

REPORT OF SURVEY ON REFRIGERATING MACHINERY & APPLIANCES.

(Received at London Office)

JUN 14 1939

LIVERPOOL

Date of writing Report

10

When handed in at Local Office

10 JUN 1939

Port of

No. in

Reg. Book

Survey held at

Liverpool

Date: First Survey

8/6/39

Last Survey

9/6/1939

(No. of Visits)

2

on the Refrigerating Machinery and Appliances of the

S.S. HURUNVI

By whom

Sir Raylton Dixon

Voyage

Tons

Gross 9315

Net 5499

Vessel built at

Middlesbrough

Owners

New Zealand Shipping Co. Ltd.

Port

Plymouth

Last Survey No.

98

Port L.A.

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.	
2	2	carb. vapour Anby	Haslam & Lundy Long & Co. Ltd.	1923	Brene Granulated cork & Silicate cotton	-	168	9	402225	Lloyd's RMC 11.38

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

the machinery been examined under working conditions *yes* before or after the refrigerated cargo was discharged *after*

of brine *47* by *Swaggett* hydrometer. TEMPERATURES of the return air *0* & *5*

ivery and return air at direct expansion or brine cooled batteries *60* & *62*, outflow and return brine *65* & *-4*

phere *68*, cooling water inlet and discharge *60* & *62*, gas in condensers and evaporators

log entries show that the plant was efficient during the last voyage with Refrigerated Cargo

N° 1 L. Hold *35* N° 3 Lower OA *34*

N° 1 Lower OA *34* N° 4 L. Hold *11*

N° 2 L. Hold *11* N° 4 Lower OA *11*

N° 2 Lower OA *11* N° 5 Lower OA *34*

N° 3 L. Hold *35*

ser Coils, date of last test *yes* If machinery is electrically driven, date of last examination of a generator *yes*

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*

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 *yes*

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

insulation been examined throughout the cargo chambers *yes* Where charcoal, silicate cotton, *yes*

ted 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*

bilge hatches and manhole plugs been removed, the bilges cleared, and the suction pipes, suction roses, sounding pipes and manhole door fastenings been examined *yes*

hatches, air trunkways and thermometer tubes with their connections and fastenings been examined *yes* Have the watertight doors been examined and worked *yes*

brine pipes or direct expansion pipes been examined *yes*, under what conditions *Defrosted* Have the sea injection valves been opened and examined *yes*

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

now done:-

The machinery examined under working conditions

Examined the forward machine throughout, after bore pump &

inboard circulating pump & placed in good condition

The insulation & piping (tested) in all cargo holds & lower decks

Examined - lower hatches lifted, bilge suction etc examined

Engine:- HP valve spindle skimmed up, seal & gland bush renewed

Pump:- 2 piston rods skimmed up, seal & gland bushes renewed.

40 hatch plugs renewed

Sundry minor repairs

General observations, opinion, and recommendation. The refrigerating machinery & appliances of this vessel are eligible in my opinion to remain as classed, with fresh record of LLOYD'S R.M.C. 6.39.

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

At this survey the brine pipes have been satisfactorily tested to one and a half times the working pressure at the brine circulating pumps.

Hatch grids tested separately

Surveyor to Lloyd's Register of Shipping.

Fee R.M.C. £ 18: - : - { Fee applied for, 10 JUN 1939 10

Travelling Expenses £ : : { Received by me, 19

Committee's Minute

Assigned

LIVERPOOL 13 JUN 1939

+ Lloyd's R.M.C. 6.39

Deferred

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Lloyd's Register

402-0146

LIVERPOOL