

# Train Service Requirements

## Wales & Borders Rail Service and South Wales Metro Weekdays TSR 1b December 2021 SX

Confidentiality	TBC
Version	Final
Date	5/23/2018

## Wales and Borders Rail and South Wales

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### Train Service Requirement tables - Guidance notes

This note accompanies the Train Service Requirement (TSR). The TSR sets out the minimum level of service to be provided.

The TSR tables in this file relate to the standard Weekdays service. Separate TSRs will be provided for:

- Weekdays
- Saturdays
- Sundays

The TSR represents the minimum number of direct services required to be operated between specified stations during a specified time interval.

The TSR also specifies the latest time at which the first train between two stations must operate, and the earliest time at which the last train between two stations must operate.

The Wales and Borders (W&B) network has been divided into nine geographic route sections:

- West of Cardiff, between Cardiff and Swansea via the South Wales Main Line (SWML) including the Maesteg branch;
- West of Swansea, comprising the SWML west of Swansea, including the Pembroke Dock and Fishguard branches
- Heart of Wales Line between Swansea and Shrewsbury;
- Cardiff Valley Lines, north of Cardiff sections;
- Cardiff Valley Lines, south of Cardiff sections, including the City Line serving Radyr and the Vale of Glamorgan Line serving Rhoose and Bridgend;
- East of Cardiff, comprising the route between Cardiff and Gloucester / Cheltenham and the Marches route between Cardiff, Chester and Manchester;
- Cambrian, between Birmingham and Aberystwyth and the Cambrian Coast line serving Pwllheli;
- North Wales, between Manchester, Llandudno and Holyhead, including the Blaenau Ffestiniog branch and services between Crewe and Chester and between Liverpool and Chester; and
- Borderlands, between Wrexham and Bidston.

Additionally, services which continue through key locations are specified in a separate worksheet titled "Through Services".

To reflect varying levels of demand over the day and consequential variations in level of service, the numbers of calls have been specified using the following time periods:

- Early morning (02:00 – 06:59);
- Morning peak (07:00 – 09:59);
- Daytime between the peaks (10:00 – 15:59);
- Evening peak (16:00 – 18:59);
- Late evening (19:00 – 21:59); and
- Night (22:00 – 01:59).

In some cases, services do not appear numerically in the tables but are included as a note in column O.

Each station on a route has the number of services specified to or from a 'key' station. The 'key' station is specified in the table header. The time intervals relate to arrival or departure times at that 'key' station. The first and last trains also refer to the key station unless otherwise stated in column O.

The key stations used are:

- Cardiff Central (CDF)
- Cardiff Bay (CDB)
- Swansea (SWA)
- Wrexham General (WRX)
- Shrewsbury (SHR)
- Chester (CHR)
- Carmarthen (CMN)
- Machynlleth (MCN)
- Llandudno Junction (LLJ)
- Liverpool Lime Street (LIV)
- Manchester Piccadilly (MAN)
- Birmingham New Street (BHM)

#### Compliance and Flexibility

Services are allocated to a time band based on the exact time to the nearest full minute using "Public Times" that the service arrives or departs the key station as specified in each individual table. Services may be deemed compliant if within 10 minutes earlier or later than the specified time band, although use of such 'flex' should be minimised. The total quantum of services allocated to each time band must remain compliant with that stated in the TSR tables. Where services are not compliant, they will be deemed non-compliant.

First and Last train times are specified using "Public Times". Services will be deemed compliant if within 10 minutes earlier or later than the specified time. Again, use of the 10 minute flex should be minimised.

#### Bank Holidays

On Bank Holidays a weekday service shall operate on all routes

On Christmas Day there is no requirement to run a service

On Boxing Day there is no requirement to run a service

The service level may be reduced after 19:00 on 24th December and 31st December and before 10:00 on 1st January

**End**

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The Franchise Operator shall or shall procure that on each of the following Passenger Services on-train catering facilities will be provided at the times and for the parts of such services specified below.

For the avoidance of doubt, this obligation shall apply to Passenger Services where the scheduled time of departure from the origin station is within the times set out below.

On-train catering facilities shall include as a minimum the provision of hot and cold drinks, sandwiches and snacks. Where a hot meal is specified this must include the availability of a hot cooked meal (breakfast or dinner as appropriate), which may be pre-

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### Birmingham - North Wales

Scheduled departures on Mondays-Fridays before 0759 to be covered from Chester to Llandudno Junction

Scheduled departures on Mondays-Fridays 0800-0959 to be covered from Birmingham International to Shrewsbury

Scheduled departures on Mondays-Fridays 1000-1159 to be covered from Birmingham International to Holyhead

Scheduled departures on Mondays-Fridays 1200-1459 to be covered from Birmingham International to Shrewsbury and from Chester to Holyhead

Scheduled departures on Mondays-Fridays 1500-1659 to be covered from Birmingham International to Chester

### North Wales - Birmingham

Scheduled departures on Mondays-Friday between 09.00 and 1559 to be covered between Holyhead and Chester

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### Birmingham - Aberystwyth

Scheduled departures on Mondays-Friday between 09.00 and 18.00 to be covered Birmingham International to Aberystwyth.

### Aberystwyth - Birmingham

Scheduled departures on Mondays-Friday between 09.00 and 18.00 to be covered Aberystwyth to Birmingham International

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### Aberystwyth - Shrewsbury

Scheduled departures on Mondays-Friday between 06.00 and 19.00 to be covered between Aberystwyth and Shrewsbury

### Shrewsbury - Aberystwyth

Scheduled departures on Mondays-Friday between 06.00 and 19.00 to be provided between Shrewsbury and Aberystwyth

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### North Wales- Manchester

Scheduled departures on Mondays-Friday between 08.00 and 18.00 to be covered throughout

### Manchester - North Wales

Scheduled departures on Mondays-Friday between 05.00 and 18.00 to be covered throughout

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### North Wales - Cardiff

Scheduled departures on Monday - Friday between 08:00 and 18:00 to be covered Llandudno Junction to Newport. Holyhead to Llandudno Junction not required unless connecting from a ferry in Summer

*One service arriving at Cardiff between 0930 and 0959 and one service arriving at Cardiff between 2000 and 2159 shall include the availability of hot meals.*

### Cardiff - North Wales

Scheduled departures on Monday - Friday between 08:00 and 18:00 to be covered Newport - Llandudno Junction. Llandudno Junction to Holyhead not required unless connecting with a ferry in Summer

*One service departing Cardiff between 0600 and 0759 and one service departing Cardiff between 1700 and 1759 shall include the availability of hot meals*

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### Cardiff - Manchester

Scheduled departures on Mondays-Friday between 06.30 and 18.00 to be covered from Cardiff Central to Manchester

### Manchester- Cardiff

Scheduled departures on Mondays-Friday between 06.30 and 18.00 to be covered from Manchester to Cardiff Central

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### Carmarthen - Swansea

Scheduled departures on Monday - Friday between 08:00 and 18:00 to be covered throughout

### Swansea - Carmarthen

Scheduled departures on Monday - Friday between 08:00 and 18:00 to be covered throughout

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### Cardiff - Swansea

Scheduled departures on Mondays-Friday between 06.30 and 18.00 to be covered for services which originated from Shrewsbury or beyond.

### Swansea - Cardiff

Scheduled departures on Mondays-Friday between 06.30 and 18.00 to be covered for services which run to Shrewsbury or beyond.

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### Milford Haven - Carmarthen

3 services per day to be covered Mondays to Friday

### Carmarthen - Milford Haven

3 services per day to be covered Mondays to Friday

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### Carmarthen - Fishguard Harbour

1 service per day to be covered Mondays to Friday

### Fishguard Harbour - Carmarthen

1 service per day to be covered Mondays to Friday

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### Heart of Wales

1 service in each direction between Swansea and Llandrindod Wells and 1 service in each direction between Swansea and Llanwyrtd to be covered Mondays to Fridays

**End**

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Services are specified in the TSR tables to and from key stations. A number of services are also required to run beyond the key station shown in the TSR table, thus providing direct links between stations elsewhere on the network. These "Through" services are detailed below:

### Manchester - Shrewsbury - Cardiff Central

A minimum of 15 direct services per day shall be provided northbound between Cardiff Central and Manchester Piccadilly. As a minimum these services will call at Cardiff Central, Newport, Shrewsbury and Crewe.

A minimum of 15 direct services per day shall be provided southbound between Manchester Piccadilly and Cardiff Central. As a minimum these services will call at Crewe, Shrewsbury, Newport and Cardiff Central.

### North Wales – Cardiff Central

A minimum of 8 direct services per day shall be provided northbound between Cardiff Central and Llandudno Junction. As a minimum these services will call at Newport, Shrewsbury, Wrexham and Chester.

A minimum of 8 direct services per day shall be provided southbound between Llandudno Junction and Cardiff Central. As a minimum these services will call at Chester, Wrexham, Shrewsbury and Newport

*At least 7 services northbound and 7 southbound shall also extend to/from Holyhead, calling, as a minimum, at Bangor.*

*One northbound service shall depart Cardiff between 1700 and 1759 and shall have a journey time between Cardiff and Holyhead of no more than 4hr 30min*

*One southbound service shall arrive at Cardiff between 0930 and 0959 and shall have a journey time between Holyhead and Cardiff of no more than 4hr 25min*

*From December 2019, one northbound service shall depart Cardiff between 0600 and 0759 and shall have a journey time between Cardiff and Holyhead of no more than 4hr 30min*

*From December 2019, one southbound service shall arrive at Cardiff between 2000 and 2159 and shall have a journey time between Holyhead and Cardiff of no more than 4hr 25min*

*These services shall include Business Class, catering should include the availability of hot meals.*

### Swansea Extensions

12 direct services per direction per day shall be provided between Swansea and Chester or Manchester.

### Birmingham – North Wales

A minimum of 5 direct services per day shall be provided northbound between Birmingham New Street and Llandudno Junction. As a minimum these services will call at Shrewsbury, Wrexham and Chester.

A minimum of 5 direct services per day shall be provided southbound between Llandudno Junction and Birmingham New Street. As a minimum these services will call at Chester, Wrexham and Shrewsbury.

*At least 4 services northbound and 4 southbound shall also extend to/from Holyhead, calling, as a minimum, at Bangor.*

*At least 4 services northbound and 4 southbound shall also extend from/to Birmingham International.*

### Conwy Valley

A minimum of 5 direct services per day shall be provided northbound between Blaenau Ffestiniog and Llandudno. These services will call at all stations. One of these five may terminate at Llandudno Junction provided that there is a connection within 10 minutes for Llandudno.

