

Train Service Requirements

Wales and Borders Rail Service and South Wales Metro Sundays TSR 2 December 2023 SU

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 Sunday 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

The key stations used are:

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

Compliance and Flexibility

Services are allocated to a time band based on the exact time to the nearest full minute using "Public Times" that the service arrives or departs the key station as specified in each individual table. Services may be deemed compliant if within the specified time band or within 10 minutes earlier or later than the specified time band.

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

Bank Holidays

On Bank Holidays a weekday service shall operate on all routes

On Christmas Day there is no requirement to run a service

On Boxing Day there is no requirement to run a service

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

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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 Sundays between 10.00 and 18.00 to be covered between Birmingham International and Shrewsbury

1 service to be additionally covered between Shrewsbury and Chester

1 service to be additionally covered between Chester and Llandudno Junction

North Wales - Birmingham

Scheduled departures on Sundays between 11.00 and 16.00 to be covered between Shrewsbury and Birmingham International

1 service to be additionally covered between Chester and Shrewsbury

Birmingham - Aberystwyth

Scheduled departures on Sundays between 09.00 and 18.00 to be covered Birmingham International to Aberystwyth.

Aberystwyth - Birmingham

Scheduled departures on Sundays between 09.00 and 18.00 to be covered Aberystwyth to Birmingham International

Aberystwyth - Shrewsbury

Scheduled departures on Sundays between 12.00 and 19.00 a to be covered between Aberystwyth and Shrewsbury

Shrewsbury - Aberystwyth

Scheduled departures on Sundays between 12.00 and 19.00 to be covered between Shrewsbury and Aberystwyth

North Wales- Manchester

Scheduled departures on Sundays between 09.00 and 18.00 to be covered throughout

Manchester - North Wales

Scheduled departures on Sundays between 10.00 and 18.00 to be covered throughout

North Wales - Cardiff

Scheduled departures on Sundays between 10:00 and 18:00 to be covered throughout

Cardiff - North Wales

Scheduled departures on Sundays between 10:00 and 18:00 to be covered throughout

Cardiff - Manchester

Scheduled departures on Sundays between 10.00 and 18.00 to be covered from Cardiff Central to Manchester

Manchester- Cardiff

Scheduled departures on Sundays between 10.00 and 18.00 to be covered from Manchester to Cardiff Central

Carmarthen - Swansea

Scheduled departures on Sundays between 10.00 and 18.00 to be covered for services which originated from Shrewsbury or beyond.

Swansea - Carmarthen

Scheduled departures on Sundays between 10.00 and 18.00 to be covered for services which run to Shrewsbury or beyond.

Cardiff - Swansea

Scheduled departures on Sundays between 10.00 and 18.00 to be covered for services which originated from Shrewsbury or beyond.

Swansea - Cardiff

Scheduled departures on Sundays between 10.00 and 18.00 to be covered for services which run to Shrewsbury or beyond.

Milford Haven - Carmarthen

1 service per day to be covered Sundays

Carmarthen - Milford Haven

1 service per day to be covered Sundays

Carmarthen - Fishguard Harbour

No specific requirements

Fishguard Harbour - Carmarthen

No specific requirements

Heart of Wales

No specific requirements

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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 - Swansea

A minimum of 11 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 11 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 2 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 2 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 2 services northbound and 2 southbound shall also extend to/from Holyhead, calling, as a minimum, at Bangor.

Swansea Extensions

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

Birmingham - North Wales

A minimum of 1 direct service per day shall be provided northbound between Birmingham International and Holyhead. Services will at a minimum, call at Birmingham New Street, Wrexham, Chester, Llandudno Junction and Bangor.

A minimum of 1 direct service per day shall be provided southbound between Holyhead and Birmingham International. As a minimum this service will call at Birmingham New Street, Chester, Wrexham Llandudno Junction and Bangor.

Cambrian Line

A minimum of 8 direct services per day shall be provided eastbound between Aberystwyth and Shrewsbury. As a minimum, these services shall call at Machynlleth.

A minimum of 8 direct services per day shall be provided westbound between Shrewsbury and Aberystwyth. As a minimum, these services shall call at Machynlleth. The first service may be provided by a Bus.

At least 6 services westbound and 6 eastbound shall also extend from/to Birmingham New Street, calling, as a minimum, at Wolverhampton.

Of the 6 Birmingham New Street services, at least 6 services westbound and 6 eastbound shall also extend from/to Birmingham International.

A minimum of 1 direct service westbound and 1 direct service eastbound shall be provided per day between Pwllheli and Birmingham New Street.

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

Manchester – North Wales

A minimum of 1 direct service per day shall be provided eastbound between Holyhead and Manchester Piccadilly. As a minimum these services will call at Bangor, Llandudno Junction, Chester, Warrington Bank Quay and Manchester Oxford Road.

A minimum of 1 direct service per day shall be provided westbound between Manchester Piccadilly and Holyhead. As a minimum these services will call at Bangor, Llandudno Junction, Chester, Warrington Bank Quay and Manchester Oxford Road.

West Wales – Carmarthen – Swansea - Cardiff Central

A minimum of 9 direct services westbound shall be provided per day between Swansea and stations west of Carmarthen. Of these services:

2 shall run to Pembroke Dock, calling, as a minimum, at Tenby;

5 shall run to Milford Haven; and

2 shall run to Fishguard Harbour.

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 Swansea and Fishguard Harbour providing a connection with the nighttime ferry to Rosslare Harbour.

A minimum of 8 direct services eastbound shall be provided per day between stations west of Carmarthen and Swansea. Of these services:

3 shall run from Pembroke Dock, calling, as a minimum, at Tenby; and

4 shall run from Milford Haven.

