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 Rhoose and Bridgend;
- East of Cardiff, comprising the route between Cardiff and Gloucester / Cheltenham and the Marches route between Cardiff, Chester and Manchester;
- Cambrian, between Birmingham and Aberystwyth and the Cambrian Coast line serving Pwllheli;
- North Wales, between Manchester, Llandudno and Holyhead, including the Blaenau Ffestiniog branch and services between Crewe and Chester and between Liverpool and Chester; and
- Borderlands, between Wrexham and Bidston.

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

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

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

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

Each station on a route has the number of services specified to or from a ‘key’ station. The ‘key’ station is specified in the table header. The time intervals relate to arrival or departure times at that ‘key’ station. The first and last trains also 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 becovered from Chester to Llandudno Junction

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

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

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

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

North Wales - Birmingham

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

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Birmingham - Aberystwyth

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

Aberystwyth - Birmingham

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

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Aberystwyth - Shrewsbury

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

Shrewsbury - Aberystwyth

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

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North Wales- Manchester

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

Manchester - North Wales

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

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North Wales - Cardiff

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

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

Cardiff - North Wales

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

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

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Cardiff - Manchester

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

Manchester- Cardiff

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

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Carmarthen - Swansea

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

Swansea - Carmarthen

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

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Cardiff - Swansea

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

Swansea - Cardiff

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

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 Aberwystwyth 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 Aberwystwyth. 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 Aberwystwyth - 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	Of which 15 services shall have a journey time of no more than 161 minutes
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	Of which 12 services shall have a journey time of no more than 211 minutes
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	Of which 12 services shall have a journey time of no more than 201 minutes
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	Of which 14 services shall have a journey time of no more than 170 minutes
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	Of which 15 services shall have a journey time of no more than 158 minutes
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	Of which 15 services shall have a journey time of no more than 176 minutes
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	Of which 6 services shall have a journey time of no more than 228 minutes
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	Of which 6 services shall have a journey time of no more than 247 minutes
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	Of which 6 services shall have a journey time of no more than 290 minutes
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	Of which 6 services shall have a journey time of no more than 279 minutes
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	Of which 6 services shall have a journey time of no more than 248 minutes
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	Of which 7 services shall have a journey time of no more than 227 minutes
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	Of which 13 services shall have a journey time of no more than 171 minutes
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	Of which 12 services shall have a journey time of no more than 156 minutes
Swansea	Shrewsbury	*14*	194	14 services from Swansea to Shrewsbury shall have a journey time of no more than 194 minutes	11	185	Of which 11 services shall have a journey time of no more than 185 minutes
Swansea	Crewe	*14*	230	14 services from Swansea to Crewe shall have a journey time of no more than 230 minutes	11	218	Of which 11 services shall have a journey time of no more than 218 minutes
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	Of which 9 services shall have a journey time of no more than 263 minutes
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	Of which 9 services shall have a journey time of no more than 264 minutes
Crewe	Swansea	*14*	259	14 services from Crewe to Swansea shall have a journey time of no more than 259 minutes	11	229	Of which 11 services shall have a journey time of no more than 229 minutes
Shrewsbury	Swansea	*15*	222	15 services from Shrewsbury to Swansea shall have a journey time of no more than 222 minutes	12	190	Of which 12 services shall have a journey time of no more than 190 minutes
Birmingham New Street	Wrexham	*9*	123	9 services from Birmingham New Street to Wrexham shall have a journey time of no more than 125 minutes	6	94	Of which 6 services shall have a journey time of no more than 94 minutes
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	Of which 7 services shall have a journey time of no more than 111 minutes
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	Of which 6 services shall have a journey time of no more than 164 minutes
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	Of which 4 services shall have a journey time of no more than 191 minutes
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	Of which 4 services shall have a journey time of no more than 229 minutes
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	Of which 4 services shall have a journey time of no more than 245 minutes
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	Of which 4 services shall have a journey time of no more than 210 minutes
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	Of which 4 services shall have a journey time of no more than 188 minutes
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	Of which 6 services shall have a journey time of no more than 127 minutes
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	Of which 5 services shall have a journey time of no more than 113 minutes
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	Of which 4 services shall have a journey time of no more than 84 minutes
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	Of which 4 services shall have a journey time of no more than 85 minutes
Aberwystwyth	Shrewsbury	*15*	112	15 services from Aberwystwyth to Shrewsbury shall have a journey time of no more than 112 minutes	12	110	Of which 12 services shall have a journey time of no more than 110 minutes
Aberwystwyth	Birmingham New Street	*13*	185	13 services from Aberwystwyth to Birmingham New Street shall have a journey time of no more than 185 minutes	6	184	Of which 6 services shall have a journey time of no more than 184 minutes
Birmingham New Street	Aberwystwyth	*13*	189	13 services from Birmingham New Street to Aberwystwyth shall have a journey time of no more than 189 minutes	7	177	Of which 7 services shall have a journey time of no more than 177 minutes
Shrewsbury	Aberwystwyth	*16*	120	16 services from Shrewsbury to Aberwystwyth shall have a journey time of no more than 120 minutes	12	115	Of which 12 services shall have a journey time of no more than 115 minutes
Pwhelli	Shrewsbury	*5*	236	5 services from to shall have a journey time of no more than 236 minutes	4	228	Of which 4 services shall have a journey time of no more than 228 minutes
Pwhelli	Birmingham New Street	*5*	303	5 services from to shall have a journey time of no more than 303 minutes	4	298	Of which 4 services shall have a journey time of no more than 298 minutes
Birmingham New Street	Pwhelli	*5*	300	5 services from to shall have a journey time of no more than 300 minutes	4	299	Of which 4 services shall have a journey time of no more than 299 minutes
Shrewsbury	Pwhelli	*5*	238	5 services from to shall have a journey time of no more than 238 minutes	4	237	Of which 4 services shall have a journey time of no more than 237 minutes
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	Of which 20 services shall have a journey time of no more than 66 minutes
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	Of which 11 services shall have a journey time of no more than 113 minutes
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	Of which 13 services shall have a journey time of no more than 112 minutes
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	Of which 16 services shall have a journey time of no more than 62 minutes
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	Of which 2 services shall have a journey time of no more than 114 minutes
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	Of which 6 services shall have a journey time of no more than 104 minutes
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	Of which 6 services shall have a journey time of no more than 140 minutes
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	Of which 3 services shall have a journey time of no more than 117 minutes
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	Of which 8 services shall have a journey time of no more than 110 minutes
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	Of which 4 services shall have a journey time of no more than 141 minutes
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	Of which 2 services shall have a journey time of no more than 179 minutes
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	Of which 6 services shall have a journey time of no more than 168 minutes
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	Of which 1 services shall have a journey time of no more than 180 minutes
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	Of which 7 services shall have a journey time of no more than 180 minutes
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	Of which 1 services shall have a journey time of no more than 213 minutes

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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	Journey times					
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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	*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
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		*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
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	*25*	*75*	25 services from Cardiff Central to Swansea shall have a journey time of no more than 75 minutes	*19*	*68*	Of which 19 services shall have a journey time of no more than 68 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 2a December 2024 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Cardiff West 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
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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			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	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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
Grangetown (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	
Rhoose Cardiff International Ai	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			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	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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
Grangetown (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	
Rhoose Cardiff International Ai	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
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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	
Rhoose Cardiff International A	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
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Confidentiality: TBC
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Date: 5/23/2018

Cardiff North Departures (Monday - Thursday)

