

## Report of Survey on Refrigerating Machinery &amp; Appliances before loading.

(Received at London Office)

JUN -6 1940

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

No. in

Book. Survey held at

YOKOHAMA

Date: First Survey and

Last Survey 4th April 1940.

(No. of Visits One)

the Refrigerating Machinery and Appliances of the T/S. S. "HARUNA MARU"

Gross 10421

Vessel built at Nagasaki

By whom Mitsubishi Zosen K.K. When 1922-2

Net 6311

Owners Nippon Yusen K.K.

Port Tokyo

Voyage Europe.

st Survey No. 6887

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.
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 SlabCork	x	12	3	8,320	Lloyd's RMC 10-39

## Particulars of Examination and Repairs for Loading Port Survey.

the insulation been examined throughout and found to be clean and in good order at this time Yes, in Port & Starboard cargo chambers only.

the insulation been tested for fulness and dryness x Have the test holes been efficiently closed Yes.

the insulation was not examined now for condition, where was this requirement carried out Yokohama, 4th April, 1940.

a certificate produced for that examination Yes By whom was it issued K. Kishigami,

the watertight doors been examined and worked x Have the snow boxes and air trunkways and fastenings been examined x

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

the condenser and refrigerator coil terminals and connections been examined Yes

the brine pipes, valves and connections been examined Yes

the thermometer tubes with their connections and fastenings been examined Yes

sufficient cargo battens supplied and are they in good order Yes

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

Port cargo chamber was reduced to 11°F

was reduced to

Starboard cargo chamber " 11°F

"

"

"

"

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

Now done:- The Port and starboard refrigerated cargo chambers in No.4 lower tween decks frosted to the temperature 11°F, and the insulation, brine pipes, thermometer tubes and fastenings and cargo battens therein all examined and found in good condition.

The refrigerating machinery and appliances examined under working condition and found in order.

General observations, opinion, and recommendation. The refrigerating machinery and appliances of this ship, so far as now seen, are in good condition and eligible in my opinion, to remain as classed with fresh record of Lloyd's RMC 4-40, as now recommended at Yokohama.

Fee 50.00 : Fee applied for, 4th April, 1940.

Travelling Expenses £ : x : Received by me, 19

Committee's Minute

Assigned

See Yka. 6887

Surveyor to Lloyd's Register of Shipping.



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RR

12/6/40



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