

Cardiff Area Signalling Renewals

Phase 1

Barry Junction – Bridgend



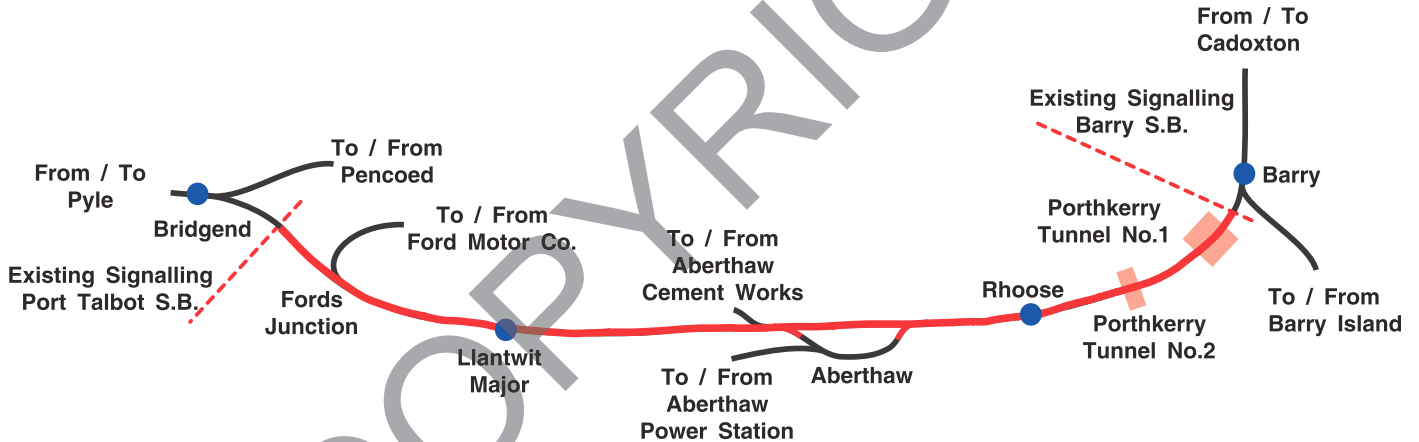


Cardiff Area Signalling Renewals (CASR)

- Phase 1
GW870 Barry Junction – Bridgend



Controlled by South Wales Control Centre
All new signals prefixed CF



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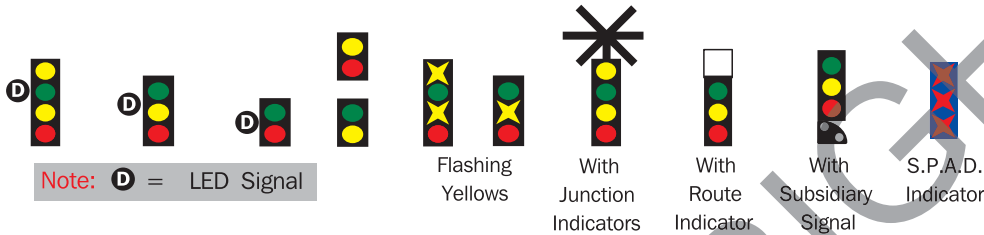
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Legend