A minimum of 5 direct services per day shall be provided southbound between Llandudno and Blaenau Ffestiniog. These services will call at all stations. One of these five may commence from Llandudno Junction provided that there is a connection within 10 minutes from Llandudno.

### **Cambrian Line**

A minimum of 12 direct services per day shall be provided eastbound between Aberystwyth and Shrewsbury. As a minimum, these services shall call at Machynlleth.

A minimum of 12 direct services per day shall be provided westbound between Shrewsbury and Aberystwyth. As a minimum, these services shall call at Machynlleth.

*At least 8 services westbound and 8 eastbound shall also extend from/to Birmingham New Street, calling, as a minimum, at Wolverhampton.*

*Of the 8 Birmingham New Street services, at least 7 services westbound and 7 eastbound shall also extend from/to Birmingham International.*

A minimum of 5 direct services westbound and 4 direct services eastbound shall be provided per day between Pwllheli and Birmingham New Street. A further direct service shall be provided eastbound between Barmouth and Birmingham New Street.

As a minimum, these services shall call at Machynlleth, Shrewsbury and Wolverhampton and may join or split from Aberystwyth - Birmingham New Street services at Machynlleth.

*During the winter period, the number of through services between Pwllheli and Birmingham New Street may be reduced to 3 westbound and 4 eastbound.*

### **Manchester – North Wales**

A minimum of 13 direct services per day shall be provided eastbound between Llandudno Junction and Manchester Piccadilly. As a minimum these services will call at Chester, Warrington Bank Quay and Manchester Oxford Road.

A minimum of 13 direct services per day shall be provided westbound between Manchester Piccadilly and Llandudno Junction. As a minimum these services will call at Manchester Oxford Road, Warrington Bank Quay and Chester.

*At least 2 services westbound and 2 eastbound shall also extend to/from Holyhead, calling, as a minimum, at Bangor.*

*At least 7 services westbound/northbound and 7 eastbound/southbound shall also extend from/to Manchester Airport.*

*1 eastbound service may omit a station call at Manchester Oxford Road*

### **West Wales – Carmarthen – Swansea - Cardiff Central**

A minimum of 18 direct services westbound shall be provided per day between Swansea and stations west of Carmarthen. Of these services:

*5 shall run to Pembroke Dock, calling, as a minimum, at Tenby and 1 to Tenby;*

*9 shall run to Milford Haven; and*

*3 shall run to Fishguard Harbour. (1 service may omit a station call at Carmarthen)*

A direct service shall be provided between Swansea and Fishguard Harbour providing a connection with the afternoon ferry to Rosslare Harbour.

A direct service shall be provided between Carmarthen and Fishguard Harbour providing a connection with the nighttime ferry to Rosslare Harbour.

A minimum of 18 direct services eastbound shall be provided per day between stations west of Carmarthen and Swansea. Of these services:

*6 shall run from Pembroke Dock, calling, as a minimum, at Tenby and 1 from Tenby;*

*8 shall run from Milford Haven; and*

*2 shall run from Fishguard Harbour.*

A direct service shall be provided between Fishguard Harbour and Cardiff Central providing a connection with the morning ferry from Rosslare Harbour.

A direct service shall be provided between Fishguard Harbour and Swansea providing a connection with the evening ferry from Rosslare Harbour.

**End**

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**Journey Times for Through Services**

Journey times						
From	To	Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
Cardiff Central	Crewe	20	191	20 services from Cardiff Central to Crewe shall have a journey time of no more than 191 minutes	15	169
Cardiff Central	Manchester Piccadilly	16	216	16 services from Cardiff Central to Manchester Piccadilly shall have a journey time of no more than 216 minutes	12	208
Manchester Piccadilly	Cardiff Central	15	238	15 services from Manchester Piccadilly to Cardiff Central shall have a journey time of no more than 238 minutes	12	213
Crewe	Cardiff Central	18	382	18 services from Crewe to Cardiff Central shall have a journey time of no more than 382 minutes	14	181
Cardiff Central	Wrexham	8	174	8 services from Cardiff Central to Wrexham shall have a journey time of no more than 174 minutes	6	164
Cardiff Central	Chester	11	194	11 services from Cardiff Central to Chester shall have a journey time of no more than 194 minutes	9	189
Cardiff Central	Llandudno Junction	8	258	8 services from Cardiff Central to Llandudno Junction shall have a journey time of no more than 258 minutes	6	249
Cardiff Central	Bangor	7	283	7 services from Cardiff Central to Bangor shall have a journey time of no more than 283 minutes	6	262
Cardiff Central	Holyhead	7	313	7 services from Cardiff Central to Holyhead shall have a journey time of no more than 313 minutes	6	304
Holyhead	Cardiff Central	8	303	8 services from Holyhead to Cardiff Central shall have a journey time of no more than 303 minutes	6	299
Bangor	Cardiff Central	8	272	8 services from Bangor to Cardiff Central shall have a journey time of no more than 272 minutes	6	258
Llandudno Junction	Cardiff Central	9	254	9 services from Llandudno Junction to Cardiff Central shall have a journey time of no more than 254 minutes	7	240
Chester	Cardiff Central	9	199	9 services from Chester to Cardiff Central shall have a journey time of no more than 199 minutes	7	180
Wrexham	Cardiff Central	9	184	9 services from Wrexham to Cardiff Central shall have a journey time of no more than 184 minutes	7	164
Swansea	Shrewsbury	14	195	14 services from Swansea to Shrewsbury shall have a journey time of no more than 195 minutes	11	188
Swansea	Crewe	16	311	16 services from Swansea to Crewe shall have a journey time of no more than 311 minutes	12	226
Swansea	Manchester Piccadilly	12	273	12 services from Swansea to Manchester Piccadilly shall have a journey time of no more than 273 minutes	9	263
Manchester Piccadilly	Swansea	12	303	12 services from Manchester Piccadilly to Swansea shall have a journey time of no more than 303 minutes	9	276
Crewe	Swansea	16	316	16 services from Crewe to Swansea shall have a journey time of no more than 316 minutes	12	245
Shrewsbury	Swansea	15	223	15 services from Shrewsbury to Swansea shall have a journey time of no more than 223 minutes	12	199
Birmingham New Street	Wrexham	9	100	9 services from Birmingham New Street to Wrexham shall have a journey time of no more than 100 minutes	6	99
Birmingham New Street	Chester	10	123	10 services from Birmingham New Street to Chester shall have a journey time of no more than 123 minutes	8	121
Birmingham New Street	Llandudno Junction	7	182	7 services from Birmingham New Street to Llandudno Junction shall have a journey time of no more than 182 minutes	6	176
Birmingham New Street	Bangor	5	203	5 services from Birmingham New Street to Bangor shall have a journey time of no more than 203 minutes	4	202
Birmingham New Street	Holyhead	5	237	5 services from Birmingham New Street to Holyhead shall have a journey time of no more than 237 minutes	5	237
Holyhead	Birmingham New Street	5	252	5 services from Holyhead to Birmingham New Street shall have a journey time of no more than 252 minutes	4	251
Bangor	Birmingham New Street	5	213	5 services from Bangor to Birmingham New Street shall have a journey time of no more than 213 minutes	4	211
Llandudno Junction	Birmingham New Street	5	190	5 services from Llandudno Junction to Birmingham New Street shall have a journey time of no more than 190 minutes	4	187
Chester	Birmingham New Street	7	130	7 services from Chester to Birmingham New Street shall have a journey time of no more than 130 minutes	6	121
Wrexham	Birmingham New Street	7	110	7 services from Wrexham to Birmingham New Street shall have a journey time of no more than 110 minutes	5	107
Blaenau Ffestiniog	Llandudno	5	86	5 services from Blaenau Ffestiniog to Llandudno shall have a journey time of no more than 86 minutes	4	84
Llandudno	Blaenau Ffestiniog	5	86	5 services from Llandudno to Blaenau Ffestiniog shall have a journey time of no more than 86 minutes	4	85
Aberystwyth	Shrewsbury	12	116	12 services from Aberystwyth to Shrewsbury shall have a journey time of no more than 116 minutes	11	114
Aberystwyth	Birmingham New Street	8	185	8 services from Aberystwyth to Birmingham New Street shall have a journey time of no more than 185 minutes	8	185
Birmingham New Street	Aberystwyth	11	196	11 services from Birmingham New Street to Aberystwyth shall have a journey time of no more than 196 minutes	7	181
Shrewsbury	Aberystwyth	12	120	12 services from Shrewsbury to Aberystwyth shall have a journey time of no more than 120 minutes	10	116
Pwelli	Shrewsbury	5	239	5 services from Pwelli to Shrewsbury shall have a journey time of no more than 239 minutes	4	227
Pwelli	Birmingham New Street	5	311	5 services from Pwelli to Birmingham New Street shall have a journey time of no more than 311 minutes	4	301
Birmingham New Street	Pwelli	5	300	5 services from Birmingham New Street to Pwelli shall have a journey time of no more than 300 minutes	4	299
Shrewsbury	Pwelli	5	237	5 services from Shrewsbury to Pwelli shall have a journey time of no more than 237 minutes	4	235
Manchester Piccadilly	Chester	21	71	21 services from Manchester Piccadilly to Chester shall have a journey time of no more than 71 minutes	17	68
Manchester Piccadilly	Llandudno Junction	13	125	13 services from Manchester Piccadilly to Llandudno Junction shall have a journey time of no more than 125 minutes	11	122
Llandudno Junction	Manchester Piccadilly	15	135	15 services from Llandudno Junction to Manchester Piccadilly shall have a journey time of no more than 135 minutes	12	125
Chester	Manchester Piccadilly	21	76	21 services from Chester to Manchester Piccadilly shall have a journey time of no more than 76 minutes	16	68
Fishguard Harbour	Swansea	2	122	2 services from Fishguard Harbour to Swansea shall have a journey time of no more than 122 minutes	1	99
Milford Haven	Swansea	8	109	8 services from Milford Haven to Swansea shall have a journey time of no more than 109 minutes	6	107
Pembroke Dock	Swansea	7	154	7 services from Pembroke Dock to Swansea shall have a journey time of no more than 154 minutes	6	139
Swansea	Fishguard Harbour	4	118	4 services from Swansea to Fishguard Harbour shall have a journey time of no more than 118 minutes	3	111
Swansea	Milford Haven	9	118	9 services from Swansea to Milford Haven shall have a journey time of no more than 118 minutes	7	114
Swansea	Pembroke Dock	5	146	5 services from Swansea to Pembroke Dock shall have a journey time of no more than 146 minutes	4	144
Fishguard Harbour	Cardiff Central	2	182	2 services from Fishguard Harbour to Cardiff Central shall have a journey time of no more than 182 minutes	1	153
Milford Haven	Cardiff Central	8	176	8 services from Milford Haven to Cardiff Central shall have a journey time of no more than 176 minutes	6	170
Cardiff Central	Fishguard Harbour	1	172	1 services from Cardiff Central to Fishguard Harbour shall have a journey time of no more than 172 minutes	1	172
Cardiff Central	Milford Haven	9	198	9 services from Cardiff Central to Milford Haven shall have a journey time of no more than 198 minutes	7	190
Cardiff Central	Pembroke Dock	1	216	1 services from Cardiff Central to Pembroke Dock shall have a journey time of no more than 216 minutes	1	216

