

REPORT OF SURVEY ON REFRIGERATING MACHINERY & APPLIANCES.

Date of writing Report 14th Feb 1940 When handed in at Local Office 19/2/40 (Received at London Office 19/2/40) Port of TRIESTE 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 & 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. | |
| <u>2</u> | <u>2</u> | <u>CO₂</u> | <u>J. & E. Hall</u> | <u>1926</u> | <u>Brine Cork & Oil cotton</u> | <u>-</u> | <u>84</u> | <u>6</u> | <u>141,430</u> | <u>Lloyd's RMC 5,39</u> |

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

Have 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 1 MAR 1940

Assigned + Lloyd's Rmb 2.40

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

Lloyd's Register Foundation

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

2m.11.57. T. MADE IN ENGLAND

It is submitted that
this vessel is eligible for
THE RECORD. + Lloyd's PWC 240

GM
28/8/40



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Foundation