

Train Service Requirements

Wales and Borders Rail Service and South Wales Metro Weekdays TSR 2a December 2024 S

Confidentiality	TBC
Version	Final
Date	5/23/2018

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 O.

The key stations used are:

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

Compliance and Flexibility

Services are allocated to a time band based on the exact time to the nearest full minute using "Public Times" that the service arrives or departs the key station as specified in each individual table. Services may be deemed compliant if within the specified time band or within 10 minutes earlier or later than the specified time band, although use of such 'flex' should be minimised. The total quantum of services allocated to each

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

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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.

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

Birmingham - Aberystwyth

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

Aberystwyth - Birmingham

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

Aberystwyth - Shrewsbury

Scheduled departures on Mondays-Friday between 06:00 and 19:00 to be covered between Aberystwyth and Shrewsbury

Shrewsbury - Aberystwyth

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

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

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

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

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

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.

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

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

Heart of Wales

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

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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.

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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

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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
Llwyngwril
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

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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	F	G	H	I	J	K		L	M	N
	0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859			1900 - 2159	2200 - 0159	Total Day	O							
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

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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 2a December 2024 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						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 2a December 2024 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 2a December 2024 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Cardiff South Arrivals

Station				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
	A	B	C					H	I	J	K	L	M	N	
	0200 - 0659		0700 - 0959					1000 - 1559		1600 - 1859		1900 - 2200		Total Day	
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 T&R 24 December 2024 SK
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2028

Cardiff North Departures (Monday - Thursday)

Station	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Notes on additional requirements for number of calls at station and direct links to other stations	
																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
								0200-0659	0700-0959	1000-1059	1600-1859	1900-2159	2200-0159	Total Day			
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		5:25	23:35			21	54	108	54	48	38	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			
Beechgrove		BCG		6:00	23:00			3	6	12	6	6	3	36			
Whiteworth (Cardiff)		WHT		6:00	23:00			3	6	12	6	6	3	36			
Croyton		COY		6:00	23:00			3	6	12	6	6	3	36			
Heath High Level		HHL		5:24	23:00			8	18	36	18	12	5	97			
Ilkerton		LIS		5:24	23:00			8	18	36	18	12	5	97			
Llansawney		LVT		5:24	23:00			8	18	36	18	12	5	97			
Caerphilly		CPH		5:24	23:00			8	18	36	18	12	5	97			
Aber		ABE		6:15	23:00			4	12	24	12	12	5	69			
Ebrington		EBR		6:15	23:00			4	12	24	12	12	5	69			
Llanwrst		LWR		6:15	23:00			4	12	24	12	12	5	69			
Ystrad Meneath		YSM		6:15	23:00			4	12	24	12	12	5	69			
Hengoed		HNG		6:15	23:00			4	12	24	12	12	5	69			
Rhydymain		RHM		6:15	23:00			4	12	24	12	12	5	69			
Gilfach Fawr		GF		6:15	23:00			4	12	24	12	12	5	69		Station Closed. Active travel measures implemented. Reference CQ 215	
Bargoed		BGD		6:15	23:00			4	12	24	12	12	5	69			
Birchgrove		BIR		6:15	23:00			4	12	24	12	12	5	69			
Ty Glas		TGS		6:15	23:00			4	12	24	12	12	5	69			
Rhondda		RHM		6:15	23:00			4	12	24	12	12	5	69			
Rhydymain		RHM		6:15	23:00			4	12	24	12	12	5	69			
Clydach		CYS		5:25	23:35			9	30	60	30	30	18	177			
Uxale		UXL		5:25	23:35			9	30	60	30	30	18	177			
Radyr		RDR		5:25	23:35			11	36	72	36	36	21	212		All Radyr and stations below, stopping services via FRW specified in CDPS Dep may contribute to meeting the required numbers of calls	
Trafford		TAF		5:25	23:35			11	36	72	36	36	21	212			
Treforest East		TRE		5:25	23:35			11	36	72	36	36	21	212			
Treforest		TRF		5:25	23:35			11	36	72	36	36	21	212			
Pontypridd		PPD		5:25	23:35			11	36	72	36	36	21	212			
Trehafod		TRH		6:35	23:35			2	12	24	12	12	7	69			
Porth		POR		6:35	23:35			2	12	24	12	12	7	69			
Dinas Powel Glan		DPG		6:35	23:35			2	12	24	12	12	7	69			
Tonypandy		TNP		6:35	23:35			2	12	24	12	12	7	69			
Llanowen		LLY		6:35	23:35			2	12	24	12	12	7	69			
Toral Rhondda		TRR		6:35	23:35			2	12	24	12	12	7	69			
Tom Home		THM		6:35	23:35			2	12	24	12	12	7	69			
Troscody		TRY		6:35	23:35			2	12	24	12	12	7	69			
Tywyn		TYW		6:35	23:35			2	12	24	12	12	7	69			
Treherbert		TRB		6:35	23:35			2	12	24	12	12	7	69			
Abercromby		ACR		5:25	23:11			9	24	48	24	24	14	143			
Penrhosbar		PRB		6:10	23:00			4	12	24	12	12	7	71			
Mountain Ash		MTA		6:10	23:00			4	12	24	12	12	7	71			
Ferndale		FRL		6:10	23:00			4	12	24	12	12	7	71			
Cardle		CRD		6:10	23:00			4	12	24	12	12	7	71			
Aberdare		ABA		6:10	23:00			4	12	24	12	12	7	71			
Quakers Yard		QYD		5:25	23:11			5	12	24	12	12	7	72			
Merthyr Vale		MVY		5:25	23:11			5	12	24	12	12	7	72			
Treard Y Rhaw		TRY		5:25	23:11			5	12	24	12	12	7	72			
Fenny Heath		FTH		5:25	23:11			5	12	24	12	12	7	72			
Merthyr Tydfil		MER		5:25	23:11			5	12	24	12	12	7	72			

