

MOTOR YACHT A

SPECIFICATION

TYPE

Private Motor Yacht

FLAG

Hamilton, Bermuda

DIMENSIONS

Length O.A. 119.00m
Length W.L 118.38m
Beam 18.87m
Draft Max 5.15m

TONNAGE

Gross Approx. 5500tons

OWNER AND GUESTS

14
1 Owners Suite
6 Guest Suites

CREW

37 + 5 Owners Staff

YEAR BUILT

2008

BUILDER

Blohm + Voss Shipyards GmbH
a company of ThyssenKrupp Marine Systems
Hamburg, Germany

DESIGNERS

Chief Concept and Art Designer Philippe Starck

Technical and Naval Designer Martin Francis

CONSTRUCTION Welded steel

CLASSIFICATION Lloyds Register of shipping ✱ 100 A1 SSC Yacht (P)

Mono G6 ✱ LMC UMS PSMR EP SCM

MACHINERY

MAIN ENGINES 2 x MAN RK280 Producing 9000kW at 1000rpm

GEAR BOXES 2 x RENK ASL 185

SHAFTS & PROPELLERS 2 propeller shafts driving 2 five bladed VATech high skew controllable pitch 3.60m diameter propellers

SPEED Cruising speed 19.5 knots

Full Speed 23 knots

RANGE Full speed 8 days covering a distance of approx 4250 nm

Cruising speed 15.5 days covering a distance of approx. 6500n

AUXILIARY MACHINERY & ELECTRICAL SYSTEM

GENERATORS

3 x 440v, 960 kw 8 cylinder Caterpillar 3508B diesel generators
1 x 440v, 440 kW 6 cylinder Caterpillar C18 diesel emergency generator

ELECTRICITY

440vAC 3 phase 60Hz
400vAC 3 phase 60Hz
230vAC single phase 60Hz
24vDC

SHORE POWER

2 x 440vAC 60Hz shore power connections
600 Amps

TANK CAPACITIES

FUEL OIL

757m³

LUBRICATING OIL

20m³

WATER

94m³ Potable water
52m³ Technical water
579m³ Ballast water
86m³ Waste water

AUXILLARY EQUIPMENT

STEERING SYSTEM

2 x Rolls Royce SR722-FCP rotary vane units

BOW THRUSTER

2 x 330kw Brunvoll FU-45-LRA-1375 resiliently mounted lateral thrusters

STABILIZERS

4 x Quantum zero speed stabilisers

FUEL OIL PURIFIERS

2 x GEA Westfalia mineral oil Separators OSD 18-91-067

OIL/WATER SEPARATOR

1 x DVZ Oily Water Separator 1m³/day

SEWAGE TREATMENT SYSTEM

1 x Veolia water Memrod LT bioreactor 18 m³/day

AIRCONDITIONING

3 x Bitzer CSH85 Water Chiller units

WATERMAKERS

2 x HEM 30 reverse Osmosis plants, 2 producing 80 tonnes of potable water each.
1 x Technical water purification plant consisting of one HEM 30 first stage unit and one HEM 20 second stage purification plant producing 30 tonnes of purified technical water per day

SAFETY & SECURITY EQUIPMENT

SAFETY

Draeger/SAM Electronics
S4 Rescue SART
McMurdo Smartfind E5 EPIRB

FIRE FIGHTING

Draeger gas detection system
Consillium Fire detection system
Ship wide Marrioff high pressure water mist
extinguishing system
Garage sea water drencher system

SECURITY

Bosch CCTV system
NEDAP & PVIS security system

ALARM & MONITORING SYSTEM

SAM Electronics MCS2200
Monitoring and Control
Power Management System
Propulsion Control System
Gas Detection System

COMMUNICATION EQUIPMENT

SATCOM

2 x Mini C
1 x Fleet 77 TT-3008C
2 x Seatel VSAT antenna

CELLULAR SYSTEM

4 x Fixed Sagem Telsat GPRS Base Units

VHF RADIOTELEPHONES

2 x Sailor VHF RT5022
1 x Sailor VHF CU5000

SSB RADIOTELEPHONE

MF/HF Transceiver unit HC 4500

TELEPHONE SYSTEM

Cisco VOIP system
Cisco Call manager software

AUDIO/VISUAL ENTERTAINMENT SYSTEMS

Installation by Van Berge - Henegouwen

SATELLITE TELEVISION VIDEO RECORDERS/PLAYERS & STEREO MUSIC SYSTEM

NAVIGATION EQUIPMENT

MAGNETIC COMPASS

C Plath Jupiter Type 2060

GYRO COMPASS

Sperry Marine Navigat 2100

INTEGRATED BRIDGE SYSTEM

Intech UniMACS 3000 Integrated Bridge System
incorporating: Alarm Monitoring & Control System,
RADAR 3500 X- and S- Band, ECDIS 3500, CONNING
3500 navigation conning system, NAVPILOT autopilot,
DPT 3500 Dynamic Positioning, CCTV 3500, GMDSS,
External communication, and tender tracking system

ECHO SOUNDER

Furuno FCV-1200L

GPS

MX Marine MX 420

WEATHER FAX

SPOS

NAVTEX

McMurdo NAV-7 GMDSS Tri-channel Receiver

WIND INSTRUMENTS

Observator Meteo display OMC-939

DOPPLER LOG

Furuno DS-50

DECK EQUIPMENT

ANCHOR WINDLASS

Steen 23-9-19
38mm Cable diameter
Maximum force 140kN

AFT WARPING CAPSTANS

Steen 59-9-18
Maximum force 90kN

BOAT CRANE & DAVITS

Van Driel
2 x OHD Lifting capacity 7000kg each
4 x Telescopic overhead davit lifting capacity
1500kg each
2 x Telescopic overhead davit lifting capacity
1800kg each

PASSERELLE/BATHING PLATFORM

Blohm + Voss GmbH Office Engineering Kiel
210-214

GANGWAYS

4 x Hydromar gangways
2 for Guest use
2 for Crew use

SEARCHLIGHT

Carlisle & Finch

OTHER EQUIPMENT

HELICOPTER PAD

Helipad located on the Forward main deck

ELEVATORS

1 x Lutz Owner/Guest Lift
2 x Lutz Crew/Service lift

TENDERS & WATERSPORTS EQUIPMENT

TENDERS

1x covered tender powered by 2 x Yanmar 6LP-STZP2

Length 11m

Beam 3.45m

Cruising speed 35kn

1x Open tender powered by 2 x Yanmar 6LP-STZP2

Length 11m

Beam 3.36

Cruising speed 35kn

1 x Pascoe SY10 powered by 2 x Yanmar 6LP-STZP2

Length 10.08m

Beam 2.94m

Cruising speed 45kn

RESCUE TENDERS

2 x Pascoe 6 mtr.

OWNERS

Melnichenko family, Russia.