



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ORDER 3.
VAL. GR. L-114.

Form 7310

Northern Pacific Ry. Co's Class

Y-1I. C. C. Class **2-8-0**

Service Switch

17

LOCOMOTIVE DATA

Original Number **17**
 Renumbered from _____ to _____ Date _____
 " " " " " "
 Builder **Schenectady Loco. Wks.** Builders No. **5468**
 Date Built, Month **August** Year **1900**
 From whom purchased **Schenectady Locomotive Works**
 Purchased New or Second Hand **New** Date **1900**
 Authority No. (see below) Voucher No. _____ Reqn. No. _____
 Receiving Station **St. Paul, Minn.** Date _____
 Setting up Shop _____
 Boiler Type **Ex. Wagon Top, Radial Stay** O. C. First Ring **72 1/2"**
 Flues, No. **206 & 32** Outside Dia. **2" & 5 1/2"** Length **13' 1"**
 Steam Pressure, Maximum **200** Working **175**
 Firebox, Type **Narrow** Length **120-3/16"**
 Width, Top **F-67 1/4"; B-61 1/2"** Bottom **42"**
 Height, Front **77"** Back **73 1/2"**
 Grate Area **35.0** Oil Burner, Type - - - Size - - -
 Combustion Chamber, Length - - -
 Arch Tubes, No. **2** Size **3" Dia.**
 Superheater, Kind **Schmidt**
 Feedwater Heater, Kind - - - Reheater, Kind - - -
 Heating Surface Tubes _____ Flues _____
 Firebox _____ Arch Tubes _____
 Superheating **468 Sq. ft.** Total Equivalent **2921 Sq. ft.**
 Cylinders H. P., Dia., **20"** L. P. Dia., - - - Stroke **34"**
 Drivers—Dia. over New Tires **55"**
 Driving Wheel Centers, Kind **Cast Steel** Dia. **48"**
 Wheels, Leading Truck, Kind **Steel Tired** Dia. **30"**
 Wheels, Trailing Truck, Kind - - - Dia. - - -
 Wheel Base, Rigid **15' 0"** Total **23' 7"**

Retired 6-30-14**Reinstated 3-1917, AFE #849-16, not included in 1917 inventory.**

Weight on Drivers **172,500 lbs.**
 Weight of Engine, Working Order **192,300 lbs.** Light **171,640 lbs.**
 Tractive Power I. C. C. Formula **36.7**
 TENDER, Type **U-Shape** Number **10-C-8**
 (Tender shown is one purchased with this locomotive)
 Capacity, Water, Gals. **5,500** Oil, Gals. - - Coal, Tons **10**
 Underframe, Kind **Steel** End Sills, Kind **Wood**
 Wheels, No. **8** Kind **Steel Tired** Dia. **33"**
 Journais, Size **5" x 9"** Trucks, Kind **Arch Bar**
 Air Brake Cylinder, Size **10" x 12"** Coal Pusher, Kind - - -
 Weight, Light **45,000 lbs.** Loaded **112,000 lbs.**
 Weight Engine and Tender, Light **216,640 lbs.** Loaded **304,300 lbs.**

APPURTENANCES

Headlights, No. **2** Kind **Electric**
 Main Valve, Kind **Piston** Dia. (If piston) **12"**
 Valve Gear, Kind **Stephenson** Driver Brake, Kind **Am. Equalized**
 Air Brake Equipment, Kind **Westinghouse** Schedule **Al. S.W.A.**
 Air Pumps, No. **2** Make **Westinghouse** Size **9 1/2"**
 Air Reservoirs, No. **3** Size **2- 22 1/2" x 51" & 1- 12" x 144"**
 Train Signals, Kind - - - Sanders, Kind **Leach E Dbl. & hand**
 Stoker, Kind - - - Power Reverse, Kind - - -
 Flange Lubricators, Kind - - -
 Pneumatic Fire Doors, Kind - - -
 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. Appraised 3-1917 4,520.77
 Repairs at Brainerd 4,641.40
 Designing and Engineering
 Inspection during Construction
 inspection of Material 17.82
 AAB Labor 808.93
 AAB Material 4,109.78
 Shop & Store Ex. 318.65
 Freight paid from _____ to _____
 Total AFE No. 849-16 14,417.35

photo 18,598.28 diff = 14,072.51

DEPRECIATION

DEPRECIATION BASED ON { Original Cost
 Receivership Value } PLUS IMPROVEMENTS

NP 17

DEPRECIATION			DEPRECIATION		
R+E - ENGINE 84%			R+E - TENDER 16%		
Rate	Period	Amount	Rate	Period	Amount
	O.C.	15,622.56		O.C.	2,975.72
	849-16	3,069.24		5079-21	1.75
	5063-20	1.74		5096-30	55.17
	5028-26	121.03		5000-46	3,032.66
	5096-30	389.99			
	5024-29	85.06			
	5023-34	97.07			
	5034-36	89.12			
	5069-38	89.12			
	5081-39	19,386.69			

ADDITION AND BETTFRMENT

A. F. E. No.	Date	Description	Rate	Period	Amount
5079-21	1-9-22	Water Crane Hook on Tender	1	75	
5063-20	11-21	AL-169. Hand Holds on Sand Dome	1	74	
5028-26	10-29	BL-72. Cast Steel Pilot Beam			121.03
5077-29		Reinstatement adjustment	14	077.51	
5096-30		Reinstatement adj. (1933)	445	165	74,512.50
5024-29	10-29	BL-74 Fire door Changed			85.06
5023-34	7-16-34	BL-177. SPARK ARRESTER			97.07
5034-36	6-4-36	AL-206. BLOWOFF COCK MUFFLER			89.12
5069-38	11-3-39	EN. "2100" REMOVED			89.12
5081-39	2-23-40	ENGINE PARTION DISM.			19,386.69
5000-46	1-21-46	TENDER DISMANTLED			3,032.66

FINAL DISPOSITION

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