



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

**ER. P-1911, GR-12.**  
**VAL. GR. L-57.**

Northern Pacific Ry. Co's Class S-2 I. C. C. Class 4-6-0 Service Freight Number 114

LOCOMOTIVE DATA

Original Number 114  
 Renumbered from \_\_\_\_\_ to \_\_\_\_\_ Date \_\_\_\_\_  
 " " " " " "  
 Builder Schenectady Loco. Wks. Builders No. 5603.  
 Date Built, Month Oct. Year 1900.  
 From whom purchased Schenectady Loco. Wks.  
 Purchased New or Second Hand New Date 10-4-1900.  
 Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
 Receiving Station St. Paul, Minn. Date 10-15-1900.  
 Setting up Shop Brainerd, Minn.  
 Boiler Type Ext. wagon top, rad. stay O. D. First Ring 70"  
 Flues, No. 376 Outside Dia. 2" Length 14'2"  
 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 2,776 sq. ft. Flues \_\_\_\_\_  
 Firebox 208 sq. ft. Arch Tubes 32 sq. ft.  
 Superheating \_\_\_\_\_ Total Equivalent 3,016 sq. ft.  
 Cylinders H. P., Dia., 22" L. P. Dia., 34" Stroke 30"  
 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 25'10 1/2"

Weight on Drivers 141,000 lbs.  
 Weight of Engine, Working Order 182,500 lbs. Light 160,800 lbs.  
 Tractive Power I. C. C. Formula 30.7  
 TENDER, Type U-Shape, Number 7-C-18  
 (Tender shown is one purchased with this locomotive)  
 Capacity, Water, Gals. 4,350 Oil, Gals. \_\_\_\_\_ Coal, Tons 7  
 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 92,400 lbs.  
 Weight Engine and Tender, Light 199,000 lbs. Loaded 274,900 lbs.

APPURTENANCES

Headlights, No. 1 Kind Pyle - Electric  
 Main Valve, Kind Piston & Slide Dia. (if piston) 12"  
 Valve Gear, Kind Stephenson Driver Brake, Kind Am. Equal.  
 Air Brake Equipment, Kind Westinghouse Schedule A-1, SWA.  
 Air Pumps, No. 1 Make Westinghouse Size 9 1/2"  
 Air Reservoirs, No. 2 Size 22 1/2" x 51"  
 Train Signals, Kind West. Air Sanders, Kind Leach E Dble. & Hand  
 Stoker, Kind None Power Reverse, Kind None  
 Flange Lubricators, Kind None  
 Pneumatic Fire Doors, Kind None  
 Automatic Bell Ringers, Kind Crosby  
 Couplers, Kind, Engine Tower 6" x 6" Tender Sharon 6" x 6"

FINAL DISPOSITION

By Retired Place \_\_\_\_\_ Date 10-1-25

Original Cost F. O. B. Chicago, Ill. 16 879 21  
 Receivership Value \_\_\_\_\_  
 Designing and Engineering \_\_\_\_\_  
 Inspection during Construction \_\_\_\_\_  
 Inspection of Material \_\_\_\_\_  
 Messenger Service \_\_\_\_\_  
 Setting up and breaking in ( 78 86  
 Miscellaneous, Tools, etc. \_\_\_\_\_  
 Freight paid from Chicago to St. Paul 78 00  
 Total 17 036 07

ENG. REPORT 15,140.00

DEPRECIATION ENGINE 86% = 13,020.40  
 TENDER 14% = 2,119.60

DEPRECIATION BASED ON { Original Cost  
 Receivership Value } PLUS IMPROVEMENTS

**NP114**

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
831-09	1-10	Electric headlights	224 76
846-11	5-15	Safety Appliances	6 10
925-16	<del>1-22</del>	Back stop on pilot steps	1 43
887-17	3-20	Cross comp. compressor	<del>238.68</del> 238.68
5079-21	6-1-22	AL-156 Water Crane Hooks	1 74
5030-26	10-25	Engine portion retired	<17,682.75>
5017-27		Retirement adj.	175.71
5015-29		Retirement adj.	2386.79
5066-30	1-30	Tender retired	<2421.79>
5017-27		Retirement adj.	< 174>
TRANSF. FROM #1066			<u>3500</u>

DEPRECIATION - ENGINE			DEPRECIATION - TENDER		
Rate	Period	Amount	Rate	Period	Amount
E.R.	O.C.	14,651.02	E.R.	O.C.	2,385.05
1	831-09	224.76	OB	5079-21	1.74
	846-11	6.10	1	5066-30	<2421.79>
0.3	925-16	1.43	TRF. FR. #1066 3500		
	887-17	238.68			
	5030-26	<17,682.75>			
	5017-27	175.71			
	5015-29	2386.79			
	5017-27	< 174>			

FINAL DISPOSITION

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