



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

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

Form 7310 4200 RP

58

Northern Pacific Ry. Co's Class F-1 I. C. C. Class 2-8-0 Service Freight Number 58

LOCOMOTIVE DATA

Original Number 485
 Renumbered from 485 to 84 Date Aug. 1897.
 " " 84 " 58 " Aug. 11, 1900.
 Builder Baldwin Loco. Wks. Builders No. 10441.
 Date Built, Month Nov. Year 1889.
 From whom purchased Baldwin Loco. Wks.
 Purchased New or Second Hand New Date 12-21-89.
 Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station St. Paul, Minn. Date 12-3-89.
 Setting up Shop Brainerd, Minn.
 Boiler Type Straight top, Rad. Stay O. D. First Ring 72"
 Flues, No. 271 Outside Dia. 2 1/2" Length 13'6"
 Steam Pressure, Maximum 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.
 Weight of Engine, Working Order 150,000 lbs. Light 130,400 lbs.
 Tractive Power I. C. C. Formula 33.S
 TENDER, Type U-Shape, Number 6-A-7

(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 87,770 lbs.
 Weight Engine and Tender, Light 164,830 lbs. Loaded 237,770 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" & 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 Tower 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 58

ADDITION AND BETTERMENT

| A. F. E. No. | Date | Description | |
|--------------|---------|---------------------------|-----------|
| 845-10 | 7-11 | Electric headlights | 224 18 |
| 846-11 | 5-15 | Safety Appliances | 5 04 |
| 925-16 | 9-17 | Back stop on pilot step | 1 43 |
| 860-19 | 8-20 | Water glasses | 28 94 |
| 5079-21 | 4-20-22 | AL-156 Water Crane Hooks | 1 74 |
| 908-17 | 6-20 | Air compressor chpt | 444 16 |
| 5092-28 | 12-28 | AL-183. Hand Shields | 4 83 |
| 5111-30 | 1-31 | Tender Portion Ret. < | 956 74 > |
| 5114-30 | 2-31 | AL-74 Pneumatic Fire door | 64 92 |
| 5008-35 | 3-6-35 | ENGINE PORTION RETIRED < | 7853.50 > |
| | | TRANSF FROM # 1047 | 35.00 |

| DEPRECIATION R+E - ENGINE | | | DEPRECIATION R+E - TENDER | | | | |
|---------------------------|------|---------|---------------------------|---------------|------|-----------------|------------|
| Cost or Value | Rate | Period | Amount | Cost or Value | Rate | Period | Amount |
| | E.R. | REC. | 7080 00 | | E.R. | REC. | 920 00 |
| | | 845-10 | 224 18 | | O.B. | 5079-21 | 1 74 |
| | | 846-11 | 5 04 | | | 5111-30 | < 956 74 > |
| | O.B. | 925-16 | 1 43 | | | TRANSF FR. 1047 | 35.00 |
| | | 860-19 | 28 94 | | | | |
| | | 908-17 | 444 16 | | | | |
| | | 5092-28 | 4 83 | | | | |
| | | 5114-30 | 64 92 | | | | |
| | | 5008-35 | < 7853.50 > | | | | |

FINAL DISPOSITION

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