

# Train Service Requirements

## Wales and Borders Rail Service and South Wales Metro Weekdays TSR 2 December 2023 SX

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Confidentiality	TBC
Version	Final
Date	5/23/2018

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

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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 Rhose 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 relate to the arrival or departure times at the key station unless otherwise stated in column

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 the specified time band or within 10 minutes earlier or later than the specified time band.

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.

Such 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 full cooked meal (breakfast or dinner as appropriate), which may be pre-prepared.

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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 - Aberystwth**

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

**Aberystwth - Birmingham**

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

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**Aberystwth - Shrewsbury**

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

**Shrewsbury - Aberystwth**

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

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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 Llanwytrod 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	182	20 services from Cardiff Central to Crewe shall have a journey time of no more than 182 minutes	15	161
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	211
Manchester Piccadilly	Cardiff Central	15	227	15 services from Manchester Piccadilly to Cardiff Central shall have a journey time of no more than 227 minutes	12	201
Crewe	Cardiff Central	17	176	17 services from Crewe to Cardiff Central shall have a journey time of no more than 176 minutes	14	170
Cardiff Central	Wrexham	15	158	15 services from Cardiff Central to Wrexham shall have a journey time of no more than 158 minutes	15	158
Cardiff Central	Chester	18	183	18 services from Cardiff Central to Chester shall have a journey time of no more than 183 minutes	15	176
Cardiff Central	Llandudno Junction	8	248	8 services from Cardiff Central to Llandudno Junction shall have a journey time of no more than 248 minutes	6	228
Cardiff Central	Bangor	8	271	8 services from Cardiff Central to Bangor shall have a journey time of no more than 271 minutes	6	247
Cardiff Central	Holyhead	8	301	8 services from Cardiff Central to Holyhead shall have a journey time of no more than 301 minutes	6	290
Holyhead	Cardiff Central	8	288	8 services from Holyhead to Cardiff Central shall have a journey time of no more than 288 minutes	6	279
Bangor	Cardiff Central	8	250	8 services from Bangor to Cardiff Central shall have a journey time of no more than 250 minutes	6	248
Llandudno Junction	Cardiff Central	9	232	9 services from Llandudno Junction to Cardiff Central shall have a journey time of no more than 232 minutes	7	227
Chester	Cardiff Central	16	179	16 services from Chester to Cardiff Central shall have a journey time of no more than 179 minutes	13	171
Wrexham	Cardiff Central	16	165	16 services from Wrexham to Cardiff Central shall have a journey time of no more than 165 minutes	12	156
Swansea	Shrewsbury	14	194	14 services from Swansea to Shrewsbury shall have a journey time of no more than 194 minutes	11	185
Swansea	Crewe	14	230	14 services from Swansea to Crewe shall have a journey time of no more than 230 minutes	11	218
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	299	12 services from Manchester Piccadilly to Swansea shall have a journey time of no more than 299 minutes	9	264
Crewe	Swansea	14	259	14 services from Crewe to Swansea shall have a journey time of no more than 259 minutes	11	229
Shrewsbury	Swansea	15	222	15 services from Shrewsbury to Swansea shall have a journey time of no more than 222 minutes	12	190
Birmingham New Street	Wrexham	9	123	9 services from Birmingham New Street to Wrexham shall have a journey time of no more than 123 minutes	6	94
Birmingham New Street	Chester	10	141	10 services from Birmingham New Street to Chester shall have a journey time of no more than 141 minutes	7	111
Birmingham New Street	Llandudno Junction	7	170	7 services from Birmingham New Street to Llandudno Junction shall have a journey time of no more than 170 minutes	6	164
Birmingham New Street	Bangor	5	195	5 services from Birmingham New Street to Bangor shall have a journey time of no more than 195 minutes	4	191
Birmingham New Street	Holyhead	5	234	5 services from Birmingham New Street to Holyhead shall have a journey time of no more than 234 minutes	4	229
Holyhead	Birmingham New Street	5	247	5 services from Holyhead to Birmingham New Street shall have a journey time of no more than 247 minutes	4	245
Bangor	Birmingham New Street	5	212	5 services from Bangor to Birmingham New Street shall have a journey time of no more than 212 minutes	4	210
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	188
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	127
Wrexham	Birmingham New Street	6	114	6 services from Wrexham to Birmingham New Street shall have a journey time of no more than 114 minutes	5	113
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	15	112	15 services from Aberystwyth to Shrewsbury shall have a journey time of no more than 112 minutes	12	110
Aberystwyth	Birmingham New Street	13	185	13 services from Aberystwyth to Birmingham New Street shall have a journey time of no more than 185 minutes	6	184
Birmingham New Street	Aberystwyth	13	189	13 services from Birmingham New Street to Aberystwyth shall have a journey time of no more than 189 minutes	7	177
Shrewsbury	Aberystwyth	16	120	16 services from Shrewsbury to Aberystwyth shall have a journey time of no more than 120 minutes	12	115
Pwelli	Shrewsbury	5	236	5 services from to shall have a journey time of no more than 236 minutes	4	228
Pwelli	Birmingham New Street	5	303	5 services from to shall have a journey time of no more than 303 minutes	4	298
Birmingham New Street	Pwelli	5	300	5 services from to shall have a journey time of no more than 300 minutes	4	299
Shrewsbury	Pwelli	5	238	5 services from to shall have a journey time of no more than 238 minutes	4	237
Manchester Piccadilly	Chester	21	68	21 services from Manchester Piccadilly to Chester shall have a journey time of no more than 68 minutes	20	66
Manchester Piccadilly	Llandudno Junction	14	128	14 services from Manchester Piccadilly to Llandudno Junction shall have a journey time of no more than 128 minutes	11	113
Llandudno Junction	Manchester Piccadilly	15	125	15 services from Llandudno Junction to Manchester Piccadilly shall have a journey time of no more than 125 minutes	13	112
Chester	Manchester Piccadilly	21	71	21 services from Chester to Manchester Piccadilly shall have a journey time of no more than 71 minutes	16	62
Fishguard Harbour	Swansea	2	114	2 services from Fishguard Harbour to Swansea shall have a journey time of no more than 114 minutes	2	114
Milford Haven	Swansea	8	105	8 services from Milford Haven to Swansea shall have a journey time of no more than 105 minutes	6	104
Pembroke Dock	Swansea	7	147	7 services from Pembroke Dock to Swansea shall have a journey time of no more than 147 minutes	6	140
Swansea	Fishguard Harbour	4	117	4 services from Swansea to Fishguard Harbour shall have a journey time of no more than 117 minutes	3	117
Swansea	Milford Haven	9	115	9 services from Swansea to Milford Haven shall have a journey time of no more than 115 minutes	8	110
Swansea	Pembroke Dock	5	142	5 services from Swansea to Pembroke Dock shall have a journey time of no more than 142 minutes	4	141
Fishguard Harbour	Cardiff Central	2	179	2 services from Fishguard Harbour to Cardiff Central shall have a journey time of no more than 179 minutes	2	179
Milford Haven	Cardiff Central	8	170	8 services from Milford Haven to Cardiff Central shall have a journey time of no more than 170 minutes	6	168
Cardiff Central	Fishguard Harbour	1	180	1 services from Cardiff Central to Fishguard Harbour shall have a journey time of no more than 180 minutes	1	180
Cardiff Central	Milford Haven	9	194	9 services from Cardiff Central to Milford Haven shall have a journey time of no more than 194 minutes	7	180
Cardiff Central	Pembroke Dock	1	213	1 services from Cardiff Central to Pembroke Dock shall have a journey time of no more than 213 minutes	1	213

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	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	H	I	J	K	L	M		N
	0659	0700 - 0959	1000 - 1559	1600 - 1859			1900 - 2159	2200 - 0159	Total Day						
Cardiff Central	CDF						4	10	18	9	6	3	50		
Pontyclun	PYC	5:38	23:15				1	3	6	5	3	2	20		
Llanharan	LLR	5:38	23:15				1	3	6	4	3	2	19		
Pencoed	PCD	5:38	23:15				1	3	6	5	3	2	20		
Bridgend	BGN	5:38	23:15				4	10	18	9	6	3	50	Excludes services via RIA	
Wildmill	WMI	5:55	22:34				2	3	6	3	3	1	18		
Sarn	SRR	5:55	22:34				2	3	6	3	3	1	18		
Tondu	TDU	5:55	22:34				2	3	6	3	3	1	18		
Garth Mid Glam	GMG	5:55	22:34				2	3	6	3	3	1	18		
Maesteg Eweny Rd	MEW	5:55	22:34				2	3	6	3	3	1	18		
Maesteg	MST	5:55	22:34				2	3	6	3	3	1	18		
Pyle	PYL	5:38	23:17				2	3	3	4	2	1	15		
Port Talbot Parkway	PTA	5:38	23:17				2	5	9	4	3	2	25		
Baglan	BAJ	5:38	23:17				2	3	3	3	0	1	12		
Briton Ferry	BNF	5:38	23:17				2	3	3	3	0	1	12		
Neath	NTH	5:38	23:17				2	5	9	4	3	1	24	1 additional call to be provided FO by a service departing CDF 22:00-0159	
Skewen	SKE	5:38	23:17				2	3	3	3	0	1	12		
Llansamlet	LAS	5:38	23:17				2	3	3	3	0	1	12		
Swansea	SWA	5:38	23:17				2	5	9	4	3	1	24	1 additional call to be provided FO by a service departing CDF 22:00-0159	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
51	30	51 services from Cardiff Central to Bridgend shall have a journey time of no more than 30 minutes	38	27	Of which 38 services shall have a journey time of no more than 27 minutes
18	50	18 services from Cardiff Central to Maesteg shall have a journey time of no more than 50 minutes	18	50	Of which 18 services shall have a journey time of no more than 50 minutes
25	75	25 services from Cardiff Central to Swansea shall have a journey time of no more than 75 minutes	19	68	Of which 19 services shall have a journey time of no more than 68 minutes