Station			Early departure from CDF to Stn no later than	Late departure to Stn from CDF no earlier than	Early departure from CDB no later than	Late departure from CDB no earlier than	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 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Cardiff Central	CDF						18	42	84	42	36	18	240	Includes departures via 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: PPD, TRB, ABA, MER, RHY, BGD
Cardiff Queen St	CDQ		5:25	23:35			21	54	108	54	48	28	313	
Heath Low Level	HLL		6:00	23:00			3	6	12	6	6	3	36	
Ty Glas	TGS		6:00	23:00			3	6	12	6	6	3	36	
Birchgrove	BCG		6:00	23:00			3	6	12	6	6	3	36	
Rhiwbina	RHI		6:00	23:00			3	6	12	6	6	3	36	
Whitchurch (Cardiff)	WHT		6:00	23:00			3	6	12	6	6	3	36	
Coryton	COY		6:00	23:00			3	6	12	6	6	3	36	
Heath High Level	HHL		5:34	23:00			8	18	36	18	12	5	97	
Llanishen	LLS		5:34	23:00			8	18	36	18	12	5	97	
Lisvane and Thornhill	LVT		5:34	23:00			8	18	36	18	12	5	97	
Caerphilly	CPH		5:34	23:00			8	18	36	18	12	5	97	
Aber	ABE		6:15	23:00			4	12	24	12	12	5	69	
Energlyn & C Pk	ECP		6:15	23:00			4	12	24	12	12	5	69	
Llanbradach	LNB		6:15	23:00			4	12	24	12	12	5	69	
Ystrad Mynach	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	
Pengam	PGM		6:15	23:00			4	12	24	12	12	5	69	
Gilfach Fargoed	GFF													Station Closed. Active travel measures implemented. Reference CQ 255
Bargoed	BGD		6:15	23:00			4	12	24	12	12	5	69	
Brithdir	BHD		6:15	23:00			4	12	24	12	12	5	69	
Tir phil	TIR		6:15	23:00			4	12	24	12	12	5	69	
Pontlottyn	PLT		6:15	23:00			4	12	24	12	12	5	69	
Rhymney	RHY		6:15	23:00			4	12	24	12	12	5	69	
Caehays	CYS		5:25	23:35			9	30	60	30	30	18	177	
Llandaf	LLN		5:25	23:35			9	30	60	30	30	18	177	
Radyr	RDR		5:25	23:35			11	36	72	36	36	21	212	At Radyr and stations below, stopping services via FRW specified in CDFS Dep may contribute to meeting the required quantum of calls
Taffs Well	TAF		5:25	23:35			11	36	72	36	36	21	212	
Trefforest Estate	TRE		5:25	23:35			11	36	72	36	36	21	212	
Trefforest	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 Mid Glam	DMG		6:35	23:35			2	12	24	12	12	7	69	
Tonypandy	TNP		6:35	23:35			2	12	24	12	12	7	69	
Llwynypia	LLY		6:35	23:35			2	12	24	12	12	7	69	
Ystrad Rhondda	YSR		6:35	23:35			2	12	24	12	12	7	69	
Ton Pentre	TPN		6:35	23:35			2	12	24	12	12	7	69	
Treorchy	TRY		6:35	23:35			2	12	24	12	12	7	69	
Ynyswen	YNW		6:35	23:35			2	12	24	12	12	7	69	
Treherbert	TRB		6:35	23:35			2	12	24	12	12	7	69	
Abercynon	ACY		5:25	23:11			9	24	48	24	24	14	143	
Penrhiwceiber	PER		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	
Fernhill	FER		6:10	23:00			4	12	24	12	12	7	71	
Cwmbach	CMH		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	MEV		5:25	23:11			5	12	24	12	12	7	72	
Troed Y Rhiw	TRD		5:25	23:11			5	12	24	12	12	7	72	
Pentre bach	PTB		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	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
208	6	208 services from Cardiff Central to Cardiff Queen St shall have a journey time of no more than 6 minutes	174	4	Of which 174 services shall have a journey time of no more than 4 minutes
36	21	36 services from Cardiff Central to Coryton 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 Rhymney 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
35	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	51	35 services from Cardiff Central to Aberdare shall have a journey time of no more than 51 minutes	35	51	Of which 35 services shall have a journey time of no more than 51 minutes
37	50	37 services from Cardiff Central to Merthyr Tydfil shall have a journey time of no more than 50 minutes	37	50	Of which 37 services shall have a journey time of no more than 50 minutes

End

Wales and Borders Rail and South Wales Metro
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Cardiff North Departures (Friday)

Station	A	B	C	Early departure from CDF to Stn no later than	Late departure to Stn from CDF no earlier than	Early departure from CDB no later than	Late departure from CDB no earlier than	Minimum number of calls at station by W&B services departing from CDF or CDB during given timeband unless otherwise stated: 0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
				D	E	F	G	H	I	J	K	L	M	N	O
Cardiff Central		CDF						18	42	84	42	36	27	249	Includes departures via FRW running north of RDR
Cardiff Bay		CDB				6:35	0:00	5	18	36	18	18	12	107	All services departing CDB to operate to one or more of the following destinations: PPD, TRB, ABA, MER, RHY, BGD
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	
Birchgrove		BCG		6:00	0:00			3	6	12	6	6	5	38	
Rhiwbina		RHI		6:00	0:00			3	6	12	6	6	5	38	
Whitchurch (Cardiff)		WHT		6:00	0:00			3	6	12	6	6	5	38	
Coryton		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	
Llanishen		LLS		5:34	0:00			8	18	36	18	12	8	100	
Lisvane 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	
Energlyn & C Pk		ECP		6:15	0:00			4	12	24	12	12	8	72	
Llanbradach		LNB		6:15	0:00			4	12	24	12	12	8	72	
Ystrad Mynach		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	
Pengam		PGM		6:15	0:00			4	12	24	12	12	8	72	
Gilfach Fargoed		GFF													Station Closed. Active travel measures implemented. Reference CQ 255
Bargoed		BGD		6:15	0:00			4	12	24	12	12	8	72	
Brithdir		BHD		6:15	0:00			4	12	24	12	12	8	72	
Tir phil		TIR		6:15	0:00			4	12	24	12	12	8	72	
Pontlottyn		PLT		6:15	0:00			4	12	24	12	12	8	72	
Rhymney		RHY		6:15	0:00			4	12	24	12	12	8	72	
Caerdydd		CYS		5:25	0:22			10	30	60	30	30	22	182	
Llandaf		LLN		5:25	0:22			10	30	60	30	30	22	182	
Radyr		RDR		5:25	0:22			12	36	72	36	36	27	219	At Radyr and stations below, stopping services via FRW specified in CDFS Dep may contribute to meeting the required quantum of calls
Taffs Well		TAF		5:25	0:22			12	36	72	36	36	27	219	
Trefforest Estate		TRE		5:25	0:22			12	36	72	36	36	27	219	
Trefforest		TRF		5:25	0:22			12	36	72	36	36	27	219	
Pontypridd		PPD		5:25	0:22			12	36	72	36	36	27	219	
Trehafod		TRH		6:35	0:22			2	12	24	12	12	9	71	
Porth		POR		6:35	0:22			2	12	24	12	12	9	71	
Dinas Mid Glam		DMG		6:35	0:22			2	12	24	12	12	9	71	
Tonypandy		TNP		6:35	0:22			2	12	24	12	12	9	71	
Llwynypia		LLY		6:35	0:22			2	12	24	12	12	9	71	
Ystrad Rhondda		YSR		6:35	0:22			2	12	24	12	12	9	71	
Ton Pentre		TPN		6:35	0:22			2	12	24	12	12	9	71	
Treorchy		TRY		6:35	0:22			2	12	24	12	12	9	71	
Ynyswen		YNW		6:35	0:22			2	12	24	12	12	9	71	
Treherbert		TRB		6:35	0:22			2	12	24	12	12	9	71	
Abercynon		ACY		5:25	0:11			10	24	48	24	24	18	148	
Penrhiwceiber		PER		6:10	0:00			4	12	24	12	12	9	73	
Mountain Ash		MTA		6:10	0:00			4	12	24	12	12	9	73	
Fernhill		FER		6:10	0:00			4	12	24	12	12	9	73	
Cwmbach		CMH		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	
Merthyr Vale		MEV		5:25	0:11			6	12	24	12	12	9	75	
Troed Y Rhiw		TRD		5:25	0:11			6	12	24	12	12	9	75	
Pentre bach		PTB		5:25	0:11			6	12	24	12	12	9	75	
Merthyr Tydfil		MER		5:25	0:11			6	12	24	12	12	9	75	

