## INDEX

Page
Speed Schedule ..... 1
Portland to Bangor (Lower Road) ..... 2-3
Bangor to Portland (Lower Road) ..... 4-5
Royal Junction to Waterville ..... 6
Waterville to Royal Junction ..... 7
Skowhegan Branch ..... 6-7
Lewiston Branch ..... 8
Farmington Branch ..... 8
Harmony Branch ..... 8
Rockland Branch ..... 9
Dover-Foxcroft Branch ..... 9
Bingham Branch ..... 9
Rangeley Branch ..... 10
Canton Branch ..... 10
Portland to St. Johnsbury ..... 11
St. Johnsbury to Portland ..... 11
Quebec Junction and Beecher Falls. ..... 12
Bangor to Vanceboro ..... 13
Vanceboro to Bangor ..... 13
Bangor to Calais ..... 14
Calais to Bangor ..... 15
Bucksport-Mt. Desert Ferry ..... 16
Eastport and Woodland Branches ..... 16
General Special Instructions ..... 17-18-19
Portland Division Special Instructions. 20-31


## TIME TABLE No. 4

FOR EMPLOYES ONLY

EFFECTIVE AT

## 12.O1 A. M., SUNDAY

APRIL 29, 1934

SUPERSEDING
Time Table No. 3 and All SUPPLEMENTS THERETO

## J. W. SMITH. general Manager.

```
S. E. MILLER. F. W. ROURKE,
Assistant General Manager.
F. W. ROURKE, GENERAL SUPERINTENDENT.
```

F. O. WOOD,
T. M. MCLAUGHLIN.
SUPERINTENDENT
SUPERINTENDENT
EASTERN DIVISION
PORTLAND DIVISION

SPEED SCHEDULE.


EASTWARD TRAINS-FIRST CLASS.


[^0]

WESTWARD TRAINS-FIRST CLASS.


WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME CLASS, UNLESS OTHERWISE PROVIDED.
No. 127 is superior to No. 502.
No. 153 is superior to No. 504.
No. 11 is superior to No. 102 .
Trains using Portland Terminal Company tracks will be governed by Portland Terminal Company timetable and rules, and assume corresponding acherinies ef that timetable
Train schedules and all regulations shown in this timetable as applying within Portland Terminal Company limits are for information only.



WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME GLASS, UNLESS OTHERWISE PROVIDED.

- No. 153 will not run until Wednesday, May 23.
$\Delta$ No. 155 will not run until Wednesday, June 20.


WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME CLASS, UNLESS OTHERWISE PROVIDED. No. 21 is superior to No. 130.
No. 131 is superior to No. 28.


WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME CLASS, UNLESS OTHERWISE PROVIDED.
No. 21 is superior to No. 130.
No. 131 is superior to No. 28.


WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME GLASS, UNLESS OTHERWISE PROVIDED.
$\triangle$ No. 152 will not run until Wednesday, June 20.
$\oplus$ No. 156 will not run until Wednesday, May 23.


## WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME CLASS, UNLESS OTHERWISE PROVIDED.

Nos. 394 and 398 have rights of an extra train only, between yard limit signs, Livermore Falls Yard.
No. 805 is superior to No. 804 .

PORTLAND DIVISION


WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME CLASS, UNLESS OTHERWISE PROVIDED.

PORTLAND DIVISION


WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME CLASS, UNLESS OTHERWISE PROVIDED.
No. 205 is superior to No, 226.
Nos. 394 and 398 have rights of an extra train only, between yard limit signs, Liverinore Falls Yard.

MOUNTAIN SUBDIVISION
PORTLAND DIVISION


WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME CLASS, UNLESS OTHERWISE PROVIDED.

[^1]

EASTERN DIVISION

EASTWARD TRAINS-FIRST CLASS.
BANGOR TO VANGEBORO

| $\begin{aligned} & \text { milos } \\ & \text { from } \\ & \text { Bangor } \end{aligned}$ | Passingsilines.Capactity Cars. | STATIONS. |  | $\begin{gathered} 7 \\ \text { c. } . \end{gathered}$ | $\begin{gathered} 9 \\ \text { c. } \\ \hline \end{gathered}$ | 71 | 93 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Ex. Sun. | Dally | Ex. Sun. | Ex. Sun. |
|  | $\begin{array}{r} 38 \\ \text { E. } 23 \end{array}$ |  |  | A. M. | A. M. | A. M. | P. M. |
| 0.00 |  | Bangor | X-W-N |  |  | 4.15 | 3.20 |
| 3.90 |  | Veazie  <br> Basin Mills  <br> Orono X-D <br> Great Works $\mathbf{X}$ |  |  |  | 4.23 | f 3.28 |
| 7.28 |  |  |  |  |  | 3.34 |
| 8.06 |  |  |  | 4.31 |  | s 3.38 |
| 11.15 |  |  |  |  |  | s 3.45 |
| 12.21 |  | Oldtown | X-W-N |  |  |  | A 4.39 | s 3.50 |
| 13.08 | 43 | Milford | $\mathbf{X}$ |  |  |  |  | s 3.53 |
| 18.03 | W. 19 | Costigan |  |  |  |  | 4.50 | s 4.01 |
| 22.63 | E. 18 | Greenbush |  |  |  | 4.57 | f 4.08 |
| 26.33 | W. 32 | Olamon |  |  |  | 5.02 | f 4.15 |
| 30.58 | 22 | Passadumkeag |  |  |  | 5.08 | s 4.22 |
| 35.09 | 37 | EnfleldPollard Brook-South Lincoln |  |  |  | 5.15 | S 4.31 |
| 40.19 | W. 27 |  |  |  |  | 5.23 | f 4.39 |
| 44.46 | E. 25 | $\begin{array}{ll}\text { Pollard Brook-South Lincoln } \\ \text { Lincoln } & \text { W-D }\end{array}$ |  |  |  | s 5.33 | s 4.48 |
| 46.10 | 25 | Middletown-Lincoin Center |  |  |  | 5.36 | s 4.52 |
| 49.23 |  | Honstons-North Lincoln Chamberlains Penobscot |  |  |  |  | f 4.58 |
| 49.98 | 41 |  |  |  |  | 5.43 | 4.59 |
| 53.98 | 32 |  |  |  |  |  | 5.05 |
| 55.26 | 21 | Penobscot  <br> Winn D |  |  |  |  | s 5.08 |
| 57.66 | 28-W. 84 | Mattawamkeag | X-W-N | 1.45 | 5.40 | s 5.55 | S 5.17 |
| 61.30 | 59 | Gordon |  | 1.52 | 5.48 | 6.03 | 5.25 |
| 65.93 | W.59-W.59 | Kingman W-D |  | 1.58 | 5.55 | P 6.10 | s 5.33 |
| 68.82 | E. 58 | Drew |  | 2.02 | 5.59 | 6.14 | 5.38 |
| 72.53 | 23 | Meadow Brook |  |  | 6.04 | 6.19 | 5.44 |
| 75.20 | E. 68 | Wytopitlock D |  | 2.10 | 6.08 | 6.23 | s 5.50 |
| 78.35 | W.58-W. 59 | Bancroft |  | 2.14 | 6.13 | 6.28 | f 5.58 |
| 82.70 | 59 | Cherokee |  | 2.20 | 6.20 | 6.35 | 6.04 |
| 87.66 | E. 59-E.59 | Danforth X-W-D |  | 2.27 | f 6.28 | s 6.44 | s 6.14 |
| 92.66 | E. 58 | Eaton |  | 2.33 | 6.36 | 6.51 | s 6.23 |
| 97.24 | w.58-w. 59 | Forest $\quad$ D |  | 2.39 | 6.43 | H6.59 | S $\begin{array}{r}6.31 \\ \hline 6.40^{10} \\ \hline 6.47\end{array}$ |
| 101.52 | W. 27 | Tomah |  | 2.45 | 6.49 | 7.05 | f 6.47 |
| 104.66 | 58 | Todds Farm |  | 2.50 | 6.55 | 7.11 | 6.53 |
| 108.73 | 63 | Lambert Lake |  | 2.55 | 7.01 | 7.17 | s 7.00 |
| 113.74 |  | Vanceboro | X-W-N | 3.02 | 7.10 | 7.25 | 7.10 |
|  |  |  |  | A. M. | A. M. | A. M. | P. M. |

WESTWARD TRAINS-FIRST CLASS. VANCEBORO TO BANGOR

| $\underset{\substack{\text { Miles } \\ \text { from } \\ \text { Vancebboro }}}{ }$ | STATIONS. | 92 | $\begin{gathered} 10 \\ \text { C. } \mathbf{P} \end{gathered}$ | $\begin{gathered} 6 \\ \text { c. } R . \end{gathered}$ | 8 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Ex. Sun. | Dally | Ex. Sun. | Ex Sun. |
|  |  | A. M. | P. M. | P. M. | P. M. |
| 0.00 | Vanceboro X-W-N | 8.20 | 6.10 | 9.10 | 9.15 |
| 5.01 | Lambert Lake | s 8.30 | 6.19 | 9.19 | 9.24 |
| 9.08 | Todds Farm | 8.36 | 6.26 | 9.25 | 9.30 |
| 12.22 | Tomalh | f 8.41 | 6.31 | 9.30 | 9.35 |
| 16.50 | Forest . D | s 8.49 | $6.38{ }^{93}$ | 9.36 | M 9.42 |
| 21.08 | Eaton | 58.58 | 6.45 | 9.43 | 9.49 |
| 26.08 | Danforth X-W-D | s 9.07 | f 6.54 | 9.49 | s 9.59 |
| 31.04 | Cherokee | 9.15 | 7.01 | 9.56 | 10.06 |
| 35.39 | Bancroft | s 9.22 | 7.08 | 10.03 | c10.13 |
| 38.54 | Wytopitlock D | s 9.28 | 7.13 | 10.07 | c10.18 |
| 41.21 | Meadow Brook | 9.33 | 7.17 | 10.11 | 10.22 |
| 44.82 | Drew | 9.38 | 7.22 | 10.16 | 10.27 |
| 47.81 | Kingman W-D | s 9.44 | 7.27 | 10.20 | ¢10.31 |
| 52.44 | Gordon | 9.52 | 7.34 | 10.26 | 10.38 |
| 56.08 | MattawamkeagX-W-N | s10.00 | 7.40 | 10.32 | S10.44 |
| 58.48 | Winn $\quad \mathrm{D}$ | s10.06 |  |  |  |
| 59.76 | Penobscot | 10.09 |  |  |  |
| 63.76 | Chamberlains | 10.15 |  | - | 10.56 |
| 64.51 | Houstons-North Lincoln | f10.16 |  |  |  |
| 67.64 | Midditatowillincoln Center | s10.22 |  |  |  |
| 69.28 | Lincoln W-D | s10.27 |  |  | s11.06 |
| 73.55 | Pollard Brook-South Lincoln | f10.34 |  |  | 11.14 |
| 78.65 | Enfield D | 810.42 |  |  | 11.21 |
| 83.16 | Passadumkeag | s10.49 |  |  | 11.27 |
| 87.41 | Olamon | s10.57 |  |  | 11.33 |
| 91.11 | Greenbush | f11.03 |  |  |  |
| 95.71 | Costigan | s11.11 |  |  | 11.44 |
| 100.66 | Milford $\mathbf{X}$ | s11.18 |  |  |  |
| 101.53 | Oldtown X -W-N | s11.23 |  |  | B11.54 |
| 102.59 | Great Works X | s11.26 |  |  |  |
| 105.68 | Orono X-D | s11.34 |  |  | 12.01 |
| 106.46 | Basin Mills | 11.36 |  |  |  |
| 109.84 | Veazie | f11.43 |  |  |  |
| 113.74 | Bangor $\quad \mathbf{X}-\mathrm{W}-\mathrm{N}$ | 11.50 |  |  | 12.15 |
|  |  | A. M. | P. M. | P. M. | A. M. |

WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME CLASS, UNLESS OTHERWISE PROVIDED.
No. 71 is superior to No. 92.
No. 9 is superior to No. 92.


[^2]- No. 153 will not run until Wednesday, May 23.


WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME CLASS, UNLESS OTHERWISE PROVIDED.
$\oplus$ No. 156 will not run until Wednesday, May 23.

EASTERN DIVISION


WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME CLASS, UNLESS OTHERWISE PROVIDED.

| EASTWARD TRAINS-FIRST CLASS. |  |  |  |  | $\begin{gathered} \text { MT. DESERT FERRY } \\ \text { BRANCH } \end{gathered}$ |  |  |  | WESTWARD TRAINS-FIRST CLASS. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mllos fromWashington Jet. | Paselingsidilats. Capacty cars. | STATIONS. |  |  |  |  |  |  | NS. |  |  |  |  |
|  |  |  |  |  |  |  |  |  | S. |  | : |  |  |
| 0.00 | 31 | Washington Junction | X-W |  |  |  |  | 0.00 | Mt. Desert Ferit … $\mathbf{x}$ |  |  |  |  |
| 3.48 | 13 | Franklin Road |  |  |  |  |  | 2.50 | Waukeag |  |  |  |  |
| 7.25 | 13 | Hancock |  |  |  |  |  | 3.55 | Hancock |  |  |  |  |
| 8.30 | W. ${ }^{13}$ | Waukeag |  |  |  |  |  | 7.32 | Franklin Road |  |  | $\cdots$ |  |
| 10.80 | W. 7.7 | Mt. Desert Ferry | $\mathbf{x}$ |  |  |  |  | 10.80 | Washington Junolion $\quad \mathbf{X}$-W |  |  |  |  |

WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME GLASS, UNLESS OTTHERWISE PROVIDED.


WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME CLASS, UNLESS OTHRRWIRE PROVIDED.

| EASTWARD TRAINS - SECOND CLASS. |  |  |  |  | WOODLANDBRANCH |  |  | WESTWARD TRAINS-SECONB CLASS. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\underset{\substack{\text { Mlisas } \\ \text { fromm } \\ \text { foodland }}}{ }$ | $\begin{aligned} & \text { Pagsing } \\ & \text { slidine. } \\ & \text { Capactity } \\ & \text { Carr. } \end{aligned}$ | STATIONS. | (439 <br> miked <br> Ex. Sun. <br> S. |  |  |  | $\begin{aligned} & \text { Mllos from } \\ & \text { sto Crolx } \\ & \text { Junction } \end{aligned}$ | STATIONS. | (438 |  |  | - |
| $\begin{aligned} & 0.00 \\ & 6.56 \\ & 8.08 \end{aligned}$ | 12 | $\begin{array}{l}\text { Woodland } \\ \text { Baring } \\ \text { St. Croix Junction }\end{array}$ X-W <br>   | ¢ ¢. <br> P. M. <br> i. <br> S 1.25 <br> 1.30 <br> P. M. |  |  |  | 0.00 1.52 8.08 | St. Croix Junction Baring Woodland | $\begin{array}{\|c\|} \hline \mathrm{AR}, \mathrm{se} \\ \hline 10.50 \\ \mathrm{SNO.55} \\ 11.20 \\ \mathrm{~A} . \mathrm{M} \\ \hline \end{array}$ | $\because$ |  |  |

WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME CLASS, UNLESS OTHERWISE PROVIDED.

## GENERAL SPECIAL INSTRUCTIONS

NOTE-These general special instructions are in effect on both the Portland and Eastern Divisions.

## STANDARD CLOCKS.

Telegraph Office, Leviston Upper Station. Telegraph Office, Brunsvick Station. Telegraph Office, Waterville Station. Telegraph Office, Waterville Yard. Train Dispatchers' Office, Bangor. Teledraph Office, Mattawamkeag. Telegraph Office, Calais.

The Rules of the Operating Department are printed separately in book form. Every employe whose duties are connected with the movement of trains must have a copy of them and of the current time table accessible when on duty.

When foot note in time table provides that a train of superior direction take siding for a train of inferior direction, this applies only to scheduled or train order meeting points and when running on time table rights without train orders and unable to make scheduled meeting point, the train of inferior direction must clear the train of superior direction as provided by the rules and take siding.

## CHANGE IN GENERAL RULES.

11. Fusees burning red 5 minutes will be used.

Excepting between Bangor and Mattawamkeag where Fusees burning RED five minutes and YELLOW five minutes will be used.

## 19. By day marker lamps unlighted.

108. Add: Enginemen are relieved from examining train registers, except when they act as pilot or have no conductor, but unless otherwise provided must not leave a terminal, or a register station on single track where their rights are affected, until the conductor has checked the register, filled out Resster Check, Form E, and delivered the same personally to each engineman of his train.
109. First paragraph changed to read:

In train orders, regular trains will be designated by number as "No. 10," and sections as "Second 10, " adding engine number when necessary for identification.
210. Change to read:

When a " 31 " train order has been transmitted, operators must, unless otherwise directed, repeat it at once from the manifold copy in the succession in which the several offices have been addressed, and then write the time of repetition on the order. Each operator receiving the order should observe whether the others repeat correctly.
Those to whom the order is addressed, except enginemen, must read it to the operator and then sign it, and the operator will send their signatures preceded by the number of the order to the train dispatcher. The response "complete" and the time, with the initials of the superintendent, will then be given by the train dispatcher. Each operator receiving this response will, in his own handwriting, enter on each copy the word "complete," the time, and his last name in full, and then deliver a copy for each employee addressed. The copy for each engineman must be delivered to him personally by the conductor, and enginemen must read the order to the conductor before proceeding.
Enginemen must show train orders to firemen, and when practicable to forward trainmen. Conductors must show train orders when practicable to trainmen. Trainmen and firemen should keep informed of all train orders affecting the movement of their train.

