

Union Pagific Raliroad Company
Northwestern District
$\qquad$

## Idaho Division

## Special Rules No. 10

Effective Thursday, February 1, 1951

Superseding Special Rules No. 9

Employes whose duties are in any way affected thereby, must have a copy of these instructions with them while on duty.

Railroad Watches
2 (R). Operating Rules 2, 2 (A) and 2 (B) are cancelled,
Employes listed below must, while on
Employes listed below must, while on duty, have a reliable grade
steh ${ }^{*}$ which must not vary more than 30 seconds from correct time
*A railroad grade watch is one equipped with a lever set.)

| Safety Representatives | Flagmen |
| :---: | :---: |
| Trainmasters | Firemen |
| Assistant Trainmasters | Hostlers |
| Traveling Conduc | Outside Hostler Helpers |
| Road Foremen of Engines | Yardmaste |
| Traveling Firemen | Assistant Yardmast |
| $\dagger$ Station Age | Engine Forem |
| $\dagger$ †perators | ${ }_{\text {Sndine }}$ Smithte |
| Conductors | Engeh oth |
| ${ }^{\text {Enginers }}$ | design |

Engineers
Brakemen
Such other employes as
( $\dagger$ Except when assigned in offices where standard clock is located.) 2 (S). Officers and employes must not make solicitation in con-
nection with the sale of watelhes. 2 (T). Employes mus
visors upon request.

Where Time Applies
5 (R). At East Kemmerer, Fossil, Dingle, Pescadero, Blaser and
Reverse, time shown in time-table schedules and in train orders aplies at the end of double track;
5 (S). At Bach, when the superiority of a westward train is re-
stricted at that station by train order, it must not pass Bach station stricted at that station by train order, it must not pass Bach station
sign until the east ward train has passed Signal 1838, east end of Idaho
Find

Signals
7 (R). Conductors and engineers of trains or engines which operate
in territory where they are governed by the rules of another rairoad
must know that they have equipment necessary to enable them to fully comply with such rules.
7 (S). When starting trains with Diesel-electric helper on rear end
of train, trainmen will be stationed in a position to relay signals to
otro of train, trainmen will be stationed in a position to
start from head end to crew on hel per engine. When it is not possible to relay signals, the following method will We used:
When ready to move, engineer on head end will make a 15 -pound
automatic brake pipe reduction, return brake valve to running posiaummatidrake pipe reduction, return brake valve to runming posi-
tion and wait three minutes. Engineer on helper engine will stat
hree minutes atter his gauge shows brake pipe pressure being reihree minutes atter his gauge shows brake pipe pressure being re-
stored.
8 (R). Yellow flags by day and yellow lights by night will be used
by switchtenders and herders. Proceed signals as well as stop signals given by switehtenders must
be answered.
8 (S). Electric lanterns may be used by switchtenders, herders and
interlocking signalmen for displaying yellow lights.
Reduce and Resume Speed Signs
$10(\mathrm{R})$. Operating Rule $10(\mathrm{H})$ is changed to read:
"Reduce Speed sign showing by figures the maximum speed per-
 2500 feet distant is in eondition for a speed of not more than indicated
by the sign Example: $60-10-25$ will indicate maximum speed of 60 MPH
for st or streanline trains, 40 MPH for DE-Psgr. and Psgr. trains, 25 MPH
for freight trains.
Resume Speed sign placed on engineer's side of track, indicates that
Resume Speed sign placed on engineer's side of track, indicates that
the Reduce Speed location has been passed. The entire train must pass over the designated location at the
specified speed. Such speed restrictions will also be shown in time-table or super-
intendent's bulletin."
10 (S). Operating fule 10 (G) is changed as follows:
Yellow signals will be placed one and one-fourth miles instead of
one mile from the beginning of the slow track.

## Whistle Signals

14 (R). At Pocatello, whistle signal 14(1) must be sounded for fire
road crossing in Montana freight yard and engine bell must be ringing approaching and passing over this crossing.
Whistle signal 14(1) will not be sounded for fire road crossing at Whistle signal 14(1) will not be sounded for fire road crossing at
Sherman Strect, Pocatello, but engine bell must be ringing approach-
ing and passing over this crossing. ing and passing over this crossing.
14 (S). At Glenns Ferry, when moving on main tracks, whistle sig-
nal 14() for Commercial Street crossing must be modulated as much
as porsible as possible. On tracks other than main tracks whistle signal $14(1)$ need not be
sounded for this crossing except in emergency, but engine bell must sounded for
be ringing.

## Headlights

17 (R). The following will govern use of oseillating red headlight: When train becomes disabled or makes sudden stop due to unusual
occurrence, or when an adjacent track is obstructed or there is possibility of it being obstructed, if red headlighthet is not set in motion
automatically, engineer must immediately set it in motion by manual operation.
A train on adjacent track must stop before passing headight and
be governed by Operating Rule 102. When head end protection is required, engineer will immediately display red headilight. When occupying main track in meeting an
opposing train, except in CTC teritory, red headlight mill be dis-
played until opposing train dims its headlight in accordance with opposing train, except in ein dims its headlight in accordance with
played until oposing train
Operating Rule 17 (3), atter which, if sivth is lined to permit opposing train to enter siding, red headight win be extingashed.
Enyineer finding red headight displyed by opposing train, must
stop before passing headlight, ascertain the cause and be governed by conditions.
Display of red headlight does not relieve enginemen nor trainmen
from protecting front of train in accordance with Operating Rule 99 when required.
If red headlight has been set in motion automatically and necessity
no longer exists, engineer must extinguish it. When standing at terminals and red headlight is not required, it
must be extinguished. must be extinguished.
17 (S). Operating Rule 17 (C) is cancelled,
FFrst sentenceco of Operating Rule 17 is changed to read: "Headlight
must be displayed, burning bright, to the front of every train by day must be disp
and night."
17 (T). Operating Rule 17 (D) is changed to read
"At night, when an engine is backing up without cars or backing up
pulling ears, a white light must be displayed on rear of engine. When a road engine without cars is standing or moving about yards
at night under conditions not requiring the display of markers, a lightit at night under conditions not requiring the display of markers, a light
must be displayed on rear of engine. A red light must be used when
engine is so equipped." engine is so equipped."
17 (U). At night, oscillating white headlight must be set in motion
passing through citics and towns and approaching and passing over public erossings at grade.

Markers and Rear End Lights
19 (R). Oscillating red rear end light on passenger trains will be
used as a night signal in accordance with Operating Rule 9 and must ased displayed from sunset to sunnise and when day signals cannot be
been due to weather or other conditions. Also at any time train is moving under circumstances in which it may be overtaken by another
train.
Red re
Red rear end light mnst be extinguished when train is clear of
main track and rear end protection is not required. The displaying and extinguishing of red rear end light must be
done by traimman. Display of red rear end light does not relieve trainmen nor engine-
men from complying with Operating Rule 99 nor any other rule. 19 (S). Operating Rule 19 (C) is cancelled.
When the rear car in a train is note equipped to display preacribed
markers, a red flag by day and a red light by night must be displayed markers, a red of rear car, exeept that when a red ilight is not tavalinable,
on rear end a marker lamp displaying red light to rear must be wired or otherwiso
securely fastened to rear end of rear car.

Classification Signals
21 (R). When a train is equipped with indicators, white flags wil
not be displayed by extra trains.
Indicators
$24(\mathrm{R})$. Referring to Operating Rule 24 : Helper engines will display
their ensine their engine number in indieators, except, when used on head end oi
train, train number will be displayed.

Going Under Engine At Lima
 will leave train brakes applied with a 20-pound brake pipe reduction,
engine brakes applied in service position with 45-pound brake cylin-
der pressure, place reverse lever on center. open cylinder cocks der pressure, place reverse lever on center, open eylinder cocks,
close troottl and place pin in thotele rest. Employes, before going
under train, will display proper blue sing
sten
 opposite side. Outgoing enginemen will full
Rules 1025 and 1025 (C) before departure.

## Switch Lights

27 (R). At stations where reflectorized type switch lamps are in
use, in case of headlight failure, or engine backing tan use, in ease of headiight failure, or engine backing up, trains and en-
gines must approach facing point switches at restricted speed.
27 (S). Switch lights will not be used on branch lines except as
Ketchum Branch;
Twin Falls Branch;
Yellowstone Branch;-between Idaho Falls and Ashton;
Yellowstone Branch-between Ashton and West Yellows
Where switch lights arem Jone used, trains to Sept. engines muth inclusive.
facing point swithorh
position.
Conditional Stops
$28(\mathrm{R})$. A green and white signal will be used to stop designated
trains at conditional stops shown in time-table.
28 (S). At Kemmerer, passenger trains of over 10 cars handling
sleeping car passengers, will make second stop to discharge pas-
sengers. sengers.