End



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**The following stations are to be assumed to be request stops wherever a train is nominated to stop**

Abererch  
Bodorgan  
Broome  
Builth Road  
Bynea  
Cilmeri  
Clarbeston Road  
Clunderwen  
Conwy  
Cynghordy  
Deganwy  
Dolgarrog  
Dolwyddelan  
Dyffryn Ardudwy  
Fairfach  
Ferryside  
Garth (Powys)  
Gilfach Fargoed (until station is closed as part of CVL transformation)  
Glan Conwy  
Hawarden Bridge  
Hopton Heath  
Johnston  
Kidwelly  
Kilgetty  
Lamphey  
Llanaber  
Llanbedr  
Llanbister Road  
Llandanwg  
Llandecwyn  
Llanfairfechan  
Llanfairpwll  
Llangammarch  
Llangennech  
Llangynllo  
Llwyngwriil  
Morfa Mawddach  
Narberth  
North Llanwrst  
Penally  
Penhelig  
Penmaenmawr  
Pensarn  
Pen-y-bont

Penychain  
Pontarddulais  
Pont-y-pant  
Prees  
Rhosneigr  
Roman Bridge  
Saundersfoot  
Sugar Loaf  
Talsarnau  
Talybont  
Tonfanau  
Ty Croes  
Valley  
Wrenbury  
Yorton

**End**

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**Cardiff West Departures**

Station	A	B	C	Early departure from CDF to stn no later than	Late departure from CDF to stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Cardiff Central	CDF							3	9	18	8	6	3	47		
Pontyclun	PYC			5:35	23:15			1	3	6	5	3	2	20		
Llanharan	LLR			5:35	23:15			1	3	6	4	3	2	19		
Pencoed	PCD			5:35	23:15			1	3	6	5	3	2	20		
Bridgend	BGN			5:35	23:15			3	9	18	8	6	3	47		
Wildmill	WMI			5:55	22:35			1	3	6	3	3	1	17		
Sarn	SRR			5:55	22:35			1	3	6	3	3	1	17		
Tondu	TDU			5:55	22:35			1	3	6	3	3	1	17		
Garth Mid Glam	GMG			5:55	22:35			1	3	6	3	3	1	17		
Maesteg Eweny Rd	MEW			5:55	22:35			1	3	6	3	3	1	17		
Maesteg	MST			5:55	22:35			1	3	6	3	3	1	17		
Pyle	PYL			5:35	23:15			2	3	3	4	2	1	15		
Port Talbot Parkway	PTA			5:35	23:15			2	4	10	4	3	2	25		
Baglan	BAJ			5:35	23:15			2	3	3	2	1	1	12		
Briton Ferry	BNF			5:35	23:15			2	3	3	2	1	1	12		
Neath	NTH			5:35	23:15			2	4	10	4	3	1	24	<i>1 additional call to be provided FO by a service departing CDF 22:00:0159</i>	
Skewen	SKE			5:35	23:15			2	3	3	2	1	1	12		
Llansamlet	LAS			5:35	23:15			2	3	3	2	1	1	12		
Swansea	SWA			5:35	23:15			2	4	10	4	3	1	24	<i>1 additional call to be provided FO by a service departing CDF 22:00:0159</i>	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	
47	34	47 services from Cardiff Central to Bridgend shall have a journey time of no more than 34 minutes	35	28	Of which 35 services shall have a journey time of no more than 28 minutes
17	61	17 services from Cardiff Central to Maesteg shall have a journey time of no more than 61 minutes	14	57	Of which 14 services shall have a journey time of no more than 57 minutes
24	79	24 services from Cardiff Central to Swansea shall have a journey time of no more than 79 minutes	18	70	Of which 18 services shall have a journey time of no more than 70 minutes

End

**Wales and Borders Rail and South Wales Metro**

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**Cardiff West Arrivals**

Station	A	B	C	Early arrival at CDF from Stn no later than	Late arrival at CDF from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Swansea	SWA			7:47	23:39			0	4	10	5	2	3	24	
Llansamlet	LAS			7:47	23:39			0	1	3	3	1	2	10	
Skewen	SKE			7:47	23:39			0	1	3	3	1	2	10	
Neath	NTH			7:47	23:39			0	4	9	5	2	3	23	
Briton Ferry	BNF			7:47	23:39			0	1	3	3	1	2	10	
Baglan	BAJ			7:47	23:39			0	1	3	3	1	2	10	
Port Talbot Parkway	PTA			6:47	23:39			1	4	9	5	2	3	24	
Pyle	PYL			6:47	23:39			1	3	3	3	1	2	13	
Maesteg	MST			7:35	23:10			0	2	6	3	3	2	16	
Maesteg Eweny Rd	MEW			7:35	23:10			0	2	6	3	3	2	16	
Garth Mid Glam	GMG			7:35	23:10			0	2	6	3	3	2	16	
Tondu	TDU			7:35	23:10			0	2	6	3	3	2	16	
Sarn	SRR			7:35	23:10			0	2	6	3	3	2	16	
Wildmill	WMI			7:35	23:10			0	2	6	3	3	2	16	
Bridgend	BGN			6:47	23:40			1	8	21	10	5	5	50	Excludes services via RIA
Pencoed	PCD			6:47	23:10			1	4	6	3	3	2	19	
Llanharan	LLR			6:47	23:10			1	3	6	3	3	2	18	
Pontyclun	PYC			6:47	23:10			1	4	6	3	3	2	19	
Cardiff Central	CDF							1	8	21	10	5	5	50	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
24	74	24 services from Swansea to Cardiff Central shall have a journey time of no more than 74 minutes	19	69	Of which 19 services shall have a journey time of no more than 69 minutes
16	60	16 services from Maesteg to Cardiff Central shall have a journey time of no more than 60 minutes	12	55	Of which 12 services shall have a journey time of no more than 55 minutes
50	37	50 services from Bridgend to Cardiff Central shall have a journey time of no more than 37 minutes	37	28	Of which 37 services shall have a journey time of no more than 28 minutes

End

**Wales and Borders Rail and South Wales Metro**

Weekdays TSR 1b December 2021 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

**Cardiff South Departures**

Station				Early departure from CDF to stn no later than	Late departure from CDF to stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations				
	A	B	C					D	E	F	G	H	I	J		K	L	M	N
												0200 - 0659	0700 - 0959	1000 - 1559		1600 - 1859	1900 - 2159	2200 - 0159	Total Day
Cardiff Central	CDF	dep						9	30	60	28	16	6	149					
Ninian Park	NNP		5:35	22:55				2	6	12	6	3	1	30	Up to 2 services may depart CDF 0200-0659 towards BGN via main line				
Waungron Park	WNG		7:06	22:55				0	6	12	6	3	1	28					
Fairwater	FRW		7:06	22:55				0	6	12	6	3	1	28					
Danescourt	DCT		7:06	22:55				0	6	12	6	3	1	28					
Radyr	RDR		7:06	22:55				0	6	12	6	3	1	28	Stopping services on City Line via FRW only				
Grange town (Cardiff)	GTN		5:20	23:30				9	23	48	22	13	5	120					
Dingle Road	DGL		5:55	23:10				3	11	24	10	7	2	57					
Penarth	PEN		5:55	23:10				3	11	24	10	7	2	57					
Cogan	CGN		5:20	23:30				6	12	24	12	6	3	63					
Eastbrook	EBK		5:20	23:30				6	12	24	12	6	3	63					
Dinas Powys	DNS		5:20	23:30				6	12	24	12	6	3	63					
Cadoxton	CAD		5:20	23:30				6	12	24	12	6	3	63					
Barry Docks	BYD		5:20	23:30				6	12	24	12	6	3	63					
Barry	BRY		5:20	23:30				6	13	24	12	6	3	64					
Barry Island	BYI		5:20	23:30				4	9	18	9	3	2	45					
Rhose Cardiff International A/RIA			5:42	22:40				2	3	6	3	3	1	18					
Llantwit Major	LWM		5:42	22:40				2	3	6	3	3	1	18					
Bridgend	BGN	arr	5:42	22:40				2	3	6	3	3	1	18	Services via RIA only				

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
U				
28	23	28 services from Cardiff Central to Radyr shall have a journey time of no more than 23 minutes	22	19
				Of which 22 services shall have a journey time of no more than 19 minutes
57	16	57 services from Cardiff Central to Penarth shall have a journey time of no more than 16 minutes	57	16
				Of which 57 services shall have a journey time of no more than 16 minutes
45	31	45 services from Cardiff Central to Barry Island shall have a journey time of no more than 31 minutes	45	31
				Of which 45 services shall have a journey time of no more than 31 minutes
18	61	18 services from Cardiff Central to Bridgend shall have a journey time of no more than 61 minutes	17	59
				Of which 17 services shall have a journey time of no more than 59 minutes

End

**Wales and Borders Rail and South Wales Metro**

Weekdays TSR 1b December 2021 SX  
 Confidentiality: TBC  
 Version: Final  
 Date: 5/23/2018

