

THE SHIPBUILDING WORK OF TRIERES - PROBLEMS FACED - LESSONS LEARNED*

The actual shipbuilding work performed-the problems faced and the solutions given will be described.

Details of the experimental work in Athens Technical University concerning model towing tests to anticipate resistance in calm water and achievable speed will be given.

Deviations from authenticity which have been adapted in order to ensure the longer life of the ship and the safety of the crew will be explained.

A description of the materials used for the constructions will be made.

A description of the hypozoma tensioning gear related problems, the temporary solution given and the questions to be answered will be attempted.

The inclining experiment and the stability of the ship.

Questions to be answered in the future.

What would I do if I were to construct now another Trieres.

Cdr. Stavros Platis
Hellenic Navy

* Commander Stavros Platis made a verbal communication and no written version was made available to the editor. For a complete report of the 1988 sea trials see J.F. Coates, S.K. Platis, J.T. Shaw "*The Trireme Trials 1988*" Report on the Anglo-Hellenic Sea Trials of *Olympias*. Oxbow Books, 1990.

