

Report of Survey on Refrigerating Machinery & Appliances before loading.

(Received at London Office - 6 FEB 1939)

Date of writing Report 4th January 1939 When handed in at Local Office 4th January 1939 Port of London.

No. in Reg. Book. 75518 Survey held at London Date: First Survey and Last Survey 31st January 1939
(No. of Visits one)
on the Refrigerating Machinery and Appliances of the S.S. "HAKOZAKI MARU"

Tons { Gross 10413 Vessel built at Nagasaki By whom Mitsubishi Zosen Kaisha Ltd When 1922-6
Net 6310 Owners Kippon Yusen K. K. Port Tokyo Voyage Far East
Last Survey No. 4417 Port Shi.

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>CO₂</u>	<u>J. B. Hall Ltd</u>	<u>1922</u>	<u>Brine slab coil</u>	<u>✓</u>	<u>12</u>	<u>3</u>	<u>8240</u>	<u>* Lloyd's RMC 11-38</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 snow boxes and air trunkways and fastenings been examined ✓
Have the machinery and auxiliaries been examined and tested under working conditions at this time yes On the snow box, refrigerator or cargo chambers Chambers.
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.

<u>Centle chamber</u>	was reduced to <u>12°F</u>	was reduced to
<u>Starboard chamber</u>	" <u>12°F</u>	"
"	"	"
"	"	"

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

Now done:- Examined the main and auxiliary refrigerating machinery under working conditions and found satisfactory
Examined the insulation in the above chambers for fullness and dryness and found good. Brine piping examined under fused condition and found satisfactory
Thermometer tubes, condenser and evaporator coil terminals examined and found good.

General observations, opinion, and recommendation The Refrigerating machinery and Appliances are in good and efficient condition and in my opinion the vessel is fit to carry refrigerated cargo during contemplated voyage to Far East.

Fee £ 2 . 2 : 0 { Fee applied for, 13/2/39 19 ..

Travelling Expenses £ : : { Received by me, 13/2/39 19 ..

Committee's Minute TUE 28 FEB 1939

Assigned As now

G. C. Vaux
Surveyor to Lloyd's Register of Shipping.



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009116 - 009121 - 0122

Certificate to be sent to Owners Office

It is submitted that this
vessel's REFRIGERATING
INSTALLATION is eligible
to remain in class.

957
24/2/29

[Faint, mostly illegible handwritten notes in the left margin, possibly describing the vessel's condition or the refrigerating installation.]

201 34 3/4

[Faint handwritten notes and calculations in the center of the page, including various numbers and fractions.]

23. 0.32
+ 0.52
5 5.250 +

1. 5. 10. 15. 20. 25. 30. 35. 40. 45. 50. 55. 60. 65. 70. 75. 80. 85. 90. 95. 100.

0.32
0.52
5.250

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