End

Journey times					
Number of services	Public Journey time (min)		Number of services	Public Journey time (min)	
P	Q	R	S	T	
208	4	208 services from Cardiff Central to Cardiff Queen St shall have a journey time of no more than 6 minutes	274	4	Of which 174 services shall have a journey time of no more than 4 minutes
36	27	36 services from Cardiff Central to Croyton 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 Caerphilly 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 Rhydymain shall have a journey time of no more than 52 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
25	54	35 services from Cardiff Central to Treherbert 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	57	35 services from Cardiff Central to Aberdare shall have a journey time of no more than 57 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

Weekdays TSK 24 December 2024 SK
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

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		
								0500-0659	0700-0859	0900-1059	1100-1259	1300-1459	1500-1659	1700-1859			1900-2159	2200-2359
								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 operate 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				
Emergin & C. N.	ECP		6:15	0:00				4	12	24	12	12	8	72				
Llanidloes	LID		6:15	0:00				4	12	24	12	12	8	72				
Ystrad Meneath	YSM		6:15	0:00				4	12	24	12	12	8	72				
Hengoed	HNG		6:15	0:00				4	12	24	12	12	8	72				
Phygan	PHY		6:15	0:00				4	12	24	12	12	8	72				
Giffith Furgod	GFF		6:15	0:00				4	12	24	12	12	8	72	Station Closed. Active travel measures implemented. Reference CQ 355			
Baggod	BGD		6:15	0:00				4	12	24	12	12	8	72				
Brackley	BRK		6:15	0:00				4	12	24	12	12	8	72				
Ty phi	TYP		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	LIDF		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/Ds Dep may contribute to meet the required pattern of calls			
Traff Wail	TWF		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	PYP		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				
Uchwyng	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	TTR		6:35	0:22				2	12	24	12	12	9	71				
Treherby	TRH		6:35	0:22				2	12	24	12	12	9	71				
Tywyn	TYW		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	RST		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				
Menthy Vale	MVY		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	FIB		5:25	0:11				6	12	24	12	12	9	75				
Menthy Tylli	MER		5:25	0:11				6	12	24	12	12	9	75				

End

Number of services	PUBS: journey time (mins)	Journey times					Number of services	PUBS: journey time (mins)
		R	S	T	U			
						F		
212	6	212 services from Cardiff Central to Cardiff Queen St shall have a journey time of no more than 6 minutes	177	4	Of which 177 services shall have a journey time of no more than 4 minutes			
38	21	38 services from Cardiff Central to Coynton shall have a journey time of no more than 21 minutes	38	21	Of which 38 services shall have a journey time of no more than 21 minutes			
100	23	100 services from Cardiff Central to Caerphilly shall have a journey time of no more than 23 minutes	84	20	Of which 84 services shall have a journey time of no more than 20 minutes			
72	39	72 services from Cardiff Central to Baggod shall have a journey time of no more than 39 minutes	54	38	Of which 54 services shall have a journey time of no more than 38 minutes			
72	52	72 services from Cardiff Central to Rhymney shall have a journey time of no more than 52 minutes	54	51	Of which 54 services shall have a journey time of no more than 51 minutes			
111	29	111 services from Cardiff Central to Pontypridd shall have a journey time of no more than 29 minutes	111	29	Of which 111 services shall have a journey time of no more than 29 minutes			
36	52	36 services from Cardiff Central to Treherbert shall have a journey time of no more than 52 minutes	36	52	Of which 36 services shall have a journey time of no more than 52 minutes			
37	51	37 services from Cardiff Central to Aberdare 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			
38	50	38 services from Cardiff Central to Menthy Tylli shall have a journey time of no more than 50 minutes	38	50	Of which 38 services shall have a journey time of no more than 50 minutes			

Wales and Borders Rail and South Wales Metro

Weekdays TSS 24 December 2024 SK
 Confidentiality: TBC
 Version: Final
 Date: 12/12/2024

