Rpt. 18.

No. 61374

REPORT OF SURVEY ON REFRIGERATING MACHINERY & APPLIANCES.

(Received at London Office JUL 26 1939)

Date of writing Report ..... 19 ..... When handed in at Local Office 24 : 7 : 1939 Port of Glasgow.

No. in Reg. Book. 22334 Survey held at Glasgow Date: First Survey 13.7.39 Last Survey 18.7.39 (No. of Visits 2)

on the Refrigerating Machinery and Appliances of the "CITY OF BRISBANE"

Tons { Gross 8006 / Net 5062 } Vessel built at Newcastle By whom Swan Hunter & Wigham Richardson Ld When 1920-6

Owners Ellerman Lines Ld Port LIVERPOOL Voyage Australia

Last Survey No. 750 Port Lon

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.	No.	Capacity.	
							Tons.		Cubic ft.	
2	2	Carb. Anhy.	Liverpool Refrigeration Co. Ld	1933	Brine & Air Grang Slab Cork Silicate Cotton	–	120	7	84,566	+ Lloyd's RMC 1.39

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

Has the machinery been examined under working conditions No before or after the refrigerated cargo was discharged .....

Density of brine ..... by ..... hydrometer. **TEMPERATURES** of the return air ..... &

or, delivery and return air at direct expansion or brine cooled batteries ..... & ....., outflow and return brine ..... &

atmosphere ....., cooling water inlet and discharge ..... & ....., gas in condensers and evaporators ..... &

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

RETAIN

Condenser Coils, date of last test – If machinery is electrically driven, date of last examination of a generator –

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

Have the gas condenser and evaporator coils, ~~or only the coils~~ terminals, been examined yes Have the ~~direct expansion or~~ brine cooled battery coils been examined yes.

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,~~ silicate cotton, 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 yes.

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

Have the brine pipes ~~or direct expansion~~ pipes been examined yes, under what conditions unfrosted 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.– Both Refrigerating machines have been examined in their entirely. No 2 (Forward Starboard) Brine Pump. and the Circulating water pump were examined. The doors were taken off the steam condenser and the water ends of the condenser examined.
The insulation and brine piping were examined throughout.
Brine pipes were tested to 30 lbs. per sq. inch.
All found or put in order.
It was stated that the gas condenser coils would be tested in Liverpool at the conclusion of the next voyage.

EG
22/7/39

General observations, opinion, and recommendation The Refrigerating machinery and appliances
(NOTE:—A new Date of Survey should only be recommended in the case of a Complete Periodical Survey.)
of this vessel, as far as seen, is in safe working condition and eligible in my opinion to remain as classed and to have fresh record of + Lloyd's R.M.C. 7.39. At this survey the brine pipes were tested to 1½ times the working pressure at the Brine circulating pumps with satisfactory results

Fee ..... £ 6 : 0 : 0 { Fee applied for, 25 JUL 1939 19 .

Travelling Expenses £ : : { Received by me, ... 19 .

James Crawford.
Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 25 JUL 1939 RMC

Assigned + Lloyd's R.M.C. 7.39.

CERTIFICATE WRITTEN

NOTE:—The words which do not apply should be deleted.

Certificate to be sent to GLASGOW

W372-0066

Noted

DA

26/7/39