## Train Registers

83 (R). At McCammon, information required by Operating Rule
D-83 need not be reeeived by westward frrst-class trains except west-
ward first-class trains from Utah Division.
83 (S). Information required by Operating Rules S-83 and D-83
need not be obtained by Nos. 105 and 106 entering CTC territory.

## Starting Passenger Trains-Pocatello

84 (R). At Pocatello, passenger train must not leave passenger
depot without a signal from stationmaster or passenger director.

## Clearing Trains-Rule 251 Operatio

86 (R). Where Operating Rule 251 is in effect, Operating Rule 86
is modified ns follows: When instructed by train dispatcher to clear a train or trains, the
following will govern: The time of Nos. 105 and 106 must be cleared not less than five
minutes by first-class trains and not less than fifteen minutes by minutes by first-class trains and not less than fifteen minutes by
second-elass, extra trains and yard enginesst the time of other frist-
class
clate class trains must
and extra trains.

## Meeting of Trains

89 (R). At Enrose, when a westward train is to meet an opposing
train and hold the main track, such westward train must not pass train and hold the main track, such westward train must not pass
east switch Enrose nntit the eastward train has passed the home sig-
nals at east end of Notus.

89 (S). At Silver Bow, when an eastward train has been directed
by train order to meet \& westward train at that station, eastward train must take siding through cross-over at west end of siding and westward train will stop to clear this cross-over until opposing train
bas cleared main track has cleared main track.

## Movements in Yards

93 (R). Where Operating Rule 251 is in effect, time on first-class
trains issued orally or by message by train dispatcher, may be used trains issued oraty or by message by train dispatcher, may be used
within yard limits where there are continuous slock signals, in deter-
mining when necesssary to protect against first-class trains. 93 (S). At Nampa, between cantilever Signals 4566 and 4571, frrst-
class trains must move at restricted speed, expecting to find main class trains must move at restricted
track occupied. At Nampa, all freight trains entering yard from Boise line must
stop at Sigaal B-4677 and then be governed by indication of signal. 93 (T). At Ketchum, movements aronnd balloon track will be made
to the right, counter-clockwise. 93 (U). At Pocatello, westward trains using westward running
track must not pass yard office without receiving proced signal or erbal instructions from yardma and must receive proceed signal from switchtender at east end of reeeiv.
from running track to receiving yard.

Clearances
${ }^{96}$ (R). Unless otherwise provided, all trains must receive clearance $\begin{array}{llll}\text { Kemmerer } & \text { Ashton } & \begin{array}{l}\text { Nampa } \\ \text { Tontpelier }\end{array} & \begin{array}{l}\text { Lima }\end{array} \\ \text { Twin Falls }\end{array} \quad \begin{aligned} & \text { Homedale } \\ & \text { Vale }\end{aligned}$ Montpeliier
Idaho Falls

perating R
Trains are not required to receive clearance as per Operating Rule
96 st initial stations which are not train order offices. When there is no operator on duty, trains are not required to re-
ceive clearance as per Operating Rule 96 at: $\begin{array}{lll}\begin{array}{l}\text { Richfield } \\ \text { Oakley }\end{array} & \begin{array}{l}\text { Emmett } \\ \text { Vale }\end{array} & \begin{array}{l}\text { Marsing } \\ \text { Robinette }\end{array}\end{array} \quad H o m e d a l e$
96 (S). A clearance received at Montpelier or Lima by the only
ection of a regular train will confer the same authority as when section of a regular train will
received at their initial station.

## Flag Protection

99 (R). Flagman, in placing torpedoes as required by Operating
Rule 99 , must place second set of torpedoes one and one-half miles Last paranh of Opersting Rule 99 is changed to read Last paragraph of Operating Rule 99 is changed to read:
"Night signals-A white light, not less than ten torpedoes and six
red fusees." At night and dureng foggy and stormy went ther, a lighted red fusee
will he used for hand signals required by Operating Rule 99 . 99 (S). Operating, M. of W. and Signal Rule 99 (F) is changed as
follow: Employe alone, who finds track ar bridge unsafe for trains at
normal speed, in placing torpedoes as required by Rule 99 (F), must normal speed, in placing torpedoes as required by Rule 99 (F), must
place second set of torpedoes one and one-half miles instead of one
and one-fourth miles from red flag ar red light. 99 (T). Trains may be relieved from protecting against following
extra trains by Example (7) of train order Form E, only on the extra trains by Example (7) of train order Form E, only on th
branches named:

| Cumberland | Raft River | New Meadows |
| :---: | :---: | :---: |
|  |  | Oregon Eastern |
| Aberdeen | Wells | between Vale |
| Teton Valley | Hill City | Burns |
| Mackay between | Stoddard | Wilder |
| Aberdeen Jct. and | Homedale | Ketchum |
| East Belt | Idaho Northe | and Ketchum |
| West Belt | tween Emmett | Payette |
| Goshen | and McCall | Homestead |
| Yellowstone between Ashton and West |  | North Side |

99 (U). On following branches, between 6 A.M. and 6 P.M. daily,
a speed of 10 MPH must not be exceeded by all extra trains approachng and moving on curves and where view is obscured, looking out
carefully at all points for track cars and men working on track without flag protection. Speed on curves must be such as to be able to
stop within one-half the distance track is seen to be clear and whistle top within one-half the distance track is see
nigal 14 (1) must be sounded frequently:

## $\begin{array}{llll}\text { Grace } & \text { East Belt } & \text { Hill City } & \text { Payette } \\ \text { Mackay } & \text { Wast Belt } & \text { Stoddard } & \begin{array}{l}\text { Wilder } \\ \text { Mibercen }\end{array} \\ \text { Ookley } \\ \text { Goshen } & \text { Raft River } & \text { Homestead } & \text { Homedale } \\ \text { Brogan } \\ \text { Homedale } & \end{array}$

 Dead Engines101 (R). In handing dead engine, it must be placed 12 cars behind 101 (R). In handling dead engine, it must be placed 12 ears behind
the road engine, and if ascend dead engine is in the train, the seoond
dead engine should be 25 cars behind the rond engine. In handling dean ongine should be 25 cars bechind the rond engine. In handling
dree dead engines in train, 15 cars must be placed between each three de
engine.

Cars or Train Left Behind
102 (R). In complying with Operating Rule 102 (B), if no light is vailable to be placedon front end of cars left behind, a trainman mus

## Riding on Ends of Engines

103 (R). When Diesel-electric locomotive is used, a yardman or
trainman may ride on side steps or platform in direction locomotivo trainman may ride on side steps or phatfor
is moving instead of on leading footboard.
103 (S). Where reference is made in rules to rear of tender of engines,
this requirement will also apply to rear end of Diesel-electric locomotives.
103 (T). A yardman or trainman need not ride on leading footboard
Kemmerer-main track movements betwee
site Snake lead and west yard limit sign;
Montpelier-main track movements;
Pocatello-main track movement between east and west yard
limit signs and on castward and westward running tracks
limit signs and
retarder yard.

## Public Crossings

103 (U). At public crossing protected by crossing watchman and
crossing gates, yard erews must know gates are down and crossing crossing gates, yard erews must know gates are down and crossing
protected before makigm movement over the crossing with engine or
prote
103 (V). At Pooatello, engines or cars must not be left standing on
fire road crossings and they must not be blocked longer than neces fary to make switching movements.
Flagman must precede movement of shop yard engine over fire road
crossing at point where engine crosses pavement between roundhouse crossing at poin.
and backshop.
103 (W). At Shoshone, to avoid obstructing view of highway traffic,
westward trains and engines using westward siding must, while standwestward trains and engines using westward sist.
ing, remain 200 fect enst of Greenwood Street.
103 (X). On Ketchum Branch between M.P. 68.4 and M.P. 68.5
trains and engines must approach crossing to Baldy Mountain Ski trains aend engines must approach crosing to Baldy Mountain Sk
Litt prepared to stop, keeping close lookout for vehicles or skiers.
Enginemen will sound whistle and bell and not proced over this crossing until track is elear. In stormy weather or when other condi-
tions require, a flaman must be sent ahead to protect this crossing 103 (Y). At McCall, before crossing Third Street (State Highway
$\mathrm{N}-15$ ), trains must come to a complete stop at a point not less than $\mathrm{N}-15$ ), trains must come to a complete stop at a point not less tha
one foot or more than 20 feet from boundaries of this strect.

## Switches

104 (R). No. 14 turnouts are installed at all power operated switche
in C.T.C. territory and at extreme east end of Poeatello yard, M.P in C.T.C. territory and at extreme east end of Pocatello ya
211, and at Granger, except east switch of eastward siding. Other swithenes equipped with No. 14 turnouts are indicated by
figure "14" on switeh target.