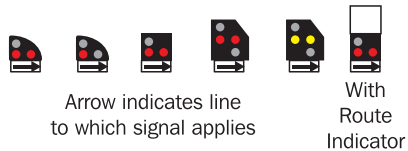
Colour Light Signals



Semaphore Signals



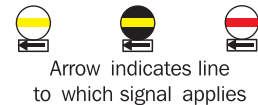
Ground Position Light Signals



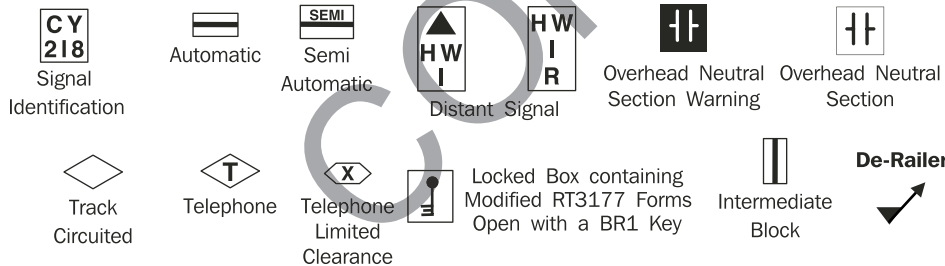
Banner Repeaters



Shunting Signals



Signal Plates



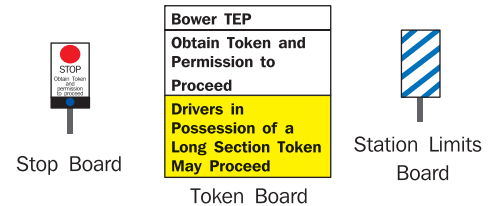
Stop Boards



Limit of Shunt Indicators

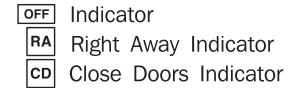
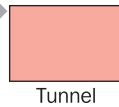
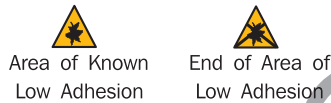
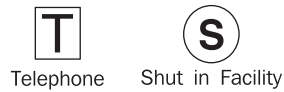
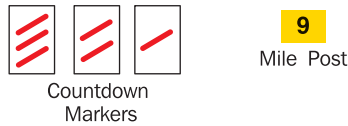
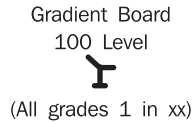
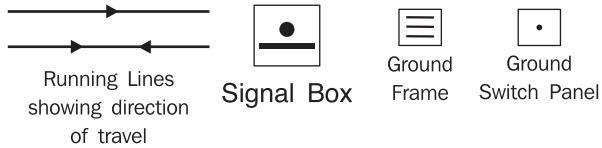


Radio Electric Token Block Signals

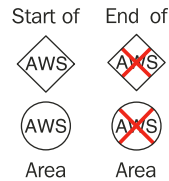


Legend


General Information



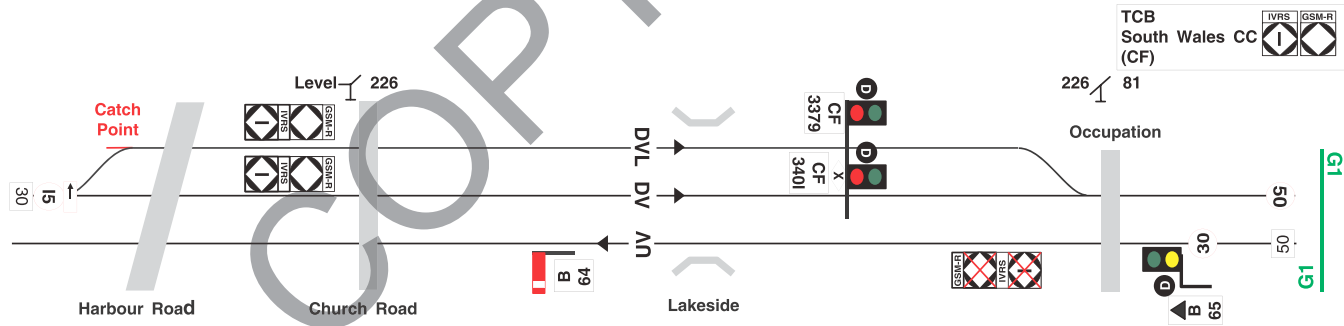
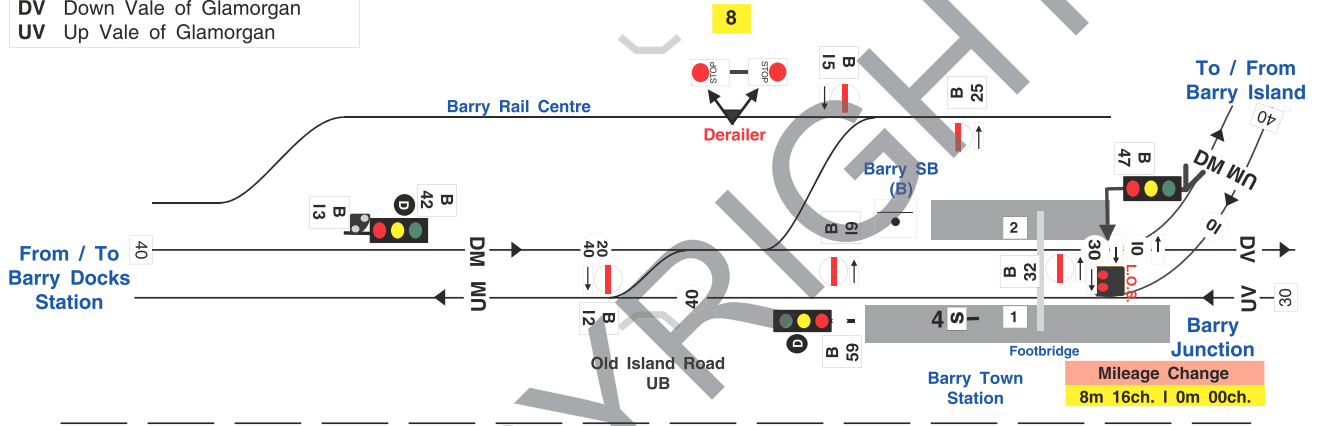
Permanent Speed Restrictions




