SACRAMENTO SUBDIVISION

FASTWARD

SOUTHERN PACIFIC COMPANY

(PACIFIC LINES)

TIME TABLE

FOR THE

SACRAMENTO AND SHASTA DIVISIONS





To Take Effect Wednesday, July 9, 1941, at 12:01 A. M.

PACIFIC STANDARD TIME (120th MERIDIAN)

For the government and information of employes only.

L. B. McDONALD,

C. F. DONNATIN,
Assistant General Manager.

W. B. KIRKLAND,
Superintendent of Transportation.

W. L. HACK,
Superintendent Sacramento Division.

E. F. NASSOIY, Superintendent Shasta Division.

| | | | EAS | TWARD | | | | | | | SACRAN | IENTO | SUBDI | VISION | | · · · · · · · · · · · · · · · · · · · | <i>_</i> | | | |
|------------------|-----------------|-----------------|-----------------|-----------------|---|---------------------------|---|---------------------------|--------------------------|-----------------|--------------------------------------|-----------------|---|------------------------|-----------------|---|------------------|---------------------|--------------------------------|----------------------------|
| | | | THI | RD CLASS | 3 | | | SE | COND CLA | ss | | **** | F | IRST CLAS | · | | | 1 | 買品 | Time Table No. 16 |
| eity of | 488 | 486 | 484 | 482 | 478 | 470 | 442 | 606 | 423 | 421 | 28 | 88 | 102 | 14 | 16 | 290 | 210 | 10 | Distance from San Francisco | July 9, 1941 |
| lings lengths | Freight | Freight | Freight | Freight | Freight | Portland Freight | Mdse. | Mixed | Freight | Freight | San Francisco Overland Limited | Challenger | Streamliner Oity of San Francisco | Pacific Limited | West Coast | Mixed | Sierra | Fast Mail | Dista San I | |
| | Leave Daily | Leave Daily Ex. Monday | Leave Daily Ex. Sunday and Monday | Leave Daily Ex. Sunday | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave ★ See Note | Leave Daily | Leave Daily | Leave Daily Ex. Sunday & Holidaye | Leave Daily | Leave Daily | | STATIONS |
| SKWO TIP | | | | | | 6.00 AM | | | | | 11.45PM | 11.20PM | 5.53 PM | 11.30AM | 10.00 AM | 1.20AM | 1.00 AM | 12.50M | 89.0 88.9 | TO-R SACRAMENTO |
| IYP | | | | | | | | | 11.20AM | 1.10 AM | 11.52 | 11.27 | 6.00 | 11.37 | 10.07 | 1.44 | 1.07 | 12.57 | 91.8 | ELVAS |
| WP | | | | | | | | | | | | | | | | | | | 93.5 | SWANSTON |
| th 92 P | | | | | | | | | | | 11.58 PM | 11.33 | 6.04 | 11.43 | 10.13 | 1.50 | 1.13 | 1.03 | 94.9 | BENALI |
| M 86 | | | | | | | | | | | 12.08 | 11.42 | 6.12 | 11.52AM | 10.22 | 2.02 | 1.22 | 1.12 | 102.8 | ANTELOPE |
| WO YP | 7.00 PM | 4.00 PM | 12.30PM | 12,30AM | 9.15AM | 6.45AM | 2.00 AM | | 11.50 AM | 1.50 AM | s 12.16 12.25 | s 11.50 | 6.18 | s 12.01 PM 12.09 | s 10.30 AM | s 2.10AM | s 1.30 1.38 | s 1.20 1.28 | 106.6 | TO-R ROSEVILLE |
| P | | - | | | | | | | | | | | | | | | f 1.48 | | 110.6 | ROCKLIN 9.6 |
| nits WP | 7.35 | 4.35 | 1.05 | 1.05 | | | | | | | 12.50 | 12.23 | 6.39 | f 12.35 | | | s 2.07 | 1.50 | 120.2 | TO NEWCASTLE |
| WP | | | | | | | | | | | 12.58 | 12.31 | 6.46 | f 12.45 | | | s 2.23 | 1.56 | 124.2 | AUBURN, NEVADA |
| P | | | | | | | | | | | 1.07 | 12.39 | 6.54 | 12.54 | | | 2.32 | 2.04 | 129.1 | BOWMAN 5.2 |
| w | | | | | | | | | | | 1.16 | 12.47 | 7.01 | 1.02 | | | 2.40 | 2.12 | 134.3 | EAST APPLEGA |
| P | | | | | | | | | | | 1.22 | 12.52 | 7.06 | f 1.08 | | | s 2.47 | 2.17 | 137.6 | N. E. MILLS |
| nits /P | 8.40 | 5.40 | 2.10 | 2.10 | | | | | | | 8 1.40 | s 1.07 | 7.17 | s 1.25 | | | 8 3.20 | 8 2.35 | 141.7 | TO-R COLFAX OAPE HORN |
| P | | | | | | | | | | | 1.53 | 1.20 | 7.26 | 1.37 | | | f 3.31 | 2.46 3.00 | 146.0 | TO GOLD RUN |
| VOYP Spur | 9.25 | 6.25 | 2.55 | 3.00 | | | | | | | 2.07 | 1.33 | 7.39 | 1.50 | | | s 3.45 f 3.56 | 3.09 | 152.2 156.8 | TOWLE |
| P_ | | | | | | | | | | | 2.18 | 1.44 | 7.49 | 2.00 | | | f 4.06 | 3.18 | 160.7 | MIDAS |
| P | | | · | | | | | | | | 2.42 | 2.07 | 8.07 | 2.18 | | | 4.16 | 3.27 | 164.8 | 4.1 KNAPP |
| WP | | | | | | | | | | | | | 0.01 | | | | s 4.18 | | 165.5 166.6 | BLUE CANON |
| mits WITP | 11.20 PM | 8.19 | 4.52 | 4.38 | | | | | | | 3.05 | 2.30 | 8.19 | f 2.37 | · | | s 4.38 | 3.40 | 171.8 | TO EMIGRANT GA |
| WITP | 11.20 | | | | | | | | | | 3.20 | 2.44 | 8.31 | 2.50 | | | f 4.52 | 3.52 | 177.9 | ORYSTAL LAK |
| WP | | | | | | | | | | | | | | f 2.56 | | | s 4.58 | | 180.3 | OISOO |
| WP | | | | | | - | | | | | 3.40 | 3.00 | 8.47 | 3.08 | | | 5.10 | 4.07 | 185.6 | TROY 6.5 |
| ТР | 1.10AM | 10.10 | 6.40 | 6.40 | | | | | | | 3.55 | 3.15 | 9.02 | f 3.22 | | | s 5.27 | 4.22 | 192.0 | TO NORDEN |
| 1P | | | | - | | | | | | | | | | | | | | | 196.8 198.2 | EDER 4.7 |
| WP | | | | | | | | | _ | | 4.15 | 3.35 | 9.21 | 3.42 | | | 5.47 | 4.42 | 202.9 | STANFORD 5.1 |
| mits)YP | 2.15 | 11.15PM | 7.45 | 7.45 | 1.7 | | | | | 2.10 | 4.30 | s 3,50 | 9.30 | s 4.00 | | | s 6.10 | s 5.00 | 208.0 | TO-R TRUCKEE |
| P | | | | | | | | | | | 4.47 | 4.07 | 9.44 | 4.17 | | | 6.30 | 5.17 | 218.1 | HINTON 4.3 |
| P | | | - | | | | | | | | 4.54 | 4.14 | 9.51 | 4.24 | | | f 6.40 | 5.24 | 222.4 | FLORISTON 10.0 VERDI |
| P | 3.15 | 12.15AM | 8.45 | 8.45 | | | | | | | 5.10 | 4.30 | 10.04 | 4.40 | | | s 7.00 | 5.39 s 6.00 | 232.4 | VERDI 10.5 RENO |
| P | | | - | | *************************************** | | | 6.50 PM | | | s 5.30 5.40 | 8 4.50 5:00 | s 10.25 | s 5.00 5.13 | ļ | | s 7.20 7.45 | s 6.00 6.15 | 242.9 | SPARKS (PSGR. ST |
| | | | | | | | | f 6.58 | | | | f | | s 5.20 | | | s 7.55 | s 6.25 AM | 245.5 | TO-RSPARKS (DSP.C |
| OTP | | | 1 | 9.30 AM | 1 | Arrive Daily | Arrive Daily | s 7.02 PM | Arrive Daily | Arrive Daily | | S 5.15 AN | A | s 5.25 PM Arrive Daily | | Arrive Daily Ex. Sunday | | S 6.25 Am | 246.2 | (154.9) |
| | | | | | | | | Ex. Sunday | | | | | | | | - | (7.00) 22.13 | (5.35) 27.74 | | Time over D |
| | (9.00) 15.24 | (9.00) 15.24 | (9.00) 15.24 | (9.00) 15.24 | (0.45) 23.47 | (0.45) 23.47 | (0.45) 23.47 | (0.12) 16.50 | (0.30) 29.60 | (0.40) 22,20 | (6.10) 25.12 | (5.55) 26.18 | (4.42) 32.96 | (5.55) 26.18 | (0.30) 35.20 | (0.50) 21.12 | | | | d, 26th and 29th of each m |

No. 102 is superior to ALL trains except No. 101.

First-class trains must clear the time of Nos. 101 and 102 not less than 10 minutes. Second and inferior class trains, extra trains and engines must clear the time of Nos. 101 and 102 not less than 15 minutes.

RULE 5. At Emigrant Gap—Time of first-class schedules applies at Passenger Station and time in train orders applies at siding.

No. 210 stop at Boca to exchange mail by locker.

Additional Stations:

Planehaven, M.P. 97.5 Walerga, M.P. 99.4 Lincoln Ave., Penryn, M.P. 115.5 Clipper Gap, M.P. 131.4

Magra, M.P. 148.5

Dutch Flat, M.P. 154.1 Alta, M.P. 156.0 Smart, M.P. 173.3 Yuba Pass, M.P. 176.1 Soda Springs, M.P. 190.4 Andover, M.P. 200.6

Boca, M.P. 216.3 Wickes, M.P. 221.9 Mystic, M.P. 225.5 Calvada, M.P. 228.5 Mogul, M.P. 235.7 Lawton, M.P. 237.1

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE PASSENGERS Receive or Discharge (Passengers to (or beyond) Passengers from (or beyond) At Train Receive or Discharge
Discharge Rev. Passengers
Receive and Discharge
Receive Revenue
Passengers
Receive Revenue
Passengers
Discharge
Thursdays
Sundays and Tuesdays
Tuesdays and Saturdays Sacramento Any Station 14 14 28 Alta Soda Springs Any Station Any Station Ogden 88 Any Station Sparks Auburn, Nev. St. Troy Andover Eder Dutch Flat Soda Springs 88 210 210 210 210 Berkeley

Any Station

Receive and Discharge

Any Station

| | | | | SAC | RAMEN | TO SU | BDIVIS | ION | | | | WES' | rward | | | | | | | | 3 |
|--|------------------------------------|------------------------|---|--|---|--------------------|-----------------|------------------------|--------------------------------------|--------------------------|----------------------------|-----------------|-----------------|-----------------|--------------------|----------|-------------------|-----------------------------------|---|----------------------------------|--|
| Consolts of | Time Table No. 163 | | | | | 1 | FIRST CLA | ss | | | SECON | D CLASS | | THIR | D CLASS | | ★No | o. 101 leav | ve and arı | ive 4th, | 7th, 10th |
| Capacity of Sidings in Car Lengths | July 9, 1941 | rom | 101 | 289 | 295 | 21 | 15 | 9 | 27 | 87 | 605 | 420 | 481 | 483 | 471 | | 11 | | , 22nd, 25th | • | |
| Car Lengtus | | Distance fro Sparks | Streamliner City of San Francisco | Sierra | Sierra | Pacific Limited | West Coast | Fast Mail | San Francisco Overland Limited | 1 1 | Mixed | Freight | Freight | Freight | Oakland Freight | | and No. No. | 102 is su | D-71, 72, 101 is super perior to | S-72, 8 ior to Al ALL trai | 5, 86, 87, LL trains; ins except |
| | STATIONS | | Arrive *See Note | Arrive Daily Ex. Sundays and Holidays | Arrive Sundays and Holidays | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily Ex. Sunday | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | | Fi | irst-class t | trains must 102 not les | | |
| BKWO ITP | (TO-R SACRAMENTO | 156.4 | s 7.10A | | | s 6.10PM | s 7.10P | 8 1.55A | s 3.55A | s 4.40AM | | | | | 5.45 Pf | n e | Seco | ond and | inferior cl | ass trai | ins, extra |
| S IAL | ELVAS | 153.5 | 7.02 | 3.01 | 3.21 | 6.00 | 6.55 | 1.45 | 3.45 | 4.30 | | 9.10P | | | 5.30 | | Nos | . 101 and | 102 not less | than 15 | 5 minutes. |
| WP WP | SWANSTON | 151.8 | | f | f | | | | | | | | | | | | Pass | ULE 5. A | At Loomis- | -Time a | applies at |
| South 92 M 86 | BENALI | 150.4 | 6.58 | 2.54 | 3.14 | 5.52 | 6.41 | 1.39 | 3.39 | 4.24 | • | | | | | | At | t Emigran | nt Gap—T lies at Pass | ime of t | first-class |
| ġ(M 60 P | ANTELOPE | 142.5 | 6.50 | 2.46 | 3.06 | 5.43 | 6.33 | 1.30 | 3.30 | 4.15 | | | | | | | time | in train o | orders appl | ies at sid | ding. |
| BKWO TYP | TO-R ROSEVILLE | 138.7 | 6.44 | s 2:37 s 2:30 | s 2.57 | 5.35 s 5.27 | 6.25 PM | s 1:20 s 1:10 | 3.20 3.10 | 4.05 8 3.55 | | 8.30 PM | 11.00 AN | 3.30AN | 5.00 PM | 4 | W east | estward to | rains receiv as from Loc | ing order | rs moving Newcastle |
| P | ROCKLIN 3.3 | 134.7 | | | | | | | 2.55 | f | | | | | | | on N | o. 1 track. | , must not p vcastle unt | ass east | crossover |
| 83 P | TO LOOMIS | 131.4 | 6.34 | s 2.14 | s 2.34 | 5.13 | | 12.58 | 2.44 | f 3.33 | | | | | | | on N | Vo.1 track | t have arri | ved, and | eastward |
| 49 P | PENRYN 3.0 | 128.7 | | f 2.07 | f 2.27 | | | | 2.36 | f 3.24 | | | | | <u></u> | | to N | Vewcastle. | zed to use I proceed o | n No. 1 | track to |
| Yard Limits 59 WP | TO NEWCASTLE | 125.7 | 6.24 | s 2.00 | s 2.20 | f 5.01 | | 12.47 | 2.27 | f 3.15 | | | 10.10 | 2.40 | | <u> </u> | New | castle. | r switch, | | |
| 52 WP | FLINT | 121.7 | Editate Comment | | | | | | | | | | | | | | cross | estward t sover swit | rains must ch at Newo | stop eas astle unl | st of east less train- |
| | TO AUBURN | 120.8 | 6.15 | s 1.48 | s 2.08 | f 4.51 | ļ | 12.37 | 2.12 | f 3.02 | | | | | | | orde | r signal in | dicates "p | roceed." | , |
| M 90 P P No Siding | BOWMAN 2.5 | 116.9 | 6.08 | 1.37 | 1.57 | 4.43 | - | 12.29 | 2.00 | f 2.50 | | | | | | | exch | o. 27 stop ange mail | at the follow locker: | owing st Alta, Du | tations to utch Flat. |
| 51 P | OLIPPER GAP | 114.4 | | ļ | | | ļ | 10.10 | | f | | | | | | | N | o. 21 stop | at Boca w | hen requ | uested by |
| Spur P 60 | WEST APPLEGATE | 111.4 | 5.58 | f 1.25 | f 1.45 | 4.32 | | 12.18 | 1.44 | f 2.36 | | | | | | | post | al clerk to | o dispatch educe speed | register | ed postal |
| Yard Limits | N. E. MILLS TO-R COLFAX | 108.2 | 5.52 | f 1.17 | f 1.37 s 1.25 | 4.25 s 4.15 | - | 12.12 s 12.02AM | 1.35 s 1.20 | f 2.27 | | | 8.45 | 1.20 | | | sary | , at Nord | en and Au | burn for | mail ex- |
| BKWYP C57 P | OAPE HORN | 103.2 | 5.43 5.34 | s 1.05 | 1.12 | 4.03 | | 11.50PM | | 1.56 | | | 0.15 | | | | Chan | igo. | | | |
| 67 WOYP | TO GOLD RUN | 92.7 | 5.23 | f 12.39 | f 12.59 | 3.50 | - | 11.37 | 12.51 | f 1.43 | | | 8.10 | 12.40AM | | | | ADDIT | TIONAL S | TATION | ıs |
| P Spur 5 | TOWLE | 88.1 | 5.15 | f 12.27 | f 12.47 | 3.41 | | 11.28 | 12.40 | f 1.30 | | | | | | | | | | | |
| M 82 P | MIDAS | 84.2 | 5.08 | - | f 12.37 | 3.33 | | 11.20 | 12.30 | f 1.20 | | | | | | | Mog | ul | | N | A.P. 235.7 |
| M 76 WP | 4.1 KNAPP | 80.1 | 5.00 | 12.07 PM | | 3.24 | | 11.12 | 12.20 | 1.10 | | | | | | | Mys | tic | | N | M.P. 225.5 |
| Yard Limits M 76 WITP | TO EMIGRANT GAP | 74.1 | 4.49 | f 11.54AM | *************************************** | 3.12 | | 11.00 | - | f12.56 | | | 6.30 | 11.00°M | | | Wick | ces | • | N | I.P. 221.9 |
| Summer 79 P | YUBA PASS | 69.8 | | 11.43 | | 3.03 | | 10.52 | 11.57PW | 12.46 | | | | | | | Soda | Springs. | | | I.P. 200.6 I.P. 190.4 |
| M 84 WP | ORYSTAL LAKE | 68.0 | 4.36 | 11.39 | 11.59 AM | 2.58 | | 10.48 | 11.53 | 12.41 | | | | | | | Sma | rt | | N | M.P. 173.3 |
| P | OISOO | 65.6 | | f11.34 | f 11.54 | | | | 11.47 | f12.36 | | | | | | | Blue | Canon | | $\cdots \{ {f N}$ | M.P. 165.5 M.P. 166.6 |
| M 60 WP Summer 71 | TROY | 60.3 | 4.22 | 11.21 | 11.41 | 2.43 | | 10.33 | 11.35 | 12.23 | | | | | E-4:: | | | | | | |
| E BKWITP | TO NORDEN | 53.8 | 4.11 | s 11.05 | s 11.25 | 2.30 | | 10.20 | 11.20 | 9 12.08 AM | | | 5.00 | 9.30 | | | Mag | га | | M | M.P. 148.5 |
| P(Upper) 62 (Lower) 80 | SUMMIT | 52.9 | | | | | | | | | | | | | | | Wale | rga | | M | M.P. 99.4 |
| 88 P | DONNER 2,1 | 49.8 | 4.01 | 10.52 | 11.12 | 2.18 | | 10.10 | 11.05 | 11.53PM | | | | | | | 1 1811 | cuaven | | IV. | 1.1. 31.3 |
| | EDER 4.7 | 47.7 | | | | | | | | | | | | | | | | ADDITIONA | L FLAG STO | S TO REC | EIVE |
| M 68 WP | STANFORD 5.1 | 43.0 | 3.48 | 10.38 | 10.58 | 2.02 | | 9.56 | 10.45 | 11.37 | | | | 0.00 | | | | | SCHARGE PA | | |
| Yard Limits BKWOYP | TO-R TRUCKEE | 37.9 | | - | s 10.47 | s 1.50 | | 8 9.45 | s 10.30 | 811.25 | | | 3.39 | 8.00 | | | Train | At | Receive or | to (or | rs Passengers from (or |
| 47 P | BOCA 1.8 | 29.7 | | · | f 10.29 | 1.32 | | 9.28 | · | f11.00 | | | | | | | | Norder | Discharge | beyond) | |
| M 105 P | HINTON 4.3 | 27.9 | 3.24 | 10.05 | 10.25 | 1.29 | | 9.25 | 9.49 | 10.56 | | | | | | | 21 | Norden | Receive | Sacra- mento | |
| M 130 P | 9.9 | 23.6 | 3.17 | · | f 10.18 | 1.22 | | 9.18 | 9.40 | f 10.48 | | | | | | | 21 | Any Station | Discharge Revenue | | Sparks |
| 2 P | VERDI 10.4 | 13.7 | 3.02 | *************************************** | f 10.02 | 1.07 | | 9.03 8.47 8 8.37 | | 10.10 10.10 8 9.53 | s 6.50 PM | | | | | | 289 | Soda Spring Blue Canon Dutch Flat | Passengers | | |
| Maria de la compania del compania de la compania de la compania del compania de la compania del compania de la compania de la compania de la compania del compania de la compania del compania d | RENO 2.6 SPARKS (PSGR, STA.) | 3.3 0.7 | s 2.46 | | s 9.45 s 9.28 | s 12.50 | | 8 8.37 | s 8.52 | 8 9.53 8 9.45 | f 6.40 | | | | | | 289 295 87 | Dutch Flat | | | |
| TE OTP | TO-RSPARKS(DSP.OFF.) | 0.7 | 2.40 AM | \ | | 12.30PM | | 8.27 PM | 8.40PM | | 6.30 PM | | 1.30AM | 6.00 PM | | | 289 295 87 | Any Station | Discharge | | Sparks |
| OTP | (156.4) | V. U | Leave *See Note | Leave Daily Ex. Sundays and Holidays | | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily Ex. Sunday | Leave Daily | Leave Daily | Leave Daily | Leave Daily | | 27 | Any Station | Passengers | Sacra- mento | ł |
| | Time over District | | (4.30) 34.76 | (6.05) 25.71 | (6.05) 25.71 | (5.40) 27.63 | (0.45) 23.60 | (5.28) 28.61 | (7.15) 21.57 | (7.00) 22.34 | (0.20) 9.90 | (0.40) 22.20 | (9.30) 14.51 | (9.30) 14.51 | (0.45) 23.60 | | 27 | Any Station | Discharge | | Reno |

| Capacity of Sidings in Car Lengths | PM | 75.6 80.7 83.2 | Time Table No. 163 July 9, 1941 STATIONS |
|--|-----------------------------|----------------------|--|
| Capacity of Sidings in Car Lengths Leave Daily Freight Leave Daily Freight Leave Daily Leave Daily Freight Fr | West Coast Leave Daily PM | 75.6 80.7 83.2 | July 9, 1941 |
| Sidings in Car Lengths Leave Daily Freight | Leave Daily | 75.6 80.7 83.2 | |
| Yard Limits S.45AM | PM | 75.6 80.7 83.2 | STATIONS |
| No. of the second sec | | 80.7 | |
| 105 P 5.55 11.37 11.17 9.24 8.37 8.00 | | 83.2 | TO-R DAVIS |
| 17 | | 1 | MERRITT 2.5 |
| | | 11 | MULLEN 1.7 |
| Yard Limits 38 BKWIP 6.05 811.50 11.23 9.31 8.43 8.05 | | 84.9 | TO-R WOODLAND S. N. R. R. Crossing |
| 41 P 5.20 6.14 11.57PM 11.29 9.37 8.49 8.11 | | 89.9 | TO YOLO |
| 31 P 5.45 6.23 12.03AM 11.36 9.43 8.55 8.17 | • | 95.8 | ZAMORA 2.2 |
| 19 P | | 98.0 | BRETONA 5.2 |
| 31 WP 6.15 6.35 12.11 11.45 9.51 9.03 8.25 | | 103.2 | DUNNIGAN 3.2 |
| 48 P | | 106.4 | HERSHEY |
| 81 112 YP 6.35 6.43 12.17 11.51 9.57 9.09 8.31 | | 108.3 | HARRINGTON 5.2 |
| 42 P 6.52 6.52 f 12.23 11.57 PM 10.03 9.15 8.37 | | 113.5 | TO ARBUCKLE |
| 31 P 6.59 | | 117.6 | GENEVRA 6.6 |
| 48 P 8.00 7.10 s12.43 12.09 M 10.15 9.26 8.48 | | 124.2 | TO WILLIAMS |
| 43 P 7.18 12.49 12.14 10.21 9.31 8.53 | | 129.1 | CORTENA 3.9 TO MAXWELL |
| 56 WP 7.25 f12.54 12.19 10.25 9.35 8.57 | | 133.0 | 5.3 |
| 39 P 9.31 1.00 12.26 10.31 9.41 9.03 | | 138.3 | DELAVAN 3.8 NORMAN |
| 7.40 | | 142.1 | NORMAN 2.2 LOGANDALE |
| 32 P Tard Limits 7.53 S 1.25 12.40 f 10.47 f 9.53 9.16 | | 149.9 | TO-R WILLOWS |
| 60 BKWOYP | | 156.8 | ARTOIS |
| 44 P | | 160.7 | 3.9 GRAPIT |
| 49 | · | 162.0 | GREENWOOD |
| 34 P 8 8.26 s 1,52 12.58 11.07 10.12 9.33 | | 165.4 | TO-R ORLAND |
| | | 167.0 | 1.6 WYO |
| 8.30 1.54 28 P 2.01 1.08 11.17 10.21 9.41 | | 173.4 | KIRKWOOD |
| 28 F 42 P 8.58 8 2.15 1.15 11.25 10.28 9.47 | , | 178.5 | TO CORNING |
| 42 F 44 P | | 181.6 | RICHFIELD |
| 7.50 PM 11.25 AM 9.19 3.25 AM 2.25 1.23 11.35 10.38 9.55 | 1.40 | PM 186.3 | R TEHAMA |

RULE 5. At Tehama, schedule time and time in train orders apply at the junction switch.

Arrive Daily Ex. Sunday

Trains meeting at Tehama: If eastward train holds main track, it should not pass overlap post located 2475 feet east of junction switch until westward train has arrived, to avoid "stop" signal indication at Gerber for westward train.

No. 20 not exceed 25 MPH passing Richfield Sundays.

Gerber Yard BKWOYP

Additional Stations:

Arrive Daily

(3.45) 30.08

9.30 AM

3,35 AM

Arrive Daily

(0.10) 12.60

8.00 PM

Arrive Daily

(0.10) 12.60

11.35 AM

Arrive Daily

(0.10) 12.60

Dufour, M.P. 92.1 Delphos, M.P. 126.8 Riz, M.P. 146.0

| | ADDITI | ONAL FLAG STOPS TO | RECEIVE OR DISCHARGE | PASSENGERS |
|-------|---|----------------------|---------------------------|-----------------------------|
| Train | At | Receive or Discharge | Passengers to (or beyond) | Passengers from (or beyond) |
| 8 | Any Station | Receive | Black Butte | |
| 18 | Woodland Williams Orland Corning | Discharge | | Davis |
| | | | | |
| | | | | |

s 1.50 PM

Arrive Daily

(0.10) 12.60

TO-R GERBER

(112.8)

.....Time over District...... Average Speed per Hour.

Arrive Daily

(2.15) 50.13

s 2.35 AM s 1.30 AM s 11.40 PM s 10.45 PM s 10.00 PM

Arrive Daily

(2.23) 47.33

Arrive Daily

(2.20) 48.34

Arrive Daily

Arrive Daily

RULE 5. At Tehama, schedule time and time in train orders apply at the junction switch.

(2.35) 43.66

Trains meeting at Tehama: If eastward train holds main track, it should not pass overlap post located 2475 feet east of junction switch until westward train has arrived, to avoid "stop" signal indication at Gerber for westward train.

(2.20) 48.34

Time over District...

No. 19 reduce speed to 10 MPH at Orland to permit picking up U. S. mail.

