

# Brief Specification

## General

Building number  
Project Strato  
Yard: Feadship Royal van Lent  
Class Lloyds  
Registration Cayman Islands  
Exterior designer: Dobroserdov Design  
Interior designer: Dobroserdov Design & Michela Reverberi

## Main Particulars

|                      |                             |
|----------------------|-----------------------------|
| Length over all      | 51.80 m 169' 11"            |
| Length waterline     | 50.60 m 166' 0"             |
| Beam moulded         | 9.00 m 29' 6"               |
| Beam over all        | 9.60 m 31' 6"               |
| Draught fully loaded | 2.50 m 8' 2"                |
| Depth                | 4.50 m 14' 9"               |
| Freeboard            | 2.00 m 6' 7"                |
| Fuel capacity        | 60 m <sup>3</sup> 15849 USG |
| Water capacity       | 10 m <sup>3</sup> 2642 USG  |
| Maximum speed        | 20.00 kts                   |
| Cruising speed       | 10.00 kts                   |
| Range                | 4,500 nm                    |
| Number of guests     | 10                          |
| Number of crew       | 9                           |
| Block coefficient    | Cb 0.45                     |

## Propulsion

For 20 knots  
Main Engines 2 x MTU 16V4000M73  
Power 2,560 kW 3433 Hp  
Revolutions 1,970 rpm

For 18 knots  
Propulsion for 18 knots  
2 x MTU 16V2000M72  
Power 1140kW  
Revolutions 2,250 rpm

## Generators

Generator Power (kW) Speed (rpm) Frequency (Hz)  
3 x Caterpillar C9 175 ekW 50Hz 175.00 1,500 50.00

For diesel electric cruising:

Two electric motors (2 X 150 kWa) for slow, up to 10 knots cruising

## Volumes

Gross tonnage 495.00 GT