Journey times

Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
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 Coryton 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 Bargoed 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 Merthyr Tydfil 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

End

Wales and Borders Rail and South Wales Metro
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Confidentiality: TBC
Version: Final
Date: 5/23/2018

Cardiff North Arrivals

Station			Early arrival at CDF from Stn no later than	Late arrival at CDF from Stn no earlier than	Early arrival at CDB no later than	Late arrival at CDB no earlier than	Minimum number of calls at station by W&B services arriving at 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 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Merthyr Tydfil	MER		6:18	23:58			3	12	24	12	12	9	72	
Pentre bach	PTB		6:18	23:58			3	12	24	12	12	9	72	
Troed Y Rhiw	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	
Cwmbach	CMH		6:30	23:05			3	12	24	12	12	7	70	
Fernhill	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	
Penrhiwceiber	PER		6:30	23:05			3	12	24	12	12	7	70	
Abercynon	ACY		6:18	23:58			6	24	48	24	24	16	142	
Treherbert	TRB		6:30	23:32			3	12	24	12	12	6	69	
Ynyswen	YNW		6:30	23:32			3	12	24	12	12	6	69	
Treorchy	TRY		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	
Ystrad Rhondda	YSR		6:30	23:32			3	12	24	12	12	6	69	
Llwynypia	LLY		6:30	23:32			3	12	24	12	12	6	69	
Tonypandy	TNP		6:30	23:32			3	12	24	12	12	6	69	
Dinas Mid Glam	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	
Pontypridd	PPD		6:18	23:58			9	36	72	36	36	22	211	
Trefforest	TRF		6:18	23:58			9	36	72	36	36	22	211	
Trefforest Estate	TRE		6:18	23:58			9	36	72	36	36	22	211	
Taffs Well	TAF		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 CDFS Arr may contribute to meeting the required quantum of calls
Llandaf	LLN		6:18	23:58			7	30	60	30	30	19	176	
Cathays	CYS		6:18	23:58			7	30	60	30	30	19	176	
Rhymney	RHY		6:30	23:15			3	12	24	12	12	6	69	
Pontlottyn	PLT		6:30	23:15			3	12	24	12	12	6	69	
Tir phil	TIR		6:30	23:15			3	12	24	12	12	6	69	
Brithdir	BHD		6:30	23:15			3	12	24	12	12	6	69	
Bargoed	BGD		6:30	23:15			3	12	24	12	12	6	69	
Gilfach Fargoed	GFF													Station Closed. Active travel measures implemented. Reference CQ 255
Pengam	PGM		6:30	23:15			3	12	24	12	12	6	69	
Hengoed	HNG		6:30	23:15			3	12	24	12	12	6	69	
Ystrad Mynach	YSM		6:30	23:15			3	12	24	12	12	6	69	
Llanbradach	LNB		6:30	23:15			3	12	24	12	12	6	69	
Energlyn & C Pk	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	
Caerphilly	CPH		6:30	23:15			5	18	36	18	14	6	97	
Lisvane and Thornhill	LVT		6:30	23:15			5	18	36	18	14	6	97	
Llanishen	LLS		6:30	23:15			5	18	36	18	14	6	97	
Heath High Level	HHL		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	
Rhiwbina	RHI		6:30	23:30			1	6	12	6	6	5	36	
Birchgrove	BCG		6:30	23:30			1	6	12	6	6	5	36	
Ty Glas	TGS		6:30	23:30			1	6	12	6	6	5	36	
Heath Low Level	HLL		6:30	23:30			1	6	12	6	6	5	36	
Cardiff Queen St	CDQ		5:57	0:05			15	54	108	54	50	30	311	
Cardiff Bay	CDB				6:35	23:50	3	18	36	18	18	11	104	All services arriving at CDB to operate from one or more of the following destinations: PPD, TRB, ABA, MER, RHY, BGD
Cardiff Central	CDF						12	42	84	42	38	22	240	Includes arrivals via FRW commencing north of RDR

Journey times

Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
37	51	37 services from Merthyr Tydfil to Cardiff Central shall have a journey time of no more than 51 minutes	37	51	Of which 37 services shall have a journey time of no more than 51 minutes
35	52	35 services from Aberdare to Cardiff Central shall have a journey time of no more than 52 minutes	35	52	Of which 35 services shall have a journey time of no more than 52 minutes
35	53	35 services from Treherbert to Cardiff Central shall have a journey time of no more than 53 minutes	34	52	Of which 34 services shall have a journey time of no more than 52 minutes
107	31	107 services from Pontypridd to Cardiff Central shall have a journey time of no more than 31 minutes	107	31	Of which 107 services shall have a journey time of no more than 31 minutes
69	51	69 services from Rhymney to Cardiff Central shall have a journey time of no more than 51 minutes	52	50	Of which 52 services shall have a journey time of no more than 50 minutes
69	39	69 services from Bargoed to Cardiff Central 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
97	21	97 services from Caerphilly to Cardiff Central shall have a journey time of no more than 21 minutes	82	20	Of which 82 services shall have a journey time of no more than 20 minutes
36	20	36 services from Coryton to Cardiff Central shall have a journey time of no more than 20 minutes	36	20	Of which 36 services shall have a journey time of no more than 20 minutes
207	5	207 services from Cardiff Queen St to Cardiff Central shall have a journey time of no more than 5 minutes	171	4	Of which 171 services shall have a journey time of no more than 4 minutes

End

Wales and Borders Rail and South Wales Metro

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Confidentiality: TBC

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Date: 5/23/2018

Borderlands Departures

Station			Early departure from WRX to Stn no later than	Late departure from WRX to Stn no earlier than	Early arrival at WRX from Stn no later than	Late arrival at WRX from Stn no earlier than	Minimum number of calls at station by W&B services departing from WRX during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Wrexham Central	WXC				6:30	21:55	1	6	12	6	1	1	27	This row is based on arrival times at WRX
Wrexham General	WRX						2	6	12	6	1	1	28	
Gwersyllt	GWE		6:24	21:55			2	6	12	6	1	1	28	
Cefn Y Bedd	CYB		6:36	21:55			1	3	6	3	1	1	15	
Caergwrle	CGW		6:36	21:55			1	3	6	3	1	1	15	
Hope Clwyd	HPE		6:36	21:55			1	3	6	3	1	1	15	
Penyffordd	PNF		6:36	21:55			1	3	6	3	1	1	15	
Buckley	BCK		6:24	21:55			2	6	12	6	1	1	28	
Hawarden	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

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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
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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	
Caergwrle	CGW		8:06	23:49			0	3	6	3	2	1	15	
Cefn Y Bedd	CYB		8:06	23:49			0	3	6	3	2	1	15	
Gwersyllt	GWE		8:06	23:49			0	5	12	6	4	1	28	
Wrexham General	WRX						0	5	12	6	4	1	28	
Wrexham Central	WXC				6:30	21:54	2	6	12	6	3	0	29	This row based on WRX departures

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
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