End

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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			7:45	23:40			0	4	10	5	3	2	24	
Llansamlet	LAS			7:45	23:40			0	1	3	3	1	2	10	
Skewen	SKE			7:45	23:40			0	1	3	3	1	2	10	
Neath	NTH			7:45	23:40			0	4	9	5	3	2	23	
Briton Ferry	BNF			7:45	23:40			0	1	3	3	1	2	10	
Baglan	BAJ			7:45	23:40			0	1	3	3	1	2	10	
Port Talbot Parkway	PTA			6:45	23:40			1	4	9	5	3	2	24	
Pyle	PYL			6:45	23:40			1	3	3	3	1	2	13	
Maesteg	MST			7:35	23:06			0	3	6	3	3	2	17	
Maesteg Eweny Rd	MEW			7:35	23:06			0	3	6	3	3	2	17	
Garth Mid Glam	GMG			7:35	23:06			0	3	6	3	3	2	17	
Tondu	TDU			7:35	23:06			0	3	6	3	3	2	17	
Sarn	SRR			7:35	23:06			0	3	6	3	3	2	17	
Wildmill	WMI			7:35	23:06			0	3	6	3	3	2	17	
Bridgend	BGN			6:45	23:40			1	9	21	11	6	4	52	Excludes services via RIA
Pencoed	PCD			6:45	23:06			1	5	6	3	3	2	20	
Llanharan	LLR			6:45	23:06			1	5	6	3	3	2	20	
Pontyclun	PYC			6:45	23:06			1	5	6	3	3	2	20	
Cardiff Central	CDF							1	9	21	11	6	4	52	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
24	69	24 services from Swansea to Cardiff Central shall have a journey time of no more than 69 minutes	18	63	Of which 18 services shall have a journey time of no more than 63 minutes
17	53	17 services from Maesteg to Cardiff Central shall have a journey time of no more than 53 minutes	14	50	Of which 14 services shall have a journey time of no more than 50 minutes
52	34	52 services from Bridgend to Cardiff shall have a journey time of no more than 34 minutes	44	29	Of which 44 services shall have a journey time of no more than 29 minutes

End

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

Weekdays TSR 2 December 2023 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

**Cardiff South Departures (Monday - Thursday)**

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							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	
Cardiff Central	CDF	dep		6:20	23:00			15	33	66	32	20	11	177	
Ninian Park	NNP			6:20	23:00			2	6	12	6	6	3	35	
Waungron Park	WNG			6:20	23:00			2	6	12	6	6	3	35	
Fairwater	FRW			6:20	23:00			2	6	12	6	6	3	35	
Danescourt	DCT			6:20	23:00			2	6	12	6	6	3	35	
Radyr	RDR			6:20	23:00			2	6	12	6	6	3	35	Stopping services on City Line via FRW only
Grange town (Cardiff)	GTN			5:07	23:30			13	27	54	26	14	8	142	
Dingle Road	DGL			6:15	23:21			4	12	24	11	6	4	61	
Penarth	PEN			6:15	23:21			4	12	24	11	6	4	61	
Cogan	CGN			5:07	23:30			9	15	30	15	8	4	81	
Eastbrook	EBK			5:07	23:30			9	15	30	15	8	4	81	
Dinas Powys	DNS			5:07	23:30			9	15	30	15	8	4	81	
Cadoxton	CAD			5:07	23:30			9	15	30	15	8	4	81	
Barry Docks	BYD			5:07	23:30			9	15	30	15	8	4	81	
Barry	BRY			5:07	23:30			9	15	30	15	8	4	81	
Barry Island	BYI			5:20	23:30			5	9	18	9	5	3	49	
Rhose Cardiff International A/RIA				5:20	22:40			4	6	12	6	3	1	32	
Llantwit Major	LWM			5:20	22:40			4	6	12	6	3	1	32	
Bridgend	BGN	arr		5:20	22:40			4	6	12	6	3	1	32	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
35	15	35 services from Cardiff Central to Radyr shall have a journey time of no more than 15 minutes	35	15	Of which 35 services shall have a journey time of no more than 15 minutes
61	14	61 services from Cardiff Central to Penarth shall have a journey time of no more than 14 minutes	48	13	Of which 48 services shall have a journey time of no more than 13 minutes
49	33	49 services from Cardiff Central to Barry Island shall have a journey time of no more than 33 minutes	48	33	Of which 48 services shall have a journey time of no more than 33 minutes
32	63	32 services from Cardiff Central to Bridgend shall have a journey time of no more than 63 minutes	31	61	Of which 31 services shall have a journey time of no more than 61 minutes

End

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

Weekdays TSR 2 December 2023 SX  
 Confidentiality: TBC  
 Version: Final  
 Date: 5/23/2018

**Cardiff South Departures (Friday)**

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							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	
Cardiff Central	CDF	dep						15	33	66	32	20	13	179	
Ninian Park	NNP			6:20	0:00			2	6	12	6	6	5	37	
Waungron Park	WNG			6:20	0:00			2	6	12	6	6	5	37	
Fairwater	FRW			6:20	0:00			2	6	12	6	6	5	37	
Danescourt	DCT			6:20	0:00			2	6	12	6	6	5	37	
Radyr	RDR			6:20	0:00			2	6	12	6	6	5	37	Stopping services on City Line via FRW only
Grange town (Cardiff)	GTN			5:07	23:30			13	27	54	26	14	8	142	
Dingle Road	DGL			6:15	23:21			4	12	24	11	6	4	61	
Penarth	PEN			6:15	23:21			4	12	24	11	6	4	61	
Cogan	CGN			5:07	23:30			9	15	30	15	8	4	81	
Eastbrook	EBK			5:07	23:30			9	15	30	15	8	4	81	
Dinas Powys	DNS			5:07	23:30			9	15	30	15	8	4	81	
Cadoxton	CAD			5:07	23:30			9	15	30	15	8	4	81	
Barry Docks	BYD			5:07	23:30			9	15	30	15	8	4	81	
Barry	BRY			5:07	23:30			9	15	30	15	8	4	81	
Barry Island	BYI			5:20	23:30			5	9	18	9	5	3	49	
Rhose Cardiff International A/RIA				5:20	22:40			4	6	12	6	3	1	32	
Llantwit Major	LWM			5:20	22:40			4	6	12	6	3	1	32	
Bridgend	BGN	arr		5:20	22:40			4	6	12	6	3	1	32	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
37	15	37 services from Cardiff Central to Radyr shall have a journey time of no more than 15 minutes	37	15	Of which 37 services shall have a journey time of no more than 15 minutes
61	14	61 services from Cardiff Central to Penarth shall have a journey time of no more than 14 minutes	47	13	Of which 47 services shall have a journey time of no more than 13 minutes
49	33	49 services from Cardiff Central to Barry Island shall have a journey time of no more than 33 minutes	49	33	Of which 49 services shall have a journey time of no more than 33 minutes
32	63	32 services from Cardiff Central to Bridgend shall have a journey time of no more than 63 minutes	31	61	Of which 31 services shall have a journey time of no more than 61 minutes

End

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

Weekdays TSR 2 December 2023 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	23:45			1	6	12	6	5	2	32	Services via RIA only
Llantwit Major	LWM			6:40	23:45			1	6	12	6	5	2	32	
Rhosee Cardiff International # RIA				6:40	23:45			1	6	12	6	5	2	32	
Barry Island	BYI			5:47	23:23			3	9	18	9	7	3	49	
Barry	BRY			5:47	23:45			4	15	30	15	12	5	81	
Barry Docks	BYD			5:47	23:45			4	15	30	15	12	5	81	
Cadoxton	CAD			5:47	23:45			4	15	30	15	12	5	81	
Dinas Powys	DNS			5:47	23:45			4	15	30	15	12	5	81	
Eastbrook	EBK			5:47	23:45			4	15	30	15	12	5	81	
Cogan	CGN			5:47	23:45			4	15	30	15	12	5	81	
Penarth	PEN			6:15	0:00			4	12	24	12	6	5	63	
Dingle Road	DGL			6:15	0:00			4	12	24	12	6	5	63	
Grangetown (Cardiff)	GTN			5:47	0:00			8	27	54	27	18	10	144	
Radyr	RDR			6:30	23:10			2	6	12	6	6	3	35	Stopping services on City Line via FRW only
Danescourt	DCT			6:30	23:10			2	6	12	6	6	3	35	
Fairwater	FRW			6:30	23:10			2	6	12	6	6	3	35	
Waungron Park	WNG			6:30	23:10			2	6	12	6	6	3	35	
Ninian Park	NNP			6:30	23:10			2	6	12	6	6	3	35	
Cardiff Central	CDF							10	33	66	33	24	13	179	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
32	61	32 services from Bridgend to Cardiff Central shall have a journey time of no more than 61 minutes	32	61	Of which 32 services shall have a journey time of no more than 61 minutes
49	35	49 services from Barry Island to Cardiff Central shall have a journey time of no more than 35 minutes	48	34	Of which 48 services shall have a journey time of no more than 34 minutes
63	19	63 services from Penarth to Cardiff Central shall have a journey time of no more than 19 minutes	50	18	Of which 50 services shall have a journey time of no more than 18 minutes
35	17	35 services from Radyr to Cardiff Central shall have a journey time of no more than 17 minutes	35	17	Of which 35 services shall have a journey time of no more than 17 minutes

End



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

Weekdays TSK 1 December 2023 SX  
 Confidentiality: TBC  
 Version: Final  
 Date: 5/23/2018

