

BRITISH RAILWAYS

(WESTERN REGION)

(For the use of Employees only)

Notice to Traincrews, etc.

RESIGNALLING BETWEEN ABERCYNON AND ABERDARE (CYNON VALLEY LINE)

**To apply from 0600 hours
Monday 9 October 1989**

SIGNALLING RECORD SOCIETY

www.s-r-s.org.uk

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ABERCYNON TO ABERDARE RESIGNALLING

Between 2000 hours Saturday 30 September and 0600 hours Monday 9 October 1989 (or completion), S&T and Civil Engineers departments' staff will be carrying out the work detailed in this Notice. Refer also to the attached diagram.

Redundant Signalling

Abercwmboi signal box will be taken out of use, and all equipment worked therefrom will be recovered. Abercynon Down Branch reflectorised distant board, together with the "Stop" boards at Aberdare ground frame, will be removed.

New Signalling and Method of Working

New signalling will be commissioned as shown on the diagram, all controlled from Abercynon signal box (signal prefix letter 'A'). A list of applicable indications is shown for any signal having more than one route.

AWS, suppressed for movements in the opposite direction as appropriate, will be provided at all new main aspect signals.

The existing method of working between Abercynon and Abercwmboi (electric token), and between Abercwmboi and Aberdare ("no signalman" token) will be withdrawn and Track Circuit Block working introduced throughout between Abercynon and Aberdare ground frame.

The section of line between Aberdare ground frame and the "Stop" boards at Aberdare old station will be transferred to the Abercynon Signalman's responsibility.

Permanent Way

At Abercwmboi, the Up Loop will become part of the Single line and therefore will be the normal route for through movements in both directions.

Ground frames

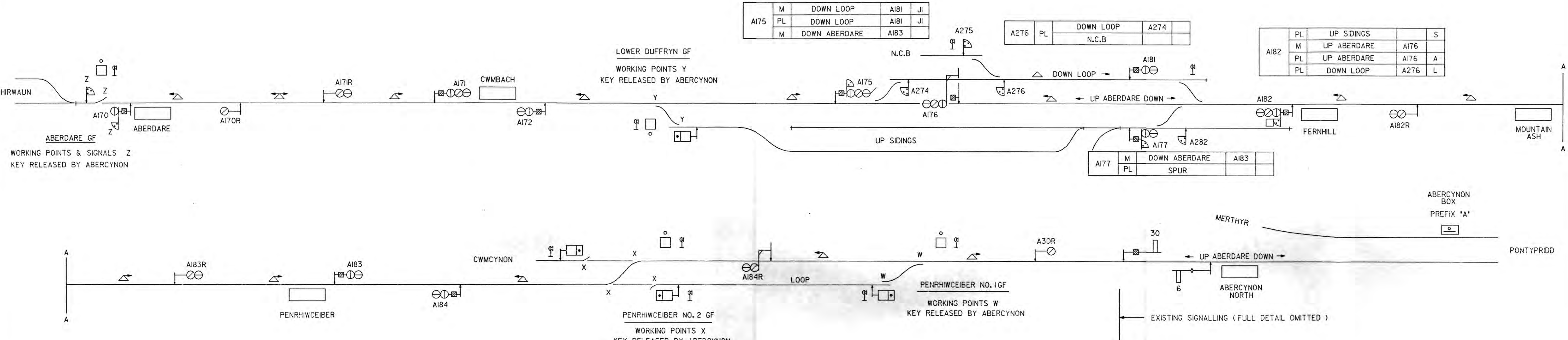
The ground frames at Aberdare, Lower Duffryn, and Penrhiwceiber Nos 1 and 2 will be converted to release by Annetts Key. Release instruments, controlled from Abercynon, will be provided at each ground frame, and will be housed in vandal-resistant cabinets unlocked by BR No. 1 key.

Power-operated Points

All points worked from Abercynon signal box shown on the diagram will be fitted with Westinghouse Style 63 point machines; instructions for manual operation in an emergency will be issued separately. Crank handles will be kept at Abercynon signal box and issued by the Signalman when necessary.

Telephones

All new stop signals will be equipped with signal post telephones. Other telephones will be provided as shown on the diagram, communicating with Abercynon signalbox. All telephones will be housed in "vandal-resistant" cabinets, unlocked by BR No. 1 key. Telephones provided at ground frames will be housed in the same cabinets as the Annetts key instruments.



A175	M	DOWN LOOP	A181	J1
	PL	DOWN LOOP	A181	J1
	M	DOWN ABERDARE	A183	

A276	PL	DOWN LOOP	A274	
		N.C.B		

A182	PL	UP SIDINGS		S
	M	UP ABERDARE	A176	
	PL	UP ABERDARE	A176	A
	PL	DOWN LOOP	A276	L

A177	M	DOWN ABERDARE	A183	
	PL	SPUR		

WORKING POINTS & SIGNALS Z
KEY RELEASED BY ABERCYNON

LOWER DUFFRYN GF
WORKING POINTS Y
KEY RELEASED BY ABERCYNON

PENRHIWCEIBER NO. 2 GF
WORKING POINTS X
KEY RELEASED BY ABERCYNON

PENRHIWCEIBER NO. 1 GF
WORKING POINTS W
KEY RELEASED BY ABERCYNON

EXISTING SIGNALLING (FULL DETAIL OMITTED)

SYMBOLS & NOTES

- STOP BOARD 'STOP & TELEPHONE'
- MECHANICAL GROUND FRAME
- JUNCTION INDICATOR
- GREEN ASPECT
- YELLOW ASPECT
- RED ASPECT
- SIGNAL TELEPHONE
- AWS (ARROW SHOWS DIRECTION EFFECTIVE)
- POSITION LIGHT (GROUND SHUNT)
- TELEPHONE TO ABERCYNON BOX
- ROUTE INDICATOR
- POSITION LIGHT

ROUTING OF SIGNALS - HEADINGS FOR COLUMNS

SIGNAL NO.	DESTINATION	SIGNAL AHEAD
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TYPE OF ASPECT
M = MAIN
PL = POSITION LIGHT

INDICATION OF ROUTE
JI = JUNCTION INDICATOR
SINGLE LETTER = AS DISPLAYED
BY LUMINOUS ROUTE INDICATOR

ABERCYNON - ABERDARE RESIGNALLING