

BOILERS, &c. — (Letter for record) Total Heating Surface of Boilers 11,680 sq. ft. 21,130 sq. ft.
 Is Forced Draft fitted Yes No. and Description of Boilers Two - "D" type, oil fired Working Pressure 645/lb
 Is a Report on Main Boilers now forwarded? Yes
 Is { a Donkey } Boiler fitted? No If so, is a report now forwarded? Yes
 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 _____
 Spare Gear. State the articles supplied: one bronze propeller (5 bladed)
one complete set of shell bearings & thrust shoes.
Six H.P. casing joint bolts
Eleven L.P. casing joint bolts
Six bearing cap bolts (studs)
One impeller shaft for main circulating pump.
Twelve boiler tube stoppers
One set oil fuel nozzles
Quantity of assorted studs, nuts & bolts various sizes
 The foregoing is a correct description, M. J. Sullivan Manufacturer

Dates of Examination of principal parts — Casings continuous Rotors Feb. 1952 Blading May 1952 Gearing Jan. 53
 Wheel shaft ✓ Thrust shaft ✓ Intermediate shaft May 1952 Tube shaft ✓ Screw shaft May 1952
 Propeller Dec. 52 Stern tube Nov. 52 Engine and boiler seatings Jan. 53 Engine holding down bolts Jan. 53
 Completion of pumping arrangements Feb. 16th 53 Boilers fixed ✓ Engines tried under steam Feb. 16th
 Main boiler safety valves adjusted Feb. 16th 53 Thickness of adjusting washers ✓ Heat No. 26 B 662 B1.
 Rotor shaft, Material and tensile strength H.P. O.H. steel 90,000 lbs. elong: 21%, reduction 45% Identification Mark 27 B 662 A.
L.P. O.H. steel 75,000 elong: 22% .. 40%
 Flexible Pinion Shaft, Material and tensile strength ✓ Identification Mark _____
 Pinion shaft, Material and tensile strength ✓ please see Cleveland report 1563 Identification Mark _____
Sept. 29th 53
 1st Reduction Wheel Shaft, Material and tensile strength ✓ Identification Mark _____
 Wheel shaft, Material _____ Identification Mark _____ Thrust shaft, Material _____ Identification Mark _____
 Intermediate shaft, Material Forged steel Identification Mark 81M 084 A.1. Tube shaft, Material _____ Identification Mark _____
 Screw shaft, Material Forged steel Identification Mark A.B. 928 A. Steam Pipes, Material Solid drawn O.H. Test pressure 1400 lbs/□
 Date of test Feb. 24th 1953. Is an installation fitted for burning oil fuel Yes
 Is the flash point of the oil to be used over 150°F Yes Have the requirements of the Rules for the use of oil as fuel been complied with Yes
 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 ✓
 Is this machinery a duplicate of a previous case Yes If so, state name of vessel S/S Fairaika N.Y.K 51871.
La Cruz.

General Remarks (State quality of workmanship, opinions as to class, &c.) The main H.P. & L.P. turbines have been built under special survey in accordance with approved plans. The workmanship & materials are good. The hydraulic tests satisfactory. On completion, the turbines were run in shop at 15% over designed speed & found satisfactory. The above mentioned machinery with reduction gearing have been fitted in vessel. The workmanship & materials are good, tested and working conditions & found to be satisfactory. (NOTE. 26" dia; screw shaft has 4" dia; hollow centre for strain gauge attachments, per accompanying plan E. 4517-38-2.)
In my opinion, the machinery of this vessel is eligible to have the record of L.M.C. 2.53 in the Register book.

The amount of Entry Fee	£	When applied for,
Special	1500.-	MAR 26, 1953
TESTING MATERIALS	260.-	
Donkey Boiler Fee	£	When received,
Travelling Expenses (if any)	150.-	19
TESTING MATERIALS (PITS)	£	

W. P. Hulse
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute NEW YORK MAR 25 1953
 Assigned + L.M.C. 2.53
 C.L.