104 (S). Switches will be set normally: Minidoka -Switch at coal chute at end

| BlissBuhl | -Switch at end of North Side |  |
| :---: | :---: | :---: |
|  |  |  |
|  | - Main track swith, east leg |  |
| Nampa Nampa | -Junctio | -for line via Boise; |
|  | Idaho Northe | -for Idaho Northern |
| Ny | -Homedale Branch switch |  |
|  | swi |  |
| Jerome <br> Kemmerer <br> Branch |  |  |
|  | nd |  |
|  | - | ling posi- |

104 (T). At Poeatello, eastward freight trains must not pass cross-
over at Sherman Street unless procecd signal is received from switchende At Pocatello, switches for movements over cross-over between
main tracks at east and west end of passenger yard will be handled my
by yardman. Trains entering and t lenving passenger yard must tstop
to clear cross-overs unless proced signal is received from yardman. 104 (U). At Lima, spring switch derail is located in main track at
west end of yard and must be locked in derailing position when not west end of
being used.

Sidings and Side Tracks
105 (R). At stations where eastward and westward
shown, the eastward siding is cast of the westward siding
105 (S). At Cokeville, west ward trains taking siding must use inside
iding next to main track. Inside switch at east end of siding must bo siding next to main track. Inside switch at east end or siding must be
left lined for eastward siding. Eastward trains taking siding must left lined for eastward siding. Fastward trains taking siding must
use outside siding. Inside switch at west end of siding must bo lined use outside sading.
for westward siding
105 (T). At American Falls, set-outs will not be made on No. 2 diding unices 2 , Track 1 will be used for At Rupert, Track 2 will be used as
making set-outs and storage of cars.
105 (U). At Ontario, when necessary to clear main track, eastward trains will use north siding and westward trains
unless otherwise instructed by train dispatcher
105 (V). Trainmen and enginemen must expect to find cars on the

105. (W). At Minidoka, Twin Falls Branch ends to clear switch At Ontario, Oregon Eastern Branch ends to clear switch entering At Bliss, North Side Branch ends to clear switeh entering south At B.
siding.

Soments at Stations
107 (R). At Pocatello, an employe must walk just ahead of engine
or leading ear to protect all switching and train movements on passenger yard tracks in front of passenger depot.
107 (S). At Montpelier, Lima and Glenns Ferry, when a train or engine is being serviced on main rack, mine unless protected by an on adjacent track past such train or engine unless pro
employe walking just ahead of engine or leading ear. train may move by passenger depot. At Minidoka, when an castward or westward passenger train is

## Movements Against Current of Traffic

 D-151 (R). At Montpelier, Pocatello, Shoshone and Glenns Ferry trains amid engines may more against a courrent of traftic withiryard limits without being preceded by a flagman, except when a firstyard limits without being preceded by a flag
class train is due or when view is obsecured.
Movements against the current of trafic between cross-over at
Kraft Cheese spur and oil spur at Pocatello must not be made without Kraft Cheese spur and oil spur at
permission from train dispatcher.
D-151 (S). Exeept as provided in Special Rule D-151 (R), where
Operating Rule 251 is in effect no movement against the current of traflic may be made by a worke extra movemenent againgst the current of
against all trains, excent whenen such work is provided over all trains; and no movement against the current of traffic may be made by any other train unless full flag protection is provided agains
all trains, except when authorized by train order to move agains all trains, except wh
the current of traflic.
D-151 (T). At Reverse, dwarf signal located between main tracks,
governs movement against urrent of traffie from castward main
track to single track over spring switch Dwarf signals located between main tracks, governing movement against current of traffic from double track to single track through
spring switch are located as follows: Signal 392 west of spring switch east end Kemmerer;
Signal 1084 -west of spring switch Dingle; Signal 1084-west of spring switch Dingle;
Signal 1207--cast of spring swith Pescadero;
Signal 1776-west of spring switch Blaser.
When stopped by one of these signals, a train or engine moving
against current of traffic through spring switch to single track, must against current of tratice through spring switch to single track, must
be governed by Operating Rules 90.509 and 524 . In addition, flag
protection must be provided against movements on opposite main pe go
prote
track.

## Speed Restrictions

162 (R). That part of last paragraph of Operating Rule 93 reading,
"(See Special Inule 152-R)" is changed to read, "See speed restrictions in time-table," Train Order Signals
200 (R). On branches, exeept Twin Falls Branch, lights will not
be kept burning at night in train order signals. Trains must be 221 (R). At Reverse, when train order signal indicates Stop, west-
ward trains must stop before passing Signal 3931 unless proceed ward trains must stop before
signal is received from operator

## Movement of Trains by Block Signals

251 (R). Where Operating Rule 251 is in effect, the movement of
trains will be supervised by the train dispatcher, and oral and mes-
 When necessary to provide single track operation on double track,
or for operation of trains against the current of tarffic, or for operation
of work trains, train order authority must be obtained.
261 (S). At Poeatello, between MP 214.3 and MP 216.9, trains and
engines will run with reference to other trains and engines in the same direction by block signals whose indieations will supersede the superiority of trains. In making such movements, eare must be exercised

Centralized Traffic Control
402 (R). At Pocatello, when No. 105 is due, or when any other
westward passenger train is at passenger station switchtender will not permit a westward freight train to occupy the main track without not permit ta westward freight train to
pernission from the train dispatcher.

402 (R). Continued.
 engines moving from west lispateher before fouling siding. Trains and dispather before fouli kiding. At Shoshone, trains and engines from Ketchum Branch must
obtain permission from train dispateher before fouling main track. At Bliss, trains and engines moving from North Side Branch to
siding must obtain permission from train dispatcher before fouling
iding. iding must obtain permission from train dispatcher before fouing
At Glenns Ferry, in addition to receiving Clearance Form B, con-

402 (S). At Bliss and Ticeska, Clearance Form B required by CTC
kule 402 need not be received by light engine leaving those stations, Rule too need not tbe received by light e eggine leaving
but movement must be governed by signal indication.
405 (R). At Minidoka, when Signal 2724 or Signal 2731 displays
Stop indication and at Huntington, when Sirnal 3893 or Sigral 3998 displays Stop indication, member of crew of train stopped by such If movement is authorized by train dispateher, train may proceed If movement is authorized by train dispatcher, train may proceed
without receipt of Clearance Forma C, but movenent must be made
at restricted speed and must be preceded by flagman to next signal. Electric Locked Switchos
494 (R). When authority to operate an electric locked switeh has
cen received, following will govern: Switch operating lever must be left in its soeket and no attempt
made to operate switeh until indicator at the loek shows loek released. This indication is given in one of the following ways:

The word "Clear", or "Unlocked", appears,
Small light on face of electricic lock whearich flashes during opera-
tion of time element changes to a steady light.
Atter indication is received showing lock has release

After indication is received showing lock has released, lock and
switeh may be operated and train or ongine may proced without
waiting three minutes as required by Operating Rule 517. Lifting, or attempting to move switch operating lever before lock
has released will result in binding of the lock rod, which will prevent novement of lock lever.
494 (S). In using electric loek when communieation has failed, or
dectric lock is out of order, mechanieal release seal on lock equipped may be broken. After high lock has been released by moving
crank to left or, on low lock, by removing padlock and releasing crank to left or, on low lock, by removing padlock and releasing
clectric lock with switch key, member of erew must wait tree electric lock with switch key, member
minutes before tining switch, after which
ceed as required by Operating Rule 509 .
ced as required by Operating Rule 509. After using the switch or derail equipped with high electric lock
switch and derail must be returned to normal position and locked rank on electrici lock mest be restored to normal position again stop block. Door of case must be locked
cation has failed, dispatcher notified.

## Siding Indicator

501 (R). Referring to Operating Rule 501 (AA):
Fixed signal with which Siding Indicator is connected may display
ther Stop or Approach indication

## Block Signals

509 (R). At Poeatello, when a westward train is stopped by Signal
2161 or an eastward train is stopped by Signal 2162 or Signal 1350 perating Rule 509 will govern but movement must not be made
until proced signal is received from switehtender.

