



Is **a Donkey** Boiler fitted? If so, is a report now forwarded?  
 { **an Auxiliary** }  
 Is the donkey boiler intended to be used for domestic purposes only  
 Plans. Are approved plans forwarded herewith for Shafting Main Boilers Auxiliary Boilers Donkey Boilers  
 (If not, state date of approval)  
 Superheaters General Pumping Arrangements Oil Fuel Burning Arrangements  
 Geared turbines situated aft. Have torsional vibration characteristics of system been approved Date of approval

**SPARE GEAR.**

Has the spare gear required by the Rules been supplied **Yes**  
 State the principal additional spare gear supplied

The foregoing is a correct description.

*S. Ohyama*

Manufacture

Dates of Survey while building: During progress of work in shops - 1959: Jan. 29, 31, Apr. 9, 14, 21, 28, May 7, 28, 30, Jun. 4, 16, 18, 20, 22, 27, 29, 30.  
 During erection on board vessel - July 2, 6, 8, 20, 24.  
 Total No. of visits 22  
 Dates of Examination of principal parts: Casings HP 21-4-59 LP 28-5-59 Rotors HP 16-6-59 LP 2-7-59 Blading HP 22-6-59 LP 29-6-59 1st LP 8-7-59 6-7-59 2nd LP 30-6-59  
 Wheel shaft 7-5-59 Thrust shaft 28-4-59 Intermediate shafts Tube shaft Screw shaft  
 Propeller Stern tube Engine and boiler seatings Engine holding down bolts  
 Completion of fitting sea connections Completion of pumping arrangements Boilers fixed Engines tried under steam  
 Main boiler safety valves adjusted Thickness of adjusting washers  
 Rotor shaft, Material and tensile strength HP Ni, Mo, V. Steel HP 106220, 104980, 108970, 107990 PSI LP 116670, 114020, 111830, 115120 Identification Mark LP 33335 1/1-1  
 Flexible Pinion Shaft, Material and tensile strength Solid with 1st wheel shaft HP 110070, 112920 PSI LP 111170, 107320 Identification Mark LP 33E 1123 2/2-1  
 Pinion shaft, Material and tensile strength N. Cr Mo STEEL HP 119420, 121070, 117310, 121070 PSI HP 115570, 118320, 116120, 117220 LP 117860, 113370, 119420, 121070 2ND LP 122730, 118750, 120600, 120600 Identification Mark 1st LP 33E 1100 2/2-2 2nd LP 33E 1113 1/2-1  
 Chemical analysis: HP C Si Mn P S Ni Cr Mo LP C Si Mn P S Ni Cr Mo  
 HP .34 .27 .54 .017 .013 1.80 .80 .34 2ND HP .34 .27 .54 .017 .013 1.80 .80 .34 LP .34 .31 .59 .017 .011 1.77 .82 .35

If Pinion Shafts are made of special steel state date of approval of chemical analyses, physical properties and heat treatment 25-2-59  
 1st Reduction Wheel Shaft, Material and tensile strength Ni Cr Mo Steel (Solid with quill shaft) HP 110070, 112920 PSI LP 111170, 107320 Identification Mark LP 33E 1123 2/2-1  
 Wheel shaft, Material Carbon Steel Identification Mark 33429 1/2-1 Thrust shaft, Material Carbon Steel Identification Mark 33421 1/3-1  
 Intermediate shafts, Material Identification Marks Tube shaft, Material Identification Marks  
 Screw shaft, Material Identification Marks Steam Pipes, Material Test pressure  
 Date of test Is an installation fitted for burning oil fuel

Is the flash point of the oil to be used over 150°F. Have the requirements of the Rules for the use of oil as fuel been complied with  
 Full description of Fire Extinguishing Apparatus fitted in machinery spaces  
 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  
 If the notation for ice strengthening is desired, state whether the requirements in this respect have been complied with  
 Is this machinery a duplicate of a previous case. If so, state name of vessel

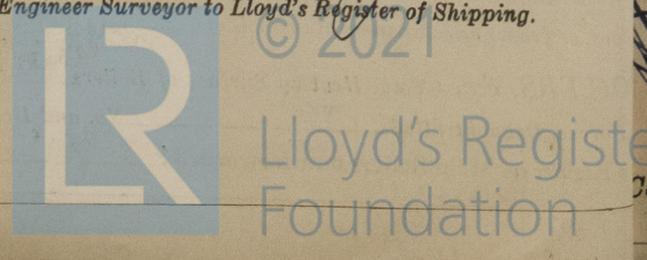
**General Remarks.** (State quality of workmanship, opinions as to class, &c.)  
 The materials of these turbines and reduction gearing were made under the survey of American Bureau of Shipping.  
 These turbines and reduction gearing have been examined in finish machined condition and tested in the shop under no load condition and found satisfactory.  
 It is submitted that the machinery is eligible for classification with this Society with the notation of LMC with date when satisfactorily installed in the vessel.

Certificate (if required) to be sent to  
 (The Surveyors are requested not to write on or below the space for Committee's Minute.)

The amount of Entry Fee £ 130,000-  
 Special ... £ : :  
 Donkey Boiler Fee ... £ : :  
 Travelling Expenses (if any) £ : :  
 YOKOHAMA  
 When applied for DEC 5, 1959  
 When received

*AMH*  
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRIDAY 25-MAR 1960  
 Assigned *See Rpt. 1*



#458  
 22.2.60.