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	0959	1000	1000	1600	1900	2200			Day
								H	I	J	K	L	M	N			
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	23:32					3	12	24	12	12	6	69			
Ysgysem	YNS	6:30	23:32					3	12	24	12	12	6	69			
Ton Pentre	TPN	6:30	23:32					3	12	24	12	12	6	69			
Yard Rhodfa	YRH	6:30	23:32					3	12	24	12	12	6	69			
Llanymyneon	LYM	6:30	23:32					3	12	24	12	12	6	69			
Tonyrefail	TNR	6:30	23:32					3	12	24	12	12	6	69			
Dinas Moch Glyn	DMG	6:30	23:32					3	12	24	12	12	6	69			
Porth	POR	6:30	23:32					3	12	24	12	12	6	69			
Trehafod	TRH	6:30	23:32					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	RDR	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 Gollau	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			
Llanbryn-maer	LNB	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	CRP	6:30	23:15					5	18	36	18	14	6	97			
Llanvannan and Thornhill	LVT	6:30	23:15					5	18	36	18	14	6	97			
Llanvannan	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			
Coryton	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			
Rhewlira	RHW	6:30	23:30					1	6	12	6	6	5	36			
Bwllog	BWL	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	21:50			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)	R	S	T	U				
						P	Q	R	S
37	51	37	51	37	51	Of which 37 services shall have a journey time of no more than 51 minutes			
35	52	35	52	35	52	Of which 35 services shall have a journey time of no more than 52 minutes			
35	53	35	53	34	52	Of which 34 services shall have a journey time of no more than 52 minutes			
107	31	107	31	107	31	Of which 107 services shall have a journey time of no more than 31 minutes			
69	51	69	51	62	50	Of which 62 services shall have a journey time of no more than 50 minutes			
69	29	69	29	52	28	Of which 52 services shall have a journey time of no more than 28 minutes			
97	21	97	21	82	20	Of which 82 services shall have a journey time of no more than 20 minutes			
36	20	36	20	36	20	Of which 36 services shall have a journey time of no more than 20 minutes			
207	5	207	5	171	4	Of which 171 services shall have a journey time of no more than 5 minutes			

Wales and Borders Rail and South Wales Metro

Weekdays TSR 2a December 2024 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Borderlands Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from WRX during given timeband unless otherwise stated						Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								H	I	J	K	L	M		
Wrexham Central	WXC					6:30	21:55	1	6	12	6	1	1	27	This row is based on arrival times at WRX
Wrexham General	WRX							2	6	12	6	1	1	28	
Gwersyllt	GWE			6:24	21:55			2	6	12	6	1	1	28	
Cefn Y Bedd	CYB			6:36	21:55			1	3	6	3	1	1	15	
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 2a December 2024 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Borderlands Arrivals

Station				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
	A	B	C					0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
	D	E	F					G	H	I	J	K	L	M	
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)	
28	56	28 services from Bidston to Wrexham General shall have a journey time of no more than 56 minutes	22	54	Of which 22 services shall have a journey time of no more than 54 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 24 December 2024 SK
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Cardiff East Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from Cardiff 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	CDP							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	
Llanfihoch	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	EBB	6:35	23:05					1	3	6	3	3	1	17	
Newport Geestri	NWP	4:35	0:30					7	9	19	11	7	3	56	
Swain Tunnel Junction	STJ	5:32	23:10					2	3	6	3	3	2	19	
Caiof	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	
Lytney	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	
Cheltenham Spa	CHN	5:32	23:10					2	3	6	3	3	1	18	
Centrica	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	33	
Alington	AGV	4:35	0:30					5	6	12	8	4	1	36	
Hereford	HFD	4:35	0:30					4	3	7	5	4	0	31	
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	36	
Church Stretton	CTT	4:35	21:55					5	3	9	5	4	0	36	
Shrewsbury	SHR	4:35	21:55					5	6	12	8	4	0	35	

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 Geestri 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 Cheltenham 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 Shrewsbury 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	36	
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	
Pres	PRS	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	
Wibury	WRE	5:31	0:10					1	1	3	2	1	3	11	
Nasebur	NAN	5:31	0:10					2	3	7	4	3	3	22	
Crew	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 Crew 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 T&R 24 December 2024 SK
 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
Crown Arms	CAW	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	PNI	6:45	0:14					1	4	3	3	2	2	15	
Cowles	COW	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	
Gloicester	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	
Cardiff	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 & Pommesner	RSA	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	CDP	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	WKA	6:30	23:23					1	5	13	6	4	3	32	
Rubon	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	
Galswain	GSB	6:30	23:23					1	4	13	6	4	3	31	
Strewsbury	SHR							1	5	13	6	4	3	32	
Alderley Edge	MAN	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	
Saughol	SPT	7:41	0:05					0	3	6	3	2	3	17	
Windle	WYL	7:41	0:05					0	3	6	3	2	3	17	
Crew	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	YAT	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 Crew 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 2a December 2024 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

Weekdays TSR 2a December 2024 SX
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Swansea West Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at SWA during given timeband							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Carmarthen		CMN		3:48	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