Additional Stations:

(2.13) 50.89

> Dufour, M.P. 92.1 Delphos, M.P. 126.8 Riz, M.P. 146.0

| | ADDITIO | NAL FLAG STOPS TO R | ECEIVE OR DISCHARGE F | PASSENGERS |
|----------------|--------------------------------|-------------------------------|---------------------------|-----------------------------|
| Train | At | Receive or Discharge | Passengers to (or beyond) | Passengers from (or beyond) |
| 291 7 17 | Dufour Arbuckle Arbuckle | Receive Receive Receive | Davis Berkeley | |
| | | | | 1 |
| | | | | |

(3.25) 33.01

(0.08) 15.75

| 6 | | | | EASTW. | ARD | | | SA | CRAMENTO SUBDIV | ISIO | N | | WES' | rward | | |
|--|-----------------------------|-----------------------------|-----------------|-----------------|-----------------|------------------|---------------------------------------|--------------------------------|---|-------------------------|------------------|--------------------------------|-----------------|-----------------|--------------------------------|-----------------------------|
| | THIRD | CLASS | SE | COND CLA | ss | FIRST CLAS | ss | | | | FIRST CLASS | | THIRD | CLASS | FO | URTH CLASS |
| Capacity of Sidings in Car Lengths | 502 Local Freight | 500 Local Freight | 498 Freight | 496 Manifest | 494 Freight | 16 West Coast | 290 Mixed | Distance from San Francisco | Time Table No. 163 July 9, 1941 | Distance from Tehama | 15 West Coast | 495 Freight | 497 Manifest | 499 Freight | 501 Local Freight | 503 Local Freight |
| | Leave Daily Ex. Sundays | Leave Daily Ex. Sundays | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily Ex. Sundays and Holidays | ш ш | STATIONS | Ι. | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily Ex. Sundays | Arrive Daily Ex. Sundays |
| Roseville yd. BKWOTYP | | 1.00 AM | 4.05 PM | 8.05 AM | 12.05 AM | 10.30 AM | 2.10AM | 106.6 | TO-R ROSEVILLE | 105.1 | s 6.22 PM | 3.40AM | 11.40 AM | 7.40 PM | | 11.20PM |
| 05 P | | 1.25 | 4.20 | 8.20 | 12.20 | 10.43 | 2.35 | 112.8 | WHITNEY 4.2 | 98.9 | 6.10 | 3.26 | 11.26 | 7.26 | | 10.55 |
| 14 WP | | 2.45 | 4.28 | 8.28 | 12.28 | s 10.49 | s 2.45 | 117.0 | TO LINCOLN | 94.7 | s 6.03 | 3.18 | 11.18 | 7.18 | | 10.45 |
| 34 P | | | , | | | | | 121.0 | EWING | 90.7 | | | | | | |
| 01 P | | 3.09 | 4.37 | 8.37 | 12.37 | 10.57 | 2.58 | 122.1 | BROOK 2.7 | 89.6 | 5.52 | 3.09 | 11.09 | 7.09 | · | 9.20 |
| 29 | | | | | | 11.01 | f 3.04 | 124.8 | SHERIDAN 3.3 | 86.9 | 5.48 | 3.04 | 11.01 | 7.04 | | 9.10 |
| 30 WP | | 3.45 | 4.48 | 8.48 | 12.48 | f 11.07 | s 3.10 | 128.1 | TO WHEATLAND 6.1 | 83.6 | f 5.42 | 2.57 | 10.55 | 6.57 | | 8.55 |
| 96 P | | 4.00 | 4.59 | 8.59 | 12.59 | 11.15 | 3.20 | 134.2 | OSTROM 5.6 | 77.5 | 5.32 | 2.46 | 10.44 | 6.46 | <u> </u> | 8.20 |
| | | : | | | | | _ 2 22 | 139.8 | DANTONI JOT. | 71.9 | | | | | | |
| BKW OIYP | | 5.45 | 5.22 | 9.12 | 1.12 | s 11.35 | 8 3.33 4.00 | 140.8 | TO-R MARYSVILLE | 70.9 | s 5.22 | 2.34 | 10.32 | 6.34 | | 8.00 |
| | | | | | | : | | 141.8 | W. P. R. R. Crossing 2.9 | 69.9 | | | | | | |
| 6 WP | | 5.55 | 5.32 | 9.22 | 1.22 | 11.42 | 4.08 | 144.7 | BERG 3.0 | 67.0 | 5.07 | 2.24 | 10.24 | 6.24 | | 6.24 |
| 8 | | 6.10 | 5.38 | 9.28 | 1.28 | 11.46 | 4.13 | 147.7 | LOMO 2,1 | 64.0 | 5.03 | 2.18 | 10.18 | 6.18 | | 6.05 |
| 6 | | | | | | | - | 149.8 | SUNSET | 61.9 | | | | | | |
| 8 IP | | 6.30 | 5.47 | 9.35 | 1.35 | f 11.53AN | s 4.23 | 151.5 | TO LIVE OAK S. N. R. R. Crossing | 60.2 | s 4.57 | 2.11 | 10.11 | 6.11 | | 5.47 |
| 0 P | | 7.10 | 5.59 | 9.47 | 1.47 | s 12.02 PM | s 4.35 | 158.0 | TO GRIDLEY | 53.7 | s 4.47 | 1.59 | 9.59 | 5.59 | | 5.30 |
| 3 WBP | 10.00 AM | 7.20 AM | 6.10 | 9.53 | 1.53 | f 12.11 | s 4.50 | 161.4 | TO BIGGS | 50.3 | s 4.39 | 1.53 | 9.53 | 5.53 | 4.55 PM | 5.00 PM |
| 4 P | 10.20 | -,.,- | 6.25 | 10.04 | 2.04 | s 12.22 | f 5.02 | 167.4 | RIOHVALE | 44.3 | s 4.28 | 1.40 | 9.40 | 5.40 | 4.28 | |
| 6 P | 10.40 | | 6.35 | 10.11 | 2.11 | 12.28 | f 5.10 | 171.5 | NELSON 6.6 | 40.2 | f 4.21 | 1.33 | 9.33 | 5.33 | 4.10 | |
| 3 P | 11.05 | | 6.47 | 10.23 | 2.23 | f 12.39 | f 5.23 | 178.1 | TO DURHAM | 33.6 | s 4.11 | 1.21 | 9.21 | 5.21 | 3.50 | |
| ard Limits SKWOYP | 11.25 AM | i | 6.59 | 10.34 | 2.34 | s 12.55 | s 5.35 6.00 | 184.2 | S. N. R. R. Crossing TO-R OHICO 7.1 | 27.5 | s 4.00 | 1.09 | 9.09 | 5.09 | 3.30 PM | |
| 28 P | | | 7.12 | 10.47 | 2.47 | 1.06 | 6.12 | 191.3 | NORD 2.3 | 20.4 | 3.42 | 12.55 | 8.55 | 4.55 | | |
| 05 P | | i | 7.16 | 10.51 | 2.51 | 1.09 | 6.16 | 193.6 | ANITA | 18.1 | 3.39 | 12.51 | 8.51 | 4.51 | | |
| 17 | : | | | | | | | 196.0 | OANA 7.0 | 15.7 | | | | | | |
| 10 W. | | | 7.32 | 11.07 | 3.07 | f 1.23 | f 6.32 | 203.0 | VINA | 8.7 | f 3.26 | 12.35 | 8.35 | 4.35 | | |
| 5 | | | | | | | | 204.6 | COPELAND 5.1 | 7.1 | | - Professional Control Control | | | | |
| 45 P | | | 7.44 | 11.19 | 3.19 | f 1.34 | f 6.45 | 209.7 | TO LOS MOLINOS | 2.0 | f 3.15 | 12.23 | 8.23 | 4.23 | | |
| 10 YP | | : | 7.50PM | 11.25AM | 3.25 AM | 1.40 PM | B 6.50AM | 211.7 | R TEHAMA | 0.0 | 3.09PM | 12.13AM | 8.13AM | 4.13PM | | |
| : | Arrive Daily Ex. Sundays | Arrive Daily Ex. Sundays | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily Ex. Sundays and Holidays | | (105.1) | | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily Ex. Sundays | Leave Daily Ex. Sundays |
| | (1.25) 16.09 | (6.20) 8.65 | (3.45) 28.03 | (3.20) 31.53 | (3.20) 31.53 | (3.10) 33.19 | (4.40) 22,52 | | Average Speed per Hour | | (3.13) 32.67 | (3.27) 30.46 | (3.27) 30.46 | (3.27) 30.46 | 1.25) 16.09 | (6.20) 8.65 |

RULE 5. At Roseville, schedule time and train orders for eastward trains on Roseville-Tehama line, apply at west switch of crossover, leading from No. 2 to No. 1 tracks, 400 feet west of Lincoln Street crossing.

At Tehama, schedule time and time in train orders apply at the Junction Switch.

Trains meeting at Tehama: If eastward train holds main track, it should not pass overlap post located 2475 feet east of junction switch until westward train has arrived, to avoid "stop" signal indication at Gerber for westward train.

No. 15 Stop at Sheridan when necessary for U.S. Mail or newspapers.

| | ADDITION | NAL FLAG STOPS TO I | RECEIVE OR DISCHARGE | PASSENGERS |
|-------|----------|----------------------|---------------------------|-----------------------------|
| Train | At | Receive or Discharge | Passengers to (or beyond) | Passengers from (or beyond) |
| 16 | Sheridan | Sundays & Holidays | | |
| | | | - | |

Additional Stations:

Clayton, M. P. 118.4

Jester, M. P. 126.0 Fagan, M. P. 155.9
Rupert Spur, M. P. 138.9 Riceton, M. P. 164.1
Binney Junction Tower, M. P. 141.8 Faulkner, M. P. 181.9

Sullivan, M. P. 146.4 Gimbal, M. P. 189.1

| | <u> </u> | | | EAST | rward | | | | | | R | EDDING SUBDIV | ISION | | | | | WESTW | /ARD | • | | 7 |
|-----------|---------------------|-------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|--|---------------|-----------------|-----------------|------------------|-----------------|-----------------|---|-----------------|-----------------|-----------------|
| | | SECON | CLA | ss | | | FIRST | CLASS | | | 1 | | 1 | 1 | | FIRST | CLASS | | *************************************** | <u> </u> | HIRD CLA | 155 |
| | | 6 | 20 | 634 | 18 | 12 | 24 | 16 | 20 | 8 | from reigeo gville | Time Table No. 10 | 3 8 | 23 | 11 | 17 | 15 | 19 | 7 | 637 | 639 | 641 |
| Bid | icity of lngs in | Ma | ifest | Manifest | Oregonian | Beaver | Cascade | West Coast | Klamath | Shasta | tance f Franc Marys | JULY 9, 1941 | Distance from | Cascade | Beaver | Oregonian | West Coast | Klamath | Shasta | Manifest | Manifest | Manifest |
| Car | Lengths | Leav | Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Loave Daily | Leave Daily | Leave Daily | Dista San via J | STATIONS | Dist | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily |
| T Set | | 9 | 35 AM | 12.15AM | 11.50PM | 10.55 PM | 10.10PM | 2.00PM | 2.50AM | 1.45 AM | 213,8 | (TO-R GERBER | 108.3 | s 8,20AM | s 9.05 AM | s 2.00 PM | s 2.50PM | s 2.20AM | s 2.50 AM | 10.35AM | 6.35PM | 4.00AM |
| Par Ser | BKW OYP | | | | | | | | | | 215.8 | PROBERTA | 106.3 | | | | 2.00 | 2.20 | | 10.55 | 0.55 | 1.00 |
| | 07 P | 9 | 47 | 12.28 | 11.58PM | 11.04 | 10.17 | 2.09 | 2.58 | 1.53 | 218.9 | RAWSON | 103.2 | 8.11 | 8.57 | 1.51 | 2.40 | 2.10 | 2.42 | 10.27 | 6.26 | 3.50 |
| Yar | Limits 56 P | 9 | 56 | 12.38 | f 12.05 AM | 11.11 | 10.23 | s 2.19 | s 3.09 | 2.01 | 223,4 | TO RED BLUFF | 98.7 | 8.04 | 8.51 | s 1.42 | s 2.32 | s 2.01 | s 2.36 | 10.19 | 6.18 | 3.41 |
| | 02 P | 9 | 58 | 12.40 | 12.07 | 11.13 | 10.25 | 2.26 | 3.11 | 2.05 | 224.5 | GLADE | 97.6 | 8.02 | 8.49 | 1.38 | 2.26 | 1.56 | 2.34 | 10.17 | 6.16 | 3.39 |
| | 06 P | 10 | 09 | 12.51 | 12.13 | 11.20 | 10.31 | 2.34 | 3.18 | 2.12 | 228,9 | BLUNT | 93.2 | 7.57 | 8.44 | 1.33 | 2.21 | 1.50 | 2.28 | 10.09 | 6.09 | 3.32 |
| | 79 P | 10 | 20 | 1.03 | 12.19 | 11.26 | 10.37 | 2.40 | 3.24 | 2.22 | 233.6 | HOOKER | 88.5 | 7.51 | 8.38 | 1.27 | 2.15 | 1.44 | 2.22 | 10.00 | 6.01 | 3.24 |
| | 01 WP | 10 | 32 | 1.15 | 12.26 | 11.34 | 10.44 | 2.50 | s 3.33 | 2.32 | 240.4 | TO COTTONWOOD | 81.7 | 7.43 | 8.30 | 1.19 | s 2.06 | 1.36 | s 2.13 | 9.49 | 5.50 | 3.09 |
| | 75 P | 10 | 39 | 1.21 | 12.31 | 11.39 | 10.48 | 2.55 | 3.38 | 2.37 | 244.2 | OULP | 77.9 | 7.39 | 8.26 | 1.14 | 1.58 | 1.32 | 2.08 | 9.43 | 5.44 | 3.03 |
| | 07 P | 10 | 45 | 1.28 | 12.35 | 11.43 | 10.52 | 3.01 | s 3.43 | 2.41 | 247,1 | TO ANDERSON | 75.0 | 7.36 | 8.23 | 1.10 | s 1.52 | 1.28 | s 2.03 | 9.38 | 5.39 | 2.58 |
| | 89 P | 10 | 55 | 1.38 | 12.42 | 11.52 | 10.59 | 3.10 | 3.51 | 2.48 | 253,5 | GIRVAN | 68.6 | 7.29 | 8.16 | 1.02 | 1.40 | 1.21 | 1.55 | 9.28 | 5.29 | 2.48 |
| Yar 95 | Limits BKWIP | 11 | 80 | 1.49 | f 12.49 | f 11.59PM | 11.05 | s 3.22 | s 4.06 | 2.54 | 258.2 | TO REDDING | 63.9 | 7.24 | f 8.11 | s 12.55 | s 1.34 | s 1.15 | s 1.49 | 9.20 | 5.21 | 2.38 |
| - | 30 P | 11 | 21 | 2.02 | 1.01 | 12.13AM | 11.16 | 3.34 | 4.18 | 3.05 | 263.9 | KESWICK | 58.2 | 7.12 | 7.59 | 12.41 | 1.17 | 1.01 | 1.36 | 9.07 | 5.08 | 2.25 |
| | P | | | | | | | s | | | 267.2 | TO MATHESON | 54.9 | | | | s | | | | | |
| | 48 P | 11 | 31 | 2.12 | 1.10 | 12.23 | 11.25 | 3.43 | 4.27 | 3.15 | 268,0 | MOTION | 54.1 | 7.03 | 7.50 | 12.32 | 1.08 | 12.44 | 1.27 | 8.54 | 4.55 | 2.12 |
| | 79 P | 11 | 39 | 2.20 | 1.17 | 12.35 | 11.32 | f 3.52 | f 4.35 | 3.22 | 271.0 | OORAM | 51.1 | 6.56 | 7.43 | 12.25 | f 1.00 | 12.35 | f 1.17 | 8.44 | 4.45 | 1.59 |
| | 84 BKP | 11 | 51 | 2.32 | 1.29 | 12.48 | 11.43 | s 4.04 | 4.46 | 3.33 | 275.7 | TO KENNET | 46.4 | 6.46 | 7.33 | 12.14 | s 12.49 | 12.23 | 1.04 | 8.29 | 4.30 | 1.43 |
| | 56 P | 11 | 58AM | 2.39 | 1.35 | 12.55 | 11.49 | 4.11 | 4.52 | 3.39 | 278.3 | PITT | 43.8 | 6.40 | 7.27 | 12.08 | 12.42 | 12.17 | 12.55 | 8.21 | 4.22 | 1.35 |
| 8 | WOYP | 12 | 03 PM | 2.44 | 1.40 | 1.02 | 11.53PM | 4.16 | 4.58 | 3.45 | 280.2 | MORLEY | 41.9 | 6.36 | 7.23 | 12.03PM | 12.38 | 12.12 | 12.47 | 8.15 | 4.16 | 1.28 |
| | 44 P | 12 | 12 | 2.53 | 1.49 | 1.11 | 12.02AM | 4.25 | 5.06 | 3.53 | 283.8 | ELMORE | 88.3 | 6.28 | 7.15 | 11.54AM | 12.30 | 12.02AM | 12.39 | 8.03 | 4.04 | 1.11 |
| | 79 P | 12 | 22 | 3.03 | 1.58 | 1.19 | 12.10 | f 4.34 | 5.14 | 4.01 | 287.6 | TO POLLOOK | 84.5 | 6.20 | 7.07 | 11.46 | f 12.22 | 11.52PM | 12.29 | 7.51 | 3.52 | 12.59 |
| | 73 P | 12 | 31 | 3.12 | 2.06 | 1.27 | 12.18 | 4.42 | 5.22 | 4.09 | 291.1 | 5MITHSON | 81.0 | 6.12 | 6.59 | 11.38 | 12.13 | 11.44 | 12.18 | 7.40 | 3.41 | 12.48 |
| | 79 WP | 12 | 50 | 3.32 | 2.23 | 1.44 | 12.30 | f 5.00 | 5.39 | 4.25 | 296.7 | TO DELTA | 25.4 | 6.00 | 6.47 | 11.26 | f 12.01 PM | 11.32 | 12.01 AM | 7.22 | 3.23 | 12.30 |
| | 40 P | 1 | 01 | 3.43 | 2.32 | 1.52 | 12.38 | 5.08 | 5.52 | 4.34 | 300.2 | LAMOINE | 21.9 | 5.52 | 6.39 | 11.18 | 11.53AM | 11.24 | 11.53PM | 7.11 | 3.12 | 12.19 |
| 1 | 00 P | 1 | 11 | 3.53 | 2.41 | 2.02 | 12.47 | 5.18 | 6.02 | 4.43 | 304.0 | GIBSON | 18.1 | 5.43 | 6.30 | 11.09 | 11.44 | 11.15 | 11.44 | 6.59 | 3.00 | 12.07 |
| ll | 70 P | 1 | 17 | 3.59 | 2.46 | 2.07 | 12.52 | 5.23 | 6.07 | 4.48 | 806.0 | FISHER | 16.1 | 5.38 | 6.25 | 11.04 | 11.39 | 11.10 | 11.39 | 6.53 | 2.54 | 12.01AM |
| | 69 WP | 1 | 28 | 4.10 | 2.55 | 2.16 | 1.00 | 5.32 | 6.17 | 4.57 | 309.4 | TO SIMS | 12.7 | 5.30 | 6.17 | 10.56 | 11.31 | 11.02 | 11.31 | 6.42 | 2.43 | 11.49PM |
| I | 79 P | 1 | 40 | 4.22 | 3.04 | 2.25 | 1.08 | 5.41 | 6.30 | 5.07 | 313.1 | CONANT | 9,0 | 5.22 | 6.07 | 10.48 | 11.23 | 10.54 | 11.23 | 6.30 | 2.31 | 11.37 |
| | 55 P | 1 | 47 | 4.29 | 3.10 | 2.30 | 1.13 | 5.47 | f 6.36 | 5.17 | 815.8 | CASTELLA | 6.8 | 5.17 | 6.02 | 10.43 | f 11.18 | 10.49 | f 11.18 | 6.23 | 2.24 | 11.29 |
| nir | 85 P | 1 | 55 | 4.37 | 3.18 | 2.37 | 1.20 | 5.56 | 6.45 | 5.26 | 818.8 | CASTLE CRAG | 8.8 | 5.10 | 5.55 | 10.36 | 11.11 | 10.42 | 11.11 | 6.14 | 2.15 | 11.20 |
| yard | BKP BKW | 2 | 05PM | 4.45AM | 3.26 | 2.45 | 1.27 | 6.05 | 6.54 | 5.35 | 821.2 | TO-R DUNSMUIR Y | RD 0.9 | 5.03 | 5.48 | 10.29 | 11.04 | 10.35 | 11.04 | 6.05AM | 2.05PM | 11.10PM |
| á | OTF | | | | s 3.30AM | s 2.50AM | s 1.30AM | s 6.10PW | s 7.00 AM | s 5.40AM | 822.1 | TO-R DUNSMUIR (Page | r Sta.) O.O | 5.00 AN | 5.45AM | 10.25AM | 11.00 AM | 10.30 PM | 11.00 PM | | | |
| | | Arri | e Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | | (108.3) | | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily |
| | | | .30) 3.87 | (4.30) 23.87 | (3.40) 29.53 | (3.55) 27.67 | (3.20) 32.49 | (4.10) 25.99 | (4.10) 25.99 | (3.55) 27.69 | | Time over DistrictAverage Speed per Ho | | (3.20) 32.49 | (3.20) 32.49 | (3.35) 30.22 | (3.50) 28.21 | (3.50) 28.21 | (3.50) 28.21 | (4.30) 23.87 | (4.30) 23.87 | (4.50) 22.22 |

| | i | | | |
|----------------|------------------------------|------------------------------|-----------------|-----------------|
| Train | At | Receive or Discharge | To (or beyond) | From (or beyond |
| .8 15 | Any Station Elmore | Receive Receive Saturdays | Black Butte | |
| 16 | Cottonwood Anderson | | Klamath Falls | Gerber |
| 16 23 24 | Elmore Redding Redding | Discharge Saturdays | Davis Eugene | Eugene Davis |

, * <u>1</u>

No. 18 stop if necessary at Red Bluff and Redding for U. S. Mail and newspapers.

Additional Stations Middle Creek M. P. 261.0
Antler Spur M. P. 290.5
Dirigo Industrial Tracks M. P. 316.1

| 8 | | | EAST | CWARD | | | | 1.000 | | BLA | CK BUTTE SUBDIVI | SION | | | | | WES? | rward | | | | |
|---------------------|---|------------------|-----------------|-----------------|-----------------|--------------------------|-----------------|-----------------|--------------------------|----------------------------------|--------------------------|-----------------|-------------------------|-----------------|-----------------|-----------------|-----------------|---|--------------------|---------------------|---------------------|---------------------|
| | THIR | SECON | D GLASS | | | FIRST | CLASS | | | 1 | | _ | | | FIRST | r CLASS | | | | THIRD | CLASS | |
| | CLASS | 638 | 622 | 16 | 20 | R | 18 | 12 | 24 | from notisco raville | Time Table No. 163 | e from Falls | 23 | 11 | 17 | 15 | 19 | 7 | 631 | 635 | 649 | 623 |
| Capacity Sidings | in Bullin | Manifest | Manifest | West Coast | Klamath | Shasta | Oregonian | Beaver | Cascade | Distance San Fran Ta Marya | July 9, 1941 | Distance | Cascade | Beaver | Oregonian | West Coast | Klamath | Shasta | Manifest | Manifest | Manifest | Freight |
| Car Len | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | D 20 F | STATIONS | AM | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily |
| 7 () | Leave Dail | | | | | | | | | 321.2 | (TO-R DUNSMUIR YARD | 108,0 | | | | | | | 12.45PM | 6.55PM | 3.25AM | 9.10PM |
| is B | KW 1.20 | 11.35 | 4.20 | 6 25 PM | 7.20 | 5.55 AM | 3.45AM | 3.00AM | 1.40AM | 822,1 | TO-R DUNSMUIR (Pass Sta) | 107.1 | s4.50AM | s 5.35 AM | s 10.10AM | s 10.50AM | s 10.15 PM | s 10.50 PM | | | | |
| | 7.25 | 11.55 | | | | - | | | | 825.4 | SHASTA SPRINGS | 103,8 | | | | | | other thanks and the second | | And the second | | |
| D Pun | P 7.37 | 11.47 | 4.32 | 6.35 | 7.30 | 6.05 | 3.56 | 3.10 | 1.50 | 826.1 | 8MALL 15 | 103,1 | 4.39 | 5.25 | 9.58 | 10.40 | 10.02 | 10.40 | 12.27 | 6.35 | 3.10 | 8.48 |
| 26 Spt | | | | | | | | | | 827.6 | CANTARA 3.8 | 101.6 | | | | | | | | | | |
| 81 | P 7.56 | 12.074 | 4.52 | 6.52 | 7.45 | 6.20 | 4.11 | 3.25 | 2.04 | 331.4 | TO MOTT | 97.8 | 4.24 | 5.11 | 9.43 | 10.25 | 9.45 | 10.25 | 12.10PM | | 2.52 | 8.31 |
| 125 | P 8.03 | 1.214 | 4.59 | 6.57 | 7.50 | 6.25 | 4.19 | 3.30 | 2.09 | 888.5 | AZALEA | 95.7 | 4.19 | 5.06 | 9.38 | 10.20 | 9.40 | 10.20 | 11.58AM | | 2.45 | 8.23 8.13 |
| 106 V | YP 8.1 3 | 12.27 | 5.12 | s 7.08 | s 8.01 | s 6.34 | 4.29 | 3.38 | 2.16 | 386.7 | TO MOUNT SHASTA | 92,5 | 4.12 | | s 9.30 | s 10.12 | s 9.32 | s 10.13 | 11.48 | 6.02 | 2.35 | 8.07 |
| 89 | P 8.18 | 12.32 | 5.17 | 7.12 | 8.05 | 6.38 | 4.32 | 3.42 | 2.19 | 889.1 | UPTON 2.9 | 90.1 | 4.09 | 4.56 | 9.24 | 10.07 | 9.26 | 10.08 | 11.43 | 5.57 | 2.29 2.23 | 8.07 |
| 67 | P 8.24 | 12.37 | 5.22 | 7.16 | 8.09 | 6.42 | 4.36 | 3.46 | 2.23 | 342.0 842.8 | DEETZ 2.0 | 87.2 | 4.05 | 4.52 | 9.20 | 10.03 | 9.21 | 10.04 | 11.37 | 5.51 5.41 | 2.13 | 7.50PM |
| E-102 Yd W-106 | Lmt. VYP 8.35 | PM 12.56 | 5.41 | 7.24 | 8.16 | s6.50AM | 4.45 | 3.58 | 2.30 | 345.2 | TO-R BLACK BUTTE | 84.8 | 3.58 | 4.45 | 9.13 | 9.56 | 9.13 | 9.55PM | التائنىيون التاريخ | 5.21 | 1.53 | 7.50 |
| 80 | P | 1.15 | 6.00 | 7.37 | 8.29 | | 5.00 | 4.12 | 2.42 | 852.2 | HOTLUM | 77.8 | 3.46 | 4.32 | 9.00 | 9.43 | 9.00 | | 11.07 10.56 | 5.10 | 1.43 | |
| 111 | Р | 1.25 | 6.10 | 7.46 | 8.38 | | 5.09 | 4.22 | 2.50 | 857.2 | BOLAM 8.5 | 72.8 | 3.38 | 4.22 | 8.52 | 9.34 | f 8.50 8.43 | | 10.36 | 4.59 | 1.34 | |
| 81 | Р | 1.34 | 6.19 | 7.52 | 8.46 | | 5.14 | 4.28 | 2.55 | 860.7 | ANDESITE | 68.8 | 3.33 | 4.15 | 8.46 | 9.29 9.24 | 8.36 | | 10.43 | 4.45 | 1.19 | |
| 81 | P | 1.44 | 6.29 | 7.59 | 8.55 | | 5.20 | 4.34 | 3.01 | 864.8 | OOUGAR 8.7 | 64.7 | 3.28 | 4.10 | 8.41 | 9.19 | f 8.29 | | 10.16 | 4.30 | 1.04 | |
| 123 V | YYP | 1.57 | 6.45 | f 8.07 | 9.03 | , | 5.28 | 4.42 | 3.08 | 368.5 | TO GRASS LAKE | 61.0 | 3.23 | 3.58 | 8.36 | 9.12 | 8.17 | | 10.01 | - | 12.49 | |
| 101 | Р | 2.05 | 6.53 | 8.17 | 9.12 | _ | 5.35 | 4.48 | 3.17 | 878.1 | ERICKSON | 56,4 52,8 | 3.17 | 3.52 | 8.29 8.22 | 9.04 | f 8.07 | | 9.46 | | 12.34 | |
| 79 | P | 2.12 | 7.00 | 8.25 | 9.20 | - | 5.40 | 4.53 | 3.25 | 877.2 | PENOYAR 8.4 | 48.9 | 3.11 | | 0.22 | | s 7.59 | | | | | |
| | YP | | | s 8.31 | 8 9.26 | _ | | 4.50 | | 880.6 | TO LEAF 1.3 TO BRAY | 47.6 | 3.05 | 3.44 | 8.16 | 8.56 | 7.52 | | 9.31 | 3.40 | 12.20 | |
| 107 | WP | 2.20 | 7.08 | 8.38 | f 9.31 | | 5.45 | 4.58 | 3.31 3.36 | 881.9 | KEGG | 48.5 | 2.59 | 3.36 | 8.10 | 8.50 | 7.44 | | 9.21 | 3.30 | 12.07AM | |
| 80 | P | 2.27 | 7.15 | 8.44 | 9.36 | | 5.50 5.55 | 5.03 5.08 | 3.42 | 886,0 | JEROME | 39.5 | 2.54 | 3.26 | 8.05 | 8.44 | 7.37 | | 9.13 | 3.23 | 11.59PM | |
| 59 Yard Liu | P nits | 2.34 | 7.22 | 8.49 | 9.41 | _ | 6.00 | 5.13 | 3.47 | 394.0 | TO MT. HEBRON | 35.5 | 2.49 | 3.20 | 8.00 | 8.38 | 7.31 | | 9.06 | 3.16 | 11.51 | |
| 93, 98 V 59 | YP | 2.41 | 7.31 | 8.54 8 8.59 | f 9.47 | | 6.03 | 5.16 | 3.50 | 396.7 | TO MACDOEL | 32.8 | 2.46 | 3.17 | 7.57 | 8.35 | s 7.24 | | 9.01 | 3.11 | 11.46 | |
| 107 | P | 2.46 2.50 | 7.36 | 9.02 | 9.51 | - | 6.05 | 5.18 | 3.52 | 398.8 | SOMERSET | 81.2 | 2.44 | 3.15 | 7.55 | 8.33 | 7.20 | | 8.58 | 3.08 | 11.43 | |
| 58 | P | 2.57 | 7.46 | 9.02 | 9.55 | - | 6.10 | 5.23 | 3.57 | 402.6 | MAY | 26.9 | I | 3.10 | 7.50 | 8.28 | 7.15 | | 8.51 | 3.01 | 11.36 | |
| | BKP | 3.05 | 7.53 | s 9.12 | s 10.05 | _ | 6.15 | 5.28 | 4.02 | 407.1 | TO DORRIS | 22.4 | 2.34 | 3.05 | f 7.44 | s 8.22 | s 7.09 | | 8.44 | 2.54 | 11.29 | |
| 59 | P | 3.12 | 8.00 | 9.20 | 10.15 | - | 6.21 | 5.34 | 4.08 | 411.6 | CALOR | 17.9 | 2.28 | 2.59 | 7.38 | 8.13 | 7.00 | | 8.36 | 2.46 | 11.21 | |
| 107 | - P | 3.19 | 8.07 | 9.25 | 10.21 | | 6.25 | 5.39 | 4.13 | 415.6 | WORDEN | 18.9 | 2.23 | 2.54 | 7.33 | 8.08 | 6.55 | | 8.29 | | 11.14 | |
| 58 | P | 3.24 | 8.12 | 9.28 | 10.21 | | 6.28 | 5.42 | 4.17 | 418.2 | ADY | 11.8 | 2.20 | 2.50 | 7.30 | 8.05 | 6.50 | | 8.23 | | 11.08 | |
| 102 | P | 3.31 | 8.19 | 9.33 | 10.32 | | 6.33 | 5.47 | 4.22 | 422.8 | MIDLAND | 7.2 | 2.15 | 2.45 | 7.25 | 8.00 | 6.45 | | 8.16 | | 11.01 | |
| | P | 3.38 | 8.25 | 9.38 | 10.37 | | 6.38 | 5.52 | 4.27 | 426.2 | 7EXUM | 8,8 | 2.10 | 2.40 | 7.20 | 7.55 | 6.40 | | 8.10 | 2.20 | | |
| Falls O | | 3.50 AN | | 8 9.45 PM | s 10.45 AM | | s 6.45AM | s 6.00AM | s 4.35AM | 429.5 | TO-R KLAMATH FALLS | 0.0 | 2.05AM | 2.35AM | 7.15AM | 7.50 AM | 6.35 PM | | | 2.10 PM | | Langa Dastry |
| | Arrive Dail | | Arrive Daily | | | Arrive Daily | Arrive Daily | Arrive Dally | Arrive Daily | | (108.0) | | Leave Daily | Leave Daily | Leave Dally | Leave Daily | Leave Daily | Leave Daily | | | Leave Daily | (1.20) |
| | (1.15) 18.97 | (4.20) 24.93 | (4.20) 24.93 | (3.20) 32.13 | (3.25) 31.24 | (0 . 55) 24.85 | (3.00) 35.70 | (3.00) 35.70 | (2.55) 36. 7 2 | | Time over District | | (2.45) 38.9 6 | (3.00) 35.70 | (2.55) 36.72 | (3.00) 35.70 | (3.40) 29.18 | (0.55) 24.85 | (4.45) 22.73 | (4.45) 22.73 | (4.40) 23.14 | 17.62 |

| | ADDITIONAL | FLAG STOPS TO RECEIN | TE ON DIGOTANGE TA | |
|--|-------------------------------------|--|--|---|
| Train | At | Receive or Discharge | To (or beyond) | From (or beyond) |
| 16 16 19 19 19 20 20 | Shasta Springs Black Butte Kegg Pit | May 15, to Sept. 30 Mon., Wed. and Fri. | Klamath Falls Klamath Falls Davis Davis Klamath Falls Eugene | Gerber Sacramento Klamath Falls Klamath Falls Davis Gerber |

The artist of the first and the first of the

RULE 5. At Klamath Falls schedule time and train orders of first-class trains apply at Passenger Station.

