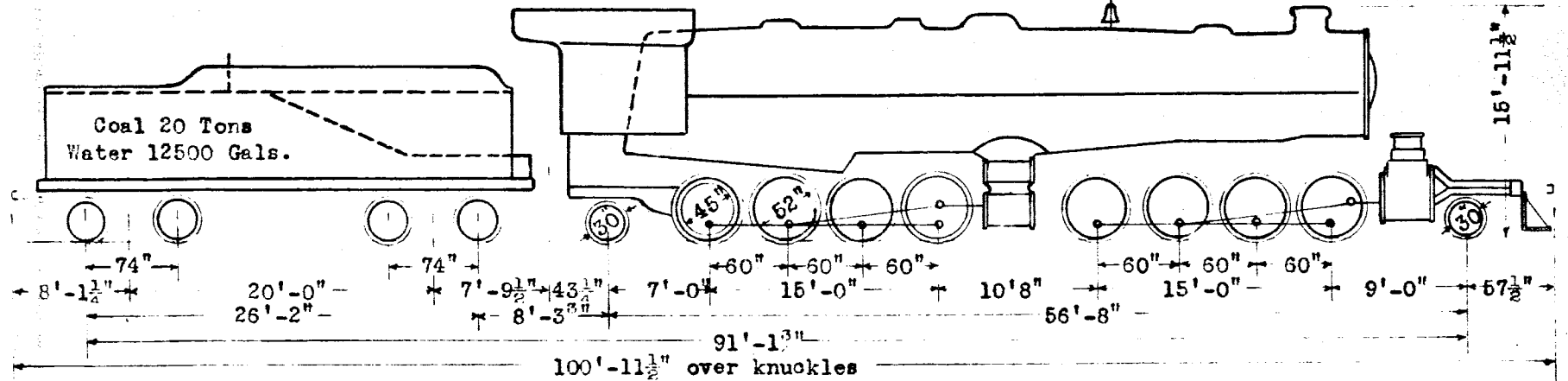


Engines No. 911-916  
Class L1-a

## GENL. DATA

1. Cylinders, dia. x stroke	26" & 40" x 30"	28. Tubes & Flues, length (in to in of tube sheets)	286-7/8"
2. Valve Gear	Walschaert	29. Heating surface, tubes & flues	sq.ft. 5232
3. Valves, size & kind	HP 14" Piston, LP Double Ported Slide	30. " " firebox & arch tubes	" " 404
4. " maximum travel	6 1/2"	31. " " total	" " 5636
5. " steam lap	15/16"	32. " " superheater	" " 1380
6. " exhaust clearance	1/4" clear	33. " " Equivalent total	" " 7706
7. " lead in full gear	3/16"	34. Grates, length x width	150" x 96 1/2"
8. " cut-off in full gear	89.6%	35. " area	sq.ft. 100
9. Rated tractive power	Compound 105,600 lbs.	36. Brick arch, type	Security 4-tube
	Simple 126,700 "	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd.	3 1/2" 7-B.W.G. 158 1/2"
10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power)	4.31	38. Stoker, type	Standard
11. Sharpest curve	22 Deg.	AIR BRAKE	
WEIGHT	Light H.P. Wk. Order L.P. Wk. Order	39. Schedule	W.A.B. 6-ET, BC, WZ3, 1410, Type 21-B
12. Leading truck	23,600	40. Brake Power	50% 222,500 lbs.
13. Driver, first	57,400	41. Pumps	2-8 1/2" C.C.
14. " second	55,600	AXLES	
15. " third	57,700	42. Leading truck	Journal Dia. x Lgth. 6" x 12"
15. " fourth	56,900	43. Driving, main	" " " 11" x 12"
17. " total	455,900	44. Driving, other than main	" " " 9" x 12"
18. Trailing truck	23,900	45. Trailing truck	" " " 6" x 12"
19. Total engine	449,000	TENDER	
20. Tender, front truck	45,600	46. Frame	Structural
21. " back	39,100	47. Draft gear	Minor A-79-X
22. " total	84,700	48. Brake schedule	W.A.B. 6-ET, 1412, Type "L"
23. Total eng. & tender	533,700	49. Brake power	74% 60,700 lbs.
BOILER		50. Truck, type	Economy
24. Working pressure, maximum	220 lbs.	51. Axles	A.R.A. 6" x 11"
25. Firebox, length x width	150" x 96 1/2"	52. Wheels	Steel 33"
26. Tubes, No., O.D., & Gauge	262-2 1/4"-11-B.W.G.	53. Maximum width over cylinders	11' 4"
27. Flues, No., O.D., & Gauge	45-5 1/2"-9-B.W.G.	54. " " " running boards, at cab	11' 4"