



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1912, GR-12.  
VAL. GR. L-74.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class **F-1** I. C. C. Class **2-8-0** Service **Freight** Number **55**

## LOCOMOTIVE DATA

Original Number **460**  
 Renumbered from **460** to **98** Date **Aug. 1897**  
 " " **98** " **55** " **July 28, 1900**  
 Builder **Baldwin Loco. Wks.** Builders No. **10000**  
 Date Built, Month **June** Year **1889**  
 From whom purchased **Baldwin Locomotive Wks.**  
 Purchased New or Second Hand **New** Date **6-18-89**  
 Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
 Receiving Station **St. Paul, Minn.** Date **6-30-89**  
 Setting up Shop **Brainerd, Minn.**  
 Boiler Type **Straight Top, Rad. Stav** O. D. First Ring **72"**  
 Flues, No. **271** Outside Dia. **21"** Length **13'6"**  
 Steam Pressure, Maximum **150#** Working **150#**  
 Firebox, Type **Narrow** Length **121"**  
 Width, Top **62 1/2"** Bottom **42"**  
 Height, Front **63"** Back **59 1/2"**  
 Grate Area **35.3 sq. ft.** Oil Burner, Type \_\_\_\_\_ Size \_\_\_\_\_  
 Combustion Chamber, Length **None**  
 Arch Tubes, No. **None** Size \_\_\_\_\_  
 Superheater, Kind **None**  
 Feedwater Heater, Kind **None** Reheater, Kind **None**  
 Heating Surface Tubes \_\_\_\_\_ Flues \_\_\_\_\_  
 Firebox \_\_\_\_\_ Arch Tubes \_\_\_\_\_  
 Superheating \_\_\_\_\_ Total Equivalent **2,321 sq. ft.**  
 Cylinders H. P., Dia., **22"** L. P. Dia., \_\_\_\_\_ Stroke **28"**  
 Drivers—Dia. over New Tires **51"**  
 Driving Wheel Centers, Kind **Cast Iron** Dia. **44"**  
 Wheels, Leading Truck, Kind **Steel Tired** Dia. **30"**  
 Wheels, Trailing Truck, Kind \_\_\_\_\_ Dia. \_\_\_\_\_  
 Wheel Base, Rigid **14'0"** Total **22'3"**

Weight on Drivers **135,000 lbs.**  
 Weight of Engine, Working Order **150,000 lbs.** Light **130,400 lbs.**  
 Tractive Power I. C. C. Formula **33.8**  
 TENDER, Type **U-Shape** Number **3-A-1**  
 (Tender shown is one purchased with this locomotive)  
 Capacity, Water, Gals. **3,500** Oil, Gals. \_\_\_\_\_ Coal, Tons **10**  
 Underframe, Kind **Wood** End Sills, Kind **Wood**  
 Wheels, No. **8** Kind **Steel Tired** Dia. **33"**  
 Journals, Size **4 1/2" x 8"** Trucks, Kind **Equalized**  
 Air Brake Cylinder, Size **10" x 12"** Coal Pusher, Kind **None**  
 Weight, Light **34,430 lbs.** Loaded **83,600 lbs.**  
 Weight Engine and Tender, Light **164,830 lbs.** Loaded **233,600 lbs.**

## APPURTENANCES

Headlights, No. **1** Kind **Pyle - Electric**  
 Main Valve, Kind **Slide** Dia. (If piston) \_\_\_\_\_  
 Valve Gear, Kind **Stephenson** Driver Brake, Kind **Am. Equal.**  
 Air Brake Equipment, Kind **Westinghouse** Schedule **A-1, S, W, A.**  
 Air Pumps, No. **2** Make **Westinghouse** Size **9 1/2"**  
 Air Reservoirs, No. **2** Size **12" x 144" & 22 1/2" x 84"**  
 Train Signals, Kind **None** Sanders, Kind **Browne**  
 Stoker, Kind **None** Power Reverse, Kind **None**  
 Flange Lubricators, Kind **None**  
 Pneumatic Fire Doors, Kind **None**  
 Automatic Bell Ringers, Kind **Crosby**  
 Couplers, Kind, Engine **Sharon 6" x 6"** Tender **Sharon 5" x 5"**

## FINAL DISPOSITION

By **DISM.** Place \_\_\_\_\_ Date **9-30-33**

Original Cost F. O. B.	
Receivership Value	8 000 00
Designing and Engineering	
Inspection during Construction	
Inspection of Material	
Messenger Service	
Setting up and breaking in	
Miscellaneous, Tools, etc.	
Freight paid from _____ to _____	
Total	8 000 00

ENG. REPORT \$ 12,570.00 ~~DEPRECIATION~~ ENGINE 88.5% = 11,124.45  
 TENDER 11.5% = 1,445.55  
 DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS **NP55**

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	REC.	7080.00		E.R.	REC.	920.00
		831-09	224.75		O.B.	5079-21	1.74
		846-11	5.04			5015-29	(921.74)
	O.B.	925-16	1.43				
		804-18	357.36				
		5092-28	4.83				
		5114-30	64.92				
		5049-33	(7738.33)				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	Amount
831-09	1-10	Electric headlights	224.75
846-11	5-15	Safety Appliances	5.04
925-16	<del>4-21</del>	Back stop on pilot steps	1.43
5079-21	3-12-24	AL-156 lbater Crane Hooker	1.74
804-18	11-11-24	10 1/2" C.C. Air Compressor	357.36
5049-26	5-26	Tender Portion Retired	<
5015-29		Retirement adj.	< 921.74
5092-28	11-28	46 1/2" Wind Shields	4.83
5114-30	2-31	AL-74 Pneumatic Fire door	64.92
5049-33	1-19-34	RETIRED ENG. PORTION	(7738.33)

Engr's Report

Orders

FINAL DISPOSITION

By _____	Place _____	Date _____
Total Cost based on { Original Cost / Receivership Value }		
Salvage _____		
Accrued Depreciation _____		
Amount Charged to Retirements _____		