



**SCOTTISH REGION**

**SPECIAL NOTICE**

**PERMANENT WAY AND**

**SIGNALLING ARRANGEMENTS**

**NEWBRIDGE**

**RESIGNALLING**

**(THIS NOTICE NEED NOT BE ACKNOWLEDGED)**

**24 APRIL, 1978**  
**GLASGOW**

**F.C. Walmsley**  
**Chief Operating Manager**

# SIGNALLING RECORD SOCIETY

[www.s-r-s.org.uk](http://www.s-r-s.org.uk)

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## NEWBRIDGE RESIGNALLING

## OPENING ARRANGEMENTS

The altered permanent way and signalling arrangements shown on the accompanying diagram and description herein will be brought into use in accordance with the details shown in E.N. Weekly Notice No.17 and will be introduced at approximately 02 00 on Monday 1 May, 1978.

## DESCRIPTION OF SCHEME

Queensferry Junction and Bathgate Junction boxes will be closed as block posts and the area of control of Edinburgh Signalling Centre extended to cover that previously controlled by these boxes.

The following lines will be redesignated:—

Old designation	New designation
Down and Up main lines	Down and Up E. & G. lines
Down and Up branch lines	Down and Up Bathgate lines
Up and Down goods loop	Up and Down passenger loop

## Nomenclature of Junctions

The junction between the E. & G. lines and the Bathgate lines will be designated **Newbridge Junction**.

## Method of Working

Track Circuit Block Regulations will apply throughout the area controlled by Edinburgh Signalling Centre, on the lines to and from Winchburgh Junction box and on the Up line from Bathgate Central box.

Absolute Block Regulations will apply on the Down line to Bathgate Central box.

## SIGNALLING ARRANGEMENTS

The description of the application of all signals shown on the accompanying diagram is as follows:—

Signal prefix letter	Controlled from
EH EN	Edinburgh Signalling Centre
W	

Existing signal QJ565 will be renumbered EH565.

The application of all running signals, with the exception of those detailed below, are to the next signal.

## RUNNING SIGNALS

Signal No.	Aspect, Main or Draw ahead	Route indication where provided	Application
Down E. & G. EN573	Main		to EN587
	Main	Upper junction indicator	to EN585
	Main	Lower junction indicator	to EN575
EN587	Main		to EN589
EN593	Main		to W597
W597R	Main		Distant for W597
W597	Main		to Down starting signal for Winchburgh Jn.

## RUNNING SIGNALS – continued

Signal No.	Aspect, Main or Draw ahead	Route indication where provided	Application
<b>Up E. &amp; G.</b> W596	Main		to EN592
EN592R	Main		Distant for EN592
EN588	Main Main	junction indicator	to EN584 to EN582
<b>Up &amp; Down passenger loop</b>			
EN582	Main draw ahead		to EN572 towards Down sidings
EN585	Main		to EN589
<b>Down Bathgate</b>			
EN575	Main		to Bathgate Central
<b>Up Bathgate</b>			
EN576R	Main		Distant for EN576
EN574	Main draw ahead		to EN572 towards Down sidings

## SHUNTING SIGNALS

Signal No.	Route indication where provided	APPLICATION	
		From	Towards
<b>Up E. &amp; G.</b> EN939	—	Up E. & G.	EN943 or Ratho siding (controlled by ground frame)
EN943	B L M	Up E. & G.	EN575 EN585 EN587
<b>Down E. &amp; G.</b> EN944	—	Down E. & G.	EN572
EN946	X L	Down E. & G.	EN944 EN582
<b>Down Bathgate</b> EN942	—	Down Bathgate	EN572 or Down sidings
<b>Down sidings</b> EN941	B L	Down sidings	EN575 EN585

## GROUND FRAME ARRANGEMENTS

Ground frames will be provided as described below:—

### Ratho siding

A four-lever ground frame electrically controlled from Edinburgh signalling centre, to operate the connection between the Up E. & G. line and the siding together with the signal route applying from signal EN939 towards the siding. Trains may be shut in.

### Uphall

The existing two-lever ground frame, operating the connection between the Down Bathgate line and Pumpherston branch single line, will become electrically controlled from Bathgate Central box. Trains must not shut in.

### Livingston M.O.D. siding

The existing one-lever ground frame, released by Annett's key, will become a two-lever ground frame electrically released by the Up Bathgate line track circuits.

Track circuit marker boards are provided in the cress of the Up Bathgate line on either side of the siding connection and the brake van or rear portion of a train shunting the siding must be left on the approach side of the track circuit marker board on the Bathgate Central side of the connection.

The ground frame control lever is then free to be operated when the locomotive or front portion of the train is brought to a stand beyond the track circuit marker board on the Newbridge Junction side of the siding connection.