## Slide Detector Signals

Slide Detector Signals
609 (S). Between M.P. 255 and east end Humphrey siding, block
signals are connected with rock slide protection fence. Westward Signals 2547 and 2561 aro equipped with a lower arm
which is painted yellow and has a pointed end. When lower arm is horizontal, or displays a yellow light at night, When lower arm is horizontal, or displays a yellow light at night,
ang uper arm indicates Proceed, trains may proced without stop-

Definition: $\begin{aligned} & \text { A Dual Control Switch, is a } \\ & \text { which is also equipped for hand operation. }\end{aligned}$
 13 (X) must be complied with.
513 (S). Before a train or engine may, under any condition, pass an
Stop indication of siignal govering movemont over duat octrol swit chess selector lever on dual oontrol swithhes over which move-
ment is to be made must be moved to HAND position. Atter any part of train or engine has passed signal, selector lever must be re-
tored to MOTOR position, and, except when communieation has filed, operator notified
513 (T). After passing a signal govering movement over a dual
control switch, if train or engine stops before passing next opposing cointrol and makes a reverse movement out of that blok, no forward
signo
movement may be made into that block withot ant anority from
form movement may be made into that blook without author hat rem
operator, or ontil 1 belector lever on dual control switch has been operator, or
paseed in HAND position.
513 (U. If a train or engine over-runs a signal displaying Stop indi-
cation govering movement over a dual control swit th, member of carev mist oommunicate with operator at once and be boverned
his istructions. Front of train must be protected immediately.
513 (V). Dual control switches must not be hand-operated without
authority from operator, except when communication fails. Authority to use a dual control switch for swith ohing movements
must be given verball to oember of cerew bopprater Time the must be iven verbally
sivteh or trak mably yo
stated and understod.
613 (W). To hand-operate a dual control switch, following will After engineer has been informed that switch is to be hand-
operated, eelector lever must be moved to HAND position and left
 Whan com mupaniantion fails, switch must not be hand-operated
Wntil three minutes after selector lever has been placed in HAND until thre
position.
$513(\mathrm{X})$. When a member of a erew of a train or engine which is
switching or standinn observes a white light burning on relay house swith hing or standing observes a white light burning ong relay house
or telephone booth, he must communicate at oneo with operator. 513 (Y). At Granger, dual control switch and remote eontrol sig-
nals controlted by operator are in service at east switch to westward siding.
When movement is made aggainst current of traficie, except on signal
ndication, movement must be preceded by flagman When movement is autharized dgainst current of traffic by signal
ndicition, such nuthority applies, only to sign near M.P. $\$ 44.8$

ned | readine |
| :---: |
| Whe |
|  |


minutes berore proceccing at restricted speed to next signal.
513 (Z). At Poeatello, dual control switehes Y and remote control
ignals
Westward freight trains artiving Poatello reeciving green-overtrack to coross-over at M.P. 213.3 and enter yard at that point.


 When Siignal 2095 or Sis ranal 2124 displays Stop indieation, trains
and engines governed by these signals must send flagman ahead and


Outfit Cars
(R). That part of Operating Rule 720 ( (C) and M. of W. and Sig-
Rule 1521 requiring suthorty from superintendent to permit nal Rule 1.521 requiring authority from superintendent to permit
women and children tu remain in outfit ears during movement of women and chiliden
such anss is cancelled.

Carbon Monoxide Fumes
$733(\mathrm{R})$. There is hazard of earbon monoxide fumes from exhaust of
Diesel or gasoline engines and precautions must be taken to avoid
possibility of accident therefrom. Exhaust from such engines must not be located in close proximity times to see that there is sufficient ventilation where such engines are operated.

Trains Stopped in Tunnel
733 (S). Dangerous gases present in exhausts from various types of cause incapacitation or fatalities if in sufficient concentration as
might result when a train is stopped in a tunnel. In the $n$ train is stopped in a tunnel. In the event a passenger train, regardless of the type of power being
used, is stopped in an tunnel, cars within the tunnel must have air
circulating systems indur circulating systems, including air conditioning systems, ice machines
and emgine generators, shut off, fresh air intake shutters closed, and
blower fans shut off. Certain gases are not readily detected by odors and this action
must be taken immediately and time not wasted in determining when nust be taken immediately and time not wasted in dete
train may be started. Take safe course and act at once. When a Diesel-electric locomotive is stopped in a tunnel under con-
ditions preventing prompt movement, ditions preventing
promptly shut down.

Shutting Off Diesel Propulsion Engine 733 (T). When Diesel propulsion engines are shut off, air brakes
must be fully applied and, in addition, front and rear of a traction wheel must be blockedd and sufficient hand brakes must be applied
whoughout the train to prevent movement should air brakes leak off. During freezing weather, when Diesel engines are shut down,
cooling water must be dra, ed to winter level and if necessary to
prevent damage to engine, must be drained completely. Local conditions must be carefully considered, as there may be
situations where the exhaust gases are being carried away from the train by air currents or where proximity to tunnel opening would make it unnecessary to or wund down these engines. Safety of
nd members of the crew must be the first consideration Train dispatcher should be notified immediately so that proper
arrangements can be made for protection of persons and equipment.

> Power Transmission Wires

734 (R). Power transmission wires carrying 2300 volts are located
top cross-arm of signal pole line. Diesel-Electric Locomotives
735 ( $R$ ). Adjustments must not be attempted nor made in high voltage cabinets of Diesel-electric locomotives until engi.
been isolated and stopped and units have come to a stap.
736 (R). When Diesel-electric switch locomotive is tn be idle in
excess of 30 minutes, main engine must be topped When Diesel-electric road locomotive is to be idle for one hour at
initial or intermediate stations, main engines must be stopped. Exception: In such cases, engines must not be stopped when outside When Diesel engines are stopped at terminals when a heavy rain
is fallingg enginemen will call on mechanical forces for covers to be When Diesel engines are stopped, hand brakes must be applied. Cars Partly Loaded or Unloaded
802 (R). All persons are prohibited from riding in ears while being
switched, which are in the process of loading or unloading. Part loads switched, which are in the process of loading or unloading. Part loads
will not be switched unless properly broken down or properly braced to prevent contents falling and being damaged. Before eswitehing with
or moving cars which are in the process of loading or unloading, persons working in the car must be notified and trainmen and yardmen
should see that cars are not switched with until cars are vacated.
tandling of Explosives and Inflammables 802 (S). Trainmen, enginemen, yardmen, agents and other employes
who in any way handle or care for explosives and other dangerous articles must familiarize themselves with the regulations and instruc-
tions governing the handling of them.

Placards on Cars
BE 589 (a); (1) A car requiring ear certificates and "Explosives", "Dangerous" or "Poison Gas" placards under the provisions of these
regulations shall not be transported unless such freight car is at tall regulations shall not be transported unless such freight car is at all
times placarded and certificated as required by these regulationss
Placards lost in transit shall be replaced at next inspection point and Placards lost in transit shall be replace
those not required must be removed.
BE $589($ (a), (2) At points where trains are inspected, cars placarded continue in movement only when inspection shows them to be in condition for safe transportation.
BE, 589 (b). (1) A car placarded "Explosives or Poison Gas


BE 589 (b). (2) When transporting a car placarded "Explosives" in
terminals, yards, side tracks, or sidings, succh cars shall be separated from the engine by at least one non-placarded car.
BE 589 (b). (3) Closed cars placarded "Explosives" shall have
doors closed before they are moved.
Switching of Cars Contalining Dangerous Arteles
BE 589 (c). (1) In switching operations where use of hand brakes
is neeessary a placarded loaded tank car, or a draft which includes a
placarded loded tord placarded oaded tank car shal not be cut of untit the preceding car
or cars clear the ladder track and the draft containing the placarded or cars clear the larder track and the draft containing the placarded
loaded tank car, or aplacarded loaded tank car shall in turn clear the
ladder before another car is allowed to follow.
BE 589 (e). (2) In switching operations where hand brakes are used,
it shall be determined by trial that a car placarded "Dangerous" or
 "Dangerouns"
it is cut off.

Placemont of Fright Cars Containing Explosives,
in Yards, on Sidings, or Sldotraoks
BE 589 (d). (1) Cars placarded "Explosives" shall be so placed
that they will be safe from all probable danger of fire. Freight cars highway crossings, nor in or alongside of passenger sheds or stations highway crossings, nor in or alongside of
except for loading or unloading purposes

Notloe to Crows of Cars Containing Explosivos
BE 589 (e). (1) At all terminals or other places where trains are
made up by creves other than road crew accompanying the outbound
movement of cars the railond shall movement of cars, the railroad shall execute a consecutively num-
bered notice showing the ocotion in the freight train or mixed train
of every car placarded "Explosives." $A$ copy of such notice shall be of every car placarded "Explosives." A copy of such notice shall be
delivere to the train and engine crew and a copy thereof showing
delivery to the train and engine crevs shall be kept on file by the railroad at each point where such notice is given. At points other than terminals where train or engine cre
be transferred from crew to erew.

Position In Frolght Traln or Mixed Traln
of Cars Contalnng Explosivos
BE 589 (f). (1) In a freight train or a mixed train either standing or
during transportation thereof, n car placarded "Explosives" shall, during tranthoortation permits, be placed not nearer than the sixteenth
when lenth of trin
car from both the enger ocupied (a) Whet the length of fright train or mixed train will not permit
it to be so placed, it shall be placed near the middle of the train;

Continued on opposite side.

