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**Circular No. 380-I**  
**Freight Equipment**

**January 1, 1929**

(Cancels Circular No. 380-H, January 1, 1928)

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**The Atchison, Topeka and Santa Fe Railway Co.**

**Gulf, Colorado and Santa Fe Railway Co.**

**Kansas City, Mexico and Orient Railway Co.**

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Issued by

**H. R. LAKE,**

Superintendent of Transportation,

**CHICAGO.**

Series in bold-face type are cars ordered but not yet received from the builders.

**THE ATCHISON, TOPEKA & SANTA FE RAILWAY CO.**

**A. T. & S. F. Furniture Cars.**

DESCRIPTION.	SERIES.	Outside Length.	INSIDE DIMENSIONS.			CAPACITY.	No. in Service.	DESCRIPTION.	SERIES.	Outside Length.	INSIDE DIMENSIONS.			CAPACITY.	No. in Service.	
			Length	Width	Height						Length	Width	Height			
Wood U. F...	7764	40.10 $\frac{1}{2}$	40.3	8.8	9.3	80000	1	Wood U. F...	7982, 8000	40.9 $\frac{5}{8}$	40	9	10	60000	2	
								Total...								3

**A. T. & S. F. Automobile Cars.**

Steel U. F.-A.	8101 to 8400	40.11 $\frac{1}{2}$	40	9	10	70000	249	Steel U. F...	62751 to 63750	40.9	40.6	9	10	80000	994	
Steel U. F.-B.	8401 to 9399	50.8 $\frac{5}{8}$	50	9	10	80000	944	Steel U. F.-E	64201 to 64700	51.2 $\frac{1}{4}$	50	9	10	80000	480	
Steel U. F.-C.	9401 to 9900	40.8 $\frac{3}{4}$	40	9	10	80000	483	Steel U. F...	64701 to 65200	50.1 $\frac{3}{4}$	50	9	10	80000	499	
Steel U. F.-D.	61501 to 62750	41.2 $\frac{1}{4}$	40	9	10	80000	1218	Steel U. F...	65201 to 65700	50.1 $\frac{3}{4}$	50	9	10	100000	498	
								Steel U. F...	65701 to 66200	50.11 $\frac{1}{2}$	50.6	9.2	10	100000	500	
								Total...								5865

A—116 cars have no end doors.  
B—4 cars have no end doors.

C—128 cars have no end doors.  
D—5 cars have no end doors.

E—2 cars have no end doors.

**Dimensions of Automobile and Furniture Cars.**

NUMBERS.	DIMENSIONS.															CAPACITY.														
	Inside			Outside.										Doors.		Cubic Feet Level Full.	Pounds or Gallons.	Number of Cars.												
	Length.	Width.	Height.	LENGTH.		WIDTH.		HEIGHT FROM RAIL.						SIDE.	END.															
				ft.	in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.						ft.	in.	ft.	in.								
At Eaves or Top of Sides or Platform.																							Extreme Width.	To Extreme Width.	To eaves or Top of Sides or Platform.	To Top of Running Board.	To Extreme Height.	Width of Opening.	Height of Opening.	Width of Opening.
Furniture.....	7764	40	3	8	8	9	3	40	10 $\frac{3}{4}$	10	.....	.....	13	3	13	11 $\frac{1}{2}$	14	5	6	2	8	9	.....	.....	3227	80000 lb.	1			
Vehicle.....	7982, 8000	40	..	9	..	10	..	40	9 $\frac{3}{4}$	9	8	.....	.....	13	10 $\frac{3}{4}$	14	8 $\frac{1}{2}$	15	5	6	2	9	6	.....	.....	3600	60000 lb.	2		
Total Furniture... Auto- (Stagger'd Doors) mobile (Steel Underfr.)	8101 to 8400	40	..	9	..	10	..	40	11 $\frac{1}{2}$	9	8	.....	.....	14	0 $\frac{1}{2}$	14	10 $\frac{3}{4}$	15	7	8	..	9	5	7	..	9	3	3600	70000 lb.	94
" " "	8401 to 9399	50	..	9	..	10	..	50	8 $\frac{3}{4}$	10	.....	.....	.....	14	1 $\frac{1}{4}$	14	10 $\frac{3}{4}$	15	7	10	1	9	6	7	..	9	3	4500	80000 lb.	940
" " "	9401 to 9900	40	..	9	..	10	..	40	8 $\frac{3}{4}$	10	.....	.....	.....	14	1 $\frac{1}{4}$	14	10 $\frac{3}{4}$	15	7	10	1	9	6	7	..	9	3	3600	80000 lb.	296
" " "	61501 to 62750	40	..	9	..	10	..	41	2 $\frac{1}{4}$	10	.....	.....	.....	14	1 $\frac{1}{4}$	14	10 $\frac{3}{4}$	15	7	10	1	9	6	8	4	9	3	3600	80000 lb.	1213
" " "	62751 to 63750	40	6	9	..	10	..	40	9	9	10	.....	.....	13	10	14	10	15	4 $\frac{1}{2}$	10	..	9	4	.....	.....	3645	80000 lb.	994		
" " "	64201 to 64700	50	..	9	..	10	..	51	2 $\frac{1}{4}$	10	.....	.....	.....	14	1 $\frac{1}{4}$	14	10 $\frac{3}{4}$	15	7	10	1	9	6	8	4	9	3	4500	80000 lb.	478
" " "	64701 to 65200	50	..	9	..	10	..	50	1 $\frac{3}{4}$	9	10	.....	.....	13	10	14	10 $\frac{3}{4}$	15	4 $\frac{1}{2}$	10	..	9	4	.....	.....	4500	80000 lb.	499		
" " "	65201 to 65700	50	..	9	..	10	1	50	1 $\frac{3}{4}$	9	11 $\frac{1}{4}$	.....	.....	13	9	14	8	15	4 $\frac{1}{2}$	10	..	9	4	.....	.....	4553	100000 lb.	498		
" " "	65701 to 66200	50	6	9	2	10	..	50	11 $\frac{1}{2}$	10	1 $\frac{3}{4}$	.....	.....	13	9	14	8	15	5	12	0	9	6 $\frac{1}{2}$	.....	.....	4630	100000 lb.	500		
Total Automobile.....																			5865											