1 shall run from Fishguard Harbour

A direct service shall be provided between Fishguard Harbour and Cardiff 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	12	172	12 services from Cardiff Central to Crewe shall have a journey time of no more than 172 minutes	9	165	Of which 9 services shall have a journey time of no more than 165 minutes
Cardiff Central	Manchester Piccadilly	11	217	11 services from Cardiff Central to Manchester Piccadilly shall have a journey time of no more than 217 minutes	9	204	Of which 9 services shall have a journey time of no more than 204 minutes
Manchester Piccadilly	Cardiff Central	12	221	12 services from Manchester Piccadilly to Cardiff Central shall have a journey time of no more than 221 minutes	9	202	Of which 9 services shall have a journey time of no more than 202 minutes
Crewe	Cardiff Central	12	175	12 services from Crewe to Cardiff Central shall have a journey time of no more than 175 minutes	9	161	Of which 9 services shall have a journey time of no more than 161 minutes
Cardiff Central	Wrexham	3	177	3 services from Cardiff Central to Wrexham shall have a journey time of no more than 177 minutes	3	177	Of which 3 services shall have a journey time of no more than 177 minutes
Cardiff Central	Chester	4	195	4 services from Cardiff Central to Chester shall have a journey time of no more than 195 minutes	3	194	Of which 3 services shall have a journey time of no more than 194 minutes
Cardiff Central	Llandudno Junction	2	243	2 services from Cardiff Central to Llandudno Junction shall have a journey time of no more than 243 minutes	2	243	Of which 2 services shall have a journey time of no more than 243 minutes
Cardiff Central	Bangor	2	266	2 services from Cardiff Central to Bangor shall have a journey time of no more than 266 minutes	2	266	Of which 2 services shall have a journey time of no more than 266 minutes
Cardiff Central	Holyhead	2	300	2 services from Cardiff Central to Holyhead shall have a journey time of no more than 300 minutes	2	300	Of which 2 services shall have a journey time of no more than 300 minutes
Holyhead	Cardiff Central	2	305	2 services from Holyhead to Cardiff Central shall have a journey time of no more than 305 minutes	2	305	Of which 2 services shall have a journey time of no more than 305 minutes
Bangor	Cardiff Central	2	270	2 services from Bangor to Cardiff Central shall have a journey time of no more than 270 minutes	2	270	Of which 2 services shall have a journey time of no more than 270 minutes
Llandudno Junction	Cardiff Central	2	249	2 services from Llandudno Junction to Cardiff Central shall have a journey time of no more than 249 minutes	2	249	Of which 2 services shall have a journey time of no more than 249 minutes
Chester	Cardiff Central	3	199	3 services from Chester to Cardiff Central shall have a journey time of no more than 199 minutes	3	199	Of which 3 services shall have a journey time of no more than 199 minutes
Wrexham	Cardiff Central	3	182	3 services from Wrexham to Cardiff Central shall have a journey time of no more than 182 minutes	3	182	Of which 3 services shall have a journey time of no more than 182 minutes
Swansea	Shrewsbury	11	189	11 services from Swansea to Shrewsbury shall have a journey time of no more than 189 minutes	10	180	Of which 10 services shall have a journey time of no more than 180 minutes
Swansea	Crewe	10	224	10 services from Swansea to Crewe shall have a journey time of no more than 224 minutes	8	216	Of which 8 services shall have a journey time of no more than 216 minutes
Swansea	Manchester Piccadilly	10	269	10 services from Swansea to Manchester Piccadilly shall have a journey time of no more than 269 minutes	8	260	Of which 8 services shall have a journey time of no more than 260 minutes
Manchester Piccadilly	Swansea	11	262	11 services from Manchester Piccadilly to Swansea shall have a journey time of no more than 262 minutes	10	258	Of which 10 services shall have a journey time of no more than 258 minutes
Crewe	Swansea	11	219	11 services from Crewe to Swansea shall have a journey time of no more than 219 minutes	9	216	Of which 9 services shall have a journey time of no more than 216 minutes
Shrewsbury	Swansea	11	184	11 services from Shrewsbury to Swansea shall have a journey time of no more than 184 minutes	9	179	Of which 9 services shall have a journey time of no more than 179 minutes
Birmingham New Street	Wrexham	5	107	5 services from Birmingham New Street to Wrexham shall have a journey time of no more than 107 minutes	4	101	Of which 4 services shall have a journey time of no more than 101 minutes
Birmingham New Street	Chester	7	128	7 services from Birmingham New Street to Chester shall have a journey time of no more than 128 minutes	6	126	Of which 6 services shall have a journey time of no more than 126 minutes
Birmingham New Street	Llandudno Junction	1	186	1 services from Birmingham New Street to Llandudno Junction shall have a journey time of no more than 186 minutes	1	186	Of which 1 services shall have a journey time of no more than 186 minutes
Birmingham New Street	Bangor	1	206	1 services from Birmingham New Street to Bangor shall have a journey time of no more than 206 minutes	1	206	Of which 1 services shall have a journey time of no more than 206 minutes
Birmingham New Street	Holyhead	1	237	1 services from Birmingham New Street to Holyhead shall have a journey time of no more than 237 minutes	1	237	Of which 1 services shall have a journey time of no more than 237 minutes
Holyhead	Birmingham New Street	1	216	1 services from Holyhead to Birmingham New Street shall have a journey time of no more than 216 minutes	1	216	Of which 1 services shall have a journey time of no more than 216 minutes
Bangor	Birmingham New Street	1	181	1 services from Bangor to Birmingham New Street shall have a journey time of no more than 181 minutes	1	181	Of which 1 services shall have a journey time of no more than 181 minutes
Llandudno Junction	Birmingham New Street	1	163	1 services from Llandudno Junction to Birmingham New Street shall have a journey time of no more than 163 minutes	1	163	Of which 1 services shall have a journey time of no more than 163 minutes
Chester	Birmingham New Street	7	128	7 services from Chester to Birmingham New Street shall have a journey time of no more than 128 minutes	6	117	Of which 6 services shall have a journey time of no more than 117 minutes
Wrexham	Birmingham New Street	7	111	7 services from Wrexham to Birmingham New Street shall have a journey time of no more than 111 minutes	6	103	Of which 6 services shall have a journey time of no more than 103 minutes
Blaenau Ffestiniog	Llandudno	5	90	5 services from Blaenau Ffestiniog to Llandudno shall have a journey time of no more than 90 minutes	4	87	Of which 4 services shall have a journey time of no more than 87 minutes
Llandudno	Blaenau Ffestiniog	4	87	4 services from Llandudno to Blaenau Ffestiniog shall have a journey time of no more than 87 minutes	3	85	Of which 3 services shall have a journey time of no more than 85 minutes
Aberystwyth	Shrewsbury	11	110	11 services from Aberystwyth to Shrewsbury shall have a journey time of no more than 110 minutes	10	108	Of which 10 services shall have a journey time of no more than 108 minutes
Aberystwyth	Birmingham New Street	6	189	6 services from Aberystwyth to Birmingham New Street shall have a journey time of no more than 189 minutes	5	184	Of which 5 services shall have a journey time of no more than 184 minutes
Birmingham New Street	Aberystwyth	6	198	6 services from Birmingham New Street to Aberystwyth shall have a journey time of no more than 198 minutes	5	185	Of which 5 services shall have a journey time of no more than 185 minutes
Shrewsbury	Aberystwyth	11	117	11 services from Shrewsbury to Aberystwyth shall have a journey time of no more than 117 minutes	9	114	Of which 9 services shall have a journey time of no more than 114 minutes
Pwelli	Shrewsbury	3	225	3 services from to shall have a journey time of no more than 225 minutes	2	224	Of which 2 services shall have a journey time of no more than 224 minutes
Pwelli	Birmingham New Street	3	297	3 services from to shall have a journey time of no more than 297 minutes	2	296	Of which 2 services shall have a journey time of no more than 296 minutes
Birmingham New Street	Pwelli	3	298	3 services from to shall have a journey time of no more than 298 minutes	2	295	Of which 2 services shall have a journey time of no more than 295 minutes
Shrewsbury	Pwelli	3	235	3 services from to shall have a journey time of no more than 235 minutes	2	231	Of which 2 services shall have a journey time of no more than 231 minutes
Manchester Piccadilly	Chester	17	127	17 services from Manchester Piccadilly to Chester shall have a journey time of no more than 127 minutes	13	64	Of which 13 services shall have a journey time of no more than 64 minutes
Manchester Piccadilly	Llandudno Junction	5	117	5 services from Manchester Piccadilly to Llandudno Junction shall have a journey time of no more than 117 minutes	5	117	Of which 5 services shall have a journey time of no more than 117 minutes
Llandudno Junction	Manchester Piccadilly	8	116	8 services from Llandudno Junction to Manchester Piccadilly shall have a journey time of no more than 116 minutes	8	116	Of which 8 services shall have a journey time of no more than 116 minutes
Chester	Manchester Piccadilly	16	59	16 services from Chester to Manchester Piccadilly shall have a journey time of no more than 59 minutes	14	58	Of which 14 services shall have a journey time of no more than 58 minutes
Fishguard Harbour	Swansea	1	98	1 services from Fishguard Harbour to Swansea shall have a journey time of no more than 98 minutes	1	98	Of which 1 services shall have a journey time of no more than 98 minutes
Milford Haven	Swansea	4	108	4 services from Milford Haven to Swansea shall have a journey time of no more than 108 minutes	4	108	Of which 4 services shall have a journey time of no more than 108 minutes
Pembroke Dock	Swansea	3	139	3 services from Pembroke Dock to Swansea shall have a journey time of no more than 139 minutes	3	139	Of which 3 services shall have a journey time of no more than 139 minutes
Swansea	Fishguard Harbour	3	108	3 services from Swansea to Fishguard Harbour shall have a journey time of no more than 108 minutes	3	108	Of which 3 services shall have a journey time of no more than 108 minutes
Swansea	Milford Haven	5	124	5 services from Swansea to Milford Haven shall have a journey time of no more than 124 minutes	4	118	Of which 4 services shall have a journey time of no more than 118 minutes
Swansea	Pembroke Dock	3	136	3 services from Swansea to Pembroke Dock shall have a journey time of no more than 136 minutes	3	136	Of which 3 services shall have a journey time of no more than 136 minutes
Fishguard Harbour	Cardiff Central	2	157	2 services from Fishguard Harbour to Cardiff Central shall have a journey time of no more than 157 minutes	2	157	Of which 2 services shall have a journey time of no more than 157 minutes
Milford Haven	Cardiff Central	4	173	4 services from Milford Haven to Cardiff Central shall have a journey time of no more than 173 minutes	3	172	Of which 3 services shall have a journey time of no more than 172 minutes
Cardiff Central	Milford Haven	6	210	6 services from Cardiff Central to Milford Haven shall have a journey time of no more than 210 minutes	5	201	Of which 5 services shall have a journey time of no more than 201 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							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations	
	A	B	C	D			E	H	I	J	K	L	M			N
	0659	0700 - 0959	1000 - 1559	1600 - 1859			1900 - 2159	2200 - 0159								
Cardiff Central	CDF			7:35	20:15			0	5	12	6	7	2	32	The first service 0700-0959 may run Summer only	
Pontyclun	PYC			7:35	20:15			0	4	7	3	2	0	16		
Llanharan	LLR			7:35	20:15			0	4	7	3	2	0	16		
Pencoed	PCD			7:35	20:15			0	4	7	3	2	0	16		
Bridgend	BGN			7:20	22:30			0	5	12	6	7	2	32	Excludes services via RIA. The first service 0700-0959 may run Summer only.	
Wildmill	WMI			7:35	20:15			0	3	6	3	2	0	14		
Sarn	SRR			7:35	20:15			0	3	6	3	2	0	14		
Tondu	TDU			7:35	20:15			0	3	6	3	2	0	14		
Garth Mid Glam	GMG			7:35	20:15			0	3	6	3	2	0	14		
Maesteg Eweny Rd	MEW			7:35	20:15			0	3	6	3	2	0	14		
Maesteg	MST			7:35	20:15			0	3	6	3	2	0	14		
Pyle	PYL			9:58	22:30			0	1	5	3	5	1	15		
Port Talbot Parkway	PTA			7:20	22:30			0	2	6	3	5	2	18	The first service 0700-0959 may run Summer only	
Baglan	BAJ			-	-			0	0	0	0	0	0	0		
Briton Ferry	BNF			-	-			0	0	0	0	0	0	0		
Neath	NTH			7:20	22:30			0	2	5	3	5	2	17	The first service 0700-0959 may run Summer only	
Skewen	SKE			-	-			0	0	0	0	0	0	0		
Llansamlet	LAS			-	-			0	0	0	0	0	0	0		
Swansea	SWA			7:20	22:30			0	2	5	3	5	2	17	The first service 0700-0959 may run Summer only	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
32	29	32 services from Cardiff Central to Bridgend shall have a journey time of no more than 29 minutes	27	27	Of which 27 services shall have a journey time of no more than 27 minutes
14	50	14 services from Cardiff Central to Maesteg shall have a journey time of no more than 50 minutes	11	48	Of which 11 services shall have a journey time of no more than 48 minutes
17	64	17 services from Cardiff Central to Swansea shall have a journey time of no more than 64 minutes	13	61	Of which 13 services shall have a journey time of no more than 61 minutes

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Cardiff West Arrivals

Station	A	B	C	Early arrival at CDF from Stn no later than	Late arrival at CDF from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1400 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Swansea	SWA			9:59	0:30			0	1	5	4	2	2	14	The first service 1000-1559 may run Summer only	
Llansamlet	LAS			:	-			0	0	0	0	0	0	0		
Skewen	SKE			:	-			0	0	0	0	0	0	0		
Neath	NTH			9:59	0:30			0	1	5	4	2	2	14	The first service 1000-1559 may run Summer only	
Briton Ferry	BNF			:	-			0	0	0	0	0	0	0		
Baglan	BAJ			:	-			0	0	0	0	0	0	0		
Port Talbot Parkway	PTA			9:59	0:30			0	1	5	4	2	2	14	The first service 1000-1559 may run Summer only	
Pyle	PYL			9:59	0:30			0	1	5	4	1	2	13	The first service 1000-1559 may run Summer only	
Maesteg	MST			9:01	22:01			0	1	6	3	3	1	14		
Maesteg Eweny Rd	MEW			9:01	22:01			0	1	6	3	3	1	14		
Garth Mid Glam	GMG			9:01	22:01			0	1	6	3	3	1	14		
Tondu	TDU			9:01	22:01			0	1	6	3	3	1	14		
Sarn	SRR			9:01	22:01			0	1	6	3	3	1	14		
Wildmill	WMI			9:01	22:01			0	1	6	3	3	1	14		
Bridgend	BGN			9:01	0:30			0	2	11	7	5	3	28	Excludes services via RIA. The first service 1000-1559 may run Summer only.	
Pencoed	PCD			9:01	22:01			0	1	6	3	3	1	14		
Llanharan	LLR			9:01	22:01			0	1	6	3	3	1	14		
Pontyclun	PYC			9:01	22:01			0	1	6	3	3	1	14		
Cardiff Central	CDF							0	2	11	7	5	3	28		

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
14	66	14 services from Swansea to Cardiff Central shall have a journey time of no more than 66 minutes	11	57	Of which 11 services shall have a journey time of no more than 57 minutes
14	50	14 services from Maesteg to Cardiff Central shall have a journey time of no more than 50 minutes	14	50	Of which 14 services shall have a journey time of no more than 50 minutes
28	30	28 services from Bridgend to Cardiff Central shall have a journey time of no more than 30 minutes	28	30	Of which 28 services shall have a journey time of no more than 30 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2 December 2023 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Cardiff South Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Cardiff Central	CDF	dep						0	8	27	14	13	3	65	
Ninian Park	NNP			9:00	22:00			0	2	6	3	3	1	15	
Waungron Park	WNG			9:00	22:00			0	2	6	3	3	1	15	
Fairwater	FRW			9:00	22:00			0	2	6	3	3	1	15	
Danescourt	DCT			9:00	22:00			0	2	6	3	3	1	15	
Radyr	RDR			9:00	22:00			0	2	6	3	3	1	15	Stopping services on City Line via FRW only
Grange town (Cardiff)	GTN			8:25	22:34			0	6	21	11	10	2	50	
Dingle Road	DGL			9:15	20:51			0	1	6	3	3	0	13	
Penarth	PEN			9:15	20:51			0	1	6	3	3	0	13	
Cogan	CGN			8:25	22:34			0	5	15	8	7	2	37	
Eastbrook	EBK			8:25	22:34			0	5	15	8	7	2	37	
Dinas Powys	DNS			8:25	22:34			0	5	15	8	7	2	37	
Cadoxton	CAD			8:25	22:34			0	5	15	8	7	2	37	
Barry Docks	BYD			8:25	22:34			0	5	15	8	7	2	37	
Barry	BRY			8:25	22:34			0	5	15	8	7	2	37	
Barry Island	BYI			8:25	22:34			0	4	12	6	6	2	30	
Rhose Cardiff International A/RIA				8:40	20:40			0	1	3	2	1	0	7	
Llantwit Major	LWM			8:40	20:40			0	1	3	2	1	0	7	
Bridgend	BGN	arr		8:40	20:40			0	1	3	2	1	0	7	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
15	15	15 services from Cardiff Central to Radyr shall have a journey time of no more than 15 minutes	15	15	Of which 15 services shall have a journey time of no more than 15 minutes
13	13	13 services from Cardiff Central to Penarth shall have a journey time of no more than 13 minutes	13	13	Of which 13 services shall have a journey time of no more than 13 minutes
30	31	30 services from Cardiff Central to Barry Island shall have a journey time of no more than 31 minutes	30	31	Of which 30 services shall have a journey time of no more than 31 minutes
7	61	7 services from Cardiff Central to Bridgend shall have a journey time of no more than 61 minutes	7	61	Of which 7 services shall have a journey time of no more than 61 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2 December 2023 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Cardiff South Arrivals

