

Rpt. 9

Date of writing report 6/4/61. Received London Port Khorramshahr No. 324.  
Survey held at Abadan. No. of visits 3. First date 4/3/61. Last date 5/4/61.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 82383. Name M.V. Steam Tug "TAFRASH". Gross tons 209. Date of build 1949-4  
Owners National Iranian Oil Co., Managers - Port of Registry -  
Engines made 1949. By Plenty & Sons. Type C 4CY.

No. of Main Engines 1	No. of Screws 1	Records of Survey & Special Notations as per Register Book	
No. of Main Boilers 1	W.P. 140 lb.	Hull	Machinery
No. of Aux./Donkey Boilers -	W.P. -	+ 100 A1.	+ LMC?
Surveyed Afloat or in Dry Dock Dry Dock.		SS. 10,59.	ES. 10,59.
Nature of Survey DKG., BS.		DKG. 2,60.	M. 10,59.
Was Damage Report issued? No. Int. Cert.? Yes.			OGp&s. 9,59.
Last Report (For Head Office only) Now.			SPS. 2,56.

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 Good. Wear Down of Stern Bushes not taken. Oil Glands tested good Sea Connections good.  
Fastenings good. Has Screwshaft Tubeshaft been drawn? No. 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 { Side Centre
- 4 Crankpins & Bearings { Side Centre
- 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

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

- 16 Casings, Rotors, Blading, Bearings & Thrusts

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 vessel so far as now seen is in good condition and in my opinion is eligible to be retained as at present classed with fresh record of MBS.4,61.

Date of Committee Decision  
MAY 6 1961

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Hoyd's Register  
Foundation  
011896-011904-0105



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		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		

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

MAIN 16/3/61. Good.
AUXILIARY, DONKEY or PRESS
Superheaters
Safety Valves Good.
Mountings, Doors & Fastenings Good.
Safety Valves Adjusted to { Sat. 140 lb/in.
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 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)

Rprs. W & T 32 plain tubes in port C.C. renewed satisfactorily.

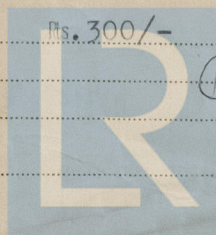
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Survey fees BS. Rs. 6,800/-

Damage fee ...

Expenses... Rs. 300/-

Date when A/c rendered



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Working 18/60 - now held
RBS due 18/61
It is submitted that this
THE
vessel is eligible for
RBS 4/61
RECORD.