



# MIZU

174' (53.04m) 2004 Oceanfast  
Greece



## OVERVIEW

Manufacturer:	Oceanfast		
Engines:	2 MTU	Hull Material:	Aluminum
Engine Model:	16V4000	Cruise Speed:	20 Knots
Engine HP:	3750	Max Speed:	28 Knots
Beam:	29' 0"	Cabins/Heads:	5 / 6
Max Draft:	8' 2"	Fuel Type:	Diesel
Water:	3807 G (14411.06 L)	Fuel:	22000 G (83279.02 L)

€13,999,000





# Data Sheet

Category: Superyacht	Crew Cabins: 5	Gross Tonnage: 498
Subcategory: Motor Yachts	Crew Sleeps: 10	Stabilizers: Standard
Condition: Used	Maximum Speed: 28 Knots	Stabilizer Brand: SeaState
Model Year: 2004	Cruise Speed: 20 Knots	Bow Thruster: Yes
Refit Year: 2023	Fuel Type: Diesel	Fuel Tank: 22000 gal (83279.02 liters)
Beam: 29' (8.84m)	Super Structure Material: Aluminum	Fresh Water: 3807 gal (14411.06 liters)
Max Draft: 8' 2" (2.49m)	Hull Material: Aluminum	Classification: Bureau Veritas,
LOA: 174' (53.04m)	Air Conditioning: Yes	Commercial Registry
Cabins: 5		Imported: No
Sleeps: 10		Builder: Oceanfast (Australia)
Heads: 6		Interior Designer: Sam Sorgiovanni (Australia)

## Engines/Generators

### Engine 1

MTU  
16V4000  
Inboard  
3750HP  
2796.38KW  
Fuel: Diesel

### Engine 2

MTU  
16V4000  
Inboard  
3750HP  
2796.38KW  
Fuel: Diesel

### Generator 1

Northern Lights  
150KW

### Generator 2

Northern Lights  
150KW



# Summary/Description

Mizu's striking and almost military exterior exudes character and adventure. Her contemporary interior spaces are calm yet vibrant and an impressive range of entertainment features, including an on deck jacuzzi and basketball court, invoke guest interaction and energy.

## FULL SPECIFICATION

### 1. CONSTRUCTION

Aluminum hull and superstructure, teak decks. All three decks are teak. Awlgrip paint system.

### 2. DIMENSIONS

#### 2.1 General

Length Overall (L.O.A.):	174.00 feet	(53.03 meters)
Beam (molded):	29.00 feet	( 8.84 meters)
Draft (loaded):	8.20 feet	( 2.50 meters)
Tonnage:	498 gross	

#### 2.2 Capacities

Fuel Capacity:	22,000 US Gallons	(83,270 liters)
Water Capacity:	3,807 US Gallons	(14,409 liters)
Watermakers:	3,000 US Gallons	(11,340 liters)
Lube Oil:	528 US Gallons	( 2,000 liters)
Waste Oil:	528 US Gallons	( 2,000 liters)
Grey Water:	1,500 US Gallons	( 5,676 liters)

#### 2.3 Speed

	Consumption per hours	RPM
Maximum: Up to 28.0 knots	330	2,150
Cruising: 20.0 knots	261	1,800
Full load slow: 17.5 knots	190	1,550



Economical: 11.0 knots 64 900

\*Calculated based on 20% reserve fuel

### 3. **MACHINERY**

#### 3.1 Main Engines

Engine Type: 2 MTU 16V4000 diesels @ 3,750 Hp each  
Drive: 5-blade fixed pitch propellers plus spare set

#### 3.2 Generators & Electricity

Output: 120/208/440V/60 Hz  
Generators: 2 150 kW Northern Lights  
Generator Fuel Consumption: 8 Gallons per hour  
Shore Power: Atlas 125 kW

#### 3.3 Air Conditioning:

Type: N.R. Koeling ducted on main and owner's deck  
Fan coils in guest and crew staterooms