**A. T. & S. F. Ice Cars.**

DESCRIPTION.	SERIES.	Outside Length.	INSIDE DIMENSIONS.			CAPACITY.	No. in Service.	DESCRIPTION.	SERIES.	Outside Length.	INSIDE DIMENSIONS.			CAPACITY.	No. in Service.
			Length	Width	Height						Length	Width	Height		
Channel D.S.	115000 to 115099	40	39.2	8.2 $\frac{1}{4}$	7.3	60000	99	Wood U. F..	115503 to 115699	40	38.11	8.2 $\frac{3}{4}$	7.3	60000	91
Channel D.S.	115163	40	39.2	8.2 $\frac{3}{4}$	7.3	60000	1	Wood U. F..	115700 to 115735	40	38.11	8.2 $\frac{3}{4}$	7.3	60000	19
Wood U. F. LL	115216 to 115323	34	33.0	8.1 $\frac{3}{8}$	7.5 $\frac{3}{8}$	50000	13	Wood U. F..	115736 to 115967	40	38.11	8.2 $\frac{3}{4}$	7.3	60000	195
.....MM	115344 to 115474	36	35.3	8.1	7.0 $\frac{1}{2}$	50000	21	Total Ice Cars.....							439

LL—Cars 115216 to 115323, Channel Draft Sills.  
MM—Cars 115344 to 115474, Channel Draft Sills.

1/1/29

A. T. & S. F. Box Cars.

DESCRIPTION.	SERIES.	Outside Length.	INSIDE DIMENSIONS.			CAPACITY.	No. in Service.	DESCRIPTION.	SERIES.	Outside Length.	INSIDE DIMENSIONS.			CAPACITY.	No. in Service.
			Length.	Width.	Height.						Length.	Width.	Height.		
Channel D.S.	16257 to 16450	34	33.5 1/4	8.3	6.10	50000	29	Channel D.S.	35601 to 36501	37	36	8.6	8	80000	869
" " C.	16456 to 17638	34	33.6	8.3	6.10	50000	176	" " "	36504 to 36915	36.9 1/2	36	8.6	8	60000	49
" " "	17645 to 17869	34	33.6	8.3	6.10 1/2	50000	36	" " "	36942 to 36944	36.9 1/2	36	8.6	7.11	80000	10
" " E.	17896 to 18149	34	33.4 1/2	8.3	6.8 1/2	50000	34	Steel U.F.	37001 to 39700	41.5	40.6	8.6	9	80000	2666
" " F.	18157 to 18549	34	33.5 1/2	8.3	6.8	50000	55	Wood U.F.	40002 to 40200	34.9	34	8	6.9	60000	26
" " "	18564 to 18946	34	33.6	8.3	6.10	50000	53	" " "	40201 to 40448	40	39.4 1/4	8.2 1/4	6.11 1/4	80000	24
" " H.	18955 to 19691	34	33.6	8.3	6.10	50000	153	Channel D.S.	41451 to 49700	37.0 1/4	36	8.6	8	80000	7904
" " I.	19694 to 20176	34	33.6	8.3	6.8	50000	77	" " "	49701 to 49999	37	36	8.6	8	80000	285
Wood U.F.	20193 to 20490	33.7	33	8	6.6	50000	16	Steel U.F.	116000 to 118999	40.9	40.6	8.6	8.6	80000	2987
Channel D.S.K	20492 to 20749	34	33	8.3	6.8 1/4	50000	50	" " "	119000 to 119999	40.9	40.6	8.6	8.6	80000	999
" " L.	20765 to 20784	34	33.4 1/2	8.3	6.8 1/4	50000	5	" " "	120000 to 120999	40.9	40.6	8.6	8.6	80000	999
" " M.	20795 to 21290	34	33.6	8.3	6.10	50000	94	" " "	121000 to 121999	40.9	40.6	8.6	8.6	80000	999
" " N.	21293 to 21890	34	33.4 1/2	8.2 1/2	6.11	60000	240	" " "	122999 to 123999	40.11 1/2	40.6	8.7 1/4	8.7	100000	1999
Wood U.F.	21891 to 21965	34.6	34	8.6	7.1	60000	7	" " "	124000 to 125999	40.11 1/2	40.6	9.2	9.6 3/4	100000	2000
" " "	21986	34.7 1/4	34	8.6	8	60000	1	" " "	130000 to 136999	36.11 1/2	36	8.6	8.0	80000	371
Channel D.S.	22388	34	33.6	8.3	6.10	50000	1	" " "	137000 to 150000	41.2	40.6	8.7 1/4	8.7 1/2	80000	1
Wood U.F.	22536 to 24984	36.7 1/4	36	8.6	8	60000	179	C. & O. W.	2001-2005	34.9	34.1 1/4	8.2 1/4	7.8 1/4	60000	2
" " "	25001 to 26029	36.9 1/2	36	8.6	8	60000	526	Stl. Un'r'r'f'me	3001-3017	41.1	40.6	8.6	8.6	80000	10
Steel U.F.	26030 to 29529	36.11 1/2	36	8.6	8	70000	3175	Steel Ends							
Channel D.S.N	29530 to 29928	34	33.4	8.1 1/2	6.9	50000	48	C. & O. W.							
" " "	30002 to 31590	37.3 1/4	36.6	8.4	7.2	80000	894	Total							31174
Wood U.F.	31592 to 31606	34	33.6	8.2 1/2	7.4	60000	6								
Steel U.F.	32001	41.5	40.6	8.6	9	80000	1								
Channel D.S.	32002	36.11 1/2	36	8.6	8	70000	1								
Wood U.F.	32003 to 32098	40.7 1/4	40	8.6	8	80000	5								
Steel U.F.	32101 to 35600	36.11 1/2	36	8.6	8	70000	3112								

