

Train Service Requirements

Wales and Borders Rail Service and South Wales Metro Sundays TSR 1b December 2021 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 O.

The key stations used are:

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

Compliance and Flexibility

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

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

Bank Holidays

On Bank Holidays a weekday service shall operate on all routes

On Christmas Day there is no requirement to run a service

On Boxing Day there is no requirement to run a service

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

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU

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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

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU

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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.

Conwy Valley

A minimum of 3 direct services per day shall be provided northbound between Blaenau Ffestiniog and Llandudno. These services will call at all stations. One of these five may terminate at Llandudno Junction provided that there is a connection within 10 minutes for Llandudno.

A minimum of 3 direct services per day shall be provided southbound between Llandudno and Blaenau Ffestiniog. These services will call at all stations. One of these five may commence from Llandudno Junction provided that there is a connection within 10 minutes from Llandudno.

Cambrian Line

A minimum of 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.

End

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Journey Times for Through Services

		Journey times					
From	To	Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
Cardiff Central	Crewe	12	192	12 services from Cardiff Central to Crewe shall have a journey time of no more than 192 minutes	10	176	Of which 10 services shall have a journey time of no more than 176 minutes
Cardiff Central	Manchester Piccadilly	11	239	11 services from Cardiff Central to Manchester Piccadilly shall have a journey time of no more than 239 minutes	10	223	Of which 10 services shall have a journey time of no more than 223 minutes
Manchester Piccadilly	Cardiff Central	12	230	12 services from Manchester Piccadilly to Cardiff Central shall have a journey time of no more than 230 minutes	9	210	Of which 9 services shall have a journey time of no more than 210 minutes
Crewe	Cardiff Central	12	187	12 services from Crewe to Cardiff Central shall have a journey time of no more than 187 minutes	9	170	Of which 9 services shall have a journey time of no more than 170 minutes
Cardiff Central	Wrexham	2	176	2 services from Cardiff Central to Wrexham shall have a journey time of no more than 176 minutes	2	176	Of which 2 services shall have a journey time of no more than 176 minutes
Cardiff Central	Chester	3	217	3 services from Cardiff Central to Chester shall have a journey time of no more than 217 minutes	3	217	Of which 3 services shall have a journey time of no more than 217 minutes
Cardiff Central	Llandudno Junction	2	256	2 services from Cardiff Central to Llandudno Junction shall have a journey time of no more than 256 minutes	2	256	Of which 2 services shall have a journey time of no more than 256 minutes
Cardiff Central	Bangor	2	280	2 services from Cardiff Central to Bangor shall have a journey time of no more than 280 minutes	2	280	Of which 2 services shall have a journey time of no more than 280 minutes
Cardiff Central	Holyhead	2	312	2 services from Cardiff Central to Holyhead shall have a journey time of no more than 312 minutes	2	312	Of which 2 services shall have a journey time of no more than 312 minutes
Holyhead	Cardiff Central	2	314	2 services from Holyhead to Cardiff Central shall have a journey time of no more than 314 minutes	2	314	Of which 2 services shall have a journey time of no more than 314 minutes
Bangor	Cardiff Central	2	275	2 services from Bangor to Cardiff Central shall have a journey time of no more than 275 minutes	2	275	Of which 2 services shall have a journey time of no more than 275 minutes
Llandudno Junction	Cardiff Central	2	252	2 services from Llandudno Junction to Cardiff Central shall have a journey time of no more than 252 minutes	2	252	Of which 2 services shall have a journey time of no more than 252 minutes
Chester	Cardiff Central	2	193	2 services from Chester to Cardiff Central shall have a journey time of no more than 193 minutes	2	193	Of which 2 services shall have a journey time of no more than 193 minutes
Wrexham	Cardiff Central	2	178	2 services from Wrexham to Cardiff Central shall have a journey time of no more than 178 minutes	2	178	Of which 2 services shall have a journey time of no more than 178 minutes
Swansea	Shrewsbury	11	205	11 services from Swansea to Shrewsbury shall have a journey time of no more than 205 minutes	9	198	Of which 9 services shall have a journey time of no more than 198 minutes
Swansea	Crewe	10	257	10 services from Swansea to Crewe shall have a journey time of no more than 257 minutes	8	235	Of which 8 services shall have a journey time of no more than 235 minutes
Swansea	Manchester Piccadilly	10	306	10 services from Swansea to Manchester Piccadilly shall have a journey time of no more than 306 minutes	8	283	Of which 8 services shall have a journey time of no more than 283 minutes
Manchester Piccadilly	Swansea	11	292	11 services from Manchester Piccadilly to Swansea shall have a journey time of no more than 292 minutes	9	284	Of which 9 services shall have a journey time of no more than 284 minutes
Crewe	Swansea	11	249	11 services from Crewe to Swansea shall have a journey time of no more than 249 minutes	9	244	Of which 9 services shall have a journey time of no more than 244 minutes
Shrewsbury	Swansea	11	213	11 services from Shrewsbury to Swansea shall have a journey time of no more than 213 minutes	9	206	Of which 9 services shall have a journey time of no more than 206 minutes
Birmingham New Street	Wrexham	5	112	5 services from Birmingham New Street to Wrexham shall have a journey time of no more than 112 minutes	4	105	Of which 4 services shall have a journey time of no more than 105 minutes
Birmingham New Street	Chester	7	132	7 services from Birmingham New Street to Chester shall have a journey time of no more than 132 minutes	6	131	Of which 6 services shall have a journey time of no more than 131 minutes
