

Rpt. 9

Date of writing report 17.7.58.

Received London

118 JUL 1958

Port HELSINGBORG

No. 2959

Survey held at Helsingborg

No. of visits 2

First date 14.7.58

Last date 15.7.58.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 14407 S.S. Name M.V. "INGARÖ"

Gross tons 2010 Date of build 6-1916

Owners Rederi AB Rex

Managers Ragnar Källström

Port of Registry Stockholm

Engines made 1916 By Cooper & Greig Ltd., Dundee

Type

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 2 W.P. 180 lb

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey Compl. MBS

Was Damage Report issued? No Int. Cert.? Yes.

Last Report (For Head Office only)

Hull	Machinery
*100A1	*1MC
SS(Dr) 3/50 Sbg. 4/54	ES 4/54
DS 1/58	MBS 5/57
	TS(CI) 6/56
	SPS 4/54

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

DOCKING Propellers..... Wear Down of Stern Bushes..... Oil Glands..... Sea Connections.....

Fastenings..... Has Screwshaft Tubeshaft been drawn?..... Date of Examination..... Has Shaft been changed?.....

Has Shaft now fitted been previously used?..... Has Shaft now examined/fitted a continuous liner?..... Approved oil gland?.....

MAIN ENGINES (Recip. Steam or I.C.)

PORT

STARBOARD

1 Cyls., Covers, Pistons & Rods

2 Valves & Gears

3 Connecting Rods, Top Ends & Guides

4 Crankpins & Bearings

5 Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings

10 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this ship, so far as now surveyed, is eligible in my opinion to remain as classed with record of MBS 6/58 as previously recommended.

Date of Committee

MONDAY 28 JUL 1958

Decision

Deferred for ES (by 459)

40m, 457, T. (MADE AND PRINTED IN ENGLAND.)

MBS 6/58

Engine Surveyor to Lloyd's Register of Shipping

002770-002783-0041

RS due 5.58, part held 6.58, now complete

It is submitted that
this vessel is eligible for
THE RECORD.

MB 6.58

24 JUL 1958

LEAVE THIS SPACE BLANK

Survey fees ... Kronor 120:00
Damage fee ...
Expenses ...
Date when A/c rendered ... 17th July, 1958.

- 32 Essential Independent Pumps (Identify by position)
- 33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls
- 34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?
- 35 Fresh Water Coolers 36 Lub. Oil Coolers 37 Heaters (stele service)
- 38 Independent Air Compressors, Coolers & Safety Devices 40 Auxiliary
- 39 Air Receivers & Safety devices—Main
- 41 Oil Fuel Tanks (Not forming part of hull structure) 43 Have Evaporator Safety Valves been tested under steam?
- 42 Evaporators 45 Windlass 46 Fire Extinguishing Arrangements
- 44 Steering Machinery
- AUXILIARY ENGINES (Identify by position)

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD	PORT	AUXILIARY EQUIPMENT
a Generators	1 Generators & Governors		
b Exciters	m Motors		
c Air Coolers	n Switchboards & Fittings		
d Motors	o Circuit Breakers		
e Air Coolers	p Cables		
f Control Gear, Cables, etc.	q Insulation Resistance		
g Insulation Resistance	r Steering Gear Generators and Motors		
h Insulating Oil Test	s Navigation Light Indicators		
i Overspeed Governors			
j Magnetic Couplings			
k Air Gap			

BOLLERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN Port Good AUXILIARY, DONKEY or PRESS

Superheaters Port Good

Safety Valves Port Good

Mountings, Doors & Fastenings Sat. Port and Stbd 180 lbs.

Safety Valves Adjusted to { Spt. Port Good

Boller Securing Arrangements Port Good

Main Economisers Exhaust Gas Heated Economisers

Steam Heated Steam Generators Steam Generator Safety Valves Adjusted to Forced Circulating Pumps

Were Oil Burning System & Remote Controls examined working in accordance with Rules? Funnel

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?

EXAMINATION & TESTING OF STEAM PIPES (State material)
Main Auxiliary (over 3 in. bore)

Were Copper Pipes annealed? Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)