



L E A P H E R

Dream beyond the horizon

NAVIX50 SHORT SPECIFICATION FILE
49.2M EXPLORER



BUILT BY: LEAPHER SHIPBUILDING B.V.
THE NETHERLANDS

General Information

Naval Architecture	Leapher Yachts
Interior & Exterior Design	AB Design
Hull class	Lloyds Register #100A1 SSC Yacht Mono G6
Hull	Ice Class 1c (Optional)
Hull Type	Full displacement

Technical Specifications

Length Overall	49.2 meters / 201'1 feet
Length at Waterline	46m / 151' feet
Moulded Beam	9 meters / 36'6 feet
Overall Beam	9.3m
Draft	2.7 meters / 11'8 feet
Gross Tonnage	499
Hull Material	Steel
Superstructure Material	Aluminum
Decking	Future teak
Stabilizer fins	Fixed
Bow thruster / Stern thruster	Tunnel bow thruster
Generators	Caterpillar/Scania
Emergency Generator	Marine
Propeler	5 Blade fixed Pitch



Technical Specifications

Propulsion Class	Lloyds
Drivetrain	Azimuth Drives

Performance Metrics

Maximum Speed	14.5 knots
Cruising Speed	12 knots
Long Range speed	10 knots
Long Range	5500 nm @ 10 knots
Range at Cruising Speed	3300 nm @ 12 knots
Range at Maximum Speed	1800 nm @ 14.5 knots
Autonomy/Endurance	6 days at Zero Discharge Areas

Accommodation Details

Maximum Guests	12+2
Sleeping Capacity for Guests	12
Number of Guest Cabins	6+1
Maximum Crew	11
Number of Crew Cabins	6

Capacity Information

Fuel Capacity	75 m ³ / 19,800 gallons
---------------	------------------------------------

Fresh Water Capacity	12 m ³ / 3,200 gallons
----------------------	-----------------------------------

Battery Bank (KW)	240
-------------------	-----

Water Makers	2x7000 ltr /day
--------------	-----------------

Freezer Storage	6 m ³
-----------------	------------------

Cold Storage	8 m ³
--------------	------------------

Garbage Storage	2 m ³
-----------------	------------------

Carry-On Equipment

Carry on tender	2	Type: RIB, length 8,5m
-----------------	---	------------------------

Toys	2 x jet skis
------	--------------

Rescue Boat	1	Type: RIB, length 4,5m
-------------	---	------------------------

Environmental Compliance

Emission Control	Tier III
------------------	----------

Waste Management	Martin's systems
------------------	------------------

Antifouling Practices	Low Friction, Biodegradable
-----------------------	-----------------------------

Noise Reduction	Rw (45dB)
-----------------	-----------



Dream beyond the horizon



LEAPHER 5



welcome@leapher.com



www.leapher.com



Bijlandseweg 17-19
6916 BH Tolkamer
The Netherlands