Birmingham New Street	Llandudno Junction	1	189	1 services from Birmingham New Street to Llandudno Junction shall have a journey time of no more than 189 minutes	1	189	Of which 1 services shall have a journey time of no more than 189 minutes
Birmingham New Street	Bangor	1	211	1 services from Birmingham New Street to Bangor shall have a journey time of no more than 211 minutes	1	211	Of which 1 services shall have a journey time of no more than 211 minutes
Birmingham New Street	Holyhead	1	243	1 services from Birmingham New Street to Holyhead shall have a journey time of no more than 243 minutes	1	243	Of which 1 services shall have a journey time of no more than 243 minutes
Holyhead	Birmingham New Street	2	238	2 services from Holyhead to Birmingham New Street shall have a journey time of no more than 238 minutes	1	217	Of which 1 services shall have a journey time of no more than 217 minutes
Bangor	Birmingham New Street	2	210	2 services from Bangor to Birmingham New Street shall have a journey time of no more than 210 minutes	1	178	Of which 1 services shall have a journey time of no more than 178 minutes
Llandudno Junction	Birmingham New Street	2	186	2 services from Llandudno Junction to Birmingham New Street shall have a journey time of no more than 186 minutes	1	159	Of which 1 services shall have a journey time of no more than 159 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	118	Of which 6 services shall have a journey time of no more than 118 minutes
Wrexham	Birmingham New Street	7	109	7 services from Wrexham to Birmingham New Street shall have a journey time of no more than 109 minutes	6	103	Of which 6 services shall have a journey time of no more than 103 minutes
Blaenau Ffestiniog	Llandudno	3	74	3 services from Blaenau Ffestiniog to Llandudno shall have a journey time of no more than 74 minutes	3	74	Of which 3 services shall have a journey time of no more than 74 minutes
Llandudno	Blaenau Ffestiniog	3	72	3 services from Llandudno to Blaenau Ffestiniog shall have a journey time of no more than 72 minutes	3	72	Of which 3 services shall have a journey time of no more than 72 minutes
Aberystwyth	Shrewsbury	11	114	11 services from Aberystwyth to Shrewsbury shall have a journey time of no more than 114 minutes	10	112	Of which 10 services shall have a journey time of no more than 112 minutes
Aberystwyth	Birmingham New Street	7	189	7 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	199	6 services from Birmingham New Street to Aberystwyth shall have a journey time of no more than 199 minutes	5	186	Of which 5 services shall have a journey time of no more than 186 minutes
Shrewsbury	Aberystwyth	11	118	11 services from Shrewsbury to Aberystwyth shall have a journey time of no more than 118 minutes	10	117	Of which 10 services shall have a journey time of no more than 117 minutes
Pwelli	Shrewsbury	3	228	3 services from Pwelli to Shrewsbury shall have a journey time of no more than 228 minutes	3	228	Of which 3 services shall have a journey time of no more than 228 minutes
Pwelli	Birmingham New Street	3	297	3 services from Pwelli to Birmingham New Street 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	4	319	4 services from Birmingham New Street to Pwelli shall have a journey time of no more than 319 minutes	3	303	Of which 3 services shall have a journey time of no more than 303 minutes
Shrewsbury	Pwelli	4	235	4 services from Shrewsbury to Pwelli shall have a journey time of no more than 235 minutes	4	235	Of which 4 services shall have a journey time of no more than 235 minutes
Manchester Piccadilly	Chester	17	127	17 services from Manchester Piccadilly to Chester shall have a journey time of no more than 127 minutes	15	67	Of which 15 services shall have a journey time of no more than 67 minutes
Manchester Piccadilly	Llandudno Junction	1	114	1 services from Manchester Piccadilly to Llandudno Junction shall have a journey time of no more than 114 minutes	1	114	Of which 1 services shall have a journey time of no more than 114 minutes
Llandudno Junction	Manchester Piccadilly	2	121	2 services from Llandudno Junction to Manchester Piccadilly shall have a journey time of no more than 121 minutes	2	121	Of which 2 services shall have a journey time of no more than 121 minutes
Chester	Manchester Piccadilly	16	67	16 services from Chester to Manchester Piccadilly shall have a journey time of no more than 67 minutes	12	64	Of which 12 services shall have a journey time of no more than 64 minutes
Fishguard Harbour	Swansea	1	96	1 services from Fishguard Harbour to Swansea shall have a journey time of no more than 96 minutes	1	96	Of which 1 services shall have a journey time of no more than 96 minutes
Milford Haven	Swansea	4	120	4 services from Milford Haven to Swansea shall have a journey time of no more than 120 minutes	3	119	Of which 3 services shall have a journey time of no more than 119 minutes
Pembroke Dock	Swansea	3	149	3 services from Pembroke Dock to Swansea shall have a journey time of no more than 149 minutes	3	149	Of which 3 services shall have a journey time of no more than 149 minutes
Swansea	Fishguard Harbour	3	116	3 services from Swansea to Fishguard Harbour shall have a journey time of no more than 116 minutes	3	116	Of which 3 services shall have a journey time of no more than 116 minutes
Swansea	Milford Haven	5	136	5 services from Swansea to Milford Haven shall have a journey time of no more than 136 minutes	4	131	Of which 4 services shall have a journey time of no more than 131 minutes
Swansea	Pembroke Dock	3	141	3 services from Swansea to Pembroke Dock shall have a journey time of no more than 141 minutes	3	141	Of which 3 services shall have a journey time of no more than 141 minutes
Fishguard Harbour	Cardiff Central	2	154	2 services from Fishguard Harbour to Cardiff Central shall have a journey time of no more than 154 minutes	2	154	Of which 2 services shall have a journey time of no more than 154 minutes
Milford Haven	Cardiff Central	4	209	4 services from Milford Haven to Cardiff Central shall have a journey time of no more than 209 minutes	3	207	Of which 3 services shall have a journey time of no more than 207 minutes
Cardiff Central	Milford Haven	6	206	6 services from Cardiff Central to Milford Haven shall have a journey time of no more than 206 minutes	5	202	Of which 5 services shall have a journey time of no more than 202 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU

