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British Rail

SIGNALLING NOTICE

No 143.

EASTERN REGION

**SUPPLEMENTARY
NOTICE
of
SIGNALLING
ALTERATIONS**

affecting the working of the line

from

**Sundays 26 January and
2 February 1986,
at**

NORWICH (STATION AREA).

SIGNALLING RECORD SOCIETY

www.s-r-s.org.uk

DIGITAL ARCHIVE

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NOTICE NO. 143 COVERS THE TWO STAGES OF RESIGNALLING IN THE NORWICH STATION AREA ON SUCCESSIVE WEEKENDS. THE DIAGRAMS ILLUSTRATE THE RESULTANT TRACK AND SIGNALLING AFTER COMPLETION OF THE SECOND STAGE ON SUNDAY 2ND FEBRUARY

Saturday 25th and Sunday 26th January - Norwich Thorpe Junction and Norwich Passenger Yard Signal Boxes

Platform Nos. 5 and 6, the Jubilee Sidings, the Wensum Loop and the Diesel Fuelling Siding will be transferred to the control of Norwich Thorpe Junction signal box in conjunction with the provision of new colour light signals.

The Wensum Loop will be renamed the Up/Down Branch line (signalled in both directions).

The Track Circuit Block Regulations will apply throughout between Thorpe Junction on the Down and Up Branch lines and Platforms 5 and 6 via the Up/Down Branch line.

The facing connection from the Up Main to the Up/Down Branch line (former Wensum Loop) and the crossover between the Up Main and Nos. 5 and 6 Platform lines, will be secured out of use pending removal.

A new facing crossover and associated signalling will be brought into use between the Down and Up Branch lines for Up trains to gain access to Platforms 5 and 6 and the Jubilee Sidings via the Up/Down Branch line.

Signalling Alterations

The signal gantry carrying the Nos. 5 and 6 Platform Starting signals, also the Jubilee Sidings Exit Semaphore signal will be replaced by new separate straight post colour light signals controlled from Norwich Thorpe Junction signal box. An associated position light will be provided on each of these signals. (See below for route indications).

The semaphore signal at Thorpe Junction controlling the exit (in the Down direction) from the Up/Down Branch line (former Wensum Loop) will be replaced by a 3-aspect colour light signal plated NJ590.

The Passenger Yard signal box controlled shunting signal at the exit from the Diesel Fuelling Siding, will be replaced by a new position light signal No. NJ1789, with 3-way route indicator (see below for route indications and other new position light signals).

The signals applying towards Norwich Station from No. 2 and No. 1 Reception lines (NJ8 and NJ15 signals), will no longer have route indications applying towards Platforms 5 and 6.

The following is a description of all new colour light signals (NJ = Norwich Thorpe Junction signal box prefix).

<u>Signal</u>	<u>Line</u>	<u>Aspect</u> <u>M=Main</u> <u>PL=Position</u> <u>Light</u>	<u>Route Indication</u>	<u>Application to or</u> <u>towards</u>
NJ584	Platform 5	M (Yellow) PL		Up/Down Branch Diesel Fuelling Siding
NJ586	Platform 6	M (Yellow) PL		Up/Down Branch Diesel Fuelling Siding

/Cont'd...

<u>Signal</u>	<u>Line</u>	<u>Aspect</u> <u>M=Main</u> <u>PL=Position</u> <u>Light</u>	<u>Route Indication</u>	<u>Application to or</u> <u>towards</u>
NJ588	Jubilee Sidings	M (Yellow) PL		Up/Down Branch Diesel Fuelling Siding
NJ590	Up/Down Branch (Down direction)	M		Down Branch NJ499 signal

The associated Banner Repeating Signal on the Up/Down Branch (120 yds. before reaching NJ590) will be plated NJ590R.