Station	A	B	C	Early arrival at CDF from Stn no later than	Late arrival at CDF from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Bridgend	BGN			10:40	22:40			0	0	3	2	1	1	7	Services via RIA only
Llantwit Major	LWM			10:40	22:40			0	0	3	2	1	1	7	
Rhose Cardiff International	RIA			10:40	22:40			0	0	3	2	1	1	7	
Barry Island	BYI			9:11	23:25			0	2	12	6	6	4	30	
Barry	BRY			9:11	23:25			0	2	15	8	7	5	37	
Barry Docks	BYD			9:11	23:25			0	2	15	8	7	5	37	
Cadoxton	CAD			9:11	23:25			0	2	15	8	7	5	37	
Dinas Powys	DNS			9:11	23:25			0	2	15	8	7	5	37	
Eastbrook	EBK			9:11	23:25			0	2	15	8	7	5	37	
Cogan	CGN			9:11	23:25			0	2	15	8	7	5	37	
Penarth	PEN			9:45	21:31			0	1	6	3	3	0	13	
Dingle Road	DGL			9:45	21:31			0	1	6	3	3	0	13	
Grange town (Cardiff)	GTN			9:11	23:25			0	3	21	11	10	5	50	
Radyr	RDR			9:00	22:40			0	2	6	3	3	1	15	Stopping services on City Line via FRW only
Danescourt	DCT			9:00	22:40			0	2	6	3	3	1	15	
Fairwater	FRW			9:00	22:40			0	2	6	3	3	1	15	
Waungron Park	WNG			9:00	22:40			0	2	6	3	3	1	15	
Ninian Park	NNP			9:00	22:40			0	2	6	3	3	1	15	
Cardiff Central	CDF							0	5	27	14	13	6	65	

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
7	61	7 services from Bridgend to Cardiff Central shall have a journey time of no more than 61 minutes	7	61
30	34	30 services from Barry Island to Cardiff Central shall have a journey time of no more than 34 minutes	30	34
13	18	13 services from Penarth to Cardiff Central shall have a journey time of no more than 18 minutes	13	18
15	17	15 services from Radyr to Cardiff Central shall have a journey time of no more than 17 minutes	15	17

End

Wales and Borders Rail and South Wales Metro

Sundays ESR 2 December 2023 SJ
 Confidentiality: TBC
 Version: Final
 Date: 12/12/2018

Cardiff North Departures

Station	Early departure from CDF to SSW no later than		Late departure 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 during given timeband unless otherwise stated											Notes on additional requirements for number of calls at Station and direct links to other stations
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O					
	0600-0659	0700-0759	0800-0859	0900-0959	1000-1059	1100-1159	1200-1259	1300-1359	1400-1459	1500-1559	1600-1659	1700-1759	1800-1859	1900-1959	2000-2059	Total Day				
Cardiff Central	CDF								0	10	36	18	18	5	87					
Cardiff Bay	CDB					9:00	22:00		0	6	30	15	15	1	67	Services departing CDB to CDQ				
Cardiff Queen St	CDQ	8:01	22:41						0	10	36	18	18	5	87	Excludes arrivals from/departures to CDB				
Heath Low Level	HLL	9:30	22:24						0	1	6	3	3	1	14					
Ty Glas	TGS	9:30	22:24						0	1	6	3	3	1	14					
Bridgford	BGS	9:30	22:24						0	1	6	3	3	1	14					
Ribblesda	RHD	9:30	22:24						0	1	6	3	3	1	14					
Whitchurch (Cardiff)	WHT	9:30	22:24						0	1	6	3	3	1	14					
Coryton	COY	9:30	22:24						0	1	6	3	3	1	14					
Heath High Level	HHL	9:05	22:00						0	1	6	3	3	1	14					
Llanishan	LIS	9:05	22:00						0	1	6	3	3	1	14					
Islewyn and Thornhill	LYT	9:05	22:00						0	1	6	3	3	1	14					
Caerphilly	CPH	9:05	22:00						0	1	6	3	3	1	14					
Abert	ABE	9:05	22:00						0	1	6	3	3	1	14					
Energy & C.R.	ECP	9:05	22:00						0	1	6	3	3	1	14					
Llantrisant	LNS	9:05	22:00						0	1	6	3	3	1	14					
Tydfard	TYD	9:05	22:00						0	1	6	3	3	1	14					
Hengoed	HNG	9:05	22:00						0	1	6	3	3	1	14					
Pengam	PGH	9:05	22:00						0	1	6	3	3	1	14					
Gleish Ffordd	GFF															Station Closed. Active travel measures implemented. Reference CQ 355				
Burgod	BGD	9:05	22:00						0	1	6	3	3	1	14					
Beulah	BHD	9:05	22:00						0	1	6	3	3	1	14					
Tydfard	TDF	9:05	22:00						0	1	6	3	3	1	14					
Pontsgwyn	PLT	9:05	22:00						0	1	6	3	3	1	14					
Rhymney	RHT	9:05	22:00						0	1	6	3	3	1	14					
Cardiff	CYS	8:01	22:30						0	7	18	9	9	3	46					
Llanidloes	LID	8:01	22:30						0	7	18	9	9	3	46					
Radyr	RDR	8:01	22:30						0	7	18	9	9	3	46	Excludes stopping services on City Line via FRW				
Taff Well	TAF	8:01	22:30						0	7	18	9	9	3	46					
Trehafod	TRE	8:01	22:30						0	7	18	9	9	3	46					
Treforest	TRF	8:01	22:30						0	7	18	9	9	3	46					
Pontypridd	PPD	8:01	22:30						0	7	18	9	9	3	46					
Trehafod	TRH	8:32	22:05						0	2	6	3	3	1	15					
Porth	POR	8:32	22:05						0	2	6	3	3	1	15					
Dinas Mill Glam	DNG	8:32	22:05						0	2	6	3	3	1	15					
Tongwynd	TNP	8:32	22:05						0	2	6	3	3	1	15					
Llanymyrmir	LLY	8:32	22:05						0	2	6	3	3	1	15					
Ystrad Rhondda	YRH	8:32	22:05						0	2	6	3	3	1	15					
Ton Pweryl	TPN	8:32	22:05						0	2	6	3	3	1	15					
Trawsfynydd	TRV	8:32	22:05						0	2	6	3	3	1	15					
Ystradgynaf	YGY	8:32	22:05						0	2	6	3	3	1	15					
Trehafod	TRB	8:32	22:05						0	2	6	3	3	1	15					
Aberystwyth	ACT	8:01	22:11						0	5	12	6	6	2	37					
Rhynfelen	RFL	8:32	22:00						0	2	6	3	3	1	15					
Mountain Ash	MTA	8:32	22:00						0	2	6	3	3	1	15					
Fenni	FER	8:32	22:00						0	2	6	3	3	1	15					
Cwmboi	CPH	8:32	22:00						0	2	6	3	3	1	15					
Aberdare	ABA	8:32	22:00						0	2	6	3	3	1	15					
Quakers Yard	QYO	8:01	22:11						0	3	6	3	3	1	16					
Mardy Vale	MEV	8:01	22:11						0	3	6	3	3	1	16					
Tweed T. Rhondda	TRD	8:01	22:11						0	3	6	3	3	1	16					
Pennarth	PTB	8:01	22:11						0	3	6	3	3	1	16					
Mardy Tydfil	MER	8:01	22:11						0	3	6	3	3	1	16					

End

Journey times										
Number of services	Public journey time (mins)	Notes	Number of services	Public journey time (mins)						
					P	Q	R	S	T	U
87	4	87 services from Cardiff Central to Cardiff Queen St shall have a journey time of no more than 4 minutes	87	4	Of which 87 services shall have a journey time of no more than 4 minutes					
14	18	14 services from Cardiff Central to Coryton shall have a journey time of no more than 18 minutes	14	18	Of which 14 services shall have a journey time of no more than 18 minutes					
14	18	14 services from Cardiff Central to Caerphilly shall have a journey time of no more than 18 minutes	14	18	Of which 14 services shall have a journey time of no more than 18 minutes					
14	37	14 services from Cardiff Central to Burgod shall have a journey time of no more than 37 minutes	14	37	Of which 14 services shall have a journey time of no more than 37 minutes					
14	50	14 services from Cardiff Central to Rhymney shall have a journey time of no more than 50 minutes	14	50	Of which 14 services shall have a journey time of no more than 50 minutes					
46	28	46 services from Cardiff Central to Pontypridd shall have a journey time of no more than 28 minutes	46	28	Of which 46 services shall have a journey time of no more than 28 minutes					
15	52	15 services from Cardiff Central to Trehafod shall have a journey time of no more than 52 minutes	15	52	Of which 15 services shall have a journey time of no more than 52 minutes					
15	50	15 services from Cardiff Central to Aberdare shall have a journey time of no more than 50 minutes	15	50	Of which 15 services shall have a journey time of no more than 50 minutes					
16	50	16 services from Cardiff Central to Mardy Tydfil shall have a journey time of no more than 50 minutes	16	50	Of which 16 services shall have a journey time of no more than 50 minutes					