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Version: Final

Date: 5/23/2018

Cardiff East 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	Journey times					
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Cardiff Central	CDF						8	12	25	14	10	4	73							
Pye Corner	PYE		6:35	23:05			1	3	6	3	3	1	17							
Rogerstone	ROR		6:35	23:05			1	3	6	3	3	1	17							
Risca & Pontyminster	RCA		6:35	23:05			1	3	6	3	3	1	17							
Crosskeys	CKY		6:35	23:05			1	3	6	3	3	1	17	Between 0700 and 2200, 1 additional service per hour shall run from NWP to EBB, calling all stations. A minimum of 16 additional services per day						
Newbridge	NBE		6:35	23:05			1	3	6	3	3	1	17							
Llanhilleth	LTH		6:35	23:05			1	3	6	3	3	1	17							
Ebbw Vale Parkway	EBV		6:35	23:05			1	3	6	3	3	1	17							
Ebbw Vale Town	EBB		6:35	23:05			1	3	6	3	3	1	17							
Newport Gwent	NWP		4:35	0:30			7	9	19	11	7	3	56		17	62	17 services from Cardiff Central to Ebbw Vale Town shall have a journey time of no more than 62 minutes	16	61	Of which 16 services shall have a journey time of no more than 61 minutes
Severn Tunnel Junction	STJ		5:32	23:10			2	3	6	3	3	2	19		56	22	56 services from Cardiff Central to Newport Gwent shall have a journey time of no more than 22 minutes	49	17	Of which 49 services shall have a journey time of no more than 17 minutes
Caldicot	CDT		5:32	23:10			2	3	6	3	3	2	19							
Chepstow	CPW		5:32	23:10			2	3	6	3	3	2	19							
Lydney	LYD		5:32	23:10			2	3	6	3	3	2	19							
Gloucester	GCR		5:32	23:10			2	3	6	3	3	2	19		19	81	19 services from Cardiff Central to Gloucester shall have a journey time of no more than 81 minutes	15	70	Of which 15 services shall have a journey time of no more than 70 minutes
Cheltenham Spa	CNM		5:32	22:00			2	3	6	3	3	1	18		18	88	18 services from Cardiff Central to Cheltenham Spa shall have a journey time of no more than 88 minutes	14	83	Of which 14 services shall have a journey time of no more than 83 minutes
Cwmbran	CWM		4:35	0:30			5	6	12	8	4	1	36							
Pontypool New Inn	PPL		4:35	0:30			4	3	7	5	3	1	23							
Abergavenny	AGV		4:35	0:30			5	6	12	8	4	1	36							
Hereford	HFD		4:35	0:30			5	6	12	8	4	1	36		36	77	36 services from Cardiff Central to Hereford shall have a journey time of no more than 77 minutes	27	66	Of which 27 services shall have a journey time of no more than 66 minutes
Leominster	LEO		4:35	21:55			4	3	7	3	4	0	21							
Ludlow	LUD		4:35	21:55			5	5	10	6	4	0	30							
Craven Arms	CRV		4:35	21:55			5	3	9	5	4	0	26	Excludes sevices via HoW Line						
Church Stretton	CTT		4:35	21:55			5	3	9	5	4	0	26	Excludes sevices via HoW Line						
Shrewsbury	SHR		4:35	21:55			5	6	12	8	4	0	35	Excludes sevices via HoW Line	35	128	35 services from Cardiff Central to Shrewsbury shall have a journey time of no more than 128 minutes	28	121	Of which 28 services shall have a journey time of no more than 121 minutes

Station			Early departure from SHR to Stn no later than	Late departure from SHR to Stn no earlier than	Early arrival at Stn from SHR no later than	Late arrival at Stn from SHR no earlier than	Minimum number of calls at station by W&B services departing from SHR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	Journey times					
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Shrewsbury	SHR						2	7	12	7	7	3	38							
Gobowen	GOB		5:20	23:35			2	7	12	6	6	2	35							
Chirk	CRK		5:20	23:35			2	4	6	3	5	2	22							
Ruabon	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		35	44	35 services from Shrewsbury to Wrexham General shall have a journey time of no more than 44 minutes	27	35	Of which 27 services shall have a journey time of no more than 35 minutes
Chester	CTR		5:20	23:35			1	6	12	7	7	3	36	3 additional services to be provided between SHR and CTR via CRE: such services may be provided within the quantum of services between SHR and CRE and between CRE and CTR specified elsewhere in this TSR2	36	68	36 services from Shrewsbury to Chester shall have a journey time of no more than 68 minutes	27	54	Of which 27 services shall have a journey time of no more than 54 minutes
Shrewsbury	SHR		5:31	0:10			2	4	9	5	5	3	28							
Yorton	YRT		5:31	0:10			1	1	3	2	1	3	11							
Wem	WEM		5:31	0:10			2	2	3	3	1	3	14							
Prees	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							
Wrenbury	WRE		5:31	0:10			1	1	3	2	1	3	11							
Nantwich	NAN		5:31	0:10			2	3	7	4	3	3	22							
Crewe	CRE		5:31	0:10			2	4	9	5	5	3	28	One additional service to MAN departing CRE 0200-0659 to be provided	28	52	28 services from Shrewsbury to Crewe shall have a journey time of no more than 52 minutes	22	50	Of which 22 services shall have a journey time of no more than 50 minutes
Wilmslow	WML		6:45	22:20			1	3	6	2	3	1	16	One additional service to MAN departing CRE 0200-0659 to be provided						
Stockport	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	8:05	23:39	1	3	6	2	3	2	17	One additional service to MAN departing CRE 0200-0659 to be provided	17	124	17 services from Shrewsbury to Manchester Piccadilly shall have a journey time of no more than 124 minutes	13	94	Of which 13 services shall have a journey time of no more than 94 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 East 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	Journey times					
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Shrewsbury	SHR		7:50	1:20			0	6	13	6	6	4	35	Excludes sevices via HoW Line						
Church Stretton	CTT		7:50	1:20			0	4	4	3	4	3	18	Excludes sevices via HoW Line						
Craven Arms	CRV		7:50	1:20			0	4	3	3	4	3	17	Excludes sevices via HoW Line						
Ludlow	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							
Abergavenny	AGV		6:45	1:20			1	5	12	6	6	4	34							
Pontypool New Inn	PPL		6:45	0:14			1	4	3	3	2	2	15							
Cwmbran	CWM		6:45	1:20			1	5	11	5	6	4	32							
Cheltenham Spa	CNM		7:01	0:40			0	4	6	3	3	3	19		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
Gloucester	GCR		7:01	0:40			0	4	6	3	3	3	19		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
Lydney	LYD		7:01	0:40			0	4	6	3	3	3	19							
Chepstow	CPW		7:01	0:40			0	4	6	3	3	3	19							
Caldicot	CDT		7:01	0:40			0	4	6	3	3	3	19							
Severn Tunnel 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		58	31	58 services from Newport Gwent to Cardiff Central shall have a journey time of no more than 31 minutes	47	21	Of which 47 services shall have a journey time of no more than 21 minutes
Ebbw Vale Town	EBB		7:32	23:45			0	3	6	3	3	4	19		19	71	19 services from Ebbw 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
Ebbw Vale Parkway	EBV		7:32	23:45			0	3	6	3	3	4	19							
Llanhilleth	LTH		7:32	23:45			0	3	6	3	3	4	19	Between 0700 and 2200, 1 additional service per hour shall run from EBB to NWP, calling all stations. A minimum of 16 additional services per day						
Newbridge	NBE		7:32	23:45			0	3	6	3	3	4	19							
Crosskeys	CKY		7:32	23:45			0	3	6	3	3	4	19							
Risca & Pontyminster	RCA		7:32	23:45			0	3	6	3	3	4	19							
Rogerstone	ROR		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	CDF		6:45	1:20			1	13	26	12	12	13	77							

Station			Early arrival at SHR from Stn no later than	Late arrival at SHR from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at SHR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	Journey times					
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Chester	CTR		6:30	23:23			1	5	13	6	4	3	32		32	58	32 services from Chester to Shrewsbury 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
Wrexham General	WRX		6:30	23:23			1	5	13	6	4	3	32		32	42	32 services from Wrexham General to Shrewsbury 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
Ruabon	RUA		6:30	23:23			1	3	8	3	3	3	21							
Chirk	CRK		6:30	23:23			1	3	8	3	3	3	21							
Gobowen	GOB		6:30	23:23			1	4	13	6	4	3	31							
Shrewsbury	SHR						1	5	13	6	4	3	32							
Alderley Edge																				
Manchester Piccadilly	MAN		7:41	0:05			0	3	6	3	2	3	17		17	100	17 services from Manchester Piccadilly to Shrewsbury 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
Stockport	SPT		7:41	0:05			0	3	6	3	2	3	17							
Wilmslow	WML		7:41	0:05			0	3	6	3	2	3	17							
Crewe	CRE		5:30	0:05			2	5	9	5	3	3	27		27	57	27 services from Crewe to Shrewsbury 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
Nantwich	NAN		5:30	0:05			2	3	4	4	3	3	19							
Wrenbury	WRE		6:45	0:05			1	1	3	2	2	3	12							
Whitchurch Salop	WTC		5:30	0:05			2	2	4	4	3	3	18							
Prees	PRS		6:45	0:05			1	1	3	2	2	3	12							
Wem	WEM		5:30	0:05			2	2	3	4	3	3	17							
Yorton	YRT		6:45	0:05			1	1	3	2	2	3	12							
Shrewsbury	SHR						2	5	9	5	3	3	27							

End

Wales and Borders Rail and South Wales Metro

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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
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Swansea	SWA						2	3	11	7	3	3	29	Excludes sevices via HoW Line, 1 additional call to be provided FO by a service departing CDF 22:00-0159
Gowerton	GWN		5:45	23:45			2	2	8	7	3	3	25	Excludes sevices 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 sevices via HoW Line, 1 additional call to be provided by additional service from CDF departing CDF 2200-0159.
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 2200-0159.
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 2200-0159.
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 2200-0159.
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 2200-0159.