#### 3.4 Other Machinery

Watermakers: 2 HEM 5,000 gallons per day total  
Trim Tabs/Stabilizers: SeaState ride control system, underway only  
Bow Thruster: Quantum hydraulic propeller  
Fuel Separator & Filtration: Alfa Laval  
Sewage System: Hamann Wassertechnik  
Bilge Water Filtration: DVZ  
Soot Cleaners: "Idquo Soot Sinkers" for generator exhausts  
Load Bank: Sephco  
Toilets: Evac VT90 silent



Tank Tests:

AMC Institute, Tasmania

#### **4. COMMUNICATION, NAVIGATION & ENTERTAINMENT SYSTEMS**

##### **4.1 Communication Systems**

SATcom: Nera F77  
2 Furuno Felcom 15 Sat Com C  
Nera Worldphone Mini M Sat Com M

Telephone System: Panasonic

SSB: Furuno FS 2570 SSB watch receiver

VHF: 2 Furuno FM 8500

7 Icom IC602

Cellular Phone System: GSM (2) Telular

Intercom: Panasonic

##### **4.2 Navigation Systems**

Radar: X-Band Furuno FR 2125-B

S-Band Furuno FR 2135-S-B

Gyrocompass: C Plath digital

Magnetic Compass: C Plath and Plastimo

Auto Pilot: C Plath Navipilot V HSC

Depth Sounder: Furuno FE 700 and Furuno 1200L

GPS: Northstar 952X

Furuno Navigator GP80

Furuno Satellite Compass

Electronic Charts: Transas with world charts

Weather: Bon Voyage

Ships Computer: Dell PC with HP fax/copier/printer

Laser Plotter:



Wind/Speed Log:	B&G Hydra with Furuno navigator GP80 log
Navtex:	Furuno NX500
Loud	Hailer: Imcos
AIS:	Furuno

#### 4.3 Entertainment System:

- Sea Tel Worldwide Satellite TV system
- 3 42" Sony Flat screen plasma TV's
- 32" Samsung Flat screen
- 5 Regular TV's
- All public areas and staterooms are equipped with complete sound systems, DVD/CD players and VCR's
- Separate sound systems in galley, engine room and outside deck areas

#### 4.4 IT Equipment:

- Central ship's server
- Wireless network throughout the vessel for wireless laptop use
- High speed data network through Sat Com B at 56 kps

### 5. **GALLEY & LAUNDRY EQUIPMENT**

#### 5.1 Main Galley Equipment

Cooking Equipment:	Vulcan 6-burner with oven
	2 Hobart steam/convection ovens
	Miele fryer and Amana microwave oven
Refrigeration/Freezer:	N.R. Koeling
	Sub Zero fridge with drawers and Sub Zero wine cooler
Dishwasher:	Hobart
Other:	Kitchen Aid sink grinder
	Scotsman icemaker and GE compactor



## 5.2 Crew Galley/Mess Equipment

Cooking Equipment:	Frigidaire microwave oven and 1 ISE instant hot
Refrigeration/Freezer:	Frigidaire
Other:	Frigidaire dishwasher

## 5.3 Additional Galley Equipment

Other: hot in Steward's Pantry	Miele dishwasher, Scotsman icemaker, Miele coffee maker and ISE instant
Bars: refrigerators and ice makers	Located in salon, upper salon, sundeck, Owner's outside dining, all with

## 5.4 Laundry Equipment:

Main Laundry Equipment	2 Whirlpool Duet large capacity washing machines 2 Whirlpool Duet large capacity tumble dryers Miele roller iron
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## 6. **TENDERS & TOYS**

Tender Cranes:	Nautical structures 5,500 lb SWL (port side)
Rescue Tender Crane:	Nautical structures 5,500 lb SWL (stbd side)

## 7. **DECK EQUIPMENT**

Anchor Winch:	2 Muir hydraulic
Aft Warping Capstans:	2 Muir 2-speed hydraulic
Anchors:	Pool HHP
Anchor Chain:	2 550'
Passerelle:	Hydraulic with teak treads
Boarding Ladder:	2 Marquipt split
Tender Whips:	Swim platform, port and starboard sides