**Cardiff South Arrivals**

Station	A	B	C	Early arrival at CDF from Stn no later than	Late arrival at CDF from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Bridgend	BGN			6:40	23:43			1	3	6	3	3	2	18	Services via RIA only
Llantwit Major	LWM			6:40	23:43			1	3	6	3	3	2	18	
Rhosee Cardiff International / RIA				6:40	23:43			1	3	6	3	3	2	18	
Barry Island	BYI			5:45	23:13			3	8	18	9	5	2	45	
Barry	BRY			5:45	23:43			4	12	24	12	8	4	64	
Barry Docks	BYD			5:45	23:43			4	12	24	12	8	4	64	
Cadoxton	CAD			5:45	23:43			4	12	24	12	8	4	64	
Dinas Powys	DNS			5:45	23:43			4	12	24	12	8	4	64	
Eastbrook	EBK			5:45	23:43			4	12	24	12	8	4	64	
Cogan	CGN			5:45	23:43			4	12	24	12	8	4	64	
Penarth	PEN			6:15	23:40			2	11	24	11	6	3	57	
Dingle Road	DGL			6:15	23:40			2	11	24	11	6	3	57	
Grange town (Cardiff)	GTN			5:45	23:43			6	23	48	23	14	7	121	
Radyr	RDR			7:20	22:20			0	6	12	6	3	1	28	Stopping services on City Line via FRW only
Danescourt	DCT			7:20	22:20			0	6	12	6	3	1	28	
Fairwater	FRW			7:20	22:20			0	6	12	6	3	1	28	
Waugron Park	WNG			7:20	22:20			0	6	12	6	3	1	28	
Ninian Park	NNP			7:20	22:55			0	6	12	6	3	4	31	Up to 3 services may arrive at CDF 22:00-01:59 from BGN via main line
Cardiff Central	CDF							6	29	60	29	17	8	149	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
18	68	18 services from Bridgend to Cardiff Central shall have a journey time of no more than 68 minutes	16	59	Of which 16 services shall have a journey time of no more than 59 minutes
45	32	45 services from Barry Island to Cardiff Central shall have a journey time of no more than 32 minutes	42	31	Of which 42 services shall have a journey time of no more than 31 minutes
57	16	57 services from Penarth to Cardiff Central shall have a journey time of no more than 16 minutes	53	14	Of which 53 services shall have a journey time of no more than 14 minutes
28	21	28 services from Radyr to Cardiff Central shall have a journey time of no more than 21 minutes	25	18	Of which 25 services shall have a journey time of no more than 18 minutes

End

**Wales and Borders Rail and South Wales Metro**

Weekdays TSR 15 December 2021 SK  
 Confidentiality: TBC  
 Version: Final  
 Date: 12/12/2021

**Cardiff North Departures**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by WAB services departing from CDF during given timeband unless otherwise stated												Notes on additional requirements for number of calls at Station and direct links to other stations					
								Early departure from CDB to Stn no later than		Late departure from CDB no earlier than		Early departure from CDB no later than		Late departure from CDB no earlier than		0559 - 0659		0700 - 0859			1900 - 2159		2200 - 0159		Total Day
								H	I	J	K	L	M	N	O	P	Q	R	S		T	U	V	W	
Cardiff Central	CDF							14	36	77	34	10	9	182	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CDF to GWH calling off stations. A minimum of 28 additional services per day.										
Cardiff Bay	CDB					6:42	23:50	2	15	30	15	15	10	87	Services departing CDB to CDQ										
Cardiff Queen St	CDQ	5:36	23:25					14	35	69	34	10	9	179	Excludes services from and departures to CDA. From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CDF to GWH calling off stations. A minimum of 28 additional services per day.										
Heath Low Level	HLL	5:59	23:20					3	6	12	6	2	1	30											
Ty Glas	TGS	5:59	23:20					3	6	12	6	2	1	30											
Bethelwyn	BGC	5:59	23:20					3	6	12	6	2	1	30											
Rhonda	RHI	5:59	23:20					3	6	12	6	2	1	30											
Whitchurch (Cardiff)	WHT	5:59	23:20					3	6	12	6	2	1	30											
Coyton	COY	5:59	23:20					3	6	12	6	2	1	30											
Heath High Level	HHL	5:46	23:15					3	11	24	11	6	3	58	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CDF to GWH calling off stations. A minimum of 28 additional services per day.										
Llansamlet	LLS	5:46	23:15					3	11	24	11	6	3	58	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CDF to GWH calling off stations. A minimum of 28 additional services per day.										
Llansamlet and Thornhill	LVT	5:46	23:15					3	11	24	11	6	3	58	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CDF to GWH calling off stations. A minimum of 28 additional services per day.										
Caerphilly	CPH	5:46	23:15					3	11	24	11	6	3	58	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CDF to GWH calling off stations. A minimum of 28 additional services per day.										
Aber	ABE	6:15	23:15					2	11	24	11	4	2	54											
Berwyn & L.C.R.	BCP	7:17	23:15					0	5	12	6	2	2	20											
Llantrisant	LNB	6:15	23:15					2	11	24	11	4	2	54											
Tremadur	YDM	6:15	23:15					2	11	24	11	4	2	54											
Heogend	HYG	6:15	23:35					2	11	24	10	3	1	51											
Paragon	PGM	6:15	23:35					2	11	24	10	3	1	51											
Griffith Furgod	GFF	8:01	23:35					0	3	6	3	1	1	18											
Bagoed	BGD	6:15	23:35					2	11	24	10	3	1	51											
Brothur	BHD	7:31	23:35					0	3	6	3	1	1	18											
Tir y Goll	TYG	7:31	23:35					0	3	6	3	1	1	18											
Rhyston	RHT	7:31	23:35					0	3	6	3	1	1	18											
Rhymney	RHY	7:31	23:35					0	3	6	3	1	1	18											
Cielys	CYS	5:26	23:25					8	18	33	17	10	5	91											
Llanfyllide	LLN	5:26	23:25					7	18	33	17	10	5	90											
Radyr	RDR	5:26	23:25					8	19	35	17	10	5	94											
Tyffs Well	TAF	5:26	23:25					8	18	35	17	10	5	93											
Treforest East	TRE	5:26	23:25					4	5	12	5	3	1	30											
Treforest	TRF	5:26	23:25					7	18	35	17	10	5	92											
Porthgofed	PRD	5:26	23:25					7	18	35	17	10	5	92											
Trehafod	TRM	6:36	23:45					1	6	12	6	3	2	30											
Porth	POB	6:36	23:45					1	6	12	6	3	2	30											
Dinas Mili Glam	DMG	6:36	23:45					1	6	12	6	3	2	30											
Tongwynd	TWP	6:36	23:45					1	6	12	6	3	2	30											
Llanymon	LLY	6:36	23:45					1	6	12	6	3	2	30											
Ystrad Rhondda	YRH	6:36	23:45					1	6	12	6	3	2	30											
Tonrefail	TRF	6:36	23:45					1	6	12	6	3	2	30											
Treorchy	TRY	6:36	23:45					1	6	12	6	3	2	30											
Ystradgynlais	YGY	6:36	23:45					1	6	12	6	3	2	30											
Trehafod	TRM	6:36	23:45					1	6	12	6	3	2	30											
Abercynon	ACY	5:26	23:40					6	11	22	10	7	2	58											
Penrhosbar	PRB	6:00	23:40					3	6	10	5	4	1	29											
Musman Ash	MIA	6:00	23:40					3	6	10	5	4	1	29											
Ferhill	FIR	6:00	23:40					3	6	10	5	4	1	29											
Camloch	CMC	6:00	23:40					3	6	10	5	4	1	29											
Aberdare	ABA	6:00	23:40					3	6	10	5	4	1	29											
Quakers Yard	QYD	5:26	23:25					4	5	12	5	3	1	30											
Hardy Vale	HVY	5:26	23:25					4	5	12	5	3	1	30											
Troad Y Rhw	TRD	5:26	23:25					4	5	12	5	3	1	30											
Penrhosbar	PRB	5:26	23:25					4	5	12	5	3	1	30											
Merthyr Tydfil	MRT	5:26	23:25					4	5	12	5	3	1	30											

Number of services		Public journey time (mins)	Journey times		
P	Q	R	S	T	
179	8	179 services from Cardiff Central to Cardiff Queen St shall have a journey time of no more than 8 minutes	176	5	Of which 176 services shall have a journey time of no more than 5 minutes
30	26	30 services from Cardiff Central to Coyton shall have a journey time of no more than 26 minutes	29	23	Of which 29 services shall have a journey time of no more than 23 minutes
58	27	58 services from Cardiff Central to Caerphilly shall have a journey time of no more than 27 minutes	49	21	Of which 49 services shall have a journey time of no more than 21 minutes
51	12	51 services from Cardiff Central to Bagoed shall have a journey time of no more than 52 minutes	40	48	Of which 40 services shall have a journey time of no more than 48 minutes
18	69	18 services from Cardiff Central to Rhymney shall have a journey time of no more than 69 minutes	16	64	Of which 16 services shall have a journey time of no more than 64 minutes
92	46	92 services from Cardiff Central to Porthgofed shall have a journey time of no more than 46 minutes	86	32	Of which 86 services shall have a journey time of no more than 32 minutes
30	82	30 services from Cardiff Central to Treforest shall have a journey time of no more than 82 minutes	27	87	Of which 27 services shall have a journey time of no more than 87 minutes
29	81	29 services from Cardiff Central to Aberdare shall have a journey time of no more than 81 minutes	27	65	Of which 27 services shall have a journey time of no more than 65 minutes
30	45	30 services from Cardiff Central to Merthyr Tydfil shall have a journey time of no more than 65 minutes	30	65	Of which 30 services shall have a journey time of no more than 65 minutes

End

**Wales and Borders Rail and South Wales Metro**

Weekdays TSR 15 December 2021 SK  
 Confidentiality: TBC  
 Version: Final  
 Date: 12/12/2021