End

Wales and Borders Rail and South Wales Metro

Weekdays TSW 24 December 2024 SW

Confidentiality: TBC
 Version: Final
 Date: 02/12/2024

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	0900 - 1059	1100 - 1259	1300 - 1459	1500 - 1659	1700 - 1859	1900 - 2059			2100 - 2259
								H	I	J	K	L	M	N			
Shrewsbury	SHR							2	1	2	1	1	0	7	Includes F&NW services only		
Church Stretton	CTT			5:15	21:02			2	1	2	1	1	0	7	Includes F&NW services only		
Creswell Arms	CWA			5:15	21:02			2	1	2	1	1	0	7	Includes F&NW services only		
Become	BME			5:43	21:02			1	1	2	1	1	0	6	Includes F&NW services only		
Hopson Meath	HPT			5:43	21:02			1	1	2	1	1	0	6			
Beckford	BKS			5:43	21:02			1	1	2	1	1	0	6			
Knighston	KNH			5:15	21:02			2	1	2	1	1	0	7			
Knockin	KNU			5:43	21:02			1	1	2	1	1	0	6			
Uttercliffe	UGO			5:43	21:02			1	1	2	1	1	0	6			
Uttercliffe Road	URT			5:43	21:02			1	1	2	1	1	0	6			
Dever	DOV			5:43	21:02			1	1	2	1	1	0	6			
Pan Y Bont	PNY			5:43	21:02			1	1	2	1	1	0	6			
Liandrodad	LLO			5:15	21:02			2	1	2	1	1	0	7			
Buth Road	BWR			5:43	18:00			1	1	2	1	0	5				
Claer	CMH			5:43	18:00			1	1	2	1	0	5				
Gwrh Pwys	GTH			5:43	18:00			1	1	2	1	0	5				
Llangennech	LGN			5:43	18:00			1	1	2	1	0	5				
Llanymyrd	LNW			5:43	18:00			1	1	2	1	0	5				
SegertLoaf	SLG			5:43	18:00			1	1	2	1	0	5				
Cynhenny	CYN			5:43	18:00			1	1	2	1	0	5				
Llanvawr	LLV			5:43	18:00			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	LWR			5:43	18:00			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			5:43	18:00			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	LLG			5:43	18:00			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	LLA			5:43	18:00			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.			
Marton	MTN			5:43	18:00			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			5:43	18:00			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			5:43	18:00			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.			
Penyffordd	PTF			5:43	18:00			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.			
Penyffordd	PTD			5:43	18:00			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.			
Llangennech	LGN			5:43	18:00			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			5:43	18:00			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	LLI			5:43	18:00			1	1	2	1	0	5	Includes services not N&W fare only. 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			5:43	18:00			1	1	2	1	0	5	Includes services not N&W fare only. 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			5:43	18:00			1	1	2	1	0	5	Includes services not N&W fare only. 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.			

Number of services	Public Journey time (mins)	Journey times				Number of services	Public Journey time (mins)
		R	S	T	U		
7	94	7 services from Shrewsbury to Liandrodad 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 Llanvawr to Swansea 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 Swansea 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		

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 2a December 2024 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Heart of Wales Arrivals

Station	A	B	C	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							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Swansea				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		GMN		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		LE		9:35	22:50			0	1	1	1	1	1	5	Includes services via HoW Line 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.	
Pantymwynon		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.	
Llandello		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.	
Llangidog		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.	
Cyngoridy		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		
Llanwryd		LNW		9:35	22:50			0	1	1	1	1	1	5		
Llanginnarch		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		
Bulth 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		
Knighston		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		
Hoppon Heath		HPT		8:00	0:09			0	2	1	1	1	2	7		
Brosome		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						0	2	1	1	1	2	7	Includes services via HoW Line only	

End

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
5	239	5 services from Swansea to Shrewsbury shall have a journey time of no more than 239 minutes	4	238	Of which 4 services shall have a journey time of no more than 238 minutes
7	63	7 services from Llanelli to Llandovery shall have a journey time of no more than 63 minutes	7	63	Of which 7 services shall have a journey time of no more than 63 minutes
7	131	7 services from Llandrindod to Shrewsbury shall have a journey time of no more than 131 minutes	6	93	Of which 6 services shall have a journey time of no more than 93 minutes

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Cambrian Line Departures

Station	Early departure to Stn no later than		Late departure from BHM no earlier than		Early arrival at BHM no earlier than	Late arrival at BHM no earlier than	Minimum number of calls at station by W&B services departing from BHM during given timeband unless otherwise stated							Total Day G19	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
Birmingham International	BMI				21	2115			0	3	6	3	3	0	15	This row is based on arrival times at BHM
Birmingham New St	BNI							1	3	6	3	3	2	18		
Stratford-upon-Avon	SUAV	625	2330					1	3	6	3	3	2	18		
Stratford-upon-Avon	SUAV			625	2330			0	0	0	0	0	0	0		/ additional call to be provided by a service departing W&B 2200/0159
Stratford	STR							0	0	0	0	0	0	0		
Cross	CRO							0	0	0	0	0	0	0		
Blunham	BLU	2340	2340					0	0	0	0	0	0	0		
Coventry	COV	2340	2340					0	0	0	0	0	0	0		
Alington	ALI	2340	2340					0	0	0	0	0	0	0		
Coventry	COV	2340	2340					0	0	0	0	0	0	0		
Stratford	STR	2340	2340					0	0	0	0	0	0	0		
Telford Central	TFC	625	2330					1	3	6	3	3	1	17		/ additional call to be provided by a service departing W&B 2200/0159
Changan	CHA	2340	2340					0	0	0	0	0	0	0		
Widnesley	WID	625	2330					1	3	6	3	3	1	17		/ additional call to be provided by a service departing W&B 2200/0159
Shrewsbury	SHR	625	2330					1	3	6	3	3	1	17		/ additional call to be provided by a service departing W&B 2200/0159

