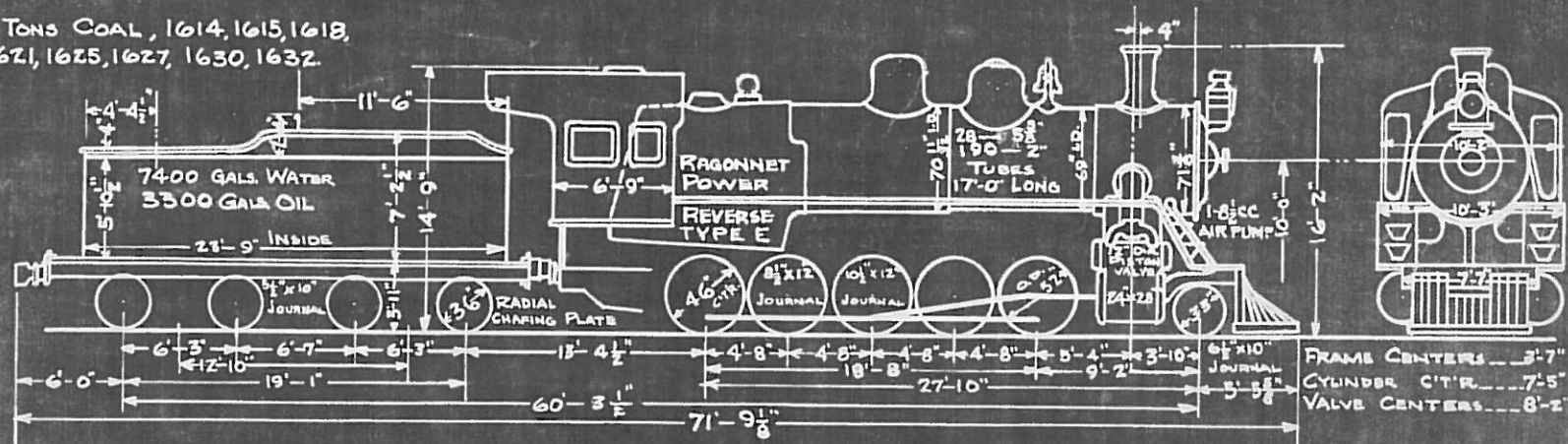


TONNAGE CLASS --- 47

FRISCO LINES
SL-SF. RY. CO.ENGINE NUMBERS
1613-163211-17-42
3-1-4712 TONS COAL, 1614, 1615, 1618,
1621, 1625, 1627, 1630, 1632.

BUILDER --- RICHMOND
 BUILDER'S No --- 1613-58827
 DATE BUILT --- DEC. 1917-MAY 1918
 VALVE GEAR --- WALSCHAERT
 SAFETY VALVES, No --- 3 SIZE --- 3"

WEIGHT ON TRUCK --- 25000 LBS.
 WEIGHT ON DRIVERS --- 185000 LBS.
 WEIGHT ON TRAILER --- LBS.
 WEIGHT OF ENGINE --- 210000 LBS.
 WEIGHT OF TENDER --- 152100 LBS.
 WEIGHT TOTAL --- 362100 LBS.
 SUPERHEATER -- TYPE "A" SINGLE LOOP -- SCHMIDT
 BOILER PRESSURE --- 180 LBS.
 TRACTIVE EFFORT --- 47500 LBS.
 FACTOR OF ADHESION --- 3.89

THERMIC SYPHONS --- 1-NICHOLSON
 GRATE AREA --- 64.6 SQ. FT.
 FIRE BOX TYPE --- RADIAL STAY
 FIRE BOX LENGTH --- 9'-0"
 FIRE BOX WIDTH --- 7'-2 1/4"
 FIRE BOX HEIGHT FRONT --- 6'-4 1/2" BACK --- 5'-7 1/4"
 HEATING SURFACE FIRE BOX --- 227.5 SQ. FT.
 HEATING SURFACE FLUES --- 2380.0 SQ. FT.
 HEATING SURFACE TOTAL --- 2607.5 SQ. FT.
 SUPERHEATED SURFACE --- 579.0 SQ. FT.
 COMBINED HEATING SURFACE TOTAL 3186.5 SQ. FT.

ENG NO'S
1613-1632.

FRISCO LINES SL-SF. RY. CO.

FOLLOWING ARE EXCEPTIONS TO DATA SHOWN ON OPPOSITE PAGE FOR ABOVE ENGINES:-

BUILDER-BROOKS, 1624, 1626.

BUILDER-SCHENECTADY, 1625

BUILDER-BALDWIN, 1627-1632

28-5" & 194-2" TUBES, 1613, 1616, 1620, 1623, 1630,

28-5" & 192-2" TUBES, 1615, 1622, 1625, 1627, 1629,

28-5" & 195-2" TUBES, 1619,

28-5" & 191-2" TUBES, 1614,

28-5" & 196-2" TUBES, 1631,

B-K STOKER, 1614, 1615, 1618, 1621, 1625, 1627, 1630, 1632,

REV

4-9-29

6-7-29

7-9-29

9-9-29

2-1-30

4-1-30

7-1-30

10-1-30

6-1-31

5-14-37 MHE.

12-3-38 LFJ

10-4-39

7-17-40

7-24-41

11-17-43

3-1-47

25" DIA. CYL. - 51500 LBS. TRACTIVE EFFORT - 3.59 FACTOR OF ADHESION 1615, 1625, 1628, 1629,