



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-111, GR-9.
VAL. GR. L-54.

Northern Pacific Ry. Co's Class R I. C. C. Class 4-6-0 Service Freight Number 179

LOCOMOTIVE DATA

Original Number 179
 Renumbered from _____ to _____ Date _____
 " " " " " " " " " " " "
 Builder Schenectady Loco. Wks. Builders No. 4571
 Date Built, Month August Year 1897.
 From whom purchased Schenectady Loco. Wks.
 Purchased New or Second Hand New Date 8-7-'97.
 Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station St. Paul, Minn. Date 8-18-'97.
 Setting up Shop Brainerd, Minn.
 Boiler Type Ext. Wagon Top, Radial Stay O. D. First Ring 70"
 Flues, No. 376 Outside Dia. 2" Length 13'6"
 Steam Pressure, Maximum 200 lbs. Working 200 lbs.
 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 _____
 Feedwater Heater, Kind _____ Reheater, Kind _____
 Heating Surface Tubes 2,654 sq. ft. Flues _____
 Firebox 208 sq. ft. Arch Tubes 32 sq. ft.
 Superheating _____ Total Equivalent 2,894 sq. ft.
 Cylinders H. P., Dia., 22" L. P. Dia., 34" Stroke 26"
 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 None Dia. _____
 Wheel Base, Rigid 14'10" Total 25'11"

Weight on Drivers 126,000 lbs.
 Weight of Engine, Working Order 172,500 lbs. Light 151,210 lbs.
 Tractive Power I. C. C. Formula 26.6
 TENDER, Type U-Shape, Number 16-C-13
 (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 1 pr. C.I. S.T. Dia. 33"
 Journals, Size 4 1/4" 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 189,410 lbs. Loaded 264,950 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 22 1/2" x 46"
 Train Signals, Kind West. Air Sanders, Kind Leach E & Hand
 Stoker, Kind None Power Reverse, Kind None
 Flange Lubricators, Kind None
 Pneumatic Fire Doors, Kind None
 Automatic Bell Ringers, Kind Gollmar
 Couplers, Kind, Engine Tower 6" x 6" Tender Sharon 6" x 6"

FINAL DISPOSITION
 By Engine sold with Place to MAI Ry. Co. Date 3-21-23
 Tender 20-C-3.

Original Cost F. O. B. Chicago, Ill.	12	405	58
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in		81	92
Miscellaneous, Tools, etc.			
Freight paid from Chicago to St. Paul		78	00
Total	12	565	50

ENGR. REPORT 14,106.00
 DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS
 DEPRECIATION ENGINE 86% = 12,131.16
 DEPRECIATION TENDER 14% = 1,974.84
 NP179

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
846-11	5-15	Safety appliances	9 88
839-13	6-14	Electric headlights	211 34
925-16	5-17	Back stop on pilot steps	1 43
5079-23	3-23	Engine inspection sold	<12 788 15>
5079-21	3-12-22	AL-156 Hook & Crane Hooks	1 74
5108-24	3-23	BL-6 Retire adj.	394 40
800-18	2-27-22	BL-6 air pump & pump	394 40
5015-29		Retirement adj.	1 760 91
5017-27		Retirement adj.	< 1 74 >
5071-30	6-20	Tender Portion Retired	< 1795 91 >
TRANSF. FROM #1094			35 00

-DEPRECIATION-			-DEPRECIATION-				
R+E -ENGINE			R+E -TENDER				
Cost or Value	Rate	Period	Amount	Cost or Value	Rate	Period	Amount
	E.R.	O.C.	10806.33		E.R.	O.C.	1,759.17
		846-11	9.88		O.C.	5079-21	1.74
		839-13	211.34			5071-30	<1,795 91>
		925-16	1.43		TRF. FR. 1094		35.00
		803-18	394.40				
		5079-23	<12 788 15>				
		5108-24	< 394 40 >				
		5017-27	< 1 74 >				
		5015-29	1760.91				

FINAL DISPOSITION

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