- DM Down Main
- UM Up Main
- DVL Down Vale of Glamorgan Loop
- DV Down Vale of Glamorgan
- UV Up Vale of Glamorgan

Note:  = LED Signal

TCB
Barry SB
(B)

TCB
South Wales CC
(CF)

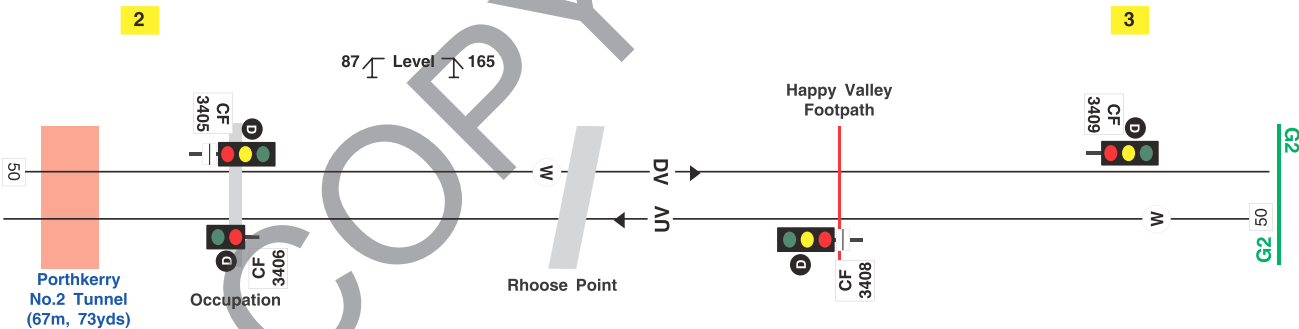
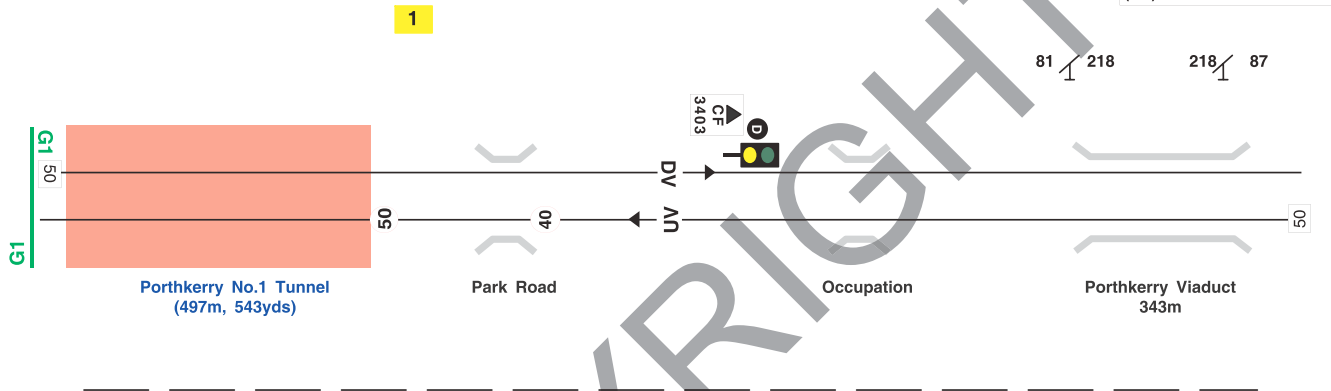


DV Down Vale of Glamorgan
 UV Up Vale of Glamorgan

Note: **D** = LED Signal

T.A.P.M.121.0.0.0.1.GW870 2012

TCB	IVRS	GSM-R
South Wales CC	1	
(CF)		