Confidentiality: TBC

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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)
Giffach 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

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU
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Cardiff West 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							0	3	8	5	6	2	24	The first service 0700-0959 may run Summer only
Pontyclun	PYC			9:00	20:15			0	2	4	2	1	0	9	
Llanharan	LLR			9:00	20:15			0	2	4	2	1	0	9	
Pencoed	PCD			9:00	20:15			0	2	4	2	1	0	9	
Bridgend	BGN			8:00	22:49			0	3	8	5	6	2	24	Excludes services via RIA. The first service 0700-0959 may run Summer only.
Wildmill	WMI			9:00	20:15			0	1	3	2	1	0	7	
Sarn	SRR			9:00	20:15			0	1	3	2	1	0	7	
Tondu	TDU			9:00	20:15			0	1	3	2	1	0	7	
Garth Mid Glam	GMG			9:00	20:15			0	1	3	2	1	0	7	
Maesteg Eweny Rd	MEW			9:00	20:15			0	1	3	2	1	0	7	
Maesteg	MST			9:00	20:15			0	1	3	2	1	0	7	
Pyle	PYL			9:58	22:49			0	1	4	3	5	1	14	
Port Talbot Parkway	PTA			8:00	22:49			0	2	5	3	5	2	17	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			8:00	22:49			0	2	4	3	5	2	16	The first service 0700-0959 may run Summer only
Sikewen	SKE			-	-			0	0	0	0	0	0	0	
Llansamlet	LAS			-	-			0	0	0	0	0	0	0	
Swansea	SWA			8:00	22:49			0	2	4	3	5	2	16	The first service 0700-0959 may run Summer only

Journey times					
Number of services	Public journey time (mins)	R	Number of services	Public journey time (mins)	U
24	33	24 services from Cardiff Central to Bridgend shall have a journey time of no more than 33 minutes	18	31	Of which 18 services shall have a journey time of no more than 31 minutes
7	58	7 services from Cardiff Central to Maesteg shall have a journey time of no more than 58 minutes	6	56	Of which 6 services shall have a journey time of no more than 56 minutes
16	70	16 services from Cardiff Central to Swansea shall have a journey time of no more than 70 minutes	13	65	Of which 13 services shall have a journey time of no more than 65 minutes

End

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Cardiff West Arrivals

Station	A	B	C	Early arrival at CDF from Stn no later than	Late arrival at CDF from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Swansea	SWA			9:59	0:30			0	1	6	3	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	6	3	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	6	3	2	2	14	The first service 1000-1559 may run Summer only	
Pyle	PYL			9:59	0:30			0	1	6	3	1	2	13	The first service 1000-1559 may run Summer only	
Maesteg	MST			9:00	20:07			0	1	3	2	1	0	7		
Maesteg Eweny Rd	MEW			9:00	20:07			0	1	3	2	1	0	7		
Garth Mid Glam	GMG			9:00	20:07			0	1	3	2	1	0	7		
Tondu	TDU			9:00	20:07			0	1	3	2	1	0	7		
Sarn	SRR			9:00	20:07			0	1	3	2	1	0	7		
Wildmill	WMI			9:00	20:07			0	1	3	2	1	0	7		
Bridgend	BGN			9:00	0:30			0	2	9	5	3	2	21	Excludes services via RIA. The first service 1000-1559 may run Summer only.	
Pencoed	PCD			9:00	20:07			0	1	3	2	1	0	7		
Llanharan	LLR			9:00	20:07			0	1	3	2	1	0	7		
Pontyclun	PYC			9:00	20:07			0	1	3	2	1	0	7		
Cardiff Central	CDF							0	2	9	5	3	2	21		

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	62
				Of which 11 services shall have a journey time of no more than 62 minutes
7	55	7 services from Maesteg to Cardiff Central shall have a journey time of no more than 55 minutes	7	55
				Of which 7 services shall have a journey time of no more than 55 minutes
21	32	21 services from Bridgend to Cardiff Central shall have a journey time of no more than 32 minutes	21	32
				Of which 21 services shall have a journey time of no more than 32 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Cardiff South Departures