Journey times					
Number of services	Public journey time (mins)	R	S	T	U
18	23		25	21	
17	75		74	60	

Station	Early departure from SHR to Stn no later than		Late departure from SHR no earlier than		Column summed	Column summed	Minimum number of calls at station by W&B services departing SHR during given timeband							Total Day G19	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		
Shrewsbury	SHR	625	2150					1	3	6	3	3	0	16	
Walsley	WAL	625	2150					1	3	6	3	3	0	16	
Howden Poles	HWP	625	2150					1	3	6	3	3	0	16	
Carver	CAR	625	2150					1	3	6	3	3	0	16	
Machynlleth	MCH	625	2150					1	3	6	3	3	0	16	

Journey times					
Number of services	Public journey time (mins)	R	S	T	U
16	82		72	77	

Station	Early departure from MCH to Stn no later than		Late departure from MCH no earlier than		Column summed	Column summed	Minimum number of calls at station by W&B services departing MCH during given timeband											Total Day G19	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			
Machynlleth	MCH							5	4	9	4	5	1	28					
Clon Junction	CLJ	455	2301					5	4	9	4	5	1	28					
Bath	BAT	455	2301					3	3	6	3	3	1	19					
Bow Street	BOW	455	2301					3	3	6	3	3	1	19					
Aberystwyth	ABY	455	2301					3	3	6	3	3	1	19					
Pwllheli	PWL	507	2145					2	1	3	1	2	0	6					
Aberdywy	ABD	507	2145					2	1	3	1	2	0	6					
Dyffryn Ardudwy	DYA	507	2145					2	1	3	1	2	0	6					
Tonfawr	TNF	507	2145					2	1	3	1	2	0	6					
Llangwyllog	LLW	507	2145					2	1	3	1	2	0	6					
Parfumeau	PAR	507	2145					2	1	3	1	2	0	6					
Porthmadog	PMO	507	2145					2	1	3	1	2	0	6					
Barmouth	BAR	507	2145					2	1	3	1	2	0	6					
Llaner	LLE	645	2145					1	1	3	1	2	0	6					
Taliesin	TAL	645	2145					1	1	3	1	2	0	6					
Dyffryn Ardudwy	DYA	645	2145					1	1	3	1	2	0	6					
Llaner	LLE	645	2145					1	1	3	1	2	0	6					
Penryn	PER	645	2145					1	1	3	1	2	0	6					
Llaner	LLE	645	2145					1	1	3	1	2	0	6					
Harlech	HAR	645	2145					1	1	3	1	2	0	6					
Tregynon	TRE	645	2145					1	1	3	1	2	0	6					
Taliesin	TAL	645	2145					1	1	3	1	2	0	6					
Llaner	LLE	645	2145					1	1	3	1	2	0	6					
Porthmadog	PMO	645	2145					1	1	3	1	2	0	6					
Porthmadog	PMO	645	2145					1	1	3	1	2	0	6					
Concath	CON	645	2145					1	1	3	1	2	0	6					
Porthmadog	PMO	645	2145					1	1	3	1	2	0	6					
Abererch	ABE	645	2145					1	1	3	1	2	0	6					
Pwllheli	PWL	645	2145					1	1	3	1	2	0	6					

Journey times					
Number of services	Public journey time (mins)	R	S	T	U
18	41		25	36	
8	154		6	152	

End

Wales and Borders Rail and South Wales Metro

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 Date: 5/23/2018

Cardiff Line Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at BHM during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0700 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Shrewsbury	SHR	6:18	23:27					1	3	6	3	2	2	17	/ additional call provided by service from SHR departing SHR 2200-0159	
Warrington Salop	WLN	6:18	23:27					1	3	6	3	2	2	17	/ additional call provided by service from SHR departing SHR 2200-0159	
Crewe	CRW	6:18	23:27					1	3	6	3	2	2	17	/ additional call provided by service from SHR departing SHR 2200-0159	
Telford Central	TFC	6:18	23:27					1	3	6	3	2	2	17	/ additional call provided by service from SHR departing SHR 2200-0159	
Styal	SPN	-	-					0	0	0	0	0	0	0	/ additional call provided by service from SHR departing SHR 2200-0159	
Crewe	CRW	-	-					0	0	0	0	0	0	0	/ additional call provided by service from SHR departing SHR 2200-0159	
Albionton	AAB	-	-					0	0	0	0	0	0	0	/ additional call provided by service from SHR departing SHR 2200-0159	
Crewe	CRW	-	-					0	0	0	0	0	0	0	/ additional call provided by service from SHR departing SHR 2200-0159	
Crewe	CRW	6:10	-					1	2	0	0	0	0	3		
Salford	SFA	6:10	-					1	0	0	0	0	0	1		
Wolverhampton	WOH	6:10	23:27					2	3	6	3	2	2	18	/ additional call provided by service from SHR departing SHR 2200-0159	
Stretford & Duffry	SAD	-	-					0	0	0	0	0	0	0		
Stretford Cotton Bridge	SCR	6:18	23:30					1	3	6	3	2	1	16		
Birmingham New St	BHM	-	-					2	3	6	3	2	2	18		
Birmingham International	BHI	-	-			6:36	20:25	1	3	6	3	2	0	15	This row based on departure times from BHM	

