

Rpt. 9

Date of writing report 4/7/62

Survey held at Haugesund

Received London

No. of visits 3

WRECK  
SECTION

Port Bergen

No. 4967

First date 14/6/62

Last date 28/6/62

## REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 17068 Name M.V. "K. J. KNUDSEN" Gross tons 11199 Date of build Cmd. 6-1945  
Owners D/S A/S Lisbeth Managers Knut Knutsen O.A.S. Port of Registry Haugesund

Engines made 6-1954 By Burmeister & Wain, Copenhagen

Type B.&W.

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -

No. of Aux./Donkey Boilers 2 W.P. 150 lbs.

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey Boiler repairs

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

Last Report (For Head Office only) 27704 607

Hull	Machinery
+ 100 Al Oil Tanker	+ LMC
	CS 4/58
	ABS 2/62
SS(Dr) 4/58	Ts(CL) 10/59
DS 2/62	SPS 3/61

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 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 ship, so far as now seen, is in my opinion eligible to remain as classed without fresh record of survey, without special conditions regarding the inboard furnace of the starboard boiler.

Date of Committee

Decision

20m,10,61 T. (MADE AND PRINTED IN ENGLAND)

WEDNESDAY 18 JUL 1962

Noted for  
Fleeter

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Lloyd's Register  
Foundation  
Engineer Surveyor to Lloyd's Register of Shipping  
L.O. Nordaas

003525-003532-0306

h. h. h. h.



32 Essential Independent Pumps (Identify by position)
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls
4 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, AUXILIARY EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, Air Gap, and various auxiliary equipment like Generators & Governors, Motors, Switchboards & Fittings, etc.

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.
Roller Securing Arrangements
Main Economisers
Exhaust Gas Heated Economisers
Steam Heated Steam Generators
Steam Generator Safety Valves Adjusted to
Vere 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)

Boiler repairs:- The starboard donkey boiler examined in way of furnace front inboard furnace and found previously heavily caulked and still leaking. All rivets now removed, caulking edge cut back, rivet holes rebored and ceiling weld fitted on water side after riveting.
Boiler subsequently tested by hydraulic pressure and found sound and tight.

LEAVE THIS SPACE BLANK

Survey fees ... Kr. 150,-
Damage fee ...
Expenses... ... Kr. 165,-
Date when A/c rendered... 5/7/62