Note:- Enginemen of freight trains may be instructed by message signed by the superintendent to sign orders designated by number in lieu of the conductor. In such cases all enginemen addressed will read the order to the operator, sign it, and receive their copies, properly "complete," personally from the operator. Delivery of such orders to the conductor accompanied by a copy of the message authorizing signature by the engineman, will then be made by the operator in the same manner as are " 19 " orders delivered. Enginemen, in pulling away from the order station, must so govern the speed of their trains as to insure proper delivery of orders at the caboose. Train order signal will be kept displayed until rear of train has passed.

210a. Cancelled.

## FORMS OF TRAIN ORDERS

G.

## EXTRA TRAINS

Add:
(5) Eng. 99 run extra A to G, clears East of B Extra 25 West which left $D$ at 1205 twelve naught five $p \mathrm{~m}$.

The first named train must not leave $B$ until the second named train has arrived, unless otherwise provided.

Referring to rule 108c regarding the registering of "Schedule Assumed at" the following examples are given to show the application of the rule where sections are irvolved:

No. 11 operates in sections Portland to Brunswick. Sections to be registered ARRIVING at Brunswick "Schedule asstimed at Portland."
No. 11 leaving Brunswick register " Schedule assumed at Brunswick" showing this information on all register books to the end of the run on the division, unless another change is made.
No. 156 operates in sections Waterville to Portland.
On arrival at Waterville conductor tegisters "Schedule assumed at Bangor," and in leaving Waterville, sections to register" Schedule assimed at Waterville" showing this information on all" register books to the end of the run unless another change is made.

Whenever a conductor is relieved at an titermediate point of a schedule the relieving conductor to register where he actually assumed the schedule of the train ori the Division.

In registering trains it will not be necessary to enter the date in the column headed "Date" unless the trip extends into the following day in which case enter the later date in accordance with Rule 108.

In the columns head " signals "-" Displayed From "-" Displayed to" leave all three columns blank unless green has been displayed for a following section, in which case, in every instance, register green where displayed from and to. The use of ditto marks not permitted,

In registering extra trains in the column headed "Train" write the word "Extra" in full, keeping all information in the correct columns.
Not necessary to register " White "' and leave columns headed " Signals" " Displayed From "--" Dispiayed To " blank.
Attention is called to Rule 108d. This in no way refers to extra trains which must register at all registering stations unless cleared on register book by proper authority, and when so cleared to a stated time, no rights are conferred over any schedule due at such register station after time stated.

Trains entering double track from single track may register by slip (Form M. C. 64) at such point, and will be notified by train order should a preceding superior train, that did not display signals to such point, display signals from there, and trains not scheduled to stop at a registering point will benotified by train order should a preceding superior train display signals from such registering point, if signals not displayed to such point. This does not apply to branch line trains at junction points with main line.

Conductor of train displaying signals, or a train for which signals are displayed to Bangor, which is not to go to the Passenger Station, will arrange with Train Dispatcher's Office Bangor, by telephone from Yard Office, for registering at Passenger Station.

There are in operation at various highway croesings, gutomatic crossing flagmen, their operation being same as other automatie crossing signals on line of road including bells.

At all crossings protected by automatic crossing signals in any form, such protection does not cover reverse movements on main lines after train has passed over the crossing but has not passed out of the operating circuit for reverse movements, nor for movements in either direction on sidings.

Therefore, when necessary to make reverse movements on main lines after a train passes over the crossing, or when making movements on sid ings, the crossing must be protected by a member of tife train crew as flagman where a crossing tender is not on duty.

When trains on double track are making through movements against traffic, the speed at such crossings must be reduced to conform to safe operation, except where automatic crossing signals are connected to operate in either direction.

Engines operating tender first will not exceed speed of 20 miles per hour
When class $S$ or $W$ engines haul passenger trains, speed must not exceed 40 miles per hour.
Freight trains with yard engines assisting will not exceed speed three and one-third minutes per mile and yard engines when running light will be governed by same speed restriction.

Freight trains running as section of passenger train must be governed by speed regulations prescribed for freight trains.

Speed of light engines or engine with caboose must not exceed 35 miles per hour.
Speed of trains passing through lead at ends of double track must not exceed thirty miles per hour and at points where spring switches are installed, speed restrictions of twenty miles per hour when trailing through switch must be observed, as hereinafter prescribed in rules governing spring switches at ends of double track.

Where rate of speed per hour is specified that is the maximum at any point. Erample: Twenty miles per hour means each one mile in three minutes, one-half mile in one and one-half minutes.

## WHISTLING RULES.

Enginemen, as required by law, shall cause only the bell to be rung for all crossings covered by ring posts (marked R) and shall cause crossing whistle signal (14-L) to be sounded in addition to ringing of bell for all crossings covered by whistle posts (marked W).

Effective June 20, 1931, Rule 14 (L) and Rule 918 of Rules of the Operating Department were revised.

Enginemen must sound whistle signals accurately and when whistling for crossings the crossing whistle signal (Rule 14 ( $L$ ) revised) shall be given, beginning the first long blast at the whistle post, cut off each blast sharply and make the long and short blasts of the whistle with interval of time between, using a minimuin' of three seconds for each long blast and one second for each short blast with a perceptible time between the blasts.

In case of fast moving trains the one crossing signal, two long and two short blasts of the whistle, shall be prolonged until engine is on the grade crossing. In case of slow moving train the crossing signal shall be repeated, the last short blast to be prolonged until engine is on the grade crossing.
Enginemen shall exercise extra care to comply with the revised Rule 14 (L).

## MISCRLLANEOUS.

Engines must not run over live rail of track scales equipped with dead rails. At points where there is no dead rail, engines must not run over track scales when avoidable.
Freight conductors will in all cases leave a consist of their trains at designated points showing destination of cars and total tonnage, also register tonnage of train at all points where they register.
Freight conductors will leave with telegraph operator each day at end of their trip the total number of loaded and empty cars handled on each train run by them and on symbol and scheduled freight trains register total tonnage handled.
Passenger trains will wait for connecting trains from other railroads, twenty minutes behind the schedule time of departure given in Time Tables of this rairoad, then proceed, unless ordered to the contrary.
In case of passenger train stopping at station where sleeping cars, parlor cars or coaches stand beyond the platform trainmen, where practicable, will not permit passengers to entrain from or detrain to the ground, but arrange for them to pass through other cars so that they may entrain or detrain at the platform.
To avoid accidents passenger trainmen will be careful to close vestibules or platform gates immediately when train starts and when opening vestibules or gates avoid possibility of passengers attempting to leave cars while train is in motion.
Conductors of Passenger and Mixed Trains will announce in Waiting Rooms at Union Station Bangor customary time before departure.
In switching passenger cars they must not be kicked to couple onto other cars or on bunter tracks but in all cases remain coupled until the move is completed before detaching. Air brakes must be in use whenever passenger cars are occupied. Care should be used to make proper use of check chains.
In switching caboose cars, under no circumstances are they to be kicked. Follow the same plan switching caboose cars as passenger equipment, not uncoupling caboose until it his stopped, and in coupling on to caboose cars that are occupied, or that may be occupied, engines will come to full stop before coupling on.
Attention is called to possible fouling of train movements at diverging routes. After train hauls in on one track and clears the fouling point, train muist not be backed beyond fouling point without providing flag protection against conficting movements. At interlocking plants where signals are provided for all possible routes, train must not be backed beyond the fouling point until signal that governs reverse movement indicates proceed, or if signal cannot be operated, movements must be governed as provided in Rules 608 and 668 .
Before coupling onto passenger train road engines will stop within a few feet of the train and then couple on carefully. Shifting engines will make stop before coupling onto any passenger car that is occupied. This rule also applies to $M$. C. Class $S$ and larger engines backing onto freight trains.
Lamps showing green for safety and yellow for caution are installed on stands of derails on passing and other tracks on liries where night service is performed and the targets of such derails are painted yellow; on other lines stands on switches leading directly to side tracks on which derails are installed are given distinguishing marks by painting yellow the handle, except grip, and also the aleeve casting or other part of stand as an indication that a derail exista on the sidetrack.

In case of failure of air pump on passenger train it will continue along to first open telegraph office and report to Superintendent and await instructions. In case of failure of air pump on freight train it will continue along to first freight siding where train can be set off and if not a telegraph office, take engine and caboose along to the first telegraph office and report to Superintendent and await instructions.
On all air brake trains eighty-five per cent. of the cars must have air brakes in operation. Attention is called to Supplements 3 and 4 to M. C. Rules Geverning the Use and Care of Air Brakes and Rule 796 Rules of the Operating Department, which provide that at any point when general change of make up of train has taken place a terminal test of brakes must be made by trainmen, where no inspector located, and whenever cars are set off or picked up it must be known to conductor whether or not brake is operating on eighty-five per cent. of train and engineman must require a report of brakes in operation.

When running snow plow trains with wing plows, engineman is wholly responsible for observance of all signals and safe operation of train, except when under unfavorable conditions engineman is urable to see signals, he will arrange with the conductor to ride in snow, plow; then conductor will assume responsibility for correct observance of signals and, by electric bell, signal engineman who will regulate movement of train from engine, except in case of emergency making necessary, the conductor will stop the train by use of air brake valve located in znow plow.

Electric bell signals used will be as provided in Book of Rules-Rule 16.
(a) 00 when standing - start.
(b) 00 when running-stop.
(f) 0000 when running - reduce speed.
(h) 00000 when running - increase speed

The electric bell attached to cord is part of permanent equipment of wing snow plows, and in using these plows, bell and cord will be carried back and bell placed inside cab of engine in location provided, as means of communication from plow to engine.

Before starting on each trip, and oftener if necessary, conductor will test the electric bell to be sure it is connected and working properly.

Snow plow trains will not under any conditions exceed speed of 40 miles per hour, and on lines where maximum speed of first class trains is less than 40 miles per hour will not exceed the maximum speed for first class trains, and will run at slower speed where conditions make necessary, and conform to any other speed restrictions specified by timetable or bulletin.

When it will not interfere with proper observation of signals, or safe train operation, the headlight of engines equipped with electric headlight must be dimmed when approaching other trains in same or opposing direction, two hundred feet before reaching such trains, and lept dimmed until passed; also approaching stations where opposing trains are making station stop, while making a station stop, entering terminals or passing through yards where engines are working near main tracks, also approachthrough yards where engines are working near main
ing stations where train order signal is displayed.

When necessary to handle a car not equipped with marker brackets on rear of caboose, markers will be displayed on rear of caboose as usual, and in addition a red flag by day and a red lantern by night will be displayed on rear of the car. So far as possible these cars to be handled during hours of daylight.

## application of hours of service law.

## Trainmen and Enginemen.

No Conductor, Engineer, Fireman or Trainman shall remain on duty for a longer period than sixteen (16) hours in any twenty-four (24) hour period.

Whenever any such employe shall have been continuously on duty for sixteen (16) hours, he shall not be required or permitted to again go on duty until he has had not less than ten (10) consecutive hours off duty.

Any such employe who has been on duty sixteen (16) hours in the aggregate (total) in any twenty-four (24) hour period, shall not be permitted to again go on duty without having had at least eight (8) consecutive hours off duty.

Twenty-four (24) hour period begins at the time the employe goes on duty after having at least eight (8) consecutive hours off duty.

## Telegraph Operators.

No telegrapher shall remain on duty for a longer period than:
(1). - Nine (9) hours in any twenty-four (24) hour period in offices continuously operated night and day.
(2). - Thirteen (13) hours in any twenty-four (24) hour period in offices operated only during the day time, except in case of emergency, such employe may remain on duty for four (4) additional hours in a twenty-four (24) hour period, not exceeding three (3) days in any week.

An office is considered continuously operated night and day if open as a telegraph office more than thirteen (13) hours, during any twenty-four
(24) hour period. (24) hour period.

An office is considered operated only during day time if it is open as a telegraph office not exceeding thirteen (13) hours during any twenty-four (24) hour period.

Referring to Rules of the Operating Department, Nos. 666, 737, 864, 897, 1005 and 1089.
To make known conditions observed in accordance with these rules, the following code of signals to be used:

| Hot Journals . . . . . . . . By Day : | Hold nose with first finger and thumb of right hand and point down toward track with left hand. |
| :---: | :---: |
| By Night: | Swing lantern in small vertical circle when running, lantern to be held in hand by the guard wires around the globe. |
| Connection Dragging... By Day or |  |
| Car Door Swinging or | Stop signal to be given. |
| About to Fall Off.... By Day: | Raise and lower right hand full length of body slowly and give stop signal. |
| By Night: | Same signal with lantern. In addition, give stop signal. |
| Brakes Sticking....... By Day: | Palms of hands rubbed together in front of body. |
| By Night: | Lantern swung horizontally in front of body in circle. (Commonly known as kick motion). |

All Clear $\qquad$ By Night

So far as practicable, the rear trainmen (from the rear platfonm) must closely observe the general conditions the entire length of passing trains, if any indications of conditions endangering the train, or any other train "stop" signal must be given; if no apparent defects, "proceed" signal must be given. Rear trainmen of freight trains after passing another train and exchanging signal, must look over each side of their train.
When trains are standing and when other duties do not interfere, trainmen must place themselves in the best possible position on the ground to observe the running gear of trains passing in either direction.

The engineman and forward trainman of freight trains must be on the lookout for signals from the rear after meeting or passing trains, also when approaching and passing stations, towers, and trackmen. The rear trainman of all trains must frequently look over each side of their train for hot journals and other defects. Rear trainmen of freight trains must also perform this duty approaching stations.
When other duties will permit, Operators (except in towers) and from the station platform when possible, must observe all passing trains that do not stop, and exchange signals with the rear trainmen; if any indication of conditions endangering the train, or other trains, "stop" signal must be given; if no apparent defects, "proceed " signal must be given. Towermen will be governed in like manner, except that they will make such observation of passing trains as is possible from the tower.

Trackmen, bridgemen, signal maintainers and other employes must observe passing trains and signal them to stop if any indications of conditions endangering the train or other trains is noted.

## 20

## PORTLAND DIVISION SPECIAL INSTRUCTIONS.

## REFERENCES.

A Stops to leave passengers from Bangor and points east, including passengers from Bangor and Aroostook R. R., and to pick up passengers.
B Stops to take passengers.
C Stops to leave passengers.
D Day train order office.
E Stops to leave passengers from Waterville and east and to take passengers for Portland and west.
f Flag stop to receive or discharge passengers or freight.
H Stops to leave passengers holding tickets from Portland and points west and to take passengers holding tickets for Waterville and points east.
x Flag stop on Saturdays only.
I. Stops to leave passengers holding tickets from New York and points West, until Saturday, June 16, inclusive.
n Day and night train order office.
P Flag stop on Fridays only.
Q Stops to leave passengers holding tickets from points east of Bangor and from Bangor and Aroostook points.
R Stops to leave passengers holding tickets from Waterville and points east and to take passengers holding tickets for Portland and points west.

## s Regular stop.

T Stops to take passengers holding tickets for New York and points West, until Sunday, June 17, inclusive.
v Regular stop, Sundays only.
w Water station.
x Yard Limits.

## DOUBLE TRACK.

P. T. Limit to Freeport Royal Junction to New Gloucester. Gardiner to Augusta.

Waterville to Clinton
Pittsfield to Hermon Pond.
Bangor Freight Yard to double track sign located on Kenduskeag Bridge.

## ELECTRIC STREET RAILWAY CROSSINGS.

Electric street railway croses main line at the following places: Brunswick Wrunswick

Fairfield Main Street or Wyman's Crossing.
Auburn Lewiston Bewth
Bath $\quad$ Washington Street.
Ball signals are located at these croesing: : (See rule No. 698).

## WATCH INSPECTORS.

| Augusta, Me. | F. E. Hilton |
| :---: | :---: |
| Portland. Me., | Frank E. Brow |
| Portland, Me., | Blake \& Hendrickson |
| Bangor, Me., | Adolf Pfaff |
| Bath, Me., | Hall and Hunt |
| Brunswick, Me., | L. P. Caron |
| Bingham, Me., | J. L. Andrews |
| Dover-Foxcroft, Me.t | Wm. H. Pratt |
| Farmington, Me. | Geo. H. Brown |
| Gardiner, Me., | Charles O. Davenport |
| Lewiston, Me., | H. E. Doten |


| Livermore Falls, |  |
| :--- | :--- |
| M. F. Small |  |
| Rockland, Me., | Leon J. White |
| Rumford, Me., | Harold B. Farmer |
| Rumford, Me., | Rumford Jewelry |
| Skowhegan. Me., | A. Co. Nutting |
| Waterville, Me., | G. C. Tapley |
| Pittsfield, Me., Woberts |  |
| St.Johnsbury, Vt., Lurchin \& Lurchin |  |
| Lancaster., N. H., H. J. Whitcomband |  |
| Sons |  |

## WHISTLING RULES.

The use of locomotive whistle in Bangor yard, between Yard Limit signs on main line, will not be permitted except as provided by rule $14-\mathrm{K}$, or in case of danger.
When approaching crossings of Boston \& Maine and Canadian National, enginemen of Maine Central trains give one continuous sound of whistle and enginemen of other roads give two continuous sounds of whistle.

