



Inspection and Remarking of Draft Marks



Field work: 2 days, 2 staff members

Number of setups: 7

Office work: 2 days, 1 staff member

Deliverables:

- Technical Report including inspection results
- Stake out of draft marks on the ship

Advantages:

- Accurate geometry inspection
- Accurate definition of build points
- Fast process

Scope of Work

- Inspection of the existent position of ship draft marks (as-built survey)
- Adjustment and remarking of draft marks (new waterline positions).
- Measurement of the lower positions of the propeller system.



FWD draft marks



Draft marks (as-built)



Measurement Service Description

METRICA S.A. was contracted with Exantas Ltd. for the geometrical inspection and remarking of existent yacht draft marks. With **TS30** total station of **Leica Geosystems**, all important ship's details were measured. A redundant number of symmetrical and characteristic points was gathered. **Leica Axyz metrology software** was used to establish the ship's coordinate system and to adjust the geodetic network. Finally, draft marks inspection and remarking were taken place.



FWD side with old draft marks



Remarked draft marks

- when it has to be **right**

