SURGEONS OF THE ATCHISON, TOPEKA & SANTA FE RY. CO., COAST LINES AND SANTA FE COAST LINES HOSPITAL ASSOCIATION

DR. W. A. MORRISON, Chief Surgeon, Los Angeles, Cal.

DR. LAWRENCE CHAFFIN, Assistant Chief Surgeon, Los Angeles, Cal.

DR. R. J. FLAMSON, Assistant Chief Surgeon, Los Angeles, Cal.

DR. GLENN F. CUSHMAN, Assistant to Chief Surgeon, San Francisco, Cal.

DR. RUTH FLEMING, Local Surgeon	San Francisco
DR. LEWIS F. MORRISON, Aurist	
DR. O. F. MONTGOMERY, Dermatologist	
DR. ROBERT SHAFFER, Consulting Oculist	San Francisco
R. CHAS. E. PETERS, Roentgenologist	Oakland
J. JAMES HILGESEN, Local Surgeon	
DR. R. A. CRUM, Local Surgeon	
DR. HARRY P. KRUMMES, Assistant Local Surgeon	Oakland
DR. M. H. SHUTES, Eye, Ear, Nose and Throat	Oakland
DR. R. T. McMAHON, Local Surgeon	
DR. C. L. ABBOTT, District SurgeonR	ichmond-Oakland
DR. L. J. PETRUCCI, Shop Physician	Richmond
DR. ALLEN MORROW, Local Surgeon	
DR. R. J. P. HARMON, Eye, Ear, Nose and Throat	
DR. CHAS. F. McGREER, Local Surgeon	
DR. H. D. NEUFELD, Emergency Surgeon(Conco	rd) Port Chicago
DR. J. H. LIBBEY, Local Surgeon	
DR. PHILIP VON HUNGEN, Assistant Local Surgeon	
DR. W. T. McNEIL, Local Surgeon	Stockton
DR. E. WEYS, Assistant Local Surgeon	Stockton
DR. F. E. CHOURET, Local Surgeon	
DR. W. S. DINSMORE, Local Surgeon	
DR. R. W. DAHLGREN, Division Surgeon	Fresno
DR. L. R. NIELSON, Local Surgeon	Fresno
DR. F. R. FREETO, Assistant Local Surgeon	
DR. GERALD K. NIDER, Assistant Local Surgeon	
DR. HUGH AWTREY, Eye, Ear, Nose and Throat Specialist	
DR. W. J. SMITH, Oculist	Fresno
DR. JAMES A. PARKER, Local Surgeon	Merced
DR. A. S. PARKER, Assistant Local Surgeon	
DR. W. T. CHAMLEE, Local Surgeon	
DR. L. W. SORENSON, Local Surgeon	
DR. JOE SMITH, Local Surgeon	Bakersfield
DR. GEORGE S. LAMBETH, Assistant Local Surgeon	
DR. S. O. HARRIS, Assistant Local Surgeon	
DR. R. M. JONES, Eye, Ear, Nose and Throat Specialist	
DR. K. S. McKEE, Oculist and Aurist	Bakersfield
DR. HENRY W. VOTH, Local Surgeon	Shafter
DR. MAX D. HENDRICKS, Local Surgeon	
DR. JOHN S. GLENN, Local Surgeon	
DR. RAY W. ROSSON, Local Surgeon	
DR. IRVIN H. BETTS, Local Surgeon	Visalia
DR. K. F. WEISS, Assistant Local Surgeon	
DR. G. A. HAWKINS, Local Surgeon	
DR. HORACE G. CAMPBELL, Local Surgeon	
DR. F. L. WIENS, Local Surgeon	Porterville
DR. A. RUSSELL MOODIE, Local Surgeon	

First aid kits are located at Bakersfield, Calwa, Fresno, Richmond, Oakland and San Francisco, on all locomotives, and with all regularly assigned extra gangs.

E. E. SANDERS, Trainmaster, Bakersfield, Cal.

A. K. JOHNSON, Trainmaster, Fresno, Cal. NEIL WILSON, Trainmaster, Fresno, Cal.

E. O. BAGENSTOS, Trainmaster, Richmond, Cal.

J. B. WARD, Chief Dispatcher, Fresno, Cal. S. A. WYSONG, L. L. WEBSTER, W. W. HAYS, T. J. MILLER, J. P. MARBERRY, N. S. PETERSON, E. C. STRETCH, R. D. RILEY,

H. A. HARGIS, P. W. ARCHIBALD, Asst. Chief Dispatchers, Fresno, Cal.

E. V. ROSS, M. L. POTTER,
K. C. MAY,
Dispatchers, Fresno, Cal.

The Atchison, Topeka and Santa Fe Railway Co.

COAST



LINES

VALLEY DIVISION

AND

SAN FRANCISCO TERMINAL DIVISION

TIME TABLE No.



IN EFFECT

Sunday, January 26, 1947

At 12:01 A. M. Pacific Standard Time

Superseding Time Table No. 91, Dated Sept. 29, 1946, and any Supplements thereto.

This Time Table is for the exclusive use and guidance of Employes.

E. E. McCARTY, General Manager Los Angeles, Cal. F. A. BAKER, Asst. General Manager Los Angeles, Cal.

E. B. HEBERT, Superintendent Fresno, Cal. R. J. BRETON, Superintendent San Francisco, Cal.

2	VA	LLEY	DIVISI	ON						FIRST	DIS	STRIC	СТ
				WEST	WARD	- 1							
		SECON	D CLASS			FIRST	CLASS		TIME TABLE			Hon	
		95	93	91	23	63	61	1	NO. 92			nunicat	E 88
		Freight)	Freight	Freight	Grand Canyon Limited	Golden Gate	Golden Gate	The Scout	Jan. 26, 1947	Posts	Ruling Grade Ascending	Offices of Communication and Booth Phones	Fuel, Water, Turn Tables and Wyes
		Leave Dally	Leave Dally	Leave Daily	Leave Daily	Leave Daily	Leave Daily		STATIONS	Mille	Ruling	Office and B	Fuel, Table
					9.10			10.20	KERN JUNCTION	885.2		0	
		PM 11.00	PM 3-15	AM 7.00	8 9.20 9.35	PM 3.45	11.10	18:38	BAKERSFIELD	887.7	0.0	0	FW TY
		11.06	3.21	7.09	9.39	3.48	11.13	10.44	LANDOO	889.8	13.3	В	Y
		11.11	3.26	7-1824	9.43	3.50	11.15	10.47	JASTRO	891.9	0.0	В	
		11.17	3.32	7.23	9.47	3.53	11.18	10.51	ROSEDALE	895.7	0.0	В	
		11.23	3.38	7.30	9.52	3.57	11.22	10.56	UNA UNA	900.6	0.0	В	
		11.30	3.45	7.37	s 10.00	4.01	11.26	811.05	SHAFTER	905.5	9.2	O	w
		11.3762	3.49	7.41	10.04	4.03	11.28	11.08	SANTHU	908.5	0.0	В	
		11.46	3.55	7.46	s10-12	4.07	11.32	s11.16	WASCO	913.0	0,0	0	w
		11.53 - AM	4.02	7.53	10.19	4.11	11.36	11.22	ELMO	918.8	0.0	В	
1.		12.01	4.09	8.00	10.26	4.15	11.40	11.27	KERNELL	924.5	0.0	В	
		12.09	4.2163	8.09	10.35	4.2193	11.46	11.34	ALLENSWORTH	932.0	0.0	O	W
		12.14	4.28	8.14	10.40	4.25	11.50	11.38	STOIL	936.4	1.1	В	
		12.20	4.32	8.20	10.47	4.29	11.54	11.43	ANGIOLA	942.1	9.5	O	
		12.24	4.37	8.24	10.51	4.32	11.57	11.47	BLANCO	945.9	4.1	В	
3		12.30	4.43	8.30	s 1 0.5962	4.37	12.02	811.55 PM	CORCORAN	950.9	0.0	O	WY
		12.35	4.522	8.35	11.05	4.40	12.051	12.0561	BEAN	953.9	3.2	В	
		12.43	5.00	8.43	11.13	4.452	12.10	12.13	GUERNSEY	960.1	4.1	В	
		W.		TE	11.18	4.48	12.13	12.17	ODESSA	964.1	5.8		
		12.52	5.09	8-52	s 1 1 · 30	8 4.55	s12·20	s12·25	8. P. Crossing HANFORD	967.9	5.2	0	w
					11.35	4.58	12.23	12.31	BANNER	971.2	9.0		
									LUCERNE	971.8	10.6	В	
		1.00	5.17	9.00	11.39	5.00	12.25	12-33	SHIRLEY	973.3	0.0	В	
		1.04	5.21	9.04	11.45	5.03	12.28	12.38	LATON	976.0	14.6	0	Y
		1.11	5.28	9.11	11.52	5.08	12.33	12.44	CONEJO	981.9	0.0	В	
		1.15	5.32	9.15	11.57	5-11	12.36	12.47	MONMOUTH	985.6	10.6	В	
		1.18	5.35	9.18	12.02	5.13	12.38	12.5360	BOWLES	988.3	10.6	В	
		1.22	5.39	9.22	12.07	5.16	12.41	12.59	OLEANDER	991.1	10.6	В	
				4					CALWA TOWER S. P. Crossing	994.4	0.0	O	
		1.30 AM	5.45 PM	9.30 AM	s12.13	5.21 PM	12.4660 PM	1.05 PM	CALWA	995.2	0.0	С	FW TY
		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	(110.0)				
		(43.0)	(43.0)	(43.0)	(39.3)	(67.2)	(67.2)	(42.6)	Average speed per hour				