Royal Junction and Waterville, enginemen of trains running via Lower Road give one continuous sound of whistle, trains running via Back Road give two continuous sounds.

Brunswick, enginemen of main line trains give: one continuous sound of whistle, and branch trains give two continuous sounds.

Fairfield, enginemen of trains via main line, give one continuous sound of whistle, and of Skowhegan branch trains give two continuous sounds.
Newport Junction, enginemen of trains from Dover-Foxcroft branch give two sounds of whistle.

Pittsfield, enginemen of trains from Harmony branch give two sounds of whistle.
Livermore Falls, enginemen of trains from Canton branch give two sounds of whistle.
Rumford Junction, enginemen of trains from Rangeley branch give two sounds of whistle.
Oakland, enginemen of trains from Bingham branch give two sounds of whistle.
At Bath a Klaxon horn has been installed at west end of bridge. One long blast of this horn will advise trainmen that their train, or part of train, is within the interlocking limits of the draw, and that Draw Operator is unable to raise the draw. When trainmen hear this signal they must promptly move train to clear the interlocking signals.

## CROSSINGS.

Movements on Track 6 Yarmouth Jct. (Pole Yard track), in either direction, over Sligo Road Crossing must be made at speed not exceeding six (6) miles per hour, and crossing must be flagged by trainman on the ground in Sligo Road before any part of the train, car or cars, is within 50 feet of the line of the road.

Movements on Track 14 (Freeport Realty Company's track) in either direction over Bow and Mill Streets must be made at speed not exceeding six (6) miles per hour, and both crossings must be protected by flagman on the ground in street, before any part of the engine or cars are within 50 feet of lines of streets.

Westward trains stopping at Freeport, for any cause, when crossing signal operator is not on duty will stop east of crossing signal circuit, which is indicated by a sign "Crossing Signal." If, after picking up cars head end of train is west of crossing signal circuit sign then the train should be backed out of crossing signal circuit before proceeding.

To avoid unnecessary operation of West Street Crossing signal Freeport, while work is being done, eastward local freight trains having more cars than can be held between West Street and end of double track, and having work to do at Freeport, will take siding instead of opening West Street Crossing and leaving train on eastward track.

South crossing gate at Union Street, Brunswick, does not protect tracks 25, 27, 29 and 31 (1st, 2nd, 3rd and 4th tracks from the freight house).
All switching, train, engine, and hoister movements on these tracks, in either direction, over Union Street must be protected by a member of the crew making the move, on the ground in the street, before any part of locomotive, car or hoister is within fifty feet of the crossing.

Grade crossing leading to Cushnoc Paper Company's mills, East Augusta, must not be blocked by freight trains or switchers. Main line between this crossing and Bridge Street will hold fifty cars. Westward freight traius having more cars than can be held between crossings, having to take water or do work at Augusta, will leave train east of Cushnoc Paper Company's crossing.

Eastward trains occupying siding at Fair Grounds, Lewiston, to meet westward trains will in no case open east switch of siding, located just west of Fair Grounds Crossing, or enter onto main line until the westward train met has passed out of the crossing signal circuit, which is about 1900 feet west of the crossings.

To allow better view at highway crossing eastward trains using long siding (double iron) at Fair Grounds, Lewiston, to wait for other trains will stop back of east cross-over, and when leaving will haul out of this cross-over, instead of hauling up over highway crossing on side track and leaving by east switch.

At Leeds Jct. a box containing push keys has been installed on the station near the register book box and when a train is standing at any point on the main line, east or west of the crossing, trainmen can stop operation of the signal by pressing key marked "stop" and when ready to proceed start signal by pressing key marked " start."

At Winthrop to provide clear view of crossing, cars must not be left standing on track 8 between east switch to track 10 and Main St., or standing on track 8 ain St. and Purington Bros. coal shed.

At Winthrop a box containing push keys has been installed on the east end of freight house, and when a train is standing on the main line west of Main St. crossing, trainmen by pressing push key marked "stop" will stop the signal from operating. When ready to proceed, press the key marked " start" and signal will operate.
Freight trains doing work at Oakland back of freight house and moving Freight highway crossing west of station, will notify crossing tender and see that gates are down before moves are made.
At Dover-Foxcroft all shifting and Train movements over Summer St. crossing must be protected by a member of the crew on the ground.
All shifting movements over Spring St., North St., and Mechanic St. crossings must be protected by a member of the crew on the gromnd and crossings must be protected by a member of the restricted to six miles an hour over all four of the above named crossings.

All switching, train, engine and hoister movements on tracks 15,21, 31, and 11 in either direction over Summer Street must be protected by a member of the crew making the move, on the ground in the street, before any part of locomotive, cars or hoister is within 50 feet of the crossing.

Crossings at Bath are protected by Crossing tenders as follow, at present:

## Water Street.

Washington Street.
Week Days
School Street.
Center Street
North Street.
Pearl Street.
York Street.
5.15 A. M. to 9.15 P. M.

## Sundays

7.30 A. M. to 9.30 A. M. 4.00 P. M. to 6.00 P. M.

During period crossings are not protected by crossing tenders crew of trains or engines operating over these crossings will protect them while move is being made. Enginemen and Conductors of trains making the move will be held responsible for protection.

Crews shoving cuts of cars eastward on track 12 (Commercial Street), Bath, will, in all cases, have air brakes coupled up and working, and a brakeman with riding hose on top of leading car prepared to apply air brake in case of emergency. Movements on this track must be made at speed not exceeding six (6) miles per hour, in either direction.

Westward freight trains having to do switching at Warren west of station, unless required to take siding, will stop back of automatic crossing signal circuit marker, "East End Crossing Signal Circuit"" located about 1800 feet east of the crossing. After shifting is completed and train coupled up, entire train must be east of marker sign before proceeding west, so crossing signal will operate to protect westward move over the crossing.

At Thomaston all extra trains other than symbol trains must reduce speed to 6 miles an hour over crossings at Green Street, Elliott Street and Mechanic Street.

All scheduled and symbol trains between the hours of 4.00 P . M. and $7.00 \mathrm{~A} . \mathrm{M}$. and at all times on Sunday will reduce speed to 6 miles an hour over the above named crossings.

Spur tracks of Lawrence-Portland Cement Company in Rockland cross highway known as Marsh Road. Trains and engines operating over this crossing, on either track, will not exceed ten (10) miles per hour and all movements over crossing must be protected by member of train crew, on the ground in Marsh Road, before any part of the train, car or cars is within 50 feet of the limits of the highway.

Brunswick (Lewiston Branch) Pleasant and Cedar Street Crossings; all trains, engines and hoisters will come to a full stop before moving over these crossings and must be protected by a member of crew maling the move by flagging on the ground in the street before any part of train, engine or hoister enters onto crossing.

Crossings at Skowhegan are protected by Crossing tenders as follows, at present:

> Water and Russell Streets, just west of passenger station -
> Week Days.
> 5.30 A. M. to 2.20 P. M.
> Sundays. . . . . . . . . . . . . . . . . . . . . . . $\quad$ or departure No. 28 A. . . . $\mathbf{~ 2 . 1 0 ~ P . ~ M . ~}$

Trains or engines operating over these crossings before or after hours of protection, also over Hillside or Mt. Pleasant Avenue, just east of engine house and west of bridge will protect them by member of crew while move is being made. Enginemen and Conductors will be held responsible to see that crossings are so protected.

All movements of cars and engines over High Street Crossing must be protected by member of crew making the move, on the ground, in the street before any part of engine or cars are within fifty (50) feet of the crossing. Crews making moves will be held responsible for protection.

Train and engine movements over Main, Lamb and Seavey Street crossings Cumberland Mills on Sundays, only, will be protected by member of crew making the move as follows:

Main Street. . . . . . . . . . . . . . . . . . . . 6.00 A. M. to 10.00 P. M.

> (Sundays only).
> Lamb Street.
> Seavey Street
> 7.00 A. M. to 7.20 P. M.
> (Sundays only).

Trains or engines turning on wye at Bartlett must come to full stop before reaching highway crossings, and crossings must be protected by member of crew while move is being made over them.
At North Stratford protection of crossing known as Baileys or Main St., state highway is as follows: By a flagman situated at the crossing 8.00 A . M. to 4.00 P . M. daily.

Between the hours of 6.00 A. M. and 8.00 A . M. and from 4.00 P . M. until 7.00 P. M. before passing over this crossing each train, engine or gasoline car shall come to a full stop and after coming to a full stop, a member of the crew shall proceed to the crossing where he will warn highway traffic with flag or lantern and when he is satisfied that train,
engine or gasoline car may proceed without risk to highway traffic, he will signal the train, engine or gasoline car to proceed and they will then pass over crossing at speed not in excess of ten miles an hour.

All switching mowements over this crossing to be protected by a member of the crew with flag or lantern.
At Whitefield, N. H. on B. \& M. track, Littleton Road highway crossing is protected by automatic color light signal.

In order to avoid false indications on this crossing by trains from the north standing in station, a cut-out switch has been installed in box located on station near bay window and has double switch lock. With cut-out switch handle at "Right," flasher signals are cut in for automatic operation. With cut-out switch handle to "Left"' flasher signals are cut out and while in this position, warning bell in box on station will continue to ring until lever is restored to "Right." This cut out operated by station force 5.15 A . M. to 8.15 P . M., balance of time to be operated by train crews, but must be restored to normal position before southbound movements are made over Littleton Road erossing.

At Whitefield when switching movements are made within the limits of the crossing signal circuit, and movements are not made over the crossing, a member of the crew making the move will flag highway travelers over the crossing.

A sign marked "crossing signal" is located at east end of the crossing signal circuit.

Private crossing used by International Paper Company at Chisholm crosses Farmington main line and Canton Branch tracks near coal pocket and must be kept open for passage of men and teams, from and to that Company's plant, while trains are stopped or doing work.

At Corinna all train and switching movements over Main Street crossing must be protected by flagging on the ground, either by a member of the train crew or station staff, and no movement will be made over this crossing without first making sure required protection is given.
At Dexter all trains and engines reduce speed to not exceeding six (6) miles per hour over Grove and Dam Streets crossings between 6.00 P . M. and 6.00 A . M. and all extra trains and engine movements, except symboi trains, reduce speed to not exceeding six (6) miles per hour over these crossings between 6.00 A . M. and 6.00 P . M.
At Madison all trains and engines reduce speed to not exceeding six (6) miles per hour over Main Street crossing beteen 6.00 P. M. and 6.00 A. M. and all extra trains and engine movements, except symbol trains, reduce speed to not exceeding six (6) miles per hour over this crossing between 6.00 A. M. and 6.00 P. M.

At Anson, Preble St. crossing is protected by crossing signal. For Eastward trains cut-out signal is located in crossing tender's cabin at Main Street in Madison, and cabin equipped with switch lock. The cut-out circuit extends from a point just east of Main Street, Madison, to a point 300 feet west from center line of Preble St crossing. Eastward trains will cut out this signal when occupying or doing work within the cut-out circuit, to avoid unnecessary operation of signal at Preble St., and when ready to leave, cut circuit in.

At North Anson all train and switching movements over Elm St. crossing must be protected by member of the crew on the ground and all trains shall come to a full stop before proceeding over crossing.
At Mechanic Falls all trains and engines reduce speed to not exceeding six (6) miles per hour over Maple and Pleasant Streets crossings between 7.00 P. M. and 7.00 A. M. and all extra trains and engine movements, except symbol trains, reduce speed to not exceeding six (6) miles per hour over these crossings between 7.00 A . M. and 7.00 P . M.

At Lisbon Falls speed of all train and car movements over Main Street crossing must not exceed six (6) miles per hour and all switching movements over this crossing on both main line and side tracks must be protected by a member of train crew on the ground in the street; other train movements on main line to be protected by automatic signal.
At Gardiner, switching crews doing work on the Cobbossecontee branch will see that the highway crossings are protected as follows:
Main Ave. Member of crew protect eastward and westward moves Bridge Street. Speed must not exceed four miles per hour and member of crew protect when making eastward move.
Winter Street. Speed must not exceed four miles per hour and member of crew protect eastward and westward moves.
Crossing signals on double track are connected to operate in either direction at South Main St., West St., Bow St. and School St., Freeport; Railroad St., Clinton and Hermon Pond Road, Hermon Pond.

Crossing signals are connected for manual operation for shifting movements at South Main St., West St., Bow St. and School St., Freeport, and at Center St. and Main St., Bowdoinham; Main Road Leeds Jct.; Depot St. and Main St., Livermore Falls; and Main St., Winthrop.

Cars must not be left on side tracks close to highway crossing or where they prevent a clear view from the highway of approaching trains.
In operating trains when a back up move is likely to be made after dark, enginemen will see that they are provided with a portable tender headlight before leaving terminal.

Should occasion arise where a back up move is required after dark and portable tender headlight is not available, train must be stopped at each highway crossing and flagged over such crossing by member of crew.

## TRAIN REGISTER


Skowhegan.
Oakland, for branch
trains only.
Lewiston Upper.
Lewiston Lower.
Rumford Junction.
Cuintonn.
Pittsfield for branch
trains only.
Newport Junction for
branch trains only.
Dover-Foxcroft.
Harmony.
Farmington.
Whitney Brook.
Rumford Station for
passenger trains only.
New Gloucester.

Rockland. Leeds Junction.
Lower Yard for freight trains only.
Oquossoc.
Bingham.
Bartiett.
Grawford Notch.
Whitefield, Diamond
Grossing.
Waumbek Junction.
Lancaster.
Coos Junction.
Beecher Falls.

## RALLROAD GRADE CROSSINGS ARE LOCATED AT

Yarmouth Junction.
Danville Junction
Mechanic Falls.
Farmington.

Wiscasset.
Rockland.
Whitefield
Whitefield

Waumbek Junction.
Coos Junction.
Masons.

Passenger trains to meet at Brunswick will meet at the passenger station.
Freight trains scheduled to meet at or receiving train order to meet at Brunswick will meet in the new yard west of the passenger station.
Richmond, regular passenger trains meet in front of station, freight trains west of station.
Vassalboro, regular passenger trains meet in front of station, freight trains east of station.
Burnham Junction, regular passenger trains to meet use siding back of station.
Dover-Foxcroft, no Maine Central train or engine will foul or operate on B. \& A. main line track without permission from the Agent or his representative and then only under flag protection. No B. \& A. train or engine will foul or operate on Maine Central main line track without permission from Agent or his representative and then only under flag protection.
Dover-Foscroft, the switch leading to spur track, known as the passenger car track, must always be left set for the spur track. This in order to prevent cars running foul of the B. \& A. main line.
Trains or engines making move from Dover-Foxcroft branch through west leg of wye to main line at Newport Junction must use extreme care in all cases and be governed by Rule 517 of the Operating Department.
Northern Maine Junction, regular passenger trains meet in front of station by using crossover just east or west of station. Eastward freight trains required to take siding to meet other trains will use track No. 11 on south side of main line east of station. Westward freight trains required to take siding will haul in at crossover just east of station onto track No. 14 on north side of main line.
Northern Maine Junction, when main track in front of passenger station is occupied by passenger train and it is necessary for freight trains, light engines or switchers to make move over track No. 14 which is track next to main track on north side between east crossover and first crossover west of station, flagman must precede the move and see that baggage and express trucks are clear.

Regular passenger trains meeting at Lewiston Upper Station will use short siding opposite passenger station.
Freight trains use long siding between Lewiston and Fair Grounds.
Leeds Junction, regular passenger trains to meet, use south siding west of station.
Oakland, regular main line passenger trains meeting at Oakland will use long passing track next to main line, north side, west of station.
Skowhegan, regular passenger trains meet at the passenger station. Freight trains use siding west of the engine house.
Livermore Falls, regular passenger trains meat on siding in front of passenger station. Freight trains meet on siding west of freight house.
Winthrop, regular passenger trains to meet, use siding north side of track west of station.
Little River, track known as Marshalls will be used as passing siding for trains scheduled to meet, or holding orders to meet at Little River.

## SPEED RESTRICTIONS.

Miles per hour
Direction Psgr. Frt.
DEERING JUNCTION AND BANGOR VIA BRUNSWICK OR LEWISTON. Maximum
Millikens and Hiailoweli
Fairfield, Kennebec Bridge.
Waterville Ticonic Brid
Watervile Ticonic Bridge
Waterville and Winslow
Watervile and Winslow. . Curves East and West
Augusta, Kennebec River Bridge.
Augusta, between Konnebec River Bridge and east end of
pagsenger station. ................................
Auburin, Court Street.,

| Both | 55 | 40 |
| :---: | :---: | :---: |
| $* *$ | 40 | 40 |
| $* *$ | 30 | 30 |
| $*$ | 35 | 25 |
| $*$ | 30 | 30 |
| $*$ | 25 | 40 |
| $*$ |  | 25 |
| $*$ | 10 | 10 |
| $*$ | 40 | 40 |
| $*$ | 15 | 15 |
| $*$ | 15 |  |

Eastward freight trains must not exceed speed of fifteen (15) miles per hour through Oakland.

Eastward trains will not exceed speed of 20 miles per hour between switch at west end of Bangor West yard and lead at east end of double track and must not exceed sir miles per hour passing through lead at east end of double track, and between east end of double track and Limit Board No. 1 east of Union Station, Bangor.

