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PRE-PURCHASE SURVEY: DESCRIPTION

This is a comprehensive survey which requires the surveyor team to thoroughly inspect the vessel, her machinery, her systems and equipment, to establish in as far as practical, her condition, quality and faults.

The survey itself is followed by a detailed report including an appendix with photographic evidence, along with the surveyor's recommendations and a conclusion providing an overview of the state of the yacht taking into considerations its age and maintenance status.

The inspection includes the following phases:

1) Inspection on the dry:

- assessment of structural integrity,
- water-tightness of the hull, rudder&stern gear and other appendages.
- condition of the cathodic protection,
- condition of the antifouling,
- condition of other hull accessories.

2) Sea trials:

- vessel speed
- maneuverability characteristics
- navigation electronics
- main engines
- engine performance
- engine Instruments
- engine room ventilation
- astern test
- system vibration
- noise readings in guest/crew spaces
- auto-pilots
- water makers
- bow/stern thrusters
- stabilization systems
- anchoring trials
- tender launching (if not feasible at the dock)

3) General inspection on board and dock trials

4) Report write-up

The report will include the following aspects:

General details of the vessel

- Principal dimensions and capacities
- Class registration
- Flag administration details
- Curiosities, history, information about the vessel

Structure of hull, deck and superstructure

- Hull below water line (structure, antifouling, appendages)
- Hull topsides above waterline (structure, rub rails, paintwork, accessories)
- Transom and aft platform
- Superstructure and accessories (roll bar, masts)
- Decks

- Internal structure (bulkheads and structural stiffening)
- Conditions of tanks
- Conditions of bilges

Machinery and systems

- General layout of engine room and other technical spaces
- Engine & installation
- Exhaust and ventilation systems
- Generator systems
- Batteries and electrical systems
- Fuel System
- Lubrication system
- Sea water cooling system
- Fresh water system
- Black water system
- Grey water system
- Bilge & fire system
- Air conditioning plant and system
- Machinery installation: bow/stern thruster, steering gear, stabilizer system, etc

External decks

- Main corridors staircases and accesses to accommodation
- Portholes & windows etc.
- Handrailing, pulpits, grab rails, etc.
- Mooring arrangements (windlass, fairleads, bollards)
- Other deck gear, cranes, and fittings
- Pasarelle, side ladders and davits
- Teak decks
- External furniture and external ceilings (cushioning and external apparatus)
- Navigation electronics and mast

Safety

- Navigation lights
- Fire fighting equipment
- Lifesaving and emergency equipment
- Medical equipment
- Charts and publications

Accommodation

- Guest accommodation including:
 - Quality and maintenance of interiors
 - Functionality of all apparatus
 - AC system
 - Toilet system
 - Entertainment system
 - other electronics accessories
- Crew areas (as per guest accommodation)

Technical areas on board

- Bridge; Navigation, telecommunication and yacht monitoring apparatus
- Galley
- Pantries
- Interior storage areas and external lockers
- Other technical spaces