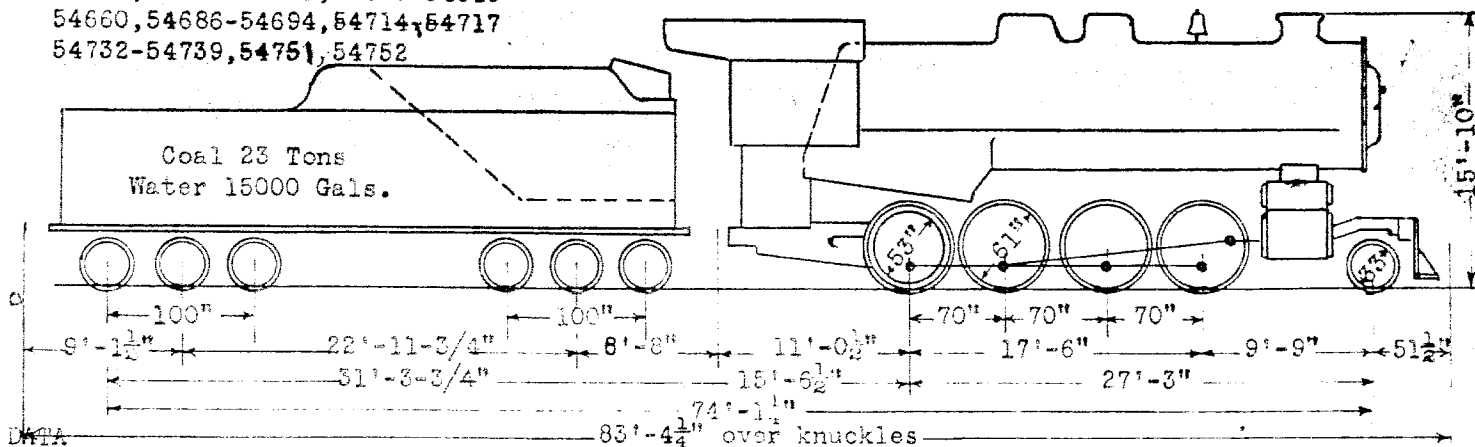


Built B.L.W. March 1921 - May 1921 ^{54609, 54611, 54612}
 Builder's Nos. 54411, 54493-54501, 54609-54613
 54660, 54686-54694, 54714, 54717
 54732-54739, 54751, 54752

Engines No. 801-840
 Class H9 ⁸⁰⁵ 802, 811
 813, 816
 817, 818
 820, 822
 824, 826
 830-836
 839



GENERAL DATA

83'-4 1/4" over knuckles

1. Cylinders, dia. x stroke	27" x 32"	29. Heating surface, tubes and flues	sq.ft. 3130
2. Valve gear	Walschaert	30. " " firebox and syphons	" " 333
3. Valves, size and kind	14" Piston	31. " " total	" " 3463
4. " maximum travel	7"	32. " " superheater	" " 945
5. " steam lap	1-1/8"	33. " " equivalent total	" " 4881
6. " exhaust clearance	Line	34. Grates, length x width	112" x 96 1/4"
7. " lead in full gear	3/16"	35. " area	sq.ft. 74.9
8. " out-off in full gear	88.3%	36. Brack arch, type	Security
9. Rated tractive power	71,500 lbs.	37. Arch ribs	None
10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power)	4.02	38. Stoker	7 x 7 Eng. Standard MB & HT.
11. Sharpest curve	22 Deg.	AIR BRAKE	
WEIGHT		39. Schedule	W.A.B. 6-ET, WN4, 1812, Type 47-B
12. Leading truck	Light 22,000	40. Brake power	46% 134,000 lbs.
13. Driver, first	73,900	41. Pumps	2 - 8 1/2" CC
14. " second	73,300	AXLES	
15. " third	72,000	42. Leading truck	Journal Dia. x Lgth. 6" x 12"
16. " fourth	68,710	43. Driving, main	" " " 12" x 13"
17. " total	287,910	44. Driving, other than main	" " " 11" x 13"
18. Trailing truck	None	45. Trailing truck	" " " None
19. Total engine	254,500	TENDER	
20. Tender, front truck	309,910	46. Frame	Commonwealth cast steel
21. " back "	142,800	47. Draft gear	Farlow-Miner A-18-S
22. " total	142,800	48. Brake schedule	W.A.B. 6-ET, 1812, Type "Q"
23. Total engine and tender	114,600	49. Brake power	87% 100,300 lbs.
BOILER		50. Truck, type	Commonwealth 6-wheel
24. Working pressure, maximum	220 lbs.	51. Axles	A.A.R. 6" x 11"
25. Firebox, length x width	112" x 96 1/4"	52. Wheels	Steel 33"
26. Tubes, No., O.D., & Gauge	228-2 1/4" - 11 - B.W.G.	53. Maximum width over cylinders	11' 1"
27. Flues, No., O.D., & Gauge	50-5 1/2" 9- B.W.G.	54. " " " running boards, at cab	11' 0"
28. Tubes & Flues, length (in to in of tube sheets)	182"		

25/62/2/101 828 218 108 838
 3 53
 2 7 53
 2 1 54
 25 25
 185