ROCKLAND BRANGH.



Class $S$ engines will not be allowed under any circumstances to exceed a speed of 20 miles per hour in either direction between Bartlett and Coos Junction, and Class S, C and BO engines will not exceed 20 miles per hour over Gambo Bridge about one-half mile west of Newhall, 10 miles per hour over Hiram Bridge, west of Bridgton Junction.
Trains running from Summit to Houghton and from Summit to Logan Stream Bridge (about two miles east of Summit). will in no case, and under no circumstances whatever, be allowed to run in shorter time than that given in the following table. The time here given is the running time and does not include any portion of the time used for stops:
Summit to Logan Stream Bridge about
two milles east of Summit.
Passenger . . . . . . . . . . . 5 minutes.
Freight
10

|  | Summit to Houghton. |
| :---: | :---: |
| Passenger | 15 minutes. |
| Mixed. | 20 |
| Freight | 30 |

And from Crawford Notch to Sawyers River, and from Crawford Notch to Bretton Woods:
Crawford Notch to Mt. Willard

## passengezt

Mt. Willard to Willey House
Willey House to Carrigain.
Carrigain to Notchland
Notchland to Sawyers River
Crawford Notch to Bretton Woods
.8 minutes. $\quad 8$ minutes.

This rule applies to all trains.
Light engines or engine and caboose may use the shorter time.


Maximum. . CANTON BRANCH.

ing Androscoggin River bridge ......................... ${ }^{\text {an }}$ At Mechanic Falls, Locomotives Class 65 to 115 , inclusive, backing in either direction on Canadian National transfer track must not exceed speed of six (6) miles per hour, on account of curvature.
Class S engines can turn on wye at Pittsfield, speed not to exceed 6 miles per hour.
Referring to Time Table speed restrictions limiting speed to thirty (30) miles per hour over Fairfield, Kennebec River bridge and twenty-five (25) miles per hour over Augusta, Kennebec River bridge. Speed of trains must be reduced and brake released before going onto either end of bridge, so train will not exceed the speed over any part of the bridge and no requirement for applying brake while on the bridge to reduce speed, except in some emergency.
Speed of fifteen (15) miles per hour over Frankenstein Trestle must be strictly observed, and in passing over the trestle brake should not be used except in emergency cases.

Wrecking and Industrial cranes will not be permitted to operate over lines as indicated below:

## Me. C. 180 (Waterville) Capacity 120 tons.

East of Hartland
East of Starbirds
Cobbosseecontee Branch
East of Rumford

Quebec Jct. to Beecher Falls
Lunenburg to St. Johnsbury
Crowleys Jct. to Leeds Jct.

Me. C. 177 (Bangor) Capacity 75 tons.
Me. C. 178 (Rumford) Capacity 75 tons.
East of Hartland
Me. C. 179 (Portland) Capacity 100 tons.
East of Hartland Cobbosseecontee Branch

## Me. C. 194 - Industrial Grane

| East of Hartland | East of Rumford |
| :--- | :--- |
| East of Starbirds | Quebec Jct. to Beecher Falls |
| Cobbosseecontee Branch | *Crowleys Jct. to Leeds Jct. |

## Me. C. 196 - Industrial Crane

Cobbosseecontee Branch
Hartland to Harmony

* In case of emergency, crane may be run lightening as much as possible, resting boom on idler, speed 20 miles per hour, with speed restrictions 6 miles per hour over Androscoggin River and Little River Bridge.s

The maximum speed of relief trains handling Wrecking Cranes is to be the speed limit allowed freight trains in the territory where relief train is being operated, except between Rigby-Portland and Bangor, both roads, maximum speed to be thirty (30) miles per hour.

Industrial Cranes also Hoister 191 and American Ditcher 141, must not be moved at a speed exceeding twenty-five (25) miles per hour.

Hoister 164 and 166 must not be moved at a speed exceeding 35 (thirty five) miles per hour.

Speed restrictions designated by Time Table must also be complied with.
Scale test car Me. C. 650 not be handled in any train except on instructions from Superintendent and will not be handled in trains of more than thirty (30) cars. When handled speed of train must be restricted to twenty-five (25) miles per hour.

Me. C. air dump cars numbered 1001-1034, inclusive, not to be handled in freight trains of over thirty cars, except on instructions from Superintendent.

Maintenance of Way work equipment such as ballast cars, living cars flangers, plows and any other type of equipment of this department will be handled only on local freight trains not including RD 1 and DR 2.

## RULES GOVERNING USE OF SPRING SWITCHES AT ENDS OF DOUBLE TRACK AT FREEPORT, GARDINER, AUGUSTA, PITTSFIELD, AND BANGOR WEST END.

The normal position of spring switches is for movements from single to double track in the normal direction of traffic; and switches will be trailed through in the normal position by trains or engines moving in normal direction of traffic from double to single track.

The switch stand will be equipped with light and banner, and the light will show green for either east or westbound movements when in normal position, and red when hand-thrown to reverse position.
Trains or engines moving from single to double track in the normal direction of traffic finding the signal that governs movements over the spring switch indicating Stop, will flag to the end of double track, examine the switch points closely, and if switch is closed in proper position will proceed in accordance with Rule $509-\mathrm{B}$. If the switch is not properly closed and can not be closed by means of the hand-throw lever, it must be spiked in the proper position before passing over it; and after the train has passed the switch the spike must be removed to permit trains or engines to trail through. Spiking maul, claw bar and spikes will be found in a cabin or box near the switch.
Trains or engines moving from double to single track, finding the governing signal indicating Stop, will be governed by Rule $509-$ A, except at Bangor, where light engines moving from west end of double track to engine house over crossover "A," finding governing signal indicating Stop, will stop back of signal until governing signal indicates Proceed, or until they are flagged through by switchman.
Trains or engines trailing through a switch must not exceed a speed of twenty miles per hour until the leading wheels have passed through the switch, when speed may be accelerated to allowable maximum speed.

Trains or engines trailing through a switch and stopping on the switch must not take up slack nor back up until the switch has been set in proper position by hand-throw lever, otherwise the switch will be straddled, resulting in derailment.

## At East end of Double Track, Freeport

For movements against current of traffic from double to single track, the signal near end of double track governing this move will be cleared by operator at the station.

## At Weat end of Double Track, Gardiner; and

## West end of Double Track, Pittafield.

For through movements against current of traffic from double to single track, the signal near end of double track governing this move will be cleared by operator at the station. For shifting movements against current of traffic from double to single track, push keys have been provided, located in a box on post of bracket signal; and trainmen may clear the governing signal by pressing the key marked S. If movement is not made, the normal position of signals must be restored by pressing the key marked either $L$ or $P$.

## SEMAPHORE TRAIN ORDER SIGNALS

At all telegraph stations, except Lower Yard, Chisholm Yard, Livermore At all telegraph stations, except Lower Yard, Chisholm Yard, Livermore
Falls Freight House, St. Johnsbury, Bangor Freight Yard and Waterville Station.

At Brunswick the eastward train order signal will govern eastward trains on the main line and to the Rockland branch.
The westward train order signal will govern westward trains on the main line.

All eastward trains on the Lewiston branch must obtain clearance card (Form M. C. 30) before leaving Brunswick and will not be affected by the train order signal at that point.
All first class trains and extra passenger trains must obtain Clearance Card (Form M. C. 30) before leaving Waterville Passenger Station.

All freight trains, work trains, light engines, or engine with caboose, running through or starting from Waterville, will be governed by train order signal on south side of Yard office and must obtain Clearance Card (Form M. C. 30) before leaving.

All trains on Dover-Foxcroft branch must obtain Clearance Card (Form M. C. 30) before leaving Newport.

All trains must obtain clearance card (Form M. C. 30) before leaving St. Johnsbury.

In absence of train orders, clear signals at Royal Junction for westward trains indicate that superior trains due in same direction on other route have passed.
All trains westward, between Fairfield and Waterville, in the absence of train orders, may proceed with the current of traffic regardless of train rights, when proceed signals are displayed.

At Bangor, trains whose initial terminal is Bangor Freight Yard, must obtain clearance card (Form M. C. 30) before departing.

Maine Central trains handling passengers or freight to or from Whitefield will be governed by train order signal located at the Boston and Maine station.

Trains which do not operate to this station will not be affected. Grade crossing signal will be handled by train crews using the diamond and will be left in normal position as indicated under special signal rules.
Such trains as go to the Boston and Maine station will be governed as follows:
Electrically operated Home Signal located about 2600 feet south of diamond crossing, near south switch of "Berlin" track, Whitefield.
Northbound movements using Main Line or "Berlin" track finding this signal in stop position will be governed by General Rules.

Double-throw knife switch controlling this signal is located in cabin at Diamond Crossing. "Upward" or contact position sets signal in "proceed" position. "Downward" position sets signal in "STOP" position.

Movements of M. C. R. R. trains to B. \& M. R. R. station must be sure controlling switch has been placed in "Stop" position before main track is fouled. While M. C. R. R. trains are on B. \& M. R. R. Main Line, no balls or lights will be displayed at mast head.

Trains backing over Carroll Street crossing will protect by member of crew. Speed restriction six (6) miles per hour.

Register books are located in cabin at Diamond. Cabin is doublelocked.
B. \& M. R. R. time table located in cabin for information of M. C. R.R. conductors to check register as per Rule 83.

Movements of M. C. R. R. trains to B. \& M. station will be made in accordance with B. \& M. and M. C. General Rules 83 and 93 .

When moves are completed home signal must be returned to " proceed" position.

Maine Central Railroad trains making this move will wait three (3) minutes after setting "Home" signal in stop position before B. \& M. R. R. main track is fouled.

Maine Central trains on checking the register book at Diamond and finding the Boston $\&$ Maine trains due have not arrived or left, will get instructions from Agent before fouling Boston \& Maine main track.
B. \& M. dispatchers telephone is installed in register booth at diamond crossing.

## SPECIAL SIGNALS.

Farmington. - One ball or one red light at masthead allows trains of the S. R. \& R. L. R. R. to cross the tracks of the Maine Central R. R
Absence of signals allows trains of the Maine Central R. R. to cross the tracks of the S. R. \& R. L. R.R.
At Farmington, Maine Central R. R. siding No. 3 crosses S. R. \& R. L. R. R. main track just east of passenger station. When this diamond crossing is to be used by Maine Central train, or for switching, the movement must be protected by first placing a double staff track flag by day, and a red light by night, on the main track of S. R. \& R. L. R. R. west of the diamond crossing, and red signal so placed must not be removed until crossing is clear for use by the S. R. \& R. L. R. R.

Wiscasset.- One ball or one red light at masthead will allow trains of the Maine Central R. R. to cross the tracks of the Wiscasset Water. ville \& Farmington R. R.

Two balls or two red lights will allow trains of the Wiscasset, Waterville \&\% Farmington R. R. to cross the tracks of the Maine Central R. R.

Rockland.- One ball or one red light at masthead will allow trains of the Lime Rock R. R. to cross the Maine Central tracks.

Absence of signals will allow trains of the Maine Central R. R. to cross the tracks of the Lime Rock R. R.

Quebec Junction.-The normal position of the junction switch is for Mountain Subdivision route.

Coos and Waumbek Junctions. - One ball or one red light at masthead allows trains of the Boston \& Maine R. R. to cross the Maine Central track
Two balls or two red lights allow trains of the Maine Central R. R. to cross the Boston \& Maine track.

Whitefield.- One ball or one red light at masthead will allow trains of the Boston \& Maine R. R. to cross the Maine Central track.
Two balls or two red lights will allow trains of the Maine Central R. R. to cross the Boston \& Maine track.

St. Johnsbury, Canadian Pacific Railway.-Noertiwand Move-ments.- By a home signal located to the right of main live about 420 feet south of junction switch, governing movements on or from Canadian Pacific main line by any possible route.
SOUTHWARD MOVEmisits. - By a home signal on risht-liand pole of a bracket post located to right of main line, about 50 feet rorth of DERAIL, ING SWITCH, governing movements on or from Canadian Pacific main line by any possible route.
ST. J. \& L.C. R. R.- EAsTwARD MOVEMmars.-By a distant signal located to the right of main line about 1,300 feet weat of home signal. This signal will only be cleared for through moveniente on the St. J. \& L. C. R. R. main line.

By a home signal located to the right of main line sbout 50 feet west of By a home signal located to the rignt of meate on or from the St. J. \& L. C. R. R. main line by any possible route.

Westward Movimants. -By a semaphore signit on the left-hand pole of a bracket post located to the right of Canadian Pacific main line, about 370 feet north of junction switch, governing movements on or from the St. J. \& I. C. R. R. main line or freight track by any possible route.
Enginemen finding the proper signal at safety may proceed over the crossing without stopping, at a speed not exceeding 10 miles per hour.
Enginemen firding the home signals at danger must bring their trains to full stop before reaching the same and not proceed until the proper signal is cleared for them.

Pot signals for use as switch indicators are located to the right of, and connected with, the facing switches at the junction.
All the above signals will be operated under General Rules 601 to 697, inclusive.
At Whitefield and Coos Jct., normal positition of grade crossing signal is clear for trains of other railroad. When agent or signalman not on duty, Maine Central trains after using the diamond, will leave signal in normal position.

INTERLOCKING SIGNALS.


INTERLOCKING SIGNALS-Concluded.

| EASTWARD Read Down. | LOCATION. | WESTWARD Read Up. |
| :---: | :---: | :---: |
| Approach , Block L 141 §Home Light Signal Dwarf Light Signal, Track 2 | Yarmouth Junction | §Home Light Signal Approach, Block L 156 Dwarf Light Signal, Track 1 |
| Approach, Block L 807 <br> §Approach, 2-Arm <br> 8 Home, 3 -arms <br> ${ }_{8}$ Home, 3 -arms | Tower A Waterville Lower Road |  |
| Approach, Block B 845 <br> 8Home, 3 -arms <br> §Home, 3 -arms <br> Dwarf. Track 6 <br> Dwarf. Track 8 | Tower A Waterville Back Road |  |
| §Home, 3 -arms 8Home, 3 -arms Track 35 | Tower A Waterville <br> West end of Yard | §Home, 3-arms <br> 8Home, 3 -arms <br> Approach, Block P 824 <br> 8Home,3-arms,Track 23 <br> Dwarf. Track 21. <br> Dwarf. Track 3. <br> Dwarf. Track 77 <br> Dwarf. Track 71 <br> Dwarf. Track 1 |
| Approach, Block P 821 <br> \$Home, 3 -arms <br> §Home, 3 -arms <br> Track 3 <br> Dwarf. Track 2 <br> Dwarf. Track 193 | Tower B Waterville (E)ast end of Yard) | §Home, 3-arms <br> Approach, Block P 834 <br> Dwarf. Track 1 <br> Dwarf. Track 3 |
| Approach, Block P 835 <br> §Home, 3-arms Track 1 <br> §Home, 3 -arms Track 2 <br> Dwarf. Track 2 <br> Dwarf. Track 4 <br> Dwarf. Track 3 | Fairfield | §Home, 3-arms §Home, 3-arms Approach, Block P850 Dwarf. Track 1. Dwarf. Track 1. (Dwarf. Track 1 enst of Tower is placed to the left of tract as seen from an approaching train.) |
|  | Fairfield <br> Skowhegan Branch | §Home, 3-arms Approach, Block SB 882 |
| Approach Light Signal Block P 1253 <br> SHome <br> Dwarf Light Signal, Track 2 <br> Dwarf Light Signal, Track 4 | Hermon Pond (End of double track) | §Erme Light Signal Approach, Block P 1274 |
| Dwarf Light Signal Track 4 | Bangor Yard (Westend of crossover "A") |  |
| Approach, Block P 1359 8Home, Main Line Dwarf. Track 15 Dwarf. Track 37 | Bangor Yard (Railroad Street) | §Home, 2-arms Approach, Block P 1368 |
| Approach, Block B 253 § Home | New Gloucester | §Home Approach, Block B 266 |
| Approach, Block B 297 \$Home Light Signal | Danville Junction | §Home Light Signal Approach, Block B 314 |
| Approach xHome | Mechanic Falls | XHome <br> Approach, Block R 448 |

## REFERENCES.

1 Automatic routing signal.
$\dagger$ Will govern movements from siding or yard to the main line.
8 Semi-automatic signal for main line movements.

* Will give cautionary indication when train is approaching or standing at station on eastward track.
$\ddagger$ Will govern movements over spring switch.
$\ddagger$ Semi-automatic only for movements over Canadian National Railway crossing.