DV Down Vale of Glamorgan
 UV Up Vale of Glamorgan

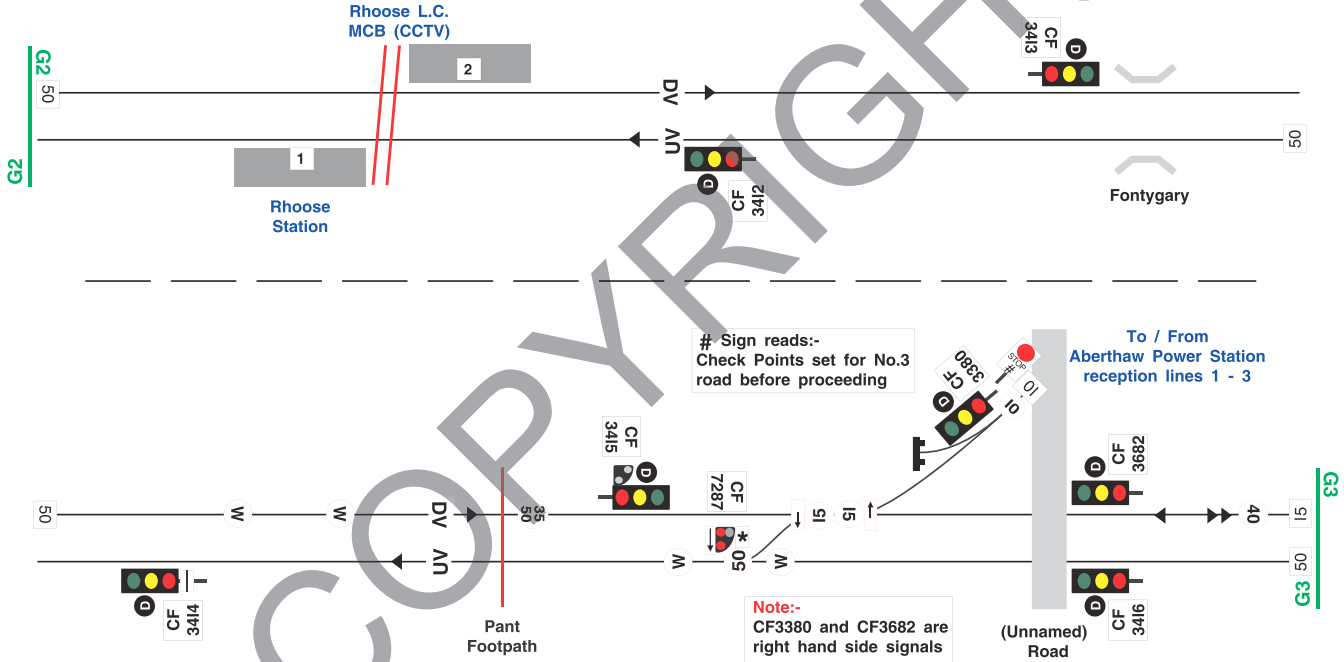
Note: **D** = LED Signal

* = See Table of Routes

T.A.P.M.121.0.0.0.1.GW870 2012

TCB
 South Wales CC
 (CF)