## 8. **SECURITY, FIRE FIGHTING & SAFETY EQUIPMENT**

### 8.1 Security Equipment:

CCTV System:	Pelco
Cameras:	8 Pelco cameras

### 8.2 Fire Fighting Equipment:

Fire Control System:	Engine room CO2 system
Fire Detection:	Consillium
Alarms:	Semco alarms and alarm panels

### 8.3 Safety Equipment

Life Rafts:	4 16-person RFD Commercial
Life Rings:	8
EPIRBS:	ACR
Hi Fog:	Semco
Searchlight:	2 San Shin SD
Horn:	Kahlenberg Trumpet 5 tone

## 9. **ACCOMMODATIONS**

### 9.1 SUN DECK

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The exceptionally spacious sundeck has a control station forward with 2 place seat adjacent and a dumbwaiter for food delivery to this deck. Further aft under the arch is an outside shower with bathroom outboard to port and large storage locker to starboard. There are 2 place settees at observation wings either side of the sundeck forward of the arch - an ideal place to sit while cruising. The sundeck can be covered by a semi fixed awning back to the Jacuzzi area.

A central Jacuzzi is further aft on the sun deck with settees either side, a sky light that lights all the way to the lower deck, and a wet bar with barbeque behind. There is built in seating all the way aft on the sundeck and staircase access down to the next deck.





## 9.2 OWNER'S DECK/BRIDGE DECK

The wheelhouse is forward with walk around decks outside. The “Idquo glass” bridge is superbly laid out with central chart table looking forward, 2 helm chairs either side and one behind, and a Captain's leaning post. There is a refrigerator under the console and easy access to all the electronics underneath.

Further aft is the Radio Room with desk outboard and dumbwaiter access forward. A separate crew stair is further aft going down to the main deck galley and crew access area.

The master suite is located on the upper or bridge deck and as such has exceptional views and light, and excellent privacy. The owner's bathroom is forward to port with Jacuzzi tub and steam shower, TV, heated towel bars and his and her sinks and toilet and bidet in a separate room. Extensive closet space is further aft and the owner's stateroom is aft of that. A centerline king size berth has nightstands either side, there is an armoire to port, a built-in refrigerator adjacent to a large stuffed chair with ottoman are outboard to starboard.

Aft on the starboard side through the owner's lobby, there are two doors out to the starboard deck and access to the central staircase and atrium skylight through the entire yacht.

The upper deck salon, owner's salon or sky lounge is further aft with flat screen TV and entertainment center with book shelves on the forward bulkhead, wet bar with refrigerator, icemaker and sink outboard to port, a game/dining table to port and a settee to starboard.

Out through double doors to the outside dining deck area, mainly shaded from the sun deck overhead. There is a storage locker to port under the stairs up to the sun deck, a TV and wet bar opposite, a central teak dining table with summit chairs and built in U-shaped seating all the way aft. Dual staircases access the main deck below.

## 9.3 MAIN DECK

Anchoring and anchoring mast are all the way forward, bosun's locker aft and crew escape hatch nearby.

The main galley is on the deck forward to port with large dry store room forward and walk-in freezer and refrigerator rooms opposite. The main galley has great windows and a serving pantry further aft with crew access to the port side deck.



The Captain's Cabin is on the main deck, fitted with a queen berth, desk under the windows and adjoining bathroom with shower.

Aft of the pantry on the port side is the dining salon, again with great windows, dining table and chairs for ten, and extensive storage cabinets aft and outboard.

In a lobby area ahead of the dining room is the on deck powder room.

The central staircase with skylight and atrium effect is a beautiful feature of MIZU at the lobby area, which has double doors out to the wide side decks.

The owner's office/study is outboard to port of the staircase and again has exceptional windows and a sliding door to the main salon.

The main salon is further aft with flat screen entertainment center centrally forward, settees both sides, a game table aft to port and a full stand up bar to starboard.

Out double glass doors to the main aft deck, there is exceptional sunning space on this teak

deck where the tenders are also stored when running. They are launched by cranes either side. Access to the swim platform is down a central staircase which also houses the passarelle. There is engine room access to starboard and fuel storage lockers to port.