At Grass Lake, first-class trains with orders to meet or pass, train required to take siding will use passenger siding, located on right side of main track in movement of direction eastward.

At Black Butte schedule time and train orders of trains going to the Siskiyou line apply at east switch Eastward siding. Trains from the Siskiyou line apply at Junction switch.

No. 17 reduce speed at Dorris for U.S. Mail or newspapers.

Additional Stations: Pioneer Spur M. P. 335.1
Barnard Spur M. P. 335.4
Graham Industrial Track M. P. 356.0
Kegg Pit M. P. 386.9

| | | | | E/ | ASTWAF | RD | | | | 1 | ΣIR | RK SUBDIVISION | | | | | WES | STWAR | D | | | | 9 |
|---------------------------|-----|----------------|-----------------|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------------------------------------|------|--------------------|----------------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|------------------------------|-----------------|-----------------|---|
| | | BECON | D CLASS | | | FI | RST CL | 188 | | 2.5 | | Time Table No. 163 | | | Fil | RST CLA | SS | | Т | HIRD CLA | SS | | |
| Capacity of Sidings in | | 642 | 626 | 386 | 16 | 20 | 18 | 12 | 24 | ance from Francisco Marysville | | July 9, 1941 | from | 11 | 17 | 15 | 19 | 23 | 621 | 387 | 647 | 643 | |
| Car Lengths | | fanifest | Manifest | G. N. Ry. Time Freight | West Coast | Klamath | Oregonian | Beaver | Cascade | Distance San Fra ria Mai | | Juny of avan | Distance Crescent | Beaver | Oregonian | West Coast | Klamath | Cascade | Manifest | G. N. Ry. Time Freight | Manifest | Manifest | |
| | Le | ave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | | | STATIONS | 0 | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | |
| HE OTYP | 10 | 0.40PM | 7.45 AM | 12.50 AM | 10.00PM | 11.00AM | 7.00 AM | 6.10AM | 4.45 AM | 429,5 | Į, | TO-R KLAMATH FALLS | 99.1 | 8 2.25AM | s 7.00 AM | s 7.35 AM | s 6.20PM | s 1.55 AM | 8.304 | 2.20 PM | 3.55PM | 12.05AM | |
| 2 60 P | | 0.50 | 7.55 | 12.58 | 10.05 | 11.05 | 7.05 | 6.15 | 4.50 | 481.9 | | CHELSEA | 96.7 | 2.20 | 6.55 | 7.30 | 6.15 | 1.50 | 8.24 | 2.14 | 3.49 | 11.59PM | |
| 107 P | 10 | 0.55 | 8.00 | 1.08 | 10.10 | 11.10 | 7.10 | 6.19 | 4.54 | 484.1 | - | wocus | 94.5 | 2.16 | 6.50 | 7.26 | 6.10 | 1.46 | 8.19 | 2.09 | 3.44 | 11.54 | |
| 106 P | 1 | 1.03 | 8.10 | 1.16 | 10.17 | 11.17 | 7.17 | 6.25 | 5.00 | 438.9 | | TO ALGOMA | 89.7 | 2.10 | 6.42 | 7.17 | s 6.02 | 1.40 | 8.10 | 2.00 | 3.35 | 11.45 | |
| 60 P | 1: | 1.10 | 8.17 | 1.23 | 10.23 | 11.22 | 7.23 | 6.32 | 5.05 | 442.6 | | 0UXY | 86.0 | 2.05 | 6.32 | 7.08 | 5.55 | 1.35 | 8.03 | 1.52 | 3.28 | 11.38 | |
| 107 P | 1 | 1.17 | 8.24 | 1.30 | 10.29 | 11.27 | 7.28 | 6.38 | 5.10 | 447.2 | | TO MODOO POINT | 81,4 | 1.59 | 6.24 | 7.03 | s 5.49 | 1.30 | 7.56 | 1.45 | 3.21 | 11.31 | |
| 64 P ₩ 166 | 1: | 1.24 | 8.32 | 1.37 | 10.35 | 11.33 | 7.33 | 6.43 | 5.15 | 451.8 | - | LOBERT | 76,8 | 1.53 | 6.19 | 6.58 | 5.42 | 1.25 | 7.48 | 1.38 | 3.14 | 11.24 | |
| KWYP | 1 : | 1.33 | 8.42 | 1.47 | s 10.46 | s11.43 | 7.40 | 6.51 | 5.21 | 456.7 | 1 | to ohiloguin | 71.9 | 1.47 | s 6.12 | s 6.51 | s 5.35 | 1.19 | 7.40 | 1.30 | 3.05 | 11.14 | |
| ÿ (85 P | 1: | 1.35 | 8.44 | 1.49 | 10.48 | 11.46 | 7.43 | 6.55 | 5.23 | 458.0 | - | PINE RIDGE | 70.6 | 1.45 | 6.09 | 6.45 | 5.28 | 1.17 | 7.35 | 1.17 | 2.52 | 11.01 | |
| 60 P | 1: | 1.43 | 8.52 | 1.59 | 10.55 | 11.52 | 7.49 | 7.01 | 5.28 | 461.1 | | BRAYMILL | 67.5 | 1.40 | 6.05 | 6.41 | 5.23 | 1.13 | 7.29 | 1.11 | 2.46 | 10.55 | |
| 102 P | 1: | 1.58PM | 9.07 | 2.15 | 11.01 | 11.58AM | 7.55 | 7.07 | 5.34 | 465.3 | | OALIMUS | 68.8 | 1.35 | 6.00 | 6.36 | 5.18 | 1.08 | 7.22 | 1.04 | 2.39 | 10.48 | |
| Yard Limits 118 WYP | 12 | 2.11AM | 9.19 | 2.30 | f 11.07 | 12.04PM | 8.01 | 7.14 | 5.40 | 470.3 | ai 1 | ro kirk | 58.8 | 1.29 | 5.54 | 6.30 | f 5.11 | 1.02 | 7.14 | 12.56 | 2.31 | 10.40 | |
| 100 P | 12 | 2.18 | 9.26 | 2.37 | 11.14 | 12.09 | 8.06 | 7.19 | 5.49 | 474.5 | 4 | FUEGO | 54.1 | 1.24 | 5.49 | 6.25 | 5.05 | 12.57 | 7.00 | 12.49 | 2.24 | 10.33 | |
| 100 P | 12 | 2.25 | 9.33 | 2.44 | 11.20 | 12.15 | 8.11 | 7.24 | 5.57 | 478.6 | 1 | TO CHINCHALO | 50.0 | 1.19 | 5.43 | 6.20 | 5.00 | 12.52 | 6.52 | 12.42 | 2.17 | 10.26 | |
| 100 W P | | 2.33 | 9.41 | 2.56 | 11.26 | 12.21 | 8.16 | 7.29 | 6.02 | 483.4 | | LENZ | 45.2 | 1.14 | 5.38 | 6.15 | 4.54 | 12.47 | 6.44 | 12.35 | 2.10 | 10.19 | |
| 100 P | 1 | 2.42 | 9.49 | 3.05 | 11.32 | 12.26 | 8.21 | 7.34 | 6.07 | 488.2 | | MAZAMA | 40.4 | 1.09 | 5.33 | 6.07 | 4.48 | 12.42 | 6.36 | 12.26 | 2.02 | 10.11 | |
| 100 P | 12 | 2.49 | 9.57 | 3.13 | 11.38 | 12.32 | 8.26 | 7.39 | 6.13 | 492.6 | | YAMSAY | 86,0 | 1.04 | 5.28 | 5.57 | 4.43 | 12.37 | 6.28 | 12.18 | 1.54 | 10.03 | |
| 99 P | | 2.58 | 10.05 | 3.21 | 11.44 | 12.38 | 8.32 | 7.45 | 6.19 | 498.0 | | DIAMOND LAKE | 80.6 | 12.58 | 5.22 | 5.51 | 4.37 | 12.31 | 6.19 | 12.08PM | 1.45 | 9.54 | |
| 100 BKP | | .06 | 10.13 | 3.30AM | f 11.52 | s 12.45 | 8.38 | 7.51 | 6.25 | 503.3 | 1 | ro-r ohemult | 25.8 | 12.52 | s 5.16 | s 5.44 | s 4.30 | 12.25 | 6.10 | 11.55AM | 1.36 | 9.45 | |
| 100 P | | .13 | 10.20 | | 11.58PM | 12.51 | 8.43 | 7.56 | 6.30 | 507,2 | | PAUNINA | 21.4 | 12.47 | 5.11 | 5.37 | 4.23 | 12.20 | 6.03 | | 1.28 | 9.37 | |
| 100 P | | | 10.32 | | 12.11AM | f 1.00 | 8.51 | 8.05 | 6.38 | 514.8 | | можіон | 18.8 | 12.39 | 5.03 | 5.28 | f 4.14 | 12.11 | 5.51 | | 1.16 | 9.25 | |
| 99 P | | .33 | 10.40 | | 12.19 | 1.08 | 8.59 | 8.11 | 6.44 | 519.5 | _ | KOTAN | 9.1 | 12.34 | 4.57 | 5.22 | 4.08 | 12.06 | 5.43 | | 1.08 | 9.17 | |
| 100 P Yard Limits | | .40 | 10.47 | | 12.28 | f 1.16 | 9.05 | 8.17 | 6.52 | 524.0 | _ | UMLI | 4.6 | 12.28 | 4.51 | 5.16 | f 4.02 | 12.01 AM | 5.35 | | 1.00 | 9.09 | |
| 40 BKWOYP | | .50AM | 10.55 AM | | 8 12.40AM | s 1.25 PM | s 9.12AM | s 8.25AN | s 7.00AM | 528.6 | 1 | O-R ORESCENT LAKE | 0.0 | 12.20AM | 4.45AM | 5.10AM | 3.55PM | 11.55PM | 5.25 AM | | 12.50PM | 9.00PM | |
| | | | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | Arrive Daily | | | (99.1) | | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | |
| | 9 | 3.10) 31.29 | (3.10) 31.29 | (2.40) 28.50 | (2.40) 37.16 | (2.25) 41.69 | (2.12) 45.03 | (2.15) 44.04 | (2.15) 44.04 | | | Time over District | | (2.05) 47,57 | (2.15) 44.04 | (2.25) 41.69 | (2.25) 41.69 | (2.00) 49.55 | (3.05) 32.68 | (2.25) 30.54 | (3.05) 32.68 | (3.05) 32.68 | |

| Train | At | Receive or Discharge | Passengers to (or beyond) | Passengers from (or beyond |
|-------|---------------------------------|-----------------------|---------------------------|----------------------------|
| 16 | Algoma Modoc Point | | Eugene | Klamath Falls |
| 18 | Chiloquin Chemult Paunina | Receive | Eugene | Davis |
| 19 | Diamond Lake Mazama | (Monday | | |
| 19 | (Chinchalo (Fuego | ∫Receive {Saturday | | |
| 19 | Lenz Algoma Modoc Point | | Klamath Falls | Eugene |
| 20 | Kirk Chinchalo | | Eugene | Gerber |
| 20 | (Mazama Lenz | | Eugene | Klamath Falls |

Additional Stations:
Gilchrist......M.P. 513.2

RULE 5. At Klamath Falls schedule time and train orders of first-class trains apply at Passenger Station. Schedule time of No. 386 and No. 387 apply at train order office.

At Crescent Lake Shasta Division first-class schedules and train orders referring to such schedules apply at the west switch of the passenger siding. Portland Division first-class schedules and train orders referring to such schedules apply at the east switch of the passenger siding. The main track at Crescent Lake between the east and west switches of the passenger siding may be used by any first-class train if track is known to be clear. Passenger siding is track between main track and station building.

No. 16 stop, if necessary, at Algoma and Modoc Point for U. S. Mail or newspapers.

| 10 | EAST | WARD | | BLAC | K | BUTTE SUBDIVISI | ION | W | ESTWARD | |
|---------------------------|-----------------|--------|-----------------|--|------|--------------------|--------------------------|-----------------|-----------------|-------|
| * | | | | | | · [| | | | |
| 1 | THIRD CLASS | FIRST | CLASS | rom isco ville | | Time Table No. 163 | ficon Ed | FIRST CLA | | CLASS |
| Capacity of | 624 | | 8 | Distance from San Francisco Via Marysville | | July 9, 1941 | Distance from Asbland | 7 | 623 | |
| Sidings in Car Lengths | Freight | | Shasta | Ditsi San Via | | July 4, 2022 | ă | Shasta | Freight | |
| | Leave Daily | | Leave Daily | | | STATIONS | | Arrive Daily | Arrive Daily | |
| E102 Yd. Lmt. W106 WYP | 9.05 PM | | 6.51 AM | 345.2 | | TO-R BLACK BUTTE | 85.1 | s 9.54PM | 7.30PM | |
| Spur 4 | | | | 347.0 345.8 | | IGERNA 2.6 | 88.8 | | | |
| Yard Limits 56 BKWOYP | 9.35 | | s 7.07 | 348.4 | | TO-R WEED | 80.7 | s 9.35 | 7.05 | |
| 46 WYP | 10.07 | | s 7.20 | 353.4 | | EDGEWOOD 7.6 | 75.7 | s 9.22 | 6.45 | |
| 70 P | 10.22 | ****** | s 7.35 | 361.0 | | TO GAZELLE | 68,1 | s 9.04 | 6.24 | |
| 64 P | 10.37 | · | s 7.47 | 369.1 | | TO GRENADA | 60.0 | s 8.49 | 6.10 | |
| Yard Limits 65 P | 10.50 | | s 8.07 | 375.5 | | TO-R MONTAGUE | 58.6 | s 8.35 | 5.56 | |
| 66 YP | 11.00 | ***** | f 8.16 | 380.7 | | SNOWDON | 48.4 | f 8.21 | 5.46 | |
| 53 P | 11.17 | | f 8.28 | 886,2 | | AGER 2.2 | 42.9 | f 8.09 | 5.29 | |
| 2 | | | | 388,4 | 8i) | THRALL 4.7 | 40.7 | | | |
| Yard Limits 75 WYP | 11.40PM | | s 8.50 | 393.1 | A.I | TO-R HORNBROOK | 86.0 | s 7.52 | 5.07 | |
| P | | | | 897.5 | | ZULEKA | 81.6 | | | ~~~ |
| 50 P | 12.20AM | | s 9.15 | 401.8 | | TO HILT | 27.8 | s 7.28 | 4.32 | |
| | | | | 402.8 | | COLE | 26.3 | | | |
| 60 P | 12.44 | | f 9.30 | 407.4 | | GREGORY 4.8 | 21.7 | f 7.14 | 4.15 | |
| 48 TP | 1.10 | | s 9.45 | 412.2 | | SISKIYOU 3.4 | 16,9 | s 7.00 | 3.40 | |
| P | 7 | | | 415,6 | | WALL OREEK | 13.5 | | | |
| 57 WP | 1.50 | | 10.06 | 419,8 | | STEINMAN 3.6 | 9.8 | 6.39 | 3.10 | |
| 71 P | 2.05 | | f 10.15 | 422.9 | | MISTLETOE 6.2 | 6.2 | f 6.30 | 2.55 | * |
| Ashland Yard BKWOTP | 2.30AM | | s 10.30 AM | 429.1 | | TO-R ASHLAND | 0,0 | 6.15PM | 2.30PM | |
| 244,1011 | Arrive Daily | | Arrive Daily | | | (85.1) | | Leave Daily | Leave Daily | |
| | (5.25) 15.74 | | (3.39) 23.36 | | | Time over District | 1 | (3.39) 23.36 | (5.00) 17.16 | |

RULE 5. At Black Butte schedule time and train orders of trains going to the Siskiyou line apply at east switch eastward siding, from the Siskiyou line at Junction switch.

At Ashland Shasta Division first-class schedules and train orders referring to such schedules apply at the west switch of siding. Portland Division first-class schedules and train orders referring to such schedules apply at the east switch of siding. The main track at Ashland between the east and west switches of the siding may be used by any first-class train if track is known to be clear. Siding is first track to right of main track going east and extends from switch opposite 7th Street 262 feet east of section house to switch 150 feet east of freight house.

From (or Beyond)

Any Station

To (or Beyond)

Any Station

ADDITIONAL FLAG STOPS TO RECEIVE AND DISCHARGE PASSENGERS

Train

7 and 8 Colestin MP 409

Receive and Discharge

| | SECOND GLA | 188 | | | | | SECOND | CLAS |
|---|--|--|--------------------------------|---|---|---------------|-----------------|------|
| | | 628 | E 8 | Time Table I | To. 163 | from Falls | 625 | |
| Capacity of Sidings in Car Lengths | | Freight | Distance from San Francisco | July 9, 19 | 41 | Distance fre | Freight | |
| | | Leave Daily | 25 | STATIO | NS. | [G X] | Arrive Daily | |
| - (BKW | | 10.15 AM | 457.3 458.3 | | | 97.5 | 7.35 PM | |
| $\begin{bmatrix} \frac{1}{0 \text{ YP}} \\ \frac{1}{66} \end{bmatrix}$ | | 10.13 | 458.3 459.9 | TO-R ALTURA 1.6 — JUNIPE | | 95.9 | 7.25 | |
| 76 P | | 10.45 | 470,6 | FLETOHI | | 85.2 | 7.00 | |
| 81 | | 11.00 | 477.7 | TO CANBY | | 78.1 | 6.40 | |
| 79 WP | | 11.25 | 485,4 | AMBROS | | 70.4 | 6.05 | |
| 77 P | | 11.35 | 489,8 | HOLES | | 66.0 | 5.25 | |
| Yard Limits | | 11.45AM | | HACKAMO |)RE | 62.2 | 5.10 | |
| 85 WP 77 P | | 12.05PM | | 7.2 MEARE | | 55.0 | 4.40 | |
| 84 WYP | | 12.20 | 506.1 | TO PEREZ | | 49.7 | 4.10 | |
| 77 P | | 12.55 | 515.4 | 9.3 — OORNEL | | 40,4 | 3.40 | |
| 77 WP | | 1.15 | 524.8 | STRONGHO | | 81,5 | 3.15 | |
| <u>'' "'</u> | | | 525.4 | 1.1 — Great Northern Ry. | | 30.4 | | |
| 32 P | | 1.55 | 529.7 | TO TULE LA | | 26,1 | 3.05 | |
| 100 P | | 2.04 | 538.2 | 3.5 — HATFIEI | | 22,6 | 2.57 | |
| 77 P | | 2.45 | 537.9 | TO MERRIL | | 17.9 | 2.45 | |
| 77 P | | 3.05 | 547.1 | 9.2 — STUKEI | | 8.7 | 2.23 | |
| Klamath Falls | | 3.30 PM | | TO-R KLAMATH | | 0.0 | 2.00 PM | |
| Yard BKWOTYP | | 3.3Urm | 000,0 | TO KUAMATH | | | | |
| | | Arrive Daily (5.15) | | (97.5) | strict | | (5.35) | |
| Spring Lake | eM.P. 550.3 M.P. 548.1 | (5.15) 18.57 al Stations: Malone | | Time over DiAverage Speed s | strict ser Hour | | (5.35) 17.46 | |
| Hoslev | 8 | (5.15) 18.57 al Stations: Malone Tuber. Homest Copic | ead | Time over Di Average Speed g M.P. 536.0 M.P. 527.7 M.P. 525.6 M.P. 520.3 | per Hour | NITTE | (5.35) 17.46 | |
| Hoslev | M.P. 550.3 M.P. 548.1 M.P. 543.8 | (5.15) 18.57 al Stations: Malone Tuber. Homest Copic | mERR | | per Hour | WES | | |
| Hoslev | 8 | (5.15) 18.57 nl Stations: Malone Tuber. Homest Copic | MERR | | SION | WES | (5.35) 17.46 | |
| Hosley Lost River | 8 | (5.15) 18.57 nl Stations: Malone Tuber. Homest Copic | MERR Time | | SION | WES | (5.35) 17.46 | |
| Hosley Lost River | 8 | (5.15) 18.57 nl Stations: Malone Tuber. Homest Copic | MERR Time | | SION | WES | (5.35) 17.46 | |
| Hosley Lost River Capacity of Sidings in | 8 | (5.15) 18.57 al Stations: Malone Tuber. Homest Copic | MERR Time | | per Hour | WES | (5.35) 17.46 | |
| Lost River Capacity of Sidings in Car Lengths | 8 | (5.15) 18.57 nl Stations: Malone Tuber. Homest Copic | MERR Time | | SION | WES | (5.35) 17.46 | |
| Lost River Capacity of Sidings in Car Lengths | 8 | (5.15) 18.57 al Stations: Malone Tuber. Homest Copic | MERR Time | | Distance from Distance from Transfer MOIO | WES | (5.35) 17.46 | |
| Lost River Capacity of Sidings in Car Lengths | 8 | (5.15) 18.57 18.57 18.57 18.57 18.57 Malone Tuber. Homest Copic D 25.03 2 | MERR Time | | SION Distance from Distance from 5.5.5 | WES | (5.35) 17.46 | |
| Capacity of Sidings in Car Lengths | 8 | (5.15) 18.57 al Stations: Malone Tuber. Homest Copic D ### Stations: Malone Tuber. ### Homest ### ### ### ### ### ### ### ### ### ## | MERR Time | | SION SION Typestien 100 100 100 100 100 100 100 1 | WES | (5.35) 17.46 | |
| Capacity of Sidings in Car Lengths Page 1 P P P P P P P P P P P P P P P P P P | 8 | (5.15) 18.57 al Stations: Malone Tuber. Homest Copic D ### Stations: #### Additional Copic | MERR Time | | SION Distance from more stored from 55.5 52.6 45.4 | WES | (5.35) 17.46 | |
| Capacity of Sidings in Car Lengths Post in T | 8 | (5.15) 18.57 18.57 18.57 18.57 18.57 Malone Tuber. Homest Copic D 10.00 1 | MERR Time | | 55.5 52.6 45.4 33.7 | WES | (5.35) 17.46 | |
| Capacity of Sidings in Car Lengths Spur 6 26-P Spur 24 | 8 | (5.15) 18.57 al Stations: Malone Tuber. Homest Copic D 1000 1000 1000 1000 1000 1000 100 | MERR Time | | SION Signature Signature | WES | (5.35) 17.46 | |
| Capacity of Sidings in Car Lengths Spur 6 26-P Spur 24 10-P | 8 | (5.15) 18.57 | MERR Time | | 55.5 52.6 45.4 33.7 31.0 | WES | (5.35) 17.46 | |
| Capacity of Sidings in Car Lengths Spur 6 26-P Spur 24 10-P Spur 2 See Note | 8 | (5.15) 18.57 18.57 18.57 18.57 18.57 18.57 18.67 | MERR Time | | 55.5 52.6 45.4 33.7 31.0 21.1 | WES | (5.35) 17.46 | |
| Capacity of Sidings in Car Lengths Parallel P Spur 6 26-P Spur 24 10-P Spur 2 See Note 23-P Spur 1 Yard Limits | 8 | (5.15) 18.57 al Stations: Malone Tuber. Homest Copic D 458.3 456.8 459.7 466.9 478.6 481.3 491.2 495.1 | MERR Time Li TO-R TO WI | | 55.5 52.8 45.4 33.7 31.0 21.1 17.2 | WES | (5.35) 17.46 | |
| Capacity of Sidings in Car Lengths Spur 6 26-P Spur 24 10-P Spur 2 See Note 23-P Spur 1 | 8 | (5.15) 18.57 18.57 18.57 18.57 18.57 18.57 18.57 18.67 | MERR Time L: TO-R TO WI | | SION Moderate | WES | (5.35) 17.46 | |

SACRAMENTO SUBDIVISION

| EASTWARD | | Time Table No. 163 | WESTWARD | |
|---------------------------|--------|---|-----------------------------|--|
| Capacity of | from | July 9, 1941 | from | |
| Sidings in Car Lengths | itance | July 9, 1941 Stations Lake Tahoe Branch STATIONS | Distance from Lake Taboe | |
| | Sau | | | |
| Yard Limits BKWOYP | 208.1 | TO-R TRUCKEE | 14.5 | |
| 18 P | 214.7 | BIG CHIEF | 7.9 | |
| Yard Limits KP | 222.6 | R LAKE TAHOE | 0.0 | |
| | | (14.5) | | |
| | | Time over District Average Speed per Hour | | |

1

| EASTWARD | | Time Table No. 163 | WESTWARD |
|---------------------------|--------------------------------|--------------------|-------------------|
| Capacity of | from | July 9, 1941 | rom |
| Sidings in Car Lengths | Distance from San Francisco | Colusa Branch | Distance from Wyo |
| | D1s Sar | STATIONS | Det |
| Yard Limits YP | 108.3 | R HARRINGTON | 72.1 |
| 37 | 112.3 | COLLEGE CITY | 68.1 |
| 31 | 116.0 | GRAINO 4.8 | 64.4 |
| 65 W | 120.8 | TO GRIMES | 59.6 |
| 28 | 124.4 | SYCAMORE 8.6 | 56.0 |
| 61 | 133.0 | TO COLUSA | 47.4 |
| Spur | 143.2 | STEGEMAN 2.7 | 37.2 |
| 37 W | 145.9 | PRINCETON 4.5 | 34.5 |
| 31 | 150.4 | CODORA 5.2 | 30.0 |
| 61 | 155.6 | GLENN 6.5 | 24.8 |
| 37 | 162.1 | ORDBEND 3.8 | 18.3 |
| 31 | 165.9 | ROTAVELE 4.1 | 14.5 |
| 60 W | 170.0 | FO HAMILTON | 10.4 |
| 44 YP | 180.4 | WYO | 0.0 |
| | | (72.1) | |
| | | | |

Additional Stations: Oak Flat M.P. 125.4, Cory M.P. 178.6.