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

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Swansea West Arrivals

Station			Early arrival at SWA frm Stn no later than	Late arrival at SWA from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at SWA during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations	Journey times					
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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*	*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
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*	*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
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*						

Station			Early arrival at CMN from Stn no later than	Late arrival at CMN from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CMN during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	Journey times					
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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*	*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
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*						
Milford Haven	MFH		6:48	1:15			1	1	3	2	2	2	11		*11*	*58*	11 services from Milford 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
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*	*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
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							

End

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Heart of Wales Departures

Station			Early departure from SHR to Stn no later than	Late departure from SHR to Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing from SHR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	Journey times				
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Shrewsbury	SHR						2	1	2	1	1	0	7	*Includes HoW services only.*						
Church Stretton	CTT		5:15	21:02			2	1	2	1	1	0	7	*Includes HoW services only.*						
Craven Arms	CRV		5:15	21:02			2	1	2	1	1	0	7	*Includes HoW services only.*						
Broome	BME		5:43	21:02			1	1	2	1	1	0	6							
Hopton Heath	HPT		5:43	21:02			1	1	2	1	1	0	6							
Bucknell	BUK		5:43	21:02			1	1	2	1	1	0	6							
Knighton	KNI		5:15	21:02			2	1	2	1	1	0	7							
Knucklas	KNU		5:43	21:02			1	1	2	1	1	0	6							
Llangynllo	LGO		5:43	21:02			1	1	2	1	1	0	6							
Llanbister Road	LLT		5:43	21:02			1	1	2	1	1	0	6							
Dolau	DOL		5:43	21:02			1	1	2	1	1	0	6							
Pen Y Bont	PNY		5:43	21:02			1	1	2	1	1	0	6							
Llandrindod	LLO		5:15	21:02			2	1	2	1	1	0	7		7	94	7 services from Shrewsbury to Llandrindod 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
Builth Road	BHR		5:43	18:00			1	1	2	1	0	0	5							
Cilmeri	CIM		5:43	18:00			1	1	2	1	0	0	5							
Garth Powys	GTH		5:43	18:00			1	1	2	1	0	0	5							
Llangammarch	LLM		5:43	18:00			1	1	2	1	0	0	5							
Llanwrtyd	LNW		5:43	18:00			1	1	2	1	0	0	5							
SugarLoaf	SUG		5:43	18:00			1	1	2	1	0	0	5							
Cynghordy	CYN		5:43	18:00			1	1	2	1	0	0	5							
Llandovery	LLV		5:43	18:00			1	1	2	1	0	0	5	*1 additional call to be provided by a service arriving SWA no later than 08:15. 1 further call to be provided by a service to SWA.*	7	107	7 services from Llandovery 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
Llanwrda	LNR		5:43	18:00			1	1	2	1	0	0	5	*1 additional call to be provided by a service arriving SWA no later than 08:15. 1 further call to be provided by a service to SWA.*						
Llangadog	LLG		5:43	18:00			1	1	2	1	0	0	5	*1 additional call to be provided by a service arriving SWA no later than 08:15. 1 further call to be provided by a service to SWA.*						
Llandeilo	LLL		5:43	18:00			1	1	2	1	0	0	5	*1 additional call to be provided by a service arriving SWA no later than 08:15. 1 further call to be provided by a service to SWA.*						
Ffairfach	FFA		5:43	18:00			1	1	2	1	0	0	5	*1 additional call to be provided by a service arriving SWA no later than 08:15. 1 further call to be provided by a service to SWA.*						
Llandybie	LLI		5:43	18:00			1	1	2	1	0	0	5	*1 additional call to be provided by a service arriving SWA no later than 08:15. 1 further call to be provided by a service to SWA.*						
Ammanford	AMF		5:43	18:00			1	1	2	1	0	0	5	*1 additional call to be provided by a service arriving SWA no later than 08:15. 1 further call to be provided by a service to SWA.*						
Pantyffynnon	PTF		5:43	18:00			1	1	2	1	0	0	5	*1 additional call to be provided by a service arriving SWA no later than 08:15. 1 further call to be provided by a service to SWA.*						
Pontarddulais	PTD		5:43	18:00			1	1	2	1	0	0	5	*1 additional call to be provided by a service arriving SWA no later than 08:15. 1 further call to be provided by a service to SWA.*						
Llangennech	LLH		5:43	18:00			1	1	2	1	0	0	5	*1 additional call to be provided by a service arriving SWA no later than 08:15. 1 further call to be provided by a service to SWA.*						
Bynea	BYE		5:43	18:00			1	1	2	1	0	0	5	*1 additional call to be provided by a service arriving SWA no later than 08:15. 1 further call to be provided by a service to SWA.*						
Llanelli	LLE		5:43	18:00			1	1	2	1	0	0	5	*Includes services via HoW Line only. 1 additional call to be provided by a service arriving SWA no later than 08:15; 1 further call to be provided by a service to SWA.*						
Gowerton	GWN		5:43	18:00			1	1	2	1	0	0	5	*Includes services via HoW Line only. 1 additional call to be provided by a service arriving SWA no later than 08:15; 1 further call to be provided by a service to SWA.*						
Swansea	SWA		5:43	18:00			1	1	2	1	0	0	5	*Includes services via HoW Line only. 1 additional call to be provided by a service arriving SWA no later than 08:15; 1 further call to be provided by a service to SWA.*	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			Early arrival at SHR from at Stn no later than	Late arrival at SHR from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving in SHR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Swansea			9:35	22:50			0	1	1	1	1	1	5	*Includes services via HoW Line only. 1 further call to be provided by a service to LLV.*
Gowerton		GWN	9:35	22:50			0	1	1	1	1	1	5	*Includes services via HoW Line only. 1 further call to be provided by a service to LLV.*
Llanelli		LLE	9:35	22:50			0	1	1	1	1	1	5	*Includes services via HoW only. 1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.*
Bynea		BYE	9:35	22:50			0	1	1	1	1	1	5	*1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.*
Llangennech		LLH	9:35	22:50			0	1	1	1	1	1	5	*1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.*
Pontarddulais		PTD	9:35	22:50			0	1	1	1	1	1	5	*1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.*
Pantyffynnon		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.*
Pairfach		FFA	9:35	22:50			0	1	1	1	1	1	5	*1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.*
Llandeilo		LLL	9:35	22:50			0	1	1	1	1	1	5	*1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.*
Llangadog		LLG	9:35	22:50			0	1	1	1	1	1	5	*1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.*
Llanwrda		LNR	9:35	22:50			0	1	1	1	1	1	5	*1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.*
Llandovery		LLV	9:35	22:50			0	1	1	1	1	1	5	*1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.*
Cynghordy		CYN	9:35	22:50			0	1	1	1	1	1	5	
SugarLoaf		SUG	9:35	22:50			0	1	1	1	1	1	5	
Llanwrtyd		LNW	9:35	22:50			0	1	1	1	1	1	5	
Llangammarch		LLM	9:35	22:50			0	1	1	1	1	1	5	
Garth Powys		GTH	9:35	22:50			0	1	1	1	1	1	5	
Cilmeri		CIM	9:35	22:50			0	1	1	1	1	1	5	
Builth Road		BHR	9:35	22:50			0	1	1	1	1	1	5	
Llandrindod		LLO	8:00	0:09			0	2	1	1	1	2	7	
Pen Y Bont		PNY	8:00	0:09			0	2	1	1	1	2	7	
Dolau		DOL	8:00	0:09			0	2	1	1	1	2	7	
Llanbister Road		LLT	8:00	0:09			0	2	1	1	1	2	7	
Llangynllo		LGO	8:00	0:09			0	2	1	1	1	2	7	
Knucklas		KNU	8:00	0:09			0	2	1	1	1	2	7	
Knighton		KNI	8:00	0:09			0	2	1	1	1	2	7	
Bucknell		BUK	8:00	0:09			0	2	1	1	1	2	7	
Hopton Heath		HPT	8:00	0:09			0	2	1	1	1	2	7	
Broome		BME	8:00	0:09			0	2	1	1	1	2	7	
Craven Arms		CRV	8:00	0:09			0	2	1	1	1	2	7	*Includes services via HoW Line only*
Church Stretton		CTT	8:00	0:09			0	2	1	1	1	2	7	*Includes services via HoW Line only*
Shrewsbury		SHR					0	2	1	1	1	2	7	*Includes services via HoW Line only*