**Cardiff North Arrivals**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0300-0459	0700-0959	1000-1159	1400-1859	1900-2159	2200-0159			
Merthyr Tydfil	MER	7:40	23:40					0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPD departing MER 1000-1559	
Penners Bach	PTB	7:40	23:40					0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPD departing MER 1000-1559	
Towst Y Rhw	TRD	7:40	23:40					0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPD departing MER 1000-1559	
Merthyr Vale	MEV	7:40	23:40					0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPD departing MER 1000-1559	
Quakers Yard	QYD	7:40	23:40					0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPD departing MER 1000-1559	
Aberdare	ABA	7:25	23:01					0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPD departing ABA 2200-0159	
Cwmfach	CFM	7:25	23:01					0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPD departing ABA 2200-0159	
Fenniell	FER	7:25	23:01					0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPD departing ABA 2200-0159	
Mountain Ash	MTA	7:25	23:01					0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPD departing ABA 2200-0159	
Pentwyn	PER	7:25	23:01					0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPD departing ABA 2200-0159	
Abertillery	ACT	7:25	23:01					0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPD departing ABA 2200-0159	
Trehert	TRB	6:50	22:20					1	6	12	6	5	1	31	2 additional calls to be provided by additional services, one departing MER 1000-1559 and one departing ABA 2200-0159	
Ystrad	YNY	6:50	22:20					1	6	12	6	5	1	31		
Tydferry	TKY	6:50	22:20					1	6	12	6	5	1	31		
Ton Pentre	TPN	6:50	22:20					1	6	12	6	5	1	31		
Ystrad Rhondda	YSR	6:50	22:20					1	6	12	6	5	1	31		
Llantrisant	LLY	6:50	22:20					1	6	12	6	5	1	31		
Tonyrefail	TNP	6:50	22:20					1	6	12	6	5	1	31		
Dinas Mawr	DMG	6:50	22:20					1	6	12	6	5	1	31		
Porth	POK	6:50	22:20					1	6	12	6	5	1	31		
Trehafod	TRH	6:50	22:20					1	6	12	6	5	1	31		
Rhyl	RHO	6:50	22:20					2	17	35	18	16	4	92	2 additional calls to be provided by additional services, one departing MER 1000-1559 and one departing ABA 2200-0159	
Treforest	TRF	5:50	23:40					2	17	35	18	16	4	92		
Treforest Estate	TRE	5:50	23:40					1	5	11	6	5	2	30		
Taf Wael	TAF	5:50	23:40					2	18	35	18	16	4	93		
Ruhr	RDR	5:50	23:40					2	18	35	18	16	5	94	Excludes stopping services on City Line via Ffrwac	
Llanidloes	LLI	5:50	23:40					2	17	33	18	16	5	91		
Cyfeir	CYS	5:50	23:40					2	18	33	18	16	5	92		
Rhymney	RHY	7:10	22:34					0	6	6	3	2	1	18		
Rhyl	RHT	7:10	22:34					0	6	6	3	2	1	18		
Tir y Gau	TIR	7:10	22:34					0	6	6	3	2	1	18		
Bridgend	BND	7:10	22:34					0	6	6	3	2	1	18		
Bridgend	BGD	7:10	22:34					0	11	24	11	3	1	51		
Gilfach Fawr	GFF	7:10	22:34					0	6	6	3	3	1	19		
Rhymney	RHM	7:10	22:34					0	12	24	11	3	1	51		
Hengoed	HNG	7:10	22:34					0	12	24	11	3	1	51		
Ffrwd Mynach	YFM	7:10	22:34					0	12	24	11	4	2	53		
Llanidloes	LLD	7:10	22:34					0	12	24	11	3	2	52		
Brenlyn A C Rk	ECP	7:10	22:34					0	7	12	6	2	1	28		
Aber	ABE	7:10	22:34					0	12	24	11	3	2	52		
Caeaphly	CPH	6:30	22:45					1	12	24	11	5	3	56	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CPH to CDF calling all stations. A minimum of 18 additional services per day.	
Llanidloes and Thornhill	LVT	6:30	22:34					1	12	24	11	5	2	55	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CPH to CDF calling all stations. A minimum of 18 additional services per day.	
Llanidloes	LLS	6:30	22:34					1	12	24	11	5	2	55	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CPH to CDF calling all stations. A minimum of 18 additional services per day.	
Heath High Level	HHL	6:30	22:34					1	12	24	11	5	2	55	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CPH to CDF calling all stations. A minimum of 18 additional services per day.	
Coyton	COY	7:05	23:05					0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0300-0459	
Whitchurch (Cardiff)	WHT	7:05	23:05					0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0300-0459	
Rhewera	RHW	7:05	23:05					0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0300-0459	
Bridgwater	BGS	7:05	23:05					0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0300-0459	
Ty Glas	TGS	7:05	23:05					0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0300-0459	
Heath Low Level	HLL	7:05	23:05					0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0300-0459	
Cardiff Queen St	CDQ	5:50	0:05					3	36	69	35	25	10	178	Excludes departures to/arrivals from CDB. Excludes arrivals from CDB. From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CPH to CDF calling all stations. A minimum of 18 additional services per day.	
Cardiff Bay	COB			6:40	23:52			2	15	30	15	15	10	87	Services arriving at COB from CDQ	
Cardiff Central	CCF							3	36	71	35	25	10	180	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CPH to CDF calling all stations. A minimum of 18 additional services per day.	

Journey times					
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)		
P	Q	R	S	T	
29	64		26	63	Of which 26 services shall have a journey time of no more than 64 minutes
28	69		24	64	Of which 24 services shall have a journey time of no more than 64 minutes
31	80		24	65	Of which 24 services shall have a journey time of no more than 65 minutes
92	39		87	34	Of which 87 services shall have a journey time of no more than 34 minutes
18	69		15	64	Of which 15 services shall have a journey time of no more than 64 minutes
51	50		45	46	Of which 45 services shall have a journey time of no more than 46 minutes
56	25		49	21	Of which 49 services shall have a journey time of no more than 21 minutes
29	22		28	22	Of which 28 services shall have a journey time of no more than 22 minutes
178	8		173	5	Of which 173 services shall have a journey time of no more than 5 minutes

End



**Wales and Borders Rail and South Wales Metro**

Weekdays TSR 1b December 2021 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

**Borderlands Departures**

Station	A	B	C	Early departure from WRX to Stn no later than	Late departure from WRX to Stn no earlier than	Early arrival at WRX from Stn no later than	Late arrival at WRX from Stn no earlier than	Minimum number of calls at station by W&B services departing from WRX during given timeband unless otherwise stated						Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
				D	E	F	G	H	I	J	K	L	M		
Wrexham Central	WXC					6:30	21:55	1	6	12	6	1	1	27	This row is based on arrival times at WRX
Wrexham General	WRX							2	6	12	6	1	1	28	
Gwersyllt	GWE			6:24	21:55			2	6	12	6	1	1	28	
Cefn Y Bedd	CYB			6:36	21:55			1	3	6	3	1	1	15	
Caergwrle	CGW			6:36	21:55			1	3	6	3	1	1	15	
Hope Clwyd	HPE			6:36	21:55			1	3	6	3	1	1	15	
Penyffordd	PNF			6:36	21:55			1	3	6	3	1	1	15	
Buckley	BCK			6:24	21:55			2	6	12	6	1	1	28	
Hawarden	HWB			6:36	21:55			1	3	6	3	1	1	15	
Shotton	SHT			6:24	21:55			2	6	12	6	1	1	28	
Hawarden Bridge	HWB			6:36	18:00			6 Services per day to call						6	
Neston	NES			6:24	21:55			2	6	12	6	1	1	28	
Heswall	HSW			6:24	21:55			2	6	12	6	1	1	28	
Upton Merseyside	UPT			6:24	21:55			2	6	12	6	1	1	28	
Bidston	BID			6:24	21:55			2	6	12	6	1	1	28	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
28	59	28 services from Wrexham General to Bidston shall have a journey time of no more than 59 minutes	26	57	Of which 26 services shall have a journey time of no more than 57 minutes

End

**Wales and Borders Rail and South Wales Metro**

Weekdays TSR 1b December 2021 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

**Borderlands Arrivals**

Station	A	B	C	Early arrival at WRX from Stn no later than	Late arrival at WRX from Stn no earlier than	Early departure from WRX to Stn no later than	Late departure from WRX to Stn no earlier than	Minimum number of calls at station by W&B services arriving at WRX during given timeband unless stated otherwise							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Bidston	BID			8:25	23:49			0	5	12	6	4	1	28	
Upton Merseyside	UPT			8:25	23:49			0	5	12	6	4	1	28	
Heswall	HSW			8:25	23:49			0	5	12	6	4	1	28	
Neston	NES			8:25	23:49			0	5	12	6	4	1	28	
Hawarden Bridge	HWB			8:25	18:40			0	2	0	3	0	0	5	
Shotton	SHT			8:25	23:49			0	5	12	6	4	1	28	
Hawarden	HWD			8:25	23:49			0	3	6	3	2	1	15	
Buckley	BCK			8:25	23:49			0	5	12	6	4	1	28	
Penyffordd	PNF			8:25	23:49			0	3	6	3	2	1	15	
Hope Clwyd	HPE			8:25	23:49			0	3	6	3	2	1	15	
Caergwrle	CGW			8:25	23:49			0	3	6	3	2	1	15	
Cefn Y Bedd	CYB			8:25	23:49			0	3	6	3	2	1	15	
Gwersyllt	GWE			8:25	23:49			0	5	12	6	4	1	28	
Wrexham General	WRX							0	5	12	6	4	1	28	
														0	
Wrexham Central	WXC					6:30	21:54	2	6	12	6	3	0	29	This row based on WRX departures

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
28	56	28 services from Bidston to Wrexham General shall have a journey time of no more than 56 minutes	22	54
				Of which 22 services shall have a journey time of no more than 54 minutes

End

**Wales and Borders Rail and South Wales Metro**

Weekdays TSR 15 December 2021 SK  
 Confidentiality: TBC  
 Version: Final  
 Date: 5/23/2018

**Cardiff East Departures**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations		
								0700 - 0859	0900 - 1059	1100 - 1259	1300 - 1459	1500 - 1659	1700 - 1859	1900 - 2159		2200 - 2359	Total Day
								H	I	J	K	L	M	N			
Cardiff Central	CDF							6	9	21	12	8	3	59			
Pye Corner	PYE			6:35	23:05			1	3	6	3	3	1	17			
Rayners	RGR			6:35	23:05			1	3	6	3	3	1	17			
Rosa & Pontminster	RCA			6:35	23:05			1	3	6	3	3	1	17			
Crosskeys	CKY			6:35	23:05			1	3	6	3	3	1	17	Between 0700 and 2200, 1 additional service per hour shall run from NWP to DR, calling all stations. A maximum of 16 additional services per day		
Newbridge	NBE			6:35	23:05			1	3	6	3	3	1	17			
Llanhllwys	LTH			6:35	23:05			1	3	6	3	3	1	17			
Elbow Vale Parkway	EBV			6:35	23:05			1	3	6	3	3	1	17			
Elbow Vale Town	EBT			6:35	23:05			1	3	6	3	3	1	17			
Newport Gwent	NWP			6:35	23:05			5	6	15	9	5	2	42			
Swain Tunnel Junction	STJ			6:12	23:20			1	2	4	3	1	1	12			
Cadfan	CDT			6:12	23:20			1	2	4	3	1	1	12			
Chapelton	CPW			6:12	23:20			1	2	4	3	1	1	12			
Lidbury	LID			6:12	23:20			1	2	4	3	1	1	12			
Gloucester	GCR			6:12	23:20			1	2	4	3	1	1	12			
Cheltenham Spa	CHN			6:12	21:10			1	2	3	3	1	0	10			
Genetree	CHW			6:35	0:30			4	4	10	6	4	1	29			
Pontypool New Inn	PNL			6:35	0:30			3	2	4	3	3	1	16			
Abergavenny	AGV			6:35	0:30			4	4	10	6	4	1	29			
Hereford	HFD			6:35	0:30			4	4	10	6	4	1	29			
Leominster	LEO			6:35	21:55			4	2	8	3	4	0	21			
Leamington	LEA			6:35	21:55			4	4	10	4	4	0	26			
Green Arns	CAV			6:35	21:55			4	3	6	3	4	0	20	Excludes services via F&W Line		
Church Stretton	CTT			6:35	21:55			4	3	6	3	4	0	20	Excludes services via F&W Line		
Strewsbury	SHR			6:35	21:55			4	4	10	6	4	0	28	Excludes services via F&W Line		