FI	RST	DISTRICT						VA	LLEY	DIVISI	ON		,
			1		ASTWAR	3							
ļ		TIME TABLE			FIRST CLASS								
egu;		NO. 92	24	60	2	62							
Capacity of Sidings in 50 ft. Cars	Ruling Grade Ascending	Jan. 26, 1947	Grand Canyon Limited	Golden Gate	The Scout	Golden Gate							
Capar in 50	Rulin	STATIONS	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily							
77	15.8	KERN JUNCTION	8-10		6.55								
Yard	0.0	BAKERSFIELD	m 8:00 s 7:30	PM 2.35	6.45 6.30	12.05							
		LANDCO	7.23	2.30	6.23	11.57							
72	15.5	JASTRO	7.1891	2.27	6.18	11.54						1	
71	14.7	ROSEDALE	7.13	2.23	6.11	11.50							
72	14.0	UNA UNA	7.05	2.18	6.03	11.46							
72	0.0	SHAFTER	s 6.58	2.13	s 5.57	11.41							
100	10.6	SANTHU	6.50	2.10	5.50	11.3795							
119	10.6	WASCO	8 6.43	2,06	s 5.45	11.32							
71	15.8	ELMO	6.33	2.01	5.34	11.26							
72	15.8	KERNELL	6.27	1.56	5.29	11.21							
71	8.4	ALLENSWORTH	6.19	1.50	5.22	11.15							
92	1.7	STOIL	6.14	1.46	5.18	11.11							
72	9.0	ANGIOLA	6.07	1.41	5.12	11.07							
72	0.0	BLANCO	6.02	1.38	5.08	11.04							
10 3	2.6	CORCORAN	₃ 5.55	1.33	s 5.00	10.5923							
74	0.0	BEAN	5.46	1.29	4.52%	10.55							
81	0.0	GUERNSEY	5.40	1.24	4.456	10-50		•					
17	0.0	ODESSA 3.8	5.36	1.20	4.35	10.46							
111		S. P. Crossing HANFORD	s 5.30	8 1.15	s 4.30	s10.41							
19	0.0	BANNER	5.17	1.09	4.17	10.36							
	0.0	LUCERNE											
72	0.0	SHIRLEY	5.14	1.07	4.14	10.34							
73	15.8	LATON	5.10	1.04	f 4.10	10.31							
72	0.0	CONEJO	5.01	12.59	4.02	10.26							
26	0.0	MONMOUTH	4.56	12.56	3.58	10.23							
71	0.0	BOWLES 2.8	4.53	12.531	3.55	10.20							
71	4.2	OLEANDER	4.50	12.51	3.52	10-18							
		CALWA TOWER S. P. Crossing											
Yard	4.2	CALWA	4.45 AM	1 2.4 661	3.47 PM	10,13 PM							
		(110.0)	Leave Daily	Leave Daily	Leave Daily	Leave Daily							
		Average speed per hour	. (37.7)	(59.2)	(38.2)	(57.6)	::						-

4	VA	LLEY	DIVIS	ION					SECOND DISTRICT				СТ
				WESTWAR	D						<u> </u>		
	SECOND CLAS	S			FIRS	CLASS			TIME TABLE			<u>5</u>	
95	93	91	63	25	1	61	15	23	NO. 92			nunicat 168	E 8
Freight	Freight	Freight	Golden Gate	Motor	The Scout	Golden Gate	Motor	Grand Canyon Limited	Jan. 26, 1947	Posts	Ruling Grade Ascending	Offices of Communication and Booth Phones	Fuel, Water, Turn Tables and Wyes
Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	STATIONS	Mile Posts	Ruling	Office and B	Fuel, Tables
PM 6.00	10.00	AM 2.00	PM 5-21	PM 2.27	PM 1.05	PM 12.46	AM 5.40	AM 12-18	CALWA	995.2	15.0	O	FW TY
									SUNMAID TOWER S. P. Crossing	996.8	15.8	С	
									FRESNO TOWER S. P. Crossing	997.7	15.8	C	
6.12	10-12	2.12	s 5.27 5.30	2.35 PM	* 1.11 1.21	\$12.52 12.55	5.50	*12.25 12.45	FRESNO	998.1		C	w
6.18	10.18	2.18	5.37		1.27	1.02		12.51	HAMMOND	1000.1	15.8	В	
6.26	10.26	2.26	5.43		1.34	1.08		12.58	FIGARDEN	1005.7	15.8	В	
6.33	10.33	2.33	5.48		1.40	1.13		1.07	GREGG	1011.6	10.6	C	
6.36	10.36	2.36	5.50		1.43	1.15		1.10	TRIGO	1014.0	0.0	В	
6.43	10-43	2.43	5.55		1.49	1.20		1.17	MADERA	1019.6	15.8	0	w
6.50	10.50	2.50	6.01		1.56	1.26		1.26	KISMET	1026.1	16.1		
									KISMET TOWER S. P. Crossing	1026.4		C	
6.55	10.55	2.55	6.05		2.01	1.30		1.32	SHARON	1030.3	7.4	В	
7.02	11.01	3.01	6.10		2.07	1.35		1.40	MARGUERITE	1035.8	15.8	В	
7.10	11.08	3.08	6.15		f 2.17	1.40		f 1.48	LE GRAND	1041.5	0.0	C	w
7.18	11.15	3.1724	6.20		2.272	1.45		1.56	PLANADA	1047.3	5.3	0	
7.23	11.19	3.20	6.23		2.33	1.48		2.00	TUŢŢLE	1050.6	0.0	В	
7.31	11.25	3.25	s 6.29		8 2.43	s 1.54	•	s 2.10	MERCED Yosemite Valley R. R. Crossing	1056.1	0.0	c	w
7.40	11.3460	3.32	6.36		2.51	2.012		2.20		1062.3	5.3	В	
7.45	11.39	3.43	6.38		2.56	2.03		2.25	3.1 WINTON 2.9	1065.4	15.8	C	
7.48	11.45	3.46	6.41	<u></u>	3.00	2.06		2.29	CRESSY	1068.3	0.0	В	
7.53	11.49	3.51	6.44		3.05	2.09		2.3524	BALLICO	1072.0	19.8	В	
8.02	11.57 PM	4.00	6.50		3-13	2.15		2.43	DENAIR	1079.6	15.8	C	w
8-10	12.04	4.08	6.55		s 3.23	2.20		f 3.00	HUGHSON	1085.8	0.0	O	
8.15	12-11	4.13	6.58		3.29	2.23		3.06	EMPIRE 3.6	1089.2	17.4	C	
8.20	12-18	4.18	7.01		3.35	2.26		3.10	CLAUS	1092.8	7.9	В	
8.25 M	12.30 PM	4.30 AM	7.04 PM		8 3.40 PM	2.29 PM		8 3.15 AM	RIVERBANK	1095.6	26.4	С	FW TY
Arrive Daily	Arrive Dally	Arrive Dally	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	(100.4)				
(41.5)	(40.2)	(40.2)	(60.2)	(21.8)	(41.5)	(60.2)	(17.4)	(38.4)	Average speed per hour		I		

SE	CON	D DISTRICT							VALLEY	DIVISION	5
					1	EASTWAR	D				
		TIME TABLE				FIRST CLAS	S				
spull spull		NO. 92	24	30	60	2	26	62			
Capacity of Sidings in 50 ft. Cars	Ruling Grade Ascending	Jan. 26, 1947	Grand Canyon Limited	Motor	Golden Gate	The Scout	Motor	Golden Gate			
Caps in 50	Rulin	STATIONS	Arrive Dally	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Dally			
Yard	2.6	CALWA	AM 4.45	8 6.24	PM 1 2 · 4 6	PM 8 3.46	PM 2⋅52	PM 10-13			
		SUNMAID TOWER S. P. Crossing									
	2.6	FRESNO TOWER S. P. Crossing									
Yard	5.3	FRESNO	\$ 4.40 \$ 4.25	6.15 AM	12:40 12:37	3.40 3.30	2.45 PM	18:87			
79	5.3 5.3	-2.0- HAMMOND -5.6-	4.18		12-31	3.24		9.59			
72	15.8	FIGARDEN	4.09		12.25	3.16		9.53			
72	15.8	GŖĔĠG	4.01		12.20	3.10		9.48			
76	12.7	TŘÍGO	3.58		12.18	3.07		9.46			
71	15.8	5.6- MADERA 6.5	f 3.52		12.13	3.00		9.41			
71	0.0	KISMET	3.44		12.08	2.52		9.36			
		KISMET TOWER S. P. Crossing									
76	0.0	SHARON	3.39		12.04 	2.47		9.32			
73	15.8	MARGUERITE	3.32		— PM — 11⋅59	2.42		9.27			
75	15.8	LE GRAND	f 3.25		11.55	s 2.34		9.23			
72	15.8	PLANADA	3.1791		11.50	2.271		9.18			
73	14.6	TUŢŢLE	3.12		11.47	2.21		9.15			
111	10.6	MERCED Yosomite Valley R. R. Crossing	s 3.04		s 1 1 · 4 1	s 2·14		8 9.09			
71	17.4	CUBA	2.48		11.3493	2.0161		9.02	•		
72	15.8	winton	2.44		11.31	f 1.48		8.59			
71	0.0	ORESSY	2.40		11.29	f 1.43		8.57			
72	19.8	BALLICO	2.3528		11.26	1.37		8.54			
76	0.0	DENAIR	f 2.24		11.20	f 1.28		8.48			
70	15.8	HUGHSON	s 2.14		11.15	s 1·18		8.43			
104	0.0	EMPIRE 3.6	2.04		11.12	1.08		8.40			
43	0.0	CLAUS	1.59		11.09	1.04		8.37			
Yard	0.0	RIVERBANK	1.55 AM		11.06 AM	1.00 PM		8.34 PM			
		(100.4)	Leave Daily	Leave Daily	Leave Dally	Leave Dally	Leave Dally	Leave Daily			
		Average speed per hour	. (38.9)	(19.3)	(62.1)	(38.6)	(24.8)	(62.1)	1		