Station	A	B	C	Early departure from CDF to stn no later than	Late departure from CDF to stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							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	7	18	9	8	1	43	
Ninian Park	NNP			-	-			0	0	0	0	0	0	0	
Waungron Park	WNG			-	-			0	0	0	0	0	0	0	
Fairwater	FRW			-	-			0	0	0	0	0	0	0	
Danescourt	DCT			-	-			0	0	0	0	0	0	0	
Radyr	RDR			-	-			0	0	0	0	0	0	0	Stopping services on City Line via FRW only
Grangestown (Cardiff)	GTN			7:35	22:25			0	7	18	9	8	1	43	
Dingle Road	DGL			8:41	20:30			0	2	3	1	2	0	8	
Penarth	PEN			8:41	20:30			0	2	3	1	2	0	8	
Cogan	CGN			7:35	22:25			0	5	15	8	6	1	35	
Eastbrook	EBK			7:35	22:25			0	5	15	8	6	1	35	
Dinas Powys	DNS			7:35	22:25			0	5	15	8	6	1	35	
Cadoxton	CAD			7:35	22:25			0	5	15	8	6	1	35	
Barry Docks	BYD			7:35	22:25			0	5	15	8	6	1	35	
Barry	BRY			7:35	22:25			0	5	15	8	6	1	35	
Barry Island	BYI			7:35	22:25			0	4	12	6	5	1	28	
Rhose Cardiff International A/RIA	RIA			8:41	20:40			0	1	3	2	1	0	7	
Llantwit Major	LWM			8:41	20:40			0	1	3	2	1	0	7	
Bridgend	BGN	arr		8:41	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
0	0	0 services from Cardiff Central to Radyr 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.
8	15	8 services from Cardiff Central to Penarth shall have a journey time of no more than 15 minutes	7	14	Of which 7 services shall have a journey time of no more than 14 minutes
28	31	28 services from Cardiff Central to Barry Island shall have a journey time of no more than 31 minutes	28	31	Of which 28 services shall have a journey time of no more than 31 minutes
7	59	7 services from Cardiff Central to Bridgend shall have a journey time of no more than 59 minutes	7	59	Of which 7 services shall have a journey time of no more than 59 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 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							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	N		
								H	I	J	K	L	M			
Bridgend	BGN			9:59	22:40			0	1	3	2	1	1	8	Services via RIA only	
Llantwit Major	LWM			9:59	22:40			0	1	3	2	1	1	8		
Rhose Cardiff International	RIA			9:59	22:40			0	1	3	2	1	1	8		
Barry Island	BYI			9:00	23:25			0	2	12	6	6	2	28		
Barry	BRV			9:00	23:25			0	3	15	8	7	3	36		
Barry Docks	BYD			9:00	23:25			0	3	15	8	7	3	36		
Cadoxton	CAD			9:00	23:25			0	3	15	8	7	3	36		
Dinas Powys	DNS			9:00	23:25			0	3	15	8	7	3	36		
Eastbrook	EBK			9:00	23:25			0	3	15	8	7	3	36		
Cogan	CGN			9:00	23:25			0	3	15	8	7	3	36		
Penarth	PEN			9:30	21:00			0	2	3	1	2	0	8		
Dingle Road	DGL			9:30	21:00			0	2	3	1	2	0	8		
Grange town (Cardiff)	GTN			9:00	23:25			0	5	18	9	9	3	44		
Radyr	RDR			-	-			0	0	0	0	0	0	0	Stopping services on City Line via FRW only	
Danescourt	DCT			-	-			0	0	0	0	0	0	0		
Fairwater	FRW			-	-			0	0	0	0	0	0	0		
Waungron Park	WNG			-	-			0	0	0	0	0	0	0		
Ninian Park	NNP			-	-			0	0	0	0	0	0	0		
Cardiff Central	CDF			-	-			0	5	18	9	9	3	44		

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
8	60	8 services from Bridgend to Cardiff Central shall have a journey time of no more than 60 minutes	8	60	Of which 8 services shall have a journey time of no more than 60 minutes
28	31	28 services from Barry Island to Cardiff Central shall have a journey time of no more than 31 minutes	28	31	Of which 28 services shall have a journey time of no more than 31 minutes
8	16	8 services from Penarth to Cardiff Central shall have a journey time of no more than 16 minutes	6	14	Of which 6 services shall have a journey time of no more than 14 minutes
0	0	0 services from Radyr to Cardiff Central 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.

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU
 Confidentiality: FBC
 Version: Final
 Date: 5/23/2018