4



DV Down Vale of Glamorgan
 UV Up Vale of Glamorgan

Note: **D** = LED Signal

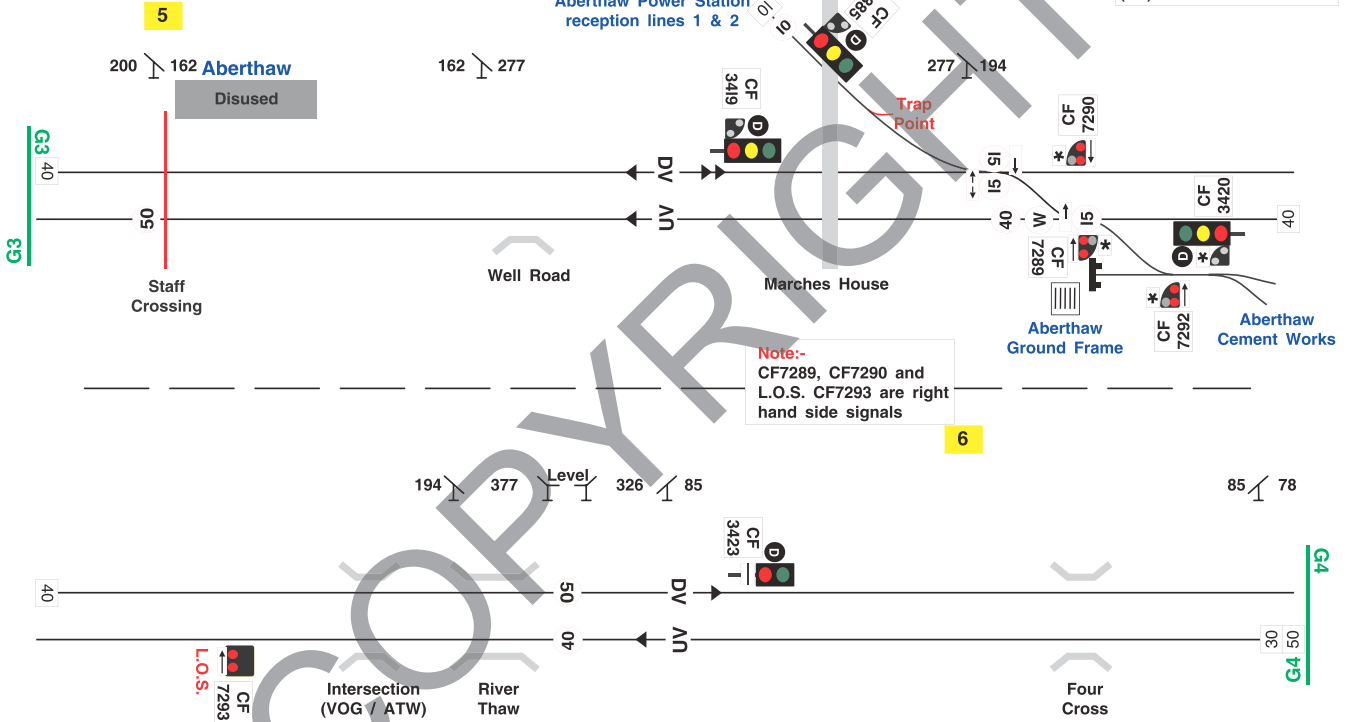
* = See Table of Routes

T.A.P.M.121.0.0.0.1.GW870 2012

TCB
 South Wales CC
 (CF)



To / From
 Aberthaw Power Station
 reception lines 1 & 2



Note:-
 CF7289, CF7290 and
 L.O.S. CF7293 are right
 hand side signals

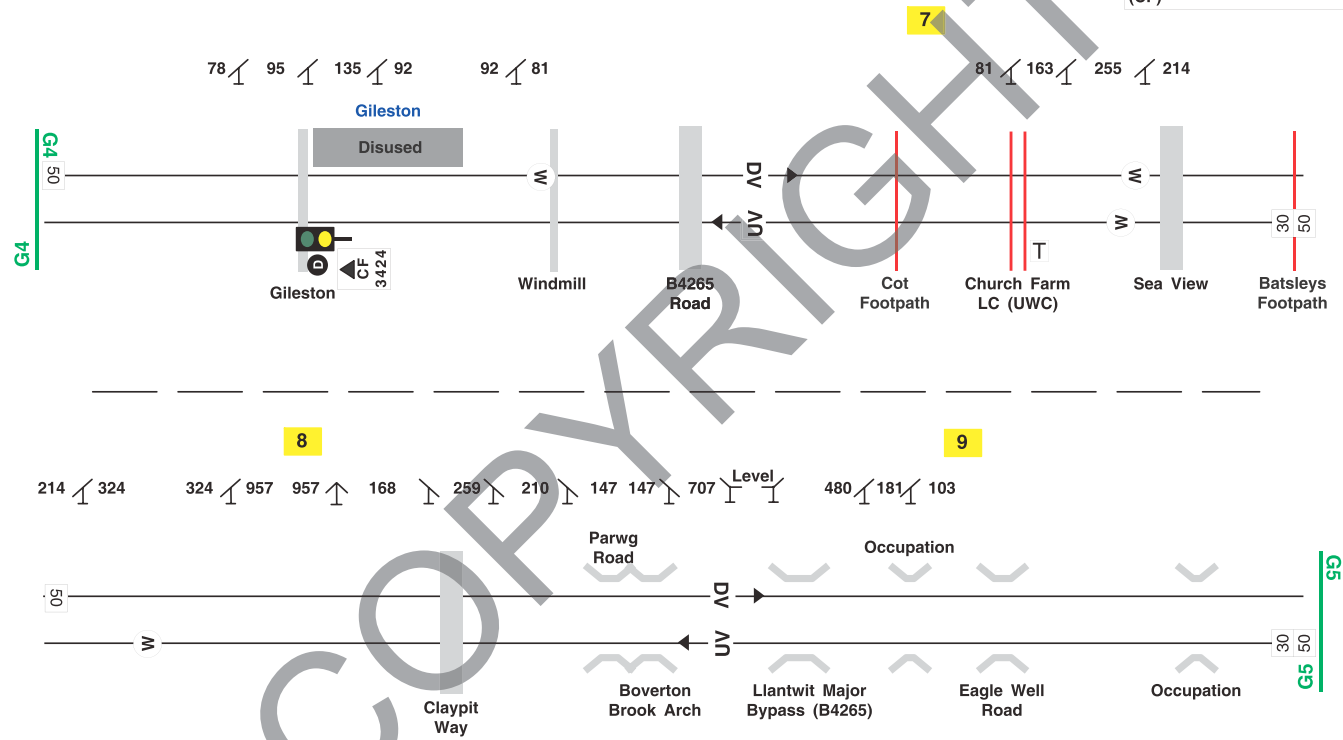
DV Down Vale of Glamorgan
 UV Up Vale of Glamorgan