	ALLEY	DIAI2	ION						THIRE) DI	STRI	CT
		<u>-</u>	WEST	WARD								T
	SECONI	D CLASS			FIRS	T CLASS		TIME TABLE			. <u>5</u>	
	95	93	91	63	1	61	23	NO. 92			municat	li il
	Freight	Freight	Freight	Golden Gate	The Scout	Golden Gate	Grand Canyon Limited	Jan. 26, 1947	osts	Ruling Grade Ascending	Offices of Communication and Booth Phones	Fuel, Water, Turn
	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Dally	STATIONS	Mile Posts	Ruling Ascent	Offices and Be	Fuel,
	PM 9∙00	PM 1-10	AM 5.00	PM 7∙04	PM 3.48	PM 2.29	AM 3.25	RIVERBANK	1095.6		С	FV
	9.12	1.22	5.12	7.09	f 3.56	2.34	f 3.33	ESCALON	1101.6	15.8	C	1
	9.20	1.30	5.20	7.13	4.02	2.38	3.39	AVENA	1107.0	0.0	В	1
	9.28	1.38	5.28	7.18	4.08	2.43	3.45	BURNHAM	1112.5	0.0	C	-
	9.34	1.44	5.34	7.21	4.13	2.46	3.50	LARSON	1116.9	0.0	В	-
	9.40	1.50	5.40	7.25	4.17	2.50	3.54	MORMON	1120.0	0.0	C	WE
_	9.50	2.00	5.50	s 7.31	s 4.35	s 2·57	a 4.10	S. P. and W. P. Crossings STOCKTON	1121.4	0.0	В	WY
				7.36	4.42	3.02	4.18	WOODSBRO	1125.5	1.6		 -
_	9.58	2.08	5.58	7.37	4.44	3.03	4.21	GILLIS	1127.1	0.0	В	-
	10.01	2.11	6.01	7.39	4.50	3.05	4.25	2.2 HOLT	1129.3	0.0	0	-
	10.06	2.16	6.06	7.43	4.55	3.09	4.30	TRULL	1133.5	8.0	В	-
				7.45	4.59	3.11	4.33	MIDDLE RIVER	1134.8	11.6	0	
	10.13	2.23	6.13	7.5062	5.03	3.15	4.37	ORWOOD	1136.8	0.0	0	w
	10-18	2.28	6.18	7.54	5.07	3.18	4.41	BIXLER	1139.9	3.2	В	
	10.22	2.32	6.22	7.56	5.13	3.20	4.48	3.1 KNIGHTSEN	1143.0	6.3	0	<u> </u>
	10.26	2.36	6.26	7.59	5.20	3.23	4.54	OAKLEY	1146.1	3.6	- 0	ļ
	10.32	2.42	6.32	8.03	5.26	3-27	5.00	4.7 SANDO	1150.8	13.2	$\frac{B}{B}$	
	10.37	2.47	6.37	8.05	s 5.35	3.29	s 5.08	ANTIOCH	1152.1	0.0	<u>C</u>	W
	10.45	2.55	6.45	8.09	s 5.43	3.33	f 5.17	PITTSBURG	1155.8	15.8	- 0	
	10.51	3.01	6.51	8.13	5.50	3.37	5.24	BROSE	1159.5	5.3	<u></u> В	
	10.58	3.08	6.58		f 5.58		f 5.33	PORT CHICAGO	1163.6	15.8		l
	-				- 3.38	3.71	1 3.33	BLUME	-	0.0		
	11.10	3.20	7.10	8.21	6.04	3.45	F 20	MALTBY	1165.8	0.0	В	Y
	11.16	3.26	7.16	8.24	6.09	3.43	5·39 5·43	VINE HILL	1167.3	52.8	B	
*	11.21	3.31	7.21	8.27	6.14	3.51	5.47	MUIR	1169.1	52.8	B	
······	11.26	3.39						2.6	1170.8	60.0	B	
			7.29	8.31	6.20	3.55	5.53	GLEN FRAZER	1173.4		С	W
	11.3124		7.35	8.35	6.25	3.59	5 .58	CHRISTIE	1175.3	52.8	В	
	11.48	3.52	7.42	8.40	6.30	4.04	6.05	LUZON	1179.6	0.0	В	
								HERPOCO	1181.1	0.0	В	
	AM			s 8.44	8 6⋅36	s 4.08	s 6·12	PINOLE	1181.5	0.0	О	
	12.05	3.58	7.48	8.46	6.39	4.10	6.18	GATELEY	1183.2	49.6	В	
	12.16	4.03	7.53	8.50	6.43	4.14	6.23	RHEEM	1186,5	52.8	В	
	12.20			8.52		4.16	6.25	SAN PABLO	1187.8	0.0		
	12.25 AM	4.10 PM	8.00 MA	8 8.55 FM	8 6.5062 PM	8 4.19 PM	8 6.30 AM	RICHMOND	1189.6	51.7	С	FW TY
	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Dally	(94.0)				
	(27.5)	(31.3)	(31.3)	(50.8)	(31.0)	(51.3)	(30.5)	Average speed per hour	<u> </u>			

TH	HIRD	DISTRICT						VALLEY DIVISION	7
					ASTWAR)			
		TIME TABLE			FIRST CLASS			e e e e e e e e e e e e e e e e e e e	
e u		NO. 92	60	2	62	24			
Ity of Sidings it. Cars	Ruling Grade Ascending	Jan. 26, 1947	Golden Gate	The Scout	Golden Gate	Grand Canyon Limited			
Capacity in 50 ft. C	Ruling Ascen	STATIONS	Arrive Daily	Arrive Dally	Arrive Dally	Arrive Daily			
Yard	15.0	RIVERBANK	AM 11.06	PM 812,55	PM 8⋅34	AM 8 1.50			
71	15.8	ESCALON	11.01	f12.47	8.29	f 1.42			
74	15.0	AVENA	10.56	12.39	8.24	1.35			
72	9.8	BURNHAM	10.52	12.33	8.20	1.29			
69	9.3	LARSON	10.49	12.29	8.17	1.24			
Yard	10.3	MORMON	10.46	12.25	8.14	1.20			
/ard	10.3	S. P. and W. P. Crossings	s10.42	s12·20		s 1.15	7	31	
60	1.8	STOCKTON 4.1						13 / 12/	
	0.5	WOODSBRO	10.33	12.06	8.03	12.52		1 1 miles	
00	0.5	GILLIS 2.2	10.31	12.04	8.01	12.50		$\mathcal{L} \in \mathcal{U}$	
72	0.0	HOLT 4.2	10.29	f12.01	7.59	112.47			
88	5.3	TRULL	10.25	11.56	7.55	12-41	···		
	10.6	MIDDLE RIVER	10.24	f11.54	7.54	12.38			
72	10.6	ORWOOD	10.20	11.50	7.5063				
76	0.0	BIXLER 3.1	10.17	11.47	7.47	12.30			
94	6.6	KNIGHTSEN	10.14	f11.43	7.44	12.26			
71	15.8	OAKLEY 4.7	10.12	f11.38	7.42	12.21			
13	15.8	SANDO 1.3	10.08	11.32	7.38	12.15			
79	6.6	ANTIOCH 3.7	10.06	811·29	7.36	s12.12			
94	11.6	PITTSBURG	10.02	s11.21	7.32	12.03			
71	15.8	BROSE	9.58	11.15	7.28	11.57			
12	0.0	PORT CHICAGO	9.54	811·10	7.24	s11.52			
	0.0	BLUME 1.5					V-		
71	0.0	MALTBY1.8	9.51	11.04	7.21	11.46			
64	0.0	VINE HILL	9.49	11.01	7.19	11.43			
12	0.0	MUIR 2,6	9.47	10.59	7.17	11.40			
71		GLEN FRAZER	9.44	10.55	7.14	11.36			
98	52.8	OHRISTIE	9.40	10.51	7.10	11.31%			
.05	52.8	LUZON	9.35	10.45	7.05	11.25			
32	52.8	HERPOCO							
	45.2	PINOLE	s 9·30	s10.39	s 7.00	s11.20	***************************************		
06	29.9	GATELEY	9.28	10.35	6.58	11.15			
94	52.8	RHEEM	9.24	10.31	6.54	11.11			
11	0.0	SAN PABLO	9.22	10.28	6.52	11.08			
Yard	52.8	RICHMOND	9.20 AM	10.25 AM	6.501				
		(94.0)	Leave Dally		Leave Dally				
		Average speed per hour	<u> </u>	(37.6)	(54.2)	Leave Daily			