C—2 cars 60,000 capacity.  
E—9 cars are 60,000 capacity.  
F—2 cars are 60,000 capacity.

H—37 cars are 60,000 capacity.  
I—19 cars are 60,000 capacity.  
K—10 cars are 60,000 capacity.

L—2 cars are 60,000 capacity.  
M—29 cars are 60,000 capacity.  
N—8 cars are 60,000 capacity.

A. T. & S. F. Stock Cars (Single Deck and Coke).

Stock&Coke**	50000 to 50499	40.11 1/2	40	8.8	7.9	80000	500	Stock&Coke**	55502 to 58001	40.11 1/2	40	8.8	8	80000	2399
Steel U.F.	50500 to 50999	41.1 1/4	40	8.8	8.1	80000	500	Stock&Coke**	58002 to 60001	40.11 1/2	40	8.8	7.9	80000	1964
Steel U.F.	51040 to 51999	40.11 1/2	40	8.8	8	70000	582	Steel U.F.	60002 to 60601	41.1	40.0	8.8	8.1 1/2	80000	600
Wood U.F.	52198 to 52601	36.8	36	8.8	7	60000	46	C. & O.W.	5000 to 5009	37.6	36.6	8.1	7.4	60000	10
" " "	53001 to 54500	36.8	36	8.8	7	60000	504	Total						7372	
Stock&Coke**	54502 to 55501	40.11 1/2	40	8.8	8	70000	367								

\*\*—Equipped with Caswell Dump. These are steel underframes.

Series 54502 to 55501, used in Beet service, have eight roof doors, 5 feet and 7 3/4 inches long and 2 feet 4 inches wide, located between purlin and eaves.

Series 50000 to 50499, 55502 to 60001, used in Beet service, have eight roof doors, 7 feet 3/4 inches long and 2 feet 5 inches wide, located between running board and purlin.

A. T. & S. F. Stock Cars (Double Deck).

Steel U.F.	67600 to 68099	41	40	8.8	7.4	80000	500	Wood U.F.	68850	36	35.10	8.6	6.2 1/2	60000	1
" " "	68100 to 68599	40.11 1/2	40	8.8	6.10	80000	494	Steel U.F.	68851 to 69100	41.1	40.0	8.8	7.8	80000	260
" " "	68600 to 68849	41.1 1/4	40	8.8	7.4	80000	250	Total						1495	

A. T. & S. F. Flat Cars.

Steel U.F.	90001 to 90200	50	50	8.10	3.8	100000	200	Wood U.F.	94013 to 94250	40	40	8.6	3.11 1/2	80000	26
" " "	90201 to 90500	50	50	8.10	3.8	100000	300	" " "	94452 to 94527	40	40	8.6	3.11 1/2	80000	14
Steel U.F.	90501 to 90700	50.0	50	10.0	3.9	100000	200	Steel U.F.	94601 to 95000	40.4	40.4	8.8	3.9 1/4	80000	366
" " "	92029 to 92177	40.4	40.4	8.8	3.9 1/4	80000	130	" " "	96901 to 97000	44.6	44.6	8.8	3.10 1/4	80000	92
" " "	92500 to 92524	50	50	8.8	3.11	80000	24	" " "	97001 to 97500	44.6	44.6	8.8	4.2 1/2	80000	499
Steel Draft Sills	92663 to 93106	36	36	8.2 1/4	4.2 1/2	60000	5	" " "	97600 to 97999	44.6	44.6	8.8	3.10 1/4	80000	388
Steel U.F.	93151 to 93250	44.6	44.6	8.10 1/4	3.10 1/4	80000	96	Total						2808	
" " "	93256 to 93750	40.4	40.4	8.8	3.9 1/4	80000	468								

