

News from *Studio* Yacht

January 2005. The hull of the first new patrol vessel for the Seaport Police Rotterdam Rijnmond arrived at the yard in Maassluis. The "P6" is the first of a range of four vessels and will be operational in June this year. StudioYacht is responsible for the overall and technical design which has been developed in close co-operation with the police-department of Rotterdam Rijnmond.

Rotterdam (Europort) is one of the biggest ports in the world and the tasks for the Seaport Police grow every year due to all kind of developments in society and technology. Developments which demand new types of patrol vessels with state of the art technology

and tailor made for specific operations in the port area.

The vessels are 25 metres long with a maximum speed of about 29 km/hour and built under LRS with restricted area at sea. The hull shape is developed especially for this sailing area:

a round bilged hull for excellent manoeuvrability and a low bow and stern wave profile, very rigid construction and

excellent sea keeping characteristics.

From the operational side the design of the wheelhouse was one of the key-items in the design. In fact the vessel has to be operated as a real



patrol vessel by every seaport policeman. Full attention has been given to the ergonomic aspects of the design. Full scale mock-ups and VSTEP 3D virtual sightline studies of the wheelhouse have been used to optimise the functioning of the vessel and her crew.

The vessels are being built at De Haas Maassluis.

Specifications:

Length over all	25.15 M
Width	5.80 M
Draft	1.54 M
Displacement	90 Tons
Main engines	2 x DDC/MTU 12V 2000M6Q 600 KW @ 1800 rpm