INTERLOCKING DRAWBRIDGE SIGNALS.

| EASTWARD Read Down | LOCATION | WESTWARD Read Up |
| :---: | :---: | :---: |
| Approach, Block BR 375 Approach, Block BR 381 §Drawbridge Light Signal | Kennebec River | §Drawbridge Light Signal <br> Approach, Block BR 388 |
| Approach, Block BR 501 Home | Sheepscot River | Home Approach. Block BR 516 |
| Approech, Block BR 525 Home | Nichole River | Home <br> Approach, Block BR 542 |
| Approech, Block BR 811 Home | Thomaston | $\begin{aligned} & \text { Home } \\ & \text { Approach, Block BR } 834 \end{aligned}$ |

AUTOMATIC INTERLOGKING SIGNALS.

| EASTWARD <br> Read Down | LOCATION | WESTWARD <br> Read Up |
| :--- | :---: | :--- |
| Approach <br> Home | Masons <br> Crossing | Home <br> Approach |

When a home signal displays " stop," the stop indication will be due to a train approaching or passing over the crossing on the Canadian National Railway or plant out of order.
If, after waiting a reasonable length of time, no train is seen approaching on the Canadian National Railway, trainmen will proceed as follows:

1. Walk to the crossing and unlock box marked "M. C. Switch" which is located on the outside of relay case near the crossing.
2. After opening the box, trainman must positively assure himself that no train is approaching on the Canadian National Railway, and then open switch located in box.
3. Stand at intersection and signal train across.
4. After train passes crossing, close switch and door of box, and lock same.
5. All concerned must understand that the above is the only manner in which signal indicating " stop " may be passed.

AUTOMATIG BLOGK SIGNALS AND MAIN LINE
INTERLOCKING SIGNALS. -LOWER ROAD.

| $\begin{aligned} & \text { SIGAALSA} \\ & \text { FAAIT- } \\ & \text { WARD } \end{aligned}$ | BETWEEN STATIONS | $\begin{gathered} \text { GIONALS } \\ \text { WEEET- } \\ \text { WARD } \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { GIGNALB } \\ \text { YAST- } \\ \text { WARD } \end{array}$ | BETWEEN STATIONS | STONALS WESTWARD |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | P. T. Limit |  |  | Hillside |  |
| P 67 | and | P 72 | L 255 |  |  |
| P 75 | West Falmouth |  | $\begin{array}{ll}\mathrm{L} & 263 \\ L_{L} & 275\end{array}$ |  | L. 258 |
| P 83 | West Falmouth | P 80 | L | and | L 278 |
| P 89 |  | P $\quad 86$ | 1L 289 |  | L 288 |
| P 97 | and | P 92 |  |  | L. 290 |
| P 103 |  | $\begin{array}{ll}P & 100\end{array}$ |  |  |  |
|  | Cumberland Center | P 108 | L 293 | Brunswick and | L. 300 |
| P 1115 |  |  | Brunsw | -The upper a | automatic |
| P 123 | and | $\begin{array}{ll}P & 116\end{array}$ | routing si movement | 1 L-289 will go the main line; $t$ | eastward ower signal |
| §Home, | Royal Junction | P 124 | mo will gover land Bran | stward movemen over switch leadi | the Rocko track 11 |
| $\text { L. } 141$ <br> sHome |  | §Home, <br> L 142 | or over cr Automa | ver at Union St. block signal L-2 | the right |
|  | Yarmouth Junction | 8Home. | hand mast ward main block sign | a bracket post, $w$ ne movements, BR-290, on left | automatic <br> d mast |
| L. 159 |  | I. 156 | bracket Rockland | will govern m anch to the main | onts from |
| L 171 |  | L 166 | over at U | Street, or over | ch leading |
| L 177 | and | I 174 | from track | to main line. | Branch to |
| I. 185 |  | L 182 | Movem the main | from the Lewis or switching m | ments over |
| L 193 |  | L 192 | switches a | Union St., will b | verned by |
| L 199 |  | L 198 | hand signa | from switchman | on St. |
|  | Freeport |  |  | Topsham |  |
| †L 207 |  | tL 208 | L | and | L $\mathbf{L}$ |
| +S 207 | and | L 220 |  | Cathance |  |
| L. 217 |  | L 228 | L $\quad 331$ |  | L. 332 |
| ${ }_{\text {L }} \quad 227$ |  | L 240 | L | and | L. 346 |
| $\begin{array}{ll}\text { L } & 235 \\ \text { L } & 247\end{array}$ | Hillside | L 248 | L 359 | Bowdoinham | L. 362 |

LOWER ROAD - Continued.

|  | BETWEEN STATIONS | $\begin{gathered} \text { SIGNALS } \\ \text { WEST- } \\ \text { WARD } \end{gathered}$ | SIGNALS <br> EAST- <br> WARD | BETWEEN STATIONS | $\begin{aligned} & \text { MIGNALS } \\ & \text { WEST- } \\ & \text { WARD } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Bowdoinham |  |  | Tower B |  |
| L 371 |  | L. 374 |  |  | §Home, |
| L 379 |  | L 384 | P 835 |  | 3-arms |
| L 389 | and | L 392 | §Home, | and | P 884 |
| L 399 |  | L. 404 | 3-arms |  | §Home, |
| L. 411 | Harwards |  |  | Fairfield | 3-arms |
| $\begin{array}{ll}L & 411 \\ L & 421\end{array}$ | and | $\begin{array}{ll}\text { L } & 414 \\ \mathrm{~L} & 424\end{array}$ | P 843 | Fairfield | §Home, |
| L. 431 |  | L 434 | P 849 |  | 3-arms |
| 4. | Richmond |  | P 861 |  | P 850 |
| L 447 |  | L. 450 | P 868 |  | P 860 |
| L. 457 | and | L 462 | P 879 | and | P 870 |
| L. 471 |  | L. 474 | P 888 |  | P 880 |
|  | Iceboro |  | P 897 |  | P 890 |
| L. 483 | and Dresden |  |  | Clinton | P 898 |
|  |  | L. 486 | P 901 |  |  |
| L. 499 | and | L. 502 | S 901 |  | P 902 |
| L. 513 |  | L 516. | P 909 |  | P 910 |
| $\pm$ 213 | Lawrence Mills |  | P 919 | and | P 922 |
| L 523 |  | L. 528 | P 927 |  | P 8032 |
| L. 537 |  | L $\quad 540$ | Pr ${ }_{\text {P }} \mathbf{9 3 7}$ |  | $\begin{array}{ll}P & 940 \\ P & \end{array}$ |
| L 551 | and | L 553 | P 949 |  | P 850 |
| ¢L 559 |  | $\pm$$\ddagger$  <br> S 560 | P 965 | Burnham Junction | P 968 |
|  | Gardiner | $\ddagger$ tS 560 | $\begin{array}{ll}P & 965 \\ P & 975 \\ P & 985\end{array}$ | and | $\begin{array}{ll}\mathrm{P} & 968 \\ \mathrm{P} & \mathbf{7 7 6}\end{array}$ |
| L. 561 |  | L 564 | P 983 |  | P 986 |
| L 567 |  | L 570 <br> L  |  | Half Way |  |
| L. 575 | and | L 1578 | Pr 985 <br> $\mathbf{P} 1005$  |  | Pr 9998 |
| L. 583 |  | L 1586 | P 1005 |  | P 1008 P 1016 |
| $\begin{array}{lll}L_{4} & 591 \\ \text { L } & 599\end{array}$ |  | L. 592 | P 1015 | and | P 1016 ¢ $P 1024$ |
| L 599 | Hallowell | L 600 | tP 1023 |  | tP 1024 |
| L 607 |  | L 608 |  | Pittsfield |  |
| L. 615 | and | L. 618 | P 1031 |  | P 1032 |
| L. 623 |  |  | P 1039 |  | P 1040 |
|  | Augusta |  | P 1047 | and | P 1048 |
| L 627 |  | L 628 | P 1055 |  | P 1050 |
| $\ddagger{ }_{\text {IL }} 631$ |  | $\ddagger{ }_{\text {L }} 632$ | P 1063 |  | P 1064 |
| L. 633 | and | L. 638 |  | Detroit |  |
| L. 643 |  | L 646 | P 1071 |  | P 1072 |
| L 653 | Kennebec | L 656 | $\begin{array}{cc}\text { P } & 1079 \\ \text { P } & 1087\end{array}$ | and | $\begin{array}{ll} \text { P } 1082 \\ \text { P } 1088 \end{array}$ |
| L. 665 |  | L 668 |  | Newport Junction |  |
| L 675 | and | L 678 | P 1095 |  | P 1098 |
| L 685 |  | L 688 | P 1105 | and | P 1108 |
| L. 697 |  | L. 698 | P 1115 |  | P 1116 |
| L 707 | Riverside | L 708 | P 1121 | East Newport | P 1126 |
| I. 715 | and | L 720 | P 1131 |  | P 1134 |
| L 725 | and | L 728 | P 1139 |  | P 1144 |
| L. 733 |  | L 736 | P 1149 | and | P 1152 |
|  | Vassalboro |  | P 1159 |  | P 1162 |
| L 749 |  | L 752 | P 1167 |  | P 1170 |
| L. 759 |  | L. 762 | P 1175 |  | P 1178 |
| L. 769 | and | L |  | Etna |  |
| L 779 | and | L | P ${ }_{\text {P }} 1185$ | and | P. 1186 |
| $\begin{array}{ll}\text { L } & 791 \\ L & 801\end{array}$ |  | L. 794 | P 1193 | Damascus | P 1196 |
| L. 801 | Winslow |  | P 1203 | Damascus | P 1206 |
| L. 807 |  | L. 804 | P 1213 |  | P 1214 |
| Approach | and | L 812 |  | Carmel |  |
| 2-arms |  | L 816 | P 1219 |  | P 1222 |
| §Home |  | tS 816 | P 1227 |  | P 1228 |
| 3-arms |  |  | P 1237 |  | P 1238 |
|  | Waterville |  | P 1245 | $\because$ and | P 1248 |
| §Home, |  | 8 Home, | P 1253 |  | P 125 |
| 3-arms | and | 3-arms | \$Home | Hermon Pond | §Home |
| 3-arms |  |  | P 1271 |  | P 1274 |
|  | Tower A |  | P 1281 | and | P 128 |
| P 821 |  | \% Home, | P 1291 |  | P 1292 |
| 8 Home, | and | $\underset{\text { p-arms }}{\text { 3-824 }}$ | P 1299 | Center |  |
| 3-arms | Tower B | P 824 |  | Center |  |

LOWER ROAD - Concluded.

| $\begin{gathered} \text { SIGNALS } \\ \text { RAST- } \\ \text { WARD } \end{gathered}$ | BETWEEN STATIONS | SIGNALS west ward | $\begin{gathered} \text { SIGNALS } \\ \text { HAST: } \\ \text { WARD } \\ \hline \end{gathered}$ | BETWEEN STATIONS | $\begin{aligned} & \text { SRGNALS } \\ & \text { WBSTS- } \\ & \text { WARD } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| P 1305 | Center and | $\begin{aligned} & \text { P } 1300 \\ & \text { P } 1308 \end{aligned}$ |  | Northern Me. Jct. |  |
|  |  |  | tS 1313 | and | ¢P 1314 |
|  |  |  | P 1313 |  | P 1328 |
|  |  |  | P 1319 |  | P 1336 |
|  | Northern Maine Junction |  | P 1327 |  | P 1344 |
|  |  |  | P 1335 |  | P 1352 |
|  |  |  | P 1341 |  | P 1358 |
|  |  |  | P 1349 |  | $\pm$ ¢ 1360 |
|  |  |  | 1 P 1355 |  | $\pm 1$ ¢ 1360 |
|  |  |  | $\ddagger \mathrm{P} 1359$ |  | § Home, |
|  |  |  | $\left\lvert\, \begin{gathered}\text { SHome } \\ \text { Circuit } \\ \text { ends } \\ \text { \% }\end{gathered}\right.$ | 75 feet west of Kenduskeag bridge | $\begin{aligned} & \text { 2-arms } \\ & \text { P } 1368 \end{aligned}$ |
|  |  |  | ${ }_{\text {feet west }}$ | of Kenduskeag bridge |  |

BACK ROAD.

| $\overline{\substack{\text { STGNALS } \\ \text { EATT- } \\ \text { WARD }}}$ | BETWEEN STATIONS | SIGNALS WESST- WARD | $\underset{\substack{\text { EAGNALS } \\ \text { WARD }}}{\text { SIM }}$ | BETWEEN STATIONS | $\begin{gathered} \text { BIONALS } \\ \text { WHST- } \\ \text { WARD } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Royal Junction | §Home |  | Leeds Junction |  |
| B 141 |  | B 140 | ¢B 477 |  | B 476 |
| B 151 | and | B 152 | B 483 | and | B 484 |
| B 159 |  | B 160 | B 493 | and | B 494 |
|  | Walnut Hill |  | B 503 |  | B 504 |
| B 169 |  | *B 170 |  | Monmouth |  |
| B 177 | and | B 178 B 186 | B 513 | and | B 514 B 524 [ |
|  | Mill Road |  | B 529 | Anmabesacook | B 530 |
| B 195 |  | B 194 |  | Annabessacook |  |
| B 203 | and | B 202 | B 541 | and | B 544 |
| B 209 | Gray | B 210 | B 553 | Winthrop | B 558 |
| B 217 | and | B 218 | B 567 |  | B 568 |
| B 227 |  | B 228 | B 577 | and | B 580 |
|  | Penneys |  | B 589 | and | B 592 |
| B 235 |  | B 238 | B 597 |  |  |
| B 245 | and | B 246 |  | Maranacook |  |
| B 253 |  | B 254 | B 609 | and | $\text { B } 604$ |
| §Home | New Gloucester | §Home | B 619 | Readfield | $\text { B } 612$ |
| B 263 | and | B 266 | B 633 |  | B 622 |
|  | Rowes |  | B 643 | and | B 636 |
| B 273 |  | B 276 |  |  | B 650 |
| B 285 | and | B 290 |  | Hoyts |  |
| B 297 8H0me |  | B 302 | B 657 |  | B 658 |
| §Home | Danville Junction | §Home | B 665 | and | B 668 |
| B 313 |  | B 314 | B 683 |  | B 688 |
| B 319 | and | B 320 | B 693 |  | B 696 |
| B 323 |  | B 326 |  | Belgrade |  |
|  | Rumford Junction |  | B 703 B 713 |  | B 706 |
|  | Hacketts |  | B 725 | and | B 726 |
| B 335 |  | B 338 | B 733 |  | B 736 |
| B 345 |  | B 348 | B 741 |  | B 744 |
| B 351 | and | B 352 |  | Lakeside |  |
| B 357 |  | B 358 | B 749 | and |  |
|  | Auburn | B 364 | B 7 | Messalonskee | B 752 |
| $\begin{array}{\|l\|l\|l\|l\|l\|} \hline \text { B } & 363 \\ \text { B } \end{array}$ | and | B 368 | B 779 | and | B 768 |
| - | Lewiston |  | B 787 | and | B 782 |
| B 371 |  | ¢B 374 |  |  | B 788 |
| B 381 | Fair Grounds | B 384 | B 793 | Oakland | B 796 |
| B 391 | Fanr Grounds | B 394 | B 803 |  | B 806 |
| B 401 |  | B 404 | B 811 |  | B 814 |
| B 409 | and | B 414 | B 819 |  | B 829 |
| B 419 |  | B 424 | B 827 | and | B 830 |
| B 429 |  | B 434 | B 839 |  | B 840 |
| B 439 |  | B 442 | B 845 | " | B 850 |
|  | Greene |  | § Home, |  | tS 850 |
| B 447 |  | B 450 | 3-arms |  |  |
| B 459 | and | B 462 |  | Waterville |  |
| B 471 |  | B 472 | § Home, 3 -arms | and <br> Lower Road |  |
|  | Leeds Junction |  |  | junction switeb |  |

ROCKLAND BRANCH.


## FARMINGTON BRANCH.

| $\begin{aligned} & \text { SIGNALS } \\ & \text { EAST- } \\ & \text { WARD } \end{aligned}$ | BETWEEN STATIONS | SIGNALS WRSTWARD | $\begin{array}{\|c\|} \hline \text { GIONALS } \\ \text { EAST- } \\ \text { WARD } \\ \hline \end{array}$ | BETWEEN STATIONS | $\begin{aligned} & \text { GIGNALS } \\ & \text { WESTI- } \\ & \text { WARD } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Leeds Junction 6,600 feet east | $\begin{aligned} & \text { F } 476 \\ & \text { F } 482 \end{aligned}$ | $\begin{aligned} & \text { F } 667 \\ & \mathrm{~F} 675 \end{aligned}$ | Shuy and Livermore Falls 4,750 feet east | $\begin{aligned} & \text { F } 676 \\ & \text { F } 682 \end{aligned}$ |

RANGELEY BRANCH.

| Signals Eastward | Between Stations. | Signals <br> Westward |
| :---: | :---: | :---: |
| Approach IHome | $4000 \mathrm{ft} \text {. west }$ | IHome |
| R 441 | Mechanic Falls | R 448 |
| R 445 | and <br> One mile east. | R 452 |
| R 327 | Rumford Junction |  |
|  | and | R 332 |
| R 329 | Two miles east. | R 340 |
|  | arm of R 330 ends at Station. Circuit of 10 point of Back Road m | Circuit of upper imford Junction and of $Y$. |
|  | Hacketts and | R Y 332 |
|  | East end of Y | R Y 330 |

Trains proceeding from the Rangeley branch toward Hacketts will stop back of block R 330 until switch is set and lower signal of block R 330 indicates " proceed."

Trains from the Y, before entering Rangeley branch, must stop back of block RY 330 until switch is set and block RY 330 indicates "proceed."

If train is to proceed to Rumford Junction, it must be moved back of block R 330, and stop until upper signal of block R 330 indicates "proceed."
Should the proper signal not immediately clear when switch is thrown, train movements must be governed by General Rule 500 .