8 VALLEY AND SAN FRANCISCO TERMINAL DIVISIONS

OAKLAND DISTRICT

		WESTWAR	D							Π
	•	FIRST CLASS				TIME TABLE			rolti	
63	3 1	113	61	105	23	NO. 92			munica 183	
Golde Gate		Passenger	Golden Gate	Passenger	Grand Canyon Limited	Jan. 26, 1947	Posts	Ruling Grade Ascending	Offices of Communication and Booth Phones	
Leave D	Daily Leave Dail	Leave Daily	Leave Daily	Leave Daily	Leave Daily	STATIONS	E	Rulln Ascen	office and B	
PM 8-5		PM 5⋅30	PM 4.20	AM 7.30	AM 6⋅31	RICHMOND	0.0		0	-
9.0	05 7.05	5.40	4.30	7.40	6.40	EL CERRITO	4.5	64.4	В	┢
8 9.1	5 8 7.15	5.50	s 4.40	7.50	s 6.50	BERKELEY	8.0	22.7	O	-
						S. P. Crossing	9.9	0.0		-
9.2 9.3	5 7.30	6.00 PM	4.50 4.55	8.05 AM	7.00 7.10	OAKLAND 40th and San Pablo	10.9	0.0	О	
9.50 PM	7.55 I PM		5.15 PM		7.30 AM	SAN FRANCISCO				-
Arrive D	ally Arrive Daily	Arrive Daily	Arrive Dally	Arrive Dally	Arrive Daily	(17.9)				
(22.6)) (18.7)	(21.8)	(21.8)	(18.7)	(22.6)	Average speed per hour	i			<u> </u>

Between Oakland and San Francisco passengers and hand baggage will be transported in Buses—Checked baggage, mail and express in trucks.

OIL CITY DISTRICT	OIL	CITY	DISTRICT
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		WESTWARD	TIME TABLE	EASTWARD		
idings	_		NO. 92			
Capacity of Sidings in 50 ft. cars	Ruling Grade Ascending		Jan. 26, 1947		Mile Posts	Ruling Grade Ascending
ರ್ <u>ತಿ</u>	- Pe		STATIONS		×	Rull Asca
38	21.1		OIL JUNCTION		0.0	
28	0.0		SEGURO		3.0	0.0
Yard			OILOITY		5.6	42.2
			(5.6)			

Water at Oil City; wye at Oil Junction. Office of Communication at Seguro; booth phone at Oil Junction.

OAKDALE DISTRICT

		WESTWARD	TIME TABLE	EASTWARD		
88			NO. 92			
Capacity of Sidings in 50 ft. cars	Ruling Grade Ascending		Jan. 26, 1947		oets	Ruling Grade Ascending
Capa in 50	Rullin		STATIONS		Mile Poets	Ruiing
Yard	21.1		S. P. Crossing OAKDALE 6.5 RIVERBANK		6.5	
Yard			RIVERBANK		0.0	21.1
			(6.5)			

No switch lights on Oakdale District. Wye at Oakdale.

FRESHO INTERURBAN DISTRICT

		WESTWARD	TIME TABLE	EASTWARD		
5 .			ио. 92			
Capacity of Sidings in 50 ft. cars	Ruling Grade Ascending		Jan. 26, 1947		oets	Ruling Grade Ascending
Capac in 50 f	Ruling Ascen		STATIONS		Mile Posts	Ruling
20	0.0		HAMMOND		0.0	0.0
8	0.0		CINCOTTA 0.4		2.0	0.0
	0.0		BARTONETTE		2.4	0.0
33	0.0		CAMEO 8. P. Crossing ————————————————————————————————————		5.0	0.0
11	0.0		FORTHOAMP		6.5	0.0
9	0.0		BURNESS		7.2	0.0
50	42.2		5.8 FAIRVIEW		18.0	10.6
18	9.5		ZEDIKER		15.2	0.0
13	31.7		RIVERBEND		15.7	42.2
4	10.6		ELK 0,2		16.7	0.0
			BELMONT AVE.		16.9	0.0
			(16.9)			

No switch lights on Fresno Interurban District. Booth phone at Hammond, Bartonette, Burness, Fairview and Zediker, Trains to Fresno Interurban District will secure Clearance Card, Form 902, at Sunmaid Tower.

VALLEY AND SAN FRANCISCO TERMINAL DIVISIONS

OAKLAND DISTRICT

						EASTWAR)	<u> </u>					
		TIME TABLE		FIRST CLASS									
5 E		NO. 92	106	60	2	62	108	112	24				
Capacity of Sidings In 50 ft. cars	Ruing Grade Ascending	Jan. 26, 1947	Passenger	Golden Gate	The Scout	Golden Gate	Passenger	Passenger	Grand Canyon Limited				
25 =	Rull	STATIONS	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Dally	Arrive Daily	Arrive Daily				
Yard	39.6	RICHMOND	AM 9.00	8 9.19	AM 810.24	PM 8 6.49	PM 8.45	PM 10⋅15	PM *11.04				
66	31.7	EL CERRITO	8.50	9.11	10.14	6.41	8.35	10.05	10.54				
25	0.0	BERKELEY	8.40	9.02	810·05	8 6.32	8.25	9.55	810·45				
	79.4	S. P. Crossing											
Yard	10.4	OAKLAND 40th and San Pablo 7.0	8.30 AM	8.52 8.50	9.55 9.50	6.22 6.20	8.15 PM	9.45 PM	10.35 10.20				
		SAN FRANCISCO		8.30 AM	9. 3 0 AM	6.00 PM			10.00 PM				
		(17.9)	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Dally	Leave Dally	Leave Daily				
		Average speed per hour	(21.8)	(24.2)	(22.6)	(24.2)	(21.8)	(21.8)	(22.6)				

No. 23 is superior to No. 106 No. 105 is superior to Nos. 106, 60, 2.

No. 61 is superior to No. 62 No. 113 is superior to Nos. 108, 112, 24. No. 1 is superior to Nos. 108 and 112 No. 63 is superior to Nos. 108 and 112

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D				

		WESTWARD	TIME TABLE	EASTWARD		
Capacity of Sidings in 50 ft. cars	Ruling Grade Ascending		NO. 92 Jan. 26, 1947		Mile Posts	Ruling Grade Ascending
Capa in 50	Rufin Ascer		STATIONS		MII6	Rufing
Yard	0.0		PIEDRA		16.9	
8	0.0		PIEDRA AVOCADO OAKHURST		14.8	58.3
34	0.0		OAKHÜRST		11.3	57.0
27	0.0		MINKLER		9.3	52.8
76	0.0		CELLA		7.1	31.7
15	33.2		WAHTOKE		5.9	0.0
34	0.0		RADWIN		4.4	0.0
Yard	0.0		REEDLEY		0.0	41.4
			(16.9)			

No switch lights on Wahtoke District. Wye at Minkler. Booth phone at Piedra, Minkler and Wahtoke.

LATON DISTRICT

		WESTWARD	TIME TABLE	EASTWARD		
5			NO. 92		·	
Capacity of Sidings in 50 ft. cars	Ruiing Grade Ascending		Jan. 26, 1947		oets	Ruling Grade Ascending
Capac in 50 i	Ruilng		STATIONS		Mile Posts	Ruiing
73	0.0		LATON		0.0	10.4
10	0.0		5.6 CLINT 2.2		5.6	10.4
	0.0		S. P. Crossing		7.8	0.0
11	0.0		GEPFORD		9.6	0.0
	0.0		ROY		11.9	0.0
20	0.0		ROY 3.7 SHILLING 1.8 LANARE		15.6	3.0
8	0.0		LANARE		17.4	0.0
			(17.4)			

No switch lights on Laton District. Wye at Laton and Lanare. Office of Communication at Laton.

Booth phone at Lanare.