NJ531	Up Branch	M (Yellow)	W	Up Branch Semaphore Home Signals NJ10/12 (not plated).
		M (Yellow)	5	Platform 5*
		M (Yellow)	6	Platform 6*
		PL	5	Platform 5* (Occupied)
		PL	6	Platform 6* (Occupied)
		PL	E	Up/Down Branch line NJ1787 Position Light Signal

* These route indications will be cleared in conjunction with NJ1787 Position Light Signal.

New Position Light Shunting Signals controlled from Thorpe Junction Signal Box

NJ1775	Down Branch			Up/Down Branch NJ1787 Signal
NJ1787	Up/Down Branch		5	Platform 5
			6	Platform 6
			J	Jubilee Sidings
NJ1789	Diesel Fuelling Siding		5	Platform 5
			6	Platform 6
			J	Jubilee Sidings

Automatic Warning System

An A.W.S. track Inductor (permanent magnet only) will be provided 200 yds. before reaching Up Branch NJ531 signal.

The track Inductor associated with the Passenger Yard Up Branch Distant signal (below the Thorpe Junction Up Branch Home signal) will be repositioned on the station side of the new facing crossover between the Down and Up Branch lines (100 yds. nearer to the signal).

Saturday 1st and Sunday 2nd February - Norwich Station New (Temporary) Signal Box

Norwich Thorpe Passenger Yard signal box will be abolished.

Control of the area (previously controlled from Passenger Yard signal box), will be transferred to a new temporary signal box named NORWICH STATION.

Hand-signalling will be in operation to control movements into and out of Platforms 1, 2, 3 and 4. (Nos. 5 and 6 Platforms are under the control of Norwich Thorpe Junction signal box).

All semaphore signalling previously controlled from Norwich Thorpe Passenger Yard signal box (with the exception of the ground disc shunting signal controlling the exit from the Middle Siding which will be maintained "ON") will be abolished. The Middle Siding adjacent to No. 4 Platform line will be available for Stabling purposes. The associated points will be hand-operated.

New colour light signals exhibiting a RED aspect only will be provided at the exit from Platform lines 1, 2, 3 and 4. A White Light indicator will be provided on each of these signals and this will be illuminated whenever the points have been set for the route towards the Up Main. All exit movements from these Platform lines will be controlled by handsignalmen.

Down Main 2-aspect colour light Passenger Yard signal PY108 will be maintained at RED and replated NJ28 to form the Thorpe Junction Down Main Starting signal. The associated position light will be abolished and the route indicator will be altered to display indications 1, 2, 3 or 4. A Handsignalman will be in attendance at this signal to direct movements into the platforms according to the indication (1, 2, 3 or 4) displayed.