Cardiff North 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							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations						
								0200 - 0459	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	H			I	J	K	L	M	N
								Early departure from CDF no later than	Late departure from CDF no earlier than	Early departure from CDB no later than	Late departure from CDB no earlier than											
Cardiff Central	CDF							1	9	24	12	8	2	56								
Cardiff Bay	CDB					8:16	21:44	0	10	30	15	15	0	70	Services departing CDB to CDQ							
Cardiff Queen St	CDQ		6:59	22:05				1	9	24	12	8	2	56	Excludes arrival from/departures to CDB							
Heath Low Level	HLL		-	-				0	0	0	0	0	0	0								
Ty Glas	TGS		-	-				0	0	0	0	0	0	0								
Birchgrove	BCG		-	-				0	0	0	0	0	0	0								
Rhwbina	RHI		-	-				0	0	0	0	0	0	0								
Whitchurch (Cardiff)	WHT		-	-				0	0	0	0	0	0	0								
Coyton	COY		-	-				0	0	0	0	0	0	0								
Heath High Level	HHL	8:45	22:06					0	3	12	6	3	1	25								
Llanishan	LLS	8:45	22:06					0	3	12	6	3	1	25								
Lisvane and Thornhill	LVT	8:45	22:06					0	3	12	6	3	1	25								
Caerphilly	CPH	8:45	22:06					0	3	12	6	3	1	25								
Aber	ABE	9:05	22:06					0	1	6	3	2	1	13								
Energy & C Pl	ECP	9:05	22:06					0	1	6	3	2	1	13								
Llanbradach	LNB	9:05	22:06					0	1	6	3	2	1	13								
Tonal Mynach	YDM	9:05	22:06					0	1	6	3	2	1	13								
Hengoed	HNG	9:05	22:06					0	1	6	3	2	1	13								
Pungam	PGM	9:05	22:06					0	1	6	3	2	1	13								
Giffish Fergoed	GF	9:05	22:06					0	1	6	3	2	1	13								
Bargod	BGD	9:05	22:06					0	1	6	3	2	1	13								
Brdwr	BHD	9:05	22:06					0	1	6	3	2	1	13								
Turphill	TIR	9:05	22:06					0	1	6	3	2	1	13								
Rhymney	RHY	9:05	22:06					0	1	6	3	2	1	13								
Cathays	CYS	6:59	22:06					1	5	12	6	5	1	30								
Llanaf	LLA	6:59	22:06					1	5	12	6	5	1	30								
Radyr	RDR	6:59	22:06					1	5	12	6	5	1	30	Excludes stopping services on City Line via FRW							
Taffs Well	TAF	6:59	22:06					1	5	12	6	5	1	30								
Treforest Estate	TRE							0	0	0	0	0	0	0								
Treforest	TRF	6:59	22:06					1	5	12	6	5	1	30								
Pontypridd	PPD	6:59	22:06					1	5	12	6	5	1	30								
Trehafod	TRA	9:00	22:05					0	1	6	3	3	1	14								
Porth	POR	9:00	22:05					0	1	6	3	3	1	14								
Dinas Pwll Gwm	DWG	9:00	22:05					0	1	6	3	3	1	14								
Tonypandy	TNP	9:00	22:05					0	1	6	3	3	1	14								
Llwynypia	LLY	9:00	22:05					0	1	6	3	3	1	14								
Yard Rhondda	YSR	9:00	22:05					0	1	6	3	3	1	14								
Tom Revere	TRP	9:00	22:05					0	1	6	3	3	1	14								
Treorchy	TRY	9:00	22:05					0	1	6	3	3	1	14								
Ynyswen	YNW	9:00	22:05					0	1	6	3	3	1	14								
Treherbert	TRB	9:00	22:05					0	1	6	3	3	1	14								
Abercromby	ACY	6:59	20:25					1	4	6	3	2	0	16								
Pentwrceber	PER	7:51	19:40					0	3	3	1	1	0	8								
Mountain Ash	MTA	7:51	19:40					0	3	3	1	1	0	8								
Ferhill	FER	7:51	19:40					0	3	3	1	1	0	8								
Cwmhaff	CFH	7:51	19:40					0	3	3	1	1	0	8								
Aberdare	ABA	7:51	19:40					0	3	3	1	1	0	8								
Quakers Yard	QYD	6:59	20:25					1	1	3	2	1	0	8								
Merthyr Vale	MRY	6:59	20:25					1	1	3	2	1	0	8								
Trowel Y Rhw	TRD	6:59	20:25					1	1	3	2	1	0	8								
Penre bach	PTB	6:59	20:25					1	1	3	2	1	0	8								
Merthyr Tydfil	MER	6:59	20:25					1	1	3	2	1	0	8								

End

Journey times									
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)					
P	Q	R	S	T	U				
56	7	56 services from Cardiff Central to Cardiff Queen St shall have a journey time of no more than 7 minutes	55	5	Of which 55 services shall have a journey time of no more than 5 minutes				
0	0	0 services from Cardiff Central to Coyton 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.				
25	21	25 services from Cardiff Central to Caerphilly shall have a journey time of no more than 21 minutes	25	21	Of which 25 services shall have a journey time of no more than 21 minutes				
13	48	13 services from Cardiff Central to Bargod shall have a journey time of no more than 48 minutes	13	48	Of which 13 services shall have a journey time of no more than 48 minutes				
13	63	13 services from Cardiff Central to Rhymney shall have a journey time of no more than 63 minutes	13	63	Of which 13 services shall have a journey time of no more than 63 minutes				
30	32	30 services from Cardiff Central to Pontypridd shall have a journey time of no more than 32 minutes	29	31	Of which 29 services shall have a journey time of no more than 31 minutes				
14	67	14 services from Cardiff Central to Treherbert shall have a journey time of no more than 67 minutes	14	67	Of which 14 services shall have a journey time of no more than 67 minutes				
8	64	8 services from Cardiff Central to Aberdare shall have a journey time of no more than 64 minutes	7	62	Of which 7 services shall have a journey time of no more than 62 minutes				
8	65	8 services from Cardiff Central to Merthyr Tydfil shall have a journey time of no more than 65 minutes	8	65	Of which 8 services shall have a journey time of no more than 65 minutes				