Wales and Borders Rail and South Wales Metro

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Cardiff North Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0630-0659	0700-0759	1000-1059	1600-1659	1900-1959	2200-2359	Total	
								H	I	J	K	L	M	N	
Merthyr Tydfil	MER	8:18	22:00					0	2	6	3	3	1	15	
Parre bach	PTB	8:18	22:00					0	2	6	3	3	1	15	
Trowel Y Row	TRD	8:18	22:00					0	2	6	3	3	1	15	
Manly Vale	MEV	8:18	22:00					0	2	6	3	3	1	15	
Quakers Yard	QYD	8:18	22:00					0	2	6	3	3	1	15	
Aberdare	ABA	9:00	22:00					0	2	6	3	3	1	15	
Cwmbach	CHB	9:00	22:00					0	2	6	3	3	1	15	
Ferhill	FER	9:00	22:00					0	2	6	3	3	1	15	
Measures Ash	MEA	9:00	22:00					0	2	6	3	3	1	15	
Pennwcober	PER	9:00	22:00					0	2	6	3	3	1	15	
Aberystwyth	ACY	8:18	22:00					0	4	12	6	6	2	30	
Taliesin	TAL	8:37	22:00					0	2	6	3	3	1	15	
Yaywen	YAW	8:37	22:00					0	2	6	3	3	1	15	
Towenny	TAW	8:37	22:00					0	2	6	3	3	1	15	
Ton Fawcett	TFN	8:37	22:00					0	2	6	3	3	1	15	
Yard Rhondda	YRH	8:37	22:00					0	2	6	3	3	1	15	
Llanymynech	LYM	8:37	22:00					0	2	6	3	3	1	15	
Tongwyndy	TNP	8:37	22:00					0	2	6	3	3	1	15	
Dinas Mawr Glyn	DMG	8:37	22:00					0	2	6	3	3	1	15	
Porth	POR	8:37	22:00					0	2	6	3	3	1	15	
Trehafod	TRH	8:37	22:00					0	2	6	3	3	1	15	
Portglenedd	PRD	8:18	22:30					0	6	18	9	9	3	45	
Treforest	TRF	8:18	22:30					0	6	18	9	9	3	45	
Treforest East	TRK	8:18	22:30					0	6	18	9	9	3	45	
Fish Well	FAW	8:18	22:30					0	6	18	9	9	3	45	
Rakr	ROR	8:18	22:30					0	6	18	9	9	3	45	Excludes stopping services on City Line via FRW
Llandaf	LLN	8:18	22:30					0	6	18	9	9	3	45	
Cathays	CYS	8:18	22:30					0	6	18	9	9	3	45	
Rhyimey	RHY	9:00	22:31					0	2	6	3	3	1	15	
Penycoed	PCO	9:00	22:31					0	2	6	3	3	1	15	
Tir phli	TRP	9:00	22:31					0	2	6	3	3	1	15	
Bendaf	BND	9:00	22:31					0	2	6	3	3	1	15	
Balgod	BGD	9:00	22:31					0	2	6	3	3	1	15	
Giffich Fawcett	GFF	9:00	22:31					0	2	6	3	3	1	15	Station Closed: Active travel measures implemented. Reference CQ 255
Plafon	PLF	9:00	22:31					0	2	6	3	3	1	15	
Hirgwa	HIR	9:00	22:31					0	2	6	3	3	1	15	
Trowel Mynach	TRM	9:00	22:31					0	2	6	3	3	1	15	
Llanidloes	LLD	9:00	22:31					0	2	6	3	3	1	15	
Energyn & C.R.	ECP	9:00	22:31					0	2	6	3	3	1	15	
Aber	ABE	9:00	22:31					0	2	6	3	3	1	15	
Caerphilly	CPH	9:00	22:31					0	2	6	3	3	1	15	
Llanvare and Thornhill	LVT	9:00	22:31					0	2	6	3	3	1	15	
Llanvare	LLV	9:00	22:31					0	2	6	3	3	1	15	
Heath High Level	HHL	9:00	22:31					0	2	6	3	3	1	15	
Canyon	COY	8:22	22:00					0	2	6	3	3	1	15	
Whitworth (Cardiff)	WHT	8:22	22:00					0	2	6	3	3	1	15	
Bridgend	BRI	8:22	22:00					0	2	6	3	3	1	15	
Bridgwater	BCG	8:22	22:00					0	2	6	3	3	1	15	
Ty Glas	TGS	8:22	22:00					0	2	6	3	3	1	15	
Heath Low Level	HLL	8:22	22:00					0	2	6	3	3	1	15	
Cardiff Queen St	CDQ	8:18	22:30					0	11	36	18	18	5	88	Excludes arrivals from CDB
Cardiff Bay	CDB			9:00	22:00			0	6	30	15	15	1	67	Services arriving at CDB from CDQ
Cardiff Central	CDP							0	11	36	18	18	5	88	

End

Journey times									
Number of services	Public journey time (mins)	R	S		T	U			
			Number of services	Public journey time (mins)					
15	51	15 services from Merthyr Tydfil to Cardiff Central shall have a journey time of no more than 51 minutes	15	51	Of which 15 services shall have a journey time of no more than 51 minutes				
15	49	15 services from Aberdare to Cardiff Central shall have a journey time of no more than 49 minutes	15	49	Of which 15 services shall have a journey time of no more than 49 minutes				
15	52	15 services from Treforest to Cardiff Central shall have a journey time of no more than 52 minutes	15	52	Of which 15 services shall have a journey time of no more than 52 minutes				
45	29	45 services from Portglenedd to Cardiff Central shall have a journey time of no more than 29 minutes	45	29	Of which 45 services shall have a journey time of no more than 29 minutes				
15	51	15 services from Rhyimey to Cardiff Central shall have a journey time of no more than 51 minutes	15	51	Of which 15 services shall have a journey time of no more than 51 minutes				
15	39	15 services from Balgofed to Cardiff Central shall have a journey time of no more than 39 minutes	15	39	Of which 15 services shall have a journey time of no more than 39 minutes				
15	20	15 services from Caerphilly to Cardiff Central shall have a journey time of no more than 20 minutes	15	20	Of which 15 services shall have a journey time of no more than 20 minutes				
15	19	15 services from Canyon to Cardiff Central shall have a journey time of no more than 19 minutes	15	19	Of which 15 services shall have a journey time of no more than 19 minutes				
88	5	88 services from Cardiff Queen St to Cardiff Central shall have a journey time of no more than 5 minutes	88	5	Of which 88 services shall have a journey time of no more than 5 minutes				

Wales and Borders Rail and South Wales Metro

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Borderlands Departures

Station	Early departure from WRX to Stn no later than		Late departure from WRX to Stn no earlier than		Early arrival at WRX from Stn no later than	Late arrival at WRX from Stn no earlier than	Minimum number of calls at station by W&B services departing from WRX during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations				
	A	B	C	D			E	F	G	H	I	J	K		L	M	N	O
										0200 - 0659	0700 - 0959	1000 - 1559	1400 - 1859		1900 - 2159	2200 - 0159	Total Day	
Wrexham Central	WXC				8:00	21:30		0	3	6	2	2	0	13	This row is based on arrival times at WRX			
Wrexham General	WRX							1	3	6	2	2	0	14				
Gwersyllt	GWE		6:59	21:30				1	3	6	2	2	0	14				
Cefn Y Bedd	CYB		6:59	21:30				1	3	6	2	2	0	14				
Caergwle	CGW		6:59	21:30				1	3	6	2	2	0	14				
Hope Clwyd	HPE		6:59	21:30				1	3	6	2	2	0	14				
Penyffordd	PNF		6:59	21:30				1	3	6	2	2	0	14				
Buckley	BCK		6:59	21:30				1	3	6	2	2	0	14				
Hawarden	HWD		6:59	21:30				1	3	6	2	2	0	14				
Shotton	SHT		6:59	21:30				1	3	6	2	2	0	14				
Hawarden Bridge	HWB		6:59	21:30				1	3	6	2	2	0	14				
Neston	NES		6:59	21:30				1	3	6	2	2	0	14				
Heswall	HSW		6:59	21:30				1	3	6	2	2	0	14				
Upton Merseyside	UPT		6:59	21:30				1	3	6	2	2	0	14				
Bidston	BID		6:59	21:30				1	3	6	2	2	0	14				

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
14	63	14 services from Wrexham General to Bidston shall have a journey time of no more than 63 minutes	12	62	Of which 12 services shall have a journey time of no more than 62 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2 December 2023 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Borderlands Arrivals

Station				Early arrival at WRX from Stn no later than	Late arrival at WRX from Stn no earlier than	Early departure from WRX to Stn no later than	Late departure from WRX to stn no earlier than	Minimum number of calls at station by W&B services arriving at WRX during given timeband unless stated otherwise							Notes on additional requirements for number of calls at Station and direct links to other stations
	A	B	C	D	E	F	G	0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
Bidston	BID			9:00	23:25			0	2	6	3	2	1	14	
Upton Merseyside	UPT			9:00	23:25			0	2	6	3	2	1	14	
Heswall	HSW			9:00	23:25			0	2	6	3	2	1	14	
Neston	NES			9:00	23:25			0	2	6	3	2	1	14	
Hawarden Bridge	HWB			9:00	23:25			0	2	6	3	2	1	14	
Shotton	SHT			9:00	23:25			0	2	6	3	2	1	14	
Hawarden	HWD			9:00	23:25			0	2	6	3	2	1	14	
Buckley	BCK			9:00	23:25			0	2	6	3	2	1	14	
Penyffordd	PNF			9:00	23:25			0	2	6	3	2	1	14	
Hope Clwyd	HPE			9:00	23:25			0	2	6	3	2	1	14	
Caergwle	CGW			9:00	23:25			0	2	6	3	2	1	14	
Cefn Y Bedd	CYB			9:00	23:25			0	2	6	3	2	1	14	
Gwersyllt	GWE			9:00	23:25			0	2	6	3	2	1	14	
Wrexham General	WRX							0	2	6	3	2	1	14	
Wrexham Central	WXC					8:00	21:30	0	3	6	3	2	0	14	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				
14	61	14 services from Bidston to Wrexham General shall have a journey time of no more than 61 minutes	13	59
				Of which 13 services shall have a journey time of no more than 59 minutes

End

Wales and Borders Rail and South Wales Metro
 Sundays TSR 2 December 2023 SU
 Confidentiality: TBC
 Version: Final
 Date: 5/13/2018

Cardiff East Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations		
								Early departure from CDF to 50 no later than		Late departure from CDF to 50 no earlier than		Column unused		Column unused		Total Day	
								H	I	J	K	L	M	N			
Cardiff Central	CDF							0	7	18	8	5	2	40			
Pet Corner	PFE	7:30	21:30					0	3	3	1	2	0	9			
Roggeston	ROR	7:30	21:30					0	3	3	1	2	0	9			
Rice & Pymmes	RCA	7:30	21:30					0	3	3	1	2	0	9			
Crosskeys	CKY	7:30	21:30					0	3	3	1	2	0	9			
Howelidge	HSE	7:30	21:30					0	3	3	1	2	0	9			
Llanhelli	LTH	7:30	21:30					0	3	3	1	2	0	9			
Elbow Vale Parkway	EBV	7:30	21:30					0	3	3	1	2	0	9			
Elbow Vale Town	EBT	7:30	21:30					0	3	3	1	2	0	9			
Newport Gwent	NXP	7:30	23:15					0	4	15	7	3	2	31			
Seven Tunnels Junction	STJ	9:00	22:25					0	1	6	3	1	1	12			
Cardiff	CDT	9:00	22:25					0	1	6	3	1	1	12			
Cheriton	CPW	9:00	22:25					0	1	6	3	1	1	12			
Llaner	LSD	9:00	22:25					0	1	6	3	1	1	12			
Glaucaster	GCR	9:00	22:25					0	1	6	3	1	1	12			
Cheltenham Spa	CHS	9:00	18:24					0	1	6	3	0	0	10			
Cheltenham	CHM	8:40	23:15					0	2	8	4	2	1	17			
Ponywood New Inn	PNI	8:40	23:15					0	2	5	2	2	1	13			
Atterbury	AGV	8:40	23:15					0	2	8	4	2	1	17			
Hanford	HFD	8:40	23:15					0	2	8	4	2	1	17			
Lozells	LFD	8:40	21:14					0	2	6	3	2	0	13			
Lozells	LFD	8:40	21:14					0	2	8	4	2	0	16			
Cress Arms	CRV	8:40	21:14					0	1	4	2	2	0	9	Excludes services via H&W Line		
Church Swanton	CTT	8:40	21:14					0	1	4	2	2	0	9	Excludes services via H&W Line		
Strewsbury	SHR	8:40	21:14					0	2	8	4	2	0	16	Excludes services via H&W Line		