#### 9.4 LOWER DECK

All the way forward are two exceptional crew cabins each with upper and lower berths, en-suite bathrooms and great storage.

Two larger crew cabins are further aft each with upper and lower berths and en-suite bathrooms and great storage.

Further aft to starboard, the laundry is a good size with linen closet built in, sink, roller iron and double washers and dryers.

The exceptional crew mess is opposite with L-shaped seating around two dining tables and a crew galley forward,



entertainment and security center adjacent.

There is access from the crew quarters to the four guest suites further aft making crew service of the guest cabins very easy and private.

There are four guest suites located amidships in the vessel for comfort.

The two forward guest suites have queen berths, vanity desks, and en-suite bathrooms each with heated towel bars, tub and shower.

In the guest lobby area there is a small wet bar, linen locker and access to the central staircase.

The two aft guest suites each have twin berths, vanity desks and en-suite bathrooms each with heated towel bars, two sinks and tubs with showers. Toilets are in separate rooms.

The engine room is further aft and the engine control room is aft of the main engine room.

The lazarette is well laid out with bathroom to port, Atlas shore power convertor on the centerline, a refrigerated garbage room to port, storage for water toys and access to the swim platform.

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## 10. **COMMENTS**

In Japanese philosophy there are five elements, of which *Mizu* or water is one. It represents all things fluid and flowing but also relates to adaptability, flexibility and magnetism. The 53m *Mizu* represents many characteristics attributed to her name. Her striking and almost military exterior exudes character and adventure. Her contemporary interior spaces are calm yet vibrant and an impressive range of entertainment features, including an on deck jacuzzi and basketball court, invoke guest interaction and energy. With an exhilarating top speed of up to 28 knots and an impressive long range cruising capability, this ocean-going yacht lives up to her name.

### **Key Features:**

- Full refit completed in 2016 and 2023
- Incredibly unique and head turning design
- Bureau Veritas / commercial registry
- Remarkable cruising ability provides transpacific and transatlantic range
- Capable of reaching speeds of up to 28 knots



- Dedicated Owner's deck
- Impressive sun deck with 14-person Jacuzzi pool, bar & sun loungers
- Storage for two 25' tenders on the aft deck
- Extremely quiet underway
- Expansive exterior decks for entertaining
- Oversized windows throughout
- Asian inspired Modern-Deco interior design
- Upper deck home theatre with AV/IT throughout

## **11. MIZU REFIT WORK: Summer 2023**

### Main Engines

- Compete Service
- Lube oil, filters & coolant
- Major overhaul of (2) Seawater pumps
- Installed (2) freshwater pumps
- Valve clearance checked & adjustment
- Gear box coolers – cleaned & flushed

### Diesel Generators

- Major mechanical overhaul of port & starboard generators

### Sea Water & Bilge System

- All sea chest & overboard valves overhauled and/or replaced
- Bilge pump overboard piping replaced
- Auxiliary sea water suction piping replaced

### Main Engines Exhaust System

- Replaced starboard side compensator
- Replacement of port and starboard sections of wet exhaust system as required



### Deck Machinery

Major Overhaul of:

- Port and starboard boat deck cranes
- Port and starboard anchor windlasses (gearbox and hydraulic motors)

Port and starboard capstans (gearbox and hydraulic motors)

- Aft boarding passerelle
- Port & starboard cranes load test performed as per Bureau Veritas requirements

### Hydraulic System

Major Overhaul of:

- Two (2) PTO pumps
- One (1) electrical driven pump
- Emergency power pack 24v
- Bow thruster
- One (1) electrical driven pump replaced

### Stabilizers

- Full overhaul of (4) hydraulic cylinders

### Flaps

- Full overhaul of (2) hydraulic cylinders

### Steering Gear

- Full overhaul of (2) hydraulic cylinders
- Diesel generators exhaust system
- Port and starboard side wet section exhaust pipes replaced