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU

Confidentiality: FBC

Version: Final

Date: 5/23/2018

Cardiff North Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	
								0700 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		
								H	I	J	K	L	M	N		
Merthyr Tydfil	MER			9:30	22:40			0	1	3	2	1	1	8		
Penre bach	PTB			9:30	22:40			0	1	3	2	1	1	8		
Troed Y Rhw	TRD			9:30	22:40			0	1	3	2	1	1	8		
Merthyr Vale	MVY			9:30	22:40			0	1	3	2	1	1	8		
Quakers Yard	QYD			9:30	22:40			0	1	3	2	1	1	8		
Aberdare	ABA			9:59	21:55			0	1	4	1	2	0	8		
Cwmbach	CPH			9:59	21:55			0	1	4	1	2	0	8		
Fonhill	FER			9:59	21:55			0	1	4	1	2	0	8		
Mounain Ash	MTA			9:59	21:55			0	1	4	1	2	0	8		
Pontnewcaber	PER			9:59	21:55			0	1	4	1	2	0	8		
Abercryon	ACY			9:30	22:40			0	2	7	3	3	1	16		
Treherbert	TRB			9:00	22:09			0	2	6	3	3	1	15		
Ysgwen	YNW			9:00	22:09			0	2	6	3	3	1	15		
Treorchy	TRY			9:00	22:09			0	2	6	3	3	1	15		
Tom Penryn	TPN			9:00	22:09			0	2	6	3	3	1	15		
Ystrad Meurig	YSR			9:00	22:09			0	2	6	3	3	1	15		
Llwynypia	LLY			9:00	22:09			0	2	6	3	3	1	15		
Tonyanddy	TNP			9:00	22:09			0	2	6	3	3	1	15		
Dinas Mawr Giam	DNG			9:00	22:09			0	2	6	3	3	1	15		
Porth	POR			9:00	22:09			0	2	6	3	3	1	15		
Trehafod	TRH			9:00	22:09			0	2	6	3	3	1	15		
Pontypridd	PPD			8:40	22:40			0	4	13	6	6	2	31		
Treforest	TAF			8:40	22:40			0	4	13	6	6	2	31		
Treforest Essae	TRE			-	-			0	0	0	0	0	0	0		
Taffs Well	TAF			8:40	22:40			0	4	13	6	6	2	31		
Radyr	RDR			8:40	22:40			0	4	13	6	6	2	31	Excludes stopping services on City Line via FRW	
Llanidlo	LLN			8:40	22:40			0	4	13	6	6	2	31		
Cathays	CYS			8:40	22:40			0	4	13	6	6	2	31		
Rhymney	RHY			9:19	20:20			0	2	5	3	2	0	12		
Ponkypyn	PCT			9:19	20:20			0	2	5	3	2	0	12		
Tir gwl	TIR			9:19	20:20			0	2	5	3	2	0	12		
Brdwr	BHD			9:19	20:20			0	2	5	3	2	0	12		
Bargoed	BGD			9:19	20:20			0	2	5	3	2	0	12		
Giffish Fawcett	GFF			9:19	20:20			0	2	5	3	2	0	12		
Pegam	PGM			9:19	20:20			0	2	5	3	2	0	12		
Hengoed	HNG			9:19	20:20			0	2	5	3	2	0	12		
Ystrad Mymach	YSM			9:19	20:20			0	2	5	3	2	0	12		
Llanfach	LNB			9:19	20:20			0	2	5	3	2	0	12		
Energy & C Pl	ECP			9:19	20:20			0	2	5	3	2	0	12		
Aber	ABE			9:19	20:20			0	2	5	3	2	0	12		
Caeaphilly	CPH			9:19	20:20			0	3	11	6	4	0	24		
Llanvce and Thornhill	LVT			9:19	20:20			0	3	11	6	4	0	24		
Llanishen	LLS			9:19	20:20			0	3	11	6	4	0	24		
Heath High Level	HHL			9:19	20:20			0	3	11	6	4	0	24		
Coryton	COY			-	-			0	0	0	0	0	0	0		
Whitehatch (Cardiff)	WHT			-	-			0	0	0	0	0	0	0		
Rhwbina	RHI			-	-			0	0	0	0	0	0	0		
Birchgrove	BCG			-	-			0	0	0	0	0	0	0		
Ty Glas	TGS			-	-			0	0	0	0	0	0	0		
Heath Low Level	HLL			-	-			0	0	0	0	0	0	0		
Cardiff Queen St	CDQ			8:40	22:40			0	7	24	12	10	2	55	Excludes arrivals from CDB	
Cardiff Bay	CDB					8:14	21:42	0	10	30	15	15	0	70	Services arriving at CDB from CDQ	
Cardiff Central	CDF							0	7	24	12	10	2	55		

End

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
8	64	8 services from Merthyr Tydfil to Cardiff Central shall have a journey time of no more than 64 minutes	7	63	Of which 7 services shall have a journey time of no more than 63 minutes
8	64	8 services from Aberdare to Cardiff Central shall have a journey time of no more than 64 minutes	7	62	Of which 7 services shall have a journey time of no more than 62 minutes
15	64	15 services from Treherbert to Cardiff Central shall have a journey time of no more than 64 minutes	15	64	Of which 15 services shall have a journey time of no more than 64 minutes
31	33	31 services from Pontypridd to Cardiff Central shall have a journey time of no more than 33 minutes	24	32	Of which 24 services shall have a journey time of no more than 32 minutes
12	62	12 services from Rhymney to Cardiff Central shall have a journey time of no more than 62 minutes	12	62	Of which 12 services shall have a journey time of no more than 62 minutes
12	47	12 services from Bargoed to Cardiff Central shall have a journey time of no more than 47 minutes	12	47	Of which 12 services shall have a journey time of no more than 47 minutes
24	22	24 services from Caeaphilly to Cardiff Central shall have a journey time of no more than 22 minutes	23	21	Of which 23 services shall have a journey time of no more than 21 minutes
0	0	0 services from Coryton to Cardiff Central 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.
55	5	55 services from Cardiff Queen St to Cardiff Central shall have a journey time of no more than 5 minutes	45	4	Of which 45 services shall have a journey time of no more than 4 minutes