Note: **D** = LED Signal

T.A.P.M.121.0.0.0.1.GW870 2012

TCB
 South Wales CC
 (CF)

IWRS	GSM-R
1	1



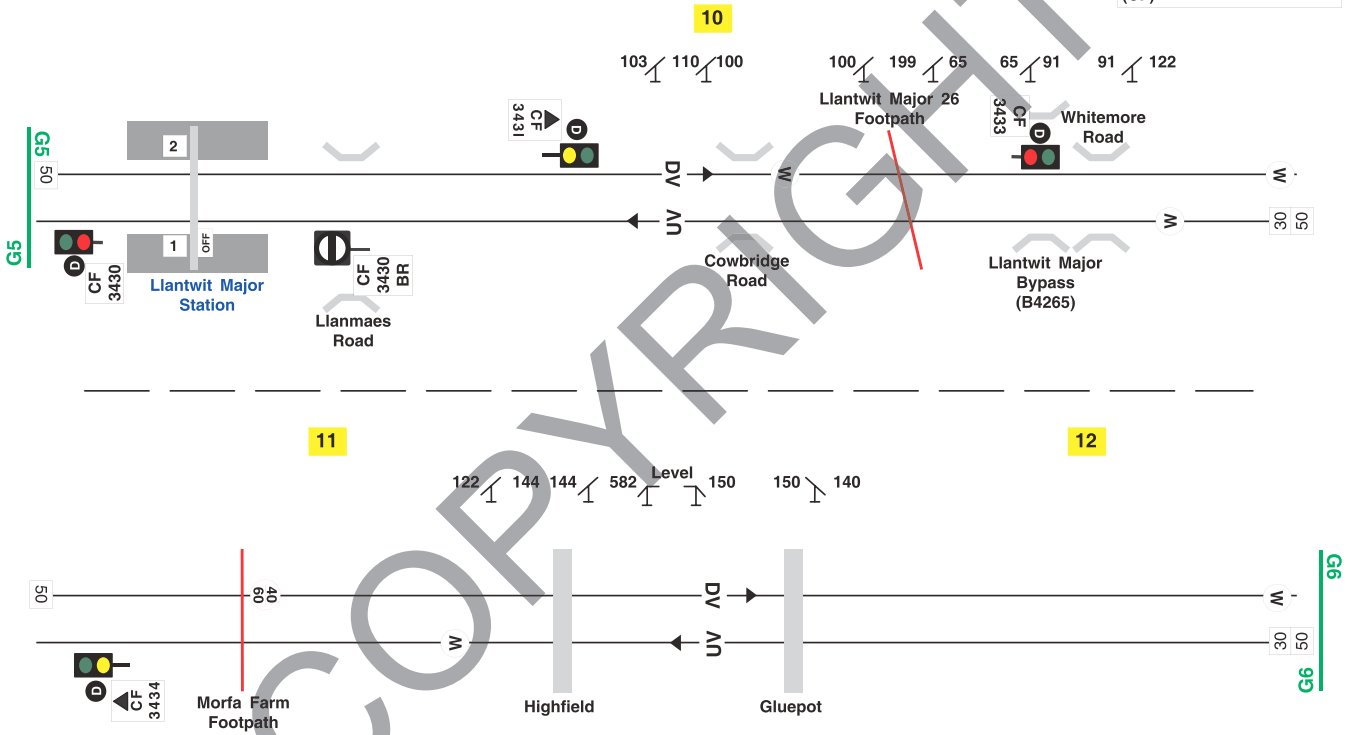
DV Down Vale of Glamorgan
 UV Up Vale of Glamorgan

