

# SAIL YACHT CONDITION PRE PURCHASE SURVEY

## FIRST ANALYSY

- Visual Inspection of entire hull bottom, looking for osmosis blisters, flaw , grounding or impact evidence.
- I'll create a grid and remove locally small patches of antifouling, to see gel coat condition, keel and rudder condition.
- A moisture test with different instruments will be performed.
- Seacocks inspection with Endoscope and Hammer test
- NDT Check include: ultrasound around keel area, tapping the hull bottom in the front and around the keel area, Infrared camera
- For all this test we recommend the boat should be hauled out 3-4 days before the survey.
- The rudder and the transmission will be checked rotating the shaft and looking for any leaks.
- The topside and the transom will be visually inspected and with IR, if there will be any flaw it will be investigated with other NDT



Brands: Amel, Hallberg Rassy, Grand Soleil, X Yachts, Solaris, Oyster, Zuanelli, Hanse, Lagoon, Sun Odyssey, Oceanis, Dufour, Hylas, Contest

## STRUCTURE CHECK

I will remove the boards and check the floor, keel bolts, mold bonding, main bulkhead, mast base/pillar, engine foundations, seacocks from the inside.



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## DECK, MAST & RIGGING, ELECTRONICS

- Visual Inspection of entire deck
- Moisture check, mandatory for screwed teak deck
- Test for windlass and all the sail gear, hardware, equipments
- Mast climbing (boat afloat)
- A set of NDT test can be perform on the shrouds or rod rigging (mast removed)
- Steering system control
- Electronics test during sea trial



## SYSTEMS-ENGINE-SEA TRIAL-DOCS

All the system will be tested  
(Toilette, LPG, Bilge...)

Battery Computer Test+AC-DC Load test

Engine and Generator tested during sea trial

Sail inspection during sea trial

Mast tuning inspection

Registration documents and safety equipments check

More than  
5000 boats  
controlled  
throughout  
Europe

25 years  
experience

The report with the recommendations and photos is sent in a few days. In any case, the result is communicated at the end of the survey

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