



Explorer of the Seas Fact Sheet

General

Flag	Bahamian (Nassau)	Gross Tonnage	137,308
Port Of Registry	Nassau	Net Tonnage	105,034
Call Letters	ELWX5	Length (overall)	310.12 meters
Built By	Kvaerner Masa-Yards Inc.	Breadth	42 meters
Place Built	Turku, Finland	Maximum Draft	8.8 meters
Year Built	2000	Number of Crewmembers	1200 from 55 countries
Number Of Years To Build	2 years	Total Capacity (including crew)	5020
Godmother	Jackie Joyner Kersee	Total Cost	US\$650,000,000

Technical

Main Propulsion

Each propeller is driven by a double wound 3-phase synchronous motor with 4-bladed bronze propellers of submerged pod type. The motors are mounted directly on the propeller shaft inside the pod. The three propellers are arranged so that the center propeller is a pushing non-azimuthing Fixipod type and the two wing ones are of pulling fully azimuthing Azipod type steering propellers.

Motors	14,000 KW – 145 RPM each
Total	42,000 KW

Generators

Six Wartsila Diesel 12V46 Generators producing 12,600 KW each for a total of 75,600 KW or 103,345 BHP.

Stabilizers	4 Brown Brothers Stabilizer Fins
Bow Thrusters	4 KAMEWA 3000 KW each
Total Power	12,000 KW (16,400 BHP)

Fresh Water Production

Two Alfa Laval Desalt Steam Flash and Energy Recovery Evaporators

One Pall Rochem Sea-Water Desalination Unit (Reverse Osmosis)

Steam Evaporator	900 Metric Tons per 24 hour each
Sea-Water Desalination Unit (Reverse Osmosis)	300 Metric Tons per 24 hours
Total Fresh Water Production	2,100 Metric Tons per 24 hours
Fuel Consumption	1 Gallon = 60 Feet
Nautical Mile	1.15 Miles

Food & Beverage

Daily Food Preparation (including crew)	22,000 Meals
Desserts Prepared	63,000 per week
Appetizers Prepared	49,000 per week
Steaks Prepared	14,000 per week

Consumed this week

Beef	19,000 lbs.	Fresh Fruits	45,000 lbs.
Chicken	18,000 lbs.	Fresh Vegetables	64,000 lbs.
Pork	75,000 lbs.	Potatoes	18,000 lbs.
Lobster	3,500 lbs.	Mixed Frozen	85,000 lbs.
Seafood	11,000 lbs.	Ice Cream	1,400 qts.
Salmon	3,800 lbs.	Fresh Berries	600 lbs.
Fresh Eggs	75,000 pcs.	Milk	1,200 gallons
Flour	25,000 lbs.	Yogurt	4,200 each
Sugar	4,300 lbs.	Cheese	5,800 lbs.
Coffee	1,500 lbs.	Slices Of Pizza	18,000 pcs.