This long-range motoryacht was designed for a Russian client and has a much more European flair than most of our designs. It was made for entertaining with a formal main salon, a more casual library/lounge with fireplace and a dramatic forward dining room. The vessel has a large owner's apartment on the upper deck which extends out onto a private deck. There is also a huge walk in closet and very spacious bathroom. Directly forward is a stateroom for family or security personnel. The captain's cabin and ship's office are both right behind the bridge.

The main deck has great outdoor space with large glass doors that open up into the main salon. The library/lounge has large panoramic windows. Forward are the galley and the main dining room.

Below decks are four large guest staterooms while forward there are accommodations for eight crew and a crew lounge. Aft of the engine room is a tender garage housing a 23 ft. runabout as well as jet skis.

The flybridge has large sun pads, lounging space, a dining area, barbeque and bar. A hardtop for sun shade is provided over the central area.

The super fuel-efficient, semi-displacement hull form that has been thoroughly tank tested with our latest hull technology to ensure superior powering characteristics and seakeeping. The hull is a conically projected, double chined form with wide spray knocker, flared bow, and a transom stern. It is longitudinally framed with wide spaced transverse frames for maximum strength.

This vessel has in excess of a Trans-Atlantic range at 12 knot cruise as well as being capable of higher semi-displacement speeds for local cruising.
PRINCIPAL DIMENSIONS (approx.)
- Length Overall: 45.5m (149’-4”)
- Length Waterline: 39.5m (129’-7”)
- Beam: 9.85m (32’-4”)
- Draft: 2.96m (9’-8”)
- Displacement (S.W.): 382 Tonnes (841,000 lbs.)

CONSTRUCTION
- Hull Construction: Steel
- Superstructure Construction: Aluminium
- Class: Lloyd’s Register

TANKAGE
- Fuel Capacity: 37,850 L (10,000 US gal.)
- Fresh Water Capacity: 11,350 L (3,000 US gal.)
- Grey & Waste Water Capacity: 1,900 L (500 US gal. each)
- New & Used lube oil storage: 375 L (100 US gal. each)

MACHINERY
- Main Engines: 2 x 1000 HP Intermittent rating
- Gensets (diesels): 2 x 90 kw (50 Hz)
- Watermakers (reverse osmosis): 2 x 1,000 US gal. per day

POWERING PREDICTIONS (estimated)
- 12 knots: 1 x 500 HP fuel consumption 24.0 gal/hr range = 5000 knt. miles
- 14 knots: 2 x 465 HP fuel consumption 46.0 gal/hr range = 3000 knt. miles
- 16 knots: 2 x 1000 HP fuel consumption 106 gal/hr range = 1500 knt. miles

STABILITY (half loaded, intact, estimated)
- Positive righting arm past 160 degrees
- Downflooding point past 60 degrees
- GM = 4.0 ft.

MAIN ENGINES
- 2 x 1000 hp diesels with underwater exhaust (MAN).

SHAFTS AND PROPS
- 2 x standard shafted 4 blade high performance props.

WATERTIGHT BULKHEADS
- 4 watertight bulkheads make for 5 watertight compartments.
FIXED/ACTIVE STABILIZERS
   A stabilization system shall be installed utilizing a Key Power hydraulic system. Shipyard to fabricate the fins to a Bray Yacht design.

BOW THRUSTERS
   Hydraulic thruster to be fitted in the bow.

BOW ANCHOR WINDLASS
   Muir windlass with power up and down switches

DINGHY DAVIT
   An electric dinghy davit system capable of 1,600 kg (3,500 lbs.) lift at 6.7m (22’) reach shall be fitted in the dinghy garage.

TRANSOM
   The transom door shall fold down to become a swim beach. A section shall also lowered into the water to use for diver access (Opacmare).

HARDTOP
   Fixed hardtop with radar arch style mast.

GENSET
   2 x Northern Lights diesel 90 kw 50 cycle genset with sound shield

BATTERY BANKS
   Arranged into systems of priority. One system for starting the main engines, one for the gensets, and one system for house power.

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