**Cardiff North Departures (Monday - Thursday)**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CDF or CDB 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 CDF no later than		Late departure from CDB no earlier than		Total Day															
								to 5:55	to 5:55	to 5:55	to 5:55	0655	0700	0800	1600	1900	2200	0659	0955	1555		1859	2159	0159			
Cardiff Central								18	42	84	42	36	18	240	Includes departures to FRW running north of RDR												
Cardiff Bay	CDB					6:35	23:50	4	18	36	18	18	11	105	All services departing CDB to operate to one or more of the following destinations: PFD, TRB, ABA, MER, RHY, BGD												
Cardiff Queen St	CDQ	5:35	23:35					21	54	108	54	48	28	313													
Heath Low Level	HLL	6:00	23:00					3	6	12	6	6	3	36													
Ty Glas	TGS	6:00	23:00					3	6	12	6	6	3	36													
Berthgrove	BCG	6:00	23:00					3	6	12	6	6	3	36													
Whitford (Cardiff)	WHT	6:00	23:00					3	6	12	6	6	3	36													
Coyton	COY	6:00	23:00					3	6	12	6	6	3	36	36 services from Cardiff Central to Coyton shall have a journey time of no more than 21 minutes												
Heath High Level	HHL	5:34	23:00					8	18	36	18	12	5	97													
Llanishan	LIS	5:34	23:00					8	18	36	18	12	5	97													
Llanishan and Thornhill	LVT	5:34	23:00					8	18	36	18	12	5	97													
Caerghilly	CMH	5:34	23:00					8	18	36	18	12	5	97	57 services from Cardiff Central to Caerghilly shall have a journey time of no more than 23 minutes												
Aber	ABE	6:15	23:00					4	12	24	12	12	5	69													
Energyn & C Rk	ECR	6:15	23:00					4	12	24	12	12	5	69													
Llanidloes	LID	6:15	23:00					4	12	24	12	12	5	69													
Trawsfynydd	TRF	6:15	23:00					4	12	24	12	12	5	69													
Hengoed	HNG	6:15	23:00					4	12	24	12	12	5	69													
Plym	PLY	6:15	23:00					4	12	24	12	12	5	69													
Gilfach Fawr	GFF	6:15	23:00					4	12	24	12	12	5	69	Station Closed. Active travel measures implemented. Reference CQ 255												
Bargoed	BGD	6:15	23:00					4	12	24	12	12	5	69	69 services from Cardiff Central to Bargoed shall have a journey time of no more than 39 minutes												
Birchgrove	BIR	6:15	23:00					4	12	24	12	12	5	69													
Ty phi	TYP	6:15	23:00					4	12	24	12	12	5	69													
Rhymney	RHY	6:15	23:00					4	12	24	12	12	5	69	69 services from Cardiff Central to Rhymney shall have a journey time of no more than 51 minutes												
Clydach	CYS	5:35	23:35					9	30	60	30	30	18	177													
Llanidloes	LID	5:35	23:35					9	30	60	30	30	18	177													
Radyr	RDR	5:35	23:35					11	36	72	36	36	21	212	At Radyr and stations below, stopping services via PRW specified in CDF's Dep may contribute to meeting the required number of calls												
Traff Wael	TAF	5:35	23:35					11	36	72	36	36	21	212													
Treforest Esplanade	TRE	5:35	23:35					11	36	72	36	36	21	212													
Treforest	TRF	5:35	23:35					11	36	72	36	36	21	212													
Pontypridd	PPD	5:35	23:35					11	36	72	36	36	21	212	107 services from Cardiff Central to Pontypridd shall have a journey time of no more than 29 minutes												
Tallontost	TTH	6:35	23:35					2	12	24	12	7	69														
Porth	POR	6:35	23:35					2	12	24	12	7	69														
Dinas Moch Glyn	DMG	6:35	23:35					2	12	24	12	7	69														
Tonypandy	TNP	6:35	23:35					2	12	24	12	7	69														
Llanymyrmair	LLY	6:35	23:35					2	12	24	12	7	69														
Trawsfynydd	TRF	6:35	23:35					2	12	24	12	7	69														
Tonypandy	TNP	6:35	23:35					2	12	24	12	7	69														
Trawsfynydd	TRF	6:35	23:35					2	12	24	12	7	69														
Trawsfynydd	TRF	6:35	23:35					2	12	24	12	7	69														
Trawsfynydd	TRF	6:35	23:35					2	12	24	12	7	69	35 services from Cardiff Central to Trawsfynydd shall have a journey time of no more than 54 minutes													
Abertillery	ACT	5:25	23:11					9	24	48	24	24	14	143													
Penyffordd	PFY	6:10	23:00					4	12	24	12	7	71														
Mountain Ash	MTA	6:10	23:00					4	12	24	12	7	71														
Fenni	FEN	6:10	23:00					4	12	24	12	7	71														
Cardiff	CDH	6:10	23:00					4	12	24	12	7	71														
Abertillery	ABA	6:10	23:00					4	12	24	12	7	71	35 services from Cardiff Central to Abertillery shall have a journey time of no more than 51 minutes													
Quakers Yard	QYD	5:25	23:11					5	12	24	12	7	72														
Merthyr Vale	MVY	5:25	23:11					5	12	24	12	7	72														
Trawsfynydd	TRD	5:25	23:11					5	12	24	12	7	72														
Fenni	FEN	5:25	23:11					5	12	24	12	7	72														
Merthyr Tydfil	MER	5:25	23:11					5	12	24	12	7	72	37 services from Cardiff Central to Merthyr Tydfil shall have a journey time of no more than 50 minutes													

End

Journey times													
Number of services	Public journey time (min)		Number of services	Public journey time (min)		Number of services	Public journey time (min)		Number of services	Public journey time (min)		Number of services	Public journey time (min)
208	4	208 services from Cardiff Central to Cardiff Queen St shall have a journey time of no more than 6 minutes	174	4	Of which 174 services shall have a journey time of no more than 4 minutes								
36	27	36 services from Cardiff Central to Coyton shall have a journey time of no more than 21 minutes	36	21	Of which 36 services shall have a journey time of no more than 21 minutes								
97	23	97 services from Cardiff Central to Caerghilly shall have a journey time of no more than 23 minutes	81	20	Of which 81 services shall have a journey time of no more than 20 minutes								
69	39	69 services from Cardiff Central to Bargoed shall have a journey time of no more than 39 minutes	52	38	Of which 52 services shall have a journey time of no more than 38 minutes								
69	52	69 services from Cardiff Central to Rhymney shall have a journey time of no more than 51 minutes	52	51	Of which 52 services shall have a journey time of no more than 51 minutes								
107	29	107 services from Cardiff Central to Pontypridd shall have a journey time of no more than 29 minutes	107	29	Of which 107 services shall have a journey time of no more than 29 minutes								
35	54	35 services from Cardiff Central to Trawsfynydd shall have a journey time of no more than 54 minutes	34	52	Of which 34 services shall have a journey time of no more than 52 minutes								
35	51	35 services from Cardiff Central to Abertillery shall have a journey time of no more than 51 minutes	35	51	Of which 35 services shall have a journey time of no more than 51 minutes								
37	50	37 services from Cardiff Central to Merthyr Tydfil shall have a journey time of no more than 50 minutes	37	50	Of which 37 services shall have a journey time of no more than 50 minutes								



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

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**Cardiff North Departures (Friday)**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CDF or CDB 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		
Cardiff Central	CDF							18	42	84	42	36	27	249		Includes departures via FRW running north of RDR
Cardiff Bay	CDB					4:35	0:00	5	18	36	18	18	12	107		All services departing CDB to appear to one or more of the following destinations: PFD, TRB, ABA, MER, RHY, RGD.
Cardiff Queen St	CDQ			5:25	0:22			22	54	108	54	48	33	319		
Heath Low Level	HLL			6:00	0:00			3	6	12	6	6	5	38		
Ty Glas	TGS			6:00	0:00			3	6	12	6	6	5	38		
Bethelgrove	BCG			6:00	0:00			3	6	12	6	6	5	38		
Bowlands	BOW			6:00	0:00			3	6	12	6	6	5	38		
Whiteworth (Cardiff)	WHT			6:00	0:00			3	6	12	6	6	5	38		
Coynton	COY			6:00	0:00			3	6	12	6	6	5	38		
Heath High Level	HHL			5:34	0:00			8	18	36	18	12	8	100		
Llanishan	LIS			5:34	0:00			8	18	36	18	12	8	100		
Llanwne and Thornhill	LVT			5:34	0:00			8	18	36	18	12	8	100		
Caerphilly	CPH			5:34	0:00			8	18	36	18	12	8	100		
Aber	ABE			6:15	0:00			4	12	24	12	12	8	72		
Energy & C.N.	ECP			6:15	0:00			4	12	24	12	12	8	72		
Llantrisant	LNB			6:15	0:00			4	12	24	12	12	8	72		
Ystrad Meneath	YMH			6:15	0:00			4	12	24	12	12	8	72		
Hengoed	HNG			6:15	0:00			4	12	24	12	12	8	72		
Phosgen	PHG			6:15	0:00			4	12	24	12	12	8	72		
Griffith Furgod	GFF			6:15	0:00			4	12	24	12	12	8	72		Station Closed. Active travel measures implemented. Reference CQ 355
Bargod	BGD			6:15	0:00			4	12	24	12	12	8	72		
Brakrui	BRK			6:15	0:00			4	12	24	12	12	8	72		
Ty phi	TRP			6:15	0:00			4	12	24	12	12	8	72		
Rhymney	RHT			6:15	0:00			4	12	24	12	12	8	72		
Rhymney	RHY			6:15	0:00			4	12	24	12	12	8	72		
Cyhan	CYS			5:25	0:22			10	30	60	30	30	22	182		
Llanidaf	LIN			5:25	0:22			10	30	60	30	30	22	182		
Radyr	RDR			5:25	0:22			12	36	72	36	36	27	219		All Radyr and stations below, stopping services via FRW specified in CDF/S Dep may contribute to meet the required pattern of calls.
Taff Well	TAF			5:25	0:22			12	36	72	36	36	27	219		
Treforest Beas	TRE			5:25	0:22			12	36	72	36	36	27	219		
Treforest	TRF			5:25	0:22			12	36	72	36	36	27	219		
Pontypridd	PPD			5:25	0:22			12	36	72	36	36	27	219		
Trehafod	TRH			6:35	0:22			2	12	24	12	12	9	71		
Porth	POR			6:35	0:22			2	12	24	12	12	9	71		
Dinas Mwl Glam	DMG			6:35	0:22			2	12	24	12	12	9	71		
Tonypandy	TYP			6:35	0:22			2	12	24	12	12	9	71		
Uchrygola	ULY			6:35	0:22			2	12	24	12	12	9	71		
Toral Rhondda	TRR			6:35	0:22			2	12	24	12	12	9	71		
Ton Trefe	TRF			6:35	0:22			2	12	24	12	12	9	71		
Treherby	TRT			6:35	0:22			2	12	24	12	12	9	71		
Ystrad	YYS			6:35	0:22			2	12	24	12	12	9	71		
Treherbert	TRH			6:35	0:22			2	12	24	12	12	9	71		
Abercromby	ACT			5:25	0:11			10	24	48	24	24	18	148		
Restwili	RER			6:10	0:00			4	12	24	12	12	9	73		
Morvan Ash	MTA			6:10	0:00			4	12	24	12	12	9	73		
Ferhill	FER			6:10	0:00			4	12	24	12	12	9	73		
Cwmbach	CPH			6:10	0:00			4	12	24	12	12	9	73		
Aberdare	ABA			6:10	0:00			4	12	24	12	12	9	73		
Quakers Yard	QYD			5:25	0:11			6	12	24	12	12	9	75		
Mentley Vale	MNV			5:25	0:11			6	12	24	12	12	9	75		
Troed Y Rhaw	TRD			5:25	0:11			6	12	24	12	12	9	75		
Ffynon Iath	FFI			5:25	0:11			6	12	24	12	12	9	75		
Mentley Tylli	MER			5:25	0:11			6	12	24	12	12	9	75		

