

REPORT OF SURVEY ON REFRIGERATING MACHINERY & APPLIANCES.

(Received at London Office

24 JUL 1951

Date of writing Report 23rd May 1951 When handed in at Local Office 23rd May 1951 Port of Yokohama

No. in Reg. Book. 50458 Survey held at Yokohama Date: First Survey and Last Survey 22nd May 1951 on the Refrigerating Machinery and Appliances of the m/v "AJAX" (No. of Visits One)

Tons { Gross 7540 Vessel built at Greenock By whom Scotts' S.B. & Eng. Co. When 1931 Net 4628 Owners Ocean S.S. Co. Ltd. Port Liverpool Voyage

Last Survey No. Port

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.	
-	-	-	-	-	-	-	-	-	44,110	Lloyd's RMC

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 air at the snow box and 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 Yes

Condenser Coils, date of last test No record If machinery is electrically driven, date of last examination of a generator No record
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 No Have the direct expansion or brine cooled battery coils been examined No
Have the refrigerating liquid pipes, separators and receivers, and the gas return pipes been examined externally as far as practicable No
Has the insulation been examined throughout the cargo chambers No 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 No
Have the hatches, air trunkways and thermometer tubes with their connections and fastenings been examined No Have the watertight doors been examined and worked
Have the brine pipes or direct expansion pipes been examined No, under what conditions 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 to complete the survey for
Refrigerating Machinery and Appliances not built under survey, the whole of the Rule requirements,
with the exception of the following, remain to be complied with. The Chief Engineer states that
this will be completed on the vessel's arrival at Hong Kong.

Now Done:-

Port and Starboard CO2 compressors opened up and examined in entirety.
Port, Centre and Starboard brine pumps opened up and examined.
Circulating pump opened up and examined.
Electrical circuits examined and megger tested.

The centre brine pump casing and impellor were found corroded and it is recommended that they be renewed at the first opportunity.

Report 17 completed as far as possible and attached herewith.

General observations, opinion, and recommendation The refrigerating machinery and appliances of
(NOTE:-A new Date of Survey should only be recommended in the case of a Complete Periodical Survey.)
this vessel so far as now seen are in an efficient condition and eligible in my opinion to be classed
with this Society, subject to the centre brine pump casing and impellor being renewed at the first
opportunity.

Fee £ 20 : - : - { Fee applied for, 19
Travelling Expenses £ : 10 : - { Received by me, 19

Committee's Minute TUES. 21 AUG 1951

Assigned See Kib 84