The ground frame control level must not be replaced to the normal position until the locomotive or train has drawn clear of the siding and is standing on the Up Bathgate line in advance of the siding points.

The ground frame must not be considered to be in the normal position until the control lever has been replaced and the indicator is in the "normal" position.

Trains must not shut in.

### AWS Equipment

With the exception of the Up & Down passenger Loop, AWS track equipment is provided throughout the area, in accordance with standard arrangements.

### Signal Post Telephones

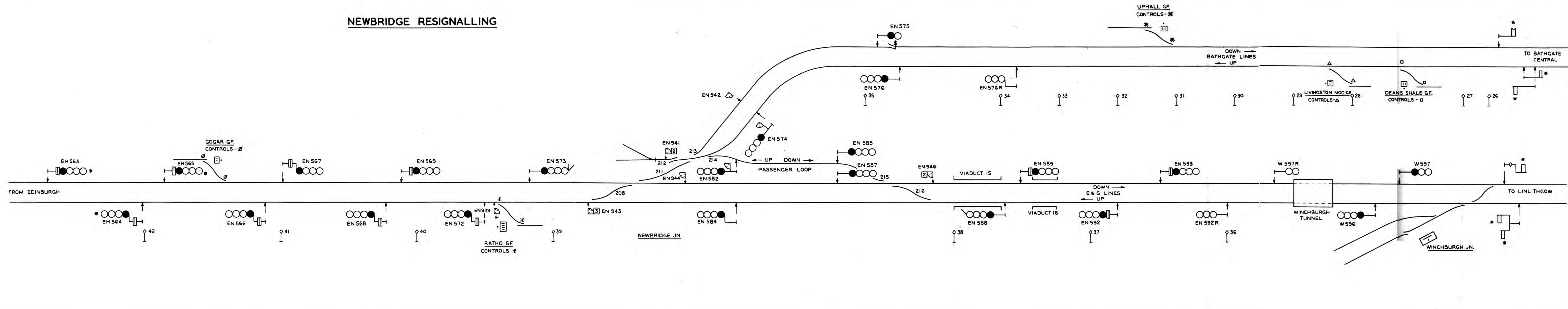
Although not shown on the accompanying diagram, the following telephone signs are provided, where applicable, in accordance with Regional practice.



# NEWBRIDGE RESIGNALLING

A A

A1 A1



## EXPLANATION OF SYMBOLS

- |   |  |
|---|--|
| <p><b>MAIN LINE COLOUR LIGHT SIGNALS</b><br/>FOUR ASPECT SIGNAL</p> <p>○ ○ ○ ○ - RED<br/>○ ○ ○ ○ - RED, YELLOW, DOUBLE YELLOW OR GREEN ASPECT</p> <p><b>THREE ASPECT SIGNAL</b><br/>CAPABLE OF DISPLAYING YELLOW, DOUBLE YELLOW OR GREEN ASPECT</p> <p>○ ○ ○ - YELLOW, DOUBLE YELLOW OR GREEN ASPECT</p> <p><b>TWO ASPECT SIGNAL</b><br/>CAPABLE OF DISPLAYING YELLOW OR GREEN ASPECT</p> <p>○ ○ - YELLOW OR GREEN ASPECT</p> <p><b>ROUTE INDICATORS</b><br/>JUNCTION TYPE RULE BOOK SECTION 'C'</p> <p>STENCIL TYPE<br/>FIGURE IN SQUARE DENOTES NUMBER OF ROUTES CAPABLE OF BEING DISPLAYED</p> <p><b>SUBSIDIARY SIGNALS</b><br/>○ ○ ○ - POSITION LIGHT (NORMAL OUT)<br/>○ ○ ○ - PROCEED ASPECT - TWO WHITE LIGHTS AT 45°</p> <p>* DENOTES EXISTING SIGNALS</p> | <p><b>POINTS CONTROLLED</b></p> <p>— HAND<br/>— SPRING</p> <p><b>SHUNTING SIGNALS</b></p> <p>△ - GROUND POSITION LIGHT</p> <p>○ ○ ○ ○ - NORMAL ASPECT - RED AND WHITE HORIZONTAL LIGHTS<br/>○ ○ ○ ○ - PROCEED ASPECT - TWO WHITE LIGHTS AT 45°</p> <p><b>MISCELLANEOUS</b></p> <p>— - AUTOMATIC SIGNAL<br/>— - SEMI-AUTOMATIC SIGNAL<br/>○ - MILEPOST</p> <p><b>SEMAPHORE SIGNALS</b></p> <p>— - DISTANT<br/>— - STOP<br/>— - FULL ARM<br/>— - MINIATURE ARM</p> |
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