Journey times						
Number of services	Public journey time (mins)				Number of services	Public journey time (mins)
P	Q	R			S	T
17	72	17 services from Shrewsbury 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	35	18 services from Wolverhampton to Birmingham New St shall have a journey time of no more than 35 minutes			14	23
						Of which 14 services shall have a journey time of no more than 23 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							Total Day	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			
								H	I	J	K	L	M	N		
Machynlleth	MCN	7:10	21:17					0	3	6	3	3	0	15		
Crewe	CRW	7:10	21:17					0	3	6	3	3	0	15		
Newtown Powys	NWT	7:10	21:17					0	3	6	3	3	0	15		
Walspool	WLP	7:10	21:17					0	3	6	3	3	0	15		
Shrewsbury	SHR	-	-					0	3	6	3	3	0	15		

Journey times						
Number of services	Public journey time (mins)				Number of services	Public journey time (mins)
P	Q	R			S	T
15	77	15 services from Machynlleth to Shrewsbury shall have a journey time of no more than 77 minutes			13	70
						Of which 13 services shall have a journey time of no more than 70 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at MCN during given timeband							Total Day	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			
								H	I	J	K	L	M	N		
Pullheli	PWL	8:47	22:45					0	2	3	1	1	1	8		
Abercynon	ABN	8:47	22:45					0	2	3	1	1	1	8		
Porthcawl	PRC	8:47	22:45					0	2	3	1	1	1	8		
Crucywast	CCC	8:47	22:45					0	2	3	1	1	1	8		
Porthmadog	PTH	8:47	22:45					0	2	3	1	1	1	8		
Machynlleth	MCN	8:47	22:45					0	2	3	1	1	1	8		
Porthmadog	PTH	8:47	22:45					0	2	3	1	1	1	8		
Llanidloes	LID	8:47	22:45					0	2	3	1	1	1	8		
Fisnoswa	FIS	8:47	22:45					0	2	3	1	1	1	8		
Tywyn	TYW	8:47	22:45					0	2	3	1	1	1	8		
Hellwr	HLL	8:47	22:45					0	2	3	1	1	1	8		
Llanidloes	LID	8:47	22:45					0	2	3	1	1	1	8		
Porthmadog	PTH	8:47	22:45					0	2	3	1	1	1	8		
Llanidloes	LID	8:47	22:45					0	2	3	1	1	1	8		
Dyffryn Ardudwy	DYA	8:47	22:45					0	2	3	1	1	1	8		
Talybont	TAL	8:47	22:45					0	2	3	1	1	1	8		
Llanidloes	LID	8:47	22:45					0	2	3	1	1	1	8		
Barmouth	BRM	7:45	22:45					0	3	3	1	1	1	9		
Machynlleth	MCN	7:45	22:45					0	3	3	1	1	1	9		
Fisnoswa	FIS	7:45	22:45					0	3	3	1	1	1	9		
Llanidloes	LID	7:45	22:45					0	3	3	1	1	1	9		
Tywyn	TYW	7:45	22:45					0	3	3	1	1	1	9		
Tywyn	TYW	7:45	22:45					0	3	3	1	1	1	9		
Aberdovey	ABV	7:45	22:45					0	3	3	1	1	1	9		
Porthmadog	PTH	7:45	22:45					0	3	3	1	1	1	9		
Aberystwyth	ABY	6:01	0:10					1	3	6	3	3	3	19		
Boe Street	BOW	6:01	0:10					1	3	6	3	3	3	19		
Booth	BOH	6:01	0:10					1	3	6	3	3	3	19		
Doney Junction	DON	6:01	0:10					1	6	9	4	4	4	28		
Machynlleth	MCN	6:01	0:10					1	6	9	4	4	4	28		

Journey times						
Number of services	Public journey time (mins)				Number of services	Public journey time (mins)
P	Q	R			S	T
8	155	8 services from Pullheli 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

End

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North Wales Departures

Station	Early departure			Late departure			Minimum number of calls at station by W&B services departing 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
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Total Day		
Manchester Airport	MAN							2	3	6	2	3	2	19		Based on arrival times at MAN. Early arrival no later than 05:45. Late arrival no earlier than 21:30	
Manchester Piccadilly	MAN							2	3	6	4	3	3	21			
Manchester Oxford Road	MCO	5:50	23:14					2	3	6	4	3	2	20			
Newton La Warr	NWV	5:50	23:14					2	3	6	4	3	2	20			
Earlestown	EAR	5:50	23:14					2	3	6	4	3	2	20			
Warrington Bank Quay	WBQ	5:50	23:14					2	3	6	4	3	2	20			
Runcorn East	RUE	5:50	23:14					2	3	6	4	3	2	20			
Liverpool Lime Street	LIV							1	3	6	3	3	1	17			
Liverpool South Parkway	LPY			6:43	22:15			1	3	6	3	3	1	17			
Runcorn	RUN			6:43	22:15			1	3	6	3	3	1	17			
Freiston	FRO	5:50	23:14	6:43	22:15			3	4	12	7	6	3	37			
Haby	HAB	5:50	23:14	6:43	22:15			3	4	12	7	6	3	37			
Chester	CTR	5:50	03:56	6:43	22:15			3	4	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						13	38	Of which 13 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						20	46	Of which 20 services shall have a journey time of no more than 46 minutes