1/1/29

**A. T. & S. F. Coal Cars.**

DESCRIPTION.	SERIES.	Outside Length.	INSIDE DIMENSIONS.			CAPACITY.	No. in Service.	DESCRIPTION.	SERIES.	Outside Length.	INSIDE DIMENSIONS.			CAPACITY.	No. in Service.
			Length.	Width.	Height.						Length.	Width.	Height.		
Steel U. F...i	70000 to 70499	43.2	40	9.4	4.7	100000	498	Steel U. F...h	170000 to 170299	48	46.0	9.0	3.6	100000	300
Wood U. F...a	71315 to 71544	36	34.3	9.4	3.6 3/4	80000	9	Steel U. F...h	170300 to 170599	50.6	48.6	9.0	3.10	100000	300
Chan. D. S...a	72468 to 72494	34	31.3	8.3	3.6	60000	5	" "	170600 to 170849	52.6	50.6	9.1 1/2	5.9	140000	250
Wood U. F...a	72499 to 72527	34	31.10	8.3	3.7	60000	8	Steel U. F...o	171000 to 171999	43.1 3/8	40.0	9.4	4.7	100000	998
Chan. D. S...a	72535 to 72765	34	31.3	8.3	3.7	50000	22	" "	172000 to 172499	43.2	40.0	9.4	4.7	100000	500
Wood UF.BBa	73187	30	26.4	8.1	4.2	40000	1	" "	172500 to 172999	43.1 3/8	40.0	9.4	4.7	100000	499
Chan.DS.CCa	74494 to 78656	34	31.4	8.3	3.6	50000	427	" "	173000 to 173499	43.1 3/8	40.0	9.4	4.7	100000	500
" DDa	78709 to 79071	34	31.6	8.3	3.6	50000	46	" "	173500 to 174349	43.1 3/8	40.0	9.4	4.7	100000	850
" "	79080 to 79188	34	31.9	8.3	4.0	60000	43	" "	174350 to 174649	43.1 3/8	40.0	9.4	4.7	100000	300
Steel U. F...j	79301 to 79950	41.5	40	9.3 1/2	4.7 3/4	100000	634	" "	174650 to 175149	43.1 3/8	40.0	9.4	5.5	100000	500
Wood " .b	80070 to 80219	40	37.9 1/4	8.0 1/2	4.4 1/2	80000	17	" "	175150 to 175674	42.7	40.7	9.1 1/2	5.9	100000	425
Steel U. F...b	80253 to 80500	40.4	37.10	8.2	4.4 1/2	80000	236	" "	180000 to 180149	42.8	40.0	9	5.2 1/2	140000	150
Chan. D. S...q	80501 to 80802	36	35.6	9.3	3.8	80000	182	" "	180150 to 180299	40.6 1/2	40.1	9.0	4.4	140000	150
Steel U. F...k	80803 to 82402	42.6	40	9.4	4.7	100000	1558	" "	181000 to 181074	41.3 3/8	41.3	10.1	9.9 3/8	140000	75
Steel U. F...l	82403 to 83302	43.2	40	9.4	4.7	100000	728	" "	181075 to 181149	38.0 3/8	38.0	10.0 1/2	.....	140000	75
Steel U. F...m	83303 to 84602	43.2	40	9.4	4.7	100000	1290	" "							
Wood " .zd	84687 to 84909	31	28.10 1/2	8.3 1/2	6.10	80000	5	Total							12293
Chan. D. S...c	85004 to 85202	34	31.4	8.3	3.6	60000	14								
Steel U. F...zl	85211 to 85372	43.2	40.0	9.4	9.1 1/2	100000	161								
Steel U. F...n	85551 to 85700	43.2	40.0	9.4	4.7	100000	149								
Steel U. F...zf	85701 to 85750	43.2	40.0	9.4	4.7	100000	50								
Steel U. F...zg	85751 to 85850	35	23.9 1/2	9.6	5.2 3/4	100000	100								
Steel U. F...zg	85851 to 85900	35	24.5 1/4	9.6	5.8 3/4	100000	48								
Steel U. F...e	85901 to 85925	31.10	22.9 1/2	9.2	6.0 1/2	100000	25								
Chan.D.S.EEe	86119 to 86635	34	31.5	8.3	3.6	50000	75								
" " .e	86636 to 86957	34	31.4	8.3	2.8	50000	47								
Wood U. F...e	86962 to 86983	34	31.10	8.0	2.6	50000	9								
" " .p	88601 to 88900	36	34.6	9.7	4.2	80000	34								

**A. T. & S. F. Ballast Cars.**

Steel U. F...v	87129 to 87550	41.6	40.0	9.1	3.9 3/4	100000	412	Steel U. F...za	88901 to 89400	41.6	41.4	8.8	8.2	100000	482
Steel U. F...s	87551 to 87650	40.4	37.10	8.8 3/8	3.0	80000	82	Steel U. F...zb	89401 to 89800	41.6	37.8	9.4	8.0	100000	385
Steel U. F...z	87651 to 88000	41.6	41.4	8.8	8.2	100000	340	Steel U. F...zc	89806 to 89878	37.11	36.6	9.7	4.0 3/8	80000	5
Steel U. F...v	88001 to 88050	32.0	30.6	9.5 1/2	8.8	100000	50	Steel U. F...w	89880 to 90000	41.6	40.0	9.1	3.9 3/4	100000	114
Steel U. F...v	88051 to 88150	32.0	30.6	9.5 1/2	8.8	100000	100	Steel U. F...x	98391 to 98490	41.6	40.0	9.1	5.5 3/4	100000	98
Steel U. F...ya	88501 to 88550	34.5	33.0	10.2 1/2	9.1	100000	50	Steel U. F...y	98623 to 98979	41.6	40.0	9.1	5.5 3/4	100000	348
								Total							2466

BB—3 cars are 50,000 capacity.  
CC—2 cars 46,000 capacity.

