

For the information and guidance of Railway Officers and Railway Staff only.



(NORTH EASTERN OPERATING AREA)

**SUPPLEMENTARY PROGRAMME**  
OF  
**SIGNALLING ARRANGEMENTS,**  
affecting the working of the Line  
from  
**SUNDAY, 30th MAY, 1954**

1,750

**GRANGETOWN**  
**NEW SIGNAL BOX**

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This Programme gives details of the whole of the final layout and signalling arrangements. A diagram is enclosed of the new signalling whilst in addition full detail of the reading of the signals is given.

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## GRANGETOWN

### NEW SIGNAL BOX AND SIGNALLING

A new Signal Box, situated on the Down side of the line and controlling points and signals as shown on the diagram which is attached, will replace the existing Grangetown Signal Box on completion of the work on Sunday, 30th May.

Track Circuiting will be provided as under:—

On Up Main ... ..	From 450 yards on approach side of R.108 signal up to Eston West Up Main Home Signal
On Down Main ... ..	From 464 yards on approach side of No. 101 Colour Light signal up to 440 yards beyond No. 105 Colour Light signal.
On Up Goods ... ..	From 200 yards on approach side of No. 85 Up I.C.I. Line to Up Goods Home No. 1 signal and 200 yards on approach side of No. 12 Up Beam Mill Line to Up Goods Starting signal and up to Eston West No. 4 Up Goods Home signal.
On No. 1 and No. 2 ... ..	From 350 yards on approach side of Nos. 2 and 5 Signals to a point 200 yards beyond No. 21 Signal (No. 1 Reception Line), to No. 8 Signal (Down Beam Mill Line) and to clearance points beyond junction with I.C.I. Lines
Down Goods and Down Goods.	

#### Signalling Arrangements.

##### MAIN RUNNING SIGNALS.

The Colour light signals will conform with the provisions of Rule 35 and will give indications as shewn on the accompanying diagram.

##### ROUTE INDICATORS.

The indications shewn denote:—

- M** — Main
- G** — Goods.
- B** — Beam Mill Line.

##### SUBSIDIARY SIGNALS.

Subsidiary position light signals under colour light signals will normally give no indication but the proceed aspect will be given by two white lights at an angle of 45°.

Ground subsidiary position light signals will conform with the provisions of Rule 35, but it should be specially noted that these signals will exhibit one RED and one WHITE light when in the normal position except in the case of No. 43 Up Siding Signal which will exhibit one YELLOW and one WHITE light as described in the last paragraph of Rule 47. When in the proceed position two white lights at an angle of 45° will be given.

All Calling-on signals whether position light or semaphore will shew an illuminated C when in the proceed position.

GROUND FRAMES at: South Bank Ironworks.  
Ore Sidings.  
and  
Slag Breaking Plant.

will be electrically released from the new signal box and telephone communication will be provided.

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#### PERMISSIVE BLOCK GOODS LINES BETWEEN SOUTH BANK AND TOD POINT SIGNAL BOXES

With the introduction of the new signalling, no "Warning" will be given to Drivers when the line is only clear to the next Stop signal. Subsidiary signals below Stop signals, where provided, will only be given when the line is not clear to the next Stop signal.

## GRANGETOWN

## DESCRIPTION OF SIGNALS

## Running Signals. DOWN Direction.

Signal No.	Nomenclature	Main or Sub.	Aspect displayed	Junction or Route indication	Aspects of Signal ahead R-Red, Y-Yellow, YY-Double Yellow, G-Green	Remarks
D17	DOWN MAIN Outer Distant	—	Y	—	Eston West Down Home ON	Below South Bank Down Starting
D17B	DOWN MAIN Inner Distant	—	YY G Y G	— — —	D17B at Y D17B at G 101 at R  101 at Y or G	Below Eston West Down Home
101	DOWN MAIN to Down Main Home No. 1 Down Goods Home No. 1 Down Beam Mill Home No. 1 No. 1 Reception	Main Main Main Main Small	Y G Y Y Y	— — Left 45° Left horizontal —	103 at R 103 at Y or G  — —	Telephone
102	DOWN MAIN to Down Goods Calling-on	Sub.	Illuminated C	Left 45°	—	Down Goods occupied
103	DOWN MAIN to Down Main Home No. 2 Down Goods Home No. 2 Up Siding	Main Main Main Small	Y G Y Y	— — Left 45° —	D19 at R D19 at Y or G  — —	Telephone
104	DOWN MAIN to Down Goods Calling-on	Sub.	—	Left 45°	—	Down Goods occupied
D19	DOWN MAIN Automatic	— —	Y G	— —	105 at R 105 at Y or G	Telephone
105	DOWN MAIN Starting	—	Y G	— —	Tod Point. Down Signals ON Tod point. Down Signals OFF	Telephone
RR2	No. 2 DOWN GOODS Outer Distant	—	Arm off	—	Top arm and R2 off	Below South Bank No. 2 Down Goods Starting.
R2	No. 2 DOWN GOODS Inner Distant No. 1	—	Arm off	—	Top arm and Grangetown No. 2 off	Below Eston West No. 2 Down Goods Home
2	No. 2 DOWN GOODS to Down Goods Home No. 1 Down Beam Mill Home No. 1 No. 1 Reception	Main arm Main arm Small arm	— — —	G B —	— — —	Power operated. Telephone