Journey times										
Number of services	Public journey time (mins)	R						Number of services	Public journey time (mins)	U
		P	Q	S	T					
9	76	Services from Cardiff Central to Elbow Vale Town shall have a journey time of no more than 76 minutes						7	72	Of which 7 services shall have a journey time of no more than 72 minutes
21	24	15 services from Cardiff Central to Newport Gwent shall have a journey time of no more than 24 minutes						25	22	Of which 25 services shall have a journey time of no more than 22 minutes
12	78	12 services from Cardiff Central to Glaucaster shall have a journey time of no more than 78 minutes						10	75	Of which 10 services shall have a journey time of no more than 75 minutes
10	94	10 services from Cardiff Central to Cheltenham Spa shall have a journey time of no more than 94 minutes						8	91	Of which 8 services shall have a journey time of no more than 91 minutes
17	74	17 services from Cardiff Central to Hanford shall have a journey time of no more than 74 minutes						15	72	Of which 15 services shall have a journey time of no more than 72 minutes
16	123	16 services from Cardiff Central to Strewsbury shall have a journey time of no more than 123 minutes						13	129	Of which 13 services shall have a journey time of no more than 129 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from SHR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations		
								Early departure from SHR to 50 no later than		Late departure from SHR to 50 no earlier than		Column unused		Column unused		Total Day	
								H	I	J	K	L	M	N			
Strewsbury	SHR							0	0	5	3	1	2	11			
Gobowen	GOB	10:16	20:20					0	0	5	3	1	0	9			
Clack	CLK	10:16	20:20					0	0	5	3	1	0	9			
Ruabon	RUA	10:16	20:20					0	0	5	3	1	0	9			
Whitland General	WRK	10:16	20:20					0	0	5	3	1	0	9			
Chester	CTR	10:16	23:19					0	0	5	3	1	2	11			
Strewsbury	SHR	9:00	23:19					0	2	9	5	3	2	21			
Yarnham	YAT	9:00	23:19					0	1	3	2	1	1	8			
Wes	WEH	9:00	23:19					0	1	3	2	1	1	8			
Prees	PRE	9:00	23:19					0	1	3	2	1	1	8			
Whitchurch Salop	WTC	9:00	23:19					0	1	3	2	1	1	8			
Wrenbury	WRE	9:00	23:19					0	1	3	2	1	1	8			
Nainthorpe	NAN	9:00	23:19					0	1	3	2	1	1	8			
Cress	CRE	9:00	23:19					0	2	9	5	3	2	21			
Albany Edge	AED							0	0	0	0	1	0	1	1 additional call to be provided by a service between CRE and MAN departing CRE 0700-0919		
Wibsey	WPS	9:55	20:48					0	1	6	3	2	0	12	2 additional calls to be provided by a service between CRE and MAN departing CRE 0700-0919		
Stockport	SPT	9:55	20:48					0	1	5	3	2	0	11			
Pleacester Piccadilly	PNP	9:55	20:48	11:14	22:14			0	1	6	3	3	0	12	2 additional calls to be provided by a service between CRE and MAN departing CRE 0700-0919		

Journey times										
Number of services	Public journey time (mins)	R						Number of services	Public journey time (mins)	U
		P	Q	S	T					
9	40	9 services from Strewsbury to Whitland General shall have a journey time of no more than 40 minutes						8	36	Of which 8 services shall have a journey time of no more than 36 minutes
11	67	11 services from Strewsbury to Chester shall have a journey time of no more than 67 minutes						9	58	Of which 9 services shall have a journey time of no more than 58 minutes
21	55	21 services from Strewsbury to Cress shall have a journey time of no more than 55 minutes						19	51	Of which 19 services shall have a journey time of no more than 51 minutes
12	92	12 services from Strewsbury to Manchester Piccadilly shall have a journey time of no more than 92 minutes						9	82	Of which 9 services shall have a journey time of no more than 82 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays ESR 2 December 2023 SU
 Confidentiality: TBC
 Version: Final
 Date: 12/12/2018

Cardiff East Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1159	1400-1859	1900-2159	2200-0159			
								H	I	J	K	L	M	N		
Shrewsbury	SHR	12:57	0:15					0	0	5	4	4	2	15		
Church Stretton	CTT	12:57	0:15					0	0	2	3	1	2	8		f additional bus service to be provided between SHR and FFD departing SHR 0700-0959. Excludes services on How Line
Cresswell Arms	CAV	12:57	0:15					0	0	2	3	1	2	8		f additional bus service to be provided between SHR and FFD departing SHR 0700-0959. Excludes services on How Line
Budlow	LUD	12:57	0:15					0	0	5	4	4	2	15		f additional bus service to be provided between SHR and FFD departing SHR 0700-0959
Leominster	LEO	12:57	0:15					0	0	5	4	3	2	14		f additional bus service to be provided between SHR and FFD departing SHR 0700-0959
Hereford	HFD	11:20	0:15					0	0	6	4	4	2	16		f additional bus service to be provided between SHR and FFD departing SHR 0700-0959
Abergasny	AGV	11:20	0:15					0	0	6	4	4	2	16		f additional bus service to be provided between SHR and FFD departing SHR 0700-0959
Ponypond New Inn	PNI	11:20	0:15					0	0	3	3	1	2	9		
Castles	CWH	11:20	0:15					0	0	6	4	4	2	16		
Chalfont Spa	CHM	12:12	21:40					0	0	4	3	3	0	10		
Gloucester	GCR	9:56	23:50					0	1	4	3	3	1	12		
Leighton	LTD	9:56	23:50					0	1	4	3	3	1	12		
Chuggate	CPW	9:56	23:50					0	1	4	3	3	1	12		
Calston	CSL	9:56	23:50					0	1	4	3	3	1	12		
Seven Tunnels Junction	STJ	9:56	23:50					0	1	4	3	3	1	12		
Newport Gwent	NWP	9:44	0:15					0	3	10	7	7	4	31		
Elbow Vale Town	EBV	9:44	23:35					0	2	2	2	1	2	9		
Elbow Vale Parkway	EBV	9:44	23:35					0	2	2	2	1	2	9		
Llanthony	LTH	9:44	23:35					0	2	2	2	1	2	9		
Narethorpe	NRE	9:44	23:35					0	2	2	2	1	2	9		
Crosskeys	CKY	9:44	23:35					0	2	2	2	1	2	9		
Ross & Pommesear	RCA	9:44	23:35					0	2	2	2	1	2	9		
Rogerson	ROR	9:44	23:35					0	2	2	2	1	2	9		
Eye Corner	PYE	9:44	23:35					0	2	2	2	1	2	9		
Cardiff Central	CCF							0	5	12	9	8	6	40		

Journey times										
Number of services	Public journey time (mins)						Number of services	Public journey time (mins)		
		P	Q	R	S	T			U	
15	141						12	125		
		15 services from Shrewsbury to Cardiff Central shall have a journey time of no more than 141 minutes							Of which 12 services shall have a journey time of no more than 125 minutes	
16	81						12	74		
		16 services from Hereford to Cardiff Central shall have a journey time of no more than 81 minutes							Of which 12 services shall have a journey time of no more than 74 minutes	
10	106						8	95		
		10 services from Chalfont Spa to Cardiff Central shall have a journey time of no more than 106 minutes							Of which 8 services shall have a journey time of no more than 95 minutes	
12	87						10	80		
		12 services from Gloucester to Cardiff Central shall have a journey time of no more than 87 minutes							Of which 10 services shall have a journey time of no more than 80 minutes	
31	30						25	26		
		31 services from Newport Gwent to Cardiff Central shall have a journey time of no more than 30 minutes							Of which 25 services shall have a journey time of no more than 26 minutes	
9	81						7	73		
		9 services from Elbow Vale Town to Cardiff Central shall have a journey time of no more than 81 minutes							Of which 7 services shall have a journey time of no more than 73 minutes	

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at SHR during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1159	1400-1859	1900-2159	2200-0159			
								H	I	J	K	L	M	N		
Chester	CTR	10:20	0:15					0	0	5	2	3	2	12		2 additional calls to be provided by additional services between CTR and WRK departing CTR 0700-0959 & 2200-0159
Wrexham General	WRK	10:20	22:11					0	0	5	2	3	1	11		2 additional calls to be provided by additional services between CTR and WRK departing CTR 0700-0959 & 2200-0159
Ruabon	RUA	10:20	22:11					0	0	5	2	2	1	10		
Chirk	CHK	10:20	22:11					0	0	5	2	2	1	10		
Golwen	GGB	10:20	22:11					0	0	5	2	2	1	10		
Shrewsbury	SHR							0	0	5	2	3	2	12		
Manchester Piccadilly	MAN	11:00	21:57					0	0	6	3	3	0	12		2 additional calls to be provided by additional services between MAN and CRE departing MAN 1900-2159 & 2200-0159
Sedgemoor	SPT	11:00	21:57					0	0	6	3	3	0	12		f additional call to be provided by additional services between MAN and CRE departing MAN 1900-2159
Widnes	WNI	11:00	21:57					0	0	6	3	3	0	12		2 additional calls to be provided by additional services between MAN and CRE departing MAN 1900-2159 & 2200-0159
Alderley Edge	ALD							0	0	1	0	0	0	1		f additional call to be provided by additional services between MAN and CRE departing MAN 2200-0159
Crew	CRE	10:20	0:15					0	0	9	5	5	2	21		2 additional calls to be provided by additional services between MAN and CRE departing MAN 1900-2159 & 2200-0159
Nantwich	NAN	10:20	0:15					0	0	4	2	3	2	11		
Widnes	WNI	10:20	0:15					0	0	3	2	2	2	9		
Whitchurch Salop	WTC	10:20	0:15					0	0	3	2	2	2	10		
Presc	PRE	10:20	0:15					0	0	3	2	2	2	9		
Wem	WEM	10:20	0:15					0	0	3	2	3	2	10		
Tatten	YET	10:20	0:15					0	0	3	2	2	2	9		
Shrewsbury	SHR							0	0	9	5	5	2	21		

Journey times										
Number of services	Public journey time (mins)						Number of services	Public journey time (mins)		
		P	Q	R	S	T			U	
12	76						9	55		
		12 services from Chester to Shrewsbury shall have a journey time of no more than 76 minutes							Of which 9 services shall have a journey time of no more than 55 minutes	
11	43						10	39		
		11 services from Wrexham General to Shrewsbury shall have a journey time of no more than 43 minutes							Of which 10 services shall have a journey time of no more than 39 minutes	
12	90						9	79		
		12 services from Manchester Piccadilly to Shrewsbury shall have a journey time of no more than 90 minutes							Of which 9 services shall have a journey time of no more than 79 minutes	
21	55						19	52		
		21 services from Crew to Shrewsbury shall have a journey time of no more than 55 minutes							Of which 19 services shall have a journey time of no more than 52 minutes	

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2 December 2023 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Swansea West Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from SWA during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Swansea	SWA							0	1	5	3	3	2	14	Excludes services via HoW Line
Gowerton	GWN	8:45	23:40					0	1	4	3	3	2	13	Excludes services via HoW Line
Llanelli	LLE	8:45	23:40					0	1	5	3	3	2	14	<i>1 additional call to be provided by a service between CDF and MFH departing CDF 1000-1559. Excludes services via HoW Line</i>
Pembrey & Barry Port	PBY	8:45	23:40					0	1	5	3	3	2	14	<i>1 additional call to be provided by a service between CDF and MFH departing CDF 1000-1559.</i>
Kidwelly	KWL	8:45	23:40					0	1	3	2	1	2	9	
Ferryside	FYS	8:45	23:40					0	1	3	2	1	2	9	
Carmarthen	CMN	8:45	23:40					0	1	5	3	3	2	14	<i>1 additional call to be provided by a service between CDF and MFH departing CDF 1000-1559.</i>