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Borderlands Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from WRX during given timeband unless otherwise stated							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	
Wrexham Central	WXC					11:12	21:05	0	0	2	2	1	0	5	This row is based on arrival times at WRX
Wrexham General	WRX							0	1	2	2	1	0	6	
Gwersyllt	GWE	8:42	21:10					0	1	2	2	1	0	6	
Cefn Y Bedd	CYB	8:42	21:10					0	1	2	2	1	0	6	
Caergwle	CGW	8:42	21:10					0	1	2	2	1	0	6	
Hope Clwyd	HPE	8:42	21:10					0	1	2	2	1	0	6	
Penyffordd	PNF	8:42	21:10					0	1	2	2	1	0	6	
Buckley	BCK	8:42	21:10					0	1	2	2	1	0	6	
Hawarden	HWD	8:42	21:10					0	1	2	2	1	0	6	
Shortton	SHT	8:42	21:10					0	1	2	2	1	0	6	
Hawarden Bridge	HWB	8:42	21:10					0	1	2	2	1	0	6	
Neston	NES	8:42	21:10					0	1	2	2	1	0	6	
Heswall	HSW	8:42	21:10					0	1	2	2	1	0	6	
Upton Merseyside	UPT	8:42	21:10					0	1	2	2	1	0	6	
Bidston	BID	8:42	21:10					0	1	2	2	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
6	58	6 services from Wrexham General to Bidston shall have a journey time of no more than 58 minutes	6	58	Of which 6 services shall have a journey time of no more than 58 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Borderlands Arrivals

Station	A	B	C	Early arrival at WRX from Stn no later than D	Late arrival at WRX from Stn no earlier than E	Early departure from WRX to Stn no later than F	Late departure from WRX to Stn no earlier than G	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 O
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Bidston	BID			10:55	23:21			0	0	3	1	1	1	6	
Upton Merseyside	UPT			10:55	23:21			0	0	3	1	1	1	6	
Heswall	HSW			10:55	23:21			0	0	3	1	1	1	6	
Neston	NES			10:55	23:21			0	0	3	1	1	1	6	
Hawarden Bridge	HWB			10:55	23:21			0	0	3	1	1	1	6	
Shotton	SHT			10:55	23:21			0	0	3	1	1	1	6	
Hawarden	HWD			10:55	23:21			0	0	3	1	1	1	6	
Buckley	BCK			10:55	23:21			0	0	3	1	1	1	6	
Penyffordd	PNF			10:55	23:21			0	0	3	1	1	1	6	
Hope Clwyd	HPE			10:55	23:21			0	0	3	1	1	1	6	
Caergwle	CGW			10:55	23:21			0	0	3	1	1	1	6	
Cefn Y Bedd	CYB			10:55	23:21			0	0	3	1	1	1	6	
Gwersyllt	GWE			10:55	23:21			0	0	3	1	1	1	6	
Wrexham General	WRX							0	0	3	1	1	1	6	
Wrexham Central	WXC					11:00	20:50	0	0	3	1	1	0	5	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				
6	57	6 services from Bidston to Wrexham General shall have a journey time of no more than 57 minutes	5	55
				Of which 5 services shall have a journey time of no more than 55 minutes

End

Wales and Borders Rail and South Wales Metro
Sundays TR 1b December 2021 SJ

Confidentiality: TBC
Version: Final
Date: 5/13/2018

Cardiff East Departures

Station	Early departure from CDF to SW no later than	Late departure from CDF to SW no earlier than	Column issued	Column issued	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
					Total											
					0200-0659	0700-0859	1000-1059	1600-1859	1900-2159	2200-0159	Day	H	I	J	K	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O		
Cardiff Central	CDF				0	5	11	6	5	0	31					
Pen Corner	PTC	7:40	11:30		0	2	1	1	2	0	7					
Regensons	RGR	7:40	11:30		0	2	2	1	2	0	7					
Rosa & Pentyrener	RCA	7:40	11:30		0	2	2	1	2	0	7					
Crosskeys	CKY	7:40	11:30		0	2	2	1	2	0	7					
Newbridge	NBE	7:40	11:30		0	2	2	1	2	0	7					
Llanbhai	LTH	7:40	11:30		0	2	2	1	2	0	7					
Elbow Vale Parkway	EBV	7:40	11:30		0	2	2	1	2	0	7					
Elbow Vale Town	EBT	7:40	11:30		0	2	2	1	2	0	7					
Newport Gwent	NWP	8:30	23:15		0	3	11	5	3	2	24					
Swan Tunnel Junction	STJ	9:00	22:25		0	1	3	2	1	1	8					
Calton	CGT	9:00	22:25		0	1	3	2	1	1	8					
Chaplaw	CPW	9:00	22:25		0	1	3	2	1	1	8					
Llody	LTD	9:00	22:25		0	1	3	2	1	1	8					
Ollibuster	OCR	9:00	22:25		0	1	3	2	1	1	8					
Cheltenham Spa	CHR	9:00	18:24		0	1	3	2	0	0	6					
Cwmbe	CRM	8:30	23:15		0	2	6	3	2	1	16					
Pontypool New Inn	PPL	8:30	23:15		0	2	4	2	2	1	11					
Alrogers	AGV	8:30	23:15		0	2	6	3	2	1	16					
Rhodfa	RFD	8:30	23:15		0	2	6	3	2	1	16					
Leamans	LEO	8:30	21:00		0	2	5	3	2	0	12					
Ludlow	LUD	8:30	21:00		0	2	6	3	2	0	15					
Cress Arms	CRV	8:30	21:00		0	1	3	2	2	0	8					
Church Street	CTT	8:30	21:00		0	1	3	2	2	0	8					
Shrewbury	SHR	8:30	21:00		0	2	6	3	2	0	15					

