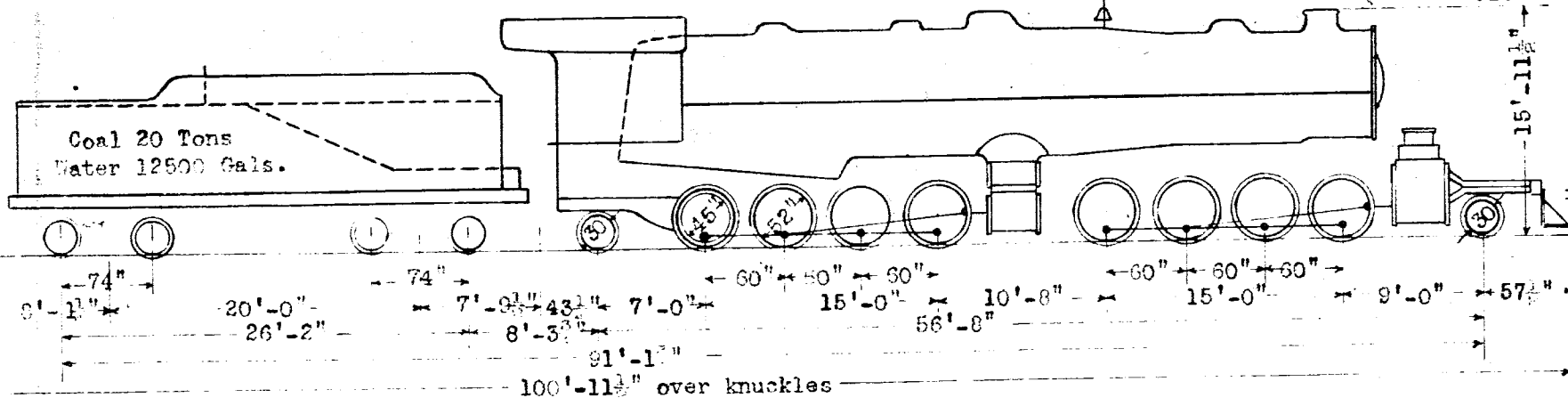


Engines No. 905-907
Class L1 910



GENL. DATA

1. Cylinders, dia. x stroke	26" & 40" x 30"	28. Tubes & Flues, length (in to in of tube sheet)	286-7/8"
2. Valve gear	Walchaert	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" 5 1/2"	31. " " total	" " 5336
5. " steam lap	15/16" 1"	32. " " superheater	" " 1330
6. " exhaust clearance	1/4" Clear 3/8" Clear	33. " " equivalent total	" " 7706
7. " lead in full gear	3/16" 3/16"	34. Grates, length x width	150" x 96 1/2"
8. " cut-off in full gear	89.6% 81%	35. " area	sq.ft. 100
9. Rated tractive power	Compound 105,600 lbs. Simple 126,700 "	36. Brick arch, type	Security 4-tube
10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power)	4.28	37. Arch tubes O.L. Ga. Fin. Lgth. over Bd.	3 1/2"-7-B.W.G.-158 1/2"
11. Sharpest curve	22 Deg.	38. Stoker, type	Standard
WEIGHT		AIR BRAKE	
12. Leading truck	Light H.P. Wk. Order 24,000	39. Schedule	W.A.B. 6-ET, BC, WZ3, 1410, Type 21-E
13. Driver, first	54,700	40. Brake power	50% 222,600 lbs.
14. " second	55,000	41. Pumps	2 - 8 1/2" C.C.
15. " third	54,800	AXLES	
16. " fourth	56,100	42. Leading truck	Journal Dia. x Lgth. 6" x 12"
17. " total	451,600	43. Driving, main	" " " 11" x 12"
18. Trailing truck	30,700	44. Driving, other than main	" " " 9" x 12"
19. Total engine	454,500	45. Trailing truck	" " " 6" x 12"
20. Tender, front truck	45,600	TENDER	
21. " back "	39,100	46. Frame	Structural
22. " total	84,700	47. Draft gear	Miner A-79-X
23. Total Eng. & Tender	539,200	48. Brake schedule	W.A.B. 6-ET, 1412, Type "L"
BOILER		49. Brake power	74% 60,700 lbs.
24. Working pressure, maximum	220 lbs.	50. Truck, type	Economy
25. Firebox, length x width	150" x 96 1/2"	51. Axles	A.R.A. 6" x 11"
26. Tubes, No., O.D., & Gauge	262-2 1/2"-11-B.W.G.	52. Wheels	Steel 33"
27. Flues, No., O.D., & Gauge	45-5 1/2"-9-B.W.G.	53. Maximum width over cylinders	11' 4"
		54. " " " running boards, at cab	11' 4"