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
14	20	14 services from Swansea to Llanelli shall have a journey time of no more than 20 minutes	14	20	Of which 14 services shall have a journey time of no more than 20 minutes
14	54	14 services from Swansea to Carmarthen shall have a journey time of no more than 54 minutes	11	51	Of which 11 services shall have a journey time of no more than 51 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CMN during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Carmarthen	CMN							0	2	7	3	3	2	17	
Whitland	WTL	9:30	0:17					0	2	7	3	3	2	17	<i>1 additional call to be provided by a service departing WTL 1900-2159</i>
Narberth	NAR	9:30	17:35					0	1	3	1	0	0	5	<i>1 additional call to be provided by a service departing WTL 1900-2159</i>
Kilgetty	KGT	9:30	17:35					0	1	3	1	0	0	5	<i>1 additional call to be provided by a service departing WTL 1900-2159</i>
Saundersfoot	SDF	9:30	17:35					0	1	3	1	0	0	5	<i>1 additional call to be provided by a service departing WTL 1900-2159</i>
Tenby	TEN	9:30	17:35					0	1	3	1	0	0	5	<i>1 additional call to be provided by a service departing WTL 1900-2159</i>
Penally	PNA	9:30	17:35					0	1	3	1	0	0	5	<i>1 additional call to be provided by a service departing WTL 1900-2159</i>
Manorbier	MRB	9:30	17:35					0	1	3	1	0	0	5	<i>1 additional call to be provided by a service departing WTL 1900-2159</i>
Lamphey	LAM	9:30	17:35					0	1	3	1	0	0	5	<i>1 additional call to be provided by a service departing WTL 1900-2159</i>
Pembroke	PMB	9:30	17:35					0	1	3	1	0	0	5	<i>1 additional call to be provided by a service departing WTL 1900-2159</i>
Pembroke Dock	PMD	9:30	17:35					0	1	3	1	0	0	5	<i>1 additional call to be provided by a service departing WTL 1900-2159</i>
Clunderwen	CUW	9:55	22:29					0	1	2	2	2	1	8	
Clarbeston Road	CLR	9:55	0:17					0	1	3	2	2	2	10	
Haverfordwest	HVF	9:55	22:29					0	1	2	2	2	1	8	
Johnston Dyfed	JOH	9:55	22:29					0	1	2	2	1	1	7	
Milford Haven	MFH	9:55	22:29					0	1	2	2	1	1	7	
Fishguard & Goodwick	FGW	11:30	0:17					0	0	2	0	1	1	4	
Fishguard Harbour	FGH	11:30	0:17					0	0	2	0	1	1	4	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
5	85	5 services from Carmarthen to Pembroke Dock shall have a journey time of no more than 85 minutes	4	83	Of which 4 services shall have a journey time of no more than 83 minutes
7	61	7 services from Carmarthen to Milford Haven shall have a journey time of no more than 61 minutes	6	59	Of which 6 services shall have a journey time of no more than 59 minutes
4	61	4 services from Carmarthen to Fishguard Harbour shall have a journey time of no more than 61 minutes	3	60	Of which 3 services shall have a journey time of no more than 60 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2 December 2023 SU
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Swansea West Arrivals

Station	A	B	C	Early arrival at SWA from Stn no later than D	Late arrival at SWA from Stn no earlier than E	Column unused F	Column unused G	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 O
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Carmarthen	CMN			10:15	0:28			0	1	7	3	1	3	15	
Ferryside	FYS			10:37	23:20			0	0	3	3	1	1	8	
Kidwelly	KWL			10:37	23:20			0	0	3	3	1	1	8	
Pembrey & Burry Port	PBY			10:15	23:20			0	1	7	3	1	2	14	
Llanelli	LLE			10:15	23:20			0	1	7	3	1	2	14	Excludes services via HoW Line
Gowerton	GWN			10:37	23:20			0	0	6	3	1	2	12	Excludes services via HoW Line
Swansea	SWA							0	1	7	3	1	3	15	Excludes services via HoW Line

Journey times					
Number of services P	Public journey time (mins) Q		Number of services S	Public journey time (mins) T	
15	63	15 services from Carmarthen to Swansea shall have a journey time of no more than 63 minutes	12	54	Of which 12 services shall have a journey time of no more than 54 minutes
14	34	14 services from Llanelli to Swansea shall have a journey time of no more than 34 minutes	11	26	Of which 11 services shall have a journey time of no more than 26 minutes

Station	A	B	C	Early arrival at CMN from Stn no D	Late arrival at CMN from Stn no E	Column unused F	Column unused G	Minimum number of calls at station by W&B services arriving at							Notes on additional requirements for number of calls at Station and direct links to other stations O
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Fishguard Harbour	FGH			2:52	23:54			1	0	1	0	1	1	4	
Fishguard & Goodwick	FGW			2:52	23:54			1	0	1	0	1	1	4	
Milford Haven	MFH			12:20	0:40			0	0	2	2	1	2	7	
Johnston Dyfed	JOH			12:20	0:40			0	0	2	2	1	2	7	
Haverfordwest	HVF			12:20	0:40			0	0	2	2	1	2	7	
Clarbeston Road	CLR			12:20	0:40			0	0	2	2	1	3	8	
Clunderwen	CUW			12:20	0:40			0	0	2	2	1	2	7	
Pembroke Dock	PMD			12:08	23:14			0	0	3	1	1	1	6	
Pembroke	PMB			12:08	23:14			0	0	3	1	1	1	6	
Lamphey	LAM			12:08	23:14			0	0	3	1	1	1	6	
Manorbier	MRB			12:08	23:14			0	0	3	1	1	1	6	
Penally	PNA			12:08	23:14			0	0	3	1	1	1	6	
Tenby	TEN			12:08	23:14			0	0	3	1	1	1	6	
Saundersfoot	SDF			12:08	23:14			0	0	3	1	1	1	6	
Kilgetty	KGT			12:08	23:14			0	0	3	1	1	1	6	
Narberth	NAR			12:08	23:14			0	0	3	1	1	1	6	
Whitland	WTL			12:20	0:43			0	0	6	3	3	4	16	
Carmarthen	CMN							1	0	6	3	3	4	17	

Journey times					
Number of services P	Public journey time (mins) Q		Number of services S	Public journey time (mins) T	
4	55	4 services from Fishguard Harbour to Carmarthen shall have a journey time of no more than 55 minutes	4	55	Of which 4 services shall have a journey time of no more than 55 minutes
7	57	7 services from Milford Haven to Carmarthen shall have a journey time of no more than 57 minutes	6	56	Of which 6 services shall have a journey time of no more than 56 minutes
6	83	6 services from Pembroke Dock to Carmarthen shall have a journey time of no more than 83 minutes	5	81	Of which 5 services shall have a journey time of no more than 81 minutes

Wales and Borders Rail and South Wales Metro
Sundays ESR 2 December 2023 SJ

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Heart of Wales Departures

Station	Early departure from SHR to SW no later than		Late departure from SHR to SW 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
	A	B	C	D			E	F	G	H	I	J	K	L	M	N	O	
Shrewsbury	SHR	-	-	-	-	-	-	0	0	1	1	1	1	0	3	Includes P&W services only		
Church Stretton	CTT	-	-	-	-	-	-	0	0	1	1	1	1	0	3	Includes P&W services only		
Cresswell	CRV	-	-	-	-	-	-	0	0	1	1	1	1	0	3	Includes P&W services only		
Beome	BEI	-	-	-	-	-	-	0	0	1	1	1	1	0	3			
Hopson Heath	HPT	-	-	-	-	-	-	0	0	1	1	1	1	0	3			
Beckwith	BWK	-	-	-	-	-	-	0	0	1	1	1	1	0	3			
Knignton	KNI	-	-	-	-	-	-	0	0	1	1	1	1	0	3			
Knuckla	KNJ	-	-	-	-	-	-	0	0	1	1	1	1	0	3			
Llangella	LGD	-	-	-	-	-	-	0	0	1	1	1	1	0	3			
Llanbister Road	LLT	-	-	-	-	-	-	0	0	1	1	1	1	0	3			
Dolau	DOL	-	-	-	-	-	-	0	0	1	1	1	1	0	3			
Pen Y Boes	PNY	-	-	-	-	-	-	0	0	1	1	1	1	0	3			
Llanandad	LLO	-	-	-	-	-	-	0	0	1	1	1	1	0	3			
Buck Road	BUR	-	-	-	-	-	-	0	0	1	1	0	0	2				
Cilmeri	CIM	-	-	-	-	-	-	0	0	1	1	0	0	2				
Guth Powys	GTH	-	-	-	-	-	-	0	0	1	1	0	0	2				
Llanymarch	LLM	-	-	-	-	-	-	0	0	1	1	0	0	2				
Llanwyl	LNW	-	-	-	-	-	-	0	0	1	1	0	0	2				
Sogerloaf	SOG	-	-	-	-	-	-	0	0	1	1	0	0	2				
Egrynorth	EGY	-	-	-	-	-	-	0	0	1	1	0	0	2				
Llanidloes	LID	-	-	-	-	-	-	0	0	1	1	0	0	2	If further call to be provided by a service to SWA			
Llanrhaeadr	LNR	-	-	-	-	-	-	0	0	1	1	0	0	2	If further call to be provided by a service to SWA			
Llanfyllin	LFL	-	-	-	-	-	-	0	0	1	1	0	0	2	If further call to be provided by a service to SWA			
Llanfihoch	LFI	-	-	-	-	-	-	0	0	1	1	0	0	2	If further call to be provided by a service to SWA			
Llanidloes	LID	-	-	-	-	-	-	0	0	1	1	0	0	2	If further call to be provided by a service to SWA			
Llanfihoch	LFI	-	-	-	-	-	-	0	0	1	1	0	0	2	If further call to be provided by a service to SWA			
Llanidloes	LID	-	-	-	-	-	-	0	0	1	1	0	0	2	If further call to be provided by a service to SWA			
Llanfihoch	LFI	-	-	-	-	-	-	0	0	1	1	0	0	2	If further call to be provided by a service to SWA			
Llanidloes	LID	-	-	-	-	-	-	0	0	1	1	0	0	2	If further call to be provided by a service to SWA			
Llanfihoch	LFI	-	-	-	-	-	-	0	0	1	1	0	0	2	If further call to be provided by a service to SWA			
Llanidloes	LID	-	-	-	-	-	-	0	0	1	1	0	0	2	Includes P&W services only if further call to be provided by a service to SWA			
Llanfihoch	LFI	-	-	-	-	-	-	0	0	1	1	0	0	2	Includes P&W services only if further call to be provided by a service to SWA			
Llanidloes	LID	-	-	-	-	-	-	0	0	1	1	0	0	2	Includes P&W services only if further call to be provided by a service to SWA			
Llanfihoch	LFI	-	-	-	-	-	-	0	0	1	1	0	0	2	Includes P&W services only if further call to be provided by a service to SWA			

End

Journey times					
Number of services	Public journey time (mins)	Notes	Number of services	Public journey time (mins)	Notes
3	94	3 services from Shrewsbury to Llanidloes shall have a journey time of no more than 94 minutes	3	94	Of which 3 services shall have a journey time of no more than 94 minutes
3	92	3 services from Llanidloes to Swansea shall have a journey time of no more than 92 minutes	3	92	Of which 3 services shall have a journey time of no more than 92 minutes
2	239	2 services from Shrewsbury to Swansea shall have a journey time of no more than 239 minutes	2	239	Of which 2 services shall have a journey time of no more than 239 minutes

