

REPORT OF SURVEY ON REFRIGERATING MACHINERY & APPLIANCES.

(Received at London Office)

AUG 19 1940

Date of writing Report 4th July, 1940. When handed in at Local Office 4th July, 1940. Port of YOKOHAMA

No. in Reg. Book. 25561 Survey held at YOKOHAMA Date: First Survey 13th June, Last Survey 25th June, 1940. (No. of Visits Three)

on the Refrigerating Machinery and Appliances of the T.Sc.S. "HAKOZAKI MARU"

Gross 10413 Vessel built at Nagasaki By whom Mitsubishi Zosen K.K. When 1922-6

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

Last Survey No. 6842 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.	
2	2	Carb Anhy	J & E Hall, Ltd.	1922	Brine Slab Cork	X	12	3	8,240	Lloyd's RMC 1-40

Particulars of Examination and Repairs for Complete Periodical Survey or Modified Survey.

Has the machinery been examined under working conditions Yes before or after the refrigerated cargo was discharged loaded Yes.

Density of brine 45 by Tw. hydrometer. TEMPERATURES of air at the snow box and of the return air X & X

or, delivery and return air at direct expansion or brine cooled batteries X & X, outflow and return brine -6°F & -1°F

atmosphere 88°F, cooling water inlet and discharge 75°F & 79°F, gas in condensers and evaporators 90°F & -15°F

AVERAGE TEMPERATURE in each refrigerated chamber, as per log, before loading commenced

P	14°F
C	12°F
S	12°F

Condenser Coils, date of last test P April 39. S Nov. 38. If machinery is electrically driven, date of last examination of a generator X

Have all the working parts of the refrigerating machines and of the auxiliary machinery been examined Yes Is the spare gear in accordance with the Rules Yes

Have the gas condenser and evaporator coils, or only the coil terminals, been examined Yes Have the direct expansion or brine cooled battery coils been examined X

Have the refrigerating liquid pipes, separators and receivers, and the gas return pipes been examined externally as far as practicable Yes

Has the insulation been examined throughout the cargo chambers Yes Where charcoal, silica gel, etc.,

granulated cork or similar media are employed for insulating purposes, has such insulation been examined for fullness and dryness Yes Have the test holes been efficiently closed Yes

Have all bilge hatches and manhole plugs been removed, the bilges cleared, and the suction pipes, suction roses, sounding pipes and manhole door fastenings been examined X

Have the hatches, doors, windows and thermometer tubes with their connections and fastenings been examined Yes Have the watertight doors been examined and worked X

Have the brine pipes or direct expansion pipes been examined Yes, under what conditions frosted Have the sea injection valves been opened and examined Yes

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

Now done:- Starboard refrigerating machinery and auxiliaries completely examined and found in order.

Port machine compressor cylinder, cover and valves examined and found in order.

The port, centre and starboard cargo chambers frosted to the temperatures as stated above examined internally and the insulation brine piping, thermometer tubes and connections found in good order.

The refrigerating machinery and appliances examined under working condition and found satisfactory.

General observations, opinion, and recommendation The Refrigerating machinery and Appliances of

NOTE:-A new Date of Survey should only be recommended in the case of a Complete Periodical Survey.)

This vessel are in good condition and eligible in my opinion to remain as classed with fresh record of Lloyd's R M C 6-40.

Fee £ 60.00 Fee applied for, 25th Junu, 19 40

Loading £ 50.00

Travelling Expenses £ 3.00 Received by me, 28th June, 1940.

FRI. 23 AUG 1940

Committee's Minute

M. Sunny. Assigned + Lloyd's RMC 6.40

M. Sunny
Surveyor to Lloyd's Register of Shipping.

Lloyd's Register
Foundation

This vessel is eligible
THE RECORD

Follows MLC 6:40

Part Purvey

22/8/40



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