## Running Signals. DOWN Direction—continued

Signal No.	Nomenclature	Main or Sub.	Aspect displayed	Junction or Route indication	Aspects of Signal ahead R—Red, Y—Yellow, YY—Double Yellow, G—Green	Remarks
3	No. 2 DOWN GOODS to Down Goods Calling-on	—	Arm off and illuminated C	—	—	Power operated. Down Goods occupied
R33B	No. 2 DOWN GOODS Inner Distant No. 2	—	Arm off	—	2 and 33 OFF	Power operated
RR5	No. 1 DOWN GOODS Outer Distant	—	Arm off	—	South Bank Starting and R5 OFF	Below South Bank No. 1 Down Goods Starting
R5	No. 1 DOWN GOODS Inner Distant No. 1	—	Arm off	—	Eston West Home and Grangetown No. 5 OFF	Below Eston West. No. 1 Down Goods Home
5	No. 1 DOWN GOODS to Down Goods Home No. 1	Main arm	—	G	—	Power operated. Telephone
	Down Beam Mill Home No. 1	Main arm	—	B	—	
	No. 1 Reception	Small arm	—	—	—	
6	No. 1 DOWN GOODS to Down Goods Calling-on	—	Arm off and illuminated C	—	—	Power operated Down Goods occupied
R33A	No. 1 DOWN GOODS Inner Distant No. 2	—	Arm off	—	5 and 33 OFF	
33	DOWN GOODS to	—	Arm off and Y	G	48 at R	
	Down Goods Home No. 2	—	Arm off and G	G	48 at Y or G	
	Down Main Home No. 2	—	Arm off and Y	M	—	
34	DOWN GOODS to Up Siding	Small arm	—	—	—	
48	DOWN GOODS to Down Goods Home No. 3	—	Arm off and Y	G	76, 78 ON	
	Down Main Home No. 3	—	Arm off and G	G	76 or 78 OFF	
	Down Main Home No. 3	—	Arm off and Y	M	—	
49	DOWN GOODS Calling-on	—	Arm off & Illuminated C	—	—	Down Goods occupied
76	DOWN GOODS to Down I.C.I. Line Starting	—	—	—	—	Telephone
78	DOWN GOODS Starting	—	—	—	—	
79	DOWN GOODS Calling-on	—	Arm off & Illuminated C	—	—	Down Goods occupied.
8	DOWN BEAM MILL LINE Starting	—	—	—	—	

