

15 AUG 1961

Rpt. 9

Date of writing report 10. 8. 61. Received London Port MALTA No. 2548
Survey held at Manoel Island, Malta. No. of visits 5 First date 2. 7. 61. Last date 5. 8. 61.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 02433 Name M.V. "ARZELLA" Gross tons 404 Date of build 4/44
Owners Shell Co. (Malta) Ltd. Managers - Port of Registry London
Engines made 4/44 By Mirrlees, Bickerton & Day, Stockport. Type Mirrlees 4 SA 6Cy.

Table with columns for Hull and Machinery. Hull: BS, oil tanker, Coasting service, SS (Dr) 10/57, DS 7/60. Machinery: MBS, BS 3/57, nd 12/52, d 7/59, OG 7/60.

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.

DOCKING Propellers good Wear Down of Stern Bushes .042" Oil Glands good Sea Connections -
Fastenings good Has Screwshaft Tubeshaft been drawn? Date of Examination Has Shaft been changed?
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 manœuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS
This ship's machinery so far as now seen is in good condition and eligible in my opinion to remain as Classed without fresh record of Survey, and to have the record of DBS 7/61, subject to all conditions at present attached to the ship's class being dealt with as previously recommended.

Date of Committee TUESDAY - 5 SEP 1961
Decision as now, subject. DBS. 7.61

Noted for Header

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Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent.

- 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		AUXILIARY EQUIPMENT
	PORT	STARBOARD	
a Generators			l 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			
Magnetic Couplings			
k Air Gap			

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

MAIN	AUXILIARY, DONKEY or PRESS
Superheaters	good
Safety Valves	good
Mountings, Doors & Fastenings	45 lbs/sq.in.
Safety Valves Adjusted to { Sat. Spt.	good
Boiler Securing Arrangements	Exhaust Gas Heated Economisers
Main Economisers	Steam Generator Safety Valves Adjusted to
Steam Heated Steam Generators	Forced Circulating Pumps
Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes	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)

At the request of the Owner a General Examination for postponement of Special Survey was carried out at this docking in compliance with Circular No. 1959. From the examination now made it is submitted that the Special Survey due 10/61 may be postponed for 12 months.

Repairs due to wear and tear

Main engine

Crankpin bearings Nos. 1 and 6, whitmetal worn and cracked, now remetalled.
All (6) cylinder heads, pistons and connecting rods removed for examination. Crankshaft deflections taken in light and loaded condition of ship and found to be satisfactory.

Donkey Boiler

2 in. no. tubes removed for examination (corroded) - now renewed.
Boiler operated continuously on raw feed and heavily scaled - now chemically cleaned, tested to W.P. and found satisfactory.

LEAVE THIS SPACE BLANK

Survey fees DBS. £10. 10. -.
Gen. Ex. £5. - . -.
Repairs £10. - . -.

Damage fee ... -
Expenses ... £2. 18. -.

Date when A/c rendered



2021

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