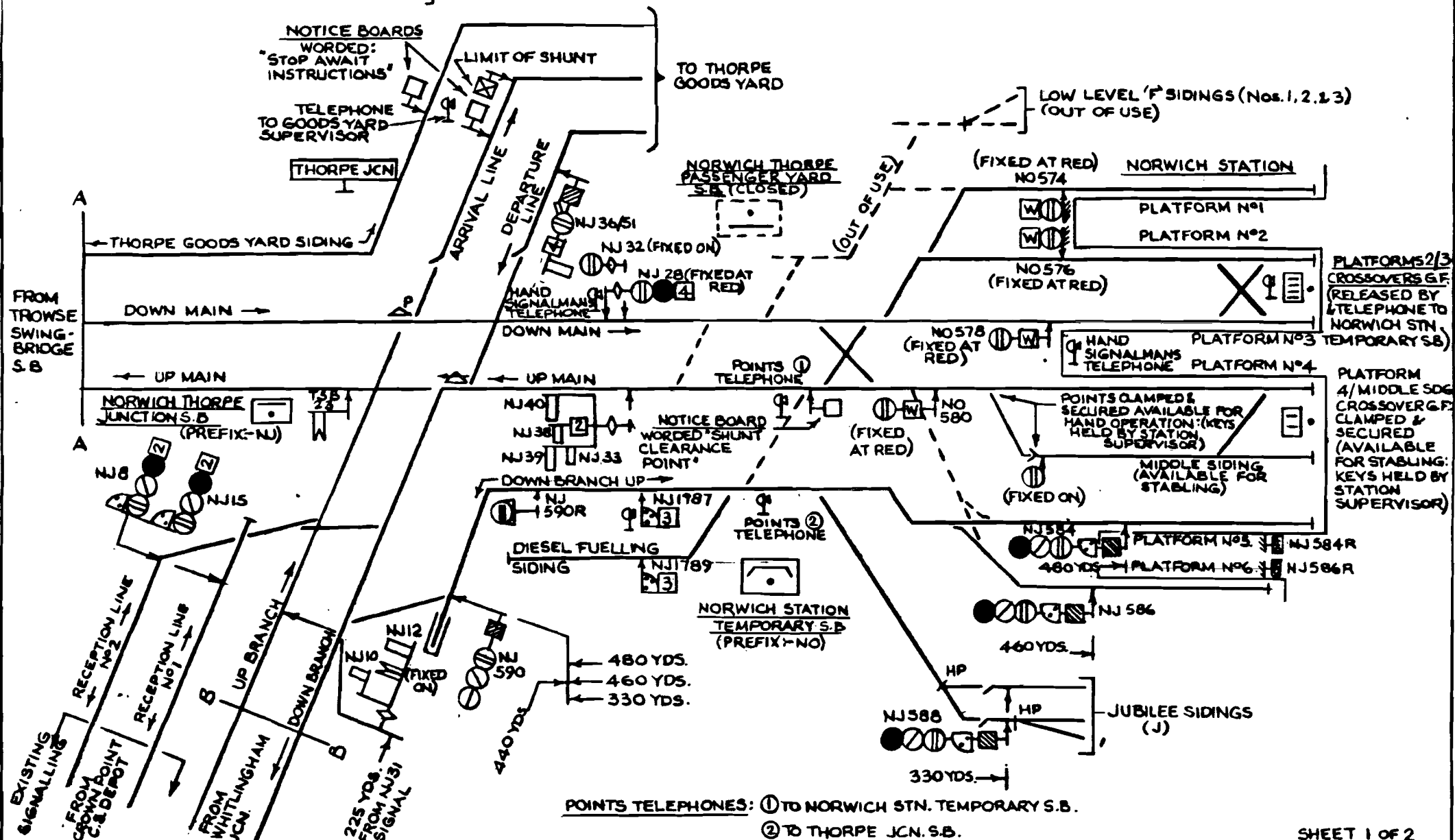
The Norwich Thorpe Junction colour light signals applying from Nos. 2 or 1 Reception lines (signals NJ8 and NJ15) will now display indication "G" applying towards Thorpe Goods Yard or indication "M" applying towards NJ28 signal. (All other associated signal routes will be abolished).

The facing points leading from Down Main to Route "F" will be secured out of use pending removal. The associated Low Level "F" Sidings Nos. 1, 2 and 3 (Royal Dock) will be taken out of use pending remodelling.

