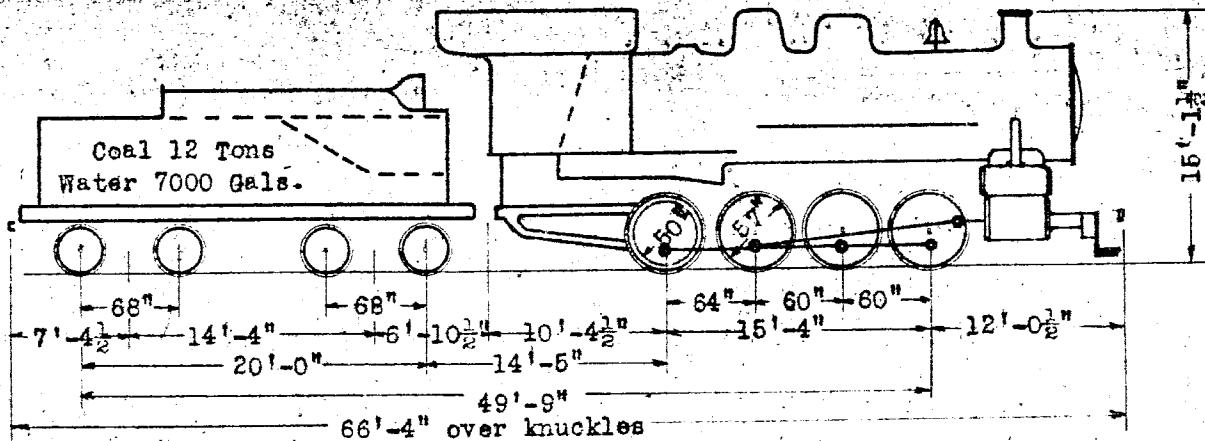


Engine No. 1051  
Class C1



GENL. DATA

|                                                      |                      |                                                |                                   |
|------------------------------------------------------|----------------------|------------------------------------------------|-----------------------------------|
| 1. Cylinders, dia. x stroke                          | 25" x 30"            | 29. Heating surface, tubes                     | sq. ft. 2859                      |
| 2. Valve gear                                        | Walschaert           | 30. " " firebox & arch tubes                   | " " 136                           |
| 3. Valves, size & kind                               | 14" Piston           | 31. " " total                                  | " " 3045                          |
| 4. " maximum travel                                  | 6 1/2"               | 32. " " superheater                            | " " None                          |
| 5. " steam lap                                       | 1"                   | 33. " " equivalent total                       | " " None                          |
| 6. " exhaust clearance                               | Line                 | 34. Grates, length x width                     | 108" x 70"                        |
| 7. " lead in full gear                               | 3/16"                | 35. " area                                     | sq. ft. 52.6                      |
| 8. " cut off in full gear                            | 88.8%                | 36. Brick arch, type                           | Security 2-tube                   |
| 9. Rated tractive power                              | 55,900 lbs.          | 37. Arch tubes O.D., Ga., Fin., Lgth. over Bd. | 3"-7-BWG104-7/8"                  |
| 10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power) | 3.77                 | 38. Stoker, type                               | None                              |
| 11. Sharpest curve                                   | 22 Deg.              | AIR BRAKE                                      |                                   |
| WEIGHT                                               | Light Wk. Order      | 39. Schedule                                   | W.A.B. 6-ET, WWS, 1412, Type 42-B |
| 12. Leading truck                                    | None                 | 40. Brake power                                | 59% 123,760 lbs.                  |
| 13. Driver, first                                    | 55,500               | 41. Pumps                                      | 2-9 1/2"                          |
| 14. " second                                         | 56,100               | AXLES                                          |                                   |
| 15. " third                                          | 51,100               | 42. Leading truck                              | Journal Dia. x Lgth. None         |
| 16. " fourth                                         | 48,000               | 43. Driving, main                              | " " " 10" x 12"                   |
| 17. " total                                          | 210,700              | 44. Driving, other than main                   | " " " 9" x 12"                    |
| 18. Trailing truck                                   | None                 | 45. Trailing truck                             | " " " None                        |
| 19. Total engine                                     | 192,500 210,700      | TENDER                                         |                                   |
| 20. Tender, front truck                              | 68,300               | 46. Frame                                      | Structural Steel                  |
| 21. " back                                           | 48,300               | 47. Draft gear                                 | Minor Tandem                      |
| 22. " total                                          | 54,300 136,600       | 48. Brake schedule                             | W.A.B. 6-ET, 1212, Type "L"       |
| 23. Total engine & tender                            | 246,800 347,300      | 49. Brake power                                | 85% 15,200 lbs.                   |
| BOILER                                               |                      | 50. Truck, type                                | Arch Bar                          |
| 24. Working pressure, maximum                        | 200 lbs.             | 51. Axles                                      | A.R.1. 5 1/2" x 10"               |
| 25. Firebox, length x width                          | 108" x 70"           | 52. Wheels                                     | Steel 35"                         |
| 26. Tubes, No., O.D. & Gauge                         | 329-2 1/2"-11-B.W.G. | 53. Maximum width over cylinders               | 10' 0 1/2"                        |
| 27. Flues, No., O.D. & Gauge                         | None B.W.G.          | 54. " " " running board, at each               | 10' 2"                            |
| 28. Tubes & Flues, length (in to in of tube sheets)  | 177"                 |                                                |                                   |