End

Number of services	Public journey time (mins)	Journey times					Number of services	Public journey time (mins)									
		P	Q	R	S	T			U								
212	6	212	6	212	6	212	6	212	6	212	6	212	6	212	6	212	6
28	27	28	27	28	27	28	27	28	27	28	27	28	27	28	27	28	27
108	23	108	23	108	23	108	23	108	23	108	23	108	23	108	23	108	23
72	39	72	39	72	39	72	39	72	39	72	39	72	39	72	39	72	39
72	52	72	52	72	52	72	52	72	52	72	52	72	52	72	52	72	52
111	29	111	29	111	29	111	29	111	29	111	29	111	29	111	29	111	29
36	52	36	52	36	52	36	52	36	52	36	52	36	52	36	52	36	52
27	51	27	51	27	51	27	51	27	51	27	51	27	51	27	51	27	51
38	50	38	50	38	50	38	50	38	50	38	50	38	50	38	50	38	50

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

Weekdays T&R 1 December 2023 SX  
 Confidentiality: TBC  
 Version: Final  
 Date: 12/12/2018

**Cardiff North Arrivals**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CDF or CDB during given timeband unless otherwise stated							Total	Notes on additional requirements for number of calls at Station and direct links to other stations
								0659	0759	1000	1600	1900	2200	Day		
Merthyr Tydfil	HER	6:18	23:58					3	12	24	12	12	9	72		
Pennrhybach	PTB	6:18	23:58					3	12	24	12	12	9	72		
Towst Y Rhodfa	TRD	6:18	23:58					3	12	24	12	12	9	72		
Merthyr Vale	MEV	6:18	23:58					3	12	24	12	12	9	72		
Quakers Yard	QYD	6:18	23:58					3	12	24	12	12	9	72		
Aberdare	ABA	6:30	23:05					3	12	24	12	12	7	70		
Cwmfach	CHM	6:30	23:05					3	12	24	12	12	7	70		
Fenniell	FER	6:30	23:05					3	12	24	12	12	7	70		
Mountain Ash	MTA	6:30	23:05					3	12	24	12	12	7	70		
Pentwyn	PER	6:30	23:05					3	12	24	12	12	7	70		
Abertillery	ACT	6:18	23:58					6	24	48	24	24	16	142		
Trehertel	TRB	6:30	23:12					3	12	24	12	12	6	69		
Ynysymon	YNW	6:30	23:12					3	12	24	12	12	6	69		
Ton Pentre	TPN	6:30	23:12					3	12	24	12	12	6	69		
Yard Rhodfa	YRH	6:30	23:12					3	12	24	12	12	6	69		
Llantrisant	LNT	6:30	23:12					3	12	24	12	12	6	69		
Tonypandy	TNP	6:30	23:12					3	12	24	12	12	6	69		
Dinas Mawddoch	DMG	6:30	23:12					3	12	24	12	12	6	69		
Porth	POB	6:30	23:12					3	12	24	12	12	6	69		
Trehafod	TRH	6:30	23:12					3	12	24	12	12	6	69		
Rhyl	RHY	6:18	23:58					9	36	72	36	36	22	211		
Treforest	TRF	6:18	23:58					9	36	72	36	36	22	211		
Treforest Estate	TRE	6:18	23:58					9	36	72	36	36	22	211		
Tyffwrdd	TFF	6:18	23:58					9	36	72	36	36	22	211		
Radyr	RDA	6:18	23:58					9	36	72	36	36	22	211	At Radyr and stations above, stopping services via FRW specified in CDF5 Arr may contribute to meeting the required quantum of calls	
Llanidloes	LID	6:18	23:58					7	30	60	30	30	19	176		
Cefn-y-bedd	CYS	6:18	23:58					7	30	60	30	30	19	176		
Rhyl	RHY	6:30	23:15					3	12	24	12	12	6	69		
Pontycyfel	PLT	6:30	23:15					3	12	24	12	12	6	69		
Tir y Gwalch	TIR	6:30	23:15					3	12	24	12	12	6	69		
Bridgend	BHD	6:30	23:15					3	12	24	12	12	6	69		
Burgess	BGD	6:30	23:15					3	12	24	12	12	6	69		
Gwalia	GWA	6:30	23:15					3	12	24	12	12	6	69	Station Closed. Active travel measures implemented. Reference CQ 355	
Pegem	PEM	6:30	23:15					3	12	24	12	12	6	69		
Hengoed	HNG	6:30	23:15					3	12	24	12	12	6	69		
Towst Y Rhodfa	TRD	6:30	23:15					3	12	24	12	12	6	69		
Llantrisant	LNT	6:30	23:15					3	12	24	12	12	6	69		
Emerlyn & C.P.	ECP	6:30	23:15					3	12	24	12	12	6	69		
Aber	ABE	6:30	23:15					3	12	24	12	12	6	69		
Cerphilly	CPH	6:30	23:15					5	18	36	18	14	6	97		
Llanvannor and Thornhill	LVT	6:30	23:15					5	18	36	18	14	6	97		
Llanvannor	LVS	6:30	23:15					5	18	36	18	14	6	97		
Heath High Level	HHS	6:30	23:15					5	18	36	18	14	6	97		
Corbyn	COY	6:30	23:30					1	6	12	6	6	5	36		
Whitchurch (Cardiff)	WHT	6:30	23:30					1	6	12	6	6	5	36		
Rinowina	RIN	6:30	23:30					1	6	12	6	6	5	36		
Bodgrynes	BOD	6:30	23:30					1	6	12	6	6	5	36		
Ty Glas	TGS	6:30	23:30					1	6	12	6	6	5	36		
Heath Low Level	HLL	6:30	23:30					1	6	12	6	6	5	36		
Cardiff Queen St	CDQ	5:57	0:05					15	54	108	54	50	30	311		
Cardiff Bay	CDB					6:35	23:50	3	18	36	18	18	11	104	All services arriving at CDB to operate from one or more of the following destinations: PPD, TRB, ABA, HER, RHY, BGD	
Cardiff Central	CDF							12	42	84	42	38	22	240	Includes arrivals via FRW commencing north of RDR	

End

Journey times									
Number of services	Public journey time (mins)	Notes	Number of services	Public journey time (mins)	Notes				
						P	Q	R	S
37	51	37 services from Merthyr Tydfil to Cardiff Central shall have a journey time of no more than 51 minutes	37	51	Of which 37 services shall have a journey time of no more than 51 minutes				
35	52	35 services from Aberdare to Cardiff Central shall have a journey time of no more than 52 minutes	35	52	Of which 35 services shall have a journey time of no more than 52 minutes				
35	53	35 services from Trehertel to Cardiff Central shall have a journey time of no more than 53 minutes	34	52	Of which 34 services shall have a journey time of no more than 52 minutes				
107	31	107 services from Pontycyfel to Cardiff Central shall have a journey time of no more than 31 minutes	107	31	Of which 107 services shall have a journey time of no more than 31 minutes				
69	51	69 services from Rhymney to Cardiff Central shall have a journey time of no more than 51 minutes	52	50	Of which 52 services shall have a journey time of no more than 50 minutes				
69	29	69 services from Burgess to Cardiff Central shall have a journey time of no more than 29 minutes	52	28	Of which 52 services shall have a journey time of no more than 28 minutes				
97	21	97 services from Cerphilly to Cardiff Central shall have a journey time of no more than 21 minutes	82	20	Of which 82 services shall have a journey time of no more than 20 minutes				
36	20	36 services from Corbyn to Cardiff Central shall have a journey time of no more than 20 minutes	36	20	Of which 36 services shall have a journey time of no more than 20 minutes				
207	5	207 services from Cardiff Queen St to Cardiff Central shall have a journey time of no more than 5 minutes	171	4	Of which 171 services shall have a journey time of no more than 4 minutes				

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

Weekdays TSR 2 December 2023 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

**Borderlands Departures**

Station				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							Notes on additional requirements for number of calls at Station and direct links to other stations
	A	B	C					0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
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	
Caergwrie	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	HWD		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				1	1	1	3	0	0	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 2 December 2023 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			8:06	23:49			0	5	12	6	4	1	28	
Upton Merseyside	UPT			8:06	23:49			0	5	12	6	4	1	28	
Heswall	HSW			8:06	23:49			0	5	12	6	4	1	28	
Neston	NES			8:06	23:49			0	5	12	6	4	1	28	
Hawarden Bridge	HWB			8:06	18:40			0	2	0	3	0	0	5	
Shotton	SHT			8:06	23:49			0	5	12	6	4	1	28	
Hawarden	HWD			8:06	23:49			0	3	6	3	2	1	15	
Buckley	BCK			8:06	23:49			0	5	12	6	4	1	28	
Penyffordd	PNF			8:06	23:49			0	3	6	3	2	1	15	
Hope Clwyd	HPE			8:06	23:49			0	3	6	3	2	1	15	
Caergwle	CGW			8:06	23:49			0	3	6	3	2	1	15	
Cefn Y Bedd	CYB			8:06	23:49			0	3	6	3	2	1	15	
Gwersyllt	GWE			8:06	23:49			0	5	12	6	4	1	28	
Wrexham General	WRX							0	5	12	6	4	1	28	
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 TSK 2 December 2023 SX  
 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
								0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day	
								H	I	J	K	L	M	N	
Cardiff Central	CDF							8	12	25	14	10	4	73	
Pye Corner	PYE	6:35	23:05					1	3	6	3	3	1	17	
Ragstone	RGR	6:35	23:05					1	3	6	3	3	1	17	
Risca & Porthmeir	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	
Newbridge	NBE	6:35	23:05					1	3	6	3	3	1	17	
Llanhllw	LTH	6:35	23:05					1	3	6	3	3	1	17	
Blue Vale Parkway	BBV	6:35	23:05					1	3	6	3	3	1	17	
Blue Vale Town	BBT	6:35	23:05					1	3	6	3	3	1	17	
Newport Gwent	NWP	4:35	0:30					7	9	19	11	7	3	56	Between 0700 and 2200, 1 additional service per hour shall run from NWP to EBB, calling at stations. A minimum of 16 additional services per day
Swain Tunnel Junction	STJ	5:32	23:10					2	3	6	3	3	2	19	
Caio	CDT	5:32	23:10					2	3	6	3	3	2	19	
Chaprow	CPW	5:32	23:10					2	3	6	3	3	2	19	
Lytton	LTD	5:32	23:10					2	3	6	3	3	2	19	
Gloucester	GCR	5:32	23:10					2	3	6	3	3	2	19	
Cherlton Spa	CHS	5:32	23:10					2	3	6	3	3	1	18	
Ceintre	CWN	4:35	0:30					5	6	12	8	4	1	36	
Ponygoed New Inn	PPL	4:35	0:30					4	3	7	5	3	1	23	
Alington	AGV	4:35	0:30					5	6	12	8	4	1	36	
Hereford	HFD	4:35	0:30					4	3	7	5	3	1	23	
Leominster	LEO	4:35	21:55					5	3	10	6	4	0	30	
Ludlow	LUD	4:35	21:55					5	3	10	6	4	0	30	
Crews Arms	CRV	4:35	21:55					5	3	9	5	4	0	26	Excludes services via HoW Line
Church Stretton	CTT	4:35	21:55					5	3	9	5	4	0	26	Excludes services via HoW Line
Shrewsbury	SHR	4:35	21:55					5	6	12	8	4	0	35	Excludes services via HoW Line