			VISALIA DISTRICT	Г					POR	TERVILLE-OROSI DIS	TRICT	
		WESTWARD	TIME TABLE	EASTWARD					WESTWARD	TIME TABLE	EASTWARD	
		FIRST CLASS	NO. 92	FIRST CLASS								
dings		25		30			dings			NO. 92		
Capacity of Sidings in 50 ft. Cars	Ruling Grade Ascending	Motor	Jan. 26, 1947	Motor	Posts	Ruling Grade Ascending	Capacity of Sidings in 50 ft. Cars	Ruling Grade Ascending		Jan. 26, 1947		ests.
So ft.	ing (-	9 P	ing (oaclt)	lng (·	100 A A		Mile Posts
E. 25	Bul	Leave Daily	STATIONS	Arrive Daily	Wile W	Rul	ii.G	Rul		STATIONS		ž
Yard		РМ 12-15	CORCORAN	AM 8-45	0.0	**	Yard	13.3		BAKERSFIELD		116.0
18	28.5	f12.25	WAUKENA	f 8.35	4.1	0.0	54	0.0		LANDCO 3,2		113.9
34	13.2	f12.33	PAIGE	f 8.24	9.7	0.0	29			OIL JUNCTION		110.7
14	8.9	12.36	ROBLA	f 8.20	11.6	0.0		52.8		DUCOR 5,9		71.9
25	16.6		S. P. Crossing		14.7	0.0	50	52.8		ULTRA		66.0
	13.9	s12.45	TULARE	s 8.14		0.0				PORTERVILLE JOT. P. N. E. Crossing		59.0
17	5.3	f12.53	SWALL 1.3	f 8.02	18.7	0.0	44	0.0		PORTERVILLE		58.2
54	5.3	12.55	LOMA 4.8	8.00	20.0	0.0	33	52.8		STRATHMORE JCT.		51.9
47	0.0	s 1.05	VISALIA 8. P. Crossing	s 7.52	24.8	100	29	31.1		MIRADOR		50.8
29	0.0	f 1.15	PERAL	f 7.39	31.4	16.2	53	3.1		LINDSAY		46.7
	11.6		S. P. Crossing		32.9	0.0	20	0.0		LUCOA 0.6		43.6
	10.6	f 1.21	CALGRO	f 7.32	35.8	15.9	16	15.8		SIDES		43.0
68	0.0	s 1.30	CUTLER	s 7.22	38.1	0.0	53	15.8		EXETER		39.2
33	0.0	f 1.35	SULTANA	f 7.17	41.3	13.2		15.8		Visalia Elect, Crossing		38.9
56	9.3	f 1.41	DINUBA	s 7·10	44.8	0.0	. 9	4.7		ANTES		38.3
Yard	14.6	s 1.50	REEDLEY	∘ 7.03	48.5	0.0	31	0.0		VENIDA 2.1		36.2
	14.6		S. P. Crossing		50.4	0.0	21	21.1		FANE		34.1
23	0.0	f 1.55	LACJAC	f 6.55	50.7	- 0.0	23	20.8		HILLM AID		31.2
68	5.3	s 2.00	PARLIER 1.5	s 6.51	53.1	0.0		20.8		Visalia Elect. Crossing		31.1
23	1.1	f 2.02	MILEY	f 6.46	54.6	2.5	19	0.0		REDBANKS		30.1
54	0.0	s 2.10	DEL REY	s 6.41	58.2	7.9	11	0.0		CAIRNS		28.3
44	0.0	f 2.14	WOLF	f 6.36	61.6	8.5	14	0.0		RAYO		26.9
34	0.0	f 2.17	LONE STAR	f 6.32	64.1	10.6	34	15.3		SEVILLE		23.8
20	0.0	f 2.20	CECILE	f 6.29	66.1	10.6	ll	10.0		WYETH		20.6
Yard	0.0	s 2.25	CALWA	6.25 AM	68.6	10.0	68	0.0		CUTLER		
	-							14.4		WYETH 2.0		20.6
		Arrive Daily	(68.6)	Leave Dally			29	30.3		OROSI 6.4		18.6
	<u> </u>	(31.2)	Average speed per hour	(29.4)			39	16.2		ORANĜE COVE		12.2
			<u> </u>				23	25.3		NAVALENCIA 6.3		6.3
li		371. 1	to Court Booth				27			MINKLER		0.0

Water at Corcoran, Visalia, Cutler, Reedley; wye at Corcoran and Reedley.

Office of Communication at Corcoran, Tulare, Visalia, Cutler, Sultana,
Dinuba, Reedley, Parlier, Del Rey; booth phone at Waukena and Calgro.

No switch lights between Ducor and Minkler.

Water at Porterville, Lindsay, Hillmaid, Cutler; wye at Porterville, Wyeth and Minkler.

(116.0)

0.0 51.5

52.8 52.8 33.2 5**2**.8 0.0 31.4 34.8 0.0 0.0 0.0 0.0 5.3 5.3 8.9 30.8 30.8 20.8 17.4 17.4 10.8 26.8

0.0 15.2 10.6 31.7

Office of Communication at Ducor, Porterville, Lindsay, Exeter, Cutler, Orosi, Orange Cove; booth phone at Landco, Oil Junction, Ultra, Strathmore Junction, Redbanks, Minkler and Piedra.

ALL DISTRICTS

1. Rule S-72: Except as otherwise provided, all eastward trains are superior to westward trains of the same class.

2. Rule 1 (B): Standard clocks are located at Bakersfield (yard office and roundhouse), Cutler, Calwa (station and roundhouse), Fresno, Riverbank, Mormon (station and roundhouse), Richmond (station and roundhouse), Oakland, and San Fran-

cisco (Boat Dispatcher's Office).

3. Rule 5: On single track, time applies at the siding switch where opposing trains enter siding. On double track, time applies at station sign. When a section of double track is used as single track, time and train orders apply at end of double track, or crossover. When more than one crossover, train order will specify which one to be used. Trains handling passengers or mail must not pass point where such traffic is received or discharged before scheduled time.

At following stations, designated switches are "heading-in"

Exeter House track Lindsay House track Visalia House track

Parlier Westward trains, crossover east of station Riverbank Westward trains, first crossover east of station

Mormon Westward trains, crossover at Signal 11193 Stockton Westward trains, interlocking plant east of station

Glen Frazer ... Westward trains, south siding Eastward trains, north siding

4. Rule 10 (A): Temporary reduced speed signals (yellow flag, yellow disc, or yellow light), will be displayed not less than one mile in advance of locations where speed of trains must be reduced. When so displayed trains must not exceed fifteen (15) miles per hour unless otherwise directed by train order or special instructions until rear of train has passed a temporary resume speed signal (green flag, green disc, or green light), which indicates the end of the restricted area.

Permanent slow boards, painted yellow with black numerals, will be located not less than 2500 feet in advance of locations where speed of trains must be reduced. The numerals thereon nearest the track indicate the maximum speed for passenger trains and on the field side the maximum speed for freight

trains

Indicated speeds must not be exceeded until rear of train has passed a permanent resume speed board painted green. There may be more than one yellow board in advance of a green board, in which case the reduced speed shown on each yellow board must be observed in succession until the rear of train has passed the green board.

5. Rule 82 (A): Bulletin boards and books are located at Bakersfield, Calwa, Ducor, Cutler, Fresno, Riverbank, Mormon, Antioch, Richmond, Oakland, and China Basin, San

Francisco.

6. Rule S-83 is amended to read: A train must not leave its initial station on any district, or a junction, or pass from double to single track, until it has been ascertained whether all trains due, which are superior, have arrived or left.

Rule 83 (A): The second paragraph is amended to read: Before leaving a register station at which it is necessary for the conductor to check the train register, he must fill out Form 1514 and deliver same personally to each engineman of his train.

At register stations, conductors must personally register their trains, unless relieved therefrom by Form T order, except

as provided in the following:

Bakersfield, Southern Pacific register will be maintained to comply with Southern Pacific Rule 83-C, reflecting information on Kern Jct. register, but will not be used for registration.

Cutler extra trains, except those originating or terminating,

need not register.

Calwa, Riverbank and Richmond, first-class trains, except those originating or terminating, may register by Form 903. Mormon, first and second class and extra trains, except those originating or terminating, may register by Form 903.

7. Rule 86: In addition to the provisions thereof, where automatic block signals are continuous between stations inferior trains in the same direction will only be required to clear superior train sufficiently to give clear signal indication in the

8. Rule 93: Yard limits are located at Kern Junction-Bakersfield-Mopeco-Oil Junction, Oil Junction-Oil City, Exeter, Lindsay, Porterville, Corcoran, Hanford, Tulare, Visalia, Cut-ler-Wyeth, Reedley, Piedra, Calwa-Fresno-Hammond, Hammond-Belmont Ave., Merced, Riverbank-Oakdale, Stockton-Mormon, Sando-Antioch, Pittsburg, Port Chicago, Richmond, and Oakland.

First class trains moving against the current of traffic within

yard limits must move at restricted speed.

10. At following locations, between limits described, all trains and engines will move governed by automatic and/or interlocking signals, whose indications are superior to class and direction:

Kern Junction-Bakersfield-Landco-Oil Junction: Between Kern Junction tower, Signal 8912 west of Mopeco on First District and Oil Junction on the Porterville District.

Calwa-Fresno-Hammond: Between Signal No. 9931 east of Calwa, Signal No. 681 on Visalia District, and Signal No. 9985 at Fresno station; and, governing yard engines and trains to or from Fresno Interurban District between Signal No. 9985 at Fresno station, and Signal No. 10002 west end of Hammond.

Richmond: Between Signal 11881 at east end of Richmond yard Third District and Signal No. 12 on Oakland District.

Westward trains finding Signal 11881, Third District, in "Stop" position must stop and may at once proceed at restricted speed. This modifies Rule 830 (a).

11. Rule 97: In addition to the provisions thereof, on double track, with the current of traffic, the dispatcher may authorize the running of extra trains, except work extras, by clearance card, Form 902.

12. Rule 104 (A): The first paragraph is amended as follows: At meeting or passing points the employe attending the switch must not unlock derail or main track switch, nor station himself nearer to main track switch than the clearance point, and, when safe to do so, on opposite side of track, until expected train has been met or passed.