DD—2 cars 60,000 capacity.  
EE—1 car 60,000 capacity; 86317.

**LIST OF GONDOLA CARS, SUITABLE FOR SHOVELING OR DUMPING.**

Symbol.	Series.	DESCRIPTION.	
a	71315 to 79188..	Flat bottom shoveling.	
b	80070 to 80500..		
c	85004 to 85202..		
e	86119 to 86983..		
h	170000 to 170299.. 170300 to 170599.. 170600 to 170489..	Mill type, flat bottom shoveling, drop ends.	
i	70000 to 70499..	Flat drop bottom, Caswell dump. (Side dump.)	
j	79301 to 79950..		
k	80803 to 82402..		
l	82403 to 83302..		
m	83303 to 84602..		
n	85551 to 85700..		
o	171000 to 174349..		
o	174350 to 174649..		
r	174650 to 175149..		
r	175150 to 175674..		
p	88601 to 88900.. 180000 to 180149..	Flat bottom shoveling.	
q	180150 to 180299.. 80501 to 80802..	Rodger ballast, convertible flat bottom or center dump, convertible drop end.	
s	87551 to 87650..		
v	87129 to 87550..		
v	88001 to 88050..		
v	88051 to 88150..		
w	89880 to 90000..		
x	98391 to 98490..		
y	98623 to 98979..		
ya	88501 to 88550..		Enterprise Ballast, convertible flat bottom or center dump, convertible drop end.

1/1/29

**LIST OF GONDOLA CARS, SUITABLE FOR SHOVELING OR DUMPING—Concluded.**

Symbol.	Series.	DESCRIPTION
z	87651 to 88000..	Rodger ballast, center dump, dumping only.
za	88901 to 89400..	
zb	89401 to 89800..	
zc	89806 to 89878..	
zd	84638 to 84913..	Drop bottom, straight sides, equipped with racks, National dump, being changed to flat bottom, shoveling
	181000 to 181074..	Hopper bottom, center dump.
	181075 to 181149..	
zf	85701 to 85750..	Side dump ore cars, raised center, self cleaning.
zg	85751 to 85900..	
	85901 to 85925..	
zl	85211 to 85372..	Side dump ore cars.
		Coke racks.

NOTE.—Cars of 30 and 34 feet lengths have drop ends.

**A. T. & S. F. Tie Cars.**

DESCRIPTION.	SERIES	Outside Length.	INSIDE DIMENSIONS.			CAPAC-ITY.	No. in Ser-vice.	DESCRIPTION.	SERIES.	Outside Length.	INSIDE DIMENSIONS.			CAPAC-ITY.	No. in Ser-vice.
			Length.	Width.	Height.						Length.	Width.	Height.		
Steel U. F....	110000 to 110399	42.6½	40	8.6	10.2½	80000	398								

**A. T. & S. F. Tank Cars.**

Capacity shown represent series only. United States and Canadian Railroads' Circular No. 6-T, amendments thereto or superseding issues thereof (E. B. Boyd's I. C. C. No. A-1760), should be consulted for capacities of individual cars.

DESCRIPTION.	SERIES	Outside Length.	INSIDE DIMENSIONS.	CAPAC-ITY.	No. in Ser-vice.	DESCRIPTION.	SERIES.	Outside Length.	INSIDE DIMENSIONS.	CAPAC-ITY.	No. in Ser-vice.				
												Length.	Width.	Height.	Length.
Steel U. F....	95007	36			1										
Steel U. F....	95009 to 96052	34.7½	32	7.2	.....	9429	939	Steel U. F....	99900 to 100299	38.2½	35.11½	7.2	7.2	10577	397
" " " " " "	96053 to 96900	38.2	36	7.2	.....	10435	833	" " " " " "	100300 to 100799	40.2	37.11	7.5½	7.5½	12000	500
" " " " " "	99098 to 99499	38.2	36	7.2	.....	10435	392								
" " " " " "	99700 to 99899	38.2½	35.11½	7.2	7.2	10610	198								
								Total....							3260

**A. T. & S. F. Concentrate Cars.**

Steel U. F....	112000 to 112199	35	32.11½	9.0	6.6	100000	198							
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**A. T. & S. F. Caboose Cars.**

**A. T. & S. F. Drovers' Cars.**

Wood U. F. a	6 to 383														
" " " " b	400 to 407														
" " " " c	425 to 889						449								
" " " " d	914 to 952														
Channel D. S.	1000 to 1081														
Wood U. F. e	1082 to 1171														
Coach & Way	2301 to 2496														
Channel D. S.	1300 to 1449														
All Steel.....	1500 to 1645														
All Steel.....	1650 to 1749														
All Steel.....	1750 to 1874														
Total.....							1092								

a—Car 188 has Channel Draft sills.  
 b—Cars 619 to 889 have Channel Draft sills.  
 c—Cars 1082 to 1171 have Channel Draft sills.