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
17	62	17 services from Cardiff Central to Ebbw Vale Town shall have a journey time of no more than 62 minutes	16	61
56	22	56 services from Cardiff Central to Newport Gwent shall have a journey time of no more than 22 minutes	49	17
19	81	19 services from Cardiff Central to Gloucester shall have a journey time of no more than 81 minutes	15	70
18	88	18 services from Cardiff Central to Cherlton Spa shall have a journey time of no more than 88 minutes	14	82
36	77	36 services from Cardiff Central to Hereford shall have a journey time of no more than 77 minutes	27	66
35	128	35 services from Cardiff Central to Shrewsbury shall have a journey time of no more than 128 minutes	28	121

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
								0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day	
								H	I	J	K	L	M	N	
Shrewsbury	SHR							2	7	12	7	7	3	38	
Colwyn	COB	5:20	23:35					2	7	12	6	6	2	35	
Cluck	CLK	5:20	23:35					2	4	6	3	5	2	22	
Ruston	RUA	5:20	23:35					2	4	6	3	5	2	22	
Wrexham General	WRX	5:20	23:35					2	7	12	6	6	2	35	
Chester	CTR	5:20	23:35					1	6	12	7	7	3	35	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 TSK2
Shrewsbury	SHR	5:31	0:10					2	4	9	5	5	3	38	
Turton	YAT	5:31	0:10					1	1	3	2	1	3	11	
Wem	WEM	5:31	0:10					2	2	3	3	1	3	14	
Pies	PIE	5:31	0:10					1	1	3	2	1	3	11	
Whitchurch Salop	WTC	5:31	0:10					2	3	7	4	3	3	22	
Walsley	WRE	5:31	0:10					1	1	3	2	1	3	11	
Nuneaton	NAN	5:31	0:10					2	3	7	4	3	3	22	
Crews	CRE	5:31	0:10					2	4	9	5	5	3	38	One additional service to MAN departing CRE 0200-0659 to be provided
Wilmsham	WHL	6:45	22:20					1	3	6	2	3	1	16	One additional service to MAN departing CRE 0200-0659 to be provided
Sackport	SPT	6:45	22:20					1	3	6	2	3	1	16	One additional service to MAN departing CRE 0200-0659 to be provided
Manchester Piccadilly	MAN	6:45	22:24	B05	23:39			1	3	6	2	3	2	17	One additional service to MAN departing CRE 0200-0659 to be provided

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
35	44	35 services from Shrewsbury to Wrexham General shall have a journey time of no more than 44 minutes	27	35
36	68	36 services from Shrewsbury to Chester shall have a journey time of no more than 68 minutes	27	54
28	52	28 services from Shrewsbury to Crews shall have a journey time of no more than 52 minutes	22	50
17	124	17 services from Shrewsbury to Manchester Piccadilly shall have a journey time of no more than 124 minutes	13	94

End

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

Weekdays TSK 2 December 2023 SX  
 Confidentiality: TBC  
 Version: Final  
 Date: 5/23/2018

**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							Notes on additional requirements for number of calls at Station and direct links to other stations
								0700-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day	
								H	I	J	K	L	M	N	
Strewsbury	SHR	7:50	1:20					0	6	13	6	6	4	35	Excludes services via HoW Line
Church Stretton	CTT	7:50	1:20					0	4	4	3	4	3	18	Excludes services via HoW Line
Cross Arms	CAK	7:50	1:20					0	4	3	3	4	3	17	Excludes services via HoW Line
Lidlow	LUD	7:50	1:20					0	5	12	6	6	4	33	
Leominster	LEO	7:50	1:20					0	5	6	3	4	3	21	
Hereford	HFD	6:45	1:20					1	6	12	6	6	4	35	
Abergenny	AGV	6:45	1:20					1	5	12	6	6	4	34	
Pompton New Inn	PNL	6:45	0:14					1	4	3	3	2	2	15	
Cewick	CWK	6:45	1:20					1	5	11	5	6	4	32	
Cheltenham Spa	CHM	7:01	0:40					0	4	6	3	3	3	19	
GloUCEster	GCR	7:01	0:40					0	4	6	3	3	3	19	
Lidlow	LUD	7:01	0:40					0	4	6	3	3	3	19	
Chagnew	CPW	7:01	0:40					0	4	6	3	3	3	19	
Caldicot	CDT	7:01	0:40					0	4	6	3	3	3	19	
Seven Tunnels Junction	STJ	7:01	0:40					0	4	6	3	3	3	19	
Newport Gwent	NWP	6:45	1:20					1	10	20	9	9	9	58	
Elbow Vale Town	EBV	7:32	23:45					0	3	6	3	3	4	19	Between 0700 and 2200, 1 additional service per hour shall run from EBV to NWP, calling at stations. A minimum of 16 additional services per day
Elbow Vale Parkway	EBV	7:32	23:45					0	3	6	3	3	4	19	
Llithfarch	LTH	7:32	23:45					0	3	6	3	3	4	19	
Newbridge	NRE	7:32	23:45					0	3	6	3	3	4	19	
Crosskeys	CKY	7:32	23:45					0	3	6	3	3	4	19	
Ross & Pompton	RPA	7:32	23:45					0	3	6	3	3	4	19	
Radstone	RDR	7:32	23:45					0	3	6	3	3	4	19	
Pye Corner	PYE	7:32	23:45					0	3	6	3	3	4	19	
Cardiff Central	CCF	6:45	1:20					1	13	26	12	12	13	77	

Journey times									
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)					
						P	Q	R	S
35	137	15 services from Strewsbury to Cardiff Central shall have a journey time of no more than 137 minutes	28	124	Of which 28 services shall have a journey time of no more than 124 minutes				
35	84	15 services from Hereford to Cardiff Central shall have a journey time of no more than 84 minutes	28	72	Of which 28 services shall have a journey time of no more than 72 minutes				
19	103	19 services from Cheltenham Spa to Cardiff Central shall have a journey time of no more than 103 minutes	16	85	Of which 16 services shall have a journey time of no more than 85 minutes				
19	81	19 services from Gloucester to Cardiff Central shall have a journey time of no more than 81 minutes	15	73	Of which 15 services shall have a journey time of no more than 73 minutes				
58	21	58 services from Newport Gwent to Cardiff Central shall have a journey time of no more than 21 minutes	47	21	Of which 47 services shall have a journey time of no more than 21 minutes				
19	71	19 services from Elbow Vale Town to Cardiff Central shall have a journey time of no more than 71 minutes	16	65	Of which 16 services shall have a journey time of no more than 65 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							Notes on additional requirements for number of calls at Station and direct links to other stations
								0700-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day	
								H	I	J	K	L	M	N	
Chester	CTR	6:30	23:23					1	5	13	6	4	3	32	
Wrexham General	WRK	6:30	23:23					1	5	13	6	4	3	32	
Ruston	RUA	6:30	23:23					1	3	8	3	3	3	21	
Chirk	CHK	6:30	23:23					1	3	8	3	3	3	21	
Gabonau	GOB	6:30	23:23					1	4	13	6	4	3	31	
Strewsbury	SHR							1	5	13	6	4	3	32	
Alderley Edge	ALD	7:41	0:05					0	3	6	3	2	3	17	
Manchester Piccadilly	MAN	7:41	0:05					0	3	6	3	2	3	17	
Saugholme	SPT	7:41	0:05					0	3	6	3	2	3	17	
Widmore	WVL	7:41	0:05					0	3	6	3	2	3	17	
Crews	CRE	5:30	0:05					2	5	9	5	3	3	27	
Nantwich	NAN	5:30	0:05					2	3	4	4	3	3	19	
Wintbury	WVB	6:45	0:05					1	1	3	2	2	3	12	
Whitworth Salop	WVC	5:30	0:05					2	2	4	4	3	3	18	
Prees	PRE	6:45	0:05					1	1	3	2	2	3	12	
Wem	WEM	5:30	0:05					3	3	3	4	3	3	17	
Tyton	TYT	6:45	0:05					1	1	3	2	2	3	12	
Strewsbury	SHR							2	5	9	5	3	3	27	

Journey times									
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)					
						P	Q	R	S
32	58	32 services from Chester to Strewsbury shall have a journey time of no more than 58 minutes	26	54	Of which 26 services shall have a journey time of no more than 54 minutes				
32	42	32 services from Wrexham General to Strewsbury shall have a journey time of no more than 42 minutes	29	39	Of which 29 services shall have a journey time of no more than 39 minutes				
17	100	17 services from Manchester Piccadilly to Strewsbury shall have a journey time of no more than 100 minutes	13	82	Of which 13 services shall have a journey time of no more than 82 minutes				
27	57	27 services from Crews to Strewsbury shall have a journey time of no more than 57 minutes	22	52	Of which 22 services shall have a journey time of no more than 52 minutes				

End

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

Weekdays TSR 2 December 2023 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

**Swansea West Departures**

Station	Early departure from SWA to Stn no later than		Late departure from SWA to Stn no earlier than		Column unused	Column unused	Minimum number of calls at station by W&B services departing from SWA 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								
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 22:00-0159		
Gowerton	GNW	5:45	23:45					2	2	8	7	3	3	25	Excludes services via HoW Line, 1 additional call to be provided FO by a service departing CDF 22:00-0159		
Llanelli	LLE	5:45	23:45					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 22:00-0159.		
Pembrey & Burry Port	PBY	5:45	23:45					2	2	9	6	3	3	25	1 additional call to be provided by additional service from CDF departing CDF 22:00-0159.		
Kidwelly	KWL	5:45	23:45					2	2	4	4	2	3	17	1 additional call to be provided by additional service from CDF departing CDF 22:00-0159.		
Ferryside	FYS	5:45	23:45					2	2	4	4	2	3	17	1 additional call to be provided by additional service from CDF departing CDF 22:00-0159.		
Carmarthen	CMN	5:45	23:45					2	3	9	6	3	3	26	1 additional call to be provided by additional service from CDF departing CDF 22:00-0159.		