When complying with Rule S-89 (A), after lining and locking switch he must take position not nearer than clearance point, and, when safe to do so, on opposite side of track, until

inferior train enters siding.

13. Rule 204: In addition to the provisions thereof, additional copy of train orders and clearance cards shall be fur-

nished for delivery to rear brakemen.

14. Rule 210: In addition to the provisions thereof, no train will leave its initial station on any district, except at Ducor, Nos. 30 and 26 at Fresno and westward trains at Kern Jct. or where office is closed or not maintained, without receiving clearance card, Form 902, numbered and OK'd by the train dispatcher.

Bakersfield is the initial and terminal station for all trains

arriving and departing therefrom.

Enginemen must show train orders and clearance cards to firemen, and, when practicable, to head brakemen; conductors, when practicable, must show them to brakemen. Brakemen and firemen are required to read orders, see that the information on the clearance card corresponds with the train orders received and, if necessary, must ask for them, reminding conductors and enginemen of their contents when needful.

15. Rule 221: The second paragraph is abrogated.

Rule 221 (A) applies only to trains taking siding at stations where the train order signal is located between the siding

16. The use of retainers on trains descending grades will be left to the judgment of conductors and enginemen.

When retainers are used on a freight train, speed of such train must not exceed twenty miles per hour.

17. Rule 310: Following is list of structures:

Mile Post	Location	Description
1096.7 1166.4 1166.5 1169.3 1170.2 1171.0 1173.6 1190.5	Bridge A-1097 Bridge Ab-1167 Bridge Ac-1167 Bridge Ba-1170 Between Vine Hill and Muir Between Muir and Glen Frazer Between Glen Frazer and Christie Between Richmond and Ferry Point	Truss Bridge S. P. Bridge Highway Bridge Highway Bridge Tunnel No. 1 Tunnel No. 2 Tunnel No. 3 Tunnel No. 5

18. Rule 313: The presence of more than two men on either footboard of an engine, one on each side of the coupler, is prohibited.

Except in lead switching, or when more than one switch or derail is to be thrown, the presence of more than one man on the front end of an engine in direction of movement is prohibited.

Except in lead switching, employes must not ride between engines and cars, and must never do so while couplings are being made between engines and cars.

19. Rule 356: On passenger trains, conductor or brakeman shall pass through train not less frequently than once each forty-five minutes to safeguard the comfort of passengers.

California: Civil Code, Section 2188, provides:
"A passenger who refuses to pay his fare or conform to any lawful regulations of the carrier may be ejected from the vehicle by the carrier. But this must be done with as little violence as possible, and at any usual stopping place or near some dwelling house." Section 487 provides:

"If any passenger refuses to pay his fare or to exhibit or surrender his ticket when respectfully requested so to do, the conductor and employes of the corporation may put him and his baggage out of the cars, using no unnecessary force, at any usual stopping place, or near any dwelling house on stopping the train.

20. Rule 360 is modified as follows: Station announcements will be omitted between the hours of 10:00 p.m. and 6:00 a.m., when in the judgment of the conductor they are unnecessary, but should there be any passenger to detrain, a member of the

crew must inform such passenger or passengers. 21. Rule 382: Revenue passengers, and employes holding passes stamped "Good on Freight Trains," may be carried on freight trains, but only to and from stations where these trains

are required to stop.

22. Rule 632 is revised as follows: In case of bleeding, firm pressure should be made directly upon bleeding point by holding pad of gauze or any clean cloth with the hand gripped or pressed firmly until bleeding is under control, after which, without disturbing the pad, further pressure may be continued by means of a bandage snugly wound around the limb or body at seat of injury. Only when bleeding cannot be stopped in this manner should a cord or cloth twisted around limb with stick or other lever be used, and when used the pressure should be momentarily released every fifteen minutes.

23. Rule 711 is amended to read:

Interlocking and block signals, unless otherwise provided, do not affect the superiority of trains under the time table or train rules and do not dispense with the use or the observance of other signals whenever or wherever they may be required, except that indications of interlocking signals governing the use of routes within home signal limits of interlocking plants supersede the superiority of trains within such limits.

24. Rule 872: The second and third paragraphs are amended

to read:

When this test is made by inspectors, air brake clearance card, Form 1184, will be prepared by them and delivered to conductor and each engineman on head end of train, who must

have a copy before departing.

This test must also be made when changing crews or engine handling brakes upon any train, except helper engines attached or detached subsequent to such tests, in which case test shall be made as per Rule 875. A test of the train brakes is not necessary when detaching helper engines from the rear of passenger or freight trains, except where otherwise provided.

On passenger trains arriving at terminals where engine is not detached, train switched or angle cock closed, this test will be made in the following manner: The arriving engineman will, after stopping, make a full service application and leave brakes applied on train. Employes making inspection will examine each brake to see that it is applied, then signal for engineman to release and again examine train to see that each brake is released.

Rules 875-876: In making this test before descending heavy grades be governed as follows: When trains are brought to stop by the use of automatic air brakes, the brakes shall be released and when fully released on rear car an application must then be made to know that brakes are working through train and applied on rear car, when they shall be again released and when fully released and recharged on rear car, train may

25. Rules 10 (f) and 701: Red lights will be used in dwarf signals to indicate "Stop."
Rules 705 and 706: Where switch indicators are used, employes will be governed by indicator before fouling circuit or changing main track switch.

Indication displayed by switch indicators does not relieve

train or enginemen from protecting their train as provided for by the rules.

Dwarf headout signals located at end of sidings on double track at certain non-interlocked stations are track controlled. Their indication is normally proceed.

At certain non-continuous interlocked stations, signals are changed to track controlled during period interlocking plant is closed.

Under either such circumstances, if the indication of such signal is stop when train is ready to leave siding, main track switch should be opened and after waiting five minutes, train may proceed, protecting as provided by Rule 99.

When heading out through a spring switch, the same practice will govern except that after lead wheels have fouled circuit,

spring switch must be returned to normal.

SPEED REGULATIONS

26. The speed of passenger trains will ordinarily be that prescribed in the schedule; but in cases of delay, requiring greater speed in order to enable trains to make meeting points, or to secure connections, the speed may be so moderately increased above that prescribed in the schedule, as, in the judgment of the conductor and engineman in charge of the train, may be safe and prudent, due consideration being always given to condition of track and all the circumstances.

Enginemen of trains in which are dining or cafe cars will, during meal hours, regulate speed and manipulate air, rounding curves and making station stops so that train will move smoothly, without jar, and train conductors must observe that

this is done.

Maximum speed permitted through all yard and roundhouse turnouts and crossovers—10 MPH; all main track turnouts and crossovers-15 MPH; except as shown for spring switches.

Trains moving against the current of traffic on double track must not exceed twenty miles per hour around sharp curves, approaching and passing over spring switches, and where view

is obscure and use whistle freely.

Trains handling wrecking derricks, steam shovels, pile drivers or hoists must not exceed twenty-four miles per hour, (one mile in two minutes, thirty seconds), on any portion of the First, Second, Third, Oakland, Porterville and Visalia Districts, and fifteen miles per hour, (one mile in four minutes), on all other districts. This rule not applicable to machines mounted on flat cars with booms tied down.

Trains having dead engines in tow must observe the follow-

ing speed:

If dead engine has rods down or disconnected with one pair of drivers "swung" or suspended off rail, ten miles per hour (six minutes for each mile);

With rods down or disconnected, but with all drivers on rail, fifteen miles per hour (four minutes for each mile) With all rods up and connected, twenty miles per hour (three

minutes for each mile).

Locomotives operating under their own steam with all side rods in place and one main rod removed, must not be operated to exceed following speeds:

	20 MPH		25 MPH	35 MPH
	and Switch include types	Locomotives	Passenger : Mountain Type	Locomotives All Locomotives
040 060 080 260	2—6—2 2—8—0 2—8—2 2—8—4	2—10—0 2—10—2 2—10—4	Includes 482 484	Except Mountain Type Include 4-4-0 4-4-2 4-6-0 4-6-2 4-6-4

SPEED RESTRICTIONS

	P.	assenge	r	Freight		
LOCATION		Time M Min.	per ile Sec.	Miles per Hr.	Time M Min.	ilė
First District	95		38	55	1	0.5
Second District	95		38	55	î	05
Third District	95		38	55	ī	05
Dakland District	45	i	20	45	ī	20
Visalia District	50	ī	12	40	ī	30
Porterville-Orosi District	50	ī	12	35	ī	43
Arvin District	25	Ž	24	25	Ž	24
Oil City District	l			15	4	
Alpaugh District	l			10	6	
Laton District	1			12	Š	
Wahtoke District	30	2		30	ž	
Fresno Interurban District	15	4		15	4	
Oakdale District	20	3		20	3	