| EASTWARD | | Time Table No. 163 | WESTWARD | |
|---------------------------|--------------------------------|--|---------------------|--|
| Capacity of | Distance from San Francisco | July 9, 1941 | from o | |
| Sidings in Car Lengths | stance n Fra | Fruto Branch | Distance from Fruto | |
| | E & | STATIONS | ă | |
| Yard Limits 64 BKWOYP | 149.9 | ro-r willows | 17.0 | |
| 9 Spur | 152.6 | LOSA 3,2 | 14.3 | |
| 13 | 155.8 | KURAND | 11.1 | |
| 8 | 159.6 | MILLSHOLM | 7.3 | |
| 8 | 163.6 | ATHENA | 8.3 | |
| 17 PT | 166.9 | R FRUTO | 0.0 | |
| | | (17.0) | | |
| | | Time over DistrictAverage Speed per Hour | | |

| EAS | TWARD | Time Table No. 163 | WESTWARD | |
|---------------------------|--------------------------------|--|-------------------------|--|
| Capacity of | Distance from San Francisco | July 9, 1941 | Distance from Josephine | |
| Sidings in Car Lengths | istance un Fra | Sutter Basin Branch | Stance | |
| | Θά | STATIONS | ä | |
| P | 96.5 | R GRACE | 20.8 | |
| 31 P | 96.9 | MARCHANT | 20.4 | |
| 31 | 98.4 | MACKERT | 18.9 | |
| 49 WP | 100.4 | ROBBINS | 16.9 | |
| 31 P | 101.7 | SEYMOUR 3.4 | 15.6 | |
| 52 P | 105.1 | SUBACO 2.1 | 12.2 | |
| 31 | 107.2 | PELGER 2.1 | 10.1 | |
| 52 P | 109.3 | EVERGLADE | 8.0 | |
| 43 YP | 111.2 | HINSDALE | 6.1 | |
| 34 | 113.3 | TISDALE | 4.0 | |
| 17 Spur | 115.2 | PROGRESS | 2.1 | |
| 17 Spur | 117.3 | JOSEPHINE | 0.0 | |
| | | (20.8) | | |
| | | Time over DistrictAverage Speed per Hour | | |

| EASTW | ARD | Time Table No. 163 | WESTWARD | | |
|---------------------------|--------------------------------|------------------------|----------------------|--|--|
| Capacity of | selty of clace | July 9, 1941 | Distance from Karnak | | |
| Sidings in Car Lengths | Distance from San Francisco | Sutter Basin Branch | | | |
| | Bar | STATIONS | Dis | | |
| 32 P | 96.9 | MARCHANT | 2.5 | | |
| 25 | 97.6 | ENSLEY | 1.8 | | |
| 5 P | 99.4 | KARNAK | 0.0 | | |
| | | (2.5) | | | |
| | | Average Speed per Hour | | | |

| EASTWARD | | Time Table No. 163 | WESTWARD | |
|---------------------------|--------------------------------|---|------------------------|--------|
| Capacity of | Distance from San Francisco | July 9, 1941 | from | |
| Sidings in Car Lengths | stance 2 Frau | River Farms Branch | Distance from Boyer | |
| | Sau | STATIONS | ato | |
| | 93.5 | KNIGHTS LDG. JOT. | 13.8 | |
| 18 Spur | 96.3 | EASTHAM 2.9 | 11.0 | |
| 24 | 99.2 | AYRSHIRE | 8.1 | |
| 70 Spur | 102.4 | TYNDALL 3.7 | 4.9 | |
| 19 Y | 106.1 | JIMENO | 1.2 | |
| 16 Spur | 107.3 | BOYER | 0.0 | |
| | | END OF TRACK | | |
| | | (13.8) | | |
| | | Time over District Average Speed per Hour | | 2.2.2. |

| EAST | WARD | Time Table No. 163 | WESTWARD |
|---|--------------------------------|-----------------------|--------------------------|
| Capacity of | Distance from San Francisco | July 9, 1941 | Irom D |
| Sidings in Car Lengths | ance Fran | Walnut Grove Branch | Distance from faleton |
| | Dist | STATIONS | Dist |
| other | 88.8 | TO-R SACRAMENTO | 32.4 |
| Sento Sento | 89.3 | S. N. R. R. Crossing | 31.9 |
| P | 89.6 | JOT. SWITCH, R STREET | 31.6 |
| 22 (37 | 91.8 | BATHS 2.4 | 29.4 |
| 55 | 94.2 | DEL RIO | 27.0 |
| 55 | 97.5 | FREEPORT 7.1 | 23.7 |
| | 104.6 | HOOD JOT. | 16.6 |
| 55 | 107.9 | LAMBERT 3.3 | 13.3 |
| 34 | 111.2 | MOFUBA | 10.0 |
| Yard Limits 42 BWYP | 113.4 | TO WALNUT GROVE | 7.8 |
| Yard Limits BYP | 121.2 | TO-R ISLETON | 0.0 |
| | | (32.4) | |
| | | Time over District | |

Additional Stations: Charles M.P. 93.0, Locke M.P. 112.6.

| EAS | TWARD | Time Table No. 163 | WESTWARD | |
|---------------------------|----------------------|---|-----------------|----|
| Capacity of | from neisec | July 9, 1941 | from | = |
| Sidings in Car Lengths | Distance San Fran | Walnut Grove Branch | istance Hood | |
| | Dist | STATIONS | Dista | |
| | 104.6 | HOOD JOT. | 0.7 | = |
| 63 P | 105.3 | ноор | 0.0 | _ |
| | | (0.7) | | - |
| | | Time over District Average Speed per Hour | | == |

| EASTWARD | | D | Time Table No. 163 | WESTWARD | | |
|---------------------------|--|--------------------------------|------------------------|------------------------|---|--|
| 2 | THIRD CLASS | om | July 9, 1941 | from | THIRD | |
| Capacity of Sidings in | 526 | ranc Tanc | Stirling City Branch | a ga | 527 | |
| Car Lengths | Local Freight Leave Mon., Wed. Fri | Distance from San Francisco | STATIONS | Distance f Stirling | Local Freight Arrive Tues., Thurs. Sat. | |
| Yard Limits BKWOYP | 10.00AM | 184.2 | го-R ОНІОО | 81.2 | 10.40 AM | |
| | | 186.6 | S. N. R. R. Crossing | 28.8 | | |
| | | 189.3 | DREDGE 8.9 | 26.1 | 10.20 | |
| 19 WP | 11.05 | 198.2 | PARADISE | 17.2 | 9.30 | |
| 11 | 11.35 | 203.2 | MAGALIA 6.8 | 12.2 | 9.05 | |
| 12 Spur WP | 12.15 PM | 210.0 | DOON | 5.4 | 8.30 | |
| Yard Limits WYP | 12.45PM | 215.4 | R STIRLING CITY | 0.0 | 8.00 AM | |
| | Arrive Mon., Wed., FrL | | (31.2) | | Leave Tues., Thurs., Sat. | |
| | (2.45) 11.35 | | Average Speed per Hour | | (2.40) 11.70 | |

Additional Stations: Oakdale Farms M.P. 196.6, Optimo M.P.202.2, Luce M.P.207.1

| 12 | SACRAI | MENTO SUBDIVISION | 7 | |
|--|--------------------------------|---|---------------------------|-------|
| EA | STWARD | Time Table No. 163 | WES' | rward |
| | # S | July 9, 1941 | a a | |
| Capacity of Sidings in Car Lengths | Distance from San Francisco | Knights Landing and Oroville Branches | Distance from Orcville | |
| Yard Limits | | STATIONS | | |
| 107 BKWIP | 84.9 | TO-R WOODLAND | 63.0 | |
| 13 | 87.2 | GARIO 0.5 | 60.7 | |
| 18 | 87.7 | SUGARFIELD 2.4 | 60.2 | |
| 23 | 90.1 | OURTIS | 57.8 | |
| 25 WP | 94.0 | TO KNIGHTS LANDING | 53.9 | • |
| P | 96.5 | R GRACE 8. P. Crossing 0.9 | 51.4 | |
| 2 Spur | 97.4 | BYPASS 7.8 | 50.5 | |
| 38 | 105.2 | CHANDLER 2.3 | 42.7 | |
| 24 | 107.5 | MAROUSE 3.9 | 40.4 | |
| 36 W | 111.4 | TUDOR | 36.5 | |
| 9 | 112.4 | ABBOTT | 35.5 | |
| 39 | 115.8 | OSWALD | 32.1 | |
| 46 | 117.7 | BOGUE | 30.2 | |
| 22 P | 120.4 | 2.7 YUBA CITY S. N. R. R. Crossing | 27.5 | |
| Yard Limits | 121.8 | W. P. R. Crossing E STREET, MARYSVILLE | 26.1 | |
| BKWO | 122.7 | TO-R MARYSVILLE | 25.2 | |
| 14 | 130.7 | RAMIREZ 4.3 | 17.2 | |
| 9 P | 135.0 | HONOUT 6.6 | 12.9 | |
| 10 | 141.6 | HEARST 0.9 | 6.3 | |
| 31 P | 142.5 | PALERMO 5.4 | 5.4 | |
| Yard Limits K WTP | 147.9 | TO-R OROVILLE | 0.0 | |
| | | (63.0) | | |
| | | | | |

| SACRAMENTO SUBDIVISION | | | | |
|--|--------------------------------|--|----------------------------|--|
| EAST | WARD | W | STWARD | |
| Capacity of Sidings in Car Lengths | Distance from San Francisco | Time Table No. 163 July 9, 1941 Fair Oaks Branch STATIONS | Distance from Fair Oaks | |
| 35 P | 104.4 | R CITRUS | 1.9 | |
| Yd. Limits 15 P | 106.3 | TO-R FAIR OAKS | 0.0 | |
| | | (1.9) Time over District | | |
| EAST | WARD | Wi | STWARD | |
| Capacity of Sidings in Car Lengths | Distance from San Francisco | Time Table No. 163 July 9, 1941 Placerville Branch STATIONS | Distance from Folson | |
| × (Y | 111.1 | FOLSOM JUNCTION | 0.7 | |
| 21 WP | 111.8 | TO-R FOLSOM | 0.0 | |
| | | (0,7)Time over District Average Speed per Hour | | |
| EAST | WARD | W | ESTWARD | |
| Capacity of Sidings in Car Lengths | Distance from San Francisco | Time Table No. 163 July 9, 1941 Dantoni Branch STATIONS | Distance from Dantoul | |
| | 139.8 | DANTONIJOT. | 4.4 | |
| 7 | 143.0 | LINDA 1,2 | 1.2 | |
| 17 | 144.2 | R DANTONI | 0.0 | |
| | | (4.4) | | |
| | | Average Speed per Hour | | |
| Additional Stations—Knights Landing- Oroville Branches: Laugenour, M. P. 89.4 Binney Junction Coranco, M. P. 92.4 Tower, M. P. 122.7 Cunard, M. P. 96.1 Mello, M. P. 126.5 Lee, M. P. 102.7 Wilson, M. P. 109.2 | | | | |

| EAST | WARD | SACRA | MENTO SUBDIVISION | 4 | WESTV | VARD |
|------------------------------|----------------------------|--------------------------------|--------------------|------------------------------|----------------------------------|---|
| | SECOND CLASS | | Time Table No. 163 | | THIRD | CLASS |
| Capacity of Sidings in | 518 Local | Distance from San Francisco | July 9, 1941 | Distance from Placerville | 521 | 519 Local |
| Car Lengths | Freight Leave Daily | lstane en Fr | Placerville Branch | Istan | Freight Arrive | Freight Arrive Daily |
| | Ex. Sunday | A Ø | STATIONS | A. | Sundays and Holidays | Ex. Sun., Mon. and Holidays |
| op Sector OTP | Via Elvas | 88.8 | TO-R SACRAMENTO | 59.9 | Via Elvas | Via Elvas |
| ್ದ್ ^{ಸ್ಟ್} \ 135 WP | 5.50AM | 94.7 | R BRIGHTON | 54.0 | 10.00AM | 11.50AM |
| 23 | 5. 55 | 95.9 | PERKINS | 52.8 | 9.50 | 11.40 |
| 6 | | 97.5 | MANLOVE | 51.2 | | |
| 73 | 6.05 | 98.9 | MAYHEW 1.8 | 49.8 | 9.40 | 11.25 |
| 3 | | 100.7 | ROUTIER 0.9 | 48.0 | | |
| 25 Y | 6.20 | 101.6 | MILLS | 47.1 | 9.30 | 11.15 |
| 30 P | 6.50 | 104.4 | R CITRUS | 44.3 | 9.21 | 11.00 |
| 13 | | 107.4 | NIMBUS 2.7 | 41.3 | 9.10 | 10.15 |
| 36 | 7.33 | 110.1 | NATOMA 1.0 | 38.6 | 9.00 | 10.00 |
| Yard Limits Y | 8.40 | 111.1 | FOLSOM JOT. | 37.6 | 8.40 | 9.55 |
| 5 | 9.10 | 118.0 | WHITE BOOK | 30.7 | 8.10 | 9.10 |
| 12 | 9.50 | 126.1 | LATROBE 5.3 | 22.6 | 7.35 | 8.35 |
| 4 | 10.20 | 131.4 | DUGAN 5.5 | 17.3 | 7.12 | 8.10 |
| 24 W | 11.20AM | 136.9 | SHINGLE SPRINGS | 11.8 | 6.50 | 7.45 |
| 25 | 12.01PM | 142.7 | EL DORADO | 6.0 | 6.25 | 7.20 |
| 19 P | 12.30 | 145.0 | TO DIAMOND SPRINGS | 3.7 | 6.15 | 7.00 |
| Yard Limits BKWTP | 1.00PM | 148.7 | TO-R PLACERVILLE | 0.0 | 6.00 AM | 6.30AN |
| | Arrive Daily Ex. Sunday | | (59.9) | | Leave Sundays and Holidays | Leave Daily Ex. Sun., Mon. and Holidays |
| | (7.10) 7.53 | | | | (4.00) 13.50 | (5.20) 10.12 |

Additional Stations:
Ramona, M. P. 95.5
Prattrock, M. P. 111.4
Cothrin, M. P. 123.1
Brela, M. P. 128.1
Brandon, M. P. 129.8
Bullard, M. P. 131.7
Bennett, M. P. 134.0
Apex, M. P. 147.7

SACRAMENTO SUBDIVISION

| | S | ACRAMENTO | YARD— | OUTBOUND, VIA ELVAS I | O BRIGI | HTON | | | SA | ACRAMI | ENTO YARD—INBOU | ND, VIA | ELVAS | FROM : | BRIGHT | LON |
|---------|------------|--------------|----------------------------|-----------------------|--------------|--------------|----------------|-------------------------------------|----------------|--------------|-----------------|---------|--------------|--------------|----------------------------------|--|
| | 1 | SECOND CLA | ss | FIRST CLASS | | | 8 8 | Time Table No. 163 | # 8 | | FIRST CLASS | | SECONE | CLASS | THIRD | CLASS |
| | | 420 | 518 | | 60 | 231 | e fro | July 9, 1941 | e from | 59 | 232 | | 421 | 423 | 521 | 519 |
| | | Freight | Local Freight | | West Coast | Passenger | stanc n Fr: | | tanc l of l | West Coast | Passenger | | Freight | Freight | Local Freight | Local Freight |
| | | Leave Daily | Leave Daily Ex. Sunday | · | Leave Daily | Leave Daily | 40.82 | STATIONS | D E | Arrive Daily | Arrive Daily | | Arrive Daily | Arrive Daily | Arrive Sunday and Holidays | Arrive Daily Ex. Sun., Mon. and Holidays |
| | | · | | | 7.50 PM | 7.40 AM | 88.9 | 70-R SACRAMENTO (Passenger Station) | 7.4 | s 8.45AM | s 9.10PM | | | | | |
| to yard | | : | 5.30AM | | | | 89.8 | R SACRAMENTO (12th Street) | 6.5 | | | | | | 10.25AM | 12.15PM |
| amen | IP | 9.10PM | 5.40 | | 8.00 | 7.50 | 91.8 136.2 | ELVAS | 4.5 | 8.30 | 9.00 | | 1.00 AM | 11.20AM | 10.10 | 12.01 |
| Sacr | <u>I P</u> | 9.30 PM | 5.50AM | | 8.05 PM | f 7.55AM | 133.2 | R BRIGHTON | 1.5 | 8.20 AM | f 8.55PM | | 12.40 AM | 11.05 AM | 10.00 AM | 11.50AM |
| | 1 | | | | | | 131.7 | E (END OF SACTO DIV. | 0.0 | | | | | | | |
| | ` | Arrive Daily | Arrive Daily Ex. Sunday | | Arrive Daily | Arrive Daily | | (7.4) | | Leave Daily | Leave Daily | | Leave Daily | Leave Daily | Leave Sunday and Holidays | Leave Daily Ex. Sun., Mon. and Holidays |

Trains moving from Brighton to Elvas are Eastward, and Elvas to Sacramento, Westward.

Trains moving from Sacramento to Elvas are Eastward, and Elvas to Brighton, Westward.

New Year's Day, January 1st. Washington's Birthday, February 22nd. Decoration Day, May 30th. Independence Day, July 4th.
Labor Day, First Monday in September.
Thanksgiving Day, Last Thursday in November.
Christmas Day, December 25th.

RULES 10 (G) and 10 (H). On double track between Sparks and east end of tunnel No. 41, east of Norden, signals, except fixed signals used by trackmen, will be placed on right of track in direction of movement.

RULE 10 (J). Round yellow slow boards indicate by black figures the speed restrictions applying to Diesel-powered stream-lined trains "CITY OF SAN FRANCISCO." Speeds indicated by oval white slow boards apply to those trains unless a round yellow slow board authorizing a higher speed is displayed on same post below the oval slow board. The following slow boards are located less than 3/4 mile, prescribed

by Rule 10(J), from the restricted point: Distance from Location Speed restricted point Sacramento, 9th Street....Westward movement 8 MPH 45 car lengths Sacramento, Front Street. Eastward movement 8 MPH 46 car lengths Sacramento, 3rd Street.... Westward movement 20 MPH 32 car lengths Sacramento, 2nd Street...Westward movement 20 MPH 8 car lengths Live Oak, east end of yard. Eastward movement 30 MPH 60 car lengths

RULE 11. Between Gold Run and Truckee from Nov. 1st to May 1st, train finding a fusee burning along or near track must stop, and then proceed with caution not exceeding 15 M. P. H. for a distance of one-half mile.

This restriction will not apply to the track on which train is running if displayed beyond the first rail of an adjoining main track.

RULE 14. Light engines arriving Dunsmuir from east, desiring to enter roundhouse lead, will sound whistle signal as follows, "o —— o o."

Tehama on Davis-Gerber Line.

Siskiyou Line trains to recall flagman between Junction Switch Black Butte and Weed, and Modoc Line trains to recall flagman between Stukel and Klamath Falls

RULE 14 (e). As specified below, -- will be indication that flagman may return from east as prescribed by Rule 99.

Roseville on Roseville-Tehama Line, Brighton on Sacramento-Placerville Line.
Davis on Davis-Gerber Line.

Oroville on Swayne Lumber Co. Logging Road.

Siskiyou Line trains to recall flagman between Junction Switch Black Butte and Weed, and Modoc Line trains to recall flagman between Stukel and Klamath Falls.

RULE 14 (k). Also sound signal when passing rear of train, to be acknowledged by trainman by signal 12 (c).

RULE 14 (1). Westward trains will sound crossing whistle signal immediately after emerging from west portal of Tunnel No. 6, west of Donner.

RULE 17. Night signals will be displayed through tunnels and sheds. RULE 17 (C). For identification purposes, headlight may be dimmed when passing the head end and rear end of trains on adjoining tracks, except when nearing street or highway crossings.

RULE 26. When necessary for any member of the crew in Streamliner service to go underneath any part of the train, chains will be used for blocking and one placed securely on either side of a traction wheel. In addition, an understanding will be had with the engineer-operator to the effect that he will not move the train until the employee in charge of the work personally reports back to him. A 90 pound brake application must be maintained during the progress of the work.

RULE 72. Trains between Elvas and Sacramento, and between Elvas and Brighton, and eastward trains via Elvas from Brighton to Roseville. will move irrespective of time-table superiority when moving with the

Eastward trains will move Norden to Truckee irrespective of timetable superiority when moving with the current of traffic.

RULE S-72. Westward trains are superior to trains of the same class in the opposite direction, except as noted on pages 2 and 3.

RULES 83 and 83 (A). Westward trains, except first-class, passing Sacramento will not comply with Rules 83 and 83 (A) at Sacramento. A proceed signal from switchtender at Front St., Sacramento, green flag by day or green light by night, and in addition proceed indication displayed in Signal S.A. 887, will be authority to move irrespective of timetable superiority from Sacramento to Devic train order office. superiority from Sacramento to Davis, train order office.

RULE 83 (A). At the following stations, only the trains indicated will register:

Sacramento, 12th Street—Trains terminating. Brighton-Regular trains via Placerville Branch.

Truckee-First-class trains and trains originating and terminating. Woodland—Regular trains except No. 19.

Black Butte-Regular trains and trains originating and terminating. Colfax, Harrington, Dunsmuir Trains originating Chico, Willows, (Psgr. Station) and terminating. Marysville, Orland, Chemult

Dunsmuir Yard—Two train registers will be maintained, one for the Redding and one for the Black Butte subdivisions.

Registration arrival of westward first-class trains and departure of registration arrival of westward first-class trains and departure of eastward regular trains originating at Dunsmuir (psgr station) will be transmitted by telephone by the operator at Dunsmuir (psgr station) to the operator at Dunsmuir Yard, who must enter same on the Black Butte subdivision register. Operators will use care in proper transmission and entry, which must be verified by the operator at Dunsmuir Yard repeating the registration to operator. ing the registration to operator at Dunsmuir (psgr station).

RULE 83 (B). At open train-order offices, trains may register by ticket as follows:

Truckee—First-class trains.
Davis—Nos. 11, 17, 23 and 24.
Woodland—Nos. 8, 11, 12, 18, 23, 24, 600, 601.
Crescent Lake—Nos. 11, 17 and 23.
Klamath Falls—Westward Great Northern R.R. trains. Black Butte-Regular trains.

Dunsmuir Yard—First-class trains and eastward trains terminating

at Dunsmuir Yard and tied up at Dunsmuir (psgr station).

Folsom—Register at Folsom Junction. Trains required to go to Folsom will, on return to Folsom Junction, register the same information as shown on register at Folsom.

RULE 83 (C). Regular trains appearing on Black Butte subdivision register at Dunsmuir Yard need not be again checked at Dunsmuir (psgr

RULE 83 (D). Western Division trains, via Sacramento or Brighton (except first-class), originating Roseville, will obtain separate Sacramento and Western Division clearances and receive their train orders applying to Western Division at Roseville, and will not comply with Rule 83 (D) at Sacramento. Eastward extra trains and trains originating at Sacramento obtain clearance at Sacramento General Telegraph office located on second floor of psgr. station.

RULE 83 (E). A train may check the register against an extra when authorized by train order in the following form: "... may check register at..... against Extra..... on order No....". A train so authorized to check the register must also register.

An extra when instructed by train order in the following form: "Extraregister at..... on order No. ...' will register, and place this order number and date in column captioned "Signals."

RULE 93. Yard limits in which the provisions of Rule 93 will apply are established at the following points:

| East | West |
|--------------|---|
| M. P. 247.60 | Sparks |
| M. P. 209.39 | Truckee |
| M. P. 208.49 | Lake Tahoe Branch |
| M. P. 222.80 | Lake Tahoe |
| M. P. 172.12 | Emigrant Gap |
| M. P. 142.94 | ColfaxM. P. 140.03 |
| M. P. 125.60 | Westward TrackM. P. 122.66 Newcastle |
| M. P. 120.82 | Eastward Track |
| M. P. 120.15 | Westward Track |
| M. P. 110.83 | Roseville (East) |
| M. P. 110.86 | Roseville (West) |
| M. P. 110.95 | Roseville, No. 4 Track |
| M. P. 107.71 | Roseville-Tehama Line |
| M. P. 95.35 | Sacramento |
| M. P. 93.09 | Walnut Grove Branch |
| M. P. 94.93 | Placerville Branch |
| M. P. 136.33 | Main-Polk |
| | |

| East | West |
|------------------------------|--|
| M. P. 111.38 | Folsom |
| M. P. 112.05 | Folsom Branch |
| | Placerville |
| M. P. 113.90 | Walnut Grove |
| M. P. 122.32 | Isleton |
| M. P. 124.59 | Golden State |
| M. P. 76.94 | Davis |
| M. P. 85 82 | Woodland |
| M. P. 85.82 M. P. 85.78 | Knights Landing Branch |
| M. P. 150.84 | Willows |
| M. P. 151.82 | Fruto Branch |
| M. P. 167.72 | Orland |
| 111. 1 . 101.12 | Colusa Branch |
| M. P. 185.36 | Chico |
| M. P. 187.06 | |
| M. P. 143.94 | Stirling City Branch |
| | Marysville |
| M. P. 122.69 | Knights Landing BranchM. P. 119.76 |
| M. P. 124.44 | Oroville Branch |
| M. P. 147.95 | Oroville |
| M. P. 216.08 | Gerber |
| M. P. 224.63 | Red Bluff |
| M. P. 259.23 | Redding |
| M. P. 326.60 | Dunsmuir Yard |
| M. P. 347.70 | Black Butte |
| M. P. 346.50 | Siskiyou Line |
| M. P. 395.46 | Mt. Hebron |
| M. P. 432.43 | Klamath Falls |
| | Modoc Line M. P. 552.04 |
| M. P. 459.24 | Modoc Line M. P. 552.04 Chiloquin M. P. 455.10 |
| M. P. 471.62 | Kirk |
| M. P. 530.16 | Crescent Lake |
| M. P. 350.08 | Weed |
| M. P. 376 34 | Montague M. P. 374.66 |
| M. P. 376.34 M. P. 394.80 | Hornbrook |
| M. P. 430.79 | Ashland |
| M. P. 460.90 | |
| M. P. 460.19 | Alturas |
| M. P. 495.22 | Hackamore |
| M. P. 513.05 | |
| | Lakeview |
| d limits. | rd paragraphs of Rule 93 apply to all tracks withi |
| | t trains entering Roseville ward must not ness Dr |

Eastward freight trains entering Roseville yard must not pass Dry Creek without receiving proceed signal (green flag by day, green light

by night).

Trains, except regular passenger trains, arriving Roseville, from the east via Tehama-Roseville line, must not pass Lincoln Street, Roseville, without receiving proceed signal (yellow flag by day, yellow light by night).

Freight trains from Sacramento Division enter Sparks freight yard at crossover switch just west of 17th Street and must approach this switch prepared to stop unless route lined and signals indicate proceed.

Klamath Falls-Movements of Great Northern R.R. trains and engines between initial switch east end of yard and Junction switch of Great Northern R.R. will be directed by yardmaster.

Dunsmuir Yard—Westward trains, except first-class, must not pass switch located at Signal 3225 east end of Dunsmuir unless proceed signal from yardman received; eastward trains, except first-class, must not pass switch located at Signal 3202 west end of Dunsmuir yard, unless letter "M" is displayed in Take Siding Indicator on mast of Signal 3198, or proceed signal from yardman received; and westward trains, except first-class, must not pass switch located at Signal 3213 just east of yard office east end of Dunsmuir yard without instructions from Yardmaster, or proceed signal from yardman, green flag by day or green light by night.

RULE D-97 (A). Applies between Sacramento and Sparks and Brighton and Elvas.

RAILROAD CROSSINGS AT GRADE AND DRAWBRIDGES NOT INTERLOCKED

RULE 98. Southern Pacific trains must approach Western Pacific R. R. crossing at Front and R Streets, Sacramento, with caution, expecting to find crossing occupied. Southern Pacific yard engines must stop and ascertain that crossing is clear before proceeding.

Trains and yard engines must ascertain that all switch and industry track crossings in the vicinity of Front and R Streets are clear before

using.

Trains must stop within 200 feet of Sacramento Northern R. R. crossing Front and R Streets Sacramento before crossing.

Movements of trains, engines or cars in switching over crossing of the Southern Pacific tracks and the electric lines at Front and M Streets, Sacramento, will be governed as follows:
Southern Pacific trains moving on Front St., Sacramento and yard

engines switching on Front Street must stop before reaching the crossings

at Front and M Streets, and proceed on hand signal from flagman on the ground at the crossing, a green flag by day and a green light by night. Sacramento Northern R. R. trains must stop before reaching the crossing and proceed on signal from the flagman on platform of watchman's shelter, yellow flag by day and yellow light by night.

Eastward trains approaching Sacramento finding distant signal, located just east of the spur known as Washington Spur, used in connection with home signal just west of Sacramento River Bridge, in caution position will stop west of the Fifth Street crossing unless the home signal at bridge indicates clear position.

Trains and engines must stop before crossing Sacramento Northern R. R. tracks at 31st and "R" Streets, Sacramento.

Trains must stop within 200 feet of Sacramento Northern R. R. cross-

ing at Yuba City. Trains must pass over Southern Pacific crossing at Grace and Sacra-

mento Northern R. R. crossing 9th Street, Chico, with caution.

Trains must stop within 200 feet of Sacramento Northern R. R. crossing on Chico-Stirling City line before crossing.

RULE 99. When torpedoes are used between Blue Canon and Stanford, and at any point during snow storm or when snow on rails, each torpedo placed will be duplicated on opposite rail.

When roadway machines (ditchers, pile drivers, power shovels, crane and derrick cars) are operated on double track or on tracks immediately adjacent to the main track, or off track adjacent to main tracks, boom or other parts of the machine must not be operated to foul main track, without proper flag protection. Such equipment must be at rest and clear of main tracks when trains are passing.

Flag protection must be provided on adjacent main tracks which closely parallel track on which ballast or other material is being loaded or unloaded. Operations must be stopped when trains on main track are

RULE 102. Following instructions govern handling of a passenger train which has parted on grade between Black Butte and Ashland: On ascending grade, when train has parted, angle cock must be closed at opening, and immediately all hand brakes set on detached portion starting at rear and head end, turning up retainers on all cars as hand brakes are being set. Air brakes must immediately be fully charged on detached portion by using air hose carried in baggage car for that purpose. If for any reason detached portion cannot be recharged immediately, or if necessary to leave rear portion standing, rear truck of detached portion must be chained to rail in such manner as to derail cars should they start. Attempt must not be made to couple to detached portion until brake pipe has been fully charged and chain removed. After train has been coupled, air must be applied from engine before hand brakes and retainers are released.

RULE 103 (A). In general, highway crossing signals are so designed that they will not operate for trains or engines making a reverse movement after having passed over the crossing. Trains or engines making such reverse movements must protect the crossing unless it is known that signals are operating.

Trains and engines must stop and be preceded by flagman before

crossing highway at Isleton Wharf. Clayton. Marysville-Old Cannery Track-4th St. Wilson-Wilson Road. Woodland-Main St., House track.