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
29	21	29 services from Swansea to Llanelli shall have a journey time of no more than 21 minutes	20	19	Of which 20 services shall have a journey time of no more than 19 minutes
26	59	26 services from Swansea to Carmarthen shall have a journey time of no more than 59 minutes	20	51	Of which 20 services shall have a journey time of no more than 51 minutes

Station	Early departure from CMN to Stn no later than		Late departure from CMN to Stn no earlier than		Column unused	Column unused	Minimum number of calls at station by W&B services departing from CMN 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								
Carmarthen	CMN							5	4	6	3	5	1	24			
Whitland	WTL	4:56	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	5:35	21:09					2	1	3	1	2	0	9			
Kilgetty	KGT	5:35	21:09					2	1	3	1	2	0	9			
Saundersfoot	SDF	5:35	21:09					2	1	3	1	2	0	9			
Tenby	TEN	5:35	21:09					2	1	3	1	2	0	9			
Penally	PNA	5:35	21:09					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159		
Manorbier	MRB	5:35	21:09					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159		
Lamphey	LAM	5:35	21:09					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159		
Pembroke	PMB	5:35	21:09					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159		
Pembroke Dock	PMD	5:35	21:09					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159		
Clunderwen	CUW	4:56	23:20					3	3	3	3	3	1	16			
Clarbeston Road	CLR	4:56	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	4:56	23:20					2	2	3	1	2	1	11			
Johnston Dyfed	JOH	4:56	23:20					2	2	3	1	2	1	11			
Millford Haven	MFH	4:56	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	6	85	Of which 6 services shall have a journey time of no more than 85 minutes
11	60	11 services from Carmarthen to Millford Haven shall have a journey time of no more than 60 minutes	11	60	Of which 11 services shall have a journey time of no more than 60 minutes
5	69	5 services from Carmarthen to Fishguard Harbour shall have a journey time of no more than 69 minutes	3	59	Of which 3 services shall have a journey time of no more than 59 minutes

End



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

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**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		3:48	0:05			2	5	9	4	4	2	26	3 additional calls to be provided by services departing CMN, one to LLV departing CMN 0200-0659, one to CDF departing CMN 0200-0659, one to CDF departing CMN 1000-1559	
Ferryside		FYS		6:37	0:05			1	5	3	2	2	2	15		
Kidwelly		KWL		6:37	0:05			1	5	3	2	2	2	15		
Pembrey & Burry Port		PBY		6:37	0:05			1	5	9	4	4	2	25	2 additional calls to be provided by services departing CMN, one to LLV departing CMN 0200-0659, one to CDF departing CMN 0200-0659	
Llanelli		LLE		3:48	0:05			2	5	10	5	4	2	28	Excludes services via HoW Line 3 additional calls to be provided by services departing CMN, one to LLV departing CMN 0200-0659, one to CDF departing CMN 0200-0659, one to CDF departing CMN 1000-1559	
Gowerton		GWN		6:37	0:05			1	4	7	4	4	2	22	Excludes services via HoW Line	
Swansea		SWA						2	5	10	5	4	2	28	Excludes services via HoW Line	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
26	59	26 services from Carmarthen to Swansea shall have a journey time of no more than 59 minutes	22	52	Of which 22 services shall have a journey time of no more than 52 minutes
28	27	28 services from Llanelli to Swansea shall have a journey time of no more than 27 minutes	18	24	Of which 18 services shall have a journey time of no more than 24 minutes

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	23:08			0	1	2	0	2	1	6	1 additional call to be provided by an additional service from FGH arriving CLR 0700-0959	
Fishguard & Goodwick		FGW		8:45	23:08			0	1	2	0	2	1	6	1 additional call to be provided by an additional service from FGH arriving CLR 0700-0959	
Millford 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	2	4	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	2	3	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	
Saundersfoot		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		
Whitland		WTL		6:48	1:15			1	3	8	4	5	5	26		
Carmarthen		CMN						1	3	8	4	5	5	26		

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
6	61	6 services from Fishguard Harbour to Carmarthen shall have a journey time of no more than 61 minutes	5	58	Of which 5 services shall have a journey time of no more than 58 minutes
11	58	11 services from Millford Haven to Carmarthen shall have a journey time of no more than 58 minutes	10	56	Of which 10 services shall have a journey time of no more than 56 minutes
8	94	8 services from Pembroke Dock to Carmarthen shall have a journey time of no more than 94 minutes	6	86	Of which 6 services shall have a journey time of no more than 86 minutes



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

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 Confidentiality: TBC  
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 Date: 5/23/2018

**Heart of Wales Departures**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by WBB services departing from 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	1600-1859	1900-2159	2200-0159		
								H	I	J	K	L	M		
Shrewsbury	SHR							2	1	2	1	1	0	7	Includes F&W services only
Church Stretton	CTT	S15	2102					2	1	2	1	1	0	7	Includes F&W services only
Craven Arms	CAW	S15	2102					2	1	2	1	1	0	7	Includes F&W services only
Brecon	BRE	S43	2102					1	1	2	1	1	0	6	Includes F&W services only
Hopson Heath	HPT	S43	2102					1	1	2	1	1	0	6	Includes F&W services only
Builton	BUK	S43	2102					1	1	2	1	1	0	6	Includes F&W services only
Knightsen	KNH	S15	2102					2	1	2	1	1	0	7	Includes F&W services only
Knuckles	KNJ	S43	2102					1	1	2	1	1	0	6	Includes F&W services only
Llangollen	LSO	S43	2102					1	1	2	1	1	0	6	Includes F&W services only
Llanbister Road	LST	S43	2102					1	1	2	1	1	0	6	Includes F&W services only
Dolau	DLA	S43	2102					1	1	2	1	1	0	6	Includes F&W services only
Pen Y Bont	PBY	S43	2102					1	1	2	1	1	0	6	Includes F&W services only
Llanidloes	LLO	S15	2102					2	1	2	1	1	0	7	Includes F&W services only
Bath Road	BWR	S43	1800					1	1	2	1	0	5		
Cilmeri	CMR	S43	1800					1	1	2	1	0	5		
Guth Puwys	GTH	S43	1800					1	1	2	1	0	5		
Llangenarth	LST	S43	1800					1	1	2	1	0	5		
Llanwrtyd	LNW	S43	1800					1	1	2	1	0	5		
EgertLoaf	EGL	S43	1800					1	1	2	1	0	5		
Cynhorby	CYN	S43	1800					1	1	2	1	0	5		
Llanbrydy	LLV	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	
Llanwrthwl	LLW	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	
Llanidloes	LLS	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	
Llanidloes	LLS	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	
Maesteg	MAE	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	
Llanidloes	LLI	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	
Ammanford	AMF	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	
Pen-y-fon	PTF	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	
Pontarddulais	PTD	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	
Llangenarth	LST	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	
Bryn	BYE	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	
Llanelli	LLE	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	
Gwenton	GWN	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	
Swains	SWA	S43	1800					1	1	2	1	0	5	I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA	

End

Journey times						
Number of services	Public journey time (mins)			Number of services	Public journey time (mins)	
F	Q	R	S	T	U	
7	94	7 services from Shrewsbury to Llanidloes shall have a journey time of no more than 94 minutes	6	90	Of which 6 services shall have a journey time of no more than 90 minutes	
7	107	7 services from Llanbrydy to Swains shall have a journey time of no more than 107 minutes	6	94	Of which 6 services shall have a journey time of no more than 94 minutes	
5	251	5 services from Shrewsbury to Swains shall have a journey time of no more than 251 minutes	4	246	Of which 4 services shall have a journey time of no more than 246 minutes	

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

Weekdays TSR 2 December 2023 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

**Heart of Wales Arrivals**

Station				Early arrival at SHR from Stn no later than	Late arrival at SHR from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving in SHR 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					0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Swansea				9:35	22:50			0	1	1	1	1	1	5	Includes services via HoW Line only. 1 further call to be provided by a service to LLV.
Gowerton	GWN			9:35	22:50			0	1	1	1	1	1	5	Includes services via HoW Line only. 1 further call to be provided by a service to LLV.
Llanelli	LLE			9:35	22:50			0	1	1	1	1	1	5	Includes services via HoW only. 1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Bynea	BYE			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Llangennech	LLH			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Pontarddulais	PTD			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Pantyyfynnon	PTF			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Ammanford	AMF			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Llandybie	LLI			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Ffairfach	FFA			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Llandeilo	LLL			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Llangadog	LLG			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Llanwrda	LNR			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Llandovery	LLV			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Cyngorhdy	CYN			9:35	22:50			0	1	1	1	1	1	5	
SugarLoaf	SUG			9:35	22:50			0	1	1	1	1	1	5	
Llanwrtyd	LNW			9:35	22:50			0	1	1	1	1	1	5	
Llangammarch	LLM			9:35	22:50			0	1	1	1	1	1	5	
Garth Powys	GTH			9:35	22:50			0	1	1	1	1	1	5	
Cilmeri	CIM			9:35	22:50			0	1	1	1	1	1	5	
Builth Road	BHR			9:35	22:50			0	1	1	1	1	1	5	
Llandrindod	LLO			8:00	0:09			0	2	1	1	1	2	7	
Pen Y Bont	PNY			8:00	0:09			0	2	1	1	1	2	7	
Dolau	DOL			8:00	0:09			0	2	1	1	1	2	7	
Llanbister Road	LLT			8:00	0:09			0	2	1	1	1	2	7	
Llangynllo	LGO			8:00	0:09			0	2	1	1	1	2	7	
Knucklas	KNU			8:00	0:09			0	2	1	1	1	2	7	
Knighon	KNI			8:00	0:09			0	2	1	1	1	2	7	
Bucknell	BUK			8:00	0:09			0	2	1	1	1	2	7	
Hopton Heath	HPT			8:00	0:09			0	2	1	1	1	2	7	
Broome	BME			8:00	0:09			0	2	1	1	1	2	7	
Craven Arms	CRV			8:00	0:09			0	2	1	1	1	2	7	Includes services via HoW Line only
Church Stretton	CTT			8:00	0:09			0	2	1	1	1	2	7	Includes services via HoW Line only
Shrewsbury	SHR			8:00	0:09			0	2	1	1	1	2	7	Includes services via HoW Line only

**End**

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Cambrian Line Departures

Table with columns for Station, Early departure, Late departure, Column summed, Column unsummed, Minimum number of calls at station by W&B services, and Total Day. Includes stations like Birmingham International, Birmingham New St, and various stations in the Midlands.

