

REPORT OF SURVEY ON REFRIGERATING MACHINERY & APPLIANCES.

(Received at London Office

JAN 18 1939

Date of writing Report 7.1.39 19 When handed in at Local Office 10 JAN 1939 19 Port of LIVERPOOL

No. in Reg. Book. 72314 Survey held at *Birkenhead* Date: First Survey *Nov 23rd* Last Survey *Jan 4* 1939
on the Refrigerating Machinery and Appliances of the *SS CITY OF BRISBANE* (No. of Visits *4*)Tons { Gross 8006 Vessel built at *Newcastle* By whom *Swan Hunter & W. Richardson* When 1920-6
Net 5062 Owners *Ellerman Lines Ltd* Port *Liverpool* Voyage *New York & Australia*
Last Survey No. *67943* Port *Sails 21 Jan.*

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 Ambr	Liverpool Refrig Co	1933	Brine & Air Gran. & Sil. Cotton	✓	120	7	84565	Lloyd's RMC 2.38

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

Has the machinery been examined under working conditions 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

See London letter of 29 Sept 1938
(Vessel laid up since)

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 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 *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*

Both compressor complete with LP cylinders, valve, crank pin & bearings, together with 7.3 (aft starboard) brine pump, & circulating pump opened out and examined. Sea valves examined. The insulation & piping in all cargo chambers examined and found in good condition.

General observations, opinion, and recommendation

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

Appliances of this vessel are eligible in my opinion to remain as classed with fresh record of *+ Lloyd's RMC 1.39*

The Refrigerating Machinery & Appliances of this vessel are eligible in my opinion to remain as classed with fresh record of + Lloyd's RMC 1.39

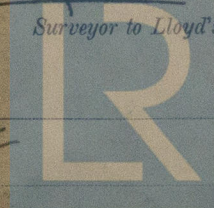
Fee RMC £ 6 : 0 : 0 Fee applied for, 12 JAN 1939 19

Travelling Expenses £ : : Received by me, 31 JAN 1939 19

Committee's Minute LIVERPOOL 17 JAN 1939

Assigned *+ Lloyd's RMC 1.39.*

Carl Reed & John Lawrence
Surveyor to Lloyd's Register of Shipping.



Lloyd's Register
Foundation

W372 0067

Noted
Part Survey

SA
31/1/39

157 1317
120 688
117 1208



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