RULE 104. The normal position of switches at end of double track and junctions will be as follows:

Sacramento R St... For Walnut Grove Branch. Verdi...... Crotch switch at east end of Verdi center siding will be mechanically locked by the derail which must be open before crotch switch can be operated.

Tehama......Junction switch, for movement via Willows. This is a spring switch.

Black Butte..... Junction switch 1700 feet west of east water column, for Cascade line.

Great Northern R. R. Junction switch M.P. 428.4— Klamath Falls... 2773 feet east of west switch of yard, for Southern Pacific main track.

Cascade line and Modoc line Junction switch 1000 feet west of M.P. 428, for Cascade line. Modoc line main track parallels south side of Cascade line main track from a point at Cascade line M.P. 427.023 and Modoc Line M.P. 553.2 to Cascade line M.P. 427.786. Chemult......Junction switch Great Northern R. R. in siding 130 feet east of west switch, for Southern Pacific track.

Alturas......Junction switch of Lakeview Branch and Modoc Line main track 480 feet west of M.P. 458 for Modoc Line.

RULE 104 (A). Conductors and engine foremen must personally know that main track switches used by them are left locked when clearing main track for Streamliner "CITY OF SAN FRANCISCO" Nos. 101 and 102. RULE 105. Following tracks are designated for use as sidings: Spur located one mile east of east switch Hackamore on north side of

track. Capacity 30 cars. Trailing switch for westward trains. Engines must not go beyond derail.

Weed-Siding located east of station building on opposite side of main track

Black Butte—Track located on north side of main track extending from west end of yard to connection with Siskiyou Line main track, 200 feet east of east water column will be known as Eastward siding. Track located on north side of main track from east end of yard to connection with Siskiyou Line main track 780 feet east of east water column will be known as Westward siding. Eastward trains required to take siding will use Eastward siding, and westward trains required to take siding will use Westward siding unless otherwise instructed. Operators will restore switches to normal position for trains leaving the sidings at train order office and Siskiyou main track located between Eastward and Westward

Grass Lake-Westward freight trains taking siding, stop east of west switch house track. East and west house track switches normally lined for legs of wye.

Siskiyou-When a westward train is holding main track to meet an eastward train and switch is open for train to enter siding, conductor of train holding main track will arrange to protect the eastward train against light engines or other trains occupying siding, and will give the eastward train sufficient room to avoid stopping engines in tunnel. Westward trains receiving an order to meet an opposing train on track known as turntable lead at Siskiyou (this track is on south side of main track used by helper engines moving to and from turntable) must not pass Signal 4125 until it is known that opposing train has passed Signal 4112 at west end of tunnel 13. Eastward trains or engines will leave turntable lead at east switch located 200 feet west of Signal 4124.

Midas-Normal position west switch siding lined for lead to No. 1

Elvas—Westward trains via Brighton having cars to set out at Elvas will use east end of center siding, using crossover switch near road crossing. Eastward trains from Brighton having cars to set out at Elvas will use west end of center siding and set cars in at crossover switch near road

Harrington-West end of siding west of cross-over is westward siding and east end east of cross-over is eastward siding. Junction switch at cross-over.

Wyo—Second track of the two tracks paralleling main track, is siding. Marysville-Eastward trains taking siding will use crossover just west of west water column.

Loomis—That portion of No. 4 track from crossover, M.P. 113, to Signal 1138 will be used as a siding of 83 cars capacity.

RULE D-152. Does not apply between 15th Street and Sacramento River Bridge, Sacramento, and between Yosemite Street first road crossing east of Roseville passenger station and crossover at Dry Creek west of Roseville.

RULE 206 (A). It will not be necessary for No. 291 to obtain clearance at Tehama. No. 527 at Stirling City, No. 521 at Placerville, No. 606 at Reno and regular trains from Western Division at Brighton.

RULE 221. Train order signal at Emigrant Gap and Norden are light type signals identified by an illuminated sign (Train Order Signal) on the signal mast.

When a train reaches a point approximately 200 feet from signal, if no train orders, indication will change from "stop" to "proceed."

If signal is first seen at "proceed" indication, clearance must be

No. 518 and No. 519 must go to train-order office Folsom and obtain clearance when operator is on duty.

First-class trains will not obtain clearance at Dunsmuir Yard. Eastward trains originating at Dunsmuir Yard need not obtain clearance at

Dunsmuir (psgr station).

Light will be displayed in train-order signal at Willow Ranch only when train orders are to be delivered.

INSTRUCTIONS FOR SETTING HAND BRAKES AT: DUNSMUIR AND DUNSMUIR YARD

Ten brakes on west end. Five brakes on east end.

ASHLAND

Passenger Trains..... Two brakes on east end.

KLAMATH FALLS

Two brakes on west end. Passenger Trains..... Two brakes on east end. Five brakes on west end. Freight Trains......\Five brakes on east end.

Hand brakes on freight trains must be set with the assistance of a brake club after train has stopped. Any employee releasing any of these brakes, must set as many others to replace them.

Engines must not be cut off freight trains at Dunsmuir, Dunsmuir Yard, Klamath Falls or Ashland until sufficient hand brakes are set to secure train and yard air must not be coupled into train until engine is

On arrival at Siskiyou, on westward trains, sufficient hand brakes must be set to hold rear of train before cutting off helper engine, and on rear portion of train when backing down to cut out helper.

Westward freight trains cutting all helpers at Siskiyou will take siding and use braking power track to run around rear portion of train. Cars must not be left standing on main track with engine detached.

RULE 825. Outfit cars must not be left next to oil or gasoline loading or unloading locations; warehouses; storehouses; lumber yards; or other buildings.

Track between station and Stirling City main track at Chico must

be kept clear of cars. House track at Bray, new team track Redding and passenger siding Grass Lake must be left clear for meeting or passing of trains.

RULE 829. Westward freight trains stopping at Chico to perform switching or to take water, must stop east of Sacramento Avenue, or cut train at that point to permit the passage of traffic over tracks.

Trains using siding at Glade will afford a two-hundred-foot clearance east of road crossing approximately seven car lengths west of east switch. RULE 834. Tank cars or open-top cars loaded with rail, pipe, structural steel, lumber, poles or mounted wheels, when lading projects above sides and end walls of car, must not be placed in train next to cab of AC class engines. Does not apply to trains consisting entirely of logs.

RULE 836. Cars will not be handled ahead of engine at any point between Stirling City and Chico on westward trip.

RULE 862. Trainmen arriving Gerber on first-class trains will remain on duty and protect their train until outgoing brakemen have inspected train and assumed their proper positions, at which time incoming brakemen will be relieved.

RULE 869. Freight brakemen must be on top of train descending steep grades between Edgewood and Black Butte, Snowdon and Ashland Grass Lake and Delta, Ambrose and Canby, Truckee and Loomis except

between Andover and Emigrant Gap.

On freight trains between Truckee and Loomis, Black Butte and Edgewood, Snowdon and Ashland, Grass Lake and Redding, member of train crew will observe track from rear of caboose so train may be stopped in event of derailment. Two Dietz lanterns placed on rear of caboose will be used at night to assist in observing track.

RULE 883. Engines under steam must not be stored or left unattended on tracks that are not protected by derails against entry to main track. When chains or blocking available, wheels must be blocked.

AUTOMATIC BLOCK SYSTEM

RULE 509. When making a reverse movement on main track after movement out of siding or other track, in block system limits, train or engine will, unless movement be compléted beyond the governing signal, proceed as if signal be in stop position.

Block signals in addition to those included within the brackets shown on schedule pages are as follows:

On westward freight track from Signal 891 at 7th Street to Sacramento River Drawbridge. On eastward freight track 300 feet east of drawbridge to drawbridge. On eastward and westward passenger tracks 300 feet east of drawbridge to drawbridge. On Front Street 350 feet each side of eastward and westward main track.

At Sacramento, the two center tracks, for entering and leaving Sacramento psgr station, are equipped with automatic signals between 6th and 7th Street switchtender's stations. Rule 509 as applied to single track governs. Signal 889 will display green indication for direct movement to 6th Street switchtender's station, and yellow indications for crossover movement to 6th Street switchtender's station.

Signal 886, located 100 feet east of Sixth Street crossing, controls

eastward movements on Tracks 2, 3, 4 and 5, Sacramento psgr station, but does not indicate position of switch located 20 feet east of Signal 886.

Eastward freight track between automatic signal 350 feet east of Sacramento River Drawbridge to Signal 890 at 7th Street is not protected

with block signals. All trains will proceed with caution.
On No. 1 track between Newcastle and Loomis double track rules will apply except when moving against the current of traffic. On No. 4 track between Rocklin and Loomis, Rule 509, single track will apply. Light type dwarf signal governing eastward movement on No. 1,

Signal 1136, located at clearance point of east end of siding.

Normal position of semaphore Signal 1138 governing eastward movement from siding "stop". Proceed indication will be given after main track switch is lined and block unoccupied. Should this Signal fail to indicate "proceed" wait four minutes. After expiration of that time if signal fails to indicate "proceed" Rules 509 and 99 apply.

At Sparks, semaphore Signal 2452 on signal bridge governs main track movements on eastward main track. Lower arm of semaphore Signal 2452 on signal bridge governs diverging route movement from eastward main track across westward track into freight yard. Dwarf light Signals 2453 and 2459 govern main track movements on westward main track.

Eastward main track Sparks, from 400 feet east of engine lead switch to dispatcher's office not protected by block signals. From dispatcher's office to dwarf Signal 2459 on westward main track, not protected by

Dwarf light Signal 2455 governs movement from engine lead to eastward main track. When this signal indicates "stop," engine, after stopping at signal, may proceed on hand signal from herder, who must not give signal to engineman until trains moving on eastward main track have stopped or crossover switches are lined from eastward main track into freight yard, protecting movement.

Westward trains required to take siding at Redding, unless otherwise instructed, will stop clear of Signal 2587SA and request operator by

telephone to line switches.

Trains or engines stopped by Signals 2134 or 2141 at Gerber; 3208, 3209 or 3210 at Dunsmuir Yard; 3216, 3218, 3222 or 3223 at Dunsmuir; 4288, 4293 or 4297 at Ashland; 4292, 4293 or 4295 at Klamath Falls, may proceed with caution, not exceeding 12 MPH.

Routing arm in proceed position on Signal 4112 west of Siskiyou, authorizes train to proceed and enter siding.

Special slide signal, light type, located on westward track opposite Floriston station indicates condition of slide fence only, not connected

with track.

RULE 509. The following block signals, equipped with triangular number plate displaying the letter "P", have included in their control limits some special protective device. When these signals indicate "stop", in addition to complying with Rule 509, careful inspection must be made of track or structure as indicated below, and it must be known that they are safe for passage of train before proceeding.

| Eastwa | rd Trains | SPARKS-ROSEVILLE | Westward Trains |
|---------|-----------------|------------------------------------|--------------------|
| Signa | | | Signals |
| P-2220 | Track opposit | te slide fence Floriston | P-2239 |
| P-2146 | Track opposit | te slide detector fence | |
| P-2164 | 875 feet in len | gth at First signal | P-2165 |
| | Bridge east of | f Boca M.P. 216.5 | P-2181 |
| P-2012 | Snow shed An | ndover M.P. 201.2 | P-2015 |
| P-2010 | Fire protection | on | P-2013 |
| P-2000 | Snow shed we | est end Tunnels 13 and 42 | P-2003 |
| P-2002 | | t of Andover—Fire protection | |
| P-1780\ | Track opposit | e slide fence between old Highwa | v cross- (P-1805 |
| P-1788} | ing and wes | t end Butte Canyon Bridge | \P-1789 |
| P-1438 | Track opposit | te slide fence around Tunnels 33 | and 34 ` |
| | | ROSEVILLE-TEHAMA | |
| P-1344 | Bridge over C | lark's slough M.P. 135.8 east of (| Ostrom. P-1371 |
| P-1420 | Fire protection | ${ m pn-Trestle-M.P.142.7}$ | P-1437 |
| P-1906 | Bridge at M.I | P. 191.83 east of Nord | P-1927 |
| | | TEHAMA-DAVIS | |
| P-1756 | Bridge over F | Rice Creek M.P. 176.21 west of C | orning, P-1781 |
| P-1354 | Bridge at M.I | P. 137.44 west of Delavan | P-1381 |
| P-1178 | Bridge at M.I | P. 118.88 east of Genevra | P-1201 |
| | - | GERBER-DUNSMUIR | |
| P-2240 | Spring switch | | P-2249 |
| P-3014 | Slide detector | fence at M.P. 302.7 between Gib | son and |
| | Lamoine | | P-3031 |
| | DU | NSMUIR-KLAMATH FALLS | |
| P-3294 | Rock detector | r fence east of Tunnel 12 M.P. 32 | 9½ P-3299 |
| | | ATH FALLS-CRESCENT LAK | |
| P-4430 | | ack protected by rock detector | |
| Mo | vements over c | rossing at Front Street, just east | of the Sacramento |
| River d | rawbridge, are | controlled by derails and ligh | t type signals, as |

drawbridge, are controlled by derails and light type signals, as follows:

On westward freight track, by derail located 300 feet from Front Street crossing and two-indication light type signal located 50 feet from

On eastward freight track, by two-indication light type signal, located 350 feet from Front Street crossing. On westward passenger main track by three-indication light type

signal, 350 feet from crossing.

Green indication governing movement of westward trains straight through on westward main track.

Yellow indication governing movement through crossover to eastward passenger main track.

Movements on Front Street across eastward and westward main tracks are governed by derails located approximately 90 feet from main track and by two-indication light type signals located ten to thirty feet back of derail.

Signal governing movement on Pioneer Mill track also governs movement on store lead, but does not indicate position of store lead switch, which is 45 feet south of signal.

Signal governing movement on track No. 4 also governs movement on track No. 5, but does not indicate position of switch 60 feet north of signal. Signal governing movement on track No. 6 also governs movement on track No. 7, but does not indicate position of switch 60 feet north of signal.

Derails and signals, except derail on westward freight track (which is operated by signal operator on drawbridge) are operated and controlled by switch tender at Front Street crossing.

Signals on Front Street tracks governing movement over Front Street crossing do not indicate position of switches or condition of track between signals and crossing. Trains and engines on Front Street moving on proceed indication of light signals will see that switches are lined for them and that track on which they are moving is not obstructed by other

If signals do not indicate Proceed, Rule 663 will apply. Light signals govern movement against the current of traffic on No. 2 track from crossover Emigrant Gap to west limits Norden interlocking plant and from east limits Norden interlocking plant to Andover. On No. 1 track from Andover to east limits Norden interlocking plant and from west limits Norden interlocking plant to crossover Emigrant Gap,

When these signals indicate "stop," trains moving against the current of traffic on No. 1 or No. 2 track Rule 509, single track, will apply. Light type dwarf signals and switch indicators governing westward

movement from center sidings to No. 1 track are located at

West End Center Siding Troy (Signal 1857).

when derails and switches are lined for movement and block is unoccupied.

Should these signals fail to indicate proceed, wait four minutes for time element relay to function, which will be effective when main track approach circuit is occupied. After operation of time element relay, if signals fail to indicate proceed, Rules 509 and 99 apply.

Light signal at yardmen's station opposite yard office Roseville is used by yardmen to give signal to westward freight trains from Sparks-

Roseville line. Aspects and indications as follows:

No light—Stop and stay clear of Yosemite Street crossing. Flashing yellow light—Proceed, stopping clear of Lincoln Street crossing unless proceed hand signal is received (green flag by day, green light by night).

Light signals and switch indicators governing movements from Great Northern R. R. connections and Modoc Line main track to Cascade Line main track are located as follows:

Junction of Great Northern R. R. to Modoc Line (Signal 4276).

Junction of Modoc Line to Cascade Line (Signal 4280).

Junction of Great Northern R. R. to Cascade Line (Signals 4284-4283).

Normal indication of these signals "stop." Proceed indication will be displayed after switches and derails are lined for movement and block unoccupied. Should these signals fail to indicate proceed after switches are lined wait four minutes for time element relay to function, which will be effective when approach circuit to junction switch is occupied. After operation of time element relay, if signals fail to indicate proceed, Rules 509 and 99 apply.

Normal position of Signal 5031, governing movement from Great Northern R. R. connection at Chemult, and Signal 5025, governing movement from interchange track Chemult, "stop." Proceed indication will be displayed after switches and derails are lined for movement if block clear. Should these signals fail to indicate proceed after switches are lined, Rules 509 and 99 apply.

Signal 3218 at Dunsmuir governs movement from work track through cross-over and on main track to Signal 3222. Dwarf light Signal 3214 at derail east end of drill track Dunsmuir yard governs movement from drill track to work track and will indicate proceed only when both derail and switch to work track are lined for movement to main track and block clear. Signal 3222 at Dunsmuir governing eastward trains is located on left side of main track.

RULE 509 (e). When necessary to send flagman through tunnel 13, at Siskiyou, train must wait until flagman calls on telephone from oppo-

RULE 512 (A). Where switch indicators and dwarf signals are used, movements to main track will be as follows: If indicator indicates "block unoccupied," switches may be lined. When first switch or derail is lined, signal will indicate "stop." When second switch or derail is lined, signal will indicate "proceed" if block is unoccupied. When signal indicates "stop" after proper lineup has been made, a train must not move to main track except as prescribed by Rules 509 and 99.

RULE 516. Overlap posts are located at:

Eastward Trains:

Live Oak -100 feet west of station.

Tehama —2475 feet east of junction switch.

Red Bluff—300 feet west of east switch. Eastward trains holding main track at Red Bluff will cause westward signal at west end of Glade siding to indicate stop when they pass onto the preliminary overlap extending 1300 feet west of Red Bluff station. This preliminary overlap is cut off after time interval and signal at Glade will, after remaining in stop position two and one-half minutes, change to proceed providing eastward train at Red Bluff remains west of permanent overlap post.

Dunsmuir Yard—515 feet west of Signal 3210.

Mott
—Left side of track near middle of siding.

-Fouling point west switch. Leaf

Westward Trains:

Pine Ridge—Near middle of siding.

Ady —Opposite clearance point east end of siding.

Somerset —Near middle of siding.

-1000 feet west of east switch of siding. Wyo

SPRING SWITCHES

When a block signal in advance of a facing point spring switch indicates "stop", careful examination of switch must be made before passing over it.

When making trailing point movement and train is stopped on switches, a reverse movement must not be made, nor the slack taken until the switch has been thrown by hand. When movement has been completed through switch, reverse movement must not be made until

Running switches are prohibited and sand, blow-off cocks, and injectors must not be used or boosters started while engine is standing on or passing over such switches.

Spring switches are located at the following points, and the indicated speed must not be exceeded while trains are passing over them.

Roseville-Trailing from siding to eastward main track 15 MPH. Spring switch located at M.P. 107.38 normally lined for main track. Eastward trains moving from drill track will run through this switch when in normal position. To avoid making reverse movement through switch when leaving drill track trains must stop at clearance point on drill track when Signal 1074 located 350 feet east of switch is in stop position. Eastward trains moving from drill track and trailing through this switch will not exceed 15 MPH. Westward movement on main track must not be made over this switch without first stopping and inspection made of switch.

Tehama—Trailing from Roseville line, 25 MPH. Junction switch equipped with spring switch normally lined for movement via Willows. Between Signals 2119SA and 2116SA on Davis line and Signals 2119SA

and 2118SA on Roseville line, interlocking rules apply

Eastward trains stopped by Signal 2116SA or 2118SA will send flagman to operate clock work time release located on Signal 2116SA. Time release must not be operated when trains or engines are within

interlocking limits or seen approaching on opposite line.

To operate clock work time release push button for signal desired and hold until light above push button becomes illuminated. After four minutes signal should change from "stop" to "proceed" or "caution."

If signal does not change to proceed after operating release, train will not proceed (Rules 663-672) until inspection is made of spring switch and see that switch is properly lined for movement.

When Signal 2118SA governing movements of eastward trains on

Roseville line is in "stop" position, spring switch must be lined by hand before movement is made and restored to normal position by hand after movement has been completed.

Eastward inferior trains stopped at Tehama to allow eastward superior trains on converging route to proceed, will, when the semi-automatic signal governing their movements is found in proceed position, promptly operate time release, which will then change signal on route of inferior train to stop position and one on converging route to proceed position, thereby reducing delay to both trains.

Glade—Facing point lock trailing from siding to main track eastward normally lined for main track. Speed restricted to 15 MPH.

INTERLOCKING

Sacramento River Drawbridge—
Nineteenth Street, Sacramento—At crossing of R Street track with Western Pacific R. R.

Yard engines using industry spurs will give following signal from push button located on home signal 400 feet west of crossing.

To Valley Grocery spur, o -To Bekins spur,

Elvas-Limits on Sacramento-Roseville line extend from interlocking home signal 1,400 feet west of tower to interlocking home signal 1,200 feet east of tower, and on Elvas-Polk line to interlocking home signal at west switch Polk siding; and on Placerville Branch line to interlocking home signal 600 feet east of Junction switch.

Following switches and derails within interlocking limits are hand operated and must not be thrown until permission has been obtained from signal operator.

American Can Company spur switch and derail. Derail is electri-

Cross-over, middle siding, Elvas, to westward track, Elvas-Polk line. Cross-over, middle siding, Elvas, to eastward track, Polk-Elvas line. West switch and derail, middle siding, Elvas.

Hopfen spur switch and derail.

Meister's spur switch and derail. Derail is electrically locked.

Permission must be obtained for each movement into or out of American Can Company and Meister spurs.

Hand signals as required by Rule 628 may be given from the tower instead of from the ground.

Whistle Signals governing routes as follows:

To Roseville, —— o o o o.
To Sacramento, o o o ——.

To Polk, ______ o o o o.
To Elvas Siding, o o o _____
To Third Track, o o _____.

To American Can Spur, — o — To Meister's Spur, o — .

Eastward passenger trains will not be required to make running test approaching interlocking plant at Elvas, except when brake pipe has been separated.

To operate a dual control switch by hand trainman must secure permission from the signal operator. When permission, including the time and working limits is granted, he must first move selector lever to the "hand-throw" position and lock it in that position. When the time limit has expired or work is completed, the selector lever must be restored to the "switch machine" position, selector lever and "hand-throw" lever locked, and so reported to the signal operator, at the same time he must report the location of train or engine. If the main track is cleared and selector lever restored to "switch machine" position before expiration of the time limit new authorization must be obtained before again using the dual control.

The selector and hand-throw levers must never be forced. They will move easily when properly in mesh, although some manipulation of first one and then the other may be necessary to get them in proper mesh. If the switch was lined for siding when dual control use was started, it must be again lined for siding before selector lever is restored to "switch machine" position.

When selector lever is placed in the "hand-throw" position, all signals immediately adjacent to the switch governed will indicate "stop." Under these conditions the train or engine authorized to use switch may pass these signals without stopping and make movements over the switch within the limits authorized as necessary during the time the selector lever is in the "hand-throw" position and locked. Trainmen must notify engineman when the selector lever is in the "hand-throw" position, and when it is returned to the "switch-machine" position, so he may be governed by interlocking signals adjacent to the switch.

Emigrant Gap—Limits as follows:

On No. 1 Track from interlocking signal located 100 feet west of house track spur to Signal 1711, 500 feet west of turn-table.

On No. 2 Track from clearance of crossover to Signal 1716, 60 feet east of east switch of crossover.

Electrically operated derail located 60 feet west of interlocking signal west of house track spur switch on No. 1 Track.

East switch of crossover equipped with electric lock.

Derail located at clearance on east lead of turn-table and equipped with electric lock.

Trains passing interlocking signals as provided by Rule 663 (b) will be preceded by flagman to next home signal or clear distant signal.

When instructed to operate derail by hand, be governed by instructions on sign at derail.

Trainmen or enginemen will not unlock or throw the west switch of crossover when making crossover movement, until the east switch of crossover has been lined.

Trainmen or enginemen will not unlock or throw switch to east lead of turn-table until derail has been closed.

Westward movement from west lead of turn-table or from fire-train crossover will not be made until permission is given by operator. Norden-Limits as follows:

No. 1 Track from interlocking home signal at west switch of siding

No. 1 Track from interfecting none signal at west switch of siding Donner to signal bridge 775 feet west of Norden office.

No. 2 Track from signal bridge 775 feet west of Norden office to westward interlocking home signal opposite Signal 1975 west of cross-over Eder.

Fire Train Spur—Switch and derail hand operated, derail electrically

locked and must not be thrown until permission has been obtained from signal operator.

Run-around Tracks—Enginemen on helpers left on run-around track must obtain permission from signal operator before lining switch to

Spur track switches must not be lined for movement to siding without first obtaining permission from signal operator.

Trains passing interlocking signals as provided by Rule 663 (b) will be preceded by flagman to next home signal or clear distant signal.

When permission is given by signal operator to eastward trains to pass interlocking signals located on main track and on siding east end of Norden, trains must wait ten minutes and then be preceded by flagman according to rules and follow flagman 10 minutes to next home signal or clear distant signal.

When interlocking home signal located approximately 300 feet west of west switch at Donner indicates "stop," westward trains will stop to clear west switch of Donner siding.

Additional light signals mounted on the masts of the following interlocking signals at Norden.

On signal mast of eastward signal located at Norden station on No. 2

track governing movement into eastward siding.

On signal mast of eastward signal located on eastward siding at east end of concrete shed governing movement over switch to turn-table. On signal mast of eastward signal located on eastward siding at west

switch of crossovers governing movement on crossover.

On mast of interlocking signal governing westward movement on

siding Norden just east of cross-over near old Summit station.

Normal indication of these signals "DARK." Proceed with caution indication will be given by flashing yellow light. This will indicate that interlocking signals are in stop position, that switches are lined and movement may be made to couple to cars or engines on siding without

calling operator on telephone.

Two indication light signal installed on westward turn-table lead to No. 2 track, Norden. Signal is located on left side of track and 92 feet east of Signal 48-a, and is a repeater signal used in connection with Signal 48-a, governing westward movement from turn-table lead to No. 2 track.

Georgiana Slough—Drawbridge. Snodgrass Slough—Drawbridge. 9th and K Streets Tower, Marysville.

Following switches and derails on Western Pacific R. R. within interlocking limits are hand operated and electrically locked, and must not be thrown until permission has been obtained from towerman when on duty:

Switch and derail, Western Pacific-S. P. transfer track. Switch and derail, Western Pacific high line track. Derail on Western Pacific stock corral track.

During hours towermen are off duty, trains desiring to move on Western Pacific main track from transfer track, high line and corral track, will first proceed to derail, electric lock, and unlock the door. After door has been opened, and no trains are seen approaching on Western Pacific track, Signal 4 located on Western Pacific track 464 feet west of crossing, and Signal 15, 2-arm signal located on Western Pacific track 1624 feet east of crossing will immediately go to stop position, releasing electric locks. Electric locks are released when indicator in lock is in proceed position, then move lever directly below indicator to the right which will permit operation of switches. When switches are again re-stored to normal position, lever should be moved to left position before closing door.

Western Pacific switch key will be found in hand release box on pole

near junction switch. If necessary to make this movement when a train is approaching on Western Pacific main track, opening the door of any electric lock will not put signals in stop position, but electric lock can be released by first proceeding to junction switches and operating time hand release located in box on pole, marked hand release, which will automatically put signals in stop position. After time hand release has been restored to normal position, a white light will indicate electric locks are released.

Switches and derails must be immediately returned to normal position after train has passed over them.

Trains desiring to cross Western Pacific R. R. tracks on Knights Landing Branch, when towermen are off duty, will call Chief Train Dis-

patcher at Sacramento and be governed by his instructions.

Binney Junction Tower—Junction with Woodland-Oroville line and crossing Western Pacific R. R.
Whistle signals governing routes as follows:

Main track to or from Gerber. — o o o o. Main track to or from Oroville, o o -Siding to or from Gerber, o -Siding to or from Oroville, -Siding to or from west leg of wye, o o o ———— Main track to or from west leg of wye, -Main track to or from east leg of wye, o ----

Switches to east and west legs of wye hand thrown. Normal position of switch for Knights Landing line.

Woodland-Crossing Sacramento Northern R. R.

Whistle signals governing routes as follows:

For Tehama to or from siding, — 0 0 0 0.

For Tehama to or from house track, —

For Knights Landing to or from siding, o ————

Hand signals as required by Rule 628 may be given from the

Hand signals as required by Rule 628 may be given from the tower instead of from the ground.

No towerman on duty between 12 midnight and 6.30 a.m.

Signals on the Sacramento Northern R. R. will be placed in "stop" position and Southern Pacific signals will be lined clear for westward movement after No. 20 passes.

In the event it is necessary to use the plant between the hours of 12.00 midnight and 6.30 a.m. for other than westward movements, crew should promptly get in touch with the Chief Train Dispatcher at Sacramento who will make the necessary arrangements.

Redding Remote Control-Cross-over switches east end siding controlled by operator at telegraph office.

Trains passing interlocking signals as provided by Rule 663 (b) will be preceded by flagman through interlocking limits.

When instructed to operate switches by hand, be governed by sign on relay housing opposite west switch of cross-over.

AUTOMATIC INTERLOCKING

Live Oak-Crossing Sacramento Northern R. R. one-half mile east of Live Oak

Stronghold-Crossing Great Northern R. R. one-half mile east of Stronghold.

Speed of trains must not exceed 30 MPH between home signal and

When trains are stopped by signals governing the use of automatic interlocking plants, flagman must be sent to crossing to operate clockwork time release. Release must not be operated when trains are between home signals or seen approaching on intersecting line.

After release has been operated, a red indicator light should be displayed over release and home signal should indicate proceed or red indicator on home signal mast be displayed. Trains may then proceed. If red indicator lights are not displayed, trains may proceed over

crossing as provided by Rule 663. Instructions for operating clock-work time release are posted on door of box.