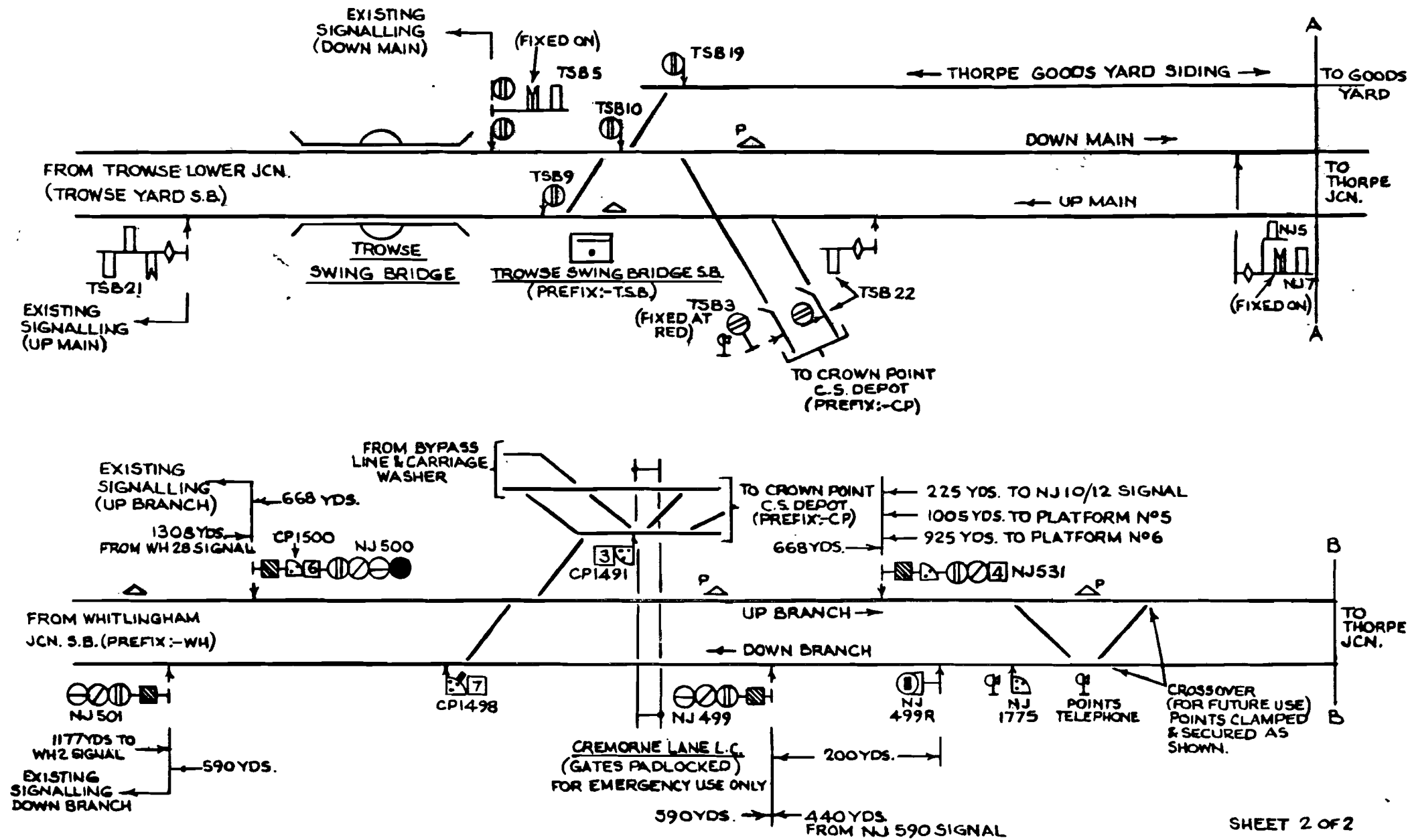
NORWICH THORPE STATION AND THORPE JUNCTION: (i) RESIGNALLING AND TRANSFER TO THORPE JCN. S.B. OF CONTROL OF PLATFORM NOS 5 & 6 - SATURDAY 25TH & SUNDAY 26TH JANUARY 1986.

[NOTES:- LINES AND CONNECTIONS SHOWN DOTTED OUT OF USE. MECHANICAL SIGNAL NUMBERS SHOWN FOR REFERENCE PURPOSES ONLY]

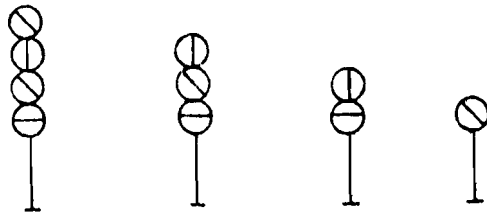
(ii) CLOSURE OF PASSENGER YARD S.B.: PLATFORM NOS 1 TO 4 CONTROLLED FROM NEW NORWICH STATION TEMPORARY S.B. WITH HAND SIGNALLING. - SATURDAY 01ST & SUNDAY 02ND FEBRUARY 1986.



