

Train approaching from Caernarfon (with Platform Clear)

The Britannia Bridge crossing lights will be initiated by the train operating the treadle, provided:

- lever 15 is pulled (locks 6 points normal, preventing any conflicting moves)
- the WHR platform track-circuit (TC 'A') is clear

Signal 15's main aspect (2 flashing yellow lights) will clear after the road warnings have been proved operating for sufficient time, provided that TC 'A' is clear.

Loco approaching from Gas-Works Loco Siding (with Platform Occupied)

With TC 'A' occupied, the treadle will not initiate the Britannia Bridge crossing lights. The loco will have to stop at signal 15, and phone for permission to proceed. The Britannia Bridge crossing will then be initiated using the token-operated key-switch on the signal-post, provided lever 15 is pulled. Signal 15's subsidiary aspect will clear after the road warnings have been proved operating for sufficient time.

Train departing for Caernarfon

Britannia Bridge crossing will be initiated by the train-crew using the token-operated key-switch on the starter signal-post, when the train is ready to depart. The starter signal will clear (2 flashing yellow lights) after the road warnings have been proved operating for sufficient time. If the signalbox is unmanned, the train-crew can pull lever 15 before the train departs, ready for the next arrival, provided that they are protected by the token.

Train approaching from Minffordd (with Platform Clear)

Signals 3, 4 and 8 will all be "off", with signal 4 displaying an "F" or "W" route indication as applicable.

Loco approaching from Boston Lodge (with Platform Occupied)

Signal 3 will be cleared, but the driver must expect to stop at signal 4. The train will be cautioned at signal 4, which will then be cleared with an "F" or "W" route indication as applicable. If the loco is being signalled into the FR platform, disc signal 8 must be cleared before signal 4 will clear.

Train departing for Minffordd

The platform starter and advance starter will be cleared by operating the token slidedrawer, similar to current arrangements. A plunger will be provided to replace both platform starter and advance starter when necessary.

If the signalbox is unmanned, the train-crew can clear signals 3, 4 and 8 before the train departs, ready for the next arrival, provided that they are protected by the token (note that the signals must not be replaced by the departing train!).

Operation when unmanned

The existing signalling allows the loco-crew to clear the FR home signals before departure, ready for the next arrival. It is proposed to continue this, as described above, and provide a similar arrangement for WHR departures/arrivals.

It is proposed to perpetuate the existing instruction allowing the home signal to be left off, provided that vehicles in the FR platform are protected by the shunt signals. These instructions require the driver to expect to stop at the shunt signals, without being cautioned at the home signal. This allows a loco from Boston Lodge to approach the station when the frame is unmanned. Once stopped at the shunt signal, a member of the loco-crew can then walk to the lever-frame in order to clear the signals for the loco to enter the station and attach onto the front of the train.