TAKE SIDING INDICATORS

RULES 705 to 708. Emigrant Gap—Located on mast of Signal 1706 at west switch of center siding of eastward track controlled by operator.

Dunsmuir Yard—Located on mast of distant Signal 3198 west of west

Mount Shasta-Located on mast of Signal D 3360 west of Mount Shasta.

TRAIN INSPECTION

Trains containing carload shipments of T.N.T., bombs, loaded projectiles, and other such articles of a highly sensitive nature should be stopped for inspection at intervals of not to exceed 50 miles, provided any car in the train containing articles of this nature is loaded in excess of 65 per cent of its marked capacity.

Page All Location Freight trains, and light engines not equipped with tire coolers except mallets, on descending grades will stop 10 minutes between switches at the following stations, to permit wheels to cool.

Trainmen will make careful inspection of all cars and enginemen inspect engines.

2 Stanford......Engine stop west of Culvert 202-E, 1879 feet west

of west switch. Norden.....On No. 2 track.

Truckee Exception—five minutes. Summit.....On No. 1 track.

Troy....
Yuba Pass....
Knapp.....Exception—five minutes. Midas.....

Gold Run....

Colfax........... Crystal Lake... During stormy weather and when snow on ground, instead of Yuba Pass.

3 Emigrant Gap...During stormy weather and when snow on ground, five minutes for heat radiation, in addition to

3 Flint......Train to clear highway crossing at west end (except westward freight trains that stop at Auburn, inspect at Auburn instead of Flint).

11 Latrobe.....

Doon..... 12 Paradise......(Also passenger trains) stop 5 minutes, cool wheels. Crouch.....

Steinman.....

Gregory..... Exception—five minutes.

10 Weed or Edgewood

Mott or Azalea. . Exception—five minutes.

Andesite...... Freight trains that have stopped at Cougar not less than 5 mins., may go to Bolam for inspection without stopping at Andesite, in which event, must make 10 min. stop at Bolam.

Canby.....

Hackamore....When using retainers.

AC Class engines running light on descending grade stop sufficient length of time to inspect engine.

Light engines equipped with tire coolers descending grade, stop at Truckee, Emigrant Gap and Colfax to inspect engine.

At points between Roseville and Sparks where freight trains stop for inspection, enginemen will drain water from main reservoirs on en-

In addition to the designated stops for inspection, no freight train will make a continuous run of more than fifty miles without a stop for inspection, except when conditions favorable, freight trains may go to Biggs, eastward freight trains Klamath Falls to Lenz, and Kirk to Crescent Lake, westward freight trains Crescent Lake to Kirk and Klamath Falls to Grass Lake, if, in the judgment of conductor and engineer no stops are necessary.

At points where freight trains stop for inspection, they will do so between switches to permit light engines to pass.

Trains handling logs must stop and inspection made by crew of load and chains before entering Klamath Falls Yard, passing through tunnels and over Sprague River Bridge west of Chiloquin, Dry Canyon Viaduct between Hotlum and Bolam, Klamath River Bridge west of Hornbrook, and all crossings except 2nd, 4th, 5th, 14th, 15th, 17th and 18th over Sacramento River.

Between sunset and sunrise, two Dietz lanterns must be placed on rear of caboose and trainmen must observe track for fallen logs.

When a train handling logs takes siding to meet a train or to allow a train to pass, train must be thoroughly inspected to insure proper clearance for safe passage of trains, and no move made until expected train has been met or passed.

Light engines descending grade between Hornbrook and Ashland, stop sufficient time at designated freight train inspection stations for inspection of engine and to permit heat of tires to equalize.

AIR BRAKE RULES

RULE 3. Maintain brake pipe pressure of 80 pounds on freight and mixed trains.

RULE 16. Emergency hose must be used on freight trains between Sparks and Roseville applied at most accessible location approximately every 20th car from engine.

On westward freight trains plugs will be fastened on east end of car and on eastward freight trains on west end of car.

Emergency hose will be handled by carmen at Sparks, but must be applied and removed when necessary by trainmen at intermediate stations.

Trainmen will wait until passenger trains are made up at Gerber before coupling steam and air hose.

RULE 24.

Page Location Rear end test on freight trains must be made immediately prior to leaving:

10 Siskiyou.....

Grass Lake Westward freight trains.

Hornbrook..... Eastward trains.

8-10 Black Butte.... Siskiyou Line freight trains. Ambrose......Westward freight trains.

Summit Westward trains. Norden......Eastward and westward trains.

Stirling City....All trains.

12 Placerville All trains.

Truckee and Summit Westward trains make brake pipe test.

Location Running test on passenger trains must be made at: Snowdon..... Eastward trains.

Black Butte....Siskiyou Line trains. Grass Lake....Westward trains. 8-10

10 Ambrose..... Westward trains. Tunnel 6. west

of Donner Westward trains. (Just before entering tunnel.)

FREIGHT TRAINS

RULE 33. One operative retainer for the amount of Ms shown below must be turned up:

| Page | Ms per Oper- ative Brake | TERRITORY |
|------------------|-----------------------------|---|
| 2 | 120 | Norden to Truckee. |
| 3 | 140 | Summit to Yuba Pass. |
| 3 | 100 | Yuba Pass to Loomis. |
| 3 7 8 8 | 250 | Dunsmuir Yard to Gibson. |
| 8 | 100 | Azalea to Dunsmuir vard. |
| 8 | 150 | Grass Lake to Azalea. |
| 10 | 100 | Black Butte to Edgewood. Ambrose to Canby. |
| 10 | 150 | Snowdon to Hornbrook. |
| 10 | 90 | Siskiyou to Ashland. |
| 10 | 90 | Siskiyou to Hornbrook. Placerville Branch |
| 12 | 120 | M.P. 148 to M.P. 146, M.P. 145 to M.P. 138. |
| 12 | 140 | M.P. 136 to M.P. 130. M.P. 129 to M.P. 122. |
| 12 | 150 | M.P. 117 to M.P. 112. |
| 11 | 80 | Stirling City to M.P. 188. |

RULE 46.

PASSENGER TRAINS

| Page | Number of Retainers | TERRITORY |
|------|------------------------|---|
| 2 3 | All | Norden to Truckee. |
| 3 | All | Summit to Long Ravine Bridge and N. E. Mills to Loomis. |
| 8 | Accessible | Azalea to east switch Dunsmuir. |
| 8 | | Shasta Springs or west, if stop is made, retainers may be turned down. |
| 10 | All | Siskiyou to Ashland. |
| 10 | All | Siskiyou to M.P. 403.6. |
| 10 | All | M.P. 400 to Hornbrook. |
| 10 | Accessible | Black Butte to Edgewood. |
| 10 | Accessible | |
| 10 | | M.P. 403.6 to M.P. 400, retainers on head end cars must be left turned up, but should be turned down momentarily if stop is made at Hilt. |
| 10 | Accessible | |
| 11 | All | Stirling City to M.P. 188. |

Whenever passenger equipment is handled on freight trains and a plug test is made, considerable time must elapse before brake pipe pressure will build up sufficiently to release the brakes on passenger equipment.

Conductor will advise engineman when they have such passenger equipment on the rear of train so he may allow a sufficient length of

time for brakes to release before attempting to start train.

Diesel propelled train, "CITY OF SAN FRANCISCO", carries 110

lb. brake pipe pressure and has graduated release; when necessary to use a steam locomotive to handle this train, such locomotive must also carry 110 lb. brake pipe pressure instead of the 90 lb. ordinarily carried when handling passenger trains. The high pressure side of the air compressor governor of the steam locomotive must be set for 140 lb. and the low pressure side for 130 lb.

As piping of air brake system on Streamliner, "CITY OF SAN FRANCISCO," will not permit of compliance with Rule 24 the following will govern when coupling engines to or cutting them off this train:

Couple helper engine on in order to hold the train from running away

and before cutting in automatic air; release the straight air set up from the power cars; then close the double heading cock.

The automatic brakes may then be applied and released from the helper engine without delay or difficulty, if proper brake pipe and main reservoir pressure is carried. No rear end test is required. The application and release of the brakes should be checked by an inspector or trainman

When helper engine is to be cut off train, the automatic brake should be applied and left applied until helper is detached. Engineman on power car should then open the double heading cock and apply electric pneumatic brake. Release of brake on the last car in the train is a check that the brake is operative and the train is ready to proceed.

Speed of freight trains will be reduced at points where trainmen are

required to handle retainers.

If tonnage exceeds amount of Ms specified for each retainer, trains may be handled between Azalea and Dunsmuir Yard, Black Butte and Edgewood, Ambrose and Canby, up to 120 Ms, and between Ashland and Hornbrook up to 100 Ms per operative retainer.

Sufficient retainers will be turned up, in the judgment of engineman, to properly control trains handling logs descending grade between Kirk and Chiloquin, Ambrose and Perez.

Retainers must be turned down momentarily ascending grade M.P. 403.6 to Hilt. Retainers must be turned down if stop is made between Thrall and Hornbrook. The maximum retaining pressure must be used from Siskiyou to Ashland and Siskiyou to Hornbrook on loaded cars, except refrigerators, equipped with the 10-20 and 15-30 pound retainers.

Freight trains consisting of not more than 60 cars and not more than 65 Ms per operative brake may be handled Snowdon to Hornbrook and Grass Lake to Azalea with no retainers provided engineman can properly control speed of train and charge brake pipe to standard pressure be-

tween applications. If necessary to use retainers to control speed of train, engineman will instruct train crew number of retainers required.

The tonnage of any freight train between Hornbrook and Ashland must not exceed 100 Ms per operative brake when handled on descending grade by AM, F or SP class engines. When other class engine used 90 Ms per operative brake will govern. Westward trains must not be moved out of Ashland in excess of this tonnegae per operative brake. The tonnegae out of Ashland in excess of this tonnage per operative brake. The tonnage of any freight train descending grade between Mount Shasta and Dunsmuir, Black Butte and Edgewood, and between Ambrose and Canby must not exceed 120 Ms per operative brake.

The tonnage of freight trains between Stirling City and Chico must not exceed 80 Ms per operative brake, between Placerville and Folsom and between Summit and Loomis, 100 Ms per operative brake, and between Norden and Truckee 120 Ms per operative brake.

Train crews on freight trains from Roseville will not release hand brakes until engine is coupled to train or yard air is through train.

MISCELLANEOUS

1 Water columns at stations listed below are equipped with locking devices which hold column (when not in use) parallel to track.

Mount Shasta, Black Butte, Grass Lake, Bray, Mt. Hebron, Pine Ridge, Kirk, Lenz. Stronghold, Perez, Hackamore, Canby, Alturas, Lakeview, Emigrant Gap.

After taking water, firemen must push column around until locking device engages, which will be known by fact that column cannot then be

moved in either direction unless it is unlocked by engaging tank hook in unlocking lever located just above outer end of column spout.

Engines of freight trains on descending grades of one per cent or over, also westward at Cottonwood, Chiloquin and Lenz, must be detached to take water. Engines of freight trains, except eastward at Morley, must be detached to take oil.

Do not take water at east tank Morley except when necessary to take siding.

Helper engines coupled in middle or rear of train must be cut off from forward portion before taking water, and where lead engine cannot handle forward portion without assistance of helper, latter must not be cut off Take water only in emergency at following points:

Blue Canon, Woodland, Maxwell, Robbins, Tudor, Stronghold,

Hackamore and Orcal tank.

Water supply-Cantara-Three-fourths mile east. Grenada-One-fourth mile east. Klamathon Tank-M.P. 390.5. Whittier Tank—M.P. 485.8 Lakeview Branch. Orcal Tank—M.P. 403.6 Siskiyou Line.

When a blue signal or an authorized sign is displayed at one or both ends of an engine, indicating that workmen are under or about it, or engine has been spotted to take oil or water, reverse lever must be placed in center, throttle valve closed, cylinder cocks opened and independent air

center, throttle valve closed, cylinder cocks opened and independent are brakes applied.

Leading and helper engines must not cut off from head and rear portion of train at the same time at Steinman when taking water. When leading engine is coupled to train, after taking water, engineman will place automatic brake valve on lap, then sound one long whistle signal. Helper engineman will then make fifteen pound reduction of brake pipe pressure, leading engineman noting fall of brake pipe pressure will release brakes and after brake pipe has been charged, helper engine may then be cut off. Trainmen will not cut off helper engine until advised by helper engineman that brake pipe has been recharged. by helper engineman that brake pipe has been recharged.

In Valley territory engines may take oil and water without cutting off train at all points, except Marysville.

On ascending grades between Roseville and Sparks, engines on freight trains may take oil and water without cutting off train at all stations except Gold Run and Colfax.

Do not take oil at Gold Run except in emergency.

Eastward freight trains stopping at Colfax for water with helper engines in train, lead engine should stop with pilot just west of water column, cut off and take water. This to avoid possibility of accident at highway crossing. Water at Mystic on No. 1 track only.

Trains handling empty express refrigerators will take water at Blue Canon so tie sprinklers will operate at full efficiency.

Westward passenger trains from Sparks should take water at Truckee in preference to other water stations.

2 Eastward passenger trains making stop at Reno, will do so clear of Virginia Street.

Eastward trains will approach crossing at Colfax very carefully when westward trains are in the vicinity of the crossing.

- 3 If unable to handle train account storm conditions on mountain, reduce to ninety per cent of engine ratings, advising chief train dispatcher fully of action taken.
- 4 Helper service: No helper engine will be placed behind wooden underframe cars or cabooses.

Engines weighing more than 210,000 pounds on the drivers will not be placed behind cabooses.

In no case will more than one helper engine be placed behind steel underframe cabooses.

Not more than one F or AC class engine shall be placed on head end of freight trains except on trains consisting entirely of logs between Leaf and Grass Lake, Canby and Ambrose. Two GS or Mt, or one GS and one Mt class engines must not be coupled on descending grade where maximum curvature exceeds 10 degrees. F or AC class engines must not be coupled ahead of engines smaller than consolidation when tonnage behind such engine is in excess of time table rating. Between Ashland and Hornbrook, helpers must be placed in rear of train.

Two engines must not be coupled on Stirling City Branch. Helper engines must be cut back in train.

4a Pushing trains out of yards: No engine will be placed behind a wooden underframe caboose or other wooden frame equipment.

Engines weighing more than 210,000 pounds on the drivers will not be placed behind steel underframe cabooses.

Air will not be coupled through the pusher engine.

Yard engines regularly so used will be equipped with Russell-Jordan device to hold the coupler pin from dropping, thus making it unnecessary for employes to uncouple the pusher engine when cutting off.

In no case shall the knuckle be removed, or closed, or cutting lever temporarily fastened in release position on a pusher engine, as means of preventing coupling being made.

Unless local conditions require, it will not be necessary to stop trains to detach pusher engines.

5 S. P. track to Swayne Lumber Co. Yard at Oroville passing under W. P. trestle will not be used or switching performed thereon during time W. P. trains are passing over trestle.

When necessary to occupy McCloud River R. R. Company's tracks at Mount Shasta, including the west leg of wye, it must be under protection of flag.

Tracks except main track at Leaf are used by engines and motor cars of the Long Bell Lumber Company, and all movements over these tracks including both legs of wye, and to Long Bell siding must be made with caution.

When using siding at Delavan beet chute at beet loading dump must be raised to proper clearance.

Stop sign at Roseville on circuit drive where switch leads into car repair tracks. All engines must stop at this sign and proceed with caution.

Capacity of sidings between clearance points is based on an average car length of 47 feet not including engines and caboose.

- 8 At points where engine is to be changed or cars set out or picked up on passenger trains, trainman will open train heat valve on rear of train at station one mile board and engineman will shut off train heat one-half mile from station.
- 9 Westward freight trains having pick up or set out at Colfax will, when possible, leave train east of east crossover while work is being performed.
- 10 Storage tanks of Standard Oil Company near tracks at M. P. 107.9 between Roseville and Rocklin, flues of engines must not be sanded until engine has passed this point.

Underground gasoline tanks installed opposite house track at a point 300 feet west of station Colusa. Engines must not be stopped in front of unloading spot when oil or gasoline cars are being unloaded.

| Page | Class of Engine | Restricted Tracks |
|-----------------|-----------------------|--|
| 2 2-3 2-3 | F-AC- Mk-Mt- GS | Auburn, Nev. St. Spurs. Clipper Gap Team, east of road crossing. Colfax Material spur, west yard. |
| 2-3 | AC-4-5- 6-7-8 | ColfaxCorral track, west of corral, bunk spur, house and house lead east of freight house. Team, beyond east end of freight house platform. Scale. |

| Page | Class of Engine | Restricted Tracks |
|--------------|---|--|
| 2-3 | F-AC- | RocklinSiding, House. |
| 3 | Mk-Mt-GS | LoomisHouse track and tracks 1, 2 and 3 and Pacific Spur. |
| 3 3 | | PenrynFruit spurs west of station. NewcastleTracks 3-4 and No. 7 beyond end of curve or switch leading to lumber spur. |
| 3 3 3 | | FlintStandard Oil spur. AuburnHigh line. W. N. E. MillsSpur, west of tool house. |
| 2-3 | F-AC- Mk-Mt- GS | MagraSpur. TowleSpur. Blue CanonDump spur, oil spur, Greek spur east of oil column. Yuba PassSpur switches. Crystal LakeSpur, south side of No. 2 track. |
| | | CiscoOutfit spur, Campbell's spur east of corral chute. SummitLumber spur switch. |
| 4-5 -11 | All | WyoStoney Creek gravel pit. Enginer must not go beyond a point three car lengths beyond gravel bin. |
| 4-5 | AC-4-5- 6-7-8 | MerrittWarehouse. |
| 4-5 | All | SugarfieldSouthern Pacific crews and power must not operate on track 5 in Sugarfield yard be yond a point 50 ft. west of west end of beet dump constructed under that track. |
| 4-5 | AC-4-5- 6-7-8 | DunniganStandard Oil. ArbuckleWarehouse. |
| 4-5 | Heavier than T | Cortena Warehouse, house. Maxwell House, corral, loading, warehouse Riz Warehouse Spur. |
| 4-5 | AC-4-5- 6-7-8 | Willows Union Oil, Union Ice, team, ware house, pump house, engine spur, set-out. Artois House, warehouse. Orland Engine spur, oil spur. Wyo East leg of Wye. Corning Heinz spur. Tehama House, beet, warehouse. |
| 6 | F-AC- Mk-Mt-GS | TehamaHouse, beet, warehouse. BiggsDoty warehouse spur, west end o yard. |
| | | Brick warehouse spur, east end of yard. Durham Warehouse track. Barber Yard No. 1 track from west switch to point 400 feet west of east switch. Barber Yard No. 2, 3 and 4 tracks. Chico Priol warehouse spur. Reynolds warehouse spur. Standard Oil spur. Copeland Siding. Lomo Siding. |
| | All | Marysville Team, mill spur, Earl Fruit spur. Marysville High line track west of the east lin |
| | F-AC | of Third Street. ClaytonSpur serving Stockton Fire Brief |
| | Mk-Mt-GS | Co., across highway. Dantoni Jet. and Dantoni. |
| 6 | All | MarysvilleRio Grande Oil spur off "E" St. use reach. |
| 6 | Heavier than 210 Ms | OstromCorral Track off siding, use reach |
| 6 | All | Barber Diamond Match Co.'s track at wye |
| 7 | AC-4-5- 6-7-8 | Castella Dirigo Industrial tracks. Kennet Trestle to slag pit, use reach. |
| 7-8- 9-10 | Heavier than 210 Ms on Drivers | Red BluffPioneer Fruit spur. ReddingHoefer's and Sterling Lumber Co.'s spurs. KennetSlag pit beyond clear point on eithe track east of switch on east end of bridge across Backbone Creek. |

| Page | Class of Engine | Restricted Tracks |
|--------------|---|--|
| 7-8- 9-10 | Heavier than 210 Ms on Drivers | PollockSpur. LamoineLittle Slate Creek Bridge. GibsonSpur. IgernaSpur. WeedLong Bell Lbr. Co., docks 1 and 2 in lumber shed, shed spur, block spur, factory 2, fac- tory 3, No. 6 lumber yard. Industrial tracks between Bray and Klamath Falls except C, AC 1, 2 and 3 class engines as follows: DorrisAll spurs. MacDoelLumber spur back of stock corral. Industrial tracks between Klamath Falls and Kirk except engines not heavier than 275 Ms on drivers as follows: AlgomaLog spur and track to box factory. ChiloquinChiloquin Lumber Co. track ex- tending off stem of wye. Speed restricted to 6 MPH. Modoc PointLamm Lumber Co., spur. Lakeview Branch. |
| 8 | F and AC 4-5-6-7-8 | Pioneer |
| 8 | AC-4-5- 6-7-8 | Mt. ShastaPacific Fruit & Produce Co.'s spur, or on house track, beyond west end of freight platform. PenoyarSpurs, use reach. |
| 7-8-9-10 | | MorleyEngines turning on wye use west leg for initial movement. Pollock100 feet each side of pit, Clifford's Industry track. Mt. ShastaMcCloud River R. R. main track from Clearance with interchange east end of yard to point opposite station building. AlgomaSpur leading to Algoma Lbr. Commachine shop. AgerSpur beyond signal east of road crossing. Willow RanchCrane Creek Lumber Co. shed. PerezSpur. StrongholdSpur-Pit. |
| 10 | GS, AC | Siskiyou line between Hornbrook and Ashland. Flint hoppers and box cars must not be placed on spur serving El Dorado Lime and Mineral Co. at Bullard, to or beyond rock chute which does not clear this class of equipment. Engines must not exceed 10 MPH from Bullard Jct. to Lime Quarry, and must not go beyond 60 feet east of bunker switch. |
| 12 | C | PlacervilleWeber spur. |
| 12 | Mk-F-AC Mt-GS | Knights Landing Branch, except between Woodland and switch to Swanston Corral spur. |

MAIN TRACKS

11 Tracks between Sacramento and Roseville numbered, and unless otherwise authorized, will be used as follows:

No. 1 Westward trains. No. 2 Eastward trains.

Tracks between Roseville and Sparks numbered and used as follows:

No. 1 westward trains, via Auburn.

No. 2 eastward trains, via Auburn Nevada Street.

No. 4 between Rocklin and Loomis; diverges from No. 2 at Rocklin and runs on south side of No. 1, one-half mile east of Rocklin to Loomis, connecting with No. 1 at Loomis.

End of No. 4 track at Loomis is located at clearance point west of crossover to No. 1 track at M.P. 113.

At Chico, Stirling City Branch main track originates at switch on Stirling City Branch leading to engine house at Chico. Trains to and from Stirling City Branch use yard tracks between passenger station and Stirling City Branch main track.

At Willows, Fruto Branch main track originates at yard limit board on Fruto Branch. Trains to and from Fruto Branch use yard tracks between passenger station and Fruto main track.

At Woodland, Knights Landing Branch main track originates at switch at east end of siding 150 feet east of cattle guard 85-A. Normal position of switch for Knights Landing Branch. Trains to and from Knights Landing Branch use Woodland siding.

12 Where rail lubricators are located, running switches are prohibited and sand, blow off cocks and injectors must not be used, nor boosters started while passing over same.

14 From May 1 to Nov. 1, sprinklers will be placed in service between Roseville and Sparks upon departure of westward freight trains and light engines, Norden to Loomis, and on eastward freight trains and light engines Norden to Truckee.

Sprinklers are to be kept open while train is in motion; where long stops are made they will be closed temporarily to avoid waste of water.

Eastward trains will operate sprinklers Norden to Truckee and westward trains Norden to Loomis.

During dry season, engines will sprinkle wooden structures with water from tender on steep descending grades.

On Shasta Division, use sprinklers on engines so equipped when passing through all tunnels.

15 Trains and engines must not pass switch-tender's stations at Sixth Street and Seventh Street, Sacramento, without receiving proceed signal, green flag by day and green light by night, and must move with caution between Sacramento River Bridge and Seventh Street.

20 Handling of freight cars in trains behind passenger cars carrying passengers prohibited. The term "freight car" does not include a baggage, express, or mail car, or a caboose. Baggage, express, mail, refrigerator or other head end cars must not be handled on rear of passenger trains unless trainmen can pass through them.

Passenger equipment handled in freight trains must be placed between cars equipped with carmen cutting lever.

Gas transport cars when handled in freight trains should be placed next ahead of caboose.

Cars with inoperative couplers, containing perishables or live stock, may be chained in train and moved to nearest available repair point. Other cars with defective couplers will be switched to the rear of caboose, using operative coupler by turning car. Car and caboose should be chained to prevent breaking away from train. Cars chained may be moved to nearest repair point in direction train is moving.

24 Minimum Clearances for Rotary Plows

Push cars in shed district must be placed between posts providing for proper clearance.

Tunnels 3 and 4, west of Tamarack, shed posts 8 to 10 inch clearance.

Tunnel 5. east of Cisco. 8 inches clearance.

East and west of M. P. 195, stone walls clear 6 inches. Water trough east of tunnel 10, west of Donner, clears 5 inches.

East end of tunnel 11, west of Donner, clears 8 inches.

Rotary plow on an 8 or 10 degree curve will swing approximately 7 inches from center.

Rotary snow plows 7203-7210-7222 equipped with wings, will not clear rock cut eastward track 700 feet east of M. P. 155, rock cut westward track at Rocky Point M. P. 158.4, also snow sheds and tunnels, when wings are extended.

Crews handling plows through district where standard clearance is not provided must reduce speed to 6 MPH through tunnels and at rock wells

OPERATION OF TURN-TABLES

26 Yellow light signals on leads to turn-table at Norden. These signals will indicate route to be used from turn-table. If no indication visible when engine is ready to leave turn-table, telephone signal operator at Norden for instructions.

Before moving onto table from any lead, table must be lined so that engine will enter from rail lock end only. Engines when backing and approaching table on lead from eastward siding east end will stop to clear of table and fireman, after properly lining and locking table, will signal engineer to move onto table by green light located on engineer's side of lead. Operation of green light controlled by push-button located on post of turn-table shed on engineer's side. This signal does not indicate position of turn-table or turn-table lock.

Spot detectors are connected to turn-table rail lock. If engines are not spotted on table to clear concrete piers, detectors will prevent operation of rail lock lever.

Marker posts are placed on each end of the Norden turn-table to aid in spotting engines. AC class engines must be spotted with center of cab door directly opposite a marker post to avoid couplers striking concrete piers when turning.

SPEED RESTRICTIONS

Maximum speed of passenger trains must not exceed 50 MPH and Freight and mixed trains 35 MPH except as otherwise provided for.

