

REPORT OF SURVEY ON REFRIGERATING MACHINERY & APPLIANCES.

Date of writing Report 27-6-1939 When handed in at Local Office Port of LONDON

No. in Reg. Book 22334 Survey held at Gilbury Date: First Survey AND Last Survey 26-6-1939
on the Refrigerating Machinery and Appliances of the S.S. "CITY of BRISBANE" (No. of Visits ONE)
Tons { Gross 8006 Vessel built at Newcastle By whom Swan, Hunter, Wigham, Richardson & Co. Ltd When 1920-6
Net 5062 Owners Ellerman Lines, Ltd Port Liverpool Voyage Liverpool
Last Survey No. 7188 Port Mel

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.	
<u>2</u>	<u>2</u>	<u>Carb</u>	<u>Liverpool</u>	<u>1933</u>	<u>Brine & Air</u>	<u>-</u>	<u>120</u>	<u>7</u>	<u>84,565</u>	<u>Lloyd's RMC 1-39.</u>

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

Has the machinery been examined under working conditions yes before or after the refrigerated cargo was discharged During discharge
Density of brine 45 by Suodde hydrometer. TEMPERATURES of the return air &
or, delivery and return air at direct expansion or brine cooled batteries ✓ & ✓, outflow and return brine -10°F & 5°F
atmosphere 53°F, cooling water inlet and discharge 63°F & 66°F, gas in condensers and evaporators 44°F & -10°F.

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

<u>A Chamber</u>	<u>32°F</u>	<u>E Chamber</u>	<u>31°F</u>
<u>B</u>	<u>31°F</u>	<u>F</u>	<u>33°F</u>
<u>C</u>	<u>33°F</u>	<u>G</u>	<u>10°F</u>
<u>D</u>	<u>34°F</u>		

- Condenser Coils, date of last test ✓ If machinery is electrically driven, date of last examination of a generator no
- Have all the working parts of the refrigerating machines and of the auxiliary machinery been examined ✓ Is the spare gear in accordance with the Rules ✓
- Have the gas condenser and evaporator coils, or only the coil terminals, been examined ✓ Have the direct expansion or brine cooled battery coils been examined ✓
- Have the refrigerating liquid pipes, separators and receivers, and the gas return pipes been examined externally as far as practicable ✓
- Has the insulation been examined throughout the cargo chambers ✓ Where charcoal, silicate cotton, granulated cork or similar media are employed for insulating purposes, has such insulation been examined for fullness and dryness ✓ Have the test holes been efficiently closed ✓
- 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 ✓
- Have the hatches, air trunkways and thermometer tubes with their connections and fastenings been examined ✓ Have the watertight doors been examined and worked ✓
- Have the brine pipes or direct expansion pipes been examined ✓, under what conditions ✓ Have the sea injection valves been opened and examined ✓

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. To complete, all the Rule requirements, with the exception of the examination of the machinery under working conditions remains to be carried out. It was stated that the survey would be completed at Liverpool. Now done: - The Refrigerating machinery examined under working condition on the cargo chambers and all found in order.

General observations, opinion, and recommendation The Refrigerating machinery of this vessel as now seen is in good & efficient condition and is eligible in my opinion to remain as classed with fresh head of Lloyd's RMC with date when the survey had been completed.

Fee £ : ✓ { Fee applied for, 19
Travelling Expenses £ : ✓ { Received by me, 19
Committee's Minute 11 JUL 1939
Assigned As now

J. Micholas
Surveyor to Lloyd's Register of Shipping.
Lloyd's Register Foundation
W372-0072

It is submitted that this
 MAN'S REFRIGERATING
 INSTALLATION is eligible
 for a grant of aid.

Part Survey

W. J. G. G.
 18/7/39

[Faint handwritten notes, possibly describing the survey or installation details.]

[Faint handwritten notes, possibly describing the survey or installation details.]

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------



© 2019
 Lloyd's Register
 Foundation