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

End

Wales and Borders Rail and South Wales Metro
Weekdays TSR 2a December 2024 SX
Confidentiality: TBC
Version: Final
Date: 5/23/2018

Cambrian Line Departures

Station			Early departure from BHM to Stn no later than	Late departure from BHM to Stn no earlier than	Early arrival at BHM from Stn no later than	Late arrival at BHM from Stn no earlier than	Minimum number of calls at station by W&B services departing from BHM 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	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Birmingham International	BHI				7:21	21:15	0	3	6	3	3	0	15	*This row is based on arrival times at BHM*
Birmingham New St	BHM						1	3	6	3	3	2	18	
Smethwick Galton Bridge	SGB		6:25	23:30			1	3	6	3	3	2	18	
Sandwell & Dudley	SAD						0	0	0	0	0	0	0	
Wolverhampton	WVH		6:25	23:30			1	3	6	3	3	2	18	*1 additional call to be provided by a service departing WVH 2200-0159*
Stafford	STA						0	0	0	0	0	1	1	
Crewe	CRE						0	0	0	0	0	1	1	
Bilbrook	BBK		23:40	23:40			0	0	0	0	0	1	1	
Codsall	CSL		23:40	23:40			0	0	0	0	0	1	1	
Albrighton	ALB		23:40	23:40			0	0	0	0	0	1	1	
Cosford	COS		23:40	23:40			0	0	0	0	0	1	1	
Shifnal	SFN		23:40	23:40			0	0	0	0	0	1	1	
Telford Central	TFC		6:25	23:30			1	3	6	3	3	1	17	*1 additional call to be provided by a service departing WVH 2200-0159*
Oakengates	OKN		23:40	23:40			0	0	0	0	0	1	1	
Wellington Salop	WLN		6:25	23:30			1	3	6	3	3	1	17	*1 additional call to be provided by a service departing WVH 2200-0159*
Shrewsbury	SHR		6:25	23:30			1	3	6	3	3	1	17	*1 additional call to be provided by a service departing WVH 2200-0159*

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

Station			Early departure from SHR to Stn no later than	Late departure from SHR to Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing SHR during given timeband							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	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Shrewsbury	SHR	*dep*					1	3	6	3	3	0	16	
Welshpool	WLP		6:25	21:50			1	3	6	3	3	0	16	
Newtown Powys	NWT		6:25	21:50			1	3	6	3	3	0	16	
Caersws	CWS		6:25	21:50			1	3	6	3	3	0	16	
Machynlleth	MCN		6:25	21:50			1	3	6	3	3	0	16	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
16	*82*	16 services from Shrewsbury to Machynlleth shall have a journey time of no more than 82 minutes	*13*	*77*	Of which 13 services shall have a journey time of no more than 77 minutes

Station			Early departure from MCN to Stn no later than	Late departure from MCN to Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing MCN during given timeband							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	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Machynlleth	MCN						5	4	9	4	5	1	28	
Dovey Junction	DVY		4:55	23:01			5	4	9	4	5	1	28	
Borth	BRH		4:55	23:01			3	3	6	3	3	1	19	
Bow Street	BOW		4:55	23:01			3	3	6	3	3	1	19	
Aberystwyth	AYW		4:55	23:01			3	3	6	3	3	1	19	
Penhelig	PHG		5:07	21:45			2	1	3	1	2	0	9	
Aberdovey	AVY		5:07	21:45			2	1	3	1	2	0	9	
Tywyn	TYW		5:07	21:45			2	1	3	1	2	0	9	
Tonfanau	TNF		5:07	21:45			2	1	3	1	2	0	9	
Llwyngwril	LLW		5:07	21:45			2	1	3	1	2	0	9	
Fairbourne	FRB		5:07	21:45			2	1	3	1	2	0	9	
Morfa Mawddach	MFA		5:07	21:45			2	1	3	1	2	0	9	
Barmouth	BRM		5:07	21:45			2	1	3	1	2	0	9	
Llanaber	LLA		6:45	21:45			1	1	3	1	2	0	8	
Talybont	TLB		6:45	21:45			1	1	3	1	2	0	8	
Dyffryn Arddwy	DYF		6:45	21:45			1	1	3	1	2	0	8	
Llanbedr	LBR		6:45	21:45			1	1	3	1	2	0	8	
Pensarn	PES		6:45	21:45			1	1	3	1	2	0	8	
Llandanwg	LDN		6:45	21:45			1	1	3	1	2	0	8	
Harlech	HRL		6:45	21:45			1	1	3	1	2	0	8	
Tygwyn	TYG		6:45	21:45			1	1	3	1	2	0	8	
Talsarnau	TAL		6:45	21:45			1	1	3	1	2	0	8	
Llandecwyn	LLC		6:45	21:45			1	1	3	1	2	0	8	
Penrhyndeudraeth	PRH		6:45	21:45			1	1	3	1	2	0	8	
Minffordd	MFF		6:45	21:45			1	1	3	1	2	0	8	
Porthmadog	PTM		6:45	21:45			1	1	3	1	2	0	8	
Criccieth	CCC		6:45	21:45			1	1	3	1	2	0	8	
Penychain	BPC		6:45	21:45			1	1	3	1	2	0	8	
Abererch	ABH		6:45	21:45			1	1	3	1	2	0	8	
Pwllheli	PWL		6:45	21:45			1	1	3	1	2	0	8	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
19	*41*	19 services from Machynlleth to Aberystwyth shall have a journey time of no more than 41 minutes	*15*	*36*	Of which 15 services shall have a journey time of no more than 36 minutes
8	*154*	8 services from Machynlleth to Pwllheli shall have a journey time of no more than 154 minutes	*6*	*152*	Of which 6 services shall have a journey time of no more than 152 minutes

End

Wales and Borders Rail and South Wales Metro
Weekdays TSR 2a December 2024 SX
Confidentiality: TBC
Version: Final
Date: 5/23/2018