Wales and Borders Rail and South Wales Metro

Sundays TSR 2 December 2023 SU
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Heart of Wales Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving in SHR during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Swansea				-	-			0	0	1	0	1	0	2	Includes services via HoW Line only / additional call to be provided by a service to LLV.	
Gowerton		GWN		-	-			0	0	1	0	1	0	2	Includes services via HoW Line only / additional call to be provided by a service to LLV.	
Llanelli		LLE		-	-			0	0	1	0	1	0	2	Includes services via HoW Line only / additional call to be provided by a service to LLV.	
Bynea		BYE		-	-			0	0	1	0	1	0	2	/ additional call to be provided by a service to LLV.	
Llangennech		LLH		-	-			0	0	1	0	1	0	2	/ additional call to be provided by a service to LLV.	
Pontarddulais		PTD		-	-			0	0	1	0	1	0	2	/ additional call to be provided by a service to LLV.	
Pantffynnon		PTF		-	-			0	0	1	0	1	0	2	/ additional call to be provided by a service to LLV.	
Ammanford		AMF		-	-			0	0	1	0	1	0	2	/ additional call to be provided by a service to LLV.	
Llandybie		LLI		-	-			0	0	1	0	1	0	2	/ additional call to be provided by a service to LLV.	
Ffairfach		FFA		-	-			0	0	1	0	1	0	2	/ additional call to be provided by a service to LLV.	
Llandello		LLL		-	-			0	0	1	0	1	0	2	/ additional call to be provided by a service to LLV.	
Llangadog		LLG		-	-			0	0	1	0	1	0	2	/ additional call to be provided by a service to LLV.	
Llanwrda		LNR		-	-			0	0	1	0	1	0	2	/ additional call to be provided by a service to LLV.	
Llandovery		LLV		-	-			0	0	1	0	1	0	2		
Cyngorody		CYN		-	-			0	0	1	0	1	0	2		
SugarLoaf		SUG		-	-			0	0	1	0	1	0	2		
Llanwrtyd		LNW		-	-			0	0	1	0	1	0	2		
Llangamarch		LLM		-	-			0	0	1	0	1	0	2		
Garth Powys		GTH		-	-			0	0	1	0	1	0	2		
Cilmeri		CIM		-	-			0	0	1	0	1	0	2		
Builth Road		BHR		-	-			0	0	1	0	1	0	2		
Llandrindod		LLO		-	-			0	0	1	0	1	1	3		
Pen Y Bont		PNY		-	-			0	0	1	0	1	1	3		
Dolau		DOL		-	-			0	0	1	0	1	1	3		
Llanbister Road		LLT		-	-			0	0	1	0	1	1	3		
Llangynllo		LGO		-	-			0	0	1	0	1	1	3		
Knucklas		KNU		-	-			0	0	1	0	1	1	3		
Knighon		KNI		-	-			0	0	1	0	1	1	3		
Bucknell		BUK		-	-			0	0	1	0	1	1	3		
Hopton Heath		HPT		-	-			0	0	1	0	1	1	3		
Broome		BME		-	-			0	0	1	0	1	1	3		
Craven Arms		CRV		-	-			0	0	1	0	1	1	3	Includes services via HoW Line only	
Church Stretton		CTT		-	-			0	0	1	0	1	1	3	Includes services via HoW Line only	
Shrewsbury		SHR		-	-			0	0	1	0	1	1	3	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
2	233	2 services from Swansea to Shrewsbury shall have a journey time of no more than 233 minutes	2	233	Of which 2 services shall have a journey time of no more than 233 minutes
3	66	3 services from Llanelli to Llandovery shall have a journey time of no more than 66 minutes	3	66	Of which 3 services shall have a journey time of no more than 66 minutes
3	93	3 services from Llandrindod to Shrewsbury shall have a journey time of no more than 93 minutes	3	93	Of which 3 services shall have a journey time of no more than 93 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays ESR 2 December 2023 SU
 Confidentiality: TBC
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 Date: 12/12/2018

Cardiff Line Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from BHM during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1059	1400-1859	1900-2159	2200-0159	Notes on additional requirements for number of calls at Station and direct links to other stations		
								H	I	J	K	L	M			
Birmingham International	BH							0	0	6	3	3	3	15	This row is based on arrival times at BHM	
Birmingham New St	BHM							0	0	6	3	3	3	15		
Smethwick Galsion Bridge	SG							0	0	6	3	3	3	15		
Stowell & Dudley	SD							0	0	0	0	0	0	0		
Wolverhampton	WH							0	0	6	3	3	3	15		
Stafford	ST							0	0	0	0	0	1	1		
Crewe	CR							0	0	0	0	1	1	2		
Alton	AL							0	0	2	0	1	2	5	Highlighted calls may be removed after May 2021	
Alton	ALB							0	0	2	0	1	2	5	Highlighted calls may be removed after May 2021	
Cofton	CO							0	0	2	0	1	2	5	Highlighted calls may be removed after May 2021	
Stoke	ST							0	0	2	0	1	2	5	Highlighted calls may be removed after May 2021	
Telford Central	TC							0	0	6	3	3	2	14		
Changewater	CH							0	0	2	0	1	2	5	Highlighted calls may be removed after May 2021	
Wolverhampton Salop	WS							0	0	6	3	3	2	14		
Shrewsbury	SR							0	0	6	3	3	2	14		

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
15	24	15 services from Birmingham New St to Wolverhampton shall have a journey time of no more than 24 minutes	12	21
				Of which 12 services shall have a journey time of no more than 21 minutes
14	24	14 services from Birmingham New St to Shrewsbury shall have a journey time of no more than 24 minutes	12	21
				Of which 12 services shall have a journey time of no more than 21 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from SHR during given timeband							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1059	1400-1859	1900-2159	2200-0159	Notes on additional requirements for number of calls at Station and direct links to other stations		
								H	I	J	K	L	M			
Shrewsbury	SR	dep						0	1	5	3	2	0	11	First service 07:00 - 09:59 may be provided by bus outside of Summer timetable and shall run as Aberystwyth calling at Bath	
Wetpool	WP							0	1	5	3	2	0	11	First service 07:00 - 09:59 may be provided by bus outside of Summer timetable and shall run as Aberystwyth calling at Bath	
Hereford Power	HP							0	1	5	3	2	0	11	First service 07:00 - 09:59 may be provided by bus outside of Summer timetable and shall run as Aberystwyth calling at Bath	
Cardiff	CA							0	1	5	3	2	0	11	First service 07:00 - 09:59 may be provided by bus outside of Summer timetable and shall run as Aberystwyth calling at Bath	
Machynlleth	MC							0	1	5	3	2	0	11	First service 07:00 - 09:59 may be provided by bus outside of Summer timetable and shall run as Aberystwyth calling at Bath	

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
11	77	11 services from Shrewsbury to Machynlleth shall have a journey time of no more than 77 minutes	9	76
				Of which 9 services shall have a journey time of no more than 76 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from MCN during given timeband							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1059	1400-1859	1900-2159	2200-0159	Notes on additional requirements for number of calls at Station and direct links to other stations		
								H	I	J	K	L	M			
Machynlleth	MC							0	3	9	5	2	1	20		
Dovey Junction	DV							0	3	9	5	2	1	20	1000-15:59 may reduce by 2 services outside of Summer Timetable.	
Bath	BA							0	3	6	3	2	1	15	1000-15:59 may reduce by 2 services outside of Summer Timetable.	
Bath Street	BS							0	3	6	3	2	1	15		
Aberystwyth	AW							0	3	6	3	2	1	15		
Prestig	PR							0	0	3	2	0	0	5		
Aberystwyth	AV							0	0	3	2	0	0	5		
Twyn	TR							0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary charge date in May until the principal charge date in December	
Trefaw	TRF							0	0	3	2	0	0	5		
Llwyn	LLW							0	0	3	2	0	0	5		
Fabourne	FB							0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary charge date in May until the principal charge date in December	
Machynlleth	MA							0	0	3	2	0	0	5		
Bermouth	BM							0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary charge date in May until the principal charge date in December	
Llaner	LLA							0	0	3	2	0	0	5		
Tylk	TLB							0	0	3	2	0	0	5		
Dyffryn Ardudwy	DYF							0	0	3	2	0	0	5		
Llaner	LLB							0	0	3	2	0	0	5		
Pusarn	PES							0	0	3	2	0	0	5		
Llaner	LDN							0	0	3	2	0	0	5		
Hepth	HBL							0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary charge date in May until the principal charge date in December	
Twyn	TYG							0	0	3	2	0	0	5		
Talarn	TAL							0	0	3	2	0	0	5		
Llaner	LAC							0	0	3	2	0	0	5		
Penthyndraeth	PRH							0	0	3	2	0	0	5		
Pentk	PRK							0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary charge date in May until the principal charge date in December	
Porthmadog	PRM							0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary charge date in May until the principal charge date in December	
Cricheath	CCC							0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary charge date in May until the principal charge date in December	
Porthmadog	PRC							0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary charge date in May until the principal charge date in December	
Abererch	ABH							0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary charge date in May until the principal charge date in December	
Porthell	PWL							0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary charge date in May until the principal charge date in December	

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
15	42	15 services from Machynlleth to Aberystwyth shall have a journey time of no more than 42 minutes	13	39
				Of which 13 services shall have a journey time of no more than 39 minutes
5	153	5 services from Machynlleth to Porthell shall have a journey time of no more than 153 minutes	5	153
				Of which 5 services shall have a journey time of no more than 153 minutes

Wales and Borders Rail and South Wales Metro
Sundays T&R 2 December 2023 SU
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North Wales Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&BS services departing MAN or LLY during given timeband unless otherwise stated						Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								H	I	J	K	L	M		
Manchester Airport	MAN							0	2	6	3	3	2	16	Based on arrival times at MAN
Manchester Piccadilly	MAN							0	3	6	3	3	2	17	
Manchester Oxford Road	MCO	7:30	23:35					0	3	6	3	3	2	17	First service from MAN may be provided by bus
Newton La Vidonia	NLV	7:30	23:35					0	3	6	3	3	2	17	First service from MAN may be provided by bus
Earlestown	EAR	7:30	23:35					0	3	6	3	3	2	17	First service from MAN may be provided by bus
Warrington Bank Quay	WBQ	7:30	23:35					0	3	6	3	3	2	17	First service from MAN may be provided by bus
Runcorn East	RUE	7:30	23:35					0	3	6	3	3	2	17	First service from MAN may be provided by bus
Liverpool Lime Street	LIV					9:45	22:15	0	1	6	3	3	1	14	
Liverpool South Parkway	LSP					9:45	22:15	0	1	6	3	3	1	14	
Runcorn	RUN					9:45	22:15	0	1	6	3	3	1	14	
Preston	PRE	7:30	23:35			9:45	22:15	0	4	12	6	6	3	31	First service from MAN may be provided by bus
Hubbly	HUB	7:30	23:35			9:45	22:15	0	4	12	6	6	3	31	First service from MAN may be provided by bus
Chester	CTR	7:30	23:35			9:45	22:15	0	4	12	6	6	3	31	First service from MAN may be provided by bus

Journey times										
Number of services	Public journey time (mins)	R					Number of services	Public journey time (mins)	U	
		P	Q	S	T	N				
17	64						23	24		
17 services from Manchester Piccadilly to Warrington Bank Quay shall have a journey time of no more than 64 minutes										
17	127						23	64		
17 services from Manchester Piccadilly to Chester shall have a journey time of no more than 127 minutes										

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&BS services departing CTR during given timeband unless otherwise stated						Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								H	I	J	K	L	M		
Crewe	CRE					8:50	0:30	0	2	11	4	3	6	26	Based on arrival times at CTR
Chorley	CTR	9:50	23:00					1	2	4	6	4	3	20	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Shotton	SHO	6:30	0:40					0	1	4	6	4	3	17	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Flixton	FNL	6:30	0:40					1	2	4	6	4	3	20	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Prescot	PRE	6:30	0:40					1	2	4	6	4	3	20	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Ruford	RUF	6:30	0:40					1	2	4	6	4	3	20	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Merseyside Park	MPS	6:30	0:40					0	1	3	6	4	1	15	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Cheshire Bay	CHB	6:30	0:40					1	2	4	6	4	3	20	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Llandudno Junction	LJ	6:30	0:40					1	2	4	6	4	3	20	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Deeside	DGT							0	2	0	0	0	0	2	Through services from CTR only
Llandudno	LLD							0	2	0	0	0	0	2	Through services from CTR only
Conwy	CON	9:50	23:00					0	1	2	5	4	1	13	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Pennantyr	PEN	9:50	23:00					0	1	2	5	4	1	13	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Llanfairfechan	LLF	9:50	23:00					0	1	2	5	4	1	13	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Bangor Gwynedd	BWG	6:30	0:40					1	2	4	6	4	3	20	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Llanfairpwll	LFP	9:50	23:00					0	1	1	2	0	1	5	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Bodorgan	BOD	9:50	23:00					0	1	1	2	0	1	5	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Tŷ Cwm	TYC	9:50	23:00					0	1	1	2	0	1	5	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Rhosogreig	RHO	9:50	23:00					0	1	1	2	0	1	5	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Vale	VAL	9:50	23:00					0	1	1	2	0	1	5	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable
Hillhead	HHD	6:30	0:40					1	2	4	5	1	3	16	02:00-06:59 may reduce to 0 services outside of Summer Timetable; 07:00-10:59 may reduce by 1 service outside of Summer Timetable