BINGHAM BRANCH.

| Signals <br> EAstward | Between Stations | Signals <br> Westward |
| :---: | :---: | :---: |
| K793 | Oakland <br> and <br> feet east. | K 798 |
|  | SKOWHEGAN BRANCH. |  |


| Signals <br> Hastward | Betweinn Stations | Signals <br> Westward |
| :---: | :---: | :---: |
|  | Fairfield | and |
| SHome, |  |  |
| $3-a r m s$ |  |  |
| S. B. 882 |  |  |


| $\begin{aligned} & \text { MOIRALS } \\ & \text { GAST- } \\ & \text { WARD } \\ & \hline \end{aligned}$ | BETWEEN STATIONS | signal.s westward | SIGNALS EAST- RAST ward | BETWEEN STATIONS | $\begin{aligned} & \text { ITGNALS } \\ & \text { WEATR } \\ & \text { WARD } \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| M 711 | $\begin{gathered} 2000 \text { feet East } \\ \text { and } \\ \text { Bartlett } \end{gathered}$ | M 702 |  | Bretton Woods and Fabyan | TM 888 |
| M 723 | and |  |  | and | M 882 $t S 882$ |
| M 733 | and |  |  | White Mt. House |  |
| M 743 |  |  |  |  | M 900 |
| M 753 | Sawyers River |  |  | and | M 912 |
| M 765 |  |  |  | Twin Moun | M 924 |
|  | Notchland |  |  |  | M 936 |
| M 773 | and |  |  | and | M 952 |
| M 785 | Carrigain |  |  | Carroll | M 964 |
| M 797 | and |  |  | Carror | M 976 |
| M 807 | Willey House |  |  | and | M 988 |
| M 815 |  |  |  |  | Circuit of |
| M 825 | and |  |  |  | ends at |
| M 837 |  | M 846 |  |  | the foul- |
| M 847 | Crawford Notch |  |  |  |  |
|  |  | M 850 |  |  | switch on |
| M 853 |  | $\begin{aligned} & \mathrm{M} 868 \\ & \mathrm{M} 878 \end{aligned}$ |  | Quebec Junction | Lancaster routes. |
|  | Bretton Woods |  |  |  |  |
| No eastward signals between Quebec Junction and Block M 853. |  |  | No westward signals between Bartlett and Block M 846. |  |  |

## 28

## INDICATORS.

Freeport - At switch leading from eastward main line to westward main line, west of station. At west end of passing track.
Freeport - \|At switch leading from east end of passing track.
Clinton - \|At west end of North passing track.
Pittsfield - \|At East end of track leading to east bound main line.
So. Gardiner - At each end of engine house track.
Gardiner - At switch leading from Cobbosseecontee branch.
Gardiner - At each end of crossover east of Cobbosseecontee branch switch.
Hallowell - At switches leading from eastward main line to westward main line, each side of station.

Vassalboro - \|At east end of North passing track.
flt west end of South passing track.
Waterville - At Hollingsworth \& Whitney switch
At mill track east of Ticonic bridge.
At switch leading to West Benton yard.
At each end of crossover east of switch leading to West
Benton yard.
Auburn-\|At crossover leading from coal shed track north of main line to main line.

HAt east end of old passing track, north of main line.
||At crossover leading from new passing track south of main line to main line.
\|At east end of new passing track, south of main line.

Leeds Junction-\|At crossover switch west of Leeds Junction station leading from passing track south of main line to main line

Maranacook - \|At east end of passing track, north of main line.
Oakland, Kineo branch - At east end of scale track.
At each end of shop turnout track.
Sawyer's River - At each end of passing track.
Notchland - At each end of passing track.
Carrigain - At each end of passing track.
Willey House - At each end of passing track.
Bretton Woods - At each end of the long siding.
Twin Mountain - At each end of passing track.
Carroll - At each end of passing track.
|| Double Indicators. Indicator marked WEST at stop indication will indicate that the main line west of switch is occupied, and indicator marked EAST at stop indication will indicate that main line east of switch is occupied.

BULLETIN BOARDS.

## Brunswick. <br> Rockland. <br> Farmington. <br> Lewiston Upper <br> Bansor Frelght Yard Office.

Bulletin boards have two positions numbered 1 and 2. 1 is used exclusively for bulletin orders.
2 is used for miscellaneous notice and circulars.
Under position 2 is given the name of the person having charge of the board who must daily inspect, change and correct them as necetar the of the month Bulletin ORDERS, unless otherwise specified, expire on the toth or the month in effect.

MAXIMUM TONNAGE RATING FOR SINGLE LOCOMOTIVES. PORTLAND DIVISION.

| RATING CHANGE POINTS. | CLASS. |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 115 | 110 | 105 | 100 | 80 | 70 | 65 | 60 | 45 | 40 | 35 |
| Portland to Deering Junction. ................. | 2200 | 2050 | 1950 | 1850 2100 | 1400 | 1200 | 1100 | 1000 | 750 900 | 675 800 | 600 700 |
| Deering Junction to Waterville, via Lower Road. | 2600 2600 | 2275 2275 | 2175 2100 | 2100 | 1650 | 1400 | 1300 1200 | 11200 | 900 $\mathbf{8 5 0}$ | 800 750 | 700 650 |
| Deering Junction to Watervile, via Back R | 2750 | 2450 | 2300 | 2150 | 1600 | 1350 | 1260 | 1150 | 850 | 760 | 650 |
| Bangor to Northern Maine Junction. | 1800 | 1600 | 1500 | 1425 | 1200 | 1000 | 925 | 850 | 650 | 550 | 500 |
| Northern Maine Junction to Rigby | 3600 | 3300 | 3200 | 2500 | 2000 | 1700 | 1575 | 1475 | 1100 | 975 | 880 |
| Waterville to Leeds Junction... | ${ }_{2900}^{2200}$ | 2100 | 27200 | 2350 | 1400 | 1200 | 1100 | 1000 | 1000 | 875 <br> 900 | 800 |
| Leeds Junction to Lewiston. | $\underset{3400}{2900}$ | 38800 | 2800 | 2800 | 2000 | 1800 | 1600 | 1400 |  |  |  |
| Rumford Junction to Rumford Lower Yard | 24800 | 2200 | 2000 | 1800 | 1500 | 1250 | 1150 | 1050 | $\bigcirc 800$ | 700 | 600 |
| Rumford Lower Yard to Oquossoc | $\ldots$ | ..... | $\ldots$ |  | ..... | 350 | 325 | 300 | 225 450 | 200 400 | 150 $\mathbf{3 5 0}$ |
| Oquossoc to Rumford Lower Yard, Double Grade | $\ddot{\text { z8000 }}$ | 2̈000 | 2400 | 28000 | 1700 | 700 1450 | 650 1350 | 1200 | ${ }_{825}$ | 825 | 725 |
| Rumford Lower Yard to Rumford Junction | 2800 | 2500 | 2300 | 2100 | 1650 | 1400 | 1300 | 1200 | 900 | 800 | 700 |
| Livermore Falls to Leeds Junction | 3000 | 2700 | 2500 | 2200 | 1900 | 1600 | 1475 | 1350 | 1000 | 900 | 800 |
| Leeds Junction to Livermore Falls | 2600 | 2400 | 2200 | 2000 | 1700 | 1400 | 1300 | 1200 | 900 | 800 | 700 |
| Livermore Falls to Canton........ | 2400 | 2200 | 2000 | 1800 | 1400 | 1200 | 1100 | 1000 | 750 | ${ }_{600}^{675}$ | 600 |
| Livermore Falls to Farmingon. | ..... | 1800 1800 | 1700 1700 | 1500 | …. | 1050 | 9785 | ${ }_{900}^{900}$ | ${ }_{675}^{675}$ | 600 600 | ${ }_{825}^{525}$ |
| Farmington to Livermore Falls | ..... | 1800 | 1700 | 150 | ..... | 1050 |  | 880 | 650 <br> 650 | 850 | ${ }_{600}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Leeds Junction to Brunswick | ..... | ..... | ..... | .... | $\ldots$ | 1000 | ${ }^{9255}$ | 850 1500 | 11250 | 580 $\mathbf{1 0 0 0}$ | 500 875 |
| Brunswick to Bath | ..... | $\ldots$ | .. | ...... | .... | 1750 $\mathbf{9 0 0}$ | 1625 850 | 1500 700 | 1460 | 1000 | $\mathbf{3 5 0}$ |
| Bath to Wiscasset Wio. | $\ldots$ | ...... | ...... | $\ldots$ | .. | 800 | 750 | 700 | 450 | 400 | 350 |
| Rockland to Bath . . . |  |  |  | .... | ...... | 950 | 875 | 675 | 500 | 450 | 400 |
| Bath to Brunswick |  |  | . | .. | ..... | 1050 | 1000 | 900 | 700 | 550 | 500 |
| Waterville to Skowhegan | ...... | ..... | $\ldots$ | ..... | ..... | 1600 | 1475 | 1380 | 1000 950 | 8000 | 800 725 |
| Skowhegan to Waterville. |  |  | ...... | .... |  | 1500 1000 | 1375 | 1260 850 | 950 650 | 850 550 | 500 |
| Pittsfield to Harmony Harmony to Pittsfield |  |  | $\ldots$ | $\ldots$ |  | 1000 1750 | 1625 | 1800 | 1125 | 1000 | 875 |
| Harmony to Pittsfield |  |  |  |  |  | 1760 | 16\% |  |  |  |  |
| Newport to Dexter, Double Dext |  |  | ... | ...... |  | 1400 | 1300 | 1275 | 850 525 | 775 475 | 700 400 |
|  | ..... | ..... | $\ldots$ | $\ldots$ | $\ldots$ | 1400 | 760 | 1700 1275 | 525 850 | ${ }_{775}^{475}$ | ${ }_{700}$ |
|  |  | ...... | ..... | $\ldots$ | ...... | 1400 | 1775 | ${ }_{725}$ | 850 | 500 | 425 |
| Foxcroft to Berter.... |  |  |  | . ... |  | 1050 | 975 | 900 | 675 | 600 | 525 |
| Bingham to Oakland. |  |  |  |  |  | 1050 | 975 | 900 | 675 | 600 | 625 |
| Portland to Bartlett. ... |  |  | 1760 | 1625 | ..... | 950 450 | 875 | 800 3.50 | 600 | 525 |  |
|  |  | $\ldots$ |  | 3000 |  | ( 2000 | 400 1850 | 1700 | 1300 | 1100 | 1000 |
| Crawford Notch to Lancaster |  |  | 3150 |  |  | 2000 |  | 1500 | 1200 | 1000 | 800 |
| North Stratford to Beecher Falls |  |  | $\ldots$ | ... |  | ... | $\ldots$ | 1000 | 800 | 650 | 500 |
| Beecher Falls to Lancaster..... |  |  |  | 13000 |  |  |  | 1600 | 1200 | 1000 | 800 |
| Lancaster to Quebec Junction. |  |  | 1400 | 1000 | $\ldots$ | 825 | 765 490 | 700 | ${ }_{325}^{525}$ | 475 300 | 475 |
| Quebec Junction to Crawford Notch |  |  | 1100 $\mathbf{3 3 0 0}$ | 3100 |  | $2{ }_{2100}^{525}$ | 490 $\mathbf{1 9 5 0}$ | 1800 | 328 1350 | 1200 | 1050 |
| Ouebec Junction to St. Johnsbury |  |  |  | 1550 |  | 1000 | 900 | 800 | 400 | 350 | 300 |
| St. Johnsbury to Quebec Junction....... |  |  | 1325 | 1250 |  | 600 | 565 | 525 | 400 | 350 | 300 |

Helper service to take combined rating of engines.
Trains starting from Rigby with continuous run to Deering Jct. take rating Deering Jct. East.
B. \& M
B. \& M ensines, Class K-8 series 2600 to 2639 rate $85 \%$ of Class $100 ; 2640$ to 2734 rate $95 \%$ excepting 2671 and 2696 which rate 100 Class.

## MAXIMUM ENGINE LOADINGS ON VARIOUS LINES OF THE PORTLAND DIVISION.



## LOCOMOTIVE RESTRIGTIONS.

At Dexter - Class 70 locomotives 510 to 517, inclusive, must not be operated on spur track 11. Crews having work to do on that track will take cars enough so engine will not have to go onto it.
At Libby Pit-Locomotives must not be operated on spur track 12 beyond west end of loading tower.
At Freeport - Locomotives must not be operated on Soule's Coal Trestle on track 12, until further notice, as trestle is not in fit condition to carry locomotive.

Crews having work to do or cars to place on this track will take enough cars with them so engine will not enter onto the structure.
At Pittsfield - Locomotives class 65 to 115 , inclusive, must not be operated on track 16 (lumber track), near coal shed, east of station, on account of curvature.
Class 70 locomotives may operate on Gravel Trains between Pittsfield and Yard Limit on Harmony Branch, located 3100 feet east of Mile Post P 104-H 16.

At. Newport Jct.- B. \& M. engines class 4000 may be operated on tracks 16 (Track back of passenger station).
18 (Track front of freight house).
20 (Track back of freight house).
These engines must not be operated over bridge in side track just east of station.

At. South Windham - Locomotives, class 35 to 105 , inclusive, may operate on all tracks east of the coal trestle on track 11, known as the mill track, but must not operate over coal trestle. Engine limit sign has been installed at east end of trestle.

At Sebago Lake - Locomotives class 65 to 115 . inclusive, must not be operated on track 4 west of wharf freight house.

At North Conway - Locomotives larger than class 60 must not be operated on track 10 (spur track back of former coal shed) beyond a point 400 feet from the switch, which is about 100 feet east of Gibson's Coal Shed.

At Bartlett - Locomotives larger than class 60 must not be operated on track 45 and 47 (fourth and fifth tracks from front coal track) or on track 67 (Peg Mill track).
Locomotives larger than class 45 must not be operated over the track scales.

Locomotives 351 to 390 , inclusive, may be operated on coal trestle.
At Lunenburg - Locomotives larger than class 70 must not be operated on tracks 10, (Wharf track) and 12 (turntable track).

At Gilman - Locomotives larger than class 70 must not be operated on track 3 (track leading from main line to Gilman Paper Company's yard) or on any' track in Gilman Paper Company's yard.

At Miles Pond - Locomotives larger than class 70 must not be operated on track 3 (spur track on south side) or on track 4 (siding on north side).

At North Concord - Locomotives larger than class 70 must not be operated on track 3 (spur track on south side).
At Concord - Locomotives larger than class 70 must not be operated on track 4 (easterly spur or second spur track east of station on north side) or on track 8 (westerly spur on north side west of station).
At. St. Johnsbury - Locomotives larger than class 70 must not be operated on tracks 7, 8 and 10 (industrial tracks between Moose River bridge and Passumpsic River bridge) or on track 12 (spur track on north side between Passumpsic River bridge and Portland Street).
Class 70 locomotives, except 466 to 470 , inclusive, may couple with class 100, 105 and 115 over Androscoggin River Bridge at Chisholm Yard.
When so coupled engines must not be stopped on the bridge for reverse movement.

Whenever Maine Central class " C " or Boston and Maine class " P " type engines are doubleheaded with Me. C. class S or $\mathrm{B} . \& \mathrm{M}$. class $\mathrm{K}-8$ or with any engine larger than these, the class $C$ or class $P$ must be kept ahead.

Locomotives may couple on the Mountain Road as follows:

## Rigby to Bartlett.

Class 60, may couple
Class 65-70, 501 to 528 , inc. may couple
Class 65-70, 501 to 528 , inc. may couple with 351 to 390 inc. and 450 to 465 , inc.
Class 65, 401 to 412 , inc. may couple with Class 60 engines.
Speed restrictions: Gambo Bridge, one-half mile west of Newhall, twenty (20) miles per hour. Hiram Bridge, between Hiram and Bridgton Jct. ten (10) miles per hour.

WHEN ENGINES ARE USED THAT MAY NOT COUPLE THEY MUST BE SPACED AT LEAST FIVE CARS.

## Bartlett and St. Johnsbury.

All classes permitted to operate on Mountain Road may couple.

## Quebec Jct. and Coos Jct.

Class 35-70, inclusive, except 466-470, may couple in any combination. " BO" type should not be coupled with any combination, if it can be avoided. Class " $S$ " not to be coupled, or coupled with any other type.

## Coos Jct. and Beecher Falls.

Class 35-60, inclusive, may couple
At Pejepscot Mills - Class " $W$ " locomotives may be operated on Pepejscot Paper Company's tracks except on trestles. When necessary to operate on trestles take cars enough so engine will not go onto them. Reasonable care must be used, particularly when backing this class of engine on these tracks, to avoid derailments.

At Lisbon Falls - Locomotives must not be operated over bridge on track 4 over Little River west of Pejepscot Paper Ca.'s Mill. Work to be done at the Mill east of the Bridge must be done on east end of tracks.

At Lisbon Falls - Class "W " locomotives must not be operated on trestle of track 16 (Worumbo Coal Trestle) on account of light rail and curvature. When switching this track sufficient cars to be taken so engine will not go onto trestle.

