



## ENERGY MANAGEMENT

Every kilowatt used is scrutinized for energy efficiencies and emission reductions.



### 6 DUAL-FUEL ENGINES

with the ability to use liquefied natural gas (LNG)



### WASTE HEAT CAPTURE

harnesses and repurposes excess engine heat



### AI-BASED TECHNOLOGIES

optimize the ship's routes to maximum efficiency



**SHORE POWER CAPABLE**  
to plug into local power grids, when available



### AIR LUBRICATION SYSTEM'S

microscopic bubbles coat the hull with microbubbles to reduce friction



## WATER MANAGEMENT



### WASTEWATER TREATMENT SYSTEM

treats every drop of water above regulatory standards



**100%**

of fresh water is produced onboard via a reverse osmosis/desalination plant



### BALLAST WATER TREATMENT

prevents non-native species from being transferred from port to port



### The ship's ENVIRONMENTAL OFFICER

tests the water on board daily and oversees all initiatives and training

## WASTE MANAGEMENT



### RECYCLING PROGRAMS

ensure more than 90% of trash never reaches a landfill



### STATE-OF-THE-ART WASTE MANAGEMENT ROOM

is fully equipped to manage the single-stream recycling process



### WASTE-TO-ENERGY SYSTEM

turns trash into energy onboard



### WIN ON WASTE

reduces food waste using a custom-built app and dedicated team on board