Journey times										
Number of services	Public journey time (mins)	R					Number of services	Public journey time (mins)	U	
		P	Q	S	T	N				
26	25						23	24		
26 services from Chester to Crewe shall have a journey time of no more than 25 minutes										
20	56						19	53		
20 services from Chester to Llandudno Junction shall have a journey time of no more than 56 minutes										
2	76						2	76		
2 services from Chester to Llandudno shall have a journey time of no more than 76 minutes										
20	76						18	75		
20 services from Chester to Bangor Gwynedd shall have a journey time of no more than 76 minutes										
16	115						14	108		
16 services from Chester to Hillhead shall have a journey time of no more than 115 minutes										

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&BS services from BFF to LLJ and LLJ to LLD during given timeband unless otherwise stated						Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								H	I	J	K	L	M		
Blaenau Ffestiog	BFF	9:00	20:00					0	2	2	1	1	0	6	
Bosnia Bridge	BFB	9:00	20:00					0	2	2	1	1	0	6	
Dolwyddelan	DWD	9:00	20:00					0	2	2	1	1	0	6	
Powys Pass	PFP	9:00	20:00					0	2	2	1	1	0	6	
Bosnes Y Coad	BFC	9:00	20:00					0	2	2	1	1	0	6	
Llanwrthwl	LWR	9:00	20:00					0	2	2	1	1	0	6	
North Llanwrthwl	NLR	9:00	20:00					0	2	2	1	1	0	6	
Dolgellau	DGL	9:00	20:00					0	2	2	1	1	0	6	
Tŷ y Castell	TYC	9:00	20:00					0	2	2	1	1	0	6	
Clun Cooney	CCW	9:00	20:00					0	2	2	1	1	0	6	
Llandudno Junction	LJ	9:00	20:00					0	2	2	1	1	0	6	
Llandudno Junction	LJ	10:00	21:00					0	0	12	5	1	0	18	All LJ to LLD services
Dolgellau	DGL	10:00	21:00					0	0	12	5	1	0	18	All LJ to LLD services
Llandudno	LLD	10:00	21:00					0	0	12	5	1	0	18	All LJ to LLD services

Journey times										
Number of services	Public journey time (mins)	R					Number of services	Public journey time (mins)	U	
		P	Q	S	T	N				
6	67						6	67		
6 services from Blaenau Ffestiog to Llandudno Junction shall have a journey time of no more than 67 minutes										
18	15						16	13		
18 services from Llandudno Junction to Llandudno shall have a journey time of no more than 15 minutes										

Wales and Borders Rail and South Wales Metro

Sundays ESR 2 December 2023 SJ
 Confidentiality: TBC
 Version: Final
 Date: 02/12/2018

North Wales Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at MAN or LLY during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1059	1600-1859	1900-2159	2200-2359			
Chester	CTR	8:50	23:25	9:42	22:15			0	3	12	7	5	3	30		
Holyhead	HHO	8:50	23:25	9:42	22:15			0	3	12	7	5	3	30		
Presham	PRD	8:50	23:25	9:42	22:15			0	3	12	7	5	3	30		
Runcorn	RUN	8:50	23:25	9:42	22:15			0	1	6	3	3	1	14		
Liverpool South Parkway	LPY			9:42	22:15			0	1	6	3	3	1	14		
Liverpool Lime Street	LIV							0	1	6	3	3	1	14		
Runcorn East	RUE	8:50	23:05					0	2	6	4	2	2	16		
Warrington Bank Quay	WBQ	8:50	23:05					0	2	6	4	2	2	16		
Birchton	BLT	8:50	23:05					0	2	6	4	2	2	16		
Newton Le Willows	NLW	8:50	23:05					0	2	6	4	2	2	16		
Manchester Oxford Road	MCO	8:50	23:05					0	2	6	4	2	2	16		
Manchester Piccadilly	MAN							0	2	6	4	2	2	16		
Manchester Airport	MAA							0	2	6	4	2	2	16	Based on departure times from MAA; early departure from MAN no later than 08:50, late departure no earlier than 23:12	

Journey times										
Number of services	Public Journey time (mins)						Number of services	Public Journey time (mins)		
P	Q	R					S	T	U	
16	59	16 services from Chester to Manchester Piccadilly shall have a journey time of no more than 59 minutes					14	58	Of which 14 services shall have a journey time of no more than 58 minutes	
16	35	16 services from Warrington Bank Quay to Manchester Piccadilly shall have a journey time of no more than 35 minutes					14	33	Of which 14 services shall have a journey time of no more than 33 minutes	

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CTR during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0400-0659	0700-0959	1000-1059	1600-1859	1900-2159	2200-2359			
Holyhead	HHO	8:55	23:13					0	2	2	3	3	2	12	07:00:59 may reduce to 0 services outside of Summer Timetable	
Vulby	VAL	9:40	22:30					0	1	1	2	2	1	7	7:00:00:59 may reduce to 0 services outside of Summer Timetable; 19:00:21:59 may reduce by 1 service outside of Summer Timetable	
Rhosneig	RHO	9:40	22:30					0	1	1	2	2	1	7	7:00:00:59 may reduce to 0 services outside of Summer Timetable; 19:00:21:59 may reduce by 1 service outside of Summer Timetable	
Ty Cross	TYC	9:40	22:30					0	1	1	2	2	1	7	7:00:00:59 may reduce to 0 services outside of Summer Timetable; 19:00:21:59 may reduce by 1 service outside of Summer Timetable	
Bodorgan	BOR	9:40	22:30					0	1	1	2	2	1	7	7:00:00:59 may reduce to 0 services outside of Summer Timetable; 19:00:21:59 may reduce by 1 service outside of Summer Timetable	
Llanfyllter	LFG	9:40	22:30					0	1	1	2	2	1	7	7:00:00:59 may reduce to 0 services outside of Summer Timetable; 19:00:21:59 may reduce by 1 service outside of Summer Timetable	
Bangor Gwynedd	BNG	8:55	23:13					0	2	5	6	3	2	18	07:00:00:59 may reduce to 0 services outside of Summer Timetable	
Llanfyllter	LFG	9:40	22:30					0	1	4	4	2	1	12	07:00:00:59 may reduce to 0 services outside of Summer Timetable	
Llanfyllter	LFG	9:40	22:30					0	1	4	4	2	1	12	07:00:00:59 may reduce to 0 services outside of Summer Timetable	
Bannockburn	BNN	9:40	22:30					0	1	4	4	2	1	12	07:00:00:59 may reduce to 0 services outside of Summer Timetable	
Conwy	CNW	9:40	22:30					0	1	4	4	2	1	12	07:00:00:59 may reduce to 0 services outside of Summer Timetable	
Llandudno	LLD	-	-					0	0	0	0	0	0	0	Through services towards CTR only	
Degenny	DGY	-	-					0	0	0	0	0	0	0	Through services towards CTR only	
Llandudno Junction	LLJ	8:55	23:13					0	2	5	6	3	2	18	Conwy valley services to BFF excluded. See table below for all LLD-LLJ services; 07:00:00:59 may reduce to 0 services outside of Summer Timetable	
Colwyn Bay	CWB	8:55	23:13					0	2	5	6	3	2	18	07:00:00:59 may reduce to 0 services outside of Summer Timetable	
Albion & Penryn	ALP	8:55	23:13					0	1	5	6	3	1	16	07:00:00:59 may reduce to 0 services outside of Summer Timetable	
Albion	ALB	8:55	23:13					0	2	5	6	3	2	18	07:00:00:59 may reduce to 0 services outside of Summer Timetable	
Prasman	PRM	8:55	23:13					0	1	5	6	3	2	17	07:00:00:59 may reduce to 0 services outside of Summer Timetable	
Penryn	PRN	8:55	23:13					0	1	5	6	3	2	17	07:00:00:59 may reduce to 0 services outside of Summer Timetable	
Stanton	SHN	8:55	23:13					0	2	5	6	3	1	17	07:00:00:59 may reduce to 0 services outside of Summer Timetable	
Chester	CTR	err						0	2	5	6	3	2	18	07:00:00:59 may reduce to 0 services outside of Summer Timetable	
Stations between CTR and C&E specified below based on departure time from CTR								0	0	0	0	0	0	0		
Crewe	CRE			7:56	23:00			0	5	9	5	6	2	27	Based on departure times at CTR; 07:00:00:59 may reduce by 2 services outside of Summer Timetable; 10:00:16:59 may reduce by 1 service outside of Summer Timetable	

Journey times										
Number of services	Public Journey time (mins)						Number of services	Public Journey time (mins)		
P	Q	R					S	T	U	
12	123	12 services from Holyhead to Chester shall have a journey time of no more than 123 minutes					10	112	Of which 10 services shall have a journey time of no more than 112 minutes	
18	82	18 services from Bangor Gwynedd to Chester shall have a journey time of no more than 82 minutes					17	79	Of which 17 services shall have a journey time of no more than 79 minutes	
0	0	0 services from Llandudno to Chester shall have a journey time of no more than 0 minutes					0	0	Of which 0 services shall have a journey time of no more than 0 minutes	
18	60	18 services from Llandudno Junction to Chester shall have a journey time of no more than 60 minutes					17	57	Of which 17 services shall have a journey time of no more than 57 minutes	
27	26	27 services from Crewe to Chester shall have a journey time of no more than 26 minutes					24	25	Of which 24 services shall have a journey time of no more than 25 minutes	

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services from LLD to LLJ and LLJ to BFF arriving at (departing from LLJ during given timeband)							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1059	1600-1859	1900-2159	2200-2359			
Llandudno	LLD	10:32	19:05					0	0	10	5	1	0	16	All LLD to LLJ services	
Degenny	DGY	10:32	19:05					0	0	10	5	1	0	16	All LLD to LLJ services	
Llandudno Junction	LLJ	err	19:32	19:05				0	0	10	5	1	0	16	All LLJ to LLJ services	
Llandudno Junction	LLJ	err		6:59	19:09			1	1	2	1	1	0	6		
Stan Conwy	SCW			6:59	19:09			0	1	2	1	1	0	5		
Fal Y Cefn	FLC			6:59	19:09			1	1	2	1	1	0	6		
Dolgetty	DLG			6:59	19:09			0	1	2	1	1	0	5		
Nack Llanerch	NLR			6:59	19:09			0	1	2	1	1	0	5		
Llanerch	LWR			6:59	19:09			1	1	2	1	1	0	6		
Bees T Coed	BTC			6:59	19:09			1	1	2	1	1	0	6		
Pon Y Fawr	PFY			6:59	19:09			0	1	2	1	1	0	5		
Dolwyddelan	DWD			6:59	19:09			0	1	2	1	1	0	5		
Russett Bridge	RBS			6:59	19:09			0	1	2	1	1	0	5		
Blaenau Ffestiniog	BFF			6:59	19:09			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	
16	13	16 services from Llandudno to Llandudno Junction shall have a journey time of no more than 13 minutes					16	13	Of which 16 services shall have a journey time of no more than 13 minutes	
6	66	6 services from Llandudno Junction to Blaenau Ffestiniog shall have a journey time of no more than 66 minutes					5	65	Of which 5 services shall have a journey time of no more than 65 minutes	