802 (S). Continued
(b) When transported in a freight train , made up in "blocks" or
 (c) When transported in a freight train or a mixed train performing pickup and/or setoff service, it shall be placed not nearer than the
second car rom both the engine or oceupied caboose, except as pro-
vided in section 559 (i). died in section 589 (i).
BE 589 (f). (2) In a freight train or a mixed train either standing
or during transportation thereof, a car placarded "Explosives" must
not be handled next or during trangportation
not be handled next to:

1. Occupied passenger car, other than car occupied by gas han-
dlers or military personnel accompanying shipents 2. Occupied combination car, other than car ocecupied by gas
handlers or military personnel accompanying shipments.
2. Any car placarded "Dangerous."
3. Engine.
4. Any car placarded "Poison Gas."
5. Wooden underframe car (except on narrow gauge railroads)
6. Open-top car when any of the lading extends or protrudes above
or beyond the ends or sides thereof.
. Car equipped with automatic refrigeration of the cas-burning
7. Car containing lighted heaters, stoves or lanterns.
8. Car loaded with live animals or fowl, occupied by a
9. Occupied caboose except as provided in sec, 589 (i).
c. 589 (i)

BE 589 (g). (t) (I) In In Iraln of Lreight traind Placardod Tank Car
 the train permits, be not nearer that
occupied caboose or passenger car.
BE 589 (g). (1) (b) When the length of the freight train or mixed
train will not permit it to be so placed, it shall be not nearer than the econd car from the engine, occupied caboose or passenger car.
BE 589 ( (g). (1) (e), When transported in a freight train engaged in
"pickup" "setor", service, a placarded loaded tank car shall be be oot nearer than the second car from both engine or occupied caboose. BE 589 (g). (2) In a freight train or mixed train either standing or
during transportation thereof, a placarded loaded tank car must not during transportat
be handled next to

1. Occupied passenger car, other than gas handlers accompanying
shipment.
2. Occupied combination car, other than gas handersaceor
ing shipment.
3. Any car placarded "Explosives."
4. Engine (except when train consists only of placarded loaded
5. Any car placarded "Poison Gas."
6. Wooden under-frame car (except on narrow gauge railroads),
7. What
8. Loaded flat cars.
9. Open-top car when any of the lading extends or protrudes above
or beyond the ends or sides thereof.
10. Car equipped with automatic refrigeration of the gas-burning
type.
11. Car containing lighted heaters, stoves, or lanterns.
12. Occu
13. Occupied caboose (except when train consists only of placarded
loaded cars).

Postlion In Frolaht Train or M1xod Traln of Cara Placarded BE 589 (h). (1) In a freight train or mixed train either standing or during transportation thereof, a car placarded "Poison Gas" or con-
taining poison liquids, Class ${ }^{\text {s. shall not be next to other freight cars }}$
placarded "Explosives" or cass placarded "Dangerous."

802 ( S ). Continued
 BE 559 (i). (1) A car placarded "Pooson Gas" or containing poison
iquids Class A in drums, tanks or bombs, or a car placarded both iquids Class, $A$ in drums, tanks or bombs, or a ar placarded both
"Explosives" and "Poison Gas" shall at all times be next to and ahend of the
such car.
BE 559 (i). (2) A car or cars placarded "Explosives" shall at all
times be next to mes be next to and ahead of a car occupicd by guards accompanying such car, except that when the car occupied by buards is equipped
with h hateri,ishall be the fourth car behind the car or cars placarded
"E Explosives.'

Cars Containing Explosives or Poison Gas and Tank Cars
Placarded "Danserous" in Passenger or Mixed Trains BE 559 (j). (1) Cars containing explosives, Class A, poison gases or
liquids, Class A, and tank cars requiring "Dangerous' placards shall not tee transported in a passenger train. Such cars may be transported
n mixed trains but only at such times and between such points that
thed neighed train service is not in operation.
BE 589 (j). (2) Cars containing explosives, Class A, poison gases or
iquids, Class A, and tank cars placarded "Dangerous" shall not be transported next to oceupied eabooses or oars carrying passengers in
mixed trains except as provided in sec. 589 (i).

BE 559 (j). (3) When a car containing explosives, Class B, or danClass A poison other than explosives or liquids) is moved in a mixed train and such Class A poison gases or liquids) is moved in a mixed train and such
car is not ocoupied by an employe of the carrier, placards must be
applied to the car as required by these regulations. pplied to the car as required by these regulations.
BE 589 (k). (1) In a freight train or mixed train either standing or
during transportation thereof, a car placarded ${ }^{\text {Nand }}$ Nangerous-Classs.-D uring transportation thereof, a car placarded "Dangerous-Class-1
Poison" must not be handed next to cars placarded "Explosives" or
ort next to carload shipments of undeveloped film.

| Empty Tank Cars |
| :--- |
| $\begin{array}{l}\text { Empty tank ars ant must not be moved from stations unless dome } \\ \text { cover and all outlet caps have been replaced and wrenched tipht, }\end{array}$ | oover and all outlet cass have been replaced and wrenched, tight,

hipping tags and cards removed from car and "Inflammable" plac-
hrds removed or replaced by "Dangerous Empty" placards.

## Track Scales

802 (T). Locomotives must not be moved over live rails of track
seates and when moved over dead rails of track seales, a speed of 5
MPH must not be excecded Sanders or injectors must not be used over track seales and looo-
motives or cars must not stand on dead rail over seale deck or platmotives or cars must
form of track scales.
Cars must not be violently stopped by impact, sudden application
of brakes or by blocking whecls. After cars are weighed, they must not be moved over live rails if possible to avoid it. When making im-
pact with cars on sales, speed must not exceed 2 MPH and 4 MPH patt with cars on seales, speed must not excee
must not be exceceded over seales in any case.
Cars on live rail must not be moved by other cars or engines moving
on dead rail, or viee versa. Cars must not be moved over seale with
one truek on live rail and other truck on dead rail.

## Retarder Yard-Pocatello

802 (U). Switching movements handled by Car Retarder System are
controlled by signal indications and verbal instructions over radio controlled by sis
or loud speakers.
Hump signal, located at crest of the homp, governs eastward move-
nents on hump lead. Hump signal repeaters repeat the same indicanents on hump lead. Hump signal repeaters repeat the same indica-
tions displayed by the hump signal. The indications of these signals tions displaye
are as follows:
Color
$\qquad$
Indication

- Stop.
$\underset{\substack{\text { Red } \\ \text { Yellow } \\ \text { Green }}}{\substack{\text { Red } \\ \hline}}$
$\underset{\text { Green }}{\substack{\text { Flashing Red }}}$

802 (U). Continued
Trimmer signal, located at crest of the hump, controls westward
movements from west end of classification yard. Trimmer signal repeater repeats the same indications displayed by
signal. The indications of these signals are as follows:

Color
$\begin{array}{ll}\text { Cta } & \begin{array}{c}\text { - Stop, and not proceed exce } \\ \text { from hump yardmaster. }\end{array} \\ \text { Green } & \text {-Proceed. }\end{array}$
Hump and trimmer signals are controlled by yardmaster, engine
foreman or other designated employe. An air whistle located on the compressor building will be controlled
from hump yardmaster's office and Tower A. The following whistle
signals will be used. 1 long blast
2 short hasts - Humping operations are about to star


## Cars with Roller Bearings

804 (R). Cars equipped with roller bearings will start with much less effort than those otherwise equipped. When such cars are set out,
either in yards or on line, hand brakes must be set if there is any either in yards or on line,
possibility of their moving.

Operative Air Brakes
804 (S). Air brakes must be cut in and operative on all cars handled
by yard and train crews as follows:
Between Twin Falls and McMillan;
Between main track and city yard, Jerome.