1/1/29

**A. T. & S. F. SPECIAL SERVICE CARS.**

	No. in Service.		No. in Service.
300 to 185099. Clark Air Dump—30-yard capacity...	100	197600 to 197699. Water.....	12
500 to 185599. Magor Air Dump—30-yard.....	100	197700 to 197799. Shop.....	6
185701 to 185800. Western Air Dump—30-yard capacity	100	197800 to 197999. Material.....	14
185801 to 186000. Western Air Dump—20-yard capacity	200	198000 to 198197. Tool.....	13
189101 to 189999. Water Cars.....	364	198200 to 198950. Miscellaneous Bunks.....	412
190000 to 191599. Tool and Material Cars.....	592	198951 to 198992. 50-ft. Bunks.....	25
191600 to 191629. Tool Cars.....	11	198993 to 199199. Miscellaneous Bunks.....	128
191630 to 191699. Store House Supply Cars.....	21	199200 to 199224. Ballast Unloaders.....	2
191700 to 191799. Boat Flats.....	14	199225 to 199274. Ballast Spreaders.....	21
191800 to 192499. Shop Cars.....	209	199275 to 199324. Ballast Plows.....	14
192500 to 192999. Cinder Cars.....	134	199325 to 199349. Snow Flangers.....	4
193000 to 193999. Bunk, Commissary and Dining Cars...	473	199350 to 199399. Snow Plows.....	28
194000 to 194599. Bunk.....	455	199400 to 199499. Pile Drivers.....	22
194600 to 194749. Water.....	16	199500 to 199599. Steam Shovels.....	15
194750 to 194759. Bunk.....	19	199600 to 199689. Locomotive Cranes.....	35
194800 to 194899. Shop.....	14	199692 to 199699. Tie Adzing and Spike Driving.....	1
194900 to 194949. Foreman's Bunk.....	45	199735 to 199799. Derrick.....	52
194950 to 194999. Bunk.....	12	199800 to 199859. Hand Derricks, Rail Loaders, etc.....	5
195000 to 195159. Tool.....	69	199860 to 199869. Gas Transport.....	
195160 to 195349. Material.....	95	199870 to 199876. Tie Incisor Machinery.....	5
195350 to 195399. Bunk.....	40	199901 to 199909. Weed Burners.....	12
195400 to 195562. Water.....	49	199910 to 199929. Test Weight Cars.....	6
195563 to 195749. Bunk.....	104	199930 to 199949. Scale Repair.....	8
195750 to 195799. Commissary.....	6	199950 to 199959. Air Compressor & Sand Blast.....	2
195800 to 195899. Bunk, Kitchen, Commissary and Dining	37	199974 to 199989. Special Machinery.....	7
195900 to 195949. Foreman's Bunk.....	44	199990. Ditcher.....	2
195950 to 195999. Bunk.....	30		
196000 to 197599. Bunk Miscellaneous.....	844		
			5048

**REFRIGERATOR CARS.**

Refrigerator cars are lettered "S. F. R. D." and are on mileage basis:  
The Maximum Loading of S. F. R. D. Refrigerator Cars is as follows:

Series.	Marked Capacity.	Load Limit Between Bulkheads.	Load Limit.
1330 to 1531.....	60,000 lb.....	See Note AA.....	See Note AA
1818 to 3968.....	60,000 lb.....	50,000 lb. See Note EE.....	See Note CC
4215 to 5396.....	60,000 lb.....	50,000 lb. See Note EE.....	See Note EE
6003 to 6698.....	60,000 lb.....	See Note AA.....	60,000 lb. See Note AA
6975.....	60,000 lb.....	See Note AA.....	See Note AA
6976 to 7200.....	60,000 lb.....	See Note AA.....	See Note AA
7201 to 12150.....	60,000 lb.....	See Note AA.....	See Note AA
12151 to 15450.....	70,000 lb.....	See Note DD.....	See Note DD
15451 to 19950.....	85,000 lb.....	See Note DD.....	See Note DD
19951 to 23450.....	70,000 lb.....	See Note DD.....	See Note DD
23451 to 24450.....	70,000 lb.....	See Note DD.....	See Note DD
24451 to 24950.....	75,000 lb.....	See Note DD.....	See Note DD
24951 to 28450.....	75,000 lb.....	See Note DD.....	See Note DD

**Note AA**—Load limits (bulkheads either up or down) for these cars, including any dunnage, is determined by subtracting the marked tare weight, or the actual light weight, if known, from 103,000 pounds.

**Note BB**—With floor racks down height is 4 1/4 inches less.

**Note CC**—The load limit of cars in this series, when under refrigeration (including the ice in the bunkers), is the difference between the marked tare weight, or actual light weight, and the total weight on rails of 103,000 pounds, but not more than 50,000 pounds may be loaded between bulkheads.

**Note DD**—Load limits (bulkheads up or down) is determined by subtracting the marked tare weight, or actual light weight, if known, from 136,000 pounds.

**Note EE**—These are arbitrary load limits and must be observed. Where the above reads "Load limit between bulkheads 50,000 pounds" and "Load limit 60,000 pounds," the 60,000 pounds is meant to include 10,000 pounds in the bunkers, representing the weight of ice when under refrigeration, and that not more than 50,000 pounds may be loaded between the bulkheads.