No locomotive will be operated on Bath Iron Works spur track, leading off their track 85, on account of curvature. Cars for this track to be placed just into clear, and to be moved from and returned to that point by them.
Class 65 and 70 locomotives must not be operated tender first on the Foxcroft Branch between Newport Jct. and Dover-Foxcroft, except in doing switching and in emergency.
Locomotives class 35 to 70, inclusive, except 466 to 470, inclusive, may be coupled between Bath and Rockland, except that engines 401 to 412, inclusive, must not be coupled together.
At Canton-Account of curvature on track 5 back of freight house, class 60 to 115 locomotives must not go on this track beyond the standpipe.

## MISCELLANEOUS.

Whenever it becomes necessary to move a train through Waterville Yard against the current of traffic, arrangements will be made as follows:
Movement to be authorized only by the Yardmaster or Assistant Yardmaster, and arrangements to be made PERSONALLY by the one authorizing the movement.
Eastward: Yardmaster or Assistant Yardmaster, as case may be, to notify Towermen in Towers affected of the movement to be made, post a responsible man at the point where diversion ends to give flag protection, and he personally meet the train at entering end, inform engine and train crew of the movement to be made and then pilot them through the yard to end of diverted move.
Westward: Same authority to line up movement with the Towermen, send a responsible man to the entering end to stop train and inform engine and train crew of movement and pilot train through yard; Yardmaster or Assistant Yardmaster, as case may be, to remain at point where the diversion ends and personally furnish flag protection.

Crews doing work on track 6, at east end of Cushnoc Paper Company's Mill, will in all cases have air coupled up and automatic brakes working.
Platform awning of Cushnoc Paper Company's new storehouse does not properly clear box cars or men on such cars. Crews, doing work on track where this storehouse is located, will govern themselves accordingly.
Shipways have been erected over Bath Iron Works track 87, about 175 feet back of the frog which will not clear a box car.
Crews doing switching on this track will see box cars are not handled on it to foul the shipways.
At Burnham Jct.- West end of track 3, west of the crossover west of passenger station, and all of track 5 (Awning track) are interchange tracks with B. \& M. L. R. R. Cars from M. C. R. R. to B. \& M. L. R. R. to be set on west end of track 3 , west of the crossover. Cars from B. \& M. L. R. R. to M. C. R. R. to be set off on Awning track. In case of more cars for deliverv to B. \& M. L. R. R. than track 3 will hold west of the crossover, station staff will designate track for balance of cars. Cars for Burnham Jct. proper, not to be set off on either of the interchange tracks.
There is a Company telephone located in the base of block signal P 1032, about three-fourths mile east of Pittsfield Station, to enable train employes to communicate with the station if necessary.

Westward trains stopping back on the hill will immediately communicate with the telegraph office and ascertain conditions existing regarding further movements.

There is a telephone, located in a box in west end of freight yard at Brunswick, connecting with the yard office, enginehouse and telegraph office. During time there is no yard clerk or other employe on duty in the yard office trains having any trouble in the vicinity of the freight vard should, when it can be done, call the telegraph office and report particulars.

It is not intended trains shall be delayed to do this, but when it can be done time will be saved in getting information to train dispatcher.

To avoid stopping through tonnage freight trains which are to rum Brunswick, head brakeman or some member of crew of westward freight trains intending to haul out west end of freight yard will, before opening main line switches, telephone the telegraph office and find out whether there are any such trains to go ahead of them.

Maine Central trains will not be allowed to do any shifting at the passenger station at Farmington while trains of the Sandy River \& Rangeley Lakes R. R. are receiving or discharging passengers.

No train or engine may follow another train or engine nearer than ten (10) minutes, and no freight train may follow another freight train nearer than thirty (30) minutes, going west Summit to Houghton, or east Summit to Logan Stream Bridge, or east Crawford Notch to Notchland, and in all cases where engines or trains pass trackmen nearer than the time specified they will stop the engine or train and notify them of same.

Eastward freight trains will stop at Summit and Crawford Notch and westward freight trains will stop at Summit and Deadwater and test and examine the air brakes andwill adjust any excessive piston travel. Test
must be made as per Rule 11, Page 6, of Air Brake Rules and the number of brakes in working order and the number of retaining valves holding pressure will be reported to engineman before giving signal to go. Enginemen will in all cases require this information before leaving Summit and Crawford Notch.

All freight trains eastward will stop at Willey House and Notchland, and westward at Houghton, and conductors and brakemen will examine the wheels to see that they are not overheated and see that their train is all right. Conductors will see that the brakemen are at their proper station before starting. Enginemen will start slowly and see that train runs at low rate of speed Crawford Notch to Sawyers River, Crawford Notch to Bretton Woods, Summit to Houghton and Summit to Logan Stream Bridge.

Conductors will see that there is a good hand brake on the rear car before starting up any grade either way and will see that the brakemen are always at their posts. One brakeman or the conductor must always be on the rear car.
Cars set off on passing track at Notchland, Carrigain, and Willey House, should be left close to derail to prevent damage in case they get away and run over derail.

Trains doing switching at Bemis, on tracks Nos. 4, 6, 10 and 12, will have air coupled up and in use on all cars.
Trains doing switching at Summit to make up train or putting train together must in all cases have the air coupled up and working before making any move from main line to siding or siding to main line, no matter what number of cars they may be handling.
Between Lunenburg and Bartlett enginemen will at all times keep their train under full control and will approach all bridges with great caution.
Care must be used at all points in shifting cars and no car must be left on the main track or at any place where there is a possibility of its getting loose.
At Mechanic Falls when Maine Central train is toeccupy or foul Canadian National main line, it must first receive train order from Canadian National dispatcher, this train order must also be addressed to agent at Mechanic Falls who will become a party to the movement. When Canadian National train is to occupy or foul main line of the Maine Central, it must first receive train order from Maine Central dispatcher, and in addition, signalman at Mechanic Falls will set and keep his gignals against eastward Maine Central trains, and eastward Canadian National trains until engine making move has returned to its own line.

Westward trains delivering cars to C. N. Rys. at Yarmouth Junc. through north wye will not leave any cars on the wye track.
All derailing frogs and switches must be left in derailing position regardless of whether there are any cars on the track or not.
At plant of Pejepscot Paper Company at Pejepscot Mills, conveyor is used across track. Crews doing work in that yard will make sure conveyor is clear before operating on the track.
Cars which have not been weighed or will not pass other track scale stations will be weighed at Crowleys Jct. by Conductor of train handling. Conductor weighing will enter in space provided on waybill, station, gross and tare weights, and will also fill out Weighmaster's ticket Form F-Bk-6 in duplicate, by carbon process, sign it and attach original to waybill, leaving the carbon copy in the Weighmaster's Scale Book, which will be kept in the scale locked up with switch lock. When Scale Book is complete Conductor will take it to General Agent at Lewiston and secure another. Stamp pad and rubber stamp "Scale weight extension not figured, destination agent protect" will be kept in the scale and Conductor weighing cars will apply this stamp to waybills of cars weighed in some clear, conspicuous, open place.
At Lewiston Lower - Attention is called to the clearance on track 30. Clearance is insufficient and dangerous. Be governed accordingly.
At Danville Jct.-There are Hayes Derails on each of the two transfer tracks at end farthest from Maine Central tracks. Trains or engines operat ing on these tracks will not go beyond the derail or foul Canadian National main track, without receiving Canadian National train order to do so.
At Googin Fuel Company's coal shed at Auburn, located on track 8, has not sufficient overhead clearance to receive box cars. Such cars will not be moved into that shed.
With respect to re-icing beef and other perishable freight received from connections: Hereafter re-icing will not be done at any point on the Maine Central unless so designated on face of waybill. This means that we will strictly comply with icing requirements of the Shippers as shown on waybills, except that through trains picking up meat or perishables destined to points on the Bangor \& Aroostook Railroad billed to be re-iced at Waterville will handle such cars through to Bangor instead of dropping them at Waterville. Cars to be iced at Bangor and returned to No. Maine Jct. on the evening switcher, to avoid delay to shipments.

Carloads of hogs for L. W. Davis Co. and Littlefield \& Sons, Auburn, heretofore placed by road crews at stock unloading platform at east end of freight house for unloading will hereafter be set off on track 3 (hill track) for later placing by switcher except on Sundays during the day they will be placed for unloading at stock unloading platform.

In no case will cars be dropped on track 9 (Wadsworth \& Woodman's track), Winthrop. Crews having cars to place, or work to do on this track will in all cases have air brakes coupled up and working before making any moves on it. This applies from main line switch.
With regard to formation of passenger trains in Vermont, the law of that State is as follows:
"Section 4499. In forming a passenger train of more than one passenger car, no loaded and not more than two empty freight, or lumber cars shall be placed in the rear of passenger cars; and, if they are so placed, and an accident happens to life or limb, the officer or agent, who so directed, or knowingly suffered such arrangment, and the Conductor of the train, shall be held guilty of intentionally causing the injury, and be punished accordingly.

All having to do with forming of passenger trains, moving in or through Vermont, will be governed accordingly.

At St. Johnsbury - Overhead structure over Carey's tracks, at their sugar plant, will not clear men on car.

At Beecher Falls - Crews operating on track 22 (coal track) will have air brakes coupled up and working on cars preceding the engine, when going from main line to mill and on cars behind the engine, when moving from mill to main line.

During the time Crawford House is open trains operating in that vicinity will be careful to make as little noise as possible, to avoid disturbing guests of the house.
Head lights of helping engines must be dimmed when cutting out helpers, so hand or lantern signals can be seen.

Crews handling cars consigned to Bretton Woods Company, Fabyan, will set them off on Mt. Pleasant Spur, Bretton Woods, instead of at Fabyan.
At Bartlett - Cars left on Middle or Back tracks in Upper Yard must be left coupled, and crews setting off on these tracks will couple cars they set off to those standing on the track, if any.

At Steep Falls - Crews pushing cars into pulp mill will, in all cases, couple up air brakes and have them working before doing the work; when hauling off this track conductor will have a brakeman on the rear car.

At Bridgton Jet.- Crews doing work on track 2, 6 and 10 will, in all cases, have air brakes coupled up and working; when hauling cars off these tracks conductor will have a brakeman on the rear car.

At South Windham, platform of the Androscoggin Pulp Ca, has close clearance and crews using this track must be careful in haudling cars there.

International Paper Co. at Chisholm, have installed suction pipes along side their clay shed on track 64 which will not clear man on side of car.

At Peru - Trains using passing track must leave switch set for spur track, to prevent cars left on passing track running foul of main line. Cars left on the passing track must always be left east of switch leading to spur track.

At Dixfield - Berst-Forster-Dixfield Co. have constructed fence around their Mills which crosses track 9 at a point 200 feet west of their new Mill and track 11,310 feet west of point of switch. Crews operating on these tracks will be carefil to see gate is opened and fastened before attempting to pass through.

Crews doing work on track 14, in Great Northern Paper Company's Yard, Madison, will have air brakes coupled up and working on all cars before entering onto, or while doing work on the track.

When turning engines on B. A. R. turntable or on the short or long wye, at Northern Maine Jct., or when setting off cars in B. A. R. Yard, west of passenger station, making necessary to operate over part of the Searsport main line, movements will be protected as follows: Turning on short wye or on turntable move will be protected by flagman from members of crew making move while fouling B. A. R. main line. When turning on long wye, over the fill, or when setting off in B. A. R. Yard west of passenger station, B. A. R. will furnish an employe to accompany the move, and move will be made under his direction.
At Danville Jct.- When interlocking signal circuit is fouled between color light signals governing diamond crossing the mechanism is locked and signals cannot be operated, therefore, engines and cars must not be left standing between these signals.

When an eastward freight train is to hold main line at Danville Jct. to meet a westward train, and has more cars then will stand between east switch of passing siding and clear the interlocking circuit, they will stop back west of interlocking circuit, and not proceed until the westward train is hauling into siding.

At Watumbek Jct.-B. \& M. Train Dispatchers' telephone circuit is located in a box outside of station and box double locked. Maine Central employes can use this telephone if needed to communicate with Lancaster Station. Normal position of west switch of track 5 leading to track 3 and east switch of crossover leading from track 3 to main line will be for movement to and from B. \& M. track to Maine Central main line, so that trains entering or leaving Maine Central main line to or from Boston \& Maine will have to handle only the main line switch of crossover. Trains using track 3 (long siding) will be careful to see that switches are in proper
position for the move to be made. position for the move to be made.

At North Stratford a double locking device has been installed on west switch of Canadian National extension track so that switch can be unlocked with either Me. C. or C. N. switch key when it is necessary to use this extension for picking up or setting off cars.
Instructions in regard to communicating signals from head end to the rear of freight trains starting from Rigby are as follows:
"Effective at once, except in case of short trains where it is possible for conductor and brakemen to be in close touch with each other, all eastbound freight crews (with long trains) will be governed by the following:
"As soon as conditions permit after engine is attached and train is ready to go, the head brakeman and flagman will go to the nearest telephone and communicate with each other, and in no case shall the train start until the head brakeman has been advised that the conductor is on hand and ready for the train to proceed. If necessary the conductor will telephone to the head brakeman."

Crews will govern themselves accordingly.
H. R. WITHEE, Assistant Superintendent.

Traveling Conductor H. W. HEUGHEN
Chief Train Dispatchers:
H. M. TREAT
J. J. LYDEN
J. H. PHILLIPS

Train Dispatchers: F. E. FowLeS
C. H. ADAMS
M. P. O'GONNOR
F. H. LYNCH
M. J. MEEHAN
C. G. PRIEST
G. W. WATSON

Extra Train Dispatchers:
I. C. THOMBS
F. B. GALLANT
R. E. ROBINSON

# EASTERN DIVISION SPECIAL INSTRUCTIONS. 

## REFERENCES.

A Stops to leave passengers from Portland or points west or take passengers for Lincoln, Mattawamkeag, Danforth or Vanceboro and points east of Vanceboro.
B Stops to leave passengers from Vanceboro or points east or from Danforth, Mattawamkeag and Lincoln or to take passengers for Portland and beyond.
c Stops to leave passengers on Saturdays only.
D Day train order office.
F Flas stop to receive or discharge passengers or freight.
H Stops to leave passengers holding tickets from Bangor or points west
x Stops to take passengers holding tickets for Portiand or points west or to leave passengers holding tickets from points in Aroostook County on Canadian

M Stops to take passengers holding tickets for Bangor or points west.
N Day and night train order office.
P Stops to leave passengers holding tickets from Portland or points west or to take passengers holding tickets for points in Aroostook County on Canadian Pacific Ry.

- Regular stop.
w Water station.
x Yard Limits.


## WATCH INSPECTORS.

Bangor, Me., Adolf Ptaff. Calais, Me., Otis W.Bailey, Eastport,Me., A. J. Danforth

## REGISTERING STATIONS.

Bangor Frelght Yard. Union Station. Mattawamkeag.

Vanceboro.
Mt. Desert Ferry. Brewer Junction. St. Croix Junction Washington Jct.

Woodland. Ayers Junction. Eastport.

## ELECTRIC STREET RAILWAY CROSSINGS.

Electric street railway crosses main line at the following places: ORONO Brldge Street-Stillwater Branch. VEAZIE Main Road.

Ball signals are located at these crossings excepting: Orono, Bridge Street; (See Rule No. 698.)

## DOUBLE TRACK.

Bangor Freight Yard to double track elgn located on Kenduskeag Bridge.
WHISTLING RULES.
The use of locomotive whistle in Bangor yard, between yard limit signs on main line, will not be permitted except as provided by Rule 14-K or in case of danger.

Mattawamkeag, enginemen of Maine Central trains westbound give one sound of whistie, Canadian Pacific trains westbound give two sounds of whistle.

Brewer Junction, trains running via Calais branch give one sound of whistle, trains munning via Bucksport branch give two sounds of whistle.

LIST OF CROSSINGS PROTEGTED BY FLAGMEN AND GATES. EASTERN DIVISION.

## BANGOR TO VANCEBORO.



ORONO.
Water S
Mridge St.
STILLWATER.

## STILLWATER BRANCH.

Stiliwater Ave
Flagged by Train Crew
Day and Night

Stillwater Ave. . . . . . . . . Flagged by Train Crew. . . . . . . . . . Day and Night
.Day and Night

ENFIELD.
State Road
State Road
State Road.

## HOWLAND BRANCH.

Flaged by Train Grew Day and Night Flagged by Train Crew..........Day and Night CALAIS BRANCH.
Bangor to Calais.
Hours Protected Week Days. Sundays.
BANGOR.
Washington St. . . . . . . Flagged by Train Crew. . (Bacon \& Robinson Track)
BREWER JCT.


Wilson St. . . . . . . .
LSWORTH FALLS.
Waltham Road........ 1 Gate and Crossing
EAST MACHIAS.
Town Road.
DENNYSVILLE.
Milwaukee Road .......Flagged by Station Crew.During Time None
. .....Flagged by Station Crew.During Time

Milwaukee Road ...... Flagsed by Station Crew.During Time None
Same

BUCKSPORT BRANCH.
Brewer Junction to Bucksport.
BREWER JCT.
Wilson St. . . . . . . . . . . . Gate . Opr. at Grossing 5.30 A- 8. 26 P . None
SOUTH BREWER.


Crossing signals are connected for manual operation for chiffing movements at North Main and Crosby Streets, Webeter; thd Portigini mad Sring movements Streets, Great Works.