Journey times									
Number of services	Public journey time (mins)							Number of services	Public journey time (mins)
P	Q		R	S	T		U		
17	67			15	64				
42	22	17 services from Cardiff Central to Elbow Vale Town shall have a journey time of no more than 67 minutes		35	19			Of which 15 services shall have a journey time of no more than 64 minutes	
		42 services from Cardiff Central to Newport Gwent shall have a journey time of no more than 22 minutes						Of which 15 services shall have a journey time of no more than 19 minutes	
12	84	12 services from Cardiff Central to Gloucester shall have a journey time of no more than 84 minutes		10	75			Of which 10 services shall have a journey time of no more than 75 minutes	
10	90	10 services from Cardiff Central to Cheltenham Spa shall have a journey time of no more than 90 minutes		9	88			Of which 9 services shall have a journey time of no more than 88 minutes	
29	89	29 services from Cardiff Central to Hereford shall have a journey time of no more than 89 minutes		23	70			Of which 23 services shall have a journey time of no more than 70 minutes	
20	138	20 services from Cardiff Central to Strewsbury shall have a journey time of no more than 138 minutes		22	127			Of which 22 services shall have a journey time of no more than 127 minutes	

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from SHR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations		
								0700 - 0859	0900 - 1059	1100 - 1259	1300 - 1459	1500 - 1659	1700 - 1859	1900 - 2159		2200 - 2359	Total Day
								H	I	J	K	L	M	N			
Strewsbury	SHR			5:38	23:35			2	4	6	3	4	2	21			
Gobowen	GOB			5:38	23:35			2	4	6	3	3	2	20			
Chirk	CHK			5:38	23:35			2	4	6	3	3	2	20			
Ruabon	RUA			5:38	23:35			2	4	6	3	3	2	20			
Wrexham General	WRX			5:38	23:35			2	4	6	3	4	2	21	3 additional services to be provided between SHR and CTR via CRE, such services may be provided within the quantum of services between SHR and CRE and between CRE and CTR, specified elsewhere in this TSR		
Chester	CTR			5:38	23:35			1	3	6	3	4	2	19			
Strewsbury	SHR			5:31	0:10			2	3	10	6	4	3	28			
Troxen	TRX			5:31	0:10			1	1	3	2	1	3	11			
Wen	WEM			5:31	0:10			2	2	3	3	1	3	14			
Prees	PRE			5:31	0:10			1	1	3	2	1	3	11			
Whitchurch Salop	WYS			5:31	0:10			2	3	6	5	2	3	21			
Wibury	WRE			5:31	0:10			1	1	3	2	1	3	11			
Nasenhelm	NAN			5:31	0:10			2	3	6	5	2	3	21			
Crews	CRE			5:31	0:10			2	3	10	6	4	3	28	One additional service to MAN departing CRE 0200-0659 to be provided		
Windlow	WML			6:45	22:20			1	2	7	3	2	1	16	One additional service to MAN departing CRE 0200-0659 to be provided		
Saughol	SPT			6:45	22:20			1	2	7	3	2	1	16	One additional service to MAN departing CRE 0200-0659 to be provided		
Manchester Piccadilly	MAN			6:45	22:20	8:05	23:50	1	2	7	3	2	1	16	One additional service to MAN departing CRE 0200-0659 to be provided. Excludes services via CTR		

Journey times									
Number of services	Public journey time (mins)							Number of services	Public journey time (mins)
P	Q		R	S	T		U		
21	45	21 services from Strewsbury to Wrexham General shall have a journey time of no more than 45 minutes		18	40			Of which 18 services shall have a journey time of no more than 40 minutes	
22	73	22 services from Strewsbury to Chester shall have a journey time of no more than 73 minutes		19	62			Of which 19 services shall have a journey time of no more than 62 minutes	
28	57	28 services from Strewsbury to Crews shall have a journey time of no more than 57 minutes		21	53			Of which 21 services shall have a journey time of no more than 53 minutes	
17	124	17 services from Strewsbury to Manchester Piccadilly shall have a journey time of no more than 124 minutes		13	85			Of which 13 services shall have a journey time of no more than 85 minutes	

End

**Wales and Borders Rail and South Wales Metro**

Weekdays TSR 15 December 2021 SK  
 Confidentiality: TBC  
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**Cardiff East Arrivals**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations	
								0700-0859	0700-0859	1000-1059	1000-1059	1600-1859	1600-1859	2100-2159			2100-2159
								H	I	J	K	L	M	N			
Shrewsbury	SHR							0	6	10	4	4	4	28	Excludes services via HW Line		
Church Stretton	CTT							0	4	4	3	3	4	18	Excludes services via HW Line		
Cross Keys	CKY							0	4	3	3	3	4	17	Excludes services via HW Line		
Ludlow	LUD							0	5	9	4	4	4	26			
Leominster	LEO							0	5	6	3	3	4	21			
Hereford	HFD							1	6	9	4	4	4	28			
Abergenny	AGV							1	5	9	4	4	4	27			
Pontypool New Inn	PLI							1	4	3	3	1	2	14			
Ceintre	CNH							1	5	8	4	4	4	26			
Chatterham Spa	CHM							0	2	4	1	3	1	11			
Gloucester	GCR							0	2	4	2	3	1	12			
Lidsey	LTD							0	2	4	2	3	1	12			
Chewton	CPW							0	2	4	2	3	1	12			
Colfinc	COF							0	2	4	2	3	1	12			
Seven Tunnels Junction	STJ							0	2	4	2	3	1	12			
Newport Gwent	NWP							1	8	15	6	7	5	42			
Elbow Vale Town	EBT							0	3	6	3	3	4	19			
Elbow Vale Parkway	EBV							0	3	6	3	3	4	19			
Llanthely	LTH							0	3	6	3	3	4	19			
Newbridge	NBS							0	3	6	3	3	4	19			
Crosskeys	CKY							0	3	6	3	3	4	19			
Ross & Pymmes	RPA							0	3	6	3	3	4	19			
Rogstone	ROR							0	3	6	3	3	4	19			
Pye Corner	PYC							0	3	6	3	3	4	19			
Cardiff Central	CDR							7	11	21	9	10	7	59			

Journey times									
Number of services	Public journey time (mins)							Number of services	Public journey time (mins)
P	Q	R	S	T	U				
28	141	28 services from Shrewsbury to Cardiff Central shall have a journey time of no more than 141 minutes	21	124	Of which 21 services shall have a journey time of no more than 134 minutes				
28	82	28 services from Hereford to Cardiff Central shall have a journey time of no more than 82 minutes	22	75	Of which 22 services shall have a journey time of no more than 75 minutes				
11	99	11 services from Chatterham Spa to Cardiff Central shall have a journey time of no more than 99 minutes	9	94	Of which 9 services shall have a journey time of no more than 94 minutes				
12	86	12 services from Gloucester to Cardiff Central shall have a journey time of no more than 86 minutes	9	78	Of which 9 services shall have a journey time of no more than 78 minutes				
42	27	42 services from Newport Gwent to Cardiff Central shall have a journey time of no more than 27 minutes	32	22	Of which 32 services shall have a journey time of no more than 22 minutes				
19	70	19 services from Elbow Vale Town to Cardiff Central shall have a journey time of no more than 70 minutes	15	63	Of which 15 services shall have a journey time of no more than 63 minutes				

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at SHR during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations	
								0700-0859	0700-0859	1000-1059	1000-1059	1600-1859	1600-1859	2100-2159			2100-2159
								H	I	J	K	L	M	N			
Chewton	CPW							1	3	6	3	2	2	17			
Wrotham General	WRX							1	4	6	3	3	2	19			
Rubon	RUB							1	3	6	3	3	2	18			
Chirk	CHK							1	3	6	3	3	2	18			
Gobowen	GGB							1	3	6	3	3	2	18			
Shrewsbury	SHR							7	4	6	3	3	2	19			
Manchester Piccadilly	MAN							0	3	6	3	2	3	17			
Stockport	SPT							0	3	6	3	2	3	17			
Widnaw	WNL							0	3	6	3	2	3	17			
Crew	CRW							2	5	9	5	2	3	26			
Nannish	NAN							2	3	4	4	2	3	18			
Wrotham	WRX							1	1	3	2	1	3	11			
Whitchurch Salop	WFC							2	2	4	4	2	3	17			
Wem	WRX							1	1	3	2	1	3	11			
Wem	WRX							2	2	3	4	2	3	16			
Tyton	TYT							1	1	3	2	1	3	11			
Shrewsbury	SHR							2	5	9	5	2	3	26			

Journey times									
Number of services	Public journey time (mins)							Number of services	Public journey time (mins)
P	Q	R	S	T	U				
17	60	17 services from Chester to Shrewsbury shall have a journey time of no more than 60 minutes	13	57	Of which 13 services shall have a journey time of no more than 57 minutes				
19	46	19 services from Wrotham General to Shrewsbury shall have a journey time of no more than 46 minutes	16	42	Of which 16 services shall have a journey time of no more than 42 minutes				
17	102	17 services from Manchester Piccadilly to Shrewsbury shall have a journey time of no more than 102 minutes	13	84	Of which 13 services shall have a journey time of no more than 84 minutes				
26	61	26 services from Crew to Shrewsbury shall have a journey time of no more than 61 minutes	20	53	Of which 20 services shall have a journey time of no more than 53 minutes				

End

**Wales and Borders Rail and South Wales Metro**

Weekdays TSR 1b December 2021 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