SPEED RESTRICTIONS

1	P	asseng	er	1	Freight	•
LOCATION	Miles	Time		Miles	Time	per
	Hr.	Min.	Sec.	Hr.	Min.	Sec.
FIRST DISTRICT Bakersfield M.P. 885.2 to 888.5. Curves M.P. 889.3 to 890.1. Curve M.P. 892.9 to 893.4. Corcoran M.P. 950.5 to 951.1. Curve M.P. 960.5 to 960.7. Hanford M.P. 967.0 to 968.3. Curves M.P. 968.3 to 969.5. Curve M.P. 973.7 to 973.9. Curve M.P. 975.5 to 975.3. Curve M.P. 975.5 to 975.3. S.P. Calwa Tower to Sun-Maid Tower.	20 50 80 30 55 20 50 65 50 40	3 1 2 1 3 1 1 	12 45 05 12 12 55 12 30	20 35 50 30 45 20 35 40 45 40	3 1 1 2 1 3 1 1 1 1	43 12 20 43 30 20 30 30
SECOND DISTRICT S.P. Sun-Maid Tower to M.P. 1001. Curve M.P. 1001.7 to 1002.1. Curve M.P. 1036.0 to 1036.3. Curve M.P. 1047.4 to 1047.9. Curve M.P. 1053.8 to 1054.1. Merced M.P. 1055.7 to 1057.1. Curves M.P. 1069.1 to 1070.5. Curve M.P. 1087.9 to 1088.1.	20 75 70 75 70 20 80 50	3 3 	48 51 51 48 45 12	20 45 50 50 45 20 50 40	3 1 1 1 1 3 1	20 12 12 20 12 20
THIRD DISTRICT Curve M.P. 1119.1 to 1119.6. M.P. 1119.6 to 1121.7 Br. B-1124 M.P. 1123.8 to 1123.9. Track M.P. 1124.0 to 1134.0. Track M.P. 1134.7 to 1136.4. Curve M.P. 1139.5 to 1139.8. Curve M.P. 1149.5 to 1145.4. Curve M.P. 1149.9 to 1150.1. Antioch M.P. 1151.8 to 1152.3. Pittsburgh M.P. 1155.4 to 1156.7. Curve M.P. 1161.6 to 1161.9. Curve M.P. 1161.6 to 1161.9. Port Chicago Crossing #2 west of	55 20 30 60 30 60 80 75 15 24 75 45	1 3 2 1 2 1 4 2	05 45 48 30 48 20	40 20 30 45 30 50 50 50 15 24 50 30	1 3 2 1 2 1 1 1 4 2 1 2	30 20 12 12 12 12
Port Chicago Crossing #2 west of depot, M.P. 1163.4 (11 PM-7 AM). Curve M.P. 1162.8 to 1164.0	30 70 75 45 40 35 40 50 45 50 45 50 60 60 45 30	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	51 48 20 30 43 30 12 20 12 30 12 48 	30 45 45 30 30 30 30 40 30 40 40 40 45 40 45 45 30	2 1 1 2 2 2 2 1 2 1 1 1 1 1 1 1 2	20 20 20 30 30 12 20 30 30 20 20
OAKLAND DISTRICT Track M.P. 0.0 to 0.5. Track M.P. 0.5 to 3.0. Track M.P. 3.0 to 10.2. Track M.P. 10.2 to 10.8. Track M.P. 10.8 to 10.9. VISALIA DISTRICT	20 45 20 15 5	3 1 3 4 12	20 	20 45 20 15	3 1 3 4 12	20
VISALIA DISTRICT Curve M.P. 5.8 to 6.0. Tulare M.P. 13.9 to 15.9. Curve M.P. 18.7 to 19.0. Visalia M.P. 24.5 to 26.0. Reedley M.P. 48.2 to 49.5. Parlier M.P. 53.1 to 53.6. Del Rey M.P. 58.4 to 58.8 Curve M.P. 62.2 to 62.7. PORTERVILLE-OROSI	30 20 30 20 20 20 24 24 30	2 3 2 3 3 2 2 2	30 30	25 20 25 20 20 20 24 24 25	2 3 2 3 3 2 2 2 2	24 30 30 24
DISTRICT Between Minkler and Wyeth Between Cutler and Wyeth Between Wyeth and Lindsay Lindsay, M.P. 45.9 to 47.1. Between Lindsay and Ducor Between Oil Junction and Landco	25 30 50 20 45 45	2 2 1 3 1	24 12 20 20	25 30 30 20 30 35	2 2 2 3 2 1	24 43
WAHTOKE DISTRICT Between Reedley and Wahtoke Between Wahtoke and Minkler Between Minkler and Piedra	25 30 30	2 2 2	24	25 30 30	2 2 2	24

MAXIMUM SPEED FOR ENGINES IN MINUTES AND SECONDS PER MILE

CLASS	Passe	enger	Freight and Mixed		Light	
702, 797-813, 990, 900-1600	n	Sec. 43 48 40 12	Min. 1 1 1	Sec. 43 05 05	Min. 1 1	Sec. 43 20 20
1950-1991, 3129-3158 3160, 4000 3400, 3450 3520-3534 3700	1	43 12 45 48	1 1 1 1	43 12 05 05	1 1 1	30 43 43 20 20

MAXIMUM SPEED FOR ENGINES IN MINUTES AND SECONDS PER MILE

CLASS	Passe	Passenger		Freight and Mixed		ht
Passenger Diesels (except Motor 7). Passenger Diesel 7. Passenger Diesels 158-168. Freight Diesels 100-157, 169-179. Motors M-130, M-131, M-180, M-181. Switch, no truck. All Other Classes All Classes, backing up.	0 0 0 1	Sec. 36 40 38 55 00	Min. 1 1 1	Sec. 12 12 12 43	Min. 1 1 1 1 1 1 1 1	Sec. 20 20 20 20 00 00 43

SPRING SWITCHES

27. In heading in or out over the following spring switches, trains or engines must not exceed indicated speed. Trailing movements through spring switches must not be reversed until switch has been properly lined. Trains finding signals, immediately in advance of facing point spring switches, in stop position, must examine points before proceeding.

SPEED LIMIT 10 MILES PER HOUR:

Landco	Switch at stem of wye
	SPEED LIMIT 15 MILES PER HOUR:
Bakersfield	West end long lead
Landco	East end siding (Porterville Orosi Dietriot)
Hanford	East end siding (Porterville-Orosi District)West end siding
Laton	East end siding
Coneio	East and west ends siding
Bowles	East and west ends siding
Hammond	West and west ends siding
Figurden	West end sidingWest end sidingEast and west ends siding
Madera	Foot and most and military
Marcod	West and west ends siding
Dissarbante	West end crossover west of depot West end of lead
Ruenham	Foot and wast and side
Torses	East and west ends sidingEast and west ends siding
Mormon	Et and west ends siding
Orward	East end siding
Canda	West end siding
Malabar	East end sidingWest end siding
Waitby	w est end siding
Vine Hill	East and west ends siding
Chairtie	West end south sidingEast and west end north siding
Christie	East and west end north siding
T	East end south siding
Luzon	East end siding
Gateley	East and west ends siding East and west ends siding
Kileem	East and west ends siding
_	SPEED LIMIT 25 MILES PER HOUR:
Jastro	East and west ends siding
Rosedale	East and west ends siding
Una	East and west ends siding
Shafter	East and west ends siding
Wasco	East and west ends sidingEast and west ends siding
Elmo	East and west ends siding
Kernell	East and west ends siding
Allensworth	East and west ends siding
Stoil	East and west ends siding
Angiola	East and west ends siding
Blanco	East and west ends siding
Corcoran	East and west ends siding
_	East and west ends siding East and west ends siding East end "transfer track"
Calwa	End of double track
Fresno	End of double track
Timondan	Frat and siding

Figarden East end siding Gregg East end siding Riverbank East end of lead Mormon East end of lead JUNCTION SWITCHES

28. Normal position of junction switches will leave unbroken rail as follows:

as follows:

Bakersfield for Eastward trains
Corcoran for First District.
Laton for First District.
Laton for First District.
Cutler for Visalia District.
Reedley for Visalia District.
Wyeth for Porterville District.
Landco for First District.
Minkler for Wahtoke District.
Calwa for Westward trains from First District.
Tulare Street, Fresno, for Eastward trains.
Hammond for Second District.
Bartonette for Fresno Interurban trains.
Cameo for Fresno Interurban trains.
Riverbank for Second and Third District trains.

FIRST DISTRICT

29. Double track with automatic signals between Kern Jct. and Bakersfield; trains will keep to right.

Automatic signals between Bakersfield and Calwa; at meeting points, train holding main track will not line switch for opposing train to enter siding, until such train has passed next opposing signal.

30. The use of engine whistle in making air test in Bakersfield yard is prohibited.

31. Rule 19: Between Kern Junction and Bakersfield and between Bakersfield and Oil Junction, trains to and from the joint track, in either direction, may use markers showing green to the front and sides and red to rear, as prescribed by the Southern Pacific rules.

SECOND DISTRICT

32. Double track with automatic signals between Calwa and Fresno; trains will keep to right.

Automatic signals between Fresno and Riverbank; at meeting points, train holding main track will not line switch for opposing train to enter siding, until such train has passed next opposing signal.

THIRD DISTRICT

33. Automatic signals between Riverbank and Richmond; at meeting points, train holding main track will not line switch for opposing train to enter siding, until such train has passed next opposing signal.

34. Rule 9: Headlight must be displayed and markers lighted through all tunnels between Vine Hill and Christie, and, in addition, both day and night, flagman and engine crew on all trains will have lighted red and white lanterns ready for immediate use

35. Helper engines must not be detached from trains in tunnels.

36. In switching at Hercules powder plant, cars must not be dropped into any of the spurs but must be carefully shoved to spot or coupling.

to spot or coupling.

