

AIR RECEIVERS. Have they been made under survey _____ State No of report or certificate _____
 State full details of safety devices _____
 Can the internal surfaces of the receivers be examined and cleaned _____ Is a drain fitted at the lowest part of each receiver _____
Injection Air Receivers, No. _____ Cubic capacity of each _____ Internal diameter _____ thickness _____
 Seamless, welded or riveted longitudinal joint _____ Material Material 4154 M Rpt. 4 c. Range of tensile strength _____ Working pressure _____
Starting Air Receivers, No. _____ Total cubic capacity _____ Internal diameter _____ thickness _____
 Seamless, welded or riveted longitudinal joint _____ Material _____ Range of tensile strength _____ Working pressure _____

IS A DONKEY BOILER FITTED 2 boilers so, is a report now forwarded. Yes
 Is the donkey boiler intended to be used for domestic purposes only _____ For heating coils in tanks, for heating of accommodation and for evaporating plant.
PLANS. Are approved plans forwarded herewith for shafting. Yes Receivers _____ Separate fuel tanks _____
 (If not, state date of approval)
 Donkey boilers yes General pumping arrangements _____ and Pumping arrangements in machinery space yes
 Oil fuel burning arrangements yes
 Have Torsional Vibration characteristics been approved yes Date and particulars of approval See your letter Eng. 1/11/54

SPARE GEAR.

Has the spare gear required by the Rules been supplied yes State if for "short voyages" only no
 State the principal additional spare gear supplied See attached list.

The foregoing is a correct description,

Wärtsilä-koncernen A/B

SANDVIKENS SKEPPSBOCKA

Manufacturer.

Dates of Survey while building
 During progress of work in shops - - - See my Report No. 4154 M/Rpt. 4c.
 During erection on board vessel - - -
 Total No. of visits _____

Dates of examination of principal parts—Cylinders _____ Covers _____ Pistons _____ Rods _____ Connecting rods _____
 Crank shaft _____ Flywheel shaft _____ Thrust shaft _____ Intermediate shafts _____ Tube shaft _____
 Screw shaft 10.3.54 Propellers 14.3.54 Stern tubes 10.3.54 Engine seatings 16.3.54 Engine holding down bolts 5.4.54
 Completion of fitting sea connections 14.3.54 Completion of pumping arrangements 9.11.54 Engines tried under working conditions 12.1.54
 Crank shaft, material _____ Identification mark _____ Flywheel shaft, material _____ Identification mark _____
 Thrust shaft, material SM-Steel Identification marks 7421, 7493 Intermediate shafts, material SM-Steel Identification marks 7618, 7617, 7619, 7617, 7619, 7617
 Tube shaft, material _____ Identification mark _____ Screw shaft, material SM-Steel Identification mark _____
 Identification marks on air receivers Two 1500 liters Receivers: 2613 and 2614 Lloyd's Test 18.5.54. Two 800 liters Receivers: 2606 and 2607 Lloyd's Test 18.5.54. Two 200 liters Receivers: 2618 and 2619 Lloyd's Test 18.5.54.
 Welded receivers, state Makers' Name Wärtsilä-koncernen Ab, Maskin och Bro.

Is the flash point of the oil to be used over 150°F yes
 Have the requirements of the Rules for oil fuel pipes and tank fittings been complied with yes
 Full description of fire extinguishing apparatus fitted in machinery spaces foam in Diesel Engine Rooms, Boiler Room, on open deck, CO2 in all Engine Rooms, Boiler Room, Manoeuvring Room, Fuel Oil Tanks, Cargo Holds, and in the room. Steam in Boiler Room.
 Is the vessel (not being an oil tanker) fitted for carrying oil as cargo _____ If so, have the requirements of the Rules been complied with _____
 What is the special notation desired Strengthened for Navigation in Ice.
 If the notation for ice strengthening is desired, state whether the requirements in this respect have been complied with yes

Is this machinery duplicate of a previous case No If so, state name of vessel _____

General Remarks (State quality of workmanship, opinions as to class, Speed restrictions, &c.)

All the pumps, mentioned above, have been manufactured by the Builders, and have same been examined and tested and tried by the undersigned. The shafts have been manufactured abroad and have same been found certified by the Surveyors of our Society.
 The workmanship has been found good.
 I am of the opinion that the machinery is eligible to be entered as classed in the Register

For certificates and drawings, see attached lists.

PLEASE SEE MY LETTER L 181/55 of 12.3.55

The amount of Entry Fee Fee included in the amount stated on the Report No. 4154
 Special ... When applied for 19
 Donkey Boiler Fee... When received 19
 Travelling Expenses (if any) £ _____

Committee's Minute FRIDAY 29 APR 1955

Assigned +LMC 1.55 - July.

2 DB 142 lb. Str. for Nav. in Ice.



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The Surveyors are requested not to write on or below the space for Committee's Minute.