## Running Signals. UP Direction.

Signal No.	Nomenclature	Main or Sub.	Aspect displayed	Junction or Route indication	Aspects of Signal ahead R-Red, Y-Yellow, YY-Double Yellow, G-Green	Remarks
R108	UP MAIN Distant	—	Y	—	108 at R	Controlled by Tod Point as Up Starting
		—	G	—	108 at Y or G	
108	UP MAIN Outer Home	—	Y	—	110 at R	Telephone
		—	G	—	110 at Y, YY or G	
110	UP MAIN to Up Main Home No. 1	Main	Y	—	111 at R	Telephone
		Main	YY	—	111 at Y	
		Main	G	—	111 at YY or G	
	Up Goods Home No. 1	Main	Y	Right 45°	—	
	Up Reception No. 1	Small	Y	—	—	
	Up Reception No. 2	Small	Y	—	—	
109	UP MAIN to Up Goods Calling-on	Sub	Illuminated C	Right 45°	—	Up Goods occupied
111	UP MAIN Home No. 2	Main	Y	—	112 at R	Telephone
		Main	YY	—	112 at Y	
		Main	G	—	112 at G	
112	UP MAIN Starting	Main	Y	—	Eston West	Telephone
		—	G	—	Up Home ON Eston West Up Home OFF	
84	UP I.C.I. LINE Outer Distant	—	—	—	85 OFF	Power operated
85	UP I.C.I. LINE to Up Goods Home No. 1	—	—	—	—	Telephone
83	UP I.C.I. LINE to Up Goods Calling-on	—	Arm off & Illuminated C	—	—	Up Goods occupied
62	UP I.C.I. LINE Inner Distant	—	—	—	85 and 63 OFF	
63	UP GOODS to Up Main Home No. 2	—	Arm off and Y	M	—	
	Up Goods Home No. 2	—	Arm off and Y	G	15 ON	
		—	Arm off and G	G	15 OFF	
61	UP GOODS Calling-on	—	Arm off & Illuminated C	—	—	Up Goods occupied
60	UP GOODS to No. 1 Reception	—	—	—	—	
	No. 2 Reception	—	—	—	—	
15	UP GOODS to Up Main Starting	—	—	M	—	Telephone
	Up Goods Starting	—	—	G	—	
14	UP GOODS Calling-on	—	Arm off & Illuminated C	—	—	Up Goods occupied

## Running Signals. UP Direction—continued

Signal No.	Nomenclature	Main or Sub.	Aspect displayed	Junction or Route indication	Aspects of Signal ahead R—Red, Y—Yellow, YY—Double Yellow, G—Green	Remarks
—	UP GOODS Distant (Eston West)	—	—	—	15 and Eston West Home OFF	
12	UP BEAM MILL LINE to Up Main Starting Up Goods Starting	— —	— —	M G	— —	Telephone
11	UP BEAM MILL LINE Calling-on	—	Arm off and Illumin- ated C	—	—	Up Goods occupied
—	UP GOODS Distant (Eston West)	—	—	—	12 and Eston West Home OFF	
21	No. 1 RECEPTION Line to Up Main Starting Up Goods Starting	— —	— —	M G	— —	Telephone
20	No.1 RECEPTION LINE to Up Goods Calling-on	—	Arm off and Illumin- ated C	—	—	Up Goods occupied
—	UP GOODS Distant (Eston West)	—	—	—	21 and Eston West Home OFF	

## SUBSIDIARY SIGNALS

Signal	Nomenclature	Type	Remarks
16	Shunting Up Goods to No. 1 Reception, Down Beam Mill Line or Down Goods	Ground Position Light	—
18	Shunting Down Goods to Up Main or Up Goods	Ground Position Light	—
24	No. 1 Reception Line Down Direction	Semaphore	Controlled by Ore Sidings G.F.
25	No. 1 Reception Line Up Direction	Semaphore	—
27	Shunting No. 2 Reception to Shunt Spur or Down Goods	Ground Disc	—
29	Shunting Shunt Spur to No. 1 and 2 Receptions	Ground Disc	—
30	Shunting No. 1 Reception to Shunt Spur or Down Goods	Semaphore	—
32	Shunting Down Goods to No. 1 and 2 Receptions	Ground Disc.	—
41	Shunting Up Main to Up Siding	Ground Position Light	—
43	Shunting Up Siding to Up Main	Ground Position Light	Yellow and white normal lights
77	Shunting Down I.C.I. Line to Wilton Tip, etc.	Ground Position Light	—
81	Shunting Down Goods to Up Goods	Ground Position Light	—

## N.B. ESTON WEST SIGNALLING

The diagram shows a Ground Colour Light with subsidiary signal on the Up Goods (to replace existing semaphore), and new Calling-on signals under No. 1 and No. 2 Down Goods Home signals at Eston West.

**These signals will not be provided at this stage.**

THIS NOTICE MUST BE KEPT FOR FUTURE REFERENCE

19th May, 1954

O.8870/8397

**A. P. HUNTER,**  
Divisional Operating Superintendent,  
YORK.

*Receipt of this notice must be acknowledged.*

Advise your Superior Officer by telegram as follows:—"DERWENT SUPP. SIG. PROG".

