

## ■ Making Ships' Drawings and Manuals Available Worldwide

Shipyards are reluctant to provide complete drawings sets on computer media and given the shipbuilding style of today with the plethora of vendors and sub-vendors each with their own individual manuals and drawings it has become essential that Hellepont centralize and provide its staff with its own version/copy of all plans, drawings and manuals.

Since 2002 Hellepont has been scanning all its ships' plans and manuals. It has A4, A3 and A0 scanners along with software to allow satisfactory scanning of even wrinkled blueprints. The purpose of this scanning is to allow its staff to travel with the complete drawings of all its ships on their laptops. Any shipyard and/or vendor drawings are integrated with the scanned drawings to provide the most complete set of all.

Two full man-months are required to scan all the plans of a single ship - there are about 10,000 scans per ship. The scanning quality has been set such that a ship averages 4 G-bytes per ship. Though all ships are ideally individually scanned, it is sometimes necessary to "double up" on sister ships even with today's notebooks.

Onboard the ships, electronic copies of the plans are also provided to allow ready communications (e.g. plans inside of emails, graphic modifications of plan copies). Each ship generally has only its own plans.