NORWICH THORPE STATION AND THORPE JUNCTION: (i) RESIGNALLING AND TRANSFER TO THORPE JCN. S.B. OF CONTROL OF PLATFORM NOS 5 & 6 - SATURDAY 25TH & SUNDAY 26TH JANUARY 1986.
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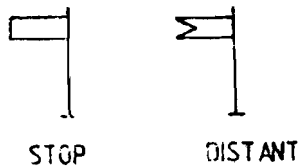
KEY TO THE SYMBOLS SHOWN ON THE DIAGRAM
FIXED SIGNALS - COLOUR LIGHT



- ⊕ GREEN ASPECT
- ⊙ YELLOW ASPECT
- ⊖ RED ASPECT
- ASPECT NOT IN USE

⊖ DOUBLE LINE DENOTES ASPECT NORMALLY DISPLAYED

FIXED SIGNALS - SEMAPHORE

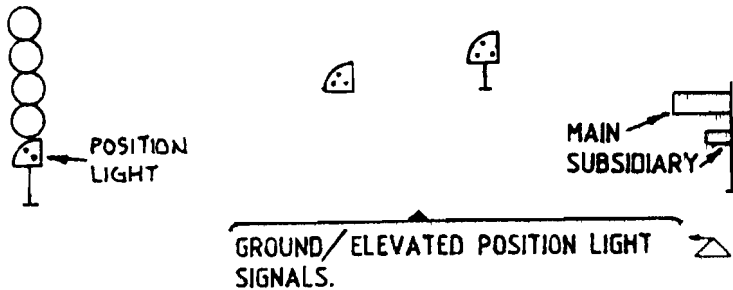


☒ CONTROLLED SIGNAL WITH TELEPHONE



REPEATING SIGNALS (CAN ALSO BE USED WITH COLOUR LIGHT SIGNALS)

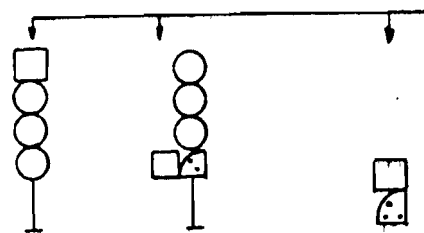
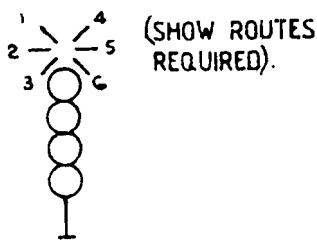
FIXED SIGNALS - POSITION LIGHT SHUNTING



AWS EQUIPMENT SUPPRESSED FOR MOVEMENTS IN OPPOSITE DIRECTION TO ARROW

- △ = A.W.S. INDUCTOR.
- △^P = A.W.S. INDUCTOR - PERMANENT MAGNET

ROUTE INDICATORS



NUMERAL INDICATES NUMBER OF ROUTES WHICH CAN BE DISPLAYED. (EXPLANATION OF ROUTES TO BE GIVEN).

POSITION OF ROUTE INDICATOR RELATIVE TO POSITION LIGHT SIGNAL TO BE SHOWN.

- ☒ = Denotes AUTOMATIC SIGNAL - The Rule Book, Section C, Clauses 2.3. & 3.3.4.
 - ☒ = Denotes SEMI-AUTOMATIC SIGNAL - The Rule Book, Section C, Clauses 2.4. & 3.3.4.
 - 3 = ROUTE INDICATOR (Numeral indicates total number of routes).
 - △ = POSITION LIGHT SIGNAL - Associated with main aspect -
 - △ = POSITION LIGHT SIGNAL - Not associated with main aspect -
- (Ground shunting signals) } The Rule Book, Section C, Clauses 3.1.3. & 5.1
- ☒ = LIMIT OF SHUNT INDICATOR - The Rule Book, Section C, Clauses 3.3.2. & 5.6.