## Use of Hand Brakes

804 (T). At Kemmerer, at least six hand brakes must be set on east
end of trains and cars left in yard. At Montpelier, at least four hand brakes must be set on west end
of cuts of cars left on any track in west yard. At Glenns Ferry, at least six hand brakes must be set on cars left At Nampa, at least six hand brakes must be set on cars left on all iee house tracks, west yard
804 (U). At Lima, cars switched into any track must have hand
brakes set to secure them. This applies in all cases, whether cars are cut off in a switching movement or shoved into any track.
Trainmen of all freight brakes to properly sccure train but in no case must there be less than
jight tand brakes set pumbr the eight hand brakes set, number of cars p.
than power type must be set with club.
Train crews will be held responsible for properly securing cars in
yard, especiall when cars are coupled to ther cars a aready tanding.
Sufficient hand brakes must be set on all cars Yard, especially when ears are coupled to other cars already standing.
Sufficient hand brakes must be set on all cars standint to hold them if other cars are coupled to them. It is not permissible to kick or drop
loads westward nor kick empties westward on a clear track unless loads westward nor kick empties westward on a clear track unless
there is a man at the brake, and in no ease allow single cars except
cabooses to run free in a clear track.
804 (V). At Pocatello, P. F. F. icehouse and cleaning yard tracks,
storage yard tracks, stock yard tracks and main tracks west of Gould storage yard tracks, stock yarrt tracks and main traeks west of Goum
Street, are on descending grade westward. At least ten hand brakes must be set on cars leff on storace yard tracks. At least six hand
brakes must be set on cars left on P. F. E. icchouse and eleaning yard brakes must be set on cars left on P. F. E. icech.
tracks and main tracks west of Gould Street.
804 (W). At Gay, cars set out must have slack bunched and hand
brake set on each car. Runaway switch at east end of Gay must be brake set on each car. Runaway switch at east end of Gay must be
lined for runaway track at all times except when train is passing lined for
switch.

Pushing Streamline Trains
805 (R). Operating Rule 805 is cancelled.

Position of Cars in Trains
807 (R). Open top or flat cars loaded with pipe, rail, lumber, poles
or other lading which has tendeney to shift, must
on handed in head end of train, but must not bo
electric locomotive. Exception: Open top cars containing shipments of ercosoted lum-
ber, piling, ete., handled by coal burning locomotive, must be
entrained in rear portion of train. 807 (S). Open top or flat ears loaded with glass shipments packed
with straw or excelsior, handled by coal burning locomotive, must with straw or excelsior, handled by coal burning locomotive, must
be entrained next to caboose.
807 (T) Stock cars conta
Diesel-lecectric locomotive.
807 (U). Last paragraph of Operating Rule 807 is cancelled.
Derricks, Snow Plows, etc.
807 (V). Derricks, rotary, snow plows and MeMyler cranes must
not be handled with less than one tender and one car between machinis and loomotive over North Side, Raft River, Ketchum, Boise, Stod
dard, Wilder, Homestead or New Meadows Branches dard, Wild $\quad$ Rotary 12011
Rotary snow plows 02011, 02012 and 02013 must not be handled
over Stoddard, Wilder or New Meadows Branches.
807 (W). Derricks, pile drivers and rotary snow plows must be
separated from the locomotive and from each other by at leass three
Main track-Between Lima and Silver Bow;
Grace Branch;
Enst Belt Branch
$\begin{array}{ll}\text { Gardner Branch; } & \text { West Belt Branch }\end{array}$
807 (X). 150-ton and 200-ton derricks, pile drivers 0313 and 0321 ,
rotary snow plows $02011,02012,02013$ and 098 and freight cars of rotary snow plows 02011 , o2012, 02013 and 098 and freight cars of
$21,1,000$ puonds or over gross wechgt, must be separated from the en-
gine and each other by at least three ordinary weight cars when 211,000 pounds or over gross weight, must be separated from the en-
gine and each other by at teast thre ordinary weight cars when
passing over the following bridges:

Second Subdivision-Bridge 239.78;
Third Subdivision-Bridge 536.47

## Helper Engines

Helper Engines
808 (R). Single helper engine except Mallet type or 9000 class engines, may be used behind all steel cabooses as well as cabooses
listed below, Fossil to Kemmerer, Glenns Ferry to Bliss and Glomns
Ferry to Reverse, unless car or cars listed in Operating Rule G07 are Ferry to Reverse, unless car or cars listed in Operating Rule 807 ar
in train:

2560
2641
2642
2644
2694
3150
3152
3153
3154
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3160
3161
3162
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3170
3178
3179
3181
3182
3341
3341
3348
3353
3359
3387
3402
3409
3416
When Diesel-eleetric helper cannot be used behind caboose it will
be placed on head end of train.
808 (S). Helper locomotive must not be doubleheaded except as
follows: When Diesel-electric helper locomotive cannot be used behind
caboose under provisions of Special Rule S08 (R); Westward Dubois to Monida; eastward Lima to Humphrey
and between Navy and Apea when tonnage of train does and between Navy and Apex when tomnage of train does
not exceed 65 percent of the combined tonnage rating of
road and helper locomotives;
Between Dillon and Silver Bow, King Hill and Ticeska and 75 percent of the combined tonnage rating of road and helper locomotives.
Not more than two locomotives may be on head end of train. At Silver Bow, when trains are doubleheaded, helpor engine nust
be cut off while cars are being set out or picked up.

Inspection of Trains,
811 (R). On locomotive, tender and freight car whels, flat spots ing spots each two inches or onger, orer and on on passerger ears including streamline train equipment one inch or longer, are condemnable and
when discovered in train, conductor or entineer must immediately when discovered in train, eonductor or engineer must immed
report to chief dispateher and be governed by his instructions.
811 (S). When a train with Diesel-electric locomotive is passing,
trainmen, enginemen, yardmen and others should observe wheels crainmen, enginemen, yardmen and others should observe whee
under power units to see if wheels are turning. In event locked wheels are noticed, stop signal must be given to crew of passing train and
proper precautions taken to prevent damare to

811 (T). In addition to making inspection of train as often as biesel power) must stop and be inspected at the following points:
Kemmerer $\quad$-Eastward and westward

|  |  |
| :---: | :---: |
| Minidoka | - Eastward and we |
| Shoshone | - Eastward a |
| Orchard | -Eastw |
| Nyssa, Ontario or Payette | - |
| Idaho Falls | - |
| Dubois | -Eastward and |
| Dillon | -Eastward and |
|  | and |
|  | -Eastward; |
|  |  |

811 (U). In addition to inspection required by other rules, streamand engineman on the following curves:


Third Subdivision-
$\begin{array}{ll}\text { M.P. 405.50 } & \text {-single curve; } \\ \text { M.P. B-100 } & \text {-reverse curves; } \\ \text { M.P. } 516 & \text {-single curve. }\end{array}$ After rear trainman has completed inspection on the above curves, if everything is all right, he must give engine crew hand signal to
procecd; this signal must be acknowledged by two long sounds of
engine whistle. If anything unusual is detected, train must be stopped and walking
inspection of train must be made before proceeding.

Duties of Engine Men
866 (R). The Mechanical Department will be charged with respon$866(\mathrm{k})$. Nhe nginemen relieved, of
sibility,
Operating Rules and portions theroof

Rule 816;
Rule 869, first paragraph;
Rule 869 (A), first paragraph;
Rule 869 (A), Irst parag,
Rule 884 first sentence;
Rule 885, first sentence.
Engine crew will leave from roundhouse or designated point
promptly when engine is available for service.
869 (R). Last sentence of first paragraph of Operating Rule 869 is changed to read: "Engineer must know that engine is supplied with
12 torpedoes, 6 fusees, a red flag and equipment for train signals." Kemmerer (S). Engines will take only enough water at Granger to make Engines will take water at Blaser only in emergeney.
Eastward engines will not take water at Hammett unless unable
Eastward engines will not take water at Hamn
to make Glenns Ferry without additional water.
870 (R). Last sentence of Operating Rule 870 is cancelled.

Movement of Diesel Locomotive its operated rear end to rear end, with or without ", ", "wnit o nits, is to be moved by hostlers in yards, or around enginehouses, locmotive must be operated from lea
tion in which movement is to be made

Duties of Employes on Diesel Locomotive
874 (R). Second paragraph of Operating Rule 874 is cancelled. On Diesel-electric locomotives in road service, not more than fiv
nen may ride in control cab. The following instructions will govern fremen and head brakemen
in performing their duties on Diesel-electric locomotives in road in perrorming their duties on Diesel-electric looomotives in road
service, and will supersede and eancel all previous instructions,
either written or oral Firemen will patrol engine rooms and make inspection of engine, ttention as may be required. Any onusual condition or irregularity detected must be reported to engineer, and fireman will be governed
by engineer's instructions. On multiple-unit Diesel-electric locomotives on high-speed, streamlined, or main line throukh passenger trains, a fire.
control cab at all times when the train is in motion.
This applies to the following trains:

| Nns. | Between |
| :---: | :---: |
| $11-12$ | Granger and Huntingto |

$\begin{array}{cc}\text { 17-18 } & \text { Granger and Huntington } \\ \text { 105-106 } & \text { Granger and Huntington }\end{array}$
This rule shall be strictly observed and firemen who violate it shall
be subject to discipline.
ee subject to disciplin
When a fireman is required by this rule to remain in control cab
at all times while train is in motion, his patrol of engine rooms will
be be made at initiel stations and at othher stopp shen engine woill permit.
At points where firemen change, incoming fireman will assist outAt points where firemen chang
going fireman in making patrol.
On other trains, fireman will patrol engine rooms at initial stations
and at other stops. When time between stops is 30 minutes or more nd at other stops. When time between stops is 30 minutes or more,
and at suech other times as may be directed by engineer, fireman will and at such other times as may be dirceted
On freight trains, head brakeman must ride in control cab except
while performing duties requiring him to be elsewhere, as specifically
phovider or while performing duties requiring him to be elsewhere, as specifically
provided by rules. When neeessary to ride elsewhere in freight loco-
motive, he will immediately return to control cab on motive, he will immediately return to control cab on signal from
engineer. When fireman is patrolling engine rooms while train is in motion, head brakeman must remain in eontrol cab during fireman's bsence and must o
Operating Rule 810 .
When necessary for trainmen to ride in cab of trailing unit, they wust not occupy engineer's seat and must not tamper with or
manipulate any of the switches or valves nor place feet on dashboard manipulate a any
or windshield.
Unauthorized persons, including deadhead trainmen and engine-
men must not occupy cab of trailing unit of Diesel-electric locomomen must not occuan
tive on any train.

