
Design Development and their drag Characteristics
By Prof Lawrence Doctors

Join us on Zoom for a Video Presentation, and discussion

January 19th at 08:00 Sydney, and January 18th at 21:00 UK, 22:00 EU, 16:00 US EST, 13:00 US PST

In the first part of the talk, a survey of the history of the development of skirts from the early days in 1959 will be made. The purpose of skirts, of course, is to substantially increase the obstacle-clearance capability over land, as well as to improve the seakeeping. The features of the various skirts and seals will be presented using diagrams and photographs.

In the second part of the presentation, a method of estimating the additional drag due to a deflected skirt will be explained. This theory has been used to substantially improve the correlation between theoretical predictions of the total drag of a towing-tank surface-effect-ship model with the experimental measurements.

Meeting invitation and login instructions will be sent to Society Members automatically a few days before the event.

Visitors to our Internet Site, please send an invitation request to techsec@thehovercraftsociety.org.uk and we will be pleased to invite you!