1/1/29

M. C. B. DESIGNATION.	MARKINGS AND KIND OF CARS	NUMBERS.	DIMENSIONS																CAPACITY				Number of Cars.
			INSIDE						OUTSIDE						DOORS		Capacity of Ice Tanks.		Capacity of Car.				
			Length.		Width.	Height.	Length.	Width.		Height from Rail		Width.	Height.	Total Capacity for Crushed Ice	Total Capacity for Chumk Ice.	Cubic Feet.	Depth.	Between Ice Boxes. Bulkheads in Place.	Clear Capacity (Bulkheads Collapsed).	Pounds.			
			Between Ice Tanks. Bulkheads in Place.	Between Lining Cars (Bulkheads Collapsed).				At Eaves.	Extreme Width.	To Extreme Width.	To Eaves.										To Top of Running Board	To Extreme Height	
RS.	Refrigerator, S.F.R.D.	1330 to 1587	32 2 1/2	38 8 1/2	8 2 1/2	40	9 5/8	11 6 1/2	12 4 1/2	13 10 1/2							10000	273.8	1809	2104	60000	27	
RS.	"	1816 to 3968	32 2 1/2	38 8 1/2	8 2 1/2	40	9 3/4	11 10 1/2	12 5 1/2	13 10 1/2							9000	247.2	1923		60000	254	
RS.	"	4215 to 5396	32 2 1/2	38 8 1/2	8 2 1/2	40	9 8	10 0 1/2	12 8 1/2	14 1 1/2							9000	247.2	1921		60000	5	
RS.	"	6003 to 6698	32 2 1/2	38 8 1/2	8 2 1/2	40	9 3/4	12 0 1/2	12 7 1/2	14 0 1/2							9000	243.9	1818		60000	450	
RS.	(See Exception) S. F. R. D. Exception	6701 to 7200 6975	32 2 1/2	38 5 1/2	8 2 1/2	40	9 8	11 10 1/2	12 5 1/2	14 0 1/2							8700	235.8	1804		60000	405	
RS.	" S. F. R. D.	7201 to 8240	33 2 1/2	39 8 1/2	8 2 1/2	41 3	9 6 1/2	11 8 1/2	12 5 1/2	14 0 1/2							10500	280.6	1868	2143	60000	923	
RS.	"	8241 to 8250	33 2 1/2	39 0 1/2	8 2 1/2	41 3	9 0 1/2	11 8 1/2	12 5 1/2	14 0 1/2							10000	284.5	2040	2320	60000	8	
RS.	"	8251 to 9750	33 2 1/2	39 5 1/2	8 2 1/2	41 3	9 7 1/2	11 8 1/2	12 6	14 1 1/2							10500	280.6	1868	2139	60000	1325	
RS.	"	9751 to 11650	33 2 1/2	39 5 1/2	8 2 1/2	41 3	9 6 1/2	11 8 1/2	12 6	14 1 1/2							10500	286	1868	2130	60000	1547	
RS.	"	11651 to 12150	33 2 1/2	39 2 1/2	8 2 1/2	41 3	9 6 1/2	11 10 1/2	12 8	14 2							10500	283	1868	2172	60000	490	
RS.	"	12151 to 12950	33 2 1/2	39 2 1/2	8 2 1/2	41 3	9 6 1/2	11 10 1/2	12 8	14 2							10500	283	1868	2146	70000	766	
RS.	"	12951 to 15450	33 2 1/2	39 2 1/2	8 2 1/2	41 3	9 5 1/2	12 2 1/2	13 0 1/2	14 5 1/2							11000	323.4	1931	2241	70000	2486	
RS.	"	15451 to 17950	33 2 1/2	39 2 1/2	8 2 1/2	41 3	9 4 1/2	12 2 1/2	13 0 1/2	14 5 1/2							11000	307	1931		65000	2486	
RS.	"	17951 to 19950	33 2 1/2	39 2 1/2	8 2 1/2	41 3	9 4 1/2	12 2 1/2	13 0 1/2	14 5 1/2							11000	307	1931		65000	1999	
RS.	"	19951 to 21950	33 2 1/2	39 2 1/2	8 2 1/2	41 3	9 4 1/2	12 3 1/2	13 2 1/2	14 6 1/2							11000	307	1931		70000	1997	
RS.	"	21951 to 22450	33 2 1/2	39 2 1/2	8 2 1/2	41 3	9 4 1/2	12 3 1/2	13 2 1/2	14 6 1/2							11000	307	1931		70000	500	
RS.	"	22451 to 23450	33 2 1/2	39 2 1/2	8 2 1/2	41 3	9 4 1/2	12 5 1/2	13 2 1/2	14 8							11000	307	1931		70000	998	
RS.	"	23451 to 24350	33 2 1/2	39 2 1/2	8 2 1/2	41 3	9 6 1/2	12 5 1/2	13 3 1/2	14 0 1/2							11000	306	1936		70000	900	
RS.	"	24351 to 24450	33 2 1/2	39 2 1/2	8 2 1/2	41 3	9 6 1/2	12 5 1/2	13 3 1/2	14 0 1/2							10000	271	1936		70000	100	
RS.	"	24451 to 24950	33 2 1/2	39 2 1/2	8 2 1/2	41 3	9 6 1/2	12 5 1/2	13 3 1/2	14 0 1/2							10500	271	1936		75000	500	
RS.	"	24951 to 25450	33 2 1/2	39 2 1/2	8 2 1/2	41 3	9 6 1/2	12 5 1/2	13 3 1/2	14 6							10500	281	1936		75000	600	
Total.....																							18667