## EUCESPORT BRANGH <br> Direction. Pass. Freight

 Miles per Hour| Erewer Junction to Bucksport. |  |  |
| :---: | :---: | :---: |
|  | 30 | 20 |
| South Orringtoin approschina first crossing east of station |  |  |
| melt Brook Cremten Brecheport. . ............................ ${ }^{\text {a }}$ | 6 | 6 |
| MT. DESERT FERRY BRANCH. Weohington Junction to Mt. Desert Ferry. |  |  |
|  | 35 | 20 |
| Waukeas inter mit. Depert Ferry ......................... | 30 | 20 |
|  | 6 | 6 |

EASTPORT BRANCH. Ayers Junction to Eastport.
Maximum
All Bridges.
Eaptport:
Middie, Key, High and wabhington Streets
WOODLAND BRANCH.
St. Groix Junction to Woodland.
Maximum .................................................Both
Stillwater Branch
Montague Branch Stilwater Branch
Montague Branch
Eastport Branch Woodland Branch
Ayer Jct. to Eectport
*Lighten all cranes permitted over Bangor-Brewer Bridge as much as possi-
ble, reating boom on idler and observing speed reetrictions

## RULES GOVERNING USE OF SPRING SWITCH AT WEST END OF DOUBLE TRACK, BANGOR.

The normal position of the spring switch is for movements from single track to east bound main line, and switch will be trailed through in normal position by west bound trains or engines moving from west bound main line to single track.

The switch stand will be equipped with light and banner, and the light will show green for either east or west bound movements when in normal position, and red when hand-thrown to reverse position.

Eastbound trains or engines finding signal $\mathbf{P} 1359$ at stop indication will flag to end of double track, examine switch points closely, and if switch is closed in proper position will proceed in accordance with Rule 509-B. If the switch is not properly closed and cannot be closed by means of the handthrow lever, it must be spiked in the proper position before passing over it, and after the train has passed the switch the spike must be removed to permit trains or engines to trail through. Spiking maul, claw bar and spikes will be found in a cabin near the switch.

Trains or engines trailing through the switch must not exceed a speed of twenty miles per hour until the leading wheels have passed through the switch, when speed may be accelerated to allowable maximum speed.
Trains or engines trailing through the switch and stopping on the switch must not take up slack nor back up until the switch has been set in proper position by hand-throw lever, otherwise the switch will be straddled, resulting in derailment.

## INSTRUCTIONS TO OPERATORS OF DUAL CONTROL SWITCH, ENGINEMEN AND TRAINMEN, FOR OPERATION OF DUAL CONTROL SWITCH AT BANGOR.

## Operators.

Operator when giving permission to hand operate a dual control switch must notify trainmen as to time during which train or engine may use switch. Time limit may be extended on request of trainmen if conditions permit.
Operator must make record of engine number; time granted; time work is completed or main track cleared on Form M. C. 215.
In case of signal failure, or in case of emergency, the Operator may verbally authorize a train or engine to pass a stop signal, and must:
(a) Secure information that the points of dual control switches are in proper position and safe for movement.
(b) Check the permits issued to trains or engines granted permission to hand-operate dual control switch to determine whether or not conflicting movement is involved, and if so, protect it.
(c) Maker record of the signal out of order and train or engine number reporting signal at stop.
(d) Authorize movement.

## Enginemen and Trainmen.

To operate a dual control switch by hand, trainmen must secure permission from the Operator. When permission is granted, trainmen must operate selector lever to the "Hand Throw" 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 Operator, at the same time he must report the location of train or engine.

When selector lever on dual control mechanism is placed in the " hand throw" position, all signals governing movements over switches will indicate "Stop." Under these conditions the train or engine authorized to use switch may consider the indications of the interlocking signals suspended and make train movements over the switch as necessary during the time the selector lever is in the "hand throw" position and locked.

The permisaion granted by the Operator to trainmen to hand operate a dual contral switch does not authorize any part of the train or engine to move beyond the interlocking even though the selector lever is operated as in instructions above. When movements beyond the interlocking limits are necessary during the time dual control switch is being hand operated, trainmen must be governed by automatic block signal rules and other rules governing train and yard movements.

If additional time is needed, trainmen must, before time limit has expired, report to the operator for instructions, and if time extended, it must be so recorded on sheet kept by operator.
Light indicators are installed near switches to indicate position of the switch when manually operated, and will be lighted only when selector lever is in the hand-throw position. A green light will indicate that switch is in normal position, $\mathbf{A}$ red light will indicate that switch is in reverse position.
When governing signal indicates "Stop" and the cause for such signal indication is not apparent, conductor or engineman must notify operator at once; if cause is apparent, and the signal continues to display the "Stop" indication for five minutes, he must report to the operator for instructions.
In case of signal failure, or in emergency, before passing " Stop" signal, conductor or engineman must secure permission from operator.
After receiving permission, train will flag to next signal on single track, and on double track proceed at slow speed to the next signal expecting to find train in block, broken rail, obstruction or switch not properly set.
If head end of train passes a stop signal and then reverse movement is made so that it is again in rear of signal, operator must be notified.
When about to make movements over a dual-control switch by the use of the hand-throw lever, trainmen must notify engineman when the selector lever is in the hand-throw position, and also notify engineman when it is returned to the switch-machine position, so that engineman will know when to be governed by fixed signals governing movements over the switch and when to be governed by hand signals.

Engineman must not accept hand signals as against fixed signals in making movements over a dual control switch unless the selector lever on dual-control switch has been placed in the hand-throw position (indications of signals governing movements over switch suspended), or unless in any emergency, when engineman is fully informed as to the circumstances.
After switching movements are completed, switch must be restored to position in which switch was found before changing from electric to manual operation, otherwise selector lever cannot be thrown to position to permit of electrical operation.

Telephones for communicating with Operator, are located, on the westbound signal near switch and on interlocking signal 2700 feet east of switch at Bangor.

## SEMAPHORE TRAIN ORDER SIGNALS.

At all telegraph stations except Calais, Eastport and Bangor Freight Yard.

## BULLETIN BOARDS.

Bangor Freight Yard.
Union Station.
Bangor Engine House
Bulletin boards have two position numbered 1 and 2.
1 is used exclusively for bulletin orders.
2 is used for miscellarreous notice and circulars.
Under position 2 is given the name of the person having charge of the board who must daily inspect, change and correct them as necessary.
Bulletin ORDERS, unless otherwise specified, expire on the 10th of the month following that in which they are issued, and must be reissued if intended to remain in effect.

## SPECIAL SIGNAL RULES.

Bangor Freight Yard.
The upper arms of signal No. P 1360 and No. S 1360, governing movements from double track to single track apply to through main line movements only, and trainmen finding the governing signal at stop indication will be governed by Rule 509-A.

The lower arms of signals No. P 1360 and No. S 1360 govern movements from double track to track No. 4 over crossover " A" located about 1200 feet west of the west end of double track.
Light engines moving from west end of double track to engine house over crossover "A" may proceed against superior trains when the governing signal indicates Proceed.

Light engines moving from west end of double track to engine house over crossover "A," finding governing signal indicating Stop, will stop back of signal until governing signal indicates Proceed, or until they are flagged through by switchman.

Light engines moving from engine house to eastbound main track may praceed against superior trains when dwarf signal indicates Proceed or on permission from switchman.
For westbound through movements against current of traffic on eastbound main line, the signal near end of double track governing this move will be cleared by switchman at Railroad Street. For shifting movements from west end of eastbound main line to single track, push keys have been provided, located in a box on post of bracket signal, and trainmen may clear the governing signal by pressing the key marked S 1360 . If movement is not made, the normal position of signals must be restored by pressing the key marked P 1360.

## SPECIAL SIGNAL RULES. <br> Bangor (Union Station).

One ball or one red light at masthead will allow trains from the Calais branch to run to the Union Station.

Two balls or two red lights allows trains from main line to run to Union Station or enter freight track.
Three balls or three red lights allows trains from Calais branch to cross main line and enter freight tracks, and stops all main line trains.

Absence of signals stops all westward trains and allows shifting engines to work between Union Station and Limit No. 1 located opposite Block Signal E-1373.

INTERLOCKING SIGNALS.

| EASTWARD. Read Down. | LOCATION. | WESTWARD. Read Up. |
| :---: | :---: | :---: |
| Dwarf Light Signal, Track 4 | Bangor Yard West End xover "A" |  |
| Approach, Block P 1359 |  |  |
| §Home, Main Line <br> Dwarf, Track 15 <br> Dwarf, Track 37 | Bangor Yard (Railroad Street) | §Home, 2-arms <br> Approach, Block P-1368 |
| Approach, Block E-1373 <br> §Home, Light Signal | Bangor Calais Junction Main Line | §Home, Light Signal <br> §Home <br> Approach, Block E-1390 |
|  | Bangor Calais Junction Calais Branch | Dwatf, Light Signal Approach, Block H-1376 |
| Apptoach, Block E1939 §Home, M. C. R. R. §Home, M. C. Yard §Home, C. P. Ry. | Mattawamkeag | §Home, 3-arms Top arm-C. P. Ry. |
|  |  | Middle arm-M.C.main line |
|  |  | Lower arm-M. C. yard |
|  |  | Approach, 2-arms |
|  |  | Top arm-C. P. Ry. <br> Lower arm-M. C. main line |

## REFERENCES.

I Automatic routing signal.
Will govern movement from siding or yard to the main line
Semi-automatic signal for main line movements.
Will govern movements over spring switch.
AUTOMATIG BLOCK SIGNALS AND MAIN LINE INTERLOGKING SIGNALS.-BANGOR WEST YARD.

| SIGNALS EASTWARD | Between Stations | SIGNALS WESTWARD |
| :---: | :---: | :---: |
|  | Yard Limit Sign at Hamp- | P 1358 |
| ¢P 131359 | den St. Bridge and 75 feet | $\pm$ ¢ 1360 |
| $\mathrm{§}^{\text {¢ Home }}$ | west of Kenduskeag | $\ddagger$ IS 1360 |
| Circuit ends 75 feet west <br> of Kenduskeag Bridge. | Stream Bridge | §Home, 2 -arms P 1368 |

BANGOR TO VANCEBORO.


CALAIS BRANCH. - Bangor to Washintton Jct.


## BUGESPORT BRAINGH.

Brewer Junction BB1382 will govern movements froai Bucksport branch to the Calais branch.

## INDICATORS.

Washingtion Jet- Pe enst end Wye Mt. Desert Ferry Branch.
At east end Wye Calais Branch.
I Double Iodicatoty- Indicator marked WEST at stop indication will indicate that the main line Whet of switch is occupied antd indicator marked EAST wiil indicate that the main line east of switch is occupied.

## MAXIMUM ENGINE LOADINGS

## On Various Lines of the Eastern Division.

## Classes



Helping engines when leading on trains in either direction from Bangor must have air brake coupled and in use, movement of train to be controlled by engineman on the leading engine.

Westward freight trains will not stop to register at Bangor Union Station except when displaying signals.

At Bangor, passenger trains from the Calais Branch will not start from switchback until road test has been made by application of brake from the rear, and released by engineman.

After road test is completed, hand signal must be received from the rear before train is started.

At Bangor, trains whose initial terminal is Bangor Freight Yard, must obtain clearance card (Form M. C. 30) before departing.

All trains must obtain Clearance Card (Form M. C. 30) before leaving Calais.

Whenever cars are left on coal trestle at Basin Mills except on level track they must be coupled together and a sufficient number on the incline must be chained as well as trigged.

Class S engines when coupled with any class of engine will be uncoupled and separated while passing over Old Town and Milford Bridges.

Engines pushing westhound trains out of Lincoin will proceed west out of crossing signal circuit the west end of which is indicnted by a sign marked "West End of Crossing Signal Circuit" before proceeding east.

All train or car movements over highway crossing Track No. 8 at Kingman must be made at a speed not exceeding six miles per hour and all such movements must be flagged by a man on the ground in said street before any part of such train or car is within fifty feet of the street line. Switch connecting Track No. 10 with No. 8 Track must be left placed for Track No. 8. It must never be lined for No. 10 except to do switching on that track.

When a westward freight train has work at Wytopitlock unless required to take siding they will stop train far enough back of highway crossing automatic signal circuit marker which is 1400 feet west of the east switch of passing siding so that engine returning to train will clear the crossing signal circuit that when the train proceeds into the circuit the signal will become operative.

The maximum speed of relief trains handling Wreckitig Cranes is to be the speed limit allowed freight trains in the territory where relief train is being operated, except between Banger and Vanceboro, maximum speed to be thitty ( 30 miles per hour.

Industrial cranes also Hoister 191 and American Ditcher 141, must not be movef at a speed exceeding twenty-five (25) miles per hour.

Speed restrictions designated by Time Table must also be complied with.
Alf eastward freight trains will stop west of highway crossing at Danforth and leave train at that point while taking water.

The Junction Switch at Brewer Jct. will be lined for the Calais Branch at all times except when changed by Trainmen on trains and Switcher to and from the Bucksport Branch who will after trains for the Bucksport Branch pass over the switch, line it and leave it locked for the Calais Branch.

Trains westward with more cars than will clear between crossings on the Island east of Oldtown and switch on west end of east Yard, when setting off, will do so on west end of west Yard. When number of cars in train will clear, cars should be placed on east Yard.

Snow Plows of any kind must not be put on Track No. 4 at Green Lake on account of track elevation.

On nocount of excessive curvature of Tracks No. 20 and 32 at Calais engines having cars to place on these tracks should take sufficient cars so that engine will not be operated beyond the lead frog.

Air brakes must be coupled up and in service on all cars when making any movement on track 30 at Paper Mill, Woodland. Conductors and Enginemen witi be held responsible for seeing that this requirement is carried out.

All trains and engines in both directions must come to a full stop before crossing Middle, High, Key and Washington Streets, Eastport, and these crossings must be protected by a conductor or brakeman while cars and engines are passing over them. Speed not to exceed 4 miles per hour and stop to be made near enough to crossing so that engine or leading car is plainly visible to pedestrians or drivers of teams or automobiles approaching crossing from either direction. This to apply to switching as well as train movements.
Passing siding at Old Town is on south side of main line opposite Passenger Station.

When switching or handling cars at Sea Street, Eastport, air brakes must be coupled and in use. This rule to apply when handling cars between station and Sea Street.
Trains of the Canadian Pacific Railway while running on the Maine Central Railroad will be governed by the rules and time table of the Maine Central Railroad.
Sacks of U. S. mail matter unless labelled must not be accepted for forwarding.

Conductors of trains 71 and 8 will send to General Passenger Agent, Portland, a pencil memo showing number of passengers, revenue and D. H. separately, in and out of Vanceboro in coaches and pullmans separately, through passengers only to be counted.

Scale Test Car No. 650 not to be handled in any train except on instructions from Superintendent and will not be handled in trains of more than thirty (30) cars. When handled it must be on extreme rear and speed of train restricted to twenty five (25) miles per hour.
Engines must not go onto Trestle Tracks 8 and 12 at Woodland.
On track No. 6 at Howland, Class W or Big O engines must not be put onto Trestle.

No 71 reduce speed to 15 miles per hour passing stations at Orono, Enfield, Winn and Forest to provide for U. S. Mail.

TONNAGE RATING CLASSIFICATION OF LOCOMOTIVES.

| Class | Locomotive Numbers | Claes | Locomotive Numbers |
| :---: | :---: | :---: | :---: |
| 115 "S" | .627-632 | 65 "BO" | 401-412 |
| 110 "S" | 601-02-03-04-07-08-10-12-13-17-18 | 65 "W" | 502 L 508 |
| 105 "S" | 621-628 | 60 "0" | 351-390 |
| 100 "S" | 605-06-09-11-14-15-16-19-20 | 60 "K" | 161-166 |
| 80 "D" | .701-702 |  | 246-248-316-319 |
| 70 "C" | 466-470 | 40 "N" | 288-289 |
| 70 "W" | 501 and 509 to 528 | ${ }_{35} 35 \mathrm{G}$ " ${ }^{\text {c }}$ | 106-115 |
| 65 "C" | . $.1670-465$ | ${ }_{35}^{35}$ "K" | 153-160 |



Iolper mertied to talce combined rating of entinet.
W. E. KINGSTON, Assistant Superintendent.

Train Dispatchers:
J. I. MOSHER
J. A. COSGROVE
J. R. CROMWELL

$$
\text { Extra Train Dispatchers: W. E. PIERCE } \quad \text { A. W. BODGE }
$$


[^0]:    WESTWARD TRAINS ARE SUPERIOR TO EASTXVARD TRAINS OF THE SAME CLASS, GNI SS OTEITRWISE PROVIDED.

    - No. 153 will not run until Wednesday, May 23.

    No. 153 is superior to No. 504.
    $\Delta$ No. 155 will not run until Wedneaday, June 20.
    $\Delta$ No. 53 will not rus until Wedneeday, June 20.
    Trains using Portland Terminal Company tracks will be governed by Portland Terminal Company timetable and rules, amal ameateraponding schedules of that timetable. Train schedules and all regulations shown in this timetable as applying within Portland Terminal Company limits are for fuformation only.

[^1]:    Trains using Portland Terminal Co. tracks, will be governed by Portland Terminal Co. timetable and rules and assume corresponding sehedules of that timetable. Train schedules and all regulations shown in this timetable as applying within limits of Portland Terminal Company, are for information only.

[^2]:    WESTWARD TRAINS ARE SUPERIOR TO EASTWARD TRAINS OF THE SAME GLASS, UNLESS OTHERWISE PROVIDED

