

WRECK
SECTION

Rpt. 9

Date of writing report 13.7.61.

Received London

Port GLASGOW

No.

Survey held at GLASGOW

No. of visits One

First date and

Last date 7.7.61.

No. 765

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 15505 S.S. Name "INVERTEST"

Gross tons 259

Date of build 1920-11

Owners Esso Petroleum Co. Ltd.,

Managers

Port of Registry LONDON

Engines made 1920 By Crabtree & Co. Ltd.,

Type T 3cy. 9 1/2" 15" & 24" x 18"

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 1 SB W.P. 180 lb.

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

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey Repair

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

Last Report (For Head Office only)

Hull
+100 Al. (DR) 6,55 SS 5,59
Oil Tanker - FP above 150°F
DS 5,61

Machinery
+LMC ES 5,59
MBS 5,61
TS 5,61
SPS 5,61

ND OF 11,20

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 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

Cyls., Covers, Pistons & Rods

Valves & Gears

Connecting Rods, Side
Top Ends & Guides Centre

Crankpins & Bearings, Side
Centre

Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

Cyls., Covers, Pistons & Rods

Connecting Rods & Top Ends

Crankpins & Bearings

Journals & Bearings

Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

Cyls., Covers, Pistons & Rods

Connecting Rods & Top Ends

Crankpins & Bearings

Journals & Bearings

Levers

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANŒUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manœuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel so far as now seen

is in safe working condition and eligible in my opinion to remain as classed without

fresh record.

Date of Committee

Decision

50m, 6, 56. T. (MADE AND PRINTED IN ENGLAND.)

Engineer Surveyor to Lloyd's Register of Shipping

(H. MILNE)

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Lloyd's Register
Foundation

If certificate is required state where to be sent

003401-003408-0080

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 (state service)
38 Independent Air Compressors, Coolers & Safety Devices
39 Air Receivers & Safety devices—Main 40 Auxiliary
41 Oil Fuel Tanks (Not forming part of hull structure)
42 Evaporators 43 Have Evaporator Safety Valves been tested under steam?
44 Steering Machinery 45 Windlass 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position).....

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

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN AUXILIARY, DONKEY or PRESS

Superheaters

Safety Valves

Mountings, Doors & Fastenings

Safety Valves Adjusted to { Sat.
Spt.

Boiler Securing Arrangements

Main Economisers Exhaust Gas Heated Economisers

Steam Heated Steam Generators Steam Generator Safety Valves Adjusted to

Were Oil Burning System & Remote Controls examined working in accordance with Rules? Forced Circulating Pumps

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

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)

Attended on board at Owners request following stated loss of water in boiler whilst raising steam. Furnaces gauged, combustion chambers examined and no apparent damage found. Hydraulic test applied to boiler, approx. 80 plain tubes expanded, 6 combustion chamber stays caulked and 5 ft. combustion chamber seam caulked. Boiler now considered in satisfactory condition.

LEAVE THIS SPACE BLANK

Survey fees Repair £5. 5. -.

Damage fee ...

Expenses... £- 4. -.

Date when A/c rendered 31 JUL 1961

Date entry made in RRB. 24. 7. 61

Surveyor's Initials HM.

2020

Lloyd's Register Foundation