**Swansea West Departures**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from SWA during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Swansea	SWA							2	3	11	7	3	3	29	Excludes services via HoW Line. 1 additional call to be provided FO by a service departing CDF 22:00-01:59	
Gowerton	GNW	5:45	0:45					2	2	8	7	3	3	25	Excludes services via HoW Line. 1 additional call to be provided FO by a service departing CDF 22:00-01:59	
Llanelli	LLE	5:45	0:45					2	3	11	7	3	3	29	Excludes services via HoW Line. 1 additional call to be provided by additional service from CDF departing CDF 22:00-01:59	
Pembrey & Burry Port	PBY	5:45	0:45					2	2	9	6	3	3	25	1 additional call to be provided by additional service from CDF departing CDF 22:00-01:59.	
Kidwelly	KWL	5:45	0:45					2	2	4	4	2	3	17	1 additional call to be provided by additional service from CDF departing CDF 22:00-01:59.	
Ferryside	FYS	5:45	0:45					2	2	4	4	2	3	17	1 additional call to be provided by additional service from CDF departing CDF 22:00-01:59.	
Carmarthen	CMN	5:45	0:45					2	3	9	6	3	3	26	1 additional call to be provided by additional service from CDF departing CDF 22:00-01:59.	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
29	24	29 services from Swansea to Llanelli shall have a journey time of no more than 24 minutes	25	21	Of which 25 services shall have a journey time of no more than 21 minutes
26	60	26 services from Swansea to Carmarthen shall have a journey time of no more than 60 minutes	22	55	Of which 22 services shall have a journey time of no more than 55 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CMN during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Carmarthen	CMN							5	4	6	3	5	1	24		
Whitland	WTL	5:50	23:20					5	4	6	3	5	1	24	1 additional call to be provided by additional service to FGH departing SWA 1000-1559	
Narberth	NAR	6:40	21:10					2	1	3	1	2	0	9		
Kilgetty	KGT	6:40	21:10					2	1	3	1	2	0	9		
Saundersfoot	SDF	6:40	21:10					2	1	3	1	2	0	9		
Tenby	TEN	6:40	21:10					2	1	3	1	2	0	9		
Penally	PNA	6:40	21:10					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159	
Manorbier	MRB	6:40	21:10					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159	
Lamphey	LAM	6:40	21:10					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159	
Pembroke	PMB	6:40	21:10					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159	
Pembroke Dock	PMD	6:40	21:10					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159	
Clunderwen	CLW	5:50	23:20					3	3	3	3	3	1	16		
Clarbeston Road	CLR	5:50	23:20					3	3	3	3	3	1	16	2 additional calls to be provided by additional services to FGH, the first departing CLR 0700-0959, the second departing SWA 1000-1559	
Haverfordwest	HVF	6:00	23:20					2	2	3	1	2	1	11		
Johnston Dyfed	JOH	6:00	23:20					2	2	3	1	2	1	11		
Milford Haven	MFH	6:00	23:20					2	2	3	1	2	1	11		
Fishguard & Goodwick	FGW	5:50	21:00					1	1	0	2	1	0	5	2 additional calls to be provided by additional services to FGH, the first departing CLR 0700-0959, the second departing SWA 1000-1559	
Fishguard Harbour	FGH	5:50	21:00					1	1	0	2	1	0	5	2 additional calls to be provided by additional services to FGH, the first departing CLR 0700-0959, the second departing SWA 1000-1559	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
8	93	8 services from Carmarthen to Pembroke Dock shall have a journey time of no more than 93 minutes	7	89	Of which 7 services shall have a journey time of no more than 89 minutes
11	64	11 services from Carmarthen to Milford Haven shall have a journey time of no more than 64 minutes	9	62	Of which 9 services shall have a journey time of no more than 62 minutes
5	67	5 services from Carmarthen to Fishguard Harbour shall have a journey time of no more than 67 minutes	3	60	Of which 3 services shall have a journey time of no more than 60 minutes

End

**Wales and Borders Rail and South Wales Metro**

Weekdays TSR 1b December 2021 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

**Swansea West Arrivals**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at SWA during given timeband							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Carmarthen	CMN			3:45	0:05			2	5	9	4	4	2	26	3 additional calls to be provided by services departing CMN, one to LLY departing CMN 0200-0659, one to CDF departing CMN 0200-0659, one to CDF departing CMN 1000-1559	
Ferryside	FYS			6:35	0:05			1	5	3	2	2	1	14		
Kidwelly	KWL			6:35	0:05			1	5	3	2	2	1	14		
Pembrey & Burry Port	PBY			6:35	0:05			1	5	9	4	4	1	24	2 additional calls to be provided by services departing CMN, one to LLY departing CMN 0200-0659, one to CDF departing CMN 0200-0659	
Llanelli	LLE			3:45	0:05			2	5	10	5	4	1	27	3 additional calls to be provided by services departing CMN, one to LLY departing CMN 0200-0659, one to CDF departing CMN 0200-0659, one to CDF departing CMN 1000-1559 Excludes services via H&W Line	
Gowerton	GWN			6:35	0:05			1	4	7	4	4	1	21	Excludes services via H&W Line	
Swansea	SWA							2	5	10	5	4	2	28	Excludes services via H&W Line	

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
26	59	26 services from Carmarthen to Swansea shall have a journey time of no more than 59 minutes	21	53
28	27	28 services from Llanelli to Swansea shall have a journey time of no more than 27 minutes	19	24

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CMN during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Fishguard Harbour	FGH			8:45	23:07			0	1	2	1	1	1	6	1 additional call to be provided by an additional service from FGH arriving CLR 0700-0959	
Fishguard & Goodwick	FGW			8:45	23:07			0	1	2	1	1	1	6	1 additional call to be provided by an additional service from FGH arriving CLR 0700-0959	
Milford Haven	MFH			6:48	1:15			1	1	3	2	2	2	11		
Johnston Dyfed	JOH			6:48	1:15			1	1	3	2	2	2	11		
Haverfordwest	HVF			6:48	1:15			1	1	3	2	2	2	11		
Clarbeston Road	CLR			6:48	1:15			1	2	4	3	3	3	16	1 additional call to be provided by an additional service from FGH arriving CLR 0700-0959	
Clunderwen	CUW			6:48	1:15			1	2	4	3	2	3	15		
Pembroke Dock	PMD			8:15	23:43			0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159	
Pembroke	PMB			8:15	23:43			0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159	
Lamphey	LAM			8:15	23:43			0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159	
Manorbier	MRB			8:15	23:43			0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159	
Penally	PNA			8:15	23:43			0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159	
Tenby	TEN			8:15	23:43			0	1	3	2	1	2	9	1 additional call to be provided by a service arriving TEN 1900-2159	
Standersfoot	SDF			8:15	23:43			0	1	3	2	1	2	9		
Kilgetty	KGT			8:15	23:43			0	1	3	2	1	2	9		
Narberth	NAR			8:15	23:43			0	1	3	2	1	2	9		
Whiland	WTL			6:48	1:15			1	3	8	5	4	5	26		
Carmarthen	CMN							1	3	8	5	4	5	26		

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
6	60	6 services from Fishguard Harbour to Carmarthen shall have a journey time of no more than 60 minutes	5	59
11	59	11 services from Milford Haven to Carmarthen shall have a journey time of no more than 59 minutes	10	58
8	96	8 services from Pembroke Dock to Carmarthen shall have a journey time of no more than 96 minutes	6	87

End



**Wales and Borders Rail and South Wales Metro**

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**Heart of Wales Arrivals**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving in SHR during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Swansea				10:16	22:50									4	Includes services via HoW Line only	
Gowerton		GWN		10:16	22:50									4	Includes services via HoW Line only	
Llanelli			LLE	10:16	22:50									4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659	
Bynea		BYE		10:16	22:50									4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659	
Llangennech		LLH		10:16	22:50									4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659	
Pontarddulais		PTD		10:16	22:50									4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659	
Pantffynnon		PTF		10:16	22:50									4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659	
Ammanford		AMF		10:16	22:50									4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659	
Llandybie		LLI		10:16	22:50									4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659	
Ffairfach		FFA		10:16	22:50									4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659	
Llandilo		LLL		10:16	22:50									4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659	
Llangadog		LLG		10:16	22:50									4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659	
Llanwrda		LNR		10:16	22:50									4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659	
Llandovery		LLV		10:16	22:50									4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659	
Cynghorby		CYN		10:16	22:50									4		
SugarLoaf		SUG		10:16	22:50									4		
Llanwryd		LNW		10:16	22:50									4		
Llangamarch		LLM		10:16	22:50									4		
Garth Powys		GTH		10:16	22:50									4		
Cilmeri		CIM		10:16	22:50									4		
Builth Road		BHR		10:16	22:50									4		
Llandrindod		LLD		8:00	22:50									5		
Pen Y Bont		PNY		8:00	22:50									5		
Dolau		DOL		8:00	22:50									5		
Llanbister Road		LLT		8:00	22:50									5		
Llangnillio		LGO		8:00	22:50									5		
Knaucklas		KNJ		8:00	22:50									5		
Knighton		KNI		8:00	22:50									5		
Bucknell		BUK		8:00	22:50									5		
Hopton Heath		HPT		8:00	22:50									5		
Broome		BME		8:00	22:50									5		
Craven Arms		CRV		8:00	22:50									5	Includes services via HoW Line only	
Church Stretton		CTT		8:00	22:50									5	Includes services via HoW Line only	
Shrewsbury		SHR												5	Includes services via HoW Line only	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	
4	274	4 services from Swansea to Shrewsbury shall have a journey time of no more than 274 minutes	3	269	Of which 3 services shall have a journey time of no more than 269 minutes
5	66	5 services from Llanelli to Llandovery shall have a journey time of no more than 66 minutes	4	65	Of which 4 services shall have a journey time of no more than 65 minutes
5	103	5 services from Llandrindod to Shrewsbury shall have a journey time of no more than 103 minutes	4	99	Of which 4 services shall have a journey time of no more than 99 minutes

End



**Wales and Borders Rail and South Wales Metro**

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**Cambrian Line Departures**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from BHM during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations	
								H	I	J	K	L	M	N			
Birmingham International	BHI					721	21:15	0	3	6	3	3	0	15			This row is based on unmet times at BHM
Birmingham New St	BNI							7	3	6	3	3	2	18			
Swansea Canton Bridge	SGB			6:25	21:25			1	3	6	3	3	2	18			
Spodden & Dudley	SAD							0	0	0	0	0	0	0			
Wolverhampton	WVH			6:25	21:30			1	3	6	3	3	2	18			If additional call to be provided by a service departing WVH 2200:01:59
Salford	STA				23:07			0	0	0	0	0	1	1			
Creeks	CAE				23:07			0	0	0	0	0	1	1			
Blithton	BLI			23:40	23:30			0	0	0	0	0	1	1			
Codell	COL			23:40	23:30			0	0	0	0	0	1	1			
Albionton	ALB			23:40	23:30			0	0	0	0	0	1	1			
Croft	CRF			23:40	23:30			0	0	0	0	0	1	1			
Stretton	STR			23:40	23:30			0	0	0	0	0	1	1			
Telford Central	TFC			6:25	21:30			1	3	6	3	3	1	17			If additional call to be provided by a service departing WVH 2200:01:59
Quangness	QNL			23:40	23:30			0	0	0	0	0	1	1			
Wellington Salop	WLN			6:25	21:30			1	3	6	3	3	1	17			If additional call to be provided by a service departing WVH 2200:01:59
Shrewsbury	SHR			6:25	21:30			1	3	6	3	3	1	17			If additional call to be provided by a service departing WVH 2200:01:59

Journey times				
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)	
P	Q	R	S	T
18	23	18	15	21
18 services from Birmingham New St to Wolverhampton shall have a journey time of no more than 23 minutes. Of which 15 services shall have a journey time of no more than 21 minutes.				
17	75	17	14	60
17 services from Birmingham New St to Shrewsbury shall have a journey time of no more than 75 minutes. Of which 14 services shall have a journey time of no more than 60 minutes.				