Speed Restrictions in MPH, Will Apply as Follows:

| | | | | PASSENG | ER | | FRE | IGHT | ı | LIG | HT ENGINES | RUNNIN | G FORWARD | |
|---|---|--|---|--|--|--|--|--|--|--|--|--|--|---|
| Page No. | Territory | Maximum Except Streamliner Diesel Power | Stream- liner Diesel Power Unit | With AC-7, 8 Engines | With F-1, 3, 4, 5 AC-1, 2, 3, 4, 5, 6 Mk-2, 4, 5, 6, 8, 9 C-2 to 10 Inc., 15, 17 and TW Engines | With Other Type Engines Except T-1, 23, 28 and 31 which are limited to a maximum of 50 MPH | Freight and Mixed, Maximum | With AC-1, 2, and 3 Engines | Engines and Motors Backing | F-1, 3, 4, 5 Mk 2, 4, 5, 6, 8 9 and AM Engs. | GS Mt-1, 3, 4, 5 E, M, T, A and P | C-2 to C-10 Inc. | C-4, 15, 17 Mk-2, 4, 5, 6, 8, 9 AM, AC-1, 2, 3, 4, 5, 6, 7, 8 | Switch Engines S-SE Class |
| 2 2 2 3 3 3 4,5 4,5 6 11 11 11 11 11 11 11 11 12 12 12 | Sacramento—Roseville No. 2 Track Roseville—Colfax No. 2 Track Colfax—Truckee No. 2 Track Truckee—Sparks No. 2 Track Truckee—Sparks No. 2 Track Sparks—Truckee No. 1 Track Truckee—Loomis No. 1 Track Truckee—Loomis No. 1 Track Loomis—Roseville No. 1 Track Roseville—Sacramento No. 1 Track Davis—M.P. 92.0 M.P. 92.0—M.P. 129.5 M.P. 129.5—Gerber Roseville—Tehama Harrington—Wyo via Colusa Willows—Fruto Sacramento—Isleton Grace—Josephine Marchant—Karnak Knights Ldg. Jct.—End of track Chico—M.P. 188 (Stirling City Branch) M.P. 188—Stirling City Dantoni Jct.—Dantoni Truckee—Lake Tahoe Woodland—Marysville Marysville—Oroville Brighton—Folsom Citrus—Fair Oaks | 40 35 40 40 35 50 60 60 50 30 30 30 30 20 20 20 20 20 20 40 | ••••• | 55 40 35 40 40 35 45 55 55 55 55 50 | 40 40 40 35 40 40 40 40 40 40 25 20 20 20 20 20 20 22 20 20 20 20 20 20 | 60 40 35 40 40 35 50 60 60 60 50 30 20 30 30 15 30 20 20 20 20 20 20 20 | 40 35 20 30 30 20 35 40 40 40 40 35 25 15 20 20 20 21 20 20 25 20 20 20 20 | 25 25 20 25 20 20 25 25 25 25 25 25 25 25 25 25 | 30 30 15 30 15 30 30 30 30 30 30 30 15 15 15 10 10 15 15 10 30 | 35 35 30 35 35 30 35 35 35 35 35 35 35 | 40 40 30 35 35 30 40 40 40 40 25 15 25 25 25 25 25 | 35 30 25 30 30 25 35 35 35 35 20 20 20 20 20 20 20 25 35 | 30 30 30 30 30 30 30 30 30 30 30 20 15 20 20 20 20 25 12 | 20 20 20 20 20 20 20 20 20 20 20 20 20 2 |
| 12 12 | Folsom—Placerville. Through Crossovers, Turn-outs, and on all tracks except main tracks. | 25 | | 10 | 20 20 10 | 25 25 15 | 20 {Mixed20 {Frt. 15} | 10 | 15 . 12 . 10 | 15 | 20 25 15 | 20 15 15 | 20 15 10 | 20 20 15 |

| | · · · · · · · · · · · · · · · · · · · | | | | PASSENGE | R | | | FREIGHT | | LIG | HT ENGIN | ES RUNNI | NG FORW | /ARD |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Page No. | A CONTRACT CONTRACT OF THE CON | Maxi- mum | With F 1, 3, 4, 5 and AC 4, 5 Cross- Counter Balanced AC, 7, 8 | With T 1, 8 to 23, 28, 31, 34, 36, 57, 58 M Mk 5 to 9 Engines | With C 2 to 10 | Mk 2, 4 and 10 G. N. Ry. F 5 | AC 4, 5, 6 F 1, 3, 4, 5 not | With AC 1, 2, 3 Engines | Freight and Mixed Maxi- mum | Engines and Motors Backing | Maxi- mum | Mt C 2 to 10 C 18, 19 Mk 5 to 9 F 3, 4, 5 | AC 4, 5, 6, 7, 8, AM C 15, 17 TW Mk 2, 4 and 10 G. N. Ry. F 5 | AC 1, 2, 3 | Switch Engines S-SE Class |
| 7 7 7 7 7 7 | Gerber and M.P. 223.4 at Red Bluff. Red Bluff and M.P. 233.6 at Hooker. M.P. 233.6 and M.P. 258.2 at Redding. Redding and one mile east of Middle Creek. One mile east of Middle Creek and Dunsmuir. Exception: Eastward freight trains one mile east of Middle Creek and Dunsmuir. | 70 60 70 40 30 | 55 55 55 40 25 | 50 50 50 40 30 | 45 45 45 40 30 | 40 40 40 40 40 30 | 45 45 45 40 25 | 40 40 40 40 20 | 40 40 40 35 20 | 30 30 30 25 15 | 40 40 40 40 40 30 | 35 35 35 35 25 | 30 30 30 30 25 | 30 30 30 30 20 | 20 20 20 20 20 20 20 |
| 8 8 8 8 8 8 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10 | Dunsmuir and Azalea. Azalea and Mt. Shasta. Mt. Shasta and Deetz. Deetz and Black Butte. Black Butte M.P. 345 and M.P. 355½ Cascade Line. M.P. 355½ and Klamath Falls. Klamath Falls and M.P. 479½. M.P. 479½ and M.P. 498. M.P. 498 and Crescent Lake. Black Butte and Edgewood. Edgewood and Snowdon. Snowdon and Ager. Ager and Thrall. Thrall and Hornbrook. Hornbrook and Hilt. Hilt and Cole. Cole and M.P. 425. M.P. 425 and Ashland. Alturas and Canby. Canby and Ambrose. Ambrose and Klamath Falls. Alturas and Lakeview. Dredger Fills, Worden and Midland. Dredger Fills, Worden and Ouxy. Through Crossovers, Turn-outs and on sidings. Trains handling logs loaded on flat or logging cars, Tan | 25 30 50 25 35 60 60 65 50 25 30 25 30 25 30 40 25 40 30 55 60 60 55 | 25 25 50 25 35 55 55 55 25 25 25 25 25 25 25 25 25 25 | 25 30 50 25 35 50 50 50 25 30 25 30 25 40 25 40 50 50 | 25 30 45 25 35 45 45 45 45 25 30 25 30 25 30 45 45 45 45 45 45 45 45 45 45 45 45 45 | 25 30 40 25 35 40 40 40 40 25 40 25 30 25 30 25 40 40 25 40 40 40 25 40 40 25 40 40 40 40 40 40 40 40 40 40 40 40 40 | 25 45 45 45 45 45 45 45 45 45 45 45 45 45 | 20 20 40 20 35 40 40 40 20 40 20 20 20 20 20 40 40 40 40 40 40 40 40 40 40 40 40 40 | 20 20 35 20 25 40 40 20 35 20 20 15 20 30 35 30 35 30 20 35 35 20 35 35 35 35 35 35 35 35 35 35 35 35 35 | 15 15 15 25 16 20 30 30 30 30 15 25 15 15 15 20 15 20 20 30 30 30 30 30 30 30 30 30 30 30 30 30 | 25 26 40 25 35 40 40 35 35 25 40 25 30 25 40 25 40 25 40 25 40 25 40 25 | 25 25 35 35 35 35 35 35 20 25 25 25 25 25 25 35 35 | 25 25 30 25 30 30 30 30 20 25 25 25 25 25 25 30 25 30 25 30 30 30 30 30 30 30 30 30 30 30 30 30 | 20 20 30 20 30 30 30 30 30 20 20 20 25 20 20 20 30 30 30 30 30 30 30 30 30 30 30 30 30 | 20 20 20 20 20 20 20 20 20 20 20 20 20 2 |

SPECIAL INSTRUCTIONS

Remove rail locks before attempting to move table.

Properly line table and reset rail locks before moving engine on or off table and enginemen must know that it is properly lined before attempting to move engine on table.

Release brake before moving turn-table and do not apply brake unless control handle is in the "off" position.

To Move Turn-table: Turn controller handle around to the third or fourth point allowing about one second on each point.

To Stop Turn-table: Turn controller rapidly to "off" position.

Allow turn-table to come to stop before reversing motor.

In case of trouble notify operator at Norden office, who will call maintainer.

Turn-table must be left lined and locked for east lead to eastward track.

Normal position turn-tables on Truckee District will be as follows: Emigrant Gap... East approach, with motor on east end.

Norden......East approach to eastward track.

Trainmen and enginemen using these turn-tables must leave them lined as shown above.

SPEED RESTRICTIONS SPEED TABLE

| SPEED PER HOUR | 1 MILE IN MINUTES SECONDS | | 1 MILE IN MINUTES SECONDS | SPEED PER HOUR | 1 MILE IN MINUTES SECONDS | SPEED PER HOUR | 1 MILE IN MINUTES SECONDS | | 1 MILE IN MIN. SEC. |
|--|---|--|--|--|--|--|--|--|--|
| 6 8 10 12 15 16 17 18 19 20 21 22 23 | 10.00 7.30 6.00 5.00 3.45 3.31 3.20 8.00 2.51 2.43 2.36 | 25 26 27 28 29 30 31 32 34 35 36 37 | 2.24 2.18 2.13 2.08 2.04 2.00 1.56 1.49 1.45 1.45 1.42 1.40 | 39 40 41 42 43 44 45 46 47 48 49 50 51 | 1.33 1.30 1.27 1.25 1.23 1.21 1.20 1.18 1.16 1.15 1.13 1.12 1.10 | 53 54 55 56 57 58 50 61 62 63 64 65 | 1.08 1.06 1.05 1.03 1.02 1.01 1.00 0.59 0.58 0.57 0.55 0.55 | 68 69 70 72 74 75 76 78 80 82 84 85 95 | 0.53 0.52 0.51 0.50 0.49 0.47 0.46 0.45 0.44 0.43 0.42 0.43 |

Speed restrictions for engines are shown in speed restriction table; however, attention is called to the following maximum speeds at which tenders may be operated:

Tenders having water capacity 7,000 gallons or less, except classes 70-R-1 and 70-SC-1, maximum speed 50 MPH.

Following engines are cross counter-balanced and are permitted a maximum speed of 75 MPH.

GS-1, 2, 3, Mt 1, 2, 3, 4, 5.

P-7, 8, 10, 12; 2461, 2462, 2463, 2464, 2465, 2467, 2469, 2471, 2472, 2473, 2474, 2475, 2476, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 3120, 3121, 3122, 3123, 3124, 3126, 3127, 3128, 3129.

Following engines are cross counter-balanced and are permitted a maximum speed of 55 MPH when handling passenger trains.

F-1, 3, 4, 5; 3619, 3625, 3627, 3634, 3636, 3652, 3656, 3658, 3665, 3666, 3676, 3677, 3681, 3685, 3687, 3692, 3706, 3709, 3711, 3716, 3727, 3728, 3737, 3742, 3752, 3765.

AC-4, 5; 4100, 4101, 4102, 4103, 4104, 4105, 4107, 4109, 4110, 4111, 4112, 4113, 4114, 4115, 4116, 4117, 4118, 4119, 4120, 4121, 4122, 4123, 4124, 4125.

Where mail, papers, or ice are to be dispatched from passenger trains at points where train does not stop, slow down sufficiently to permit safe dispatch without hazard, and will stop at such stations for this purpose if train is moving on adjoining track between passenger train and point of

Engines operated coupled tender to tender must not exceed speed permitted engines running backward.

Streamliner "CITY OF SAN FRANCISCO" must not exceed maximum speed authorized by Streamliner slow boards when operating on single track or with the current of traffic on double track and must not exceed speed allowed other passenger trains when operating against the current of traffic.

Speed prescribed by slow boards or special instructions must not be exceeded unless authorized by Streamliner slow boards and speed prescribed by bulletin or train order for steam passenger trains must not be exceeded.

| SPEED OVER STREET CROSSINGS WITHIN CITY LIMIT | TS |
|---|----------|
| | MPH |
| Reno | 20 |
| Lincoln | 35 |
| Woodland, Main and Court Sts | 12 |
| Willows | 40 |
| Orland, Walker St. $\{Passenger$ | 35 25 |
| Corning | 40 |
| Roseville, Lincoln St | 12 |
| Roseville, Lincoln St | 25 |
| Redding | 25 |
| Chiloquin | 25 |
| | |

| Page | Class of Engine | Station-Territory-Structure | MPH |
|---------------|--------------------|--|----------|
| All | S&SE | On curves | 15 |
| All | Motors | Backing thru yards and over highway crossings | 10 |
| All | All | Freight trains on descending grades, while passing | |
| | | passenger trains | 15 |
| All | | Locomotive cranes moving in trains with flexible or | 18 |
| All | | swivel truck trailing | 10 |
| (111 | • • • • | or when running against the current of traffic | |
| | | on double track under authority of dwarf signals | 25 |
| 2 | All | Eastward trains: From M.P. 102.6 to M.P. 104.14 | |
| | | Streamliner diesel power unit | 50 |
| | | Passenger trains | 40 35 |
| | | From M.P. 104.14 to M.P. 104.6 | 99 |
| | | Streamliner diesel power unit | 40 |
| | | Passenger trains | 30 |
| _ | .,, | Freight and mixed trains | 20 |
| 2 | All | From M.P. 104.6 to M.P. 108 on Roseville-Sparks line | 90 |
| | | Passenger trainsFreight and mixed trains | 20 15 |
| 2 | All | Eastward trains between Signal bridge just west of | 10 |
| _ | | Sparks Psgr station and Sparks Yard office | 12 |
| 2-3 | AC-1- | | |
| | 2-3 | On curves between Truckee and Loomis | 20 |
| 2-3 | All | Flangers, between Lawton and Loomis and be governed by other speed restrictions | 30 |
| 2-3 | All | Fire Trains, with water cars full | 25 |
| 2-3 | All | Fire Trains with water cars less than three-quarters | |
| | | full. Water cars must be kept full when possible | 20 |
| 2-3 | All | Trains handling loaded Flint hoppers | 25 |
| 3 3 | All All | Waiting room Norden just east of telegraph office. | 10 |
| ð | AII | Trains of empty express refrs. exclusively between Emigrant Gap and Loomis | 25 |
| 4-5 | All | Trains using track to Swanston feed yard Woodland | 10 |
| 4-5 | AC-4- | Cache Creek, between Woodland and Yolo89-A | |
| | 5 -6-7-8 | Stoney Creek, bet. Orland and Wyo166-D, 166-E | |
| | 101 | Thomas Creek, bet. Richfield and Tehama 182-A | 25 |
| 6 | AC-4- 5-6-7-8 | Bear River bridge, 1.2 Miles west of Wheat- | } |
| | 0-1-0 | land | |
| | | VIIIA 140-C | 1 |
| | | Deer Creek bridge, .8 Miles east of Vina 203-E | |
| e | A11 | Sacramento River bridge at Tehama | 25 |
| 6 | All | Eastward and westward trains moving over Rose- ville-Gerber line over Junction Switch at Tehama | 25 |
| 7 | All | Engines moving west over spur switch east end | 20 |
| - | | Lamoine siding | 10 |
| 7-8 | All | Between Signals 3208 and 3225 Dunsmuir Yard | 15 |
| 7-8- | AC-1- | Between Middle Creek and Mt. Shasta, Black Butte | |
| 10 | 2-3 | and Grass Lake, Ambrose and Canby, where slow boards show 25 MPH | 20 |
| 8-9 | All | Klamath Falls, between G. N. R. R. crossover to | _~~ |
| | | main track at M.P. 427.8 to Sixth Street viaduct | |
| | | M.P. 429.1 | 30 |
| | | Between Sixth St. viaduct M.P. 429.1 and signal | 1 - |
| 7.0 | All | at underpass M.P. 429.9 | 15 |
| 7-8- 9-10 | All | bridges and crossings: | |
| J 10 | | bridges and crossings: Sprague River bridge, west of Chiloquin | |
| | | Dry Canyon viaduct between Hotlum and Bolam | } |
| | | Klamath River bridge, east of Klamathon | |
| | | All crossings Sacramento river, except 2nd, 4th, | _ |
| a | All | 5th, 14th, 15th, 17th and 18th | 5 8 |
| 9 | All | Passenger trains on house track at Algoma Chiloquin, from stem of wye to log pond | . 6 |
| 10 | All | Hornbrook, engines using wye, enter on west leg and | " |
| ΤÜ | | | |

| | Class of Engine | Station-Territory-Structure | мрн |
|----|--------------------|---|-----|
| 10 | All | On curves Alturas and Lakeview freight and mixed | 25 |
| 12 | All | Trains having cars loaded with ore or high loads of | |
| | | lumber on curves 7 degrees or over, on Placerville | i |
| | | Branch | 12 |
| 12 | All | Mather Field spur | 10 |
| 11 | All | Engines on balloon track Lake Tahoe | 8 |
| 12 | All | Over RR Crossing, Bridge St., east of Yuba City | |
| | | Station | 12 |
| 12 | All | Trains handling logs, thru Tunnel No. 1 | 5 |

(UNLESS OTHERWISE FURTHER RESTRICTED BY TIME-TABLE, SLOW BOARDS OR TRAIN-ORDER)

when speed indicated is 15 MPH or less be governed by slow

must not exceed 20 MPH.

When all weight has been removed from one wheel of any pair drivers,

speed must not exceed 30 MPH.

Blocking of leading drivers of an engine, in order to redistribute weight, should not be attempted as this may cause derailment.

All cars handled in passenger trains must be equipped with steeltired or all steel wheels.

Wooden passenger-carrying cars, wooden baggage, express and other head end cars, unless equipped with steel center sills and steel platforms must not be used in passenger trains. Speed of trains handling such cars restricted to 40 MPH.

If consist of train includes both wooden and steel passenger-carrying cars, the wooden cars must be kept together and handled on rear.

Slow boards at west switch Truckee No. 1 track, east switch Loomis No. 1 track and west switch Colfax No. 2 track, with figures 35 on upper left side, 30 on lower left side, and 20 on right side.

35 represents speed allowed for passenger trains on tangent track.

30 represents speed allowed for passenger trains on curves.

20 represents speed allowed for freight trains.

Trains consisting of engine and caboose only, may operate at speed authorized for AC 4, 5, 6, 7 and 8 class engines running light between Roseville and Sparks.

No. 290 will be permitted speed of 40 MPH when handling freight cars in territory otherwise restricted to 35 MPH.

Trains consisting of engine and caboose only, may operate at speed of 25 MPH between Middle Creek and Mount Shasta.

Trains consisting of engine, flanger and caboose may operate at maximum allowable speed of freight trains. In curve territory on the Shasta Division where maximum speed of passenger trains is 30 MPH flangers will be permitted to operate at same speed.

LOCATION OF OVERHEAD AND SIDE STRUCTURES NOT STANDARD CLEARANCE

| М. Р | | DESCRIPTION |
|------------------------------|---|---|
| | | SACRAMENTO YARD |
| | Sacramento River Bridge. | , |
| | Shop Yard | Oil House West of Store No. 1 Side |
| | Shop Yard | Track No. 2, Car Shop No. 9Side |
| | Shop Yard | Track No. 3, Car Shop No. 9 |
| | Shop Yard | Track No. 5, Car Shop No. 9 |
| | Shop Yard Shop Yard Shop Yard Shop Yard Shop Yard Shop Yard Shop Yard Shop Yard Shop Yard | Sand spurs Nos. 1 and 2 Overhead Track No. 2, Car Shop No. 9 Side Track No. 3, Car Shop No. 9 Side Track No. 4, Car Shop No. 9 Side Track No. 5, Car Shop No. 9 Side Track No. 9, Car Shop No. 9 Side Track No. 9, Car Shop No. 9 Overhead and Side Roundhouse spur |
| | Shop Yard | Roundhouse spur Side Roundhouse spur Side Track No. 2 Bone Yard Track Side Track No. 3 Laundry Side Track No. 2 Sorap Dock Side Track No. 2 Sorap Dock Side |
| | Shop Yard | . Track No. 3 Laundry Side |
| | Shop Yard | Track No. 3 Scrap Dock Side |
| | 6th and I Streets | Track No. 3 Scrap Dock Side Cowell Lime & Cement Co. Bldg. Overhead and Side Western Most |
| | 6th Street | New Foundry Track Side |
| | 6th Street | |
| | R between 11th and 12th. | . Lawrence Wordhouse Side |
| | R between 21st and 22nd. R between 21st and 22nd. | Barley spur Buffalo Brewery |
| | 21st and R | Buffalo Brewery PlantOverhead and Side |
| | 25th and R B between 11th and 12th. | Unloading pit, Sacramento Rock and Sand Co. Side |
| | B between 8th and 9th | Consumers Ice Co. Track Side |
| | 3rd to 6th Streets | Track No. 4 Rolling Mill Side Water Tank Side |
| | 6th Street 15th and N. B. Streets | Unicading bit center of Track, Golden Gate Atlas spur |
| | 13th and 14th on B St 4th and R Streets | Unloading pit center of Track, Clark and Henry spur |
| | 5th and R Streets | Virden Packing Co. spurOverhead and Side |
| | Front St. between M & N. Walnut Grove Connection. | Virden Packing Co. spur Overhead and Side Sacramento Northern Guy Pole Side 2nd Street to Front St. Yard Overhead |
| | Front St. between H & I. Bet. tracks No. 1 and No. 2 | Stulsaft spur |
| | Bet. tracks No. 1 and No. 2 Bet. tracks No. 2 and No. 3 | Stulsaft spur. Overhead South end of old freight shed Front St. Side South end of new freight shed Front St. Side |
| | American River Bridge | South end of new freight shed Front St. Side Side |
| | | |
| .06.6 | ROSE Roseville | VILLE-SPARKS—EASTWARD |
| | 1 | Icing track, PFE track No. 2 and New Icing track, PFE plant |
| 06.6 06.6 | Roseville Yard | Track No. 3, Heavy RipSide |
| 06.6 | Roseville Yard | Track No. 5, Heavy RipSide |
| 06.6 06.6 | Roseville Yard | Track No. 6, Heavy RipSide |
| 10.6 | Rocklin | Kesty Quarry spurOverhead |
| 10.6 10.6 | Rocklin | Henderson Quarry spurOverhead and Side |
| 10.6 | Rocklin | Elickson Quarry spurOverhead |
| 10.6 10.6 | Rocklin | Elickson Quarry spur. Overhead Cal. Granite spur, Rocklin, Quarry Side Stock Chute on Corral Track Side |
| 14.2 | E. of Rocklin | Antelope Creek bridgeSide |
| 14.7 | E. of Rocklin | Tunnel No. 15Side and Overhead |
| 17.3 20.5 | E. of Lincoln Ave., Penryn | Stock Chute on Corral Track |
| 22.7 23.1 | E. of Newcastle E. of Newcastle | Tunnel No. 18 |
| 23.1 24.6 | E. of Newcastle | Tunnel No. 20Side and Overhead |
| 1.2 | E. of Nev. St., Auburn E. of Bowman | Tunnel No. 22Side and Overhead Tunnel No. 22Side and Overhead |
| $\frac{32.7}{32.9}$ | E. of Clipper Gap | Tunnel No. 23Side and Overhead |
| 33.1 | E. of Clipper Gap E. of Clipper Gap | Tunnel No. 23 |
| 33.3 33.8 | E. of Clipper Gap | Tunnel No. 26Side and Overhead |
| 34.8 | E. of Clipper Gap E. of Applegate | Tunnel No. 27Side and Overhead Tunnel No. 28Side and Overhead |
| 35.9 38.7 | E. of Applegate | Tunnel No. 29Side and Overhead |
| | E. of N. E. Mills E. of Lander | Tunnel No. 30. Side and Overhead Tunnel No. 31. Side and Overhead |
| 9.4 | E. of Lander | Tunnel No. 32 Side and Overhead Automatic Signal Nos. 1420, 1421 and 1425. Side Water Col. west of Station W. B. Side |
| 1.7 | Colfax | Water Col. west of Station W. B. Side |
| 1.7 | Colfax E. of Colfax | P. F. E. Icing Platform Side Tunnel No. 33 Side and Overhead |
| 11.7 11.7 11.7 15.3 | E. of Colfax | 1 linnel NO. 34 Side and Overhead |
| 2.2 | Gold Run | Mail Crane Side Water Tank West end of Yard Side |
| 2.4 | Gold Run. E. of Gold Run | Oll and water columns |
| 5.5 1.8 | Blue Canon Emigrant Gap Station | Water ColumnsSide |
| 3.0 | Smart | Signal 1718 Signals 1736-1737 |
| 35.0 | Troy, Snowshed West End Summer Siding | |
| 7.0 | Eder, East of Snowshed | Signal 1846 Signals 1978-1979 |
| 08.0 08.0 | Truckee | Roundhouse portals |
| 12.9 | Truckee | Oilsump doorwaysSide Transfer trackSide |
| 12.9 34.3 | Reno Knapp | Transfer track Side Buffalo Brewing Co. platform Side Tunnel No. 1 Side and Overhead |
| 34.8 | Knapp to Andover | Snow shedsSide and Overhead |
| 0.6 | Armapp to Andover | Show shedsSide and Overhead |

| M. P. | LOCATION | DESCRIPTION |
|------------------------------|--|--|
| | SPAR | KS-ROSEVILLE—WESTWARD |
| 164.8 201.3 | Andover to Knapp | Snow shedsOverhead and Side |
| | Tunnel No. 6 | |
| 195.7 195.4 | West of Donner | Bunker on No. 3 apur Side Tunnel No. 12 Overhead and Side |
| 195.1 | West of Donner | Tunnel No. 10 |
| 194.9 | West of Donner | Tunnel No. 9 Overhead and Side |
| 194.3 194.1 | West of Donner | Tunnel No. 8Overhead and Side |
| 193.7 | West of Donner West of Donner | Tunnel No. 7 |
| 181.0 | West of Tomornale | Tunnel No. 4 |
| 180.7 164.3 | West of Tamarack | Tunnel No. 3Side and Overhead |
| 132.6 | West of Knapp West of Applegate | Tunnel No. 9 |
| 124.5 | Auburn | Ford & Son Warehouse, hill track |
| 124.5 124.5 | Auburn | Lowell Warehouse, hill trackSide |
| 124.5 | Auburn | House Track Auburn I & Caiding |
| 124.5 | Auburn | House Trock Ford & Son werehouse siding Side |
| 122 | West of Flint | Cut West of 122Side |
| j | West of Flint | Cut West of 122-GSide |
| | West of Flint | Bloomer CutSide |
| 120.1 113.9 | Newcastle | Tunnel No. 18Side and Overhead |
| 113.9 | Loomis | Cit west of 122-H |
| | | |
| 04 0 | Ben Ali | SACRAMENTO-GERBER |
| 94.9 117.0 | Lincoln | Cannon Phillips spur Overhead and Side Diamond Match Co., Lumbershed Side |
| | Clayton | Stockton Fire Brick Co., spur |
| 140.8 | Marysville | Stockton Fire Brick Co., spur |
| 140.8 | Marysville | W. T. Ellis Warehouse |
| 122.0 | Marysville, E Street | Buckeye Mill platformSide Yuba Construction Co., platformSide Rice Mill SidingSide and Overhead |
| 61.4 | Biggs | Rice Mill SidingSide and Overhead |
| | | DAVIS-TEHAMA |
| 84.9 | Woodland | West end of Globe Rice Mill Overhead and Side |
| 24.2 | Williams | Bartlett Water Co., shed platformSide Stoval-Wilcox platformSide and Overhead |
| 24.2 | Williams | Williams Warehouse Co., platformSide |
| 9.9 | Willows | Glenn County SpurSide |
| 1 | | WYO-HARRINGTON |
| 20.8 | Grimes | |
| 45.9 | Princeton | Water SpoutOverhead |
| 50.4 65.9 | Codora | Warehouse 0:J. |
| 7.4 | Hamilton | Bleet pulp dryer 285 feet east of hav been |
| 1.4 | Hamilton | Beet pulp dryer, 285 feet east of hay barn, Holly Sugar CoSide and Overhead |
| | | OODLAND-OROVILLE |
| 11.4 | Tudor! | Water Tank Side |
| 12.4 | Abbot | Earl Fruit Co., bldg, siding. Side |
| 20.4 35.0 | Yuba City Honcut | Earl Fruit Co., bldg. siding. Side S.N.R.R. trolley wire, East of depot. Overhead Station platform. Side |
| 25 A 1 | Honout | |
| 17.9 | Oroville | C. L. Bills cement warehouse |
| 7.9 | Oroville | Olive Produce Co. porchSide |
| "." | O.C. C. | loe House platformSide |
| | SAC | RAMENTO-PLACERVILLE |
| | Sacramento, 23rd and R | Contractors' spur, building |
| 94.8 1 95.9 1 | Brighton | Unloading pit center of track A. Teichert Co. spur |
| 98.9 | Mayhew. | Humphrey Packing house platform Side |
| 0001 | MayhewCothrin | Onloading pit center of track A. Teichert Co. spur Perkins' Store Side Humphrey Packing house platform Side Earl Fruit Co. platform Side |
| 98.9 | Latrobe | TOOK OULT, THE TOTAL STATE OF TH |
| | East of Latrobe | Rock Cut. Side Rock Cut. Side |
| 26.4 26.5 | | Pook Cut |
| 26.4 26.5 | East of Latroba | |
| 26.4 26.5 | East of Latroba | Water TankSide |
| 26.4 26.5 28.6 48.7 | East of Latrobe | Water TankSide |
| 26.4 26.5 28.6 48.7 | East of Latrobe | Water TankSide |
| 26.4 26.5 28.6 48.7 | East of Latrobe | Water TankSide |
| 26.4 26.5 28.6 18.7 | East of Latrobe | Water TankSide |

SHASTA DIVISION

| M.P. | BETY | WEEN | Structure | Height | Crossing |
|----------------|----------------|---------------|--------------------|------------|------------------|
| 258.2 | Redding | | Bridge | 21'8" | |
| 276.6 | Kennet | Pitt | Tunnel No. 2 | 17'10' | ĺ |
| 278.9 | Pitt | | Tunnel No. 3 | | 1 |
| 286.4 | Elmore | Antler | Bridge No. 3 | 21'11' | Sacramento River |
| 288.9 | Pollock | | Tunnel No. 6 | 21'2" | 1 |
| 295.6 | Smithson | | Tunnel No. 7 | 18' 61%' | İ |
| 301.8 | Lamoine | | Bridge No. 6 | 21'9" | Sacramento River |
| 302.2 | Lamoine | | Bridge No. 7 | 21'5" | Sacramento River |
| 305.3 | Gibson | | Bridge No. 8 | 21'6" | Sacramento River |
| 305.4 | Gibson | | Tunnel No. 9 | 17'11' | |
| 306.7 | Fisher | | Bridge No. 9 | 21'6" | Sacramento River |
| 307.0 | Fisher | | Tunnel No. 10 | 18′1″ | |
| 308.6 | Fisher | | Bridge No. 10 | | Sacramento River |
| 308.9 | Gibson | Sims | Bridge No. 11 | 21'6" | Sacramento River |
| 310.3 | Sims | | Bridge No. 12 | 23′9" | Sacramento River |
| 325.0 | Shasta Retreat | | Bridge No. 16 | 21 '10 " | Sacramento River |
| 329.4 | Cantara | Mott | Tunnel No. 12 | 18′10⅓′ | _ |
| 336.7 | Mount Shasta. | | House track | | Sheldon Bldg. |
| 390.9 | Thrall | Hornbrook | Bridge | 21 ' 61/2" | Klamath River |
| 411.3 | Gregory | | Tunnel No. 13 | 18'00' | |
| 414.6 415.2 | Siskiyou | | Tunnel No. 14 | 18'7" | |
| 419.9 | Siskiyou | Wall Creek | Tunnel No. 15 | 18' 4" | |
| 419.9 | Steinman | Mistletoe | Tunnel No. 16. | 18'0' | |
| 407.8 | Steinman | ~:: | Water tank | | |
| 410.0 | Dorris | Calor | Tunnel No. 1 | 21' 2' | |
| 427.1 | Dorris | Calor | Tunnel No. 2 | 21' 2' | |
| 456.0 | Texum | Klamath Falls | Highway Bridge | 21'9' | S. P. Tracks |
| 438.9 | Lobert | Chiloquin | Bridge | 23'7" | Sprague River |
| 512.3 | AlgomaLakeview | Planer Shed | | | |
| 012.3 | Lakeview | Onderwood Lun | aber Co. Spur. Sta | irbird Lum | ber Co. Spur. |

Tracks adjacent to P. F. E. icing platforms at Roseville, Klamath Falls, Ashland and Consumers Ice and Cold Storage Company, Sacramento, have side clearance of less than 7 ft. 8 in.

