

S.S. "GARDENGA".

Rule Dimensions:- 129.5' x 27.8' x 8.35'

Scantling Nos:- 1082 and 4680

Proportions:- Length = 15.5 depths.

Draught:- 6'-0".

This vessel was built in 1904 at Danzig by Messrs. Klawitter, as an Ice Breaker for service on the Vistula.

Plans of midship section, profile and deck have been forwarded by the Hamburg Surveyors, together with a letter stating that Lt. Commander R.G. Wardrop has called at that Office in connexion with the purchase of this vessel, which it is desired to have classed with this Society for South African coasting service between Lourenco Marques and Port Elizabeth.

This case was discussed in this Office with Lt. Comm. Wardrop on the 9th instant, when a general indication of the Society's requirements for the desired class was given to him.

The plans now submitted embody a number of these requirements, including the fitting of a forecastle, doubling the sheerstrake, and the fitting of a deck stringer plate.

The Surveyors state that they have ascertained from the Builders that all the materials are of Siemens-Martin steel and tested by the Germanischer Lloyd Surveyors. They also state that the general condition of the vessel is very good.

It is submitted the Hamburg Surveyors be informed that provided the requirements of the Rules for vessels not built under Survey be complied with, the scantlings be verified, the additional requirements embodied on the plans be carried out to their satisfaction, and a satisfactory Report be received from them, the vessel will be eligible to be classed 100A- "With Freeboard" (corresponding to a draught of 6 feet) "For Coasting Service between Lourenco Marques and Port Elizabeth".

It is observed that the space above the lowest sidelight, and should state the distance from the top of the head to the top of the lowest sidelight, and the fore and aft position of such to be used as a cargo hold, and that further information will

be forwarded regarding the fitting of a watertight tunnel in way of the shafts.

The Pillaring throughout should be to the Surveyors' satisfaction, and they should satisfy themselves in regard to the construction of the watertight bulkheads, machinery seatings, rudder and steering gear.

It is observed that it is proposed to fit a deck stringer plate 600 m/m x 7 m/m, and to provide compensation on the topsides in the form of a doubling plate fitted to the sheerstrake for half length amidships. It is considered that a more desirable, and probably a more economical arrangement would be to increase the thickness of the stringer plate and to extend the breadth of the line of the hatchway and machinery openings, in which case the sheerstrake doubling should be dispensed with, except in way of the coal scuttles, which should be made as small as practicable. These modified arrangements have been embodied on the plans.

If the figure "1" is desired, particulars of the equipment proposed to be supplied should be forwarded, and the Surveyors should ascertain from the Owners if this has been found by them to be suitable for the service intended.

The Surveyors should be reminded that a Special Survey Request Form, duly signed, should be forwarded to this Office.

22. 4. 31.



The Surveyors should be requested to forward particulars on form 11b for freeboard assignment, and should state the distance from the top of the keel to the lower edge of the lowest sidelight, and the fore and aft position of such sidelight.