In switching at Valley Spur, Muir, air must be coupled up and working; cars must not be dropped or kicked.

37. At Sando, westward train holding main track meeting eastward train must not pass preliminary board until signal 11503 assumes stop position.

OAKLAND DISTRICT

38. At crossing of O. T. track, 0.7 mile west, and of S. P. track, 1.1 mile west, and 1.8 mile west of Oakland Station, all trains must stop and send flagman ahead governed by the provisions of Rules 98 (A), (B), (C) and (D), and must not exceed a speed of ten miles per hour over crossing.

Engine bell must ring continuously while moving between Richmond and Oakland.

VISALIA DISTRICT

39. Unless otherwise directed, extra trains between Calwa and Corcoran will run via First District.

Train No. 30 will turn on wye arriving Corcoran,

PORTERVILLE DISTRICT

40. Southern Pacific time table and rules govern between Oil Jct. and Ducor.

Automatic signals between Landco and Oil Jct.

RAILROAD CROSSINGS AT GRADE AND INTERLOCKERS

			FIRST DISTRICT	
Location		Tracks Governed	Rules	Whistle Signals Additional to Rule 82
Kern Junction		Santa Fe double track connection to and from S. P. double track. Santa Fe main track to Sunset track. S. P. Goshen branch. East end West siding and West end storage track. Ice house track. Stock yard track.	Interlocker. Semi-automatic. Approach locking. Interlocker. Semi-automatic. Approach locking.	Crossover — 0 — 0 Main track to Sunset — 0 — West main to S. P. West main 0 — — Corral 000 — Ice House 00 — 0
Calwa	0.8 East	S. P. main track and entrance to yard.	Interlocker. Semi-automatic. Approach locking.	
			VISALIA DISTRICT	
Tulare		S. P. main line.	Interlocker. No distant signals. Approach locking.	
Visalia Peral Lacjac	1.5 West 0.3 East	S. P. Visalia branch. S. P. Porterville branch. S. P. Porterville branch.	Stop. Send flagman ahead. Stop. Rules 98, A, B, and C. Stop. Rules 98, A, B, and C.	
			PORTERVILLE DISTRICT	1
Hillmaid Exeter Porterville	0.1 West 0.3 West 0.8 East	Visalia Elec. Visalia Elec. P. N. E. Railway.	Stop. Rules 98, A, B, and C. Stop. Rules 98, A, B, and C. Stop. Rules 98, A, B, and C.	
			LATON DISTRICT	
Cornwell		S. P. Riverdale Branch.	Stop. Rules 98, A, B, and C.	
			SECOND DISTRICT	
Sunmaid Tower	0.5 West Calwa	S. P. Porterville branch. Double track Crossover and yard lead.	Interlocker. Semi-automatic. Approach locking.	Pike lead — 00 — Crossovers — 0 — 0 (Crossover — 0 — 0
Fresno Tower	0.4 East	S. P. Friant branch. Double track Crossovers, yard lead and Industry tracks.	Interlocker. Semi-automatic. Approach locking.	Pike lead — 00 — 6 Guggenhime No. 1 and Corral track 00 — 6 Gugenhime No. 2 00 — 0 Hill tracks 000 — 6
Kismet	0.3 West	S. P. Berenda branch and West switch to siding.	Interlocker. Semi-automatic. Approach locking.	Yard track — 0 —
Merced		Y. V. R. R. and West switch to siding.	Interlocker. Semi-automatic. Approach locking.	
			FRESNO INTERURBAN DISTRICT	
Cameo		S. P. Friant branch.	Stop. Send flagman ahead. Hand throw derails.	
			OAKDALE DISTRICT	
Oakdale		S. P. Oakdale branch.	Stop. Rules 98, A, B, and C.	
			THIRD DISTRICT	
Stockton	0.4 East	W. P. and S. P. main tracks and transfer tracks.	Interlocker. Semi-automatic. Approach locking.	S. P. No. transfer 00 —— S. P. So. transfer 000 —— W. P. transfer —— 0 W. P. main track connection 0 ——
Woodsbro Middle River Orwood	1.0 East 0.8 East	San Joaquin River Drawbridge. Drawbridge. Drawbridge, siding and wharf track.	Interlocker. Semi-automatic. Approach locking. Interlocker. Semi-automatic. Approach locking. Interlocker. Semi-automatic. Approach locking.	
		Why breing and Witter Ditte.	OAKLAND DISTRICT	Wharf track — 00 —
Berkeley, Golden Gate		S D Portrolov brough		
Tower Oakland	1.9 West 0.7 West	S. P. Berkeley branch. AT&SF, S. P., O. T. Ry., single slip switch	Interlocker. No distant signals. Approach locking. See Terminal Divn. Bulletin 370, Aug. 17, 1944.	
Oakland Oakland	0.7 West	crossings. O. T. Ry. interchange.	See special rule 38.	
Oakland	1.1 West	S. P. West Oakland connection. S. P. spur track to Gilmore Steel and Supply Company.	See special rule 38. See special rule 38.	

SIDINGS, SPURS AND FLAG STOPS NOT SHOWN ON FACE OF TIME TABLE

Location	Mile Posts	Car Capacity	Switch Connection	Flag Stops for Trains	Location	Mile Posts	Car Capacity	Switch Connection	Flag Stops
FIRST DISTRICT					VISALIA DISTRICT	Miles from			101 1141115
Mopeco	890.5	16	East & West			Corcoran			
Crome	899.5	32	West		Petri	16.9	58	East	
Ivy	909.8	3	East		Higby	21.8	10	East	
Palmo (Spur)	910.4 910.5	23	West East & West		Tokay Enson	42.3	30	East & West	25-30
Neufeld	914.6	6	East		Gilbert	46.7	7	East & West	
Pond	921.5	38	East		Mattei	64.2	2 miles	West	
Spa	938.3	16	East & West					11000	
Alpaugh	941.8	5 miles	From Stoil			A411 6			
Pitco	970.1	4	East		PORTERVILLE DISTRICT	Miles from Minkler			
SECOND DISTRICT		4			Twin Buttes	25.3	9	West	
	1040 0				Woodlake	33.5	2 miles	From Hillmaid	
Calpack	1048.6	61	East & West		Matchin	37.3	5	East	
Kadota	1052.1	75	East & West		List	40.6	20	West	
Cortez	1074.6	18	East & West		Cleary	44.5	14	West	
THIRD DISTRICT			9		Evans	44.8	1	West	
Lacto	1131.8	20	East & West		Taylor	45.2	9	East	No.
Werner	1139.0	28	East & West		Sierra Heights	48.5	16	East	
Bridgehead	1148.4	18	East & West		Gillette	50.4	16	East	
Nichols	1161.7	18	East		Strathmore	52.0	2 miles	East	
	Miles from				Denlin	52.6	30	West	
OAKLAND DISTRICT	Richmond				Adams	52.9	2 miles	East	
Malott	4.0	10	East & West		Mosian	54.5	32	East	
Fairmount Avenue	5.7	11	East		Lumer	60.9	61	East	
DAKDALE DISTRICT	Miles from Riverbank				Sunland Magnolia	61.4	1 mile	West	
Ladino	3.7	5	West		San Joaquin Cotton Compress	61.9	28	East & West	

LENGTH OF STEMS OF WYES

Location	Feet	Location	Feet
Bakersfield	456	Oakdale	391
Landco	1000		
Laton	337	Blume	292
Lanare	505	Oakland (old)	320
Porterville	1143	Oakland (new)	1800

CONDITIONAL FLAG STOPS

TO PICK UP REVENUE PASSENGERS			19,1	TO DISCHARGE REVENUE PASSENGERS			
Train	STOPS	PASSENGERS DESTINED	Train	STOPS	PASSENGERS FROM		
1	Empire and Madera	East of Bakersfield	2 1 23 62	Empire and Madera Any station Any station Corcoran, Shafter, Wasco	Richmond or West and connecting lines, Stockton Bakersfield or East Bakersfield or East Stockton or West		

A. J. STROBEL, General Watch Inspector, Topeka, Kansas

LOCAL WATCH INSPECTORS

WM. H. ZIEGLER. 210 Townsend St., San Francisco
LOWELL O. DIXON. 1809 Telegraph Ave., Oakland
OTTO A. POULSEN, 1317 MacDonald Ave., Richmond
W. R. STRIBLEY. 917 MacDonald Ave., Richmond
EUGENE MAYER. 605 - 2nd St., Antioch
CON MANTELE. 129 N. Sutter St., Stockton
MYRON M. HANEY. 911 Van Ness Ave., Fresno
D. L. HARTON. Corcoran
J. N. CHENEY. 408 Hopkins Bldg., Bakersfield
J. T. WILLIAMS. Bakersfield

BYRON A. COLVIN, Traveling Watch Inspector, Fresno

At	Calwa	[3rd,	7:00	a.m.	to 12:0	3:00 p.m. 1 p.m.
	Riverbank	{	3rd, 4th,	5:00 7:00	p.m. a.m.	to 7:00 to 5:00	p.m.



SANTA FE



Every employe should report promptly to his foreman, some member of the Safety Committee, or other proper person, all unsafe conditions or practices.

(See General Rules E and F. Book of Rules.)