Note: **D** = LED Signal

T.A.P.M.121.0.0.0.1.GW870 2012

TCB
 South Wales CC
 (CF)

IVRS	GSM-R
1	

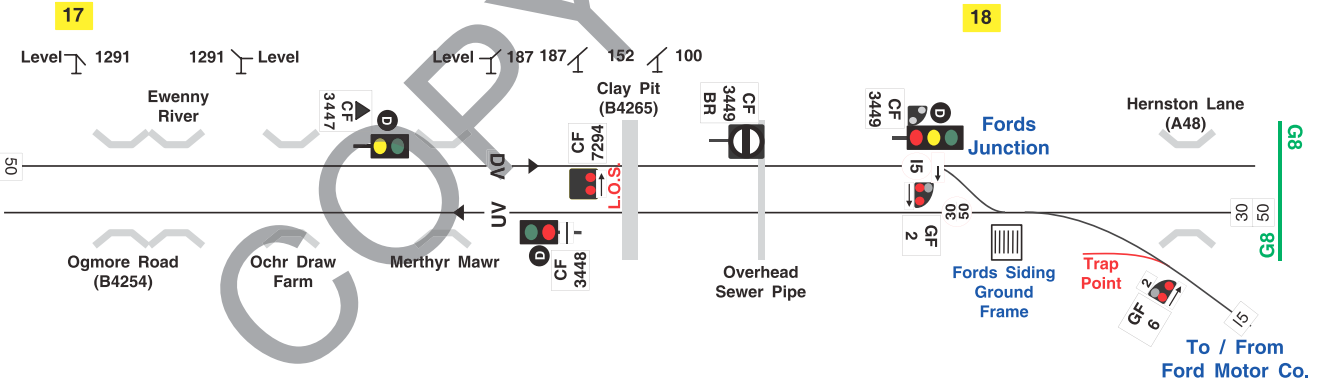
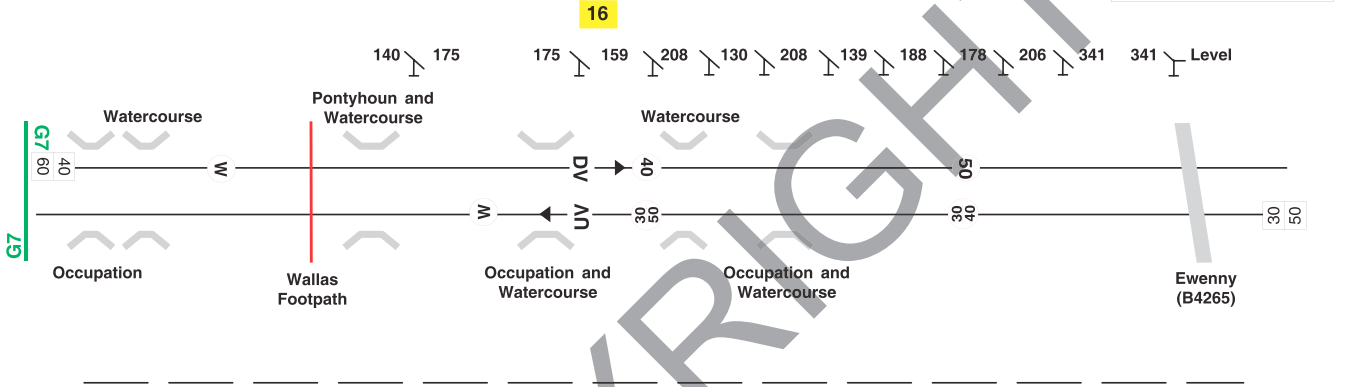


DV Down Vale of Glamorgan
 UV Up Vale of Glamorgan

Note: **D** = LED Signal

T.A.P.M.121.0.0.1.GW870 2012

TCB
 South Wales CC
 (CF)