### Air Conditioning & Refrigeration System

- Full service of (4) compressors incl. oil & freon replacement condenser cleaning
- Full overhaul of (4) seawater pumps
- Fresh water pump replaced
- All fan coils cleaned
- Full overhaul of all supply incl. installation of new filters
- Installation of a new compressor for the deep freezer chamber



#### Main Engines & Diesel Generators Exhaust Insulation

- Removed & inspected with partial replacement as required

#### Sewage system

- Full overhaul of Hamman & vacuum pump

#### Watermaker

- Chemical cleaning & flush system
- Replacement of sand filter
- Major overhaul of two (2) high pressure pumps & motors

#### Hull Bottom

- Aluminum shell plates replacement as required
- Zinc Anodes replaced
- Antifouling application

#### Batteries

- Replacement of all service and emergency batteries

#### Hull

- Hull paint touch up with complete polish

#### Monitoring System

- Installation of new vessel monitoring system (as per Bureau Veritas)

#### Various Electrical Inspections & Tests

- Megger test
- Emergency lighting system repair & test
- Bilge alarm & float switches test
- Fire alarm system repaired & test
- Fire and bilge pumps
- Test doors indication test

#### Wheelhouse

- Radar replaced with new NMEA
- Buffer installation
- ECDIS installation



- Display Hatteland VGA replaced with new starboard side wing station
- Tiller control repair
- Starboard side wing station maneuvering controller repaired

#### Teak Deck

- Sun Deck teak replacement
- Main & Sun Deck sanded
- Cathodic protection system
- Cathodic protection serviced