Employees are warned that it is dangerous to stand erect on top of cars or to ride on side of cars while passing these points and that they must protect themselves from injury.

ALARM BOX LOCATIONS KNAPP TO ANDOVER

| Box No. | LOCATION | M, P, |
|---|--|---|
| 45 65 1167 18 19 1 22 22 24 25 6 27 8 29 1 22 3 3 3 4 4 2 4 4 5 6 7 4 8 9 5 5 2 4 4 3 4 4 5 5 5 5 4 | Signal 1734, ½ mile east of M.P. 173 On top east end of Shed No. 10 900 feet east of Signal 1794 300 feet east of east portal Tunnel No. 1 Signal 1707, 500 feet east of west switch Emigrant Gap. 150 feet east of crossover Emigrant Gap. Between Smart and Emigrant Gap. Between Smart and Yuba Pass. Between Smart and Yuba Pass. Between Smart and Yuba Pass. Signal 1761, highway overhead bridge Yuba Pass. 300 feet east of M.P. 177 West end of center siding Crystal Lake. West end Butte Canyon bridge. 200 feet west of crossover Cisco. East portal Tunnel No. 39. Between Tamarack and Cisco. ½ mile west of west switch Troy on No. 1 track. 200 feet east of east switch Troy on No. 2 track. East end lower Cascade Bridge. ½ mile east of upper Cascade Bridge. Switch of cook car spur track No. 1 Norden. 1000 feet east Tunnel No. 6. Between Tunnels No. 8 and No. 9. 100 feet east of east portal Tunnel No. 10 West switch Donner. 1000 feet east of section house Eder. 500 feet east M.P. 198, west end shed No. 46. ½ mile east M.P. 198, west end shed No. 47. Signal 1994. ½ mile east M.P. 199. 300 feet west of west portal Tunnel No. 13. Opposite section house Andover At Andover station. In turntable house Norden. East switch of run-around, track No. 2 Norden. | 173 ½ 179 ½ 179 ½ 173 174 175 177 178 179 180 181 183 194 195 197 198 199 ½ 200 |
| | | |

Code signals following box numbers are as follows:
One—East. Two—West. Three—Broken rail. Four—Track men.
Five—Slide. Six—Fire.

SPECIAL AUTOMATIC ALARM BOXES

- 8 Slide, east end Crystal Lake shed No. 2 track.
 12 Fire, shed Andover crossover.
 14 Fire, shed west end Tunnels No. 13 and No. 42, Andover.

LIST OF SURGEONS

| LOCATION | NAME | TITLE |
|-----------------------|--|--|
| San Francisco. | Dr. C. A. Walker | Chief Surgeon and Manager. |
| Sacramento | Dr. A. M. Henderson | Division Examiner and Surgeon |
| Sacramento | Dr. W. W. Cress | Division Surgeon. |
| acramento | Dr. W. N. Becker | District Surgeon. |
| Sacramento | Dr. Arthur F. Wallace. | Assistant District Surgeon. |
| Sacramento | Dr. J. Roy Jones Dr. E. C. Turner | Aurist. |
| Roseville | Dr. L. E. Jones | Oculist. District Examiner and Surgeon |
| Roseville | Dr. J. F. McAnally | Associate District Surgeon. |
| Loomis | Dr. P. D. Barnes | District Surgeon. |
| Newcastle | Dr. L. B. Barnes | District Surgeon. |
| Auburn | Dr. J. A. Russell | District Surgeon. |
| Colfax | Dr. F. Lynn Smith | District Surgeon. |
| Truckee | Dr. J. H. Bernard | District Examiner and Surgeon |
| Reno | Dr. W. H. Hood | Consulting Surgeon. |
| Reno | Dr. Horace J. Brown | Division Examiner and Surgeon |
| Reno | Dr. Leo F. Corvino | State of Nev. |
| Reno | Dr. C. W. West | Associate District Surgeon. |
| Reno | Dr. John A. Fuller | District Surgeon. |
| Reno | Dr. Earle C. Creveling. | Oculist and Aurist. |
| Lincoln | Dr. A. W. McArthur | Emerg. Oculist and Aurist. |
| Wheatland | Dr. F. W. Didier | District Surgeon. District Surgeon. |
| Marysville | Dr. E. E. Gray | District Examiner and Surgeon |
| Marysville | Dr. Samuel A. Morris | Oculist and Aurist. |
| Live Oak | Dr. I. W. Higgins | District Surgeon. |
| Gridley | Dr. W. S. Lavy | District Surgeon. |
| Biggs | Dr. J. Radford Linn | Emergency Surgeon. |
| Durham | Dr. J. L. Doyle | District Surgeon. |
| Chico | Dr. N. T. Enloe | District Surgeon. |
| Chico | Dr. D. H. Moulton | District Surgeon. |
| Stirling City | Dr. Harry E. Balch | District Surgeon. |
| Los Molinos | Dr. James L. Faulkner. | District Surgeon. |
| Gerber | Dr. F. J. Bailey | District Examiner and Surgeon |
| Davis | Dr. Thomas E. Cooper. | Emergency Surgeon. |
| Davis | Dr. Leo A. Cronan | Emergency Surgeon. |
| Woodland | Dr. Fred R. Fairchild | District Surgeon. |
| Arbuckle | Dr. H. S. Powis | District Surgeon. |
| Williams | Dr. Charles F. Keith | District Surgeon. |
| Colusa | Dr. Virgel E. Hepp | District Surgeon. |
| Willows | Dr. Frank M. Lawson | District Surgeon. |
| Orland | Dr. T. H. Brown | District Surgeon. |
| Corning | Dr. H. H. Beck Dr. E. A. Kusel | District Surgeon. District Surgeon. |
| Oroville Fair Oaks | Dr. G. M. Kennedy | Emergency Surgeon. |
| Folsom | Dr. L. H. Sanborn | Emergency Surgeon. |
| Placerville | Dr. W. A. Reckers | District Surgeon. |
| Hamilton | Dr. Mary B. Poket | Emergency Surgeon. |
| Yuba City | Dr. B. F. Miller | District Examiner and Surgeon |
| Walnut Grove. | Dr. V. W. Pallesen | District Surgeon. |
| Isleton | Dr. Godfrey Steinert | District Surgeon. |
| Lake Tahoe | Dr. C. B. Pedersen | Emergency Surgeon. |
| Dunsmuir | Dr. E. J. Cornish | District Examiner and Surgeon |
| Dunsmuir | Dr. Eugene V. Anderson | District Examiner and Surgeon Associate District Examiner an |
| Dunsmuir | Dr. R. J. Merret | Surgeon. |
| Mt. Shasta | Dr. Jas. B. McGuire | |
| Weed | Dr. H. L. Vidricksen | |
| Montague | Dr. Chas. Pius | District Examiner and Surgeon |
| Hilt | Dr. Roy F. Schlappi | District Surgeon. |
| Ashland | Dr. E. A. Woods | |
| Ashland | Dr. Harvey A. Woods | District Examiner and Surgeon |
| Red Bluff | Dr. F. L. Doane | District Examiner and Surgeon |
| Red Bluff | Dr. R. G. Frey | |
| Anderson | Dr. G. E. Flora | |
| Redding | Dr. C. D. Sewall | District Examiner and Surgeon |
| Redding | Dr. T. D. Wyatt | |
| Dorris | Dr. A. B. Gray | |
| Klamath Falls. | | |
| Klamath Falls | | |
| Klamath Falls | | |
| Klamath Falls. | Dr. E. D. Lamb Dr. J. Randolph Barr | |
| Tule Lake | Dr. J. Randolph Barr Dr. Marvin Nerseth | |
| Chiloquin | Dr. Marvin Nersetii Dr. John Stile | |
| Alturas Lakeview | Dr. C. E. Leithead | |
| Yreka | Dr. R. W. Jones | Control Vol. School Advisors (L. Lance de La |
| AIUNG | I WALLEY TT . GOMON | |

NOTE.—Emergency Surgeons should only be summoned for temporary treatment when prompt attention is required and when patients cannot be sent to or await arrival of Division or District Surgeon.

RATING OF ENGINES—SACRAMENTO AND SHASTA DIVISIONS—In M's of 1000 lbs. back of Tender

| NOMINAL CLASS | oppicial class | ENGINE NUMBERS | Boiler Pressure | Sacramento and Gerber Via Roseville | Roseville to Colfax Via Eastward Track | Colfax to Sparks Roseville to Colfax via Westward Track | Sparks to Truckee | Truckee to Summit | Davis and Gerber Davis and Marysville | Placerville to Folsom | Folsom to Placerville | Folsom to Sacramento | Sacramento to Foisom | Chico to Stirling City | Stirling City to Chico |
|-----------------------|---|--|--------------------|--|---|--|-------------------------|-------------------------|--|-----------------------------|-----------------------------|----------------------------|----------------------------|------------------------------|------------------------------|
| M-4 M-4 M-4 | M-63 20/28 126 M-63 20/28 128 S M-63 20/28 135 S | }1615 to 1713 | 190 | 4300 | 1050 | 690 | 1650 | 800 | 3400 | 1250 | 780 | 3750 | 2300 | | |
| M-6 M-6 | M-63 21/28 150 S M-63 21/28 153 S | 1725 to 1769, 1780 to 1803. | 200 | 5250 | 1300 | 870 | 2000 | 1000 | 4150 | 1550 | 990 | 4600 | 2850 | 530 | 980 |
| M-9 | M-63 21/28 150 S M-63 21/28 156 S | 1806 to 1822 1826, 1827 | 210 | 5550 | 1400 | 930 | 2150 | 1050 | 4400 | 1650 | 1050 | 4850 | 3000 | 570 | 1050 |
| M-9 T-1 | T-63 20/28 112 T-69 21/28 152 S | 2235 to 2271 | 180 200 | 3850 4800 | 900 1150 | 590 750 | 1400 1800 | 680 870 | 3100 3900 | 1100 1400 | 700 860 | 3350 4250 | 2100 2700 | 370 440 | 700 860 |
| T-26 T-23 | T-63 21/28 156 S-163 SF T-63 22/28 162 S | 2301 to 2310 | 210 210 | 5550 6050 | 1350 1500 | 920 1000 | 2100 2350 | 1050 1150 | 4400 4800 | 1650 1800 | 1050 1150 | 4850 5300 | 3000 3250 | 560 630 | 1040 1150 |
| T-28, 31 T-32 | T-69 23/28 174 S | 2363 to 2370 2372 to 2384 | } 210 | 6150 | 1450 | 970 | 2300 | 1100 | 5050 | 1800 | 1150 | 5400 | 3450 | | |
| C-9, 10 C-9, 10 | C-57 22/30 200 SF C-57 22/30 194 S | 2513 to 2599, 2750, 2752 to 2860. | 210 | 6650 | 1700 | 1150 | 2600 | 1300 | 5200 | 2000 | 1300 | 5800 | 3550 | | ļ |
| C-8 TW-8 | C-57 22/30 192 S TW-54 21/32 161 S | 2698 to 2749, 2751 2914 to 2921, 2923 | J 190 | 5850 | 1450 | 970 | 2200 | 1250 | 4450 | 1650 | 1100 | 4900 | 3000 | | |
| A-3 A-3 | A-81 20/28 112 S-116 SF A-81 20/28 120/B-64 SF | 3025 to 3071 | 210 | 3800 | | | •••• | | 2950 | •••• | | | | ••••• | |
| Mk2-4 Mk2-4 | Mk57 231/30 206 S Mk57 231/30222SF-230SF | 3200 to 3240 | 210 | 7650 | 1900 | 1250 | 2950 | 1600 | 5950 | 2200 | 1400 | 6650 | 4050 | | ······ |
| Mk5, 6 | Mk63 26/28 210 S-231 SF | | 210 | 8400 | 2100 | 1400 | 3250 | 1850 | 6600 7200 | 2500 | 1600 | 7400 | 4550 | | • • • • • • |
| Mk-7,8,9 Mk-7,8,9 | Mk-63 ²⁹ / ₈₀ 247 S Mk-63 ³⁰ / ₈₀ 257 SF | 3300 to 3324 | 176 | 9200 | •••• | •••• | •••• | | | •••• | | | •••• | | |
| F-4,5 F-5 | F-63 29 1/32306/B-61 SF. F-63 29 1/32306/B-62 SF. | 3668 to 3763, 3769 3764 to 3768 | | 11000 | 2750 | 1850 | 4300 4800 | 2400 2700 | 8600 9550 | •••• | •••• | •••• | •••• | | |
| AM-2 AC-1,2,3 | AM-63 22-22 357-SF AC-57 22-22441 SF | 3900 to 3911 | 210 210 | 12150 13300 | 3150 3400 | 2100 2150 | 5200 | 2750 | 10400 | ···· | •••• | | •••• | ļ | |
| AC-6 AC-7 | AC-63 24 24 517 SF AC-63 24 24 515 SF | 4126 to 4150 | 250 | 18500 | 4800 | 2900 | 7300 | 3700 | 14500 | •••• | •••• | | •••• | | |
| AC-8 VIt-1,3,4,5 | AC-63 24-24 532-SF Mt-73 28/30 246/B-60 SF. | 4300 to 4376 | 210 | 8950 | 2150 | 1400 | 3400 | 1850 | 6950 | •••• | •••• | | ••• | | |
| P-1,3,5 P-1 P-1 | P-77 22/28 141 S P-77 22/28 152 SF P-77 22/28 160/B-54 S | 2400 to 2452, 2459, 2460 | 210 | 4850 | 1100 | 700 | 1800 | 950 | 3800 | 1350 | 810 | 4300 | 2550 | ļ | |
| P-1 | P-77 22/28 163/B-54 SF. P-77 23/28 155/B-58 SF. | 2400 to 2427 2400 to 2437 | 210 | 5350 | 1250 | 780 | 2000 | 1050 | 4150 | 1500 | 900 | 4750 | 2800 | | |
| P-4 P-8, 10 | P-73 25/30 181 SF | 2461 to 2474, 2478 to 2483. | 200 | 6750 | 1550 | 990 | 2550 | 1350 | 5250 | | •••• | | •••• | | |
| P-8, 10 P-12 | P-73 25/30 183/B-63 SF. P-73 26/28 189 SF | 2475, 2484 to 2491 | 205 | 7000 | 2250 | 1450 | 3600 | 1950 | 7450 | | | | | ····· | l |
| GS-1 GS-2 | GS-73 27/30 262/B-104 SF GS-73 27/30 266/B-104 SF | 4400 to 4409 | 250 250 | 9550 9550 | 2250 | 1450 | 3600 | 1950 | 7450 | | | ••• | | ļ | |
| | ### A TOP A | Less than 40 M's | | 6 | l - 6 | 8 | 8 | 3 | 6 | 8 | 3 | 8 | e e | 6 | 6 |
| | Allowance for Empty a loaded Cars | Hu Under) An Min to so Min | | | 3 0 | 0 | 3 0 | 0 0 | 3 | 0 | 0 | 8 | 8 | 8 | 3 0 |

Note: Rating of eastward trains with two or more engines, classes AC-4, 5, 6, 7 and 8 will be single rating shown in column 3, Colfax to Sparks, multiplied by number of engines used, for the entire district, Roseville to Sparks.

These ratings include the total weight of train, exclusive of engine and tender, which the different class of engines will haul in each direction between the stations shown.

HOSPITALS

| GENERAL | SAN FRANCISCO |
|-----------------------|---------------|
| EMERGENCY | SACRAMENTO |
| 그 보고 말을 내고 있다면 하고 있다. | ROSEVILLE |

.....GERBER

.....SPARKS

RATING OF ENGINES—Sacramento and Shasta Divisions In Ms of 1000 lbs. Back of Tender

| Nominal Class | OFFICIAL CLASS | ENGINE NUMBERS | Boiler Pressure | Ashland and Horn- brook | and Edgewood | Snowdon to Edgewood to Horn- brook | brook | Gerber to Dunsmuir | Dunsmuir to Gerber | Black Butte to Grass Lake | Mt. Hebron to Dunsmuir | Grass Lake to Klamath Falls Crescent Lake to Mt. Hebron | Klamath Falls to Crescent Lake | Perez to Canby | Canby to Perez | Klamath Falls and Perez Canby and Alturas |
|----------------------|--|--|---------------------------------|----------------------------------|--------------------------------------|------------------------------------|------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------|---|--|----------------------|----------------------|---|
| T-28, 31 | T-63 22/28 162-S | 2311 to 2362 | 210 | 700 | 1100 | 2100 | 1500 | 1950 | 3750 | 1750 | 2600 | 5250 | 3050 | 2450 | 1050 | 3550 |
| C-9, 10 C-5, 8 | C-57 22/30 194-S, 200-SF C-57 22/30 185-S, 192-S | 2513 to 2599 | 210 | 800 | 1250 | 2400 | 1650 | 2150 | 4200 | 1950 | 2950 | 5850 | 3400 | 2750 | 1200 | 3950 |
| Mk-5, 6 | TW-54 21/32 161-S P-73 26/28 189-SF MK-57 23½/30 206-S, 230-SF MK-63 26/28 210-S, 233-SF MK-51 24½/28 206-S | 2914 to 2921, 2923 3120 to 3129 3200 to 3240 3241 to 3277 3295 to 3296 | 190 205 210 210 180 | 930 970 830 | 1050 1150 1450 1550 1300 | 2000 2800 2950 2500 | 1400 1950 2050 1700 | 1850 2200 2500 2750 2350 | 3500 4300 4900 5300 4450 | 1650 1950 2200 2100 | 2500 2900 3300 | 5000 6000 6700 7000 6200 | 2900 3400 3850 3600 | 2300 3100 2950 | 1000 1350 1250 | 3400 4550 4200 |
| F-3 F-4, 5 F-5 | $\begin{array}{c} \text{F-63 29} \frac{1}{2} / 32 297\text{-S300-SF} \\ \text{F-63 29} \frac{1}{2} / 32 306 / \text{B-61-SF} \\ \text{F-63 29} \frac{1}{2} / 32 306 / \text{B-62-SF} \end{array} \right\}$ | 3653 to 3667 | 200 | 1250 | 2000 | 3950 | 2600 | 3650 | 6950 | 3200 | 4900 | 9650 | 5650 | 4850 | 2150 | 6650 |
| AM-2 | AM-63 *2-28 357-SF | 3900 to 3911 | 210 | 1500 | 2300 | 4350 | 3050 | 4050 | 7650 | 3650 | 5400 | 10600 | 6200 | | | |
| AC-1, 2, 3 | AC-57 23-22 441-SF | 4000 to 4048 | 210 | 1600 | 2500 | 4750 | 3350 | 4450 | 8350 | 4000 | 5900 | 11700 | 6800 | 5550 | 2500 | 8000 |
| AC-6 AC-7 AC-8 | $\left. \begin{array}{l} \text{AC-63} \frac{24}{5} \frac{24}{2} \frac{24}{5} 517\text{-SF} \\ \text{AC-63} \frac{24}{3} \frac{24}{2} 515\text{-SF} \\ \text{AC-63} \frac{24}{3} \frac{24}{2} 532\text{-SF} \end{array} \right\}$ | 4126 to 4204 | 250 | 2250 | 3500 | 6600 | 4650 | 6200 | 11600 | 5550 | 8200 | 16200 | 9450 | | | |
| Mt-1,3,4,5 | Mt-73 28/30 246/B-60-SF | 4300 to 4376 | 210 | 1000 | 1650 | 3350 | 2300 | 2850 | 6200 | 2500 | 3850 | 7750 | 4500 | | | |
| GS-1 GS-2 | GS-73 27/30 262/B-104-SF GS-73 27/30 266/B-104-SF | 4400 to 4409 4410 to 4415 | 250 250 | •••• | 1750 1750 | 3550 3550 | | 3000 3000 | 6450 6450 | 2700 2700 | 4050 4050 | 8400 8400 | 4800 4800 | | | |
| Allowar | ace for Empty and Underload | led Cars (Less than 40 M 40 M's to 50 M (More than 50 N | 's | 3 0 0 | 3 0 0 | 3 0 0 | 3 0 0 | 3 0 0 | 6 3 0 | 3 0 0 | 3 0 0 | 6 3 0 | 6 3 0 | 6 3 0 | 3 0 0 | 6 3 0 |

SACRAMENTO DIVISION

R. E. HALLAWELL, Assistant Superintendent, Sacramento, Cal.

| TRAINMASTERS | | | | | | | |
|--|--|--|--|--|--|--|--|
| . E. MILLERSacramento, Cal. | | | | | | | |
| PURDYRoseville, Cal. | | | | | | | |
| . S. HOOSONTRUCKEE, CAL. | | | | | | | |
| CHIEF TRAIN DISPATCHERS | | | | | | | |
| T. STACKPOOLEChief Train DispatcherSACRAMENTO, CAL. | | | | | | | |
| . A. NEELLEY Assistant Chief Train Dispatcher SACRAMENTO, CAL. | | | | | | | |
| N. JONES Assistant Chief Train Dispatcher SACRAMENTO, CAL. | | | | | | | |
| ROAD FOREMAN OF ENGINES | | | | | | | |
| CARR | | | | | | | |

SHASTA DIVISION

T. F. CUSTER, Assistant Superintendent, Dunsmuir, Cal.

| TRAINMASTERS |
|--|
| H. A. SPRAGUEKlamath Falls, Ore. |
| J. A. McKINNON |
| J. B. STARBUCKDunsmuir, Cal. |
| R. R. BADGLEYDunsmuir, Cal. |
| CHIEF TRAIN DISPATCHERS |
| A. J. LEBOURVEAUChief Train DispatcherDunsmuir, Cal. |
| P. B. BELL Assistant Chief Train DispatcherDunsmuir, Cal. |
| W. T. MANLEY Assistant Chief Train Dispatcher Dunsmuir, Cal. |
| ROAD FOREMAN OF ENGINES |
| J. E. PETERSON |

MILEAGE

SACRAMENTO DIVISION

| Main Lines | First | Second |
|---|------------------------|----------------|
| End Western Division to Sacramento | Track | Track |
| Sacramento to Lawton | .862 147.754 | .862 149.289 |
| At Elvas (West Wye) | .308 | .314 |
| Polk to Elvas | 4.629 | 2.997 |
| Davis to Tehama | 109.707 | |
| Roseville to Gerber | 105.916 | |
| TOTAL MAIN LINE | 369.176 | 153.462 |
| Branches | | |
| ColusaS. P. R. RHarrington to Wyo | 71.655 | |
| Dantoni | 4.464 | |
| Fair OaksS. P. R. R Citrus to Fair Oaks | 2.113 | |
| Folsom. S. P. R. R. Folsom Jet. to Folsom Fruto. S. P. R. R. Willows to Fruto. | .995 | |
| S. P. R. R. Windows to Fruto. (S. P. R. R. Woodland to west of Cunard | 17.204 9.713 | |
| Knights Landing S. P. Co West of Cunard to Grace. | 1.198 | |
| S. P. R. R. Grace to Rinney Jet | 26.225 | |
| Lake TahoeS. P. CoTruckee to Lake Tahoe | 14.735 | |
| Growille S.P.R.R. Rippoy Tot to Operallo | 25.267 | |
| Placerville C. P. Ry Brighton to beginning S. P. R. R. track S. P. R. R. Beginning S. P. R. R. track to Placerville C. P. Ry At Brighton (Link track). S. P. R. Brighton to "Q" St., Sacramento. | .070 | |
| S. P. R. R Beginning S. P. R. R. track to Placerville | 54.920 | |
| R. Di | .323 | |
| River Farms S. P. Co Knights Landing Jet. to Boyer | $\frac{4.941}{14.212}$ | |
| | 31.216 | |
| Sutter Basin. S. P. Co. Grace to Josephine. Marchant to Karnak. | 20.957 | |
| Marchant to Karnak | 2.749 | |
| | .292 | |
| Walnut Grove S. P. R. R "K" St. to "N" St | .245 | |
| C. P. Ry "N" St. to Isleton. | 32.937 | |
| TOTAL BRANCH LINE | 336.431 | |
| TOTAL SACRAMENTO DIVISION | | 859.069 |
| SHASTA DIVISION | | |
| Main Line | | |
| | - - | |
| Gerber to California-Oregon State Line. C. P. Ry. California-Oregon State Line to Ashland S. P. Co | 191.572 | |
| Rlack Butte to Crescent Lake C P D. | 27.598 181.773 | |
| Black Butte to Crescent Lake. C. P. Ry Paola to Klamath Falls. C. P. Ry | 97.654 | |
| TOTAL MAIN LINE | 498.597 | |
| Branches | 130.037 | |
| LakeviewN. C. O. RyAlturas to Lakeview. | EC 109 | |
| | 56.163 | |
| TOTAL SHASTA DIVISION | .554.760 | |

AVERAGE TARE WEIGHTS OF PASSENGER TRAIN CARS

| CLASS | CONDI | AIR- TIONED | AIR- CONDITIONED | | | |
|--|-------------------------------|--|--|--|--|--|
| CEASO | All- Steel | Steel Under- frame | All-Steel Cooling Season | Heating | | |
| Baggage—60 ft. —66 ft. —70 ft. —70 ft. (With Auto, End Door) | I 1 22 620 | | | | | |
| Baggage & Mail—60 ft. | 98,730 103,620 | 87,120 | | | | |
| " " " " " " " " " " " " " " " " " " " | 108,675 | 103,590 112,640 74,000 78,000 89,000 | | | | |
| " " 155- 224 | 133 050 | 89,000 110,000 85,000 83,000 | | | | |
| Postal | 112,120 74,530 105,120 | | ! | 168.950 | | |
| Postal Storage —40 ft. " " " —60 ft. " " " —60 ft. " " " —60 ft. " " (ACI) (ACI) (ACI) (MCI) (MC | 170,700 | 155,370 | 172,200 182,800 195,040 138,000 | 182,800 195,040 | | |
| " — 72 ft. (ACI) " — 72 ft. (ACW) " — Streamline—Single (ACS) " — " — Art. (ACS) " — 74 ft. (ACI) | | | 182,800 195,040 138,000 165,000 158,700 120,900 205,400 | 132,000 157,800 158,700 104,500 172,600 | | |
| " —74 ft. (ACS) Coaches—60 ft. (ACI) " —70 ft. (ACI) " —70 ft. (ACI) " —70 ft. (ACW) | 98,130 137,640 137,640 | | 205,400 180,915 197,944 136,100 157,800 151,000 164,500 163,000 | 172,600 173,125 181,600 130,100 151,000 151,000 | | |
| | 120.000 | | 164,500 153,500 163,000 168,500 | 157,400 153,500 163,000 161,200 | | |
| All-Day Lunch—Chair. "—Coach. Cafe-Coach. (ACI). Cafe-Lounge. (ACI). (ACW) | 105,970 103,875 148,950 | 138,600 161,200 | 155,700 173,500 156,000 | 149,000* 166,000 156,000 | | |
| Diner—70 ft. " — 72 ft. " — 77 ft. (Arch Roof) (ACI) " — 77 ft. (" ") (ACW) " — 77 ft. (Clyps Story, Pos. P. ACW) | 155,330 156,000 | 135,930 146,930 165,530 | 170.100 | 162,700 162,950 169,450 | | |
| Diner—70 ft. (ACW). " —72 ft. (Ach Roof). (ACI). " —77 ft. (" "). (ACW). " —77 ft. (Clere Story Roof). (ACW). " —77 ft. (Clere Story Roof). (ACM). " —90 ft. (" " ACM). " —80 ft. (Clere Story Roof). (ACM). Lounge (Arch Roof). (ACI). " (ACI). " (ACI). " (ACW). " (ACI). " (ACW). " (ACI). " (ACI). " (ACI). " (ACI). " (ACI). " (ACI). | 169,100 | 100,030 | 162,950 169,450 189,581 201,323 189,800 | 173,836 | | |
| (Area Root) (ACI). (ACW). Observation—75 ft (ACI). —77 ft (ACI). Pullman—Observation (ACI). | 154,400 | 141,870 | 201,323 189,800 167,500 164,980 169,185 194,543 | 184,700 181,630 160,300 157,780 161,900 186,166 | | |
| Pullman—Observation (ACI) " — " (ACM) " — " (ACM) " — " (ACI) " — Bedroom (ACI) " — (ACM) " — Sleeper (ACM) " — " (ACM) | | 153,000 153,000 | 177,314 192,300 194,900 187,682 183,920 | 169,200 176,300 178,900 179,600 | | |
| " (ACM) (ACM) (ACM) (ACM) (ACI) (ACI) (ACI) | 100,100 | | 195,800 191,100 180,075 185,200 168,663 | 176,000 179,800 175,100 171,500 169,200 161,400 | | |
| Streamliner "City of San Francisco"— (18 cars incl. Power Units). Power Units SF-1, 2, 3. Power Units SF-4, 5, 6. (Note: If train is less than 18 cars, deduct 130,500 lb. per car.) Rail, Gas-Electric—400 H.P | | | 2,807,000 882,260 994,460 | 2,807,000 882,260 994,460 | | |
| 130,500 lb. per car.) Rail, Gas-Electric—400 H.P. —————————————————————————————————— | 158,400 167,200 | · · · · · · · · · · · · · · · · · · · | | | | |
| *Steel underfrome | | | | | | |

*Steel underframe.

CODE:—NAC—Non-Air Conditioned.

—ACI —Air-Conditioned—Ice System.

—ACM—Air-Conditioned—Mechanical System.

—ACW—Air-Conditioned—Waukesha System.

—ACS—Air-Conditioned—Steam Ejector System.