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from SHR during given timeband							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								H	I	J	K	L	M	N		
Shrewsbury	SHR	Any						7	2	4	2	2	0	12		
Welshpool	WLP			6:25	21:50			1	2	4	2	3	0	12		
Newman Pwys	NVT			6:25	21:50			1	2	4	2	3	0	12		
Caerwes	CWS			6:25	21:50			1	2	4	2	3	0	12		
Machlylleth	MCN			6:25	21:50			1	2	4	2	3	0	12		

Journey times				
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)	
P	Q	R	S	T
12	81	12	10	79
12 services from Shrewsbury to Machlylleth shall have a journey time of no more than 81 minutes. Of which 10 services shall have a journey time of no more than 79 minutes.				

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from MCN during given timeband							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								H	I	J	K	L	M	N		
Machlylleth	MCN							5	3	7	4	5	1	25		
Deery Junction	DVY			4:55	23:05			5	3	7	3	5	1	24		
Borth	BRH			4:55	23:05			3	2	4	2	3	1	15		
Beaumaris	BOW			4:55	23:05			3	2	4	2	3	1	15		Services should call at Beaumaris from March 2020
Aberystwyth	AYW			4:55	23:05			3	2	4	3	3	1	16		
Pwllheli	PWG			5:07	21:45			2	1	3	1	2	0	9		
Aberystwyth	AYW			5:07	21:45			2	1	3	1	2	0	9		
Tryfan	TYW			5:07	21:45			2	1	3	1	2	0	9		
Torfaen	TWF			5:07	21:45			2	1	3	1	2	0	9		
Llanwril	LWV			5:07	21:45			2	1	3	1	2	0	9		
Parfhorw	FRB			5:07	21:45			2	1	3	1	2	0	9		
Phoeb Meadows	PHM			5:07	21:45			2	1	3	1	2	0	9		
Brynford	BRF			5:07	21:45			2	1	3	1	2	0	9		
Ustler	ULA			6:45	21:45			1	1	3	1	2	0	8		
Tylbarn	TLB			6:45	21:45			1	1	3	1	2	0	8		
Dyffryn Ardudwy	DYF			6:45	21:45			1	1	3	1	2	0	8		
Ustler	ULR			6:45	21:45			1	1	3	1	2	0	8		
Neuam	NES			6:45	21:45			1	1	3	1	2	0	8		
Ustler	ULR			6:45	21:45			1	1	3	1	2	0	8		
Tryfan	TYG			6:45	21:45			1	1	3	1	2	0	8		
Talarnau	TAL			6:45	21:45			1	1	3	1	2	0	8		
Ustler	ULC			6:45	21:45			1	1	3	1	2	0	8		
Pwllheli	PWH			6:45	21:45			1	1	3	1	2	0	8		
Morfa	MFF			6:45	21:45			1	1	3	1	2	0	8		
Parfhorw	FRF			6:45	21:45			1	1	3	1	2	0	8		
Criccieth	CCC			6:45	21:45			1	1	3	1	2	0	8		
Pwllheli	PWL			6:45	21:45			1	1	3	1	2	0	8		
Pwllheli	PWL			6:45	21:45			1	1	3	1	2	0	8		

Journey times				
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)	
P	Q	R	S	T
16	41	16	12	26
16 services from Machlylleth to Aberystwyth shall have a journey time of no more than 41 minutes. Of which 12 services shall have a journey time of no more than 26 minutes.				
8	154	8	6	152
8 services from Machlylleth to Pwllheli shall have a journey time of no more than 154 minutes. Of which 6 services shall have a journey time of no more than 152 minutes.				

End





**Wales and Borders Rail and South Wales Metro**

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**North Wales Arrivals**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at MAN or LLY during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159			
Chester	CTR	4:44	0:35			6:55	22:15	3	7	12	6	7	3	38		
Helby	HSB	6:41	0:35			6:55	22:15	2	7	12	6	7	3	37		
Frodoham	FRD	6:41	0:35			6:55	22:15	2	7	12	6	7	3	37		
Runcom	RUN					6:55	22:15	1	3	6	3	3	1	17		
Liverpool South Parkway	LSP					6:55	22:15	1	3	6	3	3	1	17		
Liverpool Lime Street	LIV							1	3	6	3	3	1	17		
Runcom East	RUE	6:41	0:35					1	4	6	3	4	2	20		
Warrington Bank Quay	WBQ	6:41	0:35					1	4	6	3	4	2	20		
Bekestone	BEK	6:41	0:35					1	4	6	3	4	2	20		
Newton La Willows	NLW	6:41	0:35					1	4	6	3	4	2	20		
Manchester Oxford Road	MCD	6:41	22:55					1	4	6	3	4	1	19		
Manchester Piccadilly	MAN							2	4	6	3	4	2	21		
Manchester Airport	MIA							1	1	5	0	2	0	9	Based on departure times from MAN. Early departure no later than 04:43. Late departure no earlier than 19:55.	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	
21	76	21 services from Chester to Manchester Piccadilly shall have a journey time of no more than 76 minutes	16	68	Of which 16 services shall have a journey time of no more than 68 minutes
17	40	17 services from Chester to Liverpool Lime Street shall have a journey time of no more than 40 minutes	15	37	Of which 15 services shall have a journey time of no more than 37 minutes
20	45	20 services from Warrington Bank Quay to Manchester Piccadilly shall have a journey time of no more than 45 minutes	17	40	Of which 17 services shall have a journey time of no more than 40 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CTR during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159			
Holyhead	HHD	6:13	22:20					1	4	7	3	3	1	19		
Valley	VAL	6:13	21:14					1	3	5	1	3	0	13		
Beaunege	BND	8:14	21:14					0	2	4	1	3	0	10		
Ty Croft	TYC	8:14	21:14					0	2	4	1	3	0	10		
Bobdriog	BDR	8:14	21:14					0	2	4	1	3	0	10		
Llanfyllter	LFG	6:13	21:14					1	3	5	1	3	0	13		
Bangor Gwynedd	BNG	6:13	22:20					1	4	7	3	3	1	19		
Llanfyllter Junction	LJF	7:08	22:20					0	2	4	2	3	1	12		
Rhosneigr	RHW	7:08	22:20					0	2	4	2	3	1	12		
Conwy	CHW	7:08	22:20					0	2	4	2	3	1	12		
Llandudno	LLD	7:55	22:55					0	3	4	3	3	2	15	Through services towards CTR only	
Degwy	DGY	7:55	22:55					0	3	4	3	3	2	15	Through services towards CTR only	
Llandudno Junction	LLJ	5:35	22:55					3	8	12	7	7	2	39	Conwy valley services to BFF excluded. See table below for all LLD-LLJ services.	
Colwyn Bay	CWB	5:35	22:55					3	8	12	6	6	2	37		
Albany & Pasaun	AGL	5:35	22:55					1	4	6	3	3	2	19		
Abyel	ABL	5:35	22:55					3	8	12	6	6	2	37		
Prestryn	PRY	5:35	22:55					3	6	12	6	6	2	35		
Ries	RIN	5:35	22:55					3	7	12	6	6	2	36		
Shotton	SHT	5:35	22:55					2	4	6	3	3	2	20		
Chester	CTR	err						3	8	12	7	7	2	39		
Services between CTR and CRE specified below based on departure times from CTR																
Crewa	CRE			4:22	23:00			5	4	6	3	4	2	24	Based on departure times at CTR	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	
19	125	19 services from Holyhead to Chester shall have a journey time of no more than 125 minutes	15	116	Of which 15 services shall have a journey time of no more than 116 minutes
19	86	19 services from Bangor Gwynedd to Chester shall have a journey time of no more than 86 minutes	16	80	Of which 16 services shall have a journey time of no more than 80 minutes
15	78	14 services from Llandudno to Chester shall have a journey time of no more than 78 minutes	13	73	Of which 13 services shall have a journey time of no more than 73 minutes
39	63	39 services from Llandudno Junction to Chester shall have a journey time of no more than 63 minutes	35	60	Of which 35 services shall have a journey time of no more than 60 minutes
24	31	24 services from Crewa to Chester shall have a journey time of no more than 31 minutes	24	31	Of which 24 services shall have a journey time of no more than 31 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services from LLD to LLJ and LLJ to BFF arriving at departing from LLJ during given timeband							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159			
Llandudno	LLD	6:04	21:54					2	5	9	5	6	0	27	All LLD to LLJ services	
Degwy	DGY	6:04	21:54					2	5	9	5	6	0	27	All LLD to LLJ services	
Llandudno Junction	LLJ	err						2	5	9	5	6	0	27	All LLD to LLJ services	
Llandudno Junction	LLJ	dep						1	1	2	1	1	0	6		
Glan Conwy	GCW	7:26	19:20					0	1	2	1	1	0	5		
Fel Y Castell	FLC	5:30	19:20					1	1	2	1	1	0	6		
Dolgerrog	DGL	7:26	19:20					0	1	2	1	1	0	5		
North Llanerch	NLR	7:26	19:20					0	1	2	1	1	0	5		
Llanerch	LWR	5:30	19:20					1	1	2	1	1	0	6		
Beves Y Coed	BYC	5:30	19:20					1	1	2	1	1	0	6		
Pon Y Castell	PYP	7:26	19:20					0	1	2	1	1	0	5		
Dolwyddelan	DWD	7:26	19:20					0	1	2	1	1	0	5		
Roman Bridge	RMB	7:26	19:20					0	1	2	1	1	0	5		
Beaune Resting	BFR	5:30	19:20					1	1	2	1	1	0	6		

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	
27	15	27 services from Llandudno to Llandudno Junction shall have a journey time of no more than 15 minutes	23	13	Of which 23 services shall have a journey time of no more than 13 minutes
4	45	4 services from Llandudno Junction to Beaune Resting shall have a journey time of no more than 45 minutes	5	44	Of which 5 services shall have a journey time of no more than 44 minutes

End