Rpt. 18.

No. 142495

Report of Survey on Refrigerating Machinery & Appliances.

Received at London Office 27 JUL 1955

Date of writing Report 19 JUL 1955 19 When handed in at Local Office 19 JUL 1955 19 Port of LIVERPOOL

No. in Reg. Book 72783 Survey held at LIVERPOOL Date: First Survey 9 6 55. Last Survey 26 6 19 55

on the Refrigerating Machinery and Appliances of the "PACUARE" No. of Visits 8

Tons Gross 3675 Net 2101 Vessel built at Vegesack By whom Bremer Vulkan When 1934

Owners Elder & Fyffes, Ltd. Port London Voyage

Last Survey No. Port

PARTICULARS AS ENTERED IN REGISTER BOOK.

REFRIGERATING MACHINERY.					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.	Lloyd's
		Carb.	Atlas-Werke		Brine & Air					
2	4	Anhy.	A.G.	1935	Alfol &		$65\frac{3}{4}$	3	157,025	RMC(RS) 2,55.
					Torfoleum	(for temp. 32°F.)				SRMC.8,51.

Particulars of Examination and Repairs for Completion S.R.M.C. Periodical Survey (state which).

Has the machinery been examined under working conditions Yes ~~before or~~ after the refrigerated cargo was discharged Yes Under light running conditions

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 ✓ & ✓

Do the log entries show that the plant was efficient during the last voyage with refrigerated cargo Yes

Condenser Coils, date of last test Bch 7.55 If machinery is electrically driven, date of last examination of a generator engine and generator

Have all the working parts of the refrigerating machines and of the auxiliary machinery been examined No 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 Has it been tested for dryness Yes Where charcoal, silicate cotton, granulated cork or similar media are employed for insulating purposes, has such insulation been examined for fullness 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 de-frosted Have the sea injection valves been opened and examined No.

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done Complete.

Now done Completion S.R.M.C.

Both condensers opened up and examined, coils tested 2,500 lbs and all found satisfactory.

Insulation brine pipes and batteries, hatches, plugs, scuppers, thermometer tubes and fastenings examined throughout the insulated spaces. Portions of insulation removed in way of tank top, shipside and brine leads and afterwards replaced and all found or placed in good order.

All thermometer checked

Note. At this time both evaporators were renewed. All pipes which had to be altered to suit the new evaporators were tested to Rule requirements.

General observations, opinion, and recommendation The Refrigerating Machinery and Appliances of this vessel, so far as now seen are in an efficient condition and eligible in my opinion to remain as classed with fresh record of SRMC 2,55

Fee Comp. S R M C £ 15 : 17 : 0

Sunday Fee £ 3 : 3 : 0

Travelling Expenses £ : :

Fee applied for 22 JUL 1955 19

Received by me 19

Wm. A. Leggat.

Surveyor to Lloyd's Register of Shipping.

Date 26 JUL 1955

Committee's Minute S RMC 2.55 for temp. etc.

Certificate to be sent to

002870-002875-0278

It is submitted that a certificate be prepared as requested with the Record

LLOYD'S ~~RMC~~ SRMC 2/55

for temp. etc.

-3 AUG 1955