Journey times table with columns for Number of services, Public journey time (mins), and Journey times (R, S, T, U). Includes notes on additional requirements for number of calls at Station and direct links to other stations.

Table with columns for Station, Early departure, Late departure, Column summed, Column unsummed, Minimum number of calls at station by W&B services, and Total Day. Includes stations like Shrewsbury, Walsley, and various stations in the West Midlands.

Journey times table with columns for Number of services, Public journey time (mins), and Journey times (R, S, T, U). Includes notes on additional requirements for number of calls at Station and direct links to other stations.

Table with columns for Station, Early departure, Late departure, Column summed, Column unsummed, Minimum number of calls at station by W&B services, and Total Day. Includes stations like Macclesfield, Crewe, and various stations in the North West.

Journey times table with columns for Number of services, Public journey time (mins), and Journey times (R, S, T, U). Includes notes on additional requirements for number of calls at Station and direct links to other stations.



**Wales and Borders Rail and South Wales Metro**  
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 Date: 5/13/2018

**Cambrian Line Arrivals**

Station	A	B	C	Early arrival at BHM		Late arrival at BHM		Minimum number of calls at station by W&B services arriving at BHM during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
				no later than	earlier than	no later than	earlier than	0300-0659	0700-0959	1000-1359	1400-1859	1900-2200	2200-0159	Total Day	
	D	E	F	G	H	I	J	K	L	M	N	O			
Stredwely	SHR	6:18	23:27					1	3	6	3	2	2	17	/ additional call provided by service from SHR departing SHR 2200-0159
Wolfeaton Gap	WGN	6:18	23:27					1	3	6	3	2	2	17	/ additional call provided by service from SHR departing SHR 2200-0159
Chalgrem	CHN	6:18	23:27					0	0	0	0	0	0	0	/ additional call provided by service from SHR departing SHR 2200-0159
Edgell Central	TEC	6:18	23:27					1	3	6	3	2	2	17	/ additional call provided by service from SHR departing SHR 2200-0159
Shiloh	SPN	-	-					0	0	0	0	0	0	0	/ additional call provided by service from SHR departing SHR 2200-0159
Codell	COG	-	-					0	0	0	0	0	0	0	/ additional call provided by service from SHR departing SHR 2200-0159
Abington	ALB	-	-					0	0	0	0	0	0	0	/ additional call provided by service from SHR departing SHR 2200-0159
Codell	CSL	-	-					0	0	0	0	0	0	0	/ additional call provided by service from SHR departing SHR 2200-0159
Bilbush	BBC	-	-					0	0	0	0	0	0	0	/ additional call provided by service from SHR departing SHR 2200-0159
Crown	CRK	6:10	-					1	2	0	0	0	0	3	
Guthrie	GTH	6:10	-					1	0	0	0	0	0	1	
Walsingham	WVN	6:10	23:27					2	3	6	3	2	2	18	/ additional call provided by service from SHR departing SHR 2200-0159
Sandwell & Dudley	SAD	-	-					0	0	0	0	0	0	0	
Sandwich Calder Bridge	SCB	6:18	23:30					1	3	6	3	2	2	18	
Birmingham New St	BHM	-	-					2	3	6	3	2	2	18	
Birmingham International	BBI	-	-					0.36	20.25					15	This row based on departure times from BHM

Journey times									
Number of services	Public journey time (min)	Notes	Number of services	Public journey time (min)	Notes				
						P	Q	R	S
17	72	17 services from Stredwely to Birmingham New St shall have a journey time of no more than 72 minutes	14	62	Of which 14 services shall have a journey time of no more than 62 minutes				
18	23	18 services from Walsingham to Birmingham New St shall have a journey time of no more than 23 minutes	14	23	Of which 14 services shall have a journey time of no more than 23 minutes				

Station	A	B	C	Early arrival at SHR		Late arrival at SHR		Minimum number of calls at station by W&B services arriving at SHR during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
				no later than	earlier than	no later than	earlier than	0300-0659	0700-0959	1000-1359	1400-1859	1900-2200	2200-0159	Total Day	
	D	E	F	G	H	I	J	K	L	M	N	O			
Machynlleth	MCH	7:10	21:17					0	3	6	3	3	0	15	
Caerwys	CWS	7:10	21:17					0	3	6	3	3	0	15	
Penryn Pwery	PNY	7:10	21:17					0	3	6	3	3	0	15	
Walsingham	WVN	7:10	21:17					0	3	6	3	3	0	15	
Stredwely	SHR	-	-					0	3	6	3	3	0	15	

Journey times									
Number of services	Public journey time (min)	Notes	Number of services	Public journey time (min)	Notes				
						P	Q	R	S
15	77	15 services from Machynlleth to Stredwely shall have a journey time of no more than 77 minutes	13	76	Of which 13 services shall have a journey time of no more than 76 minutes				

Station	A	B	C	Early arrival at MCN		Late arrival at MCN		Minimum number of calls at station by W&B services arriving at MCN during given timeband												Notes on additional requirements for number of calls at Station and direct links to other stations
				no later than	earlier than	no later than	earlier than	0300-0659	0700-0959	1000-1359	1400-1859	1900-2200	2200-0159	Total Day						
	D	E	F	G	H	I	J	K	L	M	N	O								
Pwllheli	PWL	8:47	22:45					0	2	3	1	1	1	8						
Aberystwyth	ABY	8:47	22:45					0	2	3	1	1	1	8						
Penryn Pwery	PNY	8:47	22:45					0	2	3	1	1	1	8						
Cricheath	CRK	8:47	22:45					0	2	3	1	1	1	8						
Porthmadog	PTH	8:47	22:45					0	2	3	1	1	1	8						
Murthel	MUR	8:47	22:45					0	2	3	1	1	1	8						
Porthmadog	PTH	8:47	22:45					0	2	3	1	1	1	8						
Llanfair	LFC	8:47	22:45					0	2	3	1	1	1	8						
Talarnau	TAL	8:47	22:45					0	2	3	1	1	1	8						
Tregynon	TRO	8:47	22:45					0	2	3	1	1	1	8						
Marbach	MAR	8:47	22:45					0	2	3	1	1	1	8						
Llanfair	LFC	8:47	22:45					0	2	3	1	1	1	8						
Penryn Pwery	PNY	8:47	22:45					0	2	3	1	1	1	8						
Llanfair	LFC	8:47	22:45					0	2	3	1	1	1	8						
Dyffryn Ardudwy	DFA	8:47	22:45					0	2	3	1	1	1	8						
Talarnau	TAL	8:47	22:45					0	2	3	1	1	1	8						
Llanfair	LFC	8:47	22:45					0	2	3	1	1	1	8						
Barmouth	BMT	7:45	22:45					0	3	3	1	1	1	9						
Murry Mountain	MUR	7:45	22:45					0	3	3	1	1	1	9						
Penryn Pwery	PNY	7:45	22:45					0	3	3	1	1	1	9						
Llanfair	LFC	7:45	22:45					0	3	3	1	1	1	9						
Talarnau	TAL	7:45	22:45					0	3	3	1	1	1	9						
Dyffryn	DFA	7:45	22:45					0	3	3	1	1	1	9						
Aberdovey	ABV	7:45	22:45					0	3	3	1	1	1	9						
Pwllheli	PWL	7:45	22:45					0	3	3	1	1	1	9						
Aberystwyth	ABY	6:01	0:10					1	3	6	3	3	3	19						
Box Street	BOX	6:01	0:10					1	3	6	3	3	3	19						
Bank	BAN	6:01	0:10					1	3	6	3	3	3	19						
Clopp Junction	CLJ	6:01	0:10					1	6	9	4	4	4	28						
Machynlleth	MCH	6:01	0:10					1	6	9	4	4	4	28						

Journey times									
Number of services	Public journey time (min)	Notes	Number of services	Public journey time (min)	Notes				
						P	Q	R	S
8	155	8 services from Pwllheli to Machynlleth shall have a journey time of no more than 155 minutes	6	147	Of which 6 services shall have a journey time of no more than 147 minutes				
19	43	19 services from Aberystwyth to Machynlleth shall have a journey time of no more than 43 minutes	16	40	Of which 16 services shall have a journey time of no more than 40 minutes				

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**North Wales Departures**

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing 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
								0200-0459	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159			
Manchester Airport	MAN							2	3	6	3	3	2	19	Based on arrival times at MAN. Early arrival no later than 05:45. Last arrival no earlier than 21:50.	
Manchester Piccadilly	MAN							2	3	6	4	3	3	21		
Manchester Oxford Road	MCC							3	3	6	4	3	3	20		
Newton Le Willows	NLW							2	3	6	4	3	2	20		
Earlestown	EAR							2	3	6	4	3	2	20		
Warrington Bank Quay	WBQ							2	3	6	4	3	2	20		
Runcorn East	RUE							2	3	6	4	3	2	20		
Liverpool Lime Street	LIV							1	3	6	3	3	1	17		
Liverpool South Parkway	LSP							1	3	6	3	3	1	17		
Runcorn	RUN							1	3	6	3	3	1	17		
Frindsbury	FRD							3	6	12	7	6	3	37		
Helsby	HOB							3	6	12	7	6	3	37		
Chester	CTR							3	6	12	7	6	4	38		

Journey times										
Number of services	Public journey time (mins)							Number of services	Public journey time (mins)	
P	Q	R						S	T	U
20	40	20 services from Manchester Piccadilly to Warrington Bank Quay shall have a journey time of no more than 40 minutes						15	38	Of which 15 services shall have a journey time of no more than 38 minutes
21	48	21 services from Manchester Piccadilly to Chester shall have a journey time of no more than 48 minutes						10	66	Of which 10 services shall have a journey time of no more than 66 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing 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
								0200-0459	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159			
Services between CRE and CTR specified below based on arrival times at CTR																
Crewe	CRE							0	4	7	3	5	4	23	Based on arrival times at CTR	
Services below based on departure times from CTR																
Crewe	CTR	dep						2	9	18	9	4	3	45	Conwy Valley services from BFF excluded. See table below for all LLY to LLD departures.	
Shotton	SHT	6:40	22:55					2	8	13	8	3	2	36		
Ries	RIE	6:40	0:40					3	8	18	9	4	3	44		
Prestglyn	PRT	6:40	0:40					2	8	18	9	3	3	43		
Rhy	RHL	6:40	0:40					2	8	18	9	4	3	44		
Melnyg & Pwysam	MGL	6:40	22:55					1	6	7	5	3	2	24		
Colwyn Bay	CWB	6:40	0:40					2	8	18	9	4	3	44		
Llandudno Junction	LJJ	6:40	0:40					2	9	18	9	4	3	45		
Degby	DGY	6:40	19:30					1	4	6	4	2	0	17		Through services from CTR only
Llandudno	LLD	6:40	19:30					1	4	6	4	2	0	17		Through services from CTR only
Conwy	CNW	6:59	22:55					1	4	8	5	1	2	21		
Penmaenpool	PMW	6:59	22:55					1	4	8	5	1	2	21		
Llanfyllfach	LFF	6:59	22:55					1	4	8	5	1	2	21		
Bangor Gwynedd	BNG	6:59	0:40					1	5	12	6	2	3	29		
Llandudno	LDC	7:26	22:04					0	2	5	2	1	1	11		
Bodorgan	BOR	7:26	22:04					0	2	5	2	1	1	11		
Ty Croes	TYC	7:26	22:04					0	2	5	2	1	1	11		
Rhosogreig	RHO	7:26	22:04					0	2	5	2	1	1	11		
Valley	VAL	7:26	22:04					0	2	5	2	1	1	11		
Holyhead	HHD	7:26	0:40					0	3	7	4	2	3	19		

