



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

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

Form 7310 4200 RP

53

Northern Pacific Ry. Co's Class F-1 I. C. C. Class 2-8-0 Service Freight Number 53

LOCOMOTIVE DATA

Original Number 651
 Renumbered from 651 to 96 Date Aug, 1897.
 " " 96 " 53 " July 26, 1900.
 Builder Baldwin Loco. Wks. Builders No. 11952
 Date Built, Month June Year 1891.
 From whom purchased Baldwin Loco. Wks.
 Purchased New or Second Hand New Date 6-18-91.
 Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station St. Paul, Minn. Date 6-30-91.
 Setting up Shop Brainerd, Minn.
 Boiler Type Straight Top, Rad. Stay O. D. First Ring 72"
 Flues, No. 271 Outside Dia. 21" Length 13'6"
 Steam Pressure, Ma: num 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 " " Dia. 30"
 Wheels, Trailing Truck, Kind " " Dia. _____
 Wheel Base, Rigid 14'0" Total 22'3"

Weight on Drivers 135,000 lbs. 143500-AT&A 1/2 1/11
 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 7-A-3
 (Tender shown is one purchased with this locomotive)
 Capacity, Water, Gals. 4,000 Oil, Gals. _____ Coal, Tons 10
 Underframe, Kind Wood End Sills, Kind Wood
 Wheels, No. 8 Kind Cast Iron Dia. 33"
 Journals, Size 4 1/2" x 8" Trucks, Kind Equalized
 Air Brake Cylinder, Size 8" x 12" Coal Pusher, Kind None
 Weight, Light 34,430 lbs. Loaded 87,720 lbs.
 Weight Engine and Tender, Light 164,830 lbs. Loaded 237,720 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 120"
 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 6" x 6"

FINAL DISPOSITION

By _____ Place _____ Date _____

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

NP 53

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
		845-10	224.18		O.S.	5079-21	174
		846-11	5.04			5049-33	< 960.24 >
	O.S.	925-16	1.43			TRANS. FROM 919	385.0
		804-18	357.37				
		5092-28	4.83				
		5114-30	64.92				
		5013-42	251.65				
		5034-45	< 7989.42 >				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	Amount
845-10	7-11	Electric headlights	224 18
846-11	5-15	Safety Appliances	5 04
925-16	8-21	Back stop on pilot steps	1 43
5079-21	5-22-22	AL-156 Water Crane Hooks	1 74
804-18	10-25-18	10 1/2 C.C. Air Compressor	357 37
5092-28	11-28	AL-183 Wind Shields	4 83
5114-30	8-31	AL-74 Pneumatic Fireproof	64 92
5049-33	7-9-34	TENDER DISM.	< 960.24 >
		TRANS. FROM #919	385.0
5013-42	12-15-42	POWER REVERSE	251.65
5034-45	4-30-45	ENGINE PORTION DISM.	< 7989.42 >

FINAL DISPOSITION

By _____ Place _____ Date _____

Total Cost based on { Original Cost
 Receivership Value }

Salvage _____
 Accrued Depreciation _____
 Amount Charged to Retirements _____