Cambrian Line Arrivals

Station			Early arrival at BHM from Stn no later than	Late arrival at BHM from Stn no earlier than	Early departure from BHM to Stn no later than	Late departure from BHM to Stn no earlier than	Minimum number of calls at station by W&B services arriving at BHM during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Shrewsbury	SHR		6:18	23:27			1	3	6	3	2	2	17	*1 additional call provided by service from SHR departing SHR 2200-0159*
Wellington Salop	WLN		6:18	23:27			1	3	6	3	2	2	17	*1 additional call provided by service from SHR departing SHR 2200-0159*
Oakengates	OKN		-	-			0	0	0	0	0	0	0	*1 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	*1 additional call provided by service from SHR departing SHR 2200-0159*
Shifnal	SFN		-	-			0	0	0	0	0	0	0	*1 additional call provided by service from SHR departing SHR 2200-0159*
Cosford	COS		-	-			0	0	0	0	0	0	0	*1 additional call provided by service from SHR departing SHR 2200-0159*
Albrighton	ALB		-	-			0	0	0	0	0	0	0	*1 additional call provided by service from SHR departing SHR 2200-0159*
Codsall	CSL		-	-			0	0	0	0	0	0	0	*1 additional call provided by service from SHR departing SHR 2200-0159*
Bilbrook	BBK		-	-			0	0	0	0	0	0	0	*1 additional call provided by service from SHR departing SHR 2200-0159*
Crewe	CRE		6:10	-			1	2	0	0	0	0	3	
Stafford	STA		6:10	-			1	0	0	0	0	0	1	
Wolverhampton	WVH		6:10	23:27			2	3	6	3	2	2	18	*1 additional call provided by service from SHR departing SHR 2200-0159*
Sandwell & Dudley	SAD		-	-			0	0	0	0	0	0	0	
Smethwick Galton Bridge	SGB		6:18	22:30			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	U
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			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 at SHR during given timeband							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	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Machynlleth	MCN		7:10	21:17			0	3	6	3	3	0	15	
Caersws	CWS		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	
Welshpool	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	U
15	*77*	15 services from Machynlleth to Shrewsbury shall have a journey time of no more than 77 minutes	*13*	*76*	Of which 13 services shall have a journey time of no more than 76 minutes

Station			Early arrival at MCN from Stn no later than	Late arrival at MCN from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at MCN during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Pwllheli	PWL	*dep*	8:47	22:45			0	2	3	1	1	1	8	
Abererch	ABH		8:47	22:45			0	2	3	1	1	1	8	
Penychain	BPC		8:47	22:45			0	2	3	1	1	1	8	
Criccieth	CCC		8:47	22:45			0	2	3	1	1	1	8	
Porthmadog	PTM		8:47	22:45			0	2	3	1	1	1	8	
Minffordd	MFF		8:47	22:45			0	2	3	1	1	1	8	
Penrhyndeudraeth	PRH		8:47	22:45			0	2	3	1	1	1	8	
Llandecwyn	LLC		8:47	22:45			0	2	3	1	1	1	8	
Talsarnau	TAL		8:47	22:45			0	2	3	1	1	1	8	
Tygwyn	TYG		8:47	22:45			0	2	3	1	1	1	8	
Harlech	HRL		8:47	22:45			0	2	3	1	1	1	8	
Llandanwg	LDN		8:47	22:45			0	2	3	1	1	1	8	
Pensarn	PES		8:47	22:45			0	2	3	1	1	1	8	
Llanbedr	LBR		8:47	22:45			0	2	3	1	1	1	8	
Dyffryn Ardudwy	DYF		8:47	22:45			0	2	3	1	1	1	8	
Talybont	TLB		8:47	22:45			0	2	3	1	1	1	8	
Llanaber	LLA		8:47	22:45			0	2	3	1	1	1	8	
Barmouth	BRM		7:45	22:45			0	3	3	1	1	1	9	
Morfa Mawddach	MFA		7:45	22:45			0	3	3	1	1	1	9	
Fairbourne	FRB		7:45	22:45			0	3	3	1	1	1	9	
Llwyngwril	LLW		7:45	22:45			0	3	3	1	1	1	9	
Tonfanau	TNF		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	AVY		7:45	22:45			0	3	3	1	1	1	9	
Penhelig	PHG		7:45	22:45			0	3	3	1	1	1	9	
Aberystwyth	AYW		6:01	0:10			1	3	6	3	3	3	19	
Bow Street	BOW		6:01	0:10			1	3	6	3	3	3	19	
Borth	BRH		6:01	0:10			1	3	6	3	3	3	19	
Dovey Junction	DVY		6:01	0:10			1	6	9	4	4	4	28	
Machynlleth	MCN	*arr*					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	U
8	*155*	8 services from Pwllheli to Machynlleth shall have a journey time of no more than 155 minutes	*6*	*147*	Of which 6 services shall have a journey time of no more than 147 minutes
19	*43*	19 services from Aberystwyth to Machynlleth shall have a journey time of no more than 43 minutes	*16*	*40*	Of which 16 services shall have a journey time of no more than 40 minutes

End

Wales and Borders Rail and South Wales Metro
Weekdays TSR 2a December 2024 SX
Confidentiality: TBC
Version: Final
Date: 5/23/2018

North Wales Departures

Station			Early departure from MAN to Stn no later than	Late departure from MAN to Stn no earlier than	Early departure from LIV to Stn no later than	Late departure from LIV to Stn no earlier than	Minimum number of calls at station by W&B services departing MAN or LIV 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	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Manchester Airport	MIA						2	3	6	3	3	2	19	Based on arrival times at MAN Early arrival no later than 05:45 Late arrival no earlier than 21:50
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 Le Willows	NLW		5:50	23:14			2	3	6	4	3	2	20	
Earlestown	ERL		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	
Frodsham	FRD		5:50	23:14	6:43	22:15	3	6	12	7	6	3	37	
Helsby	HSB		5:50	23:14	6:43	22:15	3	6	12	7	6	3	37	
Chester	CTR		5:50	0:26	6:43	22:15	3	6	12	7	6	4	38	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
20	*40*	20 services from Manchester Piccadilly to Warrington Bank Quay shall have a journey time of no more than 40 minutes	*15*	*38*	Of which 15 services shall have a journey time of no more than 38 minutes
21	*68*	21 services from Manchester Piccadilly to Chester shall have a journey time of no more than 68 minutes	*20*	*66*	Of which 20 services shall have a journey time of no more than 66 minutes

Station			Early departure from CTR to Stn no later than	Late departure from CTR to Stn no earlier than	Early arrival at CTR from Stn no later than	Late arrival at CTR from Stn no earlier than	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
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Services between CRE and CTR specified below based on arrival time at CTR														
Crewe	CRE				7:17	0:35	0	4	7	3	5	4	23	*Based on arrival times at CTR*
Services below based on departure time from CTR														
Chester	CTR	*dep*					2	9	18	9	4	3	45	
Shotton	SHT		6:40	22:55			2	8	13	8	3	2	36	
Flint	FLN		6:40	0:40			2	8	18	9	4	3	44	
Prestatyn	PRT		6:40	0:40			2	8	18	9	3	3	43	
Rhyl	RHL		6:40	0:40			2	8	18	9	4	3	44	
Abergele & Pensarn	AGL		6:40	22:55			1	6	7	5	3	2	24	
Colwyn Bay	CWB		6:40	0:40			2	8	18	9	4	3	44	
Llandudno Junction	LLJ		6:40	0:40			2	9	18	9	4	3	45	*Conwy Valley services from BFF excluded. See table below for all LLJ to LLD departures.*
Deganwy	DGY		6:40	19:30			1	4	6	4	2	0	17	*Through services from CTR only*
Llandudno	LLD		6:40	19:30			1	4	6	4	2	0	17	*Through services from CTR only*
Conwy	CNW		6:59	22:55			1	4	8	5	1	2	21	
Penmaenmawr	PMW		6:59	22:55			1	4	8	5	1	2	21	
Llanfairfechan	LLF		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	
Llanfairpwll	LPG		7:26	22:04			0	2	5	2	1	1	11	
Bodorgan	BOR		7:26	22:04			0	2	5	2	1	1	11	
Ty Croes	TYC		7:26	22:04			0	2	5	2	1	1	11	
Rhosneigr	RHO		7:26	22:04			0	2	5	2	1	1	11	
Valley	VAL		7:26	22:04			0	2	5	2	1	1	11	
Holyhead	HHD		7:26	0:40			0	3	7	4	2	3	19	

