# MSC W\LD AMERICA

# A new world of cruising

Discover a new world of cruising on board MSC World America.

A world of sustainable cruising on a ship designed for immersive and unique experiences at sea. A world that's revolutionary yet harmonious. A ship that meets the needs of the present and the future. A ship for guests of all ages from all around the globe. MSC World America is the new era of cruising.



# **LNG FUEL**

MSC World America is our third ship powered by Liquefied Natural Gas (LNG), currently the cleanest and most efficient fuel commercially available at scale. LNG reduces sulphur oxides (SOx) emissions by 99% and nitrogen oxides (NOx) emissions up to 85% while also reducing greenhouse gas emissions by up to 20% compared to conventional marine fuels





### **SMART HVAC**

(heating, ventilation and air conditioning system) Intelligent distribution of heat and cold air to minimize the energy required to keep guests and crew comfortable

#### **HEAT RECOVERY**

Onboard heat recovery systems ensure we don't waste the heat generated by our engines, instead we can redirect it to heat our pools or create freshwater



# SELECTIVE CATALYTIC REDUCTION SYSTEM (SCR)

The SCR reduces NOx through active emissions control technology



## **UNDERWATER RADIATED** NOISE CONTROL

Optimised hull design and latest generation of propellers to decrease resistance through the water and reduce underwater noise



#### **ANTI-FOULING PAINTS**

The hulls of all MSC Cruises' ships are coated with environmentally friendly paints which impede the growth of barnacles, algae and marine organisms to reduce drag significantly



# **ADVANCED WASTEWATER** TREATMENT

The system treats wastewater to a very high quality better than many shoreside municipal standards around the world



#### SHORE-TO-SHIP POWER

Ready to connect to local power grids, allowing the engines to be switched off in port



# TRIM OPTIMISATION

Monitoring the way the ship sits in the water allows the crew to keep the vessel's trim optimised to reduce fuel consumption and optimise performance



#### **ENERGY-EFFICIENCY**

The design of this new ship will significantly exceed energy efficiency requirements (IMO Energy Efficiency Design Index)



#### **LED LIGHTING**

Energy efficient LED and fluorescent lighting is used throughout the ship



### **ADVANCED WASTE** MANAGEMENT

Comprehensive systems to reduce, reuse and recycle all waste generated on board



# **BALLAST WATER TREATMENT** SYSTEM

A system to prevent the transportation of invasive species through ballast water

