



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1911, GR-10
VAL. GR. L-55.

Form 7310 42.

Northern Pacific Ry. Co's Class S I. C. C. Class 4-6-0 Service Freight Number 154

LOCOMOTIVE DATA

Original Number 154
 Renumbered from _____ to _____ Date _____
 " " " " " "
 Builder Schenectady Loco. Wks. Builders No. 4894
 Date Built, Month Oct. Year 1898.
 From whom purchased Schenectady Loco. Wks.
 Purchased New or Second Hand New Date 10-5-98.
 Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station St. Paul, Minn. Date 10-14-98.
 Setting up Shop Brainerd, Minn.
 Boiler Type Ext. Wagon top, rad. stay O. D. First Ring 70"
 Flues, No. 376 Outside Dia. 2" Length 13'10"
 Steam Pressure, Maximum 200# Working 200#
 Firebox, Type Narrow Length 120-3/16"
 Width, Top 65" Bottom 41"
 Height, Front 84" Back 71 1/2"
 Grate Area 34.2 sq. ft. Oil Burner, Type _____ Size _____
 Combustion Chamber, Length None
 Arch Tubes, No. 4 Size 3"
 Superheater, Kind None
 Feedwater Heater, Kind None Reheater, Kind None
 Heating Surface Tubes 2,707 sq. ft. Flues _____
 Firebox 208 sq. ft. Arch Tubes 32 sq. ft.
 Superheating _____ Total Equivalent 2,947 sq. ft.
 Cylinders H. P., Dia., 22" L. P. Dia., 34" Stroke 28"
 Drivers—Dia. over New Tires 63"
 Driving Wheel Centers, Kind Cast Steel Dia. 56"
 Wheels, Leading Truck, Kind Steel Tired Dia. 30"
 Wheels, Trailing Truck, Kind _____ Dia. _____
 Wheel Base, Rigid 14'10" Total 26'3 1/2"

Weight on Drivers 131,800 lbs.
 Weight of Engine, Working Order 173,800 lbs. Light 152,500 lbs.
 Tractive Power I. C. C. Formula 28.7
 TENDER, Type U-Shape, Number 5-C-4
 (Tender shown is one purchased with this locomotive)
 Capacity, Water, Gals. 4,350 Oil, Gals. _____ Coal, Tons 9
 Underframe, Kind Steel End Sills, Kind Wood
 Wheels, No. 8 Kind Cast Iron Dia. 33"
 Journals, Size 4 1/2" x 8" Trucks, Kind Arch Bar
 Air Brake Cylinder, Size 10" x 12" Coal Pusher, Kind None
 Weight, Light 38,200 lbs. Loaded 92,450 lbs.
 Weight Engine and Tender, Light 190,700 lbs. Loaded 266,250 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. 1 Make Westinghouse Size 9 1/2"
 Air Reservoirs, No. 2 Size 12" x 144"
 Train Signals, Kind West. Air Sanders, Kind Browne
 Stoker, Kind None Power Reverse, Kind None
 Flange Lubricators, Kind None
 Pneumatic Fire Doors, Kind None
 Automatic Bell Ringers, Kind Gollmar
 Couplers, Kind, Engine Sharon 6" x 6" Tender Sharon 5" x 5"

FINAL DISPOSITION

By RETIRED Place _____ Date 10-1-25

Original Cost F. O. B. Chicago, Ill.	11 648 23
Receivership Value	
Designing and Engineering	
Inspection during Construction	
Inspection of Material	
Messenger Service	
Setting up and breaking in	(91 34
Miscellaneous, Tools, etc.	(
Freight paid from Chicago to St. Paul	78 00
Total	11 817 57

DEPRECIATION **ENGINE** 86% = 12,131.16
TENDER 14% = 1,974.84
ENG'R. REPORT 14,106.00

DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS **NP 154**

Cost or Value	-DEPRECIATION-			Cost or Value	-DEPRECIATION-		
	R+E	-ENGINE			R+E	-TENDER	
	Rate	Period	Amount		Rate	Period	Amount
E.R.		O.C.	10,163.11	E.R.		O.C.	1,654.46
		845-10	224.18			5092-48	1,654.46
		846-11	5.43				
O.C.		925-16	1.43				
		5030-26	(12,048.61)				
		5015-29	1,654.46				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
845-10	7-11	Electric headlights	224 18
846-11	5-15	Safety appliances	5 43
925-16	10-11	Back stop on pilot step	1 43
5030-26	10-25	Engine portion retired	< 12,048.61 >
5015-29		Retirement adj.	1,654.46
5092-48	10-11-48	TENDER DIRM.	<u>< 1,654.46 ></u>

Eng'r. Report
Order 3

memo - when retiring this tender make an adjustment of 2.197 from valuation but not from ledger to cover error for Tender 5030-26 (Aug 1948) 1.74 at 1.52

FINAL DISPOSITION

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