#### Sliding Electric Doors

- Installation of new ball bearings & nylon guide sliding electric doors

#### CCTV System

- System restored
- Installation of 2 new cameras in the Engine Room

#### Tanks

- All tanks cleaned & inspected























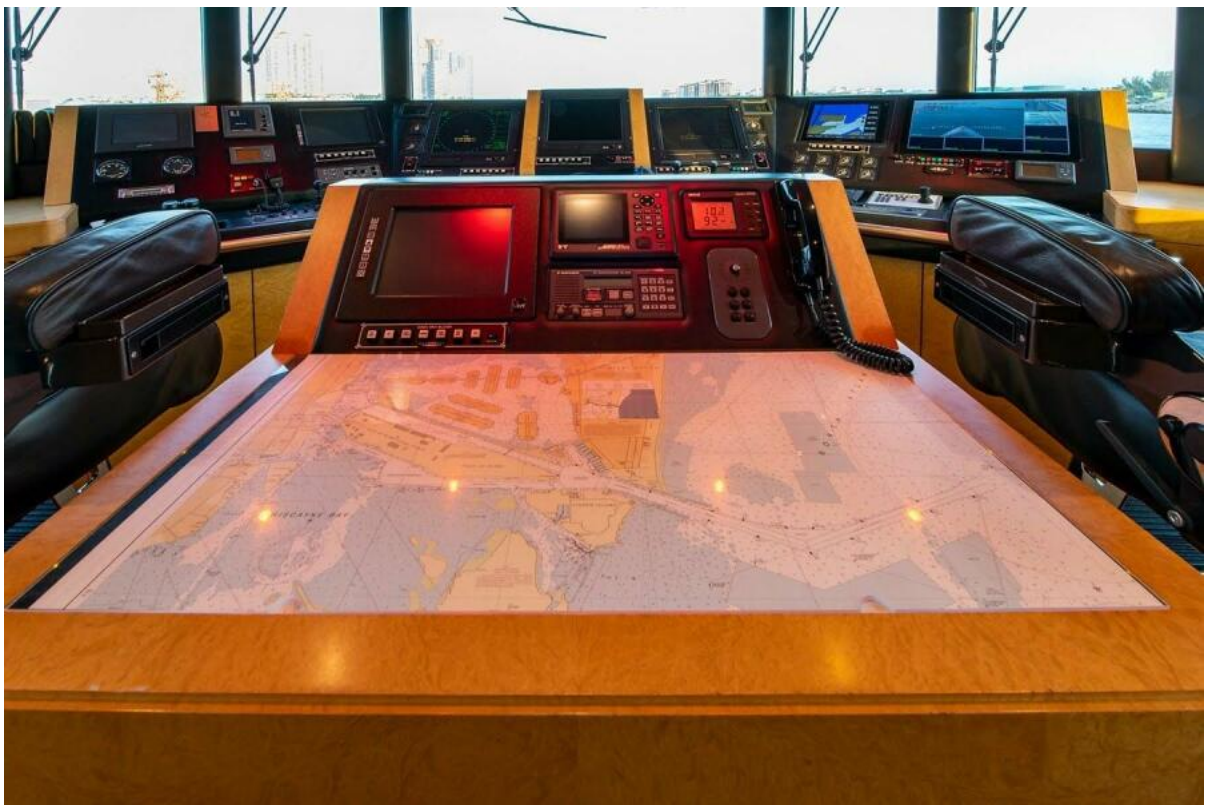




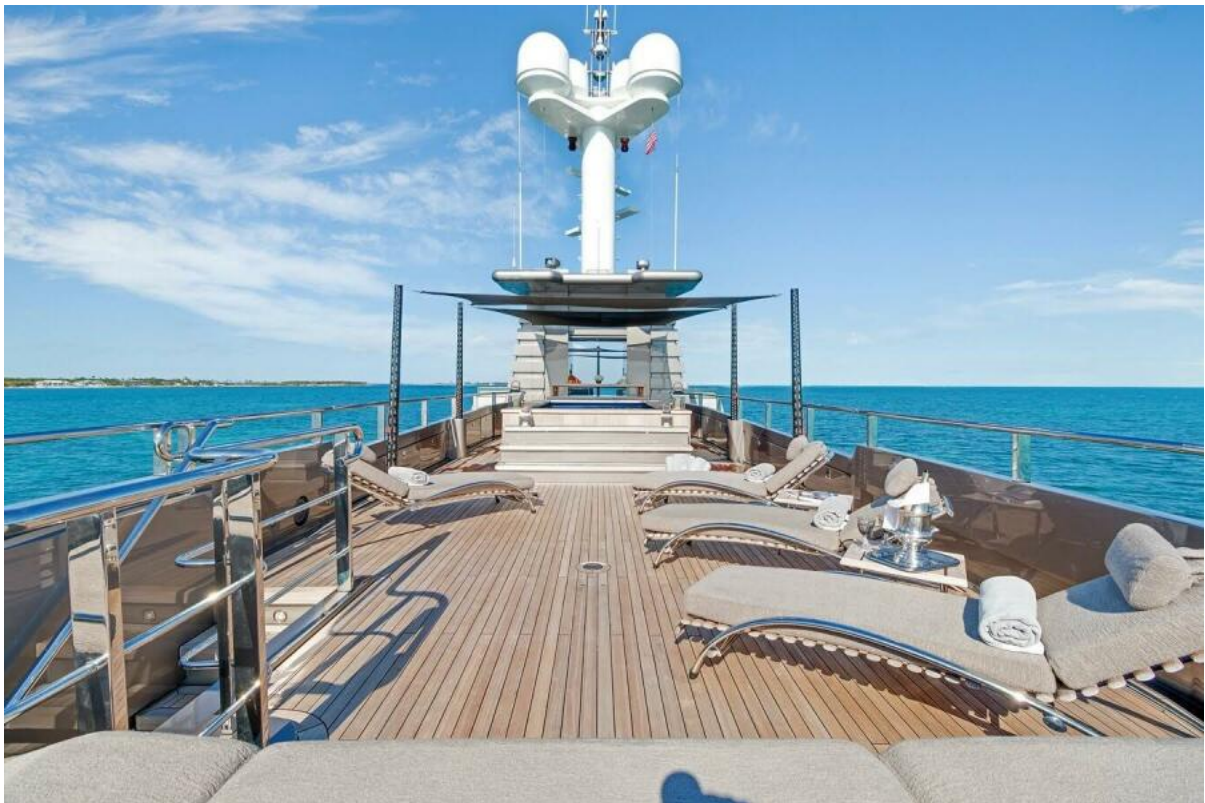










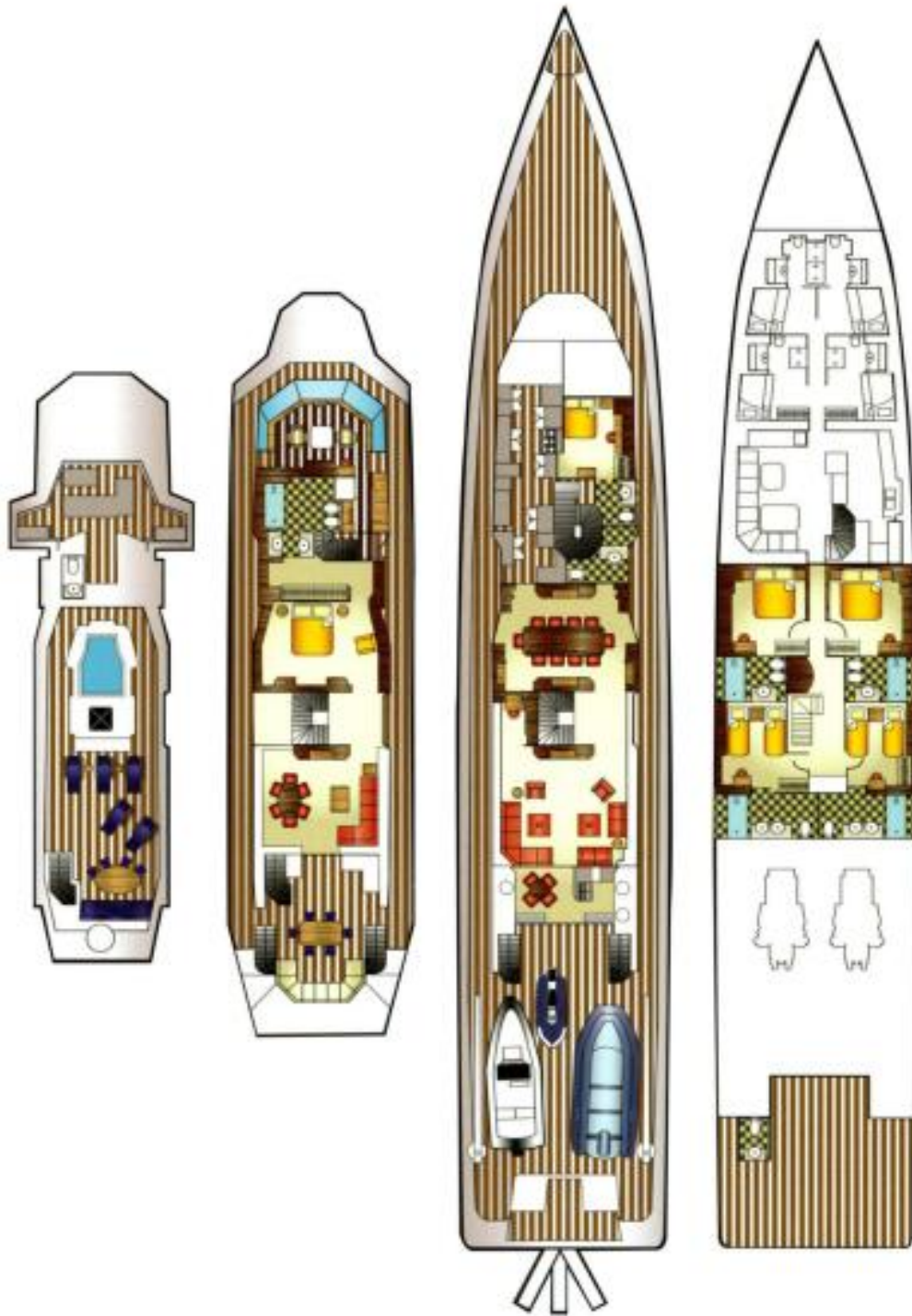












MIZU, 174' (53.03m) Oceanfast Motoryacht, 2004/2023