Station	Early departure			Late departure			Minimum number of calls at station by W&B services departing CTR 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	Total Day		
Crewe	CRE							0	4	7	3	5	4	23		Based on arrival times at CTR	
Crewe	CRE							7:17	0:55								
Chorley	CHP	6:40	22:55					2	9	18	9	4	3	45			
Dutton	DUT	6:40	0:40					2	8	17	8	3	2	36			
Rice	RIZ	6:40	0:40					2	8	18	9	4	3	44			
Preesagen	PRE	6:40	0:40					2	8	18	9	3	3	43			
Rhyl	RHL	6:40	0:40					2	8	18	9	4	3	44			
Merseyside & Prescote	MPS	6:40	22:55					1	6	7	5	3	1	24			
Coleby Bp	COB	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		Conwy Valley services from BFF excluded. See table below for all LJJ to LLD departures.	
Degby	DGT	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			
Penmaenul	PMU	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			
Llanfyllter	LFL	7:26	23:04					0	2	5	2	1	1	11			
Budoglan	BUD	7:26	23:04					0	2	5	2	1	1	11			
Tŷ Cwm	TYC	7:26	23:04					0	2	5	2	1	1	11			
Rhosneigr	RHO	7:26	23:04					0	2	5	2	1	1	11			
Ynys	YNS	7:26	23:04					0	2	5	2	1	1	11			
Helyaer	HEL	7:26	0:40					0	3	7	4	3	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						26	54	Of which 26 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	122	19 services from Chester to Helyaer shall have a journey time of no more than 122 minutes						15	115	Of which 15 services shall have a journey time of no more than 115 minutes

Station	Early arrival at LJJ from LJJ			Late arrival at LJJ from LJJ			Minimum number of calls at station by W&B services from BFF to LJJ and LJJ to LLD arriving at / departing from LJJ during given timeband										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	Total Day		
Blaenau Ffestiniog	BFF	7:32	21:30					0	2	2	1	1	0	6			
Rosser Bridge	RFB	7:32	21:30					0	2	2	1	1	0	6			
Dolwyddelan	DWD	7:32	21:30					0	2	2	1	1	0	6			
Plas Fawr	PLF	7:32	21:30					0	2	2	1	1	0	6			
Blaen Y Coad	BYC	7:32	21:30					0	2	2	1	1	0	6			
Llanwr	LWR	7:32	21:30					0	2	2	1	1	0	6			
North Llanwr	NLR	7:32	21:30					0	2	2	1	1	0	6			
Dolgellau	DGL	7:32	21:30					0	2	2	1	1	0	6			
Tŷ Cwm	TYC	7:32	21:30					0	2	2	1	1	0	6			
Glan Conwy	GCO	7:32	21:30					0	2	2	1	1	0	6			
Llandudno Junction	LJJ	7:32	21:30					0	2	2	1	1	0	6			
Llandudno Junction	LJJ			5:50	21:32			3	6	11	6	6	0	32		All LJJ to LLD services	
Degby	DGT			5:50	21:32			3	6	11	6	6	0	32		All LJJ to LLD services	
Llandudno	LLD			5:50	21:32			3	6	11	6	6	0	32		All LJJ to LLD services	

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 Ffestiniog 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	76	32 services from Llandudno Junction to Llandudno shall have a journey time of no more than 76 minutes						24	75	Of which 24 services shall have a journey time of no more than 75 minutes

End

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North Wales Arrivals

Station	A	B	C	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
				no later than	earlier than	no later than	earlier than	no later than	earlier than	0200-0659	0700-0959	1000-1559	1600-1959	1900-2200	2200-0159	Total Day			
Chester	CTR			4:44	0:35	6:40	2:15	3	8	12	7	6	3	19					
Holby	HOB			6:40	0:25	6:40	2:15	2	8	12	7	6	3	18					
Prodbon	PRD			6:40	0:25	6:40	2:15	2	8	12	7	6	3	18					
Rancon	RAN			6:40	2:15			1	4	6	3	3	1	18					
Liverpool South Parkway	LSP			6:40	2:15			1	4	6	3	3	1	18					
Liverpool Lime Street	LIV							2	4	6	3	3	1	18					
Runcorn East	RUE			6:40	0:25			1	4	6	4	3	2	20					
Warrington Bank Quay	WBO			6:40	0:25			1	4	6	4	3	2	20					
Euxine	EUX			6:40	0:25			1	4	6	4	3	2	20					
Newton Le Willows	NLW			6:40	0:25			1	4	6	4	3	2	20					
Manchester Oxford Road	MCO			6:40	2:15			1	4	6	4	3	2	20					
Manchester Piccadilly	MAN							2	4	6	4	3	2	21					
Manchester Airport	MHA			4:45	2:15			2	3	6	3	3	1	18					

