



Navigating to 2050

A safe and sustainable maritime future

#NavigatingTo2050



Keynote Address

Anthony Gurnee

Founder and CEO

Ardmore Shipping, Ireland



Commissioners of
IRISH LIGHTS

Navigation
and Maritime
Services

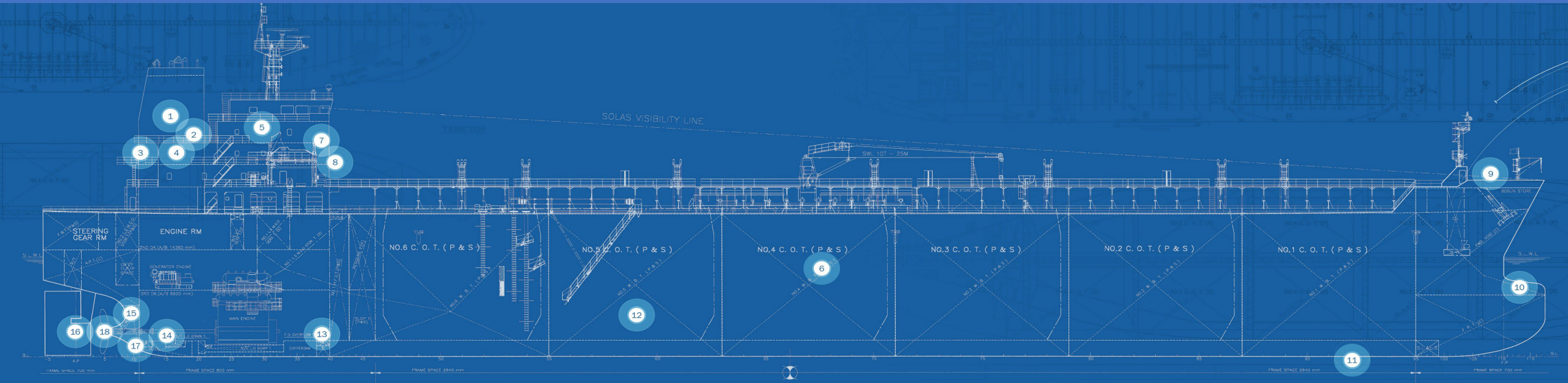


**Ardmore Shipping
Corporation**

**Navigating to 2050:
Transitioning to a Sustainable and Profitable Decarbonised
Shipping Future**

Anthony Gurnee, November 15th, 2022

Shipboard Efficiency Improvements: Up to 20% Total Fuel Savings



ENERGY TRANSITION TECHNOLOGIES

ADOPTED BY OR BEING CONSIDERED BY ARDMORE SHIPPING

- | | | |
|--------------------------------------|------------------------------------------|------------------------------------------------|
| 1 High Efficiency Solar Power System | 7 Aerodynamic Superstructure | 13 Variable Speed Pumps |
| 2 Variable Speed Fans | 8 Wind Power Generation | 14 Constant Power Control System (Lean Marine) |
| 3 Battery Bank | 9 Wind Assist Propulsion | 15 Pre-Swirl Duct |
| 4 Generator Waste Heat Boiler | 10 Plumb Bow | 16 Rudder Bulb & Saver Fin |
| 5 LED Energy Efficient Lighting | 11 Air Lubrication | 17 Propeller Boss Cap Fin ("PBCF") |
| 6 Hull Cleaning Robots | 12 High Performance Anti-Fouling Coating | 18 Ultra Sonic Propellor Antifouling |

[<https://ardmoreshipping.com/about/progress/>]



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