

29 APR 1958

Rpt. 9

Date of writing report 25/4/58.  
Survey held at Hull.

Received London 30 APR 1958  
No. of visits 5.

Port Hull.  
First date 15/4/58.  
Last date 25/4/58.  
No. 63928

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 04727 S.S. "BRONTES" (Trawler). Gross tons 424 Date of build 1934  
Owners Henriksen & Co. Ltd. Managers - Port of Registry Hull.  
Engines made Hull. By C.D. Holmes & Co. Ltd. Type Triple expansion.  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 1 W.P. 210 lb.  
No. of Aux./Donkey Boilers - W.P. -  
Surveyed Afloat or in Dry Dock Both.  
Nature of Survey General Exam. DS & MBS.  
Was Damage Report issued? No Int. Cert.? Yes.  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book	
Hull	Machinery
100A1 Steam Trawler 4,57	*LMC 6,54
s.s.Hul 6,54	MBS 5,57
	TSCL 4,56
	SPS 6,54

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 Good. Wear Down of Stern Bushes 1/8" Oil Glands Sea Connections  
Fastenings Good. 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 { 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  
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 vessel, so far as now seen, is eligible in my opinion to remain as now classed and have fresh record of MBS 4,58.

Date of Committee TUESDAY 20 MAY 1958  
Decision MBS 4,58

Noted  
for  
Header



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)

Table with 4 columns: PROPULSION, PORT, STARBOARD, ELECTRICAL EQUIPMENT, and AUXILIARY EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, and Air Gap.

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN 23/4/58 - Good.
Superheaters Good.
Safety Valves Good.
Mountings, Doors & Fastenings Good.
Safety Valves Adjusted to Sat. 210 lb. Spt. 210 lb.
Boiler Securing Arrangements Good.
Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes.
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Yes. 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? Yes.

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)
NOW DONE FOR GENERAL EXAMINATION. (Please see London ltr. Classn. (H) 13/3/58).
The Main and auxiliary machinery including the steering engine and the windlass has been generally examined and tested under working conditions and found satisfactory.
The bilge pumping arrangements have been tested and found in good order.
The Electrical installation has been megger tested repaired where necessary and retested.

NOW DONE FOR VOYAGE REPAIRS:- Examined opened out -
Main engine cylinders, pistons, rings, valve and valve gears, crankshaft and main bearings.
Minor repairs carried out.

It is submitted that the postponement of Engine Special Survey for 12 months (London letter 13/3/58) may receive the favourable consideration of the Committee.

BOILER REPAIRS:- One saturated steel steam pipe from uptakes found wasted and renewed, new pipe hyd. tested to 600 lb. Minor other repairs.

Survey fees Gen. Exam. £8. M.B.S. £10.
Damage fee
Expenses...

Date when A/c rendered