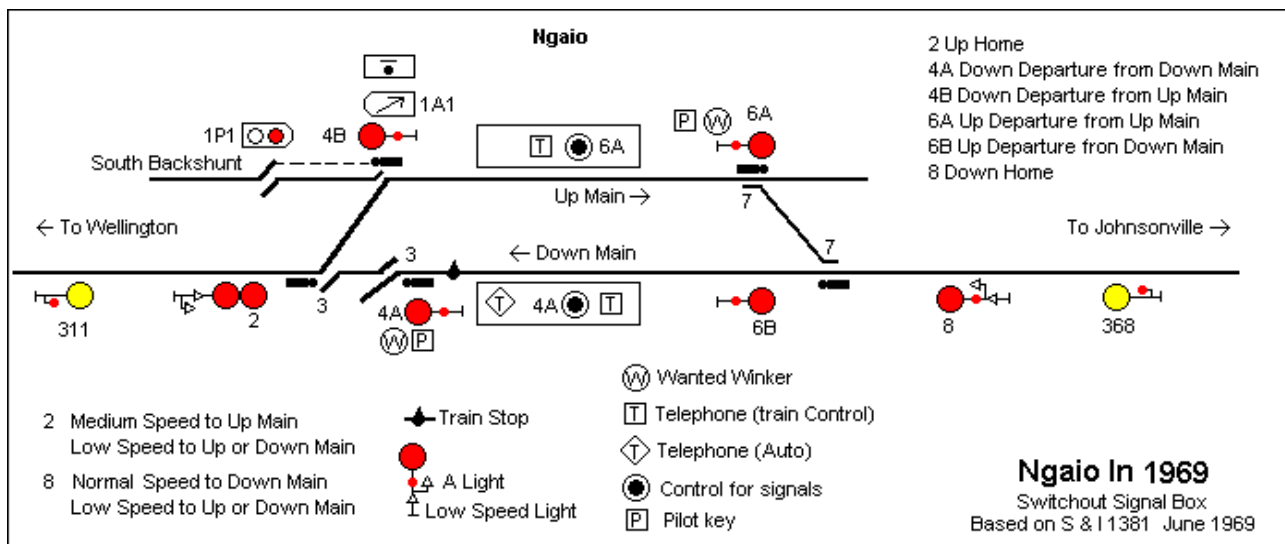


Ngaio Local Instruction L 26 July 1969

I have included a diagram to make it easier to understand the local instruction. Note however that the diagram was NOT included in the original document.

I have formatted the document so that it is similar in formatting to the original. However I have not attempted to match the original pagination.



NEW ZEALAND GOVERNMENT RAILWAYS

Local Instruction No. L26

Sheet No. 1

No. of Sheets 3.

NGAIO
LOCAL INSTRUCTIONS FOR OPERATION
OF STATION CONTROL PANEL

To be read in conjunction with current Circular S & I for Ngaio.

Introduction.

A signal control panel is provided at Ngaio to give control of all signals and points at Ngaio.

To Switch In Station Control Panel.

The station control panel is normally not illuminated. To illuminate the panel depress the "Indication Check" push button. If a train is indicated on the Track Diagram by the illumination of a "Red" track indication, wait until the train comes to a stand.

Press the "Claims Cancel" pushbutton. This will hold the control panel indications illuminated and the "Indication Check" pushbutton may be released.

When the light in the "Claims Cancel" pushbutton is illuminated, which may be immediately or after a time delay of 50 seconds, the control panel may be switched in by placing lever No. 5 in the 'L' position.

The 'L' indication above the lever indicates the panel is 'switched in' and signals and points may be controlled from the panel.

Signal Levers Nos, 2, 4, 6 and 8.

These two position levers control the signals corresponding to the lever number, the "normal" position (signal at 'Stop') being with the lever in the vertical position.

To clear a signal, check that the points levers, where applicable, are in the required positions for the moment and the corresponding points indications are illuminated. Operate the appropriate lever to the 'L' position for a signal reading to the left or to the 'R' position for a signal reading to the right. The signal will then clear, provided the track occupancy conditions permit, and the "Red" indication will be extinguished. The signal will be automatically replaced by the passage of a train and the "Red" indication will reappear; the operator should then place the signal lever in the "Normal" position.

Low Speed Pushbutton

To clear the Low Speed light on Signals Nos. 2ABC and 8AC to the Up or Down Main, the following procedure should be followed:

Check the points levers are in the required positions and the corresponding indications are illuminated. Depress the "Low Speed" pushbutton below the control lever to the appropriate position.

Points Levers No. 1, 3 & 7.

These levers enable the position of the respective points to be controlled. Operation of the levers will only move the points if there is no danger to traffic; this condition will be indicated by the illumination of the points free indication (F) above the lever.

The "N" and "R" indications above the points control levers indicate the position of the points.

the free light (F) above No. 1 lever will be illuminated only when No. 3 points are in the reversed position (i.e. set for the Down Main).

Lever No, 1PI.

To clear 1PI (No. 1 points indicator) and 1AI (No. 1 arrow indicator) reverse No. 1 points check No. 1 points "R" indication is illuminated and turn lever AI/PI to the left.

To extinguish 1AI and 1PI turn Lever AI/PI to the vertical position. No. 1 points will remain locked ('F' light out) until 1AI/1PI has been extinguished for 30 seconds.

Block Open Indications.

These are normally illuminated to show the Departure signals at that end of the station may be set to proceed.

The indications are extinguished when either:

- (a) a train enters the block from the station
- (b) when an opposing Departure signal is set at proceed.

The indications will be re-illuminated ten seconds after a train leaves the block section to show the Departure signal may be set at proceed.

When a signal has been set to proceed and a train approaches it will not be possible to move the points or place a conflicting signal at proceed until 50 seconds after the signal displaying the proceed indication has been restored to 'Stop'. Electrically operated time releases work automatically on all controlled signals. When a signal is approach locked the "Time Delay Operating" indicator will be illuminated.

To Switch Out Station Control Panel.

Before Switching Out any train must be signalled out of the station and have passed the Departure signal concerned.

Check that all signals and points control levers are in the "Normal" position.

Check that "Red" indications are illuminated above the signals and AI/PI control levers.

Check that "N" indications are illuminated above all points control levers.

Check that "F" indications are illuminated above Nos. 3 and 7 points control levers.

Place the "Local Control" lever No. 5 in the "A" position, all indications will be extinguished.

Press "Indication Check" pushbutton and check that an "A" indication is illuminated above lever No. 5; this indication indicates that "Automatic" control is now in operation.

Platform Control Panels.

Control panels are provided on the station platforms for the operation of the signalling when the Station Control Panel is Switched Out and Ngaio is operating as an automatic crossing station.

F.N.B. Golder
DISTRICT TRAFFIC MANAGER

WELLINGTON
July 1969