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

Station			Early arrival at LLJ from Stn no later than	Late arrival at LLJ from Stn no earlier than	Early departure from LLJ to Stn no later than	Late departure from LLJ to Stn no earlier than	Minimum number of calls at station by W&B services from BFF to LLJ and LLJ to LLD arriving at / departing from LLJ during given timeband							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	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Blaenau Ffestiniog	BFF		7:22	21:20			0	2	2	1	1	0	6	
Roman Bridge	RMB		7:22	21:20			0	2	2	1	1	0	6	
Dolwyddelan	DWD		7:22	21:20			0	2	2	1	1	0	6	
Pont Y Pant	PYP		7:22	21:20			0	2	2	1	1	0	6	
Betws Y Coed	BYC		7:22	21:20			0	2	2	1	1	0	6	
Llanrwst	LWR		7:22	21:20			0	2	2	1	1	0	6	
North Llanwrst	NLR		7:22	21:20			0	2	2	1	1	0	6	
Dolgarrog	DLG		7:22	21:20			0	2	2	1	1	0	6	
Tal Y Cafn	TLC		7:22	21:20			0	2	2	1	1	0	6	
Glan Conwy	GCW		7:22	21:20			0	2	2	1	1	0	6	
Llandudno Junction	LLJ	*arr*	7:22	21:20			0	2	2	1	1	0	6	
Llandudno Junction	LLJ	*dep*			5:50	21:32	3	6	11	6	6	0	32	*All LLJ to LLD services*
Deganwy	DGY				5:50	21:32	3	6	11	6	6	0	32	*All LLJ to LLD services*
Llandudno	LLD				5:50	21:32	3	6	11	6	6	0	32	*All LLJ 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	*16*	32 services from Llandudno Junction to Llandudno shall have a journey time of no more than 16 minutes	*24*	*15*	Of which 24 services shall have a journey time of no more than 15 minutes

End

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North Wales Arrivals

Station			Early arrival at MAN from Stn no later than	Late arrival at MAN from Stn no earlier than	Early arrival at LIV from Stn no later than	Late arrival at LIV from Stn no earlier than	Minimum number of calls at station by W&B services arriving at MAN or LIV 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	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Chester	CTR		4:44	0:25	6:40	22:15	3	8	12	7	6	3	39	
Helsby	HSB		6:40	0:25	6:40	22:15	2	8	12	7	6	3	38	
Frodsham	FRD		6:40	0:25	6:40	22:15	2	8	12	7	6	3	38	
Runcorn	RUN				6:40	22:15	1	4	6	3	3	1	18	
Liverpool South Parkway	LPY				6:40	22:15	1	4	6	3	3	1	18	
Liverpool Lime Street	LIV						1	4	6	3	3	1	18	
Runcorn East	RUE		6:40	0:25			1	4	6	4	3	2	20	
Warrington Bank Quay	WBQ		6:40	0:25			1	4	6	4	3	2	20	
Earlestown	ERL		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	22:55			1	4	6	4	3	2	20	
Manchester Piccadilly	MAN						2	4	6	4	3	2	21	
Manchester Airport	MIA				4:45	20:55	2	3	6	3	3	1	18	*Based on departure times from MAN Early departure no later than 04:45 Late departure no earlier than 20:55*

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

Station			Early arrival at CTR from Stn no later than	Late arrival at CTR from Stn no earlier than	Early departure from CTR to Stn no later than	Late departure from CTR to Stn no earlier than	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
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Holyhead	HHD		6:09	22:19			1	4	7	3	3	1	19	
Valley	VAL		6:09	21:11			1	3	5	1	3	0	13	
Rhosneigr	RHO		8:21	21:11			0	2	4	1	3	0	10	
Ty Croes	TYC		8:21	21:11			0	2	4	1	3	0	10	
Bodorgan	BOR		8:21	21:11			0	2	4	1	3	0	10	
Llanfairpwll	LPG		6:09	21:11			1	3	5	1	3	0	13	
Bangor Gwynedd	BNG		6:09	22:19			1	6	12	6	5	1	31	
Llanfairfechan	LLF		7:03	22:19			0	4	9	5	5	1	24	
Penmaenmawr	PMW		7:03	22:19			0	4	9	5	5	1	24	
Conwy	CNW		7:03	22:19			0	4	9	5	5	1	24	
Llandudno	*LLD*		7:55	22:55			0	5	6	3	3	2	19	*Through services towards CTR only*
Deganwy	*DGY*		7:55	22:55			0	5	6	3	3	2	19	*Through services towards CTR only*
Llandudno Junction	LLJ		5:35	22:55			3	11	18	9	8	2	51	*Conwy valley services to BFF exluded. See table below for all LLD-LLJ arrivals.*
Colwyn Bay	CWB		5:35	22:55			3	11	18	8	8	2	50	
Abergele & Pensarn	AGL		5:35	22:55			1	5	6	3	3	2	20	
Rhyl	RHL		5:35	22:55			3	11	18	8	8	2	50	
Prestatyn	PRT		5:35	22:55			3	9	18	8	8	2	48	
Flint	FLN		5:35	22:55			3	10	18	8	8	2	49	
Shotton	SHT		5:35	22:55			2	7	13	6	6	2	36	
Chester	CTR	*arr*					3	11	18	9	8	2	51	
Services between CTR and CRE specified below based on departure time from CTR														
Crewe	CRE				4:22	23:01	5	4	6	3	4	2	24	*Based on departure times at CTR*

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
19	*121*	19 services from Holyhead to Chester shall have a journey time of no more than 121 minutes	*15*	*113*	Of which 15 services shall have a journey time of no more than 113 minutes
31	*83*	31 services from Bangor Gwynedd to Chester shall have a journey time of no more than 83 minutes	*24*	*76*	Of which 24 services shall have a journey time of no more than 76 minutes
19	*73*	19 services from Llandudno to Chester shall have a journey time of no more than 73 minutes	*15*	*66*	Of which 15 services shall have a journey time of no more than 66 minutes
51	*61*	51 services from Llandudno Junction to Chester shall have a journey time of no more than 61 minutes	*44*	*56*	Of which 44 services shall have a journey time of no more than 56 minutes
24	*26*	24 services from Crewe to Chester shall have a journey time of no more than 26 minutes	*22*	*25*	Of which 22 services shall have a journey time of no more than 25 minutes

Station			Early arrival at LLJ from Stn no later than	Late arrival at LLJ from Stn no earlier than	Early departure from LLJ to Stn no later than	Late departure from LLJ to Stn no earlier than	Minimum number of calls at station by W&B services from LLD to LLJ and LLJ to BFF arriving at /departing from LLJ during given timeband							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	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Llandudno	LLD		6:04	21:55			3	6	11	5	6	0	31	*All LLD to LLJ services*
Deganwy	DGY		6:04	21:55			3	6	11	5	6	0	31	*All LLD to LLJ services*
Llandudno Junction	LLJ	*arr*					3	6	11	5	6	0	31	*All LLD to LLJ services*
Llandudno Junction	LLJ	*dep*					1	1	2	1	1	0	6	
Glan Conwy	GCW				7:26	19:20	0	1	2	1	1	0	5	
Tal Y Cafn	TLC				5:30	19:20	1	1	2	1	1	0	6	
Dolgarrog	DLG				7:26	19:20	0	1	2	1	1	0	5	
North Llanwrst	NLR				7:26	19:20	0	1	2	1	1	0	5	
Llanrwst	LWR				5:30	19:20	1	1	2	1	1	0	6	
Betws Y Coed	BYC				5:30	19:20	1	1	2	1	1	0	6	
Pont Y Pant	PYP				7:26	19:20	0	1	2	1	1	0	5	
Dolwyddelan	DWD				7:26	19:20	0	1	2	1	1	0	5	
Roman Bridge	RMB				7:26	19:20	0	1	2	1	1	0	5	
Blaenau Ffestiniog	BFF				5:30	19:20	1	1	2	1	1	0	6	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
31	*15*	31 services from Llandudno to Llandudno Junction shall have a journey time of no more than 15 minutes	*25*	*13*	Of which 25 services shall have a journey time of no more than 13 minutes
6	*65*	6 services from Llandudno Junction to Blaenau Ffestiniog shall have a journey time of no more than 65 minutes	*5*	*64*	Of which 5 services shall have a journey time of no more than 64 minutes

End