

Rpt. 9

Date of writing report August 2nd, 1960.

Survey held at MONTREAL, Que.

Received London

Port MONTREAL

No. 13590

No. of visits 8

First date May 4th/60.

Last date July 29th, 1960.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 10768 S.S. Name ~~NEW~~ " ITHAKA " ex "Federal Explorer"

Owners Ithaka Shipping Limited

Gross tons 2057

Date of build 1922 - 10

Engines made 1922 By Worthington Corporation.

Managers

Port of Registry NASSAU, N.P.

No. of Main Engines 1 No. of Screws 1

Type T 3Cy.

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

Records of Survey & Special Notations as per Register Book

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

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey Part ES & MBS

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

Last Report (For Head Office only)

Hull
BS*For service on the Great Lakes
& limited coasting service, North
American ports, W. Indies, Central
America & N.E. Coast of S. America
but not W. or N. of Cape Spencer
or South of 6°N.
S.S. 4/56
A.S. 9/59 D.S. 5/59.

Machinery
MBS* ES 4/55
MBS 9/59
TS(C.L) 4/59
SPS 5/58

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 D.C.~~)

PORT

STARBOARD

1 Cyls., Covers, Pistons & Rods H.P., I.P. & L.P. - Good

2 Valves & Gears H.P., I.P. & L.P. - Good

3 Connecting Rods, Top Ends & Guides ~~XXX~~
Centre H.P., I.P. & L.P. - Good

4 Crankpins & Bearings ~~XXX~~
Centre H.P., I.P. & L.P. - Good

5 Journals & Bearings All Good.

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) Good - Tested.

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 vessel is eligible in our opinion to remain as classed with record of MBS 5,60 and SPS 5,60 now and ES (with date) when the survey has been completed.

Date of Committee

TUESDAY 18 OCT 1960

Decision

MBS 5.60
SPS 5.60

50m, 4, 59 T. (MADE AND PRINTED IN ENGLAND)

Noted for Header

Engine Surveyor to Lloyd's Register of Shipping
(A.K. McDOUGALL & D. McKINNON)

002825-002829-0115

32 Essential Independent Pumps (Identify by position) Air Pump (Port Forward) Main Cir. Pump, O.F. transfer pump, Ballast Pump
(Starboard Fwd.) G.S.Pumps(two Starbd.) Sanitary Pump (Starbd.Fwd) Feed Pump (Port) Port & Starbd. Fuel Oil Units,
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls Good. Standby Fuel Oil Unit - ALL GOOD.

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) Oil Fuel - Good

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 Good

45 Windlass

46 Fire Extinguishing Arrangements Good

AUXILIARY ENGINES (Identify by position) Main Circulating Pump Engine
Generator Engine (Port Side) - Both Good.

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

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

MAIN Port 11/5/60. Starboard 11/5/60.

AUXILIARY, DONKEY or PRESS

Superheaters -

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to { Sat. 180 P.S.I.
Spt. -

Boiler Securing Arrangements Good

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? Yes

Forced Circulating Pumps

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

Funnel Good

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main Good Steel

Auxiliary (over 3 in. bore) Good Steel

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)

This vessel was purchased by the present owner from Federal Commerce and Navigation Company Ltd. following an outbreak of fire in the Boiler room. As a result of this fire the following Permanent Repairs and tests have now been carried out.

Both main boilers were stripped of lagging and hydraulically tested.

All fuel oil lines in boiler room stripped of lagging and hydraulically tested.

All steam lines in boiler room stripped of lagging and hydraulically tested.

All flexible oil fuellines renewed.

All pressure gauges in boiler room renewed.

All pipe lines in boiler room rejointed and all valves repacked.

All light fittings and wiring in boiler room renewed and megger tested.

All tests carried out were satisfactory and following tests all pipe lines and boilers were lagged.

All pumps in the Boiler Room were opened up and examined along with O.F. Heaters, which were tested hydraulically.

LEAVE THIS SPACE BLANK

Survey fees ... \$270.00

Damage fee ...

Expenses... \$25.00

Date when A/c rendered

SEP 1 - 1960

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Foundation