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Western Joint Branch

Presentation Evening

2021 Design Challenge – Finals Night

Design of a Low Impact, Polar Research Vessel

Date: 13th December 2021
Time: Webinar begins at 19:00
Venue: This lecture will be delivered through Zoom

Summary:

The 2021 WJB Design Challenge has been to design a vessel for researching the environmental effects of marine traffic through the Arctic. Enabling the creation of more effective environmental legislation on Polar maritime activity. This challenge focussed on the issues of noise, emissions and other factors increasingly damaging to Polar ecosystems.

The receding perimeter of annual sea ice extent in the Arctic region unveils the opportunity for new navigable, and fuel-efficient global trade routes. However, the influx of marine traffic also introduces an increasing threat to the relatively pristine environment in this region.



Since being issued with the rules document in September, the teams have been tasked with creating a vessel designed to conduct the necessary research whilst minimizing its own impact on the Polar environment. On the evening, the 5 teams are to present their final designs to the judges – The culmination of their work over the past months!

Format:

The posters produced by each of the 5 teams will be distributed electronically in the days prior to the finals evening for the audience and judges to view. On the evening, following a short introduction from each of the judges the teams will give a 10-minute presentation. This will be followed by 5 minutes of questioning from the judges to determine the marks and the overall positions for the 2021 WJB Design Challenge.

To register please [click here](#) and follow the registration instructions



CPD Certificates will be sent out on request to the email address used to register.

Next event: Frigate Marine Integration De-Risking

Date: Mon 17/01/2022

Time: Webinar to start at 19:00

Venue: Webinar hosted on Zoom



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