Journey times										
Number of services	Public journey time (mins)							Number of services	Public journey time (mins)	
P	Q	R						S	T	U
23	26	23 services from Chester to Crewe shall have a journey time of no more than 26 minutes						18	24	Of which 18 services shall have a journey time of no more than 24 minutes
45	60	45 services from Chester to Llandudno Junction shall have a journey time of no more than 60 minutes						36	54	Of which 36 services shall have a journey time of no more than 54 minutes
17	74	17 services from Chester to Llandudno shall have a journey time of no more than 74 minutes						12	67	Of which 12 services shall have a journey time of no more than 67 minutes
29	81	29 services from Chester to Bangor Gwynedd shall have a journey time of no more than 81 minutes						23	76	Of which 23 services shall have a journey time of no more than 76 minutes
19	123	19 services from Chester to Holyhead shall have a journey time of no more than 123 minutes						15	115	Of which 15 services shall have a journey time of no more than 115 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services from BFF to LJJ and LLY to LLD during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159			
Blaenau Ffestiog	BFF							0	2	2	1	1	0	6	All LJJ to LLD services All LLY to LLD services	
Rhosu Bridge	RHB							0	2	2	1	1	0	6		
Dunfermline	DWD							0	2	2	1	1	0	6		
Pons Y Fawr	PYP							0	2	2	1	1	0	6		
Bones Y Coed	BYC							0	2	2	1	1	0	6		
Llanerch	LWR							0	2	2	1	1	0	6		
North Llanerch	NLR							0	2	2	1	1	0	6		
Degby	DGL							0	2	2	1	1	0	6		
Ty Y Castell	TYC							0	2	2	1	1	0	6		
Glan Conwy	GCV							0	2	2	1	1	0	6		
Llandudno Junction	LJJ	arr						0	3	3	1	1	0	6		
Llandudno Junction	LJJ	dep						3	6	11	6	6	0	32		
Degby	DGY							3	6	11	6	6	0	32		
Llandudno	LLD							3	6	11	6	6	0	32		

Journey times										
Number of services	Public journey time (mins)							Number of services	Public journey time (mins)	
P	Q	R						S	T	U
6	63	6 services from Blaenau Ffestiog to Llandudno Junction shall have a journey time of no more than 63 minutes						6	63	Of which 6 services shall have a journey time of no more than 63 minutes
32	16	32 services from Llandudno Junction to Llandudno shall have a journey time of no more than 16 minutes						24	15	Of which 24 services shall have a journey time of no more than 15 minutes



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

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**North Wales Arrivals**

Station	Early arrival at MAN		Late arrival at MAN		Early arrival at LLY from		Late arrival at LLY from		Minimum number of calls at station by W&B services arriving at MAN or LLY during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
	from Sin no later than	from Sin no earlier than	from Sin no later than	from Sin no earlier than	from Sin no later than	from Sin no earlier than	from Sin no later than	from Sin no earlier than	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O		
Chester	CTR	6:44	0:35	6:40	22:15				3	8	12	7	6	3	39	
Hebby	HSB	6:40	0:35	6:40	22:15				2	8	12	7	6	3	38	
Frodoham	FRO	6:40	0:35	6:40	22:15				2	8	12	7	6	3	38	
Runcorn	RUN			6:40	22:15				1	4	6	3	3	1	18	
Liverpool South Parkway	LPT			6:40	22:15				1	4	6	3	3	1	18	
Liverpool Lime Street	LIV								1	4	6	3	3	1	18	
Runcorn East	RUE	6:40	0:35						1	4	6	4	3	2	20	
Warrington Bank Quay	WBQ	6:40	0:35						1	4	6	4	3	2	20	
Earlestown	EAR	6:40	0:35						1	4	6	4	3	2	20	
Newton Le Willows	NLW	6:40	0:35						1	4	6	4	3	2	20	
Manchester Oxford Road	MCO	6:40	22:55						1	4	6	4	3	2	20	
Manchester Piccadilly	MAN								2	4	6	4	3	2	21	
Manchester Airport	MAA			4:45	20:55				2	3	6	3	3	1	18	

Based on departure times from MAN. Early departure no later than 04:45. Late departure no earlier than 20:55.

Journey times				
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)	
P	Q	R	S	T
21	71	16	62	Of which 16 services shall have a journey time of no more than 62 minutes
21 services from Chester to Manchester Piccadilly shall have a journey time of no more than 71 minutes				
20	44	17	36	Of which 17 services shall have a journey time of no more than 36 minutes
20 services from Warrington Bank Quay to Manchester Piccadilly shall have a journey time of no more than 44 minutes				

Station	Early arrival at CTR		Late arrival at CTR		Early departure from CTR		Late departure from CTR		Minimum number of calls at station by W&B services arriving at CTR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
	from Sin no later than	from Sin no earlier than	from Sin no later than	from Sin no earlier than	to Sin no later than	to Sin no earlier than	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O		
Holyhead	HHD	6:09	22:19						1	4	7	3	3	1	19	
Falvey	FAL	6:09	21:11						1	3	5	1	3	0	13	
Rhosogre	RHO	8:21	21:11						0	2	4	1	3	0	10	
Ty Croes	TYC	8:21	21:11						0	2	4	1	3	0	10	
Bangor	BOR	8:21	21:11						0	2	4	1	3	0	10	
Llanyrddol	LPG	6:09	21:11						1	3	5	1	3	0	13	
Bangor Gwynedd	BNG	6:09	22:19						1	6	12	6	5	1	31	
Llandudno	LUD	7:03	22:19						0	4	9	5	5	1	24	
Porthmadog	PMW	7:03	22:19						0	4	9	5	5	1	24	
Conwy	CNW	7:03	22:19						0	4	9	5	5	1	24	
Llandudno	LUD	7:55	22:55						0	5	6	3	3	2	19	
Degemey	DGY	7:55	22:55						0	5	6	3	3	2	19	
Llandudno Junction	LJL	5:35	22:55						3	11	18	9	8	2	51	
Crovan Bay	CBY	5:35	22:55						3	11	18	8	8	2	50	
Abergete & Penam	AGL	5:35	22:55						1	5	6	3	3	2	20	
Rhy	RHL	5:35	22:55						3	11	18	8	8	2	50	
Prestatyn	PRT	5:35	22:55						3	9	18	8	8	2	48	
Flint	FLN	5:35	22:55						3	10	18	8	8	2	49	
Shotton	SHO	5:35	22:55						2	7	13	6	6	2	36	
Chester	CTR	err							3	11	18	9	8	2	51	

Services between CTR and CTR considered later based on departure time from CTR.

Conwy valley services to BFF excluded. See table below for all LLD-LJL services. Through services towards CTR only.

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	121	15	112	Of which 15 services shall have a journey time of no more than 112 minutes
19 services from Holyhead to Chester shall have a journey time of no more than 121 minutes				
31	83	24	76	Of which 24 services shall have a journey time of no more than 76 minutes
31 services from Bangor Gwynedd to Chester shall have a journey time of no more than 83 minutes				
19	73	15	66	Of which 15 services shall have a journey time of no more than 66 minutes
19 services from Llandudno to Chester shall have a journey time of no more than 73 minutes				
51	67	44	56	Of which 44 services shall have a journey time of no more than 56 minutes
51 services from Llandudno Junction to Chester shall have a journey time of no more than 67 minutes				
24	26	22	25	Of which 22 services shall have a journey time of no more than 25 minutes
24 services from Conwy to Chester shall have a journey time of no more than 26 minutes				

Station	Early arrival at LJL from		Late arrival at LJL from		Early departure from LJL to		Late departure from LJL to		Minimum number of calls at station by W&B services from LLD to LJL and LJL to BFF arriving at/departing from LJL during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
	from Sin no later than	from Sin no earlier than	from Sin no later than	from Sin no earlier than	to Sin no later than	to Sin no earlier than	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O		
Llandudno	LLD	6:04	21:55						3	6	11	5	6	0	31	
Degemey	DGY	6:04	21:55						3	6	11	5	6	0	31	
Llandudno Junction	LJL	err							3	6	11	5	6	0	31	
Llandudno Junction	LJL	dep							1	1	2	1	1	0	6	
Ston Conwy	GCW	7:26	19:20						0	1	2	1	1	0	5	
Tal Y Cafn	TLC	5:30	19:20						1	1	2	1	1	0	6	
Dolgerau	DGL	7:26	19:20						0	1	2	1	1	0	5	
Nack Llanerua	NLS	7:26	19:20						0	1	2	1	1	0	5	
Llanerua	LWR	5:30	19:20						1	1	2	1	1	0	6	
Beau Y Goed	BYG	5:30	19:20						1	1	2	1	1	0	6	
Post Y Pant	PPY	7:26	19:20						0	1	2	1	1	0	5	
Dolwyddelan	DWD	7:26	19:20						0	1	2	1	1	0	5	
Rhosun Bridge	RHB	7:26	19:20						0	1	2	1	1	0	5	
Blaenau Ffestiniog	BFF	5:30	19:20						1	1	2	1	1	0	6	

At LLD on LJL services

At LLD on LJL services

At LLD on LJL services

Journey times				
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)	
P	Q	R	S	T
31	15	25	13	Of which 25 services shall have a journey time of no more than 13 minutes
31 services from Llandudno to Llandudno Junction shall have a journey time of no more than 15 minutes				
4	65	5	44	Of which 5 services shall have a journey time of no more than 44 minutes
4 services from Llandudno Junction to Blaenau Ffestiniog shall have a journey time of no more than 65 minutes				