

"MARIA ROSA"

And oil fuel bunkers tanks and lubricating oil tanks.

All spaces previously cleared, rust removed and cleaned as required, steelwork afterwards coated as necessary.

Rudder lifted and pintles overhauled and made good.

Rudder tested under working conditions and found satisfactory.

GENERAL.— Minor repairs effected only. A few bottom rivets renewed or overhauled as necessary and a few seams caulked.

Cables ranged. Rule 11 lengths at 1" 0

Port Side	1	26.5 mm	Starboard Side	1	26.0 mm
	2	25.5 mm		2	26.0 mm
	3	26.0 mm		3	26.0 mm
	4	26.25 mm		4	26.5 mm
	5	26.5 mm		5	26.75 mm
				6	26.5 mm

WORK DONE FOR ALTERATIONS (1) New bulkhead constructed on frame 29 (floor 26) (counting from aft) to subdivide No 4 tank (in the ratio of 1 to 2) bulkhead is of identical scantlings of other bulkheads throughout vessel (details of scantlings in red on plan returned herewith) and has been fitted because of the specific gravity of liquid caustic soda which the vessel has been adapted to carry.

It has been calculated that only the after section of No 4 tank together with tanks 2-3 will be sufficient to bring vessel to her marks whilst tanks No 1 and fore section of No 4 will be used for water ballast when "light ship"

When Anchors or Cables are supplied, the particulars are to be reported in the following form:—

ANCHORS.

Number of Certificate	Anchors.*	Weight of Stock.			Test per Certificate			Weight Required by Rule			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
	1st. Bower..												
	2nd »												
	3rd »												
	Collective Weight.												
	Stream....												
	Kedge....												

* When a bower anchor is supplied it must be clearly stated whether it is a 1st, 2nd, or 3rd bower.

CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.		Weight of Chain Cable		Length and size per Rule.		Description	Maker of Cables	When and where tested and Superintendent.
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.			
Iron Stream Chain or Steel Wire..											

ALTERATIONS (2) Hot air heating system to blow hot air into cofferdams round each cargo tank in order to keep liquid caustic soda at correct temperatures fitted at this time. All tubes fitted 3 mm thick.

ALTERATIONS (3) Triangular plate 16 mm thick welded to top of rudder to shape of counter. This is at Owners request to give rudder more effective area when "deep ship".

All alterations carried out to approved plans No 521 - 3,55 approved 18-5-55 and 31-5-55, Rules, Secretary's letters and telegrams.

P.T.O.

Rpt. 9a.

Port of BARCELONA

Continuation of Report No. 6389 dated 23-7-55

on the

"MARIA ROSA"

It is submitted that the Register Book be altered from P.K. 8 B.H.

FPT 25 Tons APT 24 Tons

to FK 9 BH FPT 25 Tons APT 24 Tons.

N.B. Owing to the light scantlings of this vessel a considerable amount of drilling was carried out both on deck and shell plating with Owners full approval.

The general condition of the vessel was found excellently preserved except for slight pitting at turn of bilge starboard side. This however was not of any serious consequence and was stated to have been caused by vessel lying alongside quay for a considerable period of time when laid up in Finland.

The flow of water being impeded by the vessel's form tended to become stagnant between vessel and quay causing corrosion.

The port side being in the flow of the river is completely unmarked.

The vessel however is not yet due for drilling being 11 years old.

In view of the correspondence concerning the possible corrosive effect of liquid caustic soda it was considered that the drilling notifications be given not at this survey, but at subsequent surveys when the action of the caustic soda may be examined.

Alfred Brown

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

N. B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.