





SUPERHEATER. Type *Water waste heat* Date of Approval of Plan \_\_\_\_\_ Tested by Hydraulic Pressure to *630 lbs.*  
Date of Test \_\_\_\_\_ Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler *yes*  
Diameter of Safety Valve *1 1/2"* Pressure to which each is adjusted *215 lbs.* Is Easing Gear fitted *yes*

IS A DONKEY BOILER FITTED? *no* If so, is a report now forwarded? *✓*

SPARE GEAR. State the articles supplied: *2 Propeller blades, 1 set coupling bolts, 1 set feed pump valves, 1 set large pump valves, 1 set boiler feed check valves, 1 set air pump valves, 1 set circulating pump valves, 110 Condenser tubes, 100 do. gaskets, an assortment of bolts, nuts, studs and washers of various sizes*

The foregoing is a correct description,  
Columbia River Ship Building Corporation Manufacturer.

Dates of Survey while building { During progress of work in shops -- *Aug 21, 26, Sept. 6, 11, 19, 24, 30 Oct 5, 21, 27, 28, 31 Nov. 7, 9, 14*  
During erection on board vessel --- *Nov 15, 23, 29 Dec. 6, 14, 21, 27, 28, Jan. 2*  
Total No. of visits *25* Is the approved plan of main boiler forwarded herewith *no*

Dates of Examination of principal parts—Casings Rotors Blading Gearing  
Rotor shaft Thrust shaft *Nov 29, '18* Tunnel shafts *Nov 29, '18* Screw shaft *Dec 6, '18* Propeller *Dec 6, '18*  
Stern tube *Nov 7, '18* Steam pipes tested *Dec 6, '18* Engine and boiler seatings *Dec 14, '18* Engines holding down bolts *Dec 14, '18*  
Completion of pumping arrangements *Dec 21, '18* Boilers fixed *Dec 6, '18* Engines tried under steam *Dec 28, '18*  
Main boiler safety valves adjusted *Dec 24, '18* Thickness of adjusting washers *check nuts*  
Material and tensile strength of Rotor shaft Identification Mark on Do.  
Material and tensile strength of Pinion shaft Identification Mark on Do.  
Material of Wheel shaft Identification Mark on Do. Material of Thrust shaft *Steel* Identification Mark on Do.  
Material of Tunnel shafts *Steel* Identification Marks on Do. Material of Screw shafts *Steel* Identification Marks on Do.  
Material of Steam Pipes *C. H. lap welded steel* Test pressure *630 lbs. per sq. in.*  
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 Section 49 of the Rules been complied with *yes*

Is this machinery a duplicate of a previous case *yes* If so, state name of vessel *"Western Plains"*

General Remarks (State quality of workmanship, opinions as to class, &c.)  
*The geared turbine has been constructed under special survey at Schenectady, Ct. The Boilers have been built under special survey, of material tested by the Society's Surveyors, at Portland, Oregon and the workmanship is good.*

*The machinery worked well on steam trial and it is submitted that the record of + LMC 1-19 Electric light be made in the Register Book in the case of this vessel*

*It is submitted that this vessel is eligible for THE RECORD + LMC 1-19 FD. FIRED FOR OIL FUEL 1-19 F.P. ABOVE 150°F. GEARED STEAM TURBINE*  
The amount of Entry Fee ... \$ *45.00* : When applied for, *Jan 13 1919*  
Special ... \$ *245.00* : *JK*  
Donkey Boiler Fee ... \$ : *24/3/19*  
Travelling Expenses (if any) \$ *25.00* : When received, *Feb. 10 1919*  
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute *New York MAR 4 1919*  
Assigned *+ dmc 1.19* *20/3/19*