KANSAS CITY, MEXICO AND ORIENT RAILWAY

M. C. B. Designation	MARKINGS AND KIND OF CARS	SERIES	INSIDE			OUTSIDE						DOORS				CAPACITY		NUMBER	
			Length	Width	Height	WIDTH		HEIGHT FROM RAIL		SIDE		END		Cubic Feet Level Full	Pounds or Gallons				
						At Eaves or Top of Sides or Platform	Extreme Width	To Extreme Width	To Eaves or Top of Sides or Platform	To Top of Running Board	To Extreme Height	Width of Opening	Height of Opening			Width of Open'g	Height of Open'g		
RB.	Refrigerator, Steel Underframe.....	601 to 614	35 5	8 1	7 3	36 5	9 2									2075	60000 lb.	12	
FM	Flat, Steel Underframe..... Note A	1501 to 1750	40 1	8 6	8	37 8	9	10									80000 lb.	15	
GD	Coal, Steel Center Sills	1551 to 1750	36 10	9	3 10	37 8	9 6	10	6 5	8			8 11	4 10	1 11		1270	80000 lb.	185
XM	Box, " " " "	3044 to 4143	35 11	8 6	8	36 7	9 4	9 9	3 9	12 4	13 4	14 2	6	7 5			2442	60000 lb.	394
XM	" " " "	6001 to 6350	40 1	8 6	8	40 9	9 4	9 8	3 9	12 4	13 4	14 2	6	7 5			2724	80000 lb.	349
FM	Flat, " " " "	8105 to 8335				36	9 3	10	3 9	4 2 1/2			6 8					80000 lb.	75
SD	Stock, Stl. Center Sills	10001 to 10100	35	8 6	7 2	36	10	10	3 6	11 7	12 6	14 2	5	6 10	2	3	2132	60000 lb.	73
SM	" " " "	10101 to 10400	36 4	8 6	7 4	37 4	10	10 2	3 6	11 9	12 7	14 4	5 3	7	2	3	2262	60000 lb.	200
SM	" " " "	10600 to 10649	39 11	8 3	7 4	40 9	9 6	10 2		12	12 11	15	5	7	2	3	2414	80000 lb.	50
TM	Tank, " " " "	25001 to 25230																8165 gal.	220
Total.....																			1573

Caboose.....	501 to 522	14
"	550 to 587	38
" (Side doors).....	53000 to 54000	5
Snow Plow.....	1241	1
Ballast.....	1251 to 1420	166
Water Car.....	7002	1
" (Tanks).....	26001 to 26006	4
Flat.....	8300 and 8308	2
"	9002 to 9036	8
Conedek.....	09050	1
Supply Cars.....	33332 to 34139	4
Bunk, Tool, Material.....	40022 to 48306	111

WORK

Pile Drivers.....	01 and 04	2
American Ditchers.....	010 and 012	2
Jordan Spreader.....	014	1
Scale Test Car.....	018	1
Wrecking Crane.....	020	1
Steam Shovel.....	025	1
Air Dump.....	060 to 064	5

Total..... 1941

1/1/29

**GULF, COLORADO & SANTA FE RAILWAY.**

DESCRIPTION.	NUMBERS	Outside Length.	INSIDE DIMENSIONS.			CAPACITY.	No. in Service.
			Length.	Width.	Height.		
Box, Channel D. S.....	4017	34.3	33.6	8.8	6.19	50000	1
" Wood U. F.....	**4066 to 4137	34.3	33.5	8.10	6.6	50000	5
	4514 to 4999	38.95	36	8.6	8	60000	38
						Total Box Cars.....	44
Coal, Channel D. S.....	6113 to 6158	34	31.9	8	4	60000	17
	6174 to 6210	34	31.9	8	4	60000	12
						Total Coal Cars.....	29
Ballast (High Center), Wood U. F.....	7055	34	31.4	8.10	3	60000	1
" (Lidgerwood), Wood U. F.....	7080 to 7113	40		8.6	2.5	80000	6
						Total Ballast Cars...	7
Shop.....	8300 to 8324						25
Tank (Oil).....	8101 to 8225	35.1				*9496 gals.	64
Water (Tubs).....	8913 to 8972						40
Shop.....	9200 to 9286						80
Shop.....	9301 to 9449						29
Bunk and Tool.....	8500 to 9199						180
Bunk and Tool.....	9450 to 9999						153
Way.....	2 to 123						49
".....	150 to 153						2
".....	190 to 194						4
	204						1
Total.....							707

\*—United States and Canadian Railroads' Circular No. 6-T, amendments thereto or superseding issues thereof (E. B. Boyd's I. C. C. No. A-1760), should be consulted for individual capacities.

\*\*—1 car, 60,000 capacity, 4066.

**SUMMARY.**

KIND.	A. T. & S. F.	G. C. & S. F.	K. C. M. & O.	Total
Automobile.....	5865			5865
Furniture.....	3			3
Ice.....	439			439
Box.....	31174	44	743	31961
Stock.....	8867		323	9190
Flat.....	2808		90	2898
Coal.....	12293	29	185	12507
Ballast.....	2466	7		2473
Tie.....	398			398
Tank.....	3260	64	220	3544
Concentrate.....	198			198
Cabooses.....	1092	56	52	1200
Drovers' Car.....	19			19
Special and Outfit.....	5048	507	316	5871
Refrigerators.....	18667		12	18679
Total.....	92597	707	1941	
Grand Total.....				95245