Oil-Burning Engines
875 (R). Adequate spot fire to provide near maximum steam pres-
sure must be maintained on oil-burning engines when not working sure must be maintained on oil
steam to avoid fire box leakage.

Leaving Locomotives Unattended
875 (S). Operating Rule 875 is cancelled and the following will Locomotive must not be left without a man in charge, except at
designated places and under authorized conditions. Locomotives designated pe laces and under authorized conditions. Locomotives
must tot be left standing so they will block or foul adjacent tracks. When locomotive coupled to cars is left unattended, hand brakes
must be set on not less than ten cars, or on all cars in case locomotive must be set on not less than ten cas
is coupled to only ten cars or less.

Continued on opposite side.

876 (S). Continued. latched and safety pin inserted, eylinder cocks opened indep indendent thent or straight air brakes applied in full application position and brake
cylinder cylaker pressur noted before leaving locomotive. Driver and tender
brake cut-out cocks must be cot in, reverse lever latehed in center
posit
 When a Diesel-electric locomotive is left unattended
bandle a mers pendent brake set in full in neutral position and handle removed, inde-
pulled pulled and hand brake set on each unit.
875 (T). Where engine crews with 3800 and 3900 class locomotives
eat at intermediate stations, one member of crew must stay with eat at intermediate
engine at all times.

76 (R). Operating Ran Handling Locomotive Engineers ming Rule 876 is cancelled. comotive. The fireman, when competent, may handle the locoof the when in road freight and yard service under the supervision not be permitted to handle the locomotive when in road passenger
service not be permitted to handle
service, except in emergency.

Use of Blow-Off Cocks and Sludge Remover
8ediately). Blow-off cocks or sludge removers must not be used im
Diesel Motors Cut Out
$883(\mathrm{R})$. When Diesel units are operating with less than full complementors at any time enroute, train dispatcher must be notified
the motar immediately.

## 800 Class Locomotives

889 (R). 800 class locomotives must not be worked with less than
890 (R). Before moving an engine and during movement of an
engine in engine in the vicinity of tueling stations and serving movement of an
neers and hostlers must sound whistle to warn men tracks, engineers and hostlers must sound whistle to warn men working about
such tracks.

896 (R). Engines heavier than indicated must not go on the tracks named:
Exceptions: Tracks which may be used by 0-6-0 or heavier engines may beksed ich may be used by heavy. MacArthur engines may als be used by 3500,3800 and 3900 class engines.
Tracks which may be used by $2-10-2$ engines may also be used by 800 class engines.





| 900 (R).-Continued. |  |  |
| :---: | :---: | :---: |
| Location | Structure or obstruction | Clearance of engine or car is close at |
| Homedale Branch Homedale | Water tank spout. | Side and top. |
| Oregon Eastern Branch |  |  |
| Ontario. | Coal chute . Sand bin west of coal chute |  |
| M.P. 11.47 | Bridge. | Side. |
| Vale. | Standpipe | Side. |
| M.P. 29.27 | Bridge | Side. |
| M.P. 53.71 | Tunnel ${ }_{\text {Ttokyard platiorm............ }}$ | $\xrightarrow{\text { Top. }}$ Side. |
| M.P. 71.16 | Tunnel........ | Top. |
| M.P. 72.35 | Bridge ................... |  |
| Juntura | $\underset{\substack{\text { Water tank spout . . ............ } \\ \text { Bridgo }}}{ }$ | Side and top. |
| M.P. 84.99 | Bridge |  |
| Riverside. | Water tank spout............ | Side and top. |
| M.P. 95.32 | Bridge .1................ | Side. |
| Venator.. | Water tank spout.............. Stock yard platiorm......... | Ster $\begin{aligned} & \text { Side and top. } \\ & \text { Side. }\end{aligned}$ |
| Crane. | Water tank spout ............. | Side and top. |
| Burns. | Standpipe . . . . . . . . . . . . . | Side. |
| Brogan Branch |  |  |
| Brogan..... | Water tank spout | Side and top. |
|  |  |  |
| New Meadows Branch |  |  |
| Giodrich........... | Water tank spout.............. | Side and top. |
| New Meadows | Water tank spout............. | Side and top. |
| Homestead Branch |  |  |
| M.P. $3.99 \ldots \ldots$ |  | Side and top. |
| ${ }_{\text {M. }}^{\text {Mineral }}$ 32.06. | Water tank spout <br> Tunne | Side and top. |

$900(\mathrm{~S})$. Due to the length of 4000 class engines, the overhang at
the front of boiler and rear of cab is greater on curves than obtains
 More clearance will be required on yard turn-outs and enginemen
must know that cars on adjccent tracks near turn-outs are sufficiently back of elearance point to properly clear these engines.
Yardmen must sec that engines and cars are kept at least three car
lengths from fouling point at each end of yard tracks to insure proper lengths from fouling point at each end of yard tracks to insure proper
clearance for these engines heading into yard tracks. Enginemen, in taking these engines to or from roun
These engines must not enter or leave center sidins while These engines must not enter or leave center sidings while trains
handling loads 12 or more feet wide are passing on either main track. Due to length of this class engine restricting left view of engineer
for a considerable distance ahead, it is imperative that firemen comply literally with requirements of Operating Rule 893, particucomply iterally with requiremen
larly in movements about yards.

## Air Brake Rules

$1006(\mathrm{R})$. Standard brake pipe pressure of 90 pounds in freight and
mixed train service must be maintained on:
First Subdivision and connecting branches;
Second Subdivision and connecting branches;
Third Subdivision;
Fourth Subdivision
Nourth Subdivision;
Fifth Subdivision and comecting branches;
Uells Branchio
Stolddard Branch;
Idaho Northern Branch between Jenness and Emmett.
1030 (R). Where Sperry rail-detector car is working when tem-
perature is below freezing, trains, engines and track cars operated at safe speed using sand where necessary to overcome operated at a sate speed, using sand where necessary to overcome
slippery condition caused by use of calcium chloride solution by rail
car.
1035 (R). On passenger trains, running test as required by Air
Brake Rule 1035 must be made at following points: M.P. 43.7, west of Moyer Jet.
Hum
Moni
Apex
Feely
Geerri
Reas
Reas
Gerrit
Reas Pass
Ticeska
Then
Reas Pass
ieveskas
Revse
emarack Wastward;
-Westward
Westward

1041 (R). On freight and mixed trains, air brake test as required
Air Brake Rule 1041 must be made at following points: Kemmerer or Moyer Jet
${ }^{\text {Gerrit }}$ Reas Pass
-Westward;
-Eastward;
Tamarack M.P. 84.5, New Meadows Braneh
Westward;
Westward and eastward;
Westward; - Westward;
This test must also be inade at intermediate points on these grades
by single engine trains and trains with helper engine on head end ascending the grade, and by all trains descending grade, whenever
engine is changed cock turned, or when train has been standing for 30 minutes or more
cor 1042 (R). Retaining valves must be used on freight and mixed trains
as per Air Brake Rule 1042 (B) as follows:
$\begin{array}{ll}\text { Kemmerer to Fossil; } & \begin{array}{l}\text { Reas Pass to Big Springs; } \\ \text { Humphrey to Highbridge; } \\ \text { Tieeska to King Hill; }\end{array}\end{array}$ Monida to Lima;
Apex to Glen;
Feely to Buxton;

$$
\begin{aligned}
& \text { Teaskas to King Hill, } \\
& \text { Reverse to Hammetti, } \\
& \text { Summer Camp to Mela }
\end{aligned}
$$

Gerrit to Warm River; Jemness to M.P. 23.

