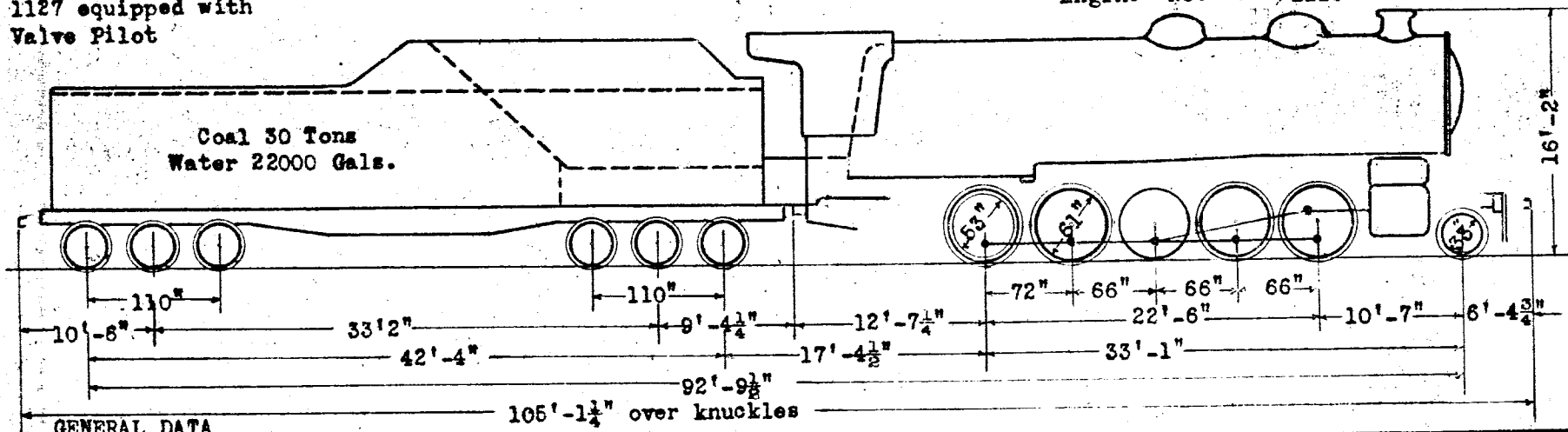


1127 equipped with
Valve Pilot

Engines No.

1113

Class 12



GENERAL DATA

1. Cylinders, dia. x stroke	30" x 32"	28. Tubes & Flues, length (in to in of tube sheets)	204"	
2. Valve gear	Walschaert	29. Heating surface, tubes & flues	sq.ft. 4071	
3. Valves, size & kind	14" Piston	30. " " firebox and arch tubes	" " 408	
4. " maximum travel	7"	31. " " total	" " 4479	
5. " steam lap	1-1/8"	32. " " superheater	" " 1248	
6. " exhaust clearance	Line	33. " " equivalent total	" " 6361	
7. " lead in full gear	3/16"	34. Grates, length x width	132" x 114"	
8. " out-off in full gear	88%	35. " area	sq.ft. 104.5	
9. Rated tractive power	96,300 lbs.	36. Brick arch, type	Security	
10. Ratio of adhesion (Wt. on drivers ÷ Trac. Power)	4.02	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd. 3 1/2" - 7-B.W.G. 18 1/2"		
11. Sharpest curve	16 Deg.	38. Stoker, type	Standard "B"	
WEIGHT		AIR BRAKE		
	Light	Wk. Order		
12. Leading truck	26,000	32,480	39. Schedule	W.A.B.6-ET, WU-6, 1410, Type 21-B
13. Driver, first	70,000	76,600	40. Brake Power	49% 188,000 Lbs.
14. " second	70,100	78,000	41. Pumps	2 - 8 1/2" CC
15. " third	70,200	77,200	AXLES	
16. " fourth	70,200	77,600	42. Leading truck	Journal Dia. x Lgth. 7" x 12"
16a. " fifth	70,100	77,400	43. Driving, main	" " 13 1/2" x 14"
17. " total	350,600	386,800	44. Driving, other than main	" " 11" x 14"
18. Trailing truck	None	None	45. Trailing truck	None
19. Total engine	376,600	419,280	TENDER	
20. Tender, front truck	89,200		46. Frame	Commonwealth, Cast Steel
21. " back	83,400		47. Draft gear	Miner A-79-X
22. " total	172,600	415,900	48. Brake schedule	W.A.B.6-ET, 1812, Type "Q"
23. Total engine & tender	549,200	835,180	49. Brake power	97% 168,000 lbs.
BOILER			50. Truck, type	Commonwealth
24. Working pressure, maximum	240 lbs.		51. Axles	7" x 14"
25. Firebox, length x width	132" x 114"		52. Wheels	Steel 36"
26. Tubes, No., O.D., & Gauge	252-2 1/2"-11-B.W.G.		53. Maximum width over cylinders	11' 2"
27. Flues, No., O.D., & Gauge	64-5 1/2"-9-B.W.G.		54. " cab at rivet heads	11' 0"