

Hydrofoil supported twin screw motor
launch type Aquavit 5/9 "WATERMAN"

th(?) Launch O.A. 22'-1" Extreme breadth over deck 9'-10½"
Speed 30 knots.

This launch is of an unusual design in that when under way the hull is supported on two bow hydrofoils, and a main hydrofoil. At about half the maximum speed the hull is lifted completely out of the water and is carried on the hydrofoils. The boat is of aluminium alloy.

The scantlings have been examined and are considered suitable. The Chief Ship Surveyor has attended a demonstration run (see endorsement 24th August 1959) and the Principal Surveyor for Holland reports that he has examined the structure, including hydrofoils and their supports, and found no sign of leakage or damage.

Mr. van der Weel has forwarded plans, specification etc., together with a letter from the Owner who desired the boat classed for service on Dutch estuaries and coastal waters as far south as Ostend, Belgium, which is more extensive than the limits of "Enclosed and Coastal Waters" originally contemplated in the endorsement of 24.8.59. It is, however, considered that this extension of service could be recommended.

It is submitted Mr. van der Weel be advised that the plans and other particulars forwarded with his letter of the 12th October have been examined. The scantlings are considered satisfactory and it is noted he has examined all the structure, both internally and externally, and found it in a satisfactory condition. On receipt of a First Entry Report the vessel could be recommended for the class A "Hydrofoil Craft for service on the Dutch and Belgian Coasts north of Ostend".

The following plans are submitted for approval:-

5377-01P-	General arrangement
5377-01P-02	After body (2 sheets)
5377-01P-03	W.T. bulkheads
5377-01P-04	Frames (3 sheets)
5377-01P-05	Outer tube
5377-01P-05A	Front wings
5377-01P-06	Keelson (2 sheets)
5377-01P-07	Shell
5377-01P-08	Deck (2 sheets)
5377-01P-09	Cabin (2 sheets)
5377-01P-10	Main wing
5377-01P-11	Protection of main wing.

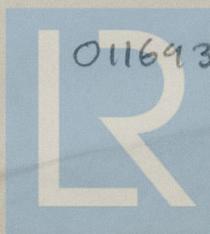
Certain of the plans forwarded are outside the normal classification plans. These have been noted and two

copies of each plan should be returned to the surveyors,
viz:-

5377-01P - 25
" - 27
" - 28
" - 16
" - 18
" - 20 (3 sheets)
" - 22
" - 23
" - 24
" - 15
" - 13
" - 12
" - 10 (2 sheets)
" - 05 (2 sheets)
" - 01

Enclosures c, g and h to Mr. van der Weel's letter should
also be returned as desired.

21st December, 1959



011693-011701-0106 2/2

Lloyd's Register
Foundation