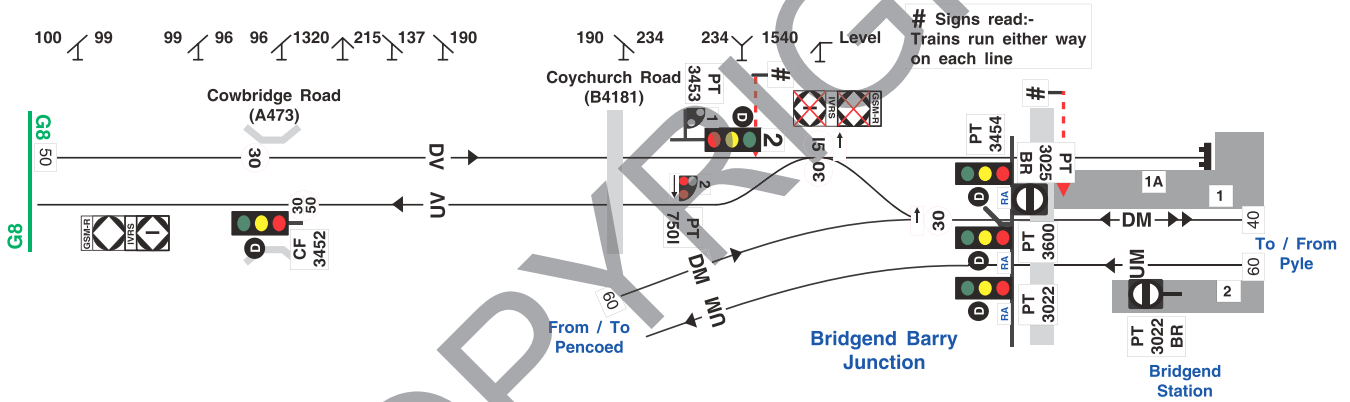


DV Down Vale of Glamorgan
 UV Up Vale of Glamorgan
 DM Down Main
 UM Up Main

Note: **D** = LED Signal

T.A.P.M.121.0.0.0.1.GW870/GW900 2012

TCB
 Port Talbot SB
 (PT) 



Tables of Routes

The following lists of signal routes show all routes from

- signals from which there is more than one route
- signals which are capable of giving any route indications
- all position-light signals

DOWN DIRECTION

Signal Number	Aspect	Route Indication Displayed	Route	Exit Signal
CF3415	PL	Nil	Aberthaw Power Station	Stop Board
	M	Nil	Down Vale of Glamorgan	CF3419
CF7287	PL	P	Aberthaw Power Station	Stop Board
	PL	D	Down Vale of Glamorgan	CF3419
	PL	X	Up Vale of Glamorgan	CF7289
CF3385	M	Nil	Down Vale of Glamorgan	CF3423
	PL	Nil	Up Vale of Glamorgan	CF7289
CF3419	M	Nil	Down Vale of Glamorgan	CF3423
	PL	Nil	Up Vale of Glamorgan	CF7289
CF7289	PL	X	Up Vale of Glamorgan (Limit of Shunt)	CF7293
	PL	C	Aberthaw Cement Works	–
CF3449	M	Nil	Down Vale of Glamorgan	PT3453
	PL	Nil	Fords Siding	–

'M' indicates a main aspect

'PL' indicates Position Light Shunt aspect

Items in the 'Route Indication Displayed' column specify a route indicator display or an illuminated Junction Indicator position

Signal Number	Aspect	Route Indication Displayed	Route	Exit Signal
PT3453	M	B	Down Bay	–
	PL	B	Down Bay	–
	M	D	Down Main	PT3025
PT7501	PL	B	Down Bay	–
	PL	D	Down Main	PT3025
GF2	PL	Nil	Fords Siding	–

UP DIRECTION

Signal Number	Aspect	Route Indication Displayed	Route	Exit Signal
GF6	PL	U	Up Vale of Glamorgan	CF3448
	PL	X	Down Vale of Glamorgan (Limit of Shunt)	CF7294
CF3420	M	Nil	Up Vale of Glamorgan	CF3416
	PL	X	Down Vale of Glamorgan	CF3682
	PL	P	Aberthaw Power Station	–
CF7290	PL	X	Down Vale of Glamorgan	CF3682
	PL	P	Aberthaw Power Station	–
CL7292	PL	U	Up Vale of Glamorgan	CF3416
	PL	X	Down Vale of Glamorgan	CF3682
	PL	P	Aberthaw Power Station	–

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