

REPORT OF SURVEY ON REFRIGERATING MACHINERY & APPLIANCES.

Date of writing Report *14th Feb 1940* When handed in at Local Office *19/2/40* Port of *TRIESTE*
 (Received at London Office FEB 28 1940)
 No. in Reg. Book. *31515* Survey held at *Trieste* Date: First Survey *6th Feb* Last Survey *12th Feb 1940*
 on the Refrigerating Machinery and Appliances of the S.S. "PERLA" (No. of Visits *2*)
 Tons Gross *5741* Vessel built at *Pt. Glasgow* By whom *Clyde D. B. Co.* When *1926-1*
 Net *3612* Owners *Lloyd Triestino* Port *Venice* Voyage
 Last Survey No. *12662* Port *Tri*

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.	
<i>2</i>	<i>2</i>	<i>CO₂</i>	<i>J. & E. Hall</i>	<i>1926</i>	<i>Brine Cork & Oil cotton</i>	<i>-</i>	<i>84</i>	<i>6</i>	<i>141,430</i>	<i>+Lloyd's RMC 5,39</i>

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 *✓* & *✓*
 Do the log entries show that the plant was efficient during the last voyage with Refrigerated Cargo

Vessel arrived without refrigerated cargo.

Condenser Coils, date of last test *1938* 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 *yes* 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 *Not under pressure* 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:- The working parts of the compressors and attached steam, brine and cooling water pumps examined and found in good condition.

The refrigerated cargo chambers and their fittings examined throughout, the insulation being tested for fullness and dryness and all found satisfactory.

General observations, opinion, and recommendation

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

The refrigerating machinery and appliances of this vessel are in good condition and eligible, in my opinion, to remain as classed with fresh record of survey + LLOYD'S R.M.C. 2,40

Fee *7/10* Fee applied for, *21/2/40*

Travelling Expenses *30/10* Received by me, *19*

Committee's Minute *FRI 11 MAR 1940*

Assigned *+ Lloyd's Rmb 2.40*

J. McFee
Surveyor to Lloyd's Register of Shipping.

It is submitted that
this vessel is eligible for
THE RECORD

+ Lloyd's PWC 240

GM

28/2/40



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Foundation