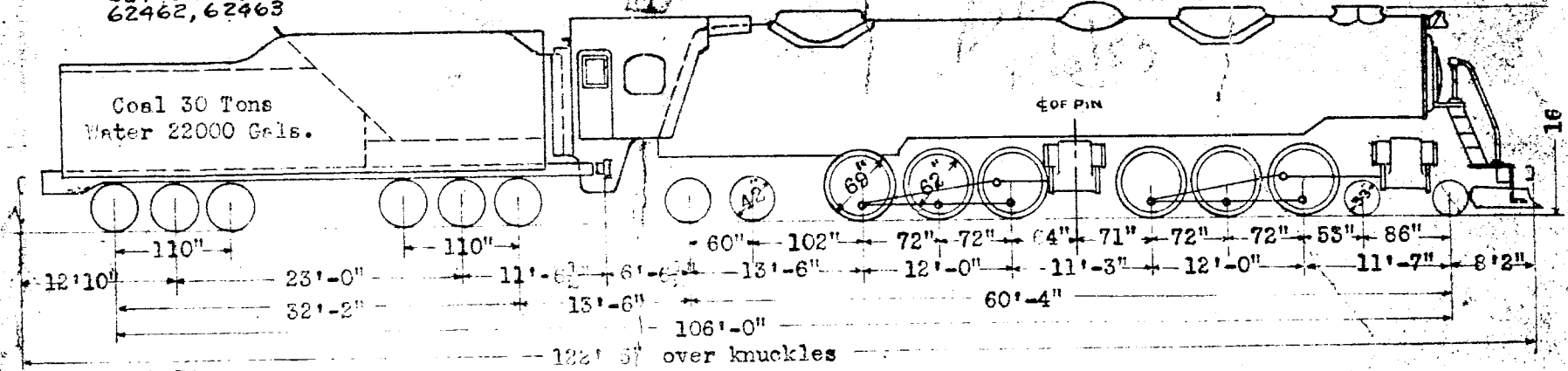


Engines No. 1201-1212
Class M2 1201-1208
1210, 1211



GENERAL DATA

1. Cylinders, dia. x stroke	22" x 32"	28. Heating surface, tubes & flues	4974 sq.ft.
2. Valve Gear	Walschaert	29. " " Firebox, Syphons, Comb. Chamber	796 " "
3. Valves, size and kind	12" dia. Piston	30. " " Total	5770 " "
4. " maximum travel	7 1/2"	31. " " Superheater	1735 " "
5. " steam lap	1-3/8"	32. " " Equivalent total	8572 " "
6. " exhaust clearance	1/8"	33. Grates - length x width	181" x 106"
7. " lead in full gear	5/16"	34. Grate area	118.8 sq. ft.
8. " out-off in full gear	83 1/2%	35. Brick Arch, type	Secur
9. Rated tractive power 85% M.L.P.	95,500 lbs.	36. Arch tubes	
10. Ratio of Adhesion (Wt. on drivers ; Trac. Power)	4.22	37. Stoker - type	7 x Eng. Standard
11. Sharpest Curve	16 deg.	38. Frames	G.S.C. Bad Fly
WEIGHT	Light Working Order	AIR BRAKE	
12. Leading truck	81,500 lbs.	39. Schedule	W.A.B. 8-ET X-405-80 -117-72
13. Driver, first	Front Unit 66,862 lbs. Back Unit 67,562 lbs.	40. Brake power, total	50% 202,500 lbs. 45% 62,850 lbs.
14. " second	67,002 " 67,506 "	41. Pumps	2 - 8-1/2" S.C.
15. " third	66,916 " 66,418 "	AXLES	
16. " total	402,266 lbs.	42. Leading truck	A.S.F. Roller Bearing Unit
17. Trailing Trucks	117,234 "	43. Driving, main	Journal Dia. x Lgth. 11" x 14"
18. Total Engine	535,300 lbs. 601,000 "	44. Driving, other than main	" " " 11" x 14"
19. Tender, front truck	91,250 " 199,700 "	45. Trailing truck	" " " 9" x 14"
20. " back	85,000 " 219,500 "	TENDER	
21. " total	176,250 " 418,950 "	46. Frame	G.S.C. Water Bottom
22. Total Eng. & Tender	711,550 " 1,019,950 "	47. Draft Gear	Miner A-22-XB
BOILER		48. Brake schedule	W.A.B. 8-ET 1610 Unit Clasp
23. Working pressure, maximum	250 lbs.	49. Brake Power	90% 157,000 lbs.
24. Firebox, length x width	212-1/8" x 106-1/4"	50. Trucks - type	G.S.C. Swing Motion, Center Bearing
Tubes, No., O.D. & Gauge	222 - 2-1/4" #11 BWG	51. Axles	Journal dia. & length 7" x 14"
Flues, No., O.D. & Gauge	60 - 5-1/2" # 8 BWG	52. Wheels	Rolled Steel 36"
Flues, length (in to in of tube sheet)	274-7/8"	53. Maximum width over cylinders	10' 9-5/8"
		54. " " " running boards	11' 8"

1201-1212 12/10/15
 11/10/15
 11/10/15
 11/10/15