

# REPORT OF SURVEY ON REFRIGERATING MACHINERY & APPLIANCES.

(Received at London Office JUL 25 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. 1939 (No. of Visits 2)

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

Tons Gross 8006 Vessel built at Newcastle By whom Swan Hunter & Wigham Richardson When 1920-6  
Net 5062 Owners German Lines L<sup>d</sup> 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. Tons.	No.	Capacity. Cubic ft.	
2	2	Carb. Anhy.	Liverpool Refrigeration Co. L <sup>d</sup>	1933	Brine & Air Grand Slab Cork Silicate Cotton	-	120	7	84,565	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 N<sup>o</sup> 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 coil~~ terminals, been examined yes Have the ~~direct expansion~~ 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 ~~silicate~~ 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 unfrozen 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 entirety. N<sup>o</sup> 2 (Forward Starboard) Brine Pump and the Circulating water pump were examined. The doors were taken off the steam condensers and the water ends of the condensers examined. The insulation and brine piping were examined throughout. Brine pipes were tested to 30 lbs. per sq. in. ch. 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.

E6  
22/7/39

General observations, opinion, and recommendation The Refrigerating machinery and appliances 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 records of + Lloyd's R.M.C. 7. 39. At this survey the brine pipes were tested to 1 1/2 times the working pressure at the Brine circulating pumps with satisfactory results

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

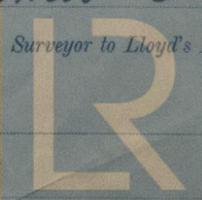
Fee £ 6 : 0 : 0 { Fee applied for, 25 JUL 1939 19  
Travelling Expenses £ : : { Received by me, 19

Committee's Minute GLASGOW 25 JUL 1939

Assigned + Lloyd's R.M.C. 7. 39.

CERTIFICATE WRITTEN

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



Lloyd's Register Foundation

W372-0066

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

Certificates to be sent to GLASGOW

Noted

DP

20/7/39

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