



The Hovercraft Society
Formed in 1971

Lecture Series

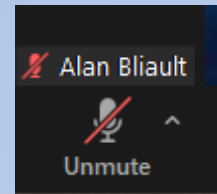
Presentation and Discussion 22nd, 23rd and 24th March 2023

- 1: Top 15 Hovercraft – Video and Debate
- 2: Film Extract – High speed hovercraft chase – Video and debate
- 3: Some recent major projects and ACV's – Slides and discussion

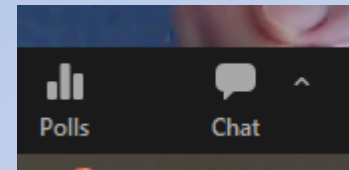


Pre-meeting instructions

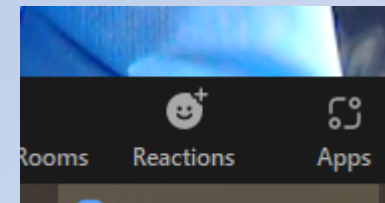
Mute your microphone



Use the chat to write your questions during the presentation



Use the reactions, raise hand, to ask a question or comment during the discussion session after the presentations



After the presentation we will tackle the chat queries first, and take the raised hand questions in order presented. Participant images with raised hand appear in order at top of your screen.

1. Top 15 Hovercraft

This is a video from YouTube. It is an eclectic mix as you will see.

It is not an historical list, and many of the craft are not in the market now. Nevertheless, it reflects what the 'uninitiated' person might come across.

Bill Baker was a bit sad that his craft were not included, and Ivanoff are not there, and many more that we might wish to include.

OK so what do you think really should be in a top 15 or 20, and which of those included should go out? Write in the chat perhaps as we go through.



2: The hovercraft chase

This is a short video that features two Airlift hovercraft performing very well in a sequence from a feature film.

For me at least, wonderful stuff!

The craft are not your European style craft, much more a hovercraft equivalent of a fast-cruising dayboat.

Perhaps Airlift can give us more background and we can discuss the merits of a class of craft like this



3: A selection of current projects and craft

The intent here is to share our thoughts on a number of current projects. Images are on subsequent slides.

Griffon Hoverwork 12000 for Oita Ferry Company, Japan



US Navy SSC project – successor to LCAC



Self Propelled Hoverplatform – 150 tonne payload Argymak
Operated at Kashagan Oilfield in Caspian



Small Electric Hovercraft
The Eco-Beast from British Hovercraft Company
A project for Ecotricity and their boss Dale Vince



Air Lubrication for large ships

Silverstream installations are now becoming a 'standard' for many types of ship such as cruise liners and LNG Carriers.

There are other designs such as from Samsung and Mitsubishi but Silverstream is very successful right now!



This is just a selection of ongoing projects to spark discussion

The range of business financial values is from the \$Billions (SSC) down through moving towards hundreds of millions (Silverstream) to tens of millions (GH12000), and tens of thousands (small craft)

One observation from Techsec is that the air cushion technology business is so very fragmented at present