$$
\begin{aligned}
& \text { All retaining valves must be used M.P. } 80 \text { to M.P. 64, Idaho } \\
& \text { Northern Branch. }
\end{aligned}
$$

## 1042 (R).-Continued


Log trains must use retaining valves in 20 -pound position Tamarack
to Glendale and in 10-pound position Glendale to Council and such
trains must to Glendale and in 10-pound position Glendale to Council and suc
trains must stop and be inspected at Tamarack and Glendale. All east ward freight and mixed trains will stop and remain standing
for at least 10 minutes at Big Eddy and Banks for inspection of train for at least 10 minutes at Big
and to permit wheels to cool.
1042 (S). Before departure from Gay, test of brakes will be made in
accordance with Air Brake Rule 1040 (D). Retaining valves must be used on all trains as required by Air Brake Rule 1042, from Gay to M.P. 9.25. Duplex retaining valves must be placeed in, full retaining
position on all loads. All trains must stop at M.P. 9.25 and wil position on altang not less than ten minutes to cool wheels and turn
remin town retaining valves.

$$
\begin{aligned}
& \text { Northern Branch. } \\
& \text { All retaining valves must be used Rubicon to New Meadows and } \\
& \text {. }
\end{aligned}
$$

Tamarack to Glendale, except trains of empty log ears
On passenger trains, all retaining valves must be used as follows: $\begin{array}{ll}\text { Gerrit to Warm River; } & \begin{array}{l}\text { Tamarack to Glendale; } \\ \text { Reas Pass to Big Springs; }\end{array} \\ \text { Rubicon to New Meadows. }\end{array}$
Smiths Ferry to Banks;
Exceptions: Freight and mixed trains, when handled by engines
equipped with two air compressors which are operative may be han equipped with two air compressors which are
ded without use of retaining valves as follows:
Trains averaging not to exceed sixty gross tons per operative brake:
Apex to Glen;
Apex to Glen;
Monida to Lima;
Summer Camp to Melandeo;
Monida to Lima;
Feely to Buxton;
Summer Camp to
Jenness to M.P. 23 .
Trains averaging not to exceed sixty-five gross tons per operative
brake:
Kemmerer to Fossil;
Humphrey to Highbrid
Ticeska to King Hill,
Reverse to Hammett.
On westward trains, after sounding station whistle for Apex and will give a proceed signal which must be answered as pero trainman Rule 14(b). If this signal is not reecived, train must be stopped and
air brakes air bires tested as per Air Brake Rule
until brake pipe pressure is fully restored
If tonnage per operative brake is exceeded, at least 50 percent of
hen ( K . When a lend locomotivo, brak is added to a train, exust be tested as prescribed by Air Brake Rule 1040 (D), which covers
eest of Cest of brakes on one or more cars added
subsequent to a terminal test of air brakes.
$1244(\mathrm{R})$. When Fairbanks-Morse Diesel units 700, 700-B and 701
are used together, the low braking range on dynamic brake under any circumstances be used at a speed in excess of 36 M.P.H. Dynamic brake on locomotives 1360 to 1370 inclusive should be used only when handling single, and must nins.
heading with other power or handling trains.
1251 (R). When a helper locomotive is added to a train, except when operated as lead locomotive, brakes on such locomotive must
ee tested as prescribed by Air Brake Rule 1242 (E), which covers est of brakes on one or more cars added to a train at any point
subsequent to a terminal test of air brakes.
rating of diesel-rlectric locomotives in freight service in tons of 2000 pounds
Total weight of train exclusive of locomotive, which the different classes of locomotives will haul in each direction between stations named, under

## favorable weather conditions. A deduction of ten per cent may be made for time freight trains.

| $\begin{aligned} & \text { TYPE OF } \\ & \text { LOCOMOTIVE } \end{aligned}$ | $\underset{\text { (Inclusive) }}{\text { NUMBERS }}$ | H.P. | NUMBER OF UNITS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EMD | 1000 to 1095 | 1000 | 1 | 1400 | 1050 | 1570 | 1150 | 890 | 680 | 2000 | 1780 | 400 | 3000 | 680 | 680 | 3000 | 460 | 890 | 770 |
| ALCO | 1100 to 1153 | Yard SW 1000 | 1 | 1570 | 1200 | 1750 | 1350 | 1020 | 770 | 2000 | 2000 | 460 | 3000 | 830 | 770 | 3000 | 530 | 1020 | 880 |
| FM | 1300 to 1304 | 1000 | 1 | 2030 | 1580 | 2000 | 1580 | 1180 | 870 | 2000 | 2760 | 500 | 3000 | 1200 | 500 | 3000 | 750 | 1000 | 1090 |
| Baldwin | 1200 to 1210 | 1000 | 1 | 1910 | 1390 | 2000 | 1550 | 1150 | 845 | 2000 | 2000 | 485 | 3000 | 910 | 845 | 3000 | 390 | 910 | 790 |
| ALCO | 1180 to 1195 | Rd. SW 1500 | 1 | 2710 | 1880 | 2100 | 2100 | 1580 | 1140 | 2100 | 2100 | 670 | 3000 | 1320 | 1140 | 3000 | 780 | 1220 | 1090 |
| FM | 1325 to 1329 | Rd. SW 1500 | 1 | 2030 | 1580 | 2100 | 1580 | 1180 | 870 | 2100 | 2760 | 500 | 3000 | 1200 | 1130 | 3000 | 750 | 1000 | 1090 |
| FM | 1360 to 1370 | Rd. SW 2000 | 1 | 2530 | 1850 | 2900 | 2000 | 1510 | 1110 | 2900 | 2900 | 640 | 3000 | 1200 | 1110 | 3000 | 740 | 1520 | 1290 |
| EMD | 1400 Series | Frt. 1500 | 1 | 2060 | 1950 | 2500 | 1650 | 1650 | ${ }^{*} 1650$ | 2100 | 2100 | 640 | 3000 | 1100 | 1030 | 3000 | 830 | 1350 | 1065 |
| EMD | 1500 Series | Frt. 1500 | 1 | 2530 | 2530 | 3000 | 2500 | 1900 | ${ }^{*} 1900$ | 2550 | 2530 | 800 | 3000 | 1375 | 1265 | 3000 | 1025 | 1750 | 1300 |
| ALCO | 1600 Serics | Frt. 1500 | 1 | 2300 | 2300 | 2750 | 2250 | 1750 | *1825 | 2350 | 2350 | 740 | 3000 | 1250 | 1150 | 3000 | 930 | 1550 | 1175 |

RATING OF DIESEL-ELECTRIC LOCOMOTIVES IN FREIGHT SERVICE IN TONS OF 2000 POUNDS
Total weight of train exclusive of locomotive, which the different classes of locomotives will haul in each direction between the stations named, under favorable weather conditions. A deduction of ten per cent may be made for time freight trains.

| TYPE | $\underset{\substack{\text { NUMBERS } \\ \text { (Inclusive) }}}{\text { ( }}$ | H.P. | NNOX | Pocatello Shoshone | $\begin{gathered} \text { Shoshone } \\ \text { to Glonns } \\ \text { Ferry } \end{gathered}$ | $\begin{gathered} \text { Glenns } \\ \text { Ferry } \\ \text { Orchard } \end{gathered}$ | Orchard <br> to Hunt- <br> ington | HuntingNampa |  | Orchard <br> Glenns <br> Ferry | $\begin{gathered} \text { Glenns } \\ \text { Ferry to } \\ \text { Shoshone } \end{gathered}$ | Shoshone Minídoks | $\begin{gathered} \text { Minidoka } \\ \text { to } \\ \text { Pocatello } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EMD | 1400 Scrics | 1500 | 1 | 2000 | 4000 | -2500 | 3000 | 3000 | 2000 | 3750 | *1775 | 2750 | 2500 |
| EMD | 1500 Series | 1500 | 1 | 2350 | 4900 | -3100 | 4000 | 3650 | 2500 | 4000 | -2350 | 3200 | 3000 |
| ALCO | 1600 Series | 1500 | 1 | 2200 | 4500 | ${ }^{*} 2750$ | 3300 | 3350 | 2200 | 4000 | -1925 | 3000 | 2750 |

*With helpers.
NOTE: Rating shown is for single unit. If more than one unit, rating of
combined units will govern.

TOTAL LOADED WEIGHT ON DRIVERS
220,000 to 237,000 pounds $\quad \underline{235,000 \text { to } 243,000 \text { pounds }}$
No. 1800001063

RATING OF STEAM LOCOMOTIVES IN FREIGHT SERVICE IN TONS OF 2000 POUNDS
Total weight of train exclusive of locomotive and tender, which the different classes of locomotives will haul in each direction between stations named, under favorable weather conditions. A deduction of ten per cent may be made for time freight trains.