Journey times									
Number of services	Public journey time (mins)	P	Q	R	S	T	U	V	W
21	71				16	62			
12 services from Chester to Manchester Piccadilly shall have a journey time of no more than 71 minutes									
Of which 16 services shall have a journey time of no more than 62 minutes									
20	44				17	26			
20 services from Warrington Bank Quay to Manchester Piccadilly shall have a journey time of no more than 44 minutes									
Of which 17 services shall have a journey time of no more than 26 minutes									

Station	A	B	C	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
				no later than	earlier than	no later than	earlier than	no later than	earlier than	0200-0659	0700-0959	1000-1559	1600-1959	1900-2200	2200-0159	Total Day			
Holhead	HHD			6:09	2:19			1	4	7	3	3	1	19					
Vale	VAL			6:09	2:11			1	3	5	1	3	0	13					
Widening	WID			8:21	2:11			0	2	4	1	3	0	10					
Ty Croes	TYC			8:21	2:11			0	2	4	1	3	0	10					
Bodorgan	BOD			8:21	2:11			0	2	4	1	3	0	10					
Llandudno	LND			6:09	2:11			1	3	5	1	3	0	13					
Bangor Gwynedd	BNG			6:09	2:19			1	6	12	6	5	1	31					
Llandudochan	LDC			7:03	2:19			0	4	9	5	5	1	24					
Pennantrecwt	PRW			7:03	2:19			0	4	9	5	5	1	24					
Conwy	CNW			7:03	2:19			0	4	9	5	5	1	24					
Llandudno	LND			7:55	2:55			0	5	6	3	3	2	19					
Degwy	DGY			7:55	2:55			0	5	6	3	3	2	19					
Llandudno Junction	LJL			5:35	2:55			3	11	18	9	8	2	51					
Culter Bay	CVB			5:35	2:55			2	11	18	8	8	2	50					
Aberglaslyn Pass	AGL			5:35	2:55			1	5	6	3	3	2	20					
Rhyl	RHL			5:35	2:55			3	11	18	8	8	2	50					
Pwllheli	PWT			5:35	2:55			3	9	18	8	8	2	48					
Ries	RIE			5:35	2:55			3	10	18	8	8	2	49					
Shotton	SHO			5:35	2:55			2	7	18	6	6	2	38					
Chester	CTR	arr						1	11	18	9	8	2	51					

Journey times									
Number of services	Public journey time (mins)	P	Q	R	S	T	U	V	W
19	127				15	71			
19 services from Holhead to Chester shall have a journey time of no more than 127 minutes									
Of which 15 services shall have a journey time of no more than 71 minutes									
31	83				24	76			
31 services from Bangor Gwynedd to Chester shall have a journey time of no more than 83 minutes									
Of which 24 services shall have a journey time of no more than 76 minutes									
19	73				15	66			
19 services from Llandudno to Chester shall have a journey time of no more than 73 minutes									
Of which 15 services shall have a journey time of no more than 66 minutes									
51	61				44	56			
51 services from Llandudno Junction to Chester shall have a journey time of no more than 61 minutes									
Of which 44 services shall have a journey time of no more than 56 minutes									
24	26				22	25			
24 services from Conwy to Chester shall have a journey time of no more than 26 minutes									
Of which 22 services shall have a journey time of no more than 25 minutes									

Station	A	B	C	Early arrival at LJL		Late arrival at LJL		Early departure from LJL		Late departure from LJL		Minimum number of calls at station by W&B services from LJL to LLY and LLY to BFF arriving at Llysperting from LJL 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	no later than	earlier than	0200-0659	0700-0959	1000-1559	1600-1959	1900-2200	2200-0159	Total Day			
Llandudno	LND			6:04	2:55			3	6	11	5	6	0	31					
Degwy	DGY			6:04	2:55			3	6	11	5	6	0	31					
Llandudno Junction	LJL	arr						3	6	11	5	6	0	31					
Llandudno Junction	LJL	dep						1	1	2	1	1	0	6					
Clan Conway	CCW			7:36	19:20			0	1	2	1	1	0	5					
Ty'n Cully	TYC			7:36	19:20			1	1	2	1	1	0	6					
Dolgrog	DOL			7:36	19:20			0	1	2	1	1	0	5					
North Llansann	NLL			7:36	19:20			0	1	2	1	1	0	5					
Llanrwst	LWR			7:36	19:20			1	1	2	1	1	0	6					
Blaen-y-Coed	BYC			7:36	19:20			1	1	2	1	1	0	6					
Pwll Trec	PWT			7:36	19:20			0	1	2	1	1	0	5					
Dolwyddelan	DWD			7:36	19:20			0	1	2	1	1	0	5					
Blaenau Ffestiniog	BFF			7:36	19:20			0	1	2	1	1	0	5					
Blaenau Ffestiniog	BFF			7:36	19:20			1	1	2	1	1	0	6					

Journey times									
Number of services	Public journey time (mins)	P	Q	R	S	T	U	V	W
31	73				25	73			
31 services from Llandudno to Llandudno Junction shall have a journey time of no more than 73 minutes									
Of which 25 services shall have a journey time of no more than 73 minutes									
6	45				5	64			
6 services from Llandudno Junction to Blaenau Ffestiniog shall have a journey time of no more than 45 minutes									
Of which 5 services shall have a journey time of no more than 64 minutes									

End