

Report of Survey on Refrigerating Machinery & Appliances before loading.

(Received at London Office MAY 18 1939)

Date of writing Report Apr. 19 1939 When handed in at Local Office SHANGHAI

in Book. Survey held at SHANGHAI Date: First Survey and Last Survey Apr. 17 1939
(No. of visits one)

the Refrigerating Machinery and Appliances of the Twin Screw Steamer "HAKOZAKI MARU"

Gross 10413 Vessel built at Nagasaki By whom Mitsubishi Zosen Kaisha When 1922 6

Net 6310 Owners Nippon Yusen K.K. Port Tokyo Voyage

Survey No. 6660 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.
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>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>8,240</u>	<u>Lloyd's RMC 4-39</u>

Particulars of Examination and Repairs for Loading Port Survey.

Insulation been examined throughout and found to be clean and in good order at this time **Yes**

Insulation been tested for fullness and dryness **Yes** Have the test holes been efficiently closed **Yes**

Insulation was not examined now for condition, where was this requirement carried out **-**

Certificate produced for that examination **-** By whom was it issued **-**

Watertight doors been examined and worked **-** Have the snow boxes and air trunkways and fastenings been examined **-**

Machinery and auxiliaries been examined and tested under working conditions at this time **Yes** On the ~~XXXXXX~~, refrigerator & cargo chambers **Yes**

Condenser and refrigerator coil terminals and connections been examined **Yes**

Brine pipes, valves and connections been examined **Yes**

Thermometer tubes with their connections and fastenings been examined **Yes**

Efficient cargo battens supplied and are they in good order **Yes**

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

Port Chamber was reduced to 10 F, was reduced to _____

Centre " " 10 F, " " _____

Starboard " " 10 F, " " _____

Survey is not complete, state what arrangements have been made for its completion and what remains to be done **Complete.**

Now Done: Examined the refrigerating machinery under working conditions, and Chambers Port, 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.**

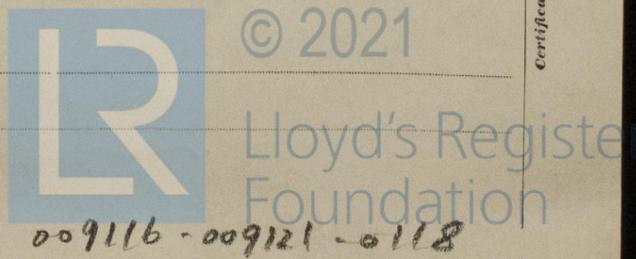
Fee £125.00 : Fee applied for, 17th April, 1939.

Travelling Expenses £ 5.00 : Received by me, 19 .

Committee's Minute WED 31 MAY 1939

Assigned As now

H. Pinner
Surveyor to Lloyd's Register of Shipping.



009116-009121-0118

Certificate to be sent to

