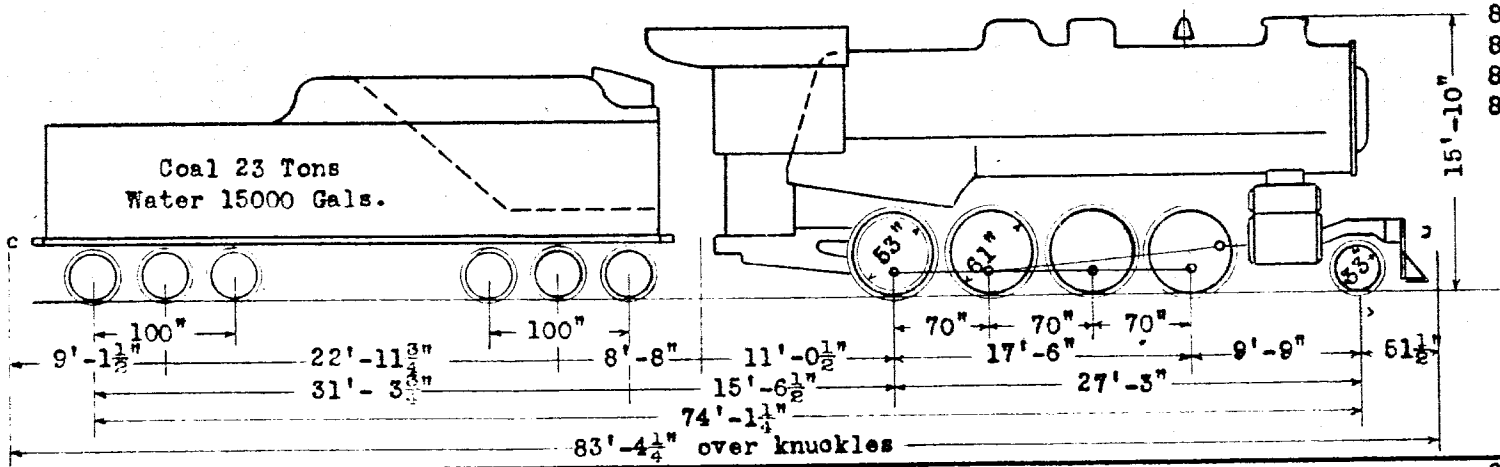


Engines No. 801-806
 Class H9 808-815
 818-820
 824-828
 831-833
 835, 838



GENL. DATA

83'-4 1/4" over knuckles		15'-10"	
1. Cylinders, dia. x stroke	27" x 32"	29. Heating surface, tubes & flues	sq.ft. 3174
2. Valve gear	Walschaert	30. " " firebox & arch tubes	" " 262
3. Valves, size & kind	14" Piston	31. " " total	" " 3436
4. " maximum travel	7"	32. " " superheater	" " 945
5. " steam lap	1-1/8"	33. " " equivalent total	" " 4853
6. " exhaust clearance	Line	34. Grates, length x width	112" x 96 1/2"
7. " lead in full gear	3/16"	35. " area	sq.ft. 74.9
8. " out off in full gear	88.3%	36. Brick arch, type	Security 4-tube
9. Rated tractive power	71,500 lbs.	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd.	3 1/2" 7-B.W.G.-119"
10. Ratio of Adhesion (Wt. on Drivers ÷ Trao. Power)	4.02	38. Stoker	Standard
11. Sharpest curve	22 Deg.	AIR BRAKE	
WEIGHT	Light	39. Schedule	W.A.B. 6-ET, WN4, 1612, Type 47-B
12. Leading truck	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	142,800	Commonwealth cast steel	
21. " back	142,800	46. Frame	Parlow-Miner A-18-S
22. " total	114,600	47. Draft gear	W.A.B. 6-ET, 1812, Type "Q"
23. Total engine & tender	369,100	48. Brake schedule	87% 100,300 lbs.
BOILER		49. Brake power	Commonwealth 6-wheel
24. Working pressure, maximum	220 lbs.	50. Truck, type	A.R.A. 6" x 11"
25. Firebox, length x width	112" x 96 1/2"	51. Axles	Steel 33"
26. Tubes, No., O.D., & Gauge	233-2 1/4", 11-B.W.G.	52. Wheels	11' 1"
27. Flues, No., O.D., & Gauge	50-5 1/2", 9-B.W.G.	53. Maximum width over cylinders	11' 0"
28. Tubes & Flues, length (in to in of tube sheets)	182"	54. " " running boards, at oab	