

Report of Survey on Refrigerating Machinery & Appliances before loading.

(Received at London Office)

JUL 17 1940

Date of writing Report Apr. 16 at 40 When handed in at Local OfficePort of SHANGHAINo. in
Reg. Book. Survey held at
25725SHANGHAI

Date: First Survey and

Last Survey Apr. 14 1940
(No. of Visits one)

on the Refrigerating Machinery and Appliances of the

Twin Screw "HARUNA MARU"Gross 10421 Vessel built at Nagasaki
Net 6311 Owners Nippon Yusen K.K.By whom Mitsubishi Zosun Kaisha When 1922Port Tokyo

Voyage

Last Survey No. 6887A Port YKA

PARTICULARS AS ENTERED IN REGISTER BOOK.

REFRIGERATING MACHINES.					System of (1) Refrigerating (2) Insulating the Chambers.	POWER.		INSULATED CARGO CHAMBERS.		Notation and Date of Last Complete Periodical Survey.
No. of Units.	No. of Compressors.	System.	Makers.	Date of Construction.		Cubic feet of air delivered per hour.	Ice melting capacity per 24 hours. Tons.	No.	Capacity. Cubic ft.	
<u>2</u>	<u>2</u>	<u>Carb. Anhy.</u>	<u>J. & E. Hall, Ltd.</u>	<u>1922</u>	<u>Brine SlabCork</u>	<u>-</u>	<u>12</u>	<u>3</u>	<u>8,320</u>	<u>Lloyd's RMC 4-40</u>

Particulars of Examination and Repairs for Loading Port Survey.

Has the insulation been examined throughout and found to be clean and in good order at this time Yes

Has the insulation been tested for fullness and dryness Yes Have the test holes been efficiently closed Yes

If the insulation was not examined now for condition, where was this requirement carried out -

Was a certificate produced for that examination - By whom was it issued -

Have the watertight doors been examined and worked - Have the air trunkways and fastenings been examined -

Have the machinery and auxiliaries been examined and tested under working conditions at this time Yes On the refrigerator & cargo chambers Yes

Have the condenser and refrigerator coil terminals and connections been examined Yes

Have the brine pipes, valves and connections been examined Yes

Have the thermometer tubes with their connections and fastenings been examined Yes

Are sufficient cargo battens supplied and are they in good order Yes

State the temperatures to which the compartments were reduced before loading.

Centre Chamber
Starboard "

was reduced to

3°F

was reduced to

7°FComplete.

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done

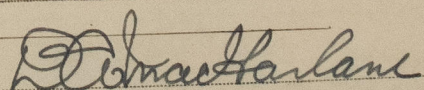
Now Done: Examined the refrigerating machinery under working conditions, and Chambers
Centre & Starboard under conditions mentioned above.
All found in good condition.

General observations, opinion, and recommendation This vessel, in my opinion, is fit to carry
refrigerated cargo during the contemplated voyage to Europe.

Fee £ 4 . 4 : 0 { Fee applied for, 15th April, 19 40.Travelling Expenses £ : 4 : 0 { Received by me, 19 .Sunday fee £ 2 : 2 : 0

Committee's Minute

Assigned



Surveyor to Lloyd's Register of Shipping.



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Foundation

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