Journey times										
Number of services	Public journey time (mins)							Number of services	Public journey time (mins)	
P	Q	R						S	T	
7	77	7 services from Cardiff Central to Elbow Vale Town shall have a journey time of no more than 77 minutes						4	47	
24	25	24 services from Cardiff Central to Newport Gwent shall have a journey time of no more than 25 minutes						20	23	
8	80	8 services from Cardiff Central to Gloucester shall have a journey time of no more than 80 minutes						6	78	
6	97	6 services from Cardiff Central to Cheltenham Spa shall have a journey time of no more than 97 minutes						6	93	
16	81	16 services from Cardiff Central to Hereford shall have a journey time of no more than 81 minutes						12	77	
15	139	15 services from Cardiff Central to Shrewbury shall have a journey time of no more than 139 minutes						13	137	

Station	Early departure from SHR to SW no later than	Late departure from SHR to SW no earlier than	Early arrival at SW from SHR no later than	Late arrival at SW from SHR no earlier than	Minimum number of calls at station by W&B services departing from SHR during given timeband unless otherwise stated											Notes on additional requirements for number of calls at Station and direct links to other stations
					Total											
					0200-0659	0700-0859	1000-1059	1600-1859	1900-2159	2200-0159	Day	H	I	J	K	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O		
Shrewbury	SHR				0	0	4	3	1	2	10					
Gobowen	GOB	10:16	20:24		0	0	4	3	1	0	8					
Clack	CLK	10:16	20:24		0	0	4	3	1	0	8					
Redden	RED	10:16	20:24		0	0	4	3	1	0	8					
Whitcham General	WHX	10:16	20:24		0	0	4	3	1	0	8					
Chewer	CTR	10:16	23:19		0	0	4	3	1	2	10					
Shrewbury	SHR	9:00	23:19		0	2	9	5	3	2	21					
Yerres	YER	9:00	23:19		0	1	3	2	1	1	8					
Wem	WEM	9:00	23:19		0	1	3	2	1	1	8					
Pras	PRS	9:00	23:19		0	1	3	2	1	1	8					
Whitchurch Salop	WVC	9:00	23:19		0	1	3	2	1	1	8					
Winstbury	WRE	9:00	23:19		0	1	3	2	1	1	8					
Nain	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					
Albury Edge	ALD				1	1	1	1	1	1	5					
Walsley	WRS	9:55	20:48		0	1	6	3	2	0	12					
Stogport	SPT	9:55	20:48		0	1	5	3	2	0	11					
Marcher Parkway	MAN	9:55	20:48	11:55	22:14		0	1	6	3	2	0	12			

Journey times										
Number of services	Public journey time (mins)							Number of services	Public journey time (mins)	
P	Q	R						S	T	
8	40	8 services from Shrewbury to Whitcham General shall have a journey time of no more than 40 minutes						7	39	
10	79	10 services from Shrewbury to Chewer shall have a journey time of no more than 79 minutes						8	62	
21	55	21 services from Shrewbury to Cress shall have a journey time of no more than 55 minutes						18	51	
12	81	12 services from Shrewbury to Marcher Parkway shall have a journey time of no more than 81 minutes						9	80	

End

Wales and Borders Rail and South Wales Metro
Sundays ESR 15 December 2021 SU

Confidentiality: TBC
Version: Final
Date: 02/12/2018

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							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	2200-0159	Total	
								H	I	J	K	L	M	N	
Shrewsbury	SHR	13:15	0:15					0	0	5	3	4	2	14	1 additional bus service to be provided between SHR and HFD departing SHR 0700-0959. Excludes services via H&W Line. 1 additional bus service to be provided between SHR and HFD departing SHR 0700-0959. Excludes services via H&W Line.
Church Stretton	CTT	13:15	0:15					0	0	2	2	1	2	7	
Creswell Arms	CAV	13:15	0:15					0	0	2	2	1	2	7	1 additional bus service to be provided between SHR and HFD departing SHR 0700-0959. Excludes services via H&W Line. 1 additional bus service to be provided between SHR and HFD departing SHR 0700-0959.
Ludlow	LUD	13:15	0:15					0	0	5	3	4	2	14	
Llansantfyllid	LEO	13:15	0:15					0	0	5	3	3	2	13	1 additional bus service to be provided between SHR and HFD departing SHR 0700-0959. 1 additional bus service to be provided between SHR and HFD departing SHR 0700-0959.
Hawford	HFD	11:30	0:15					0	0	6	3	4	2	15	
Abergavenny	AGV	11:30	0:15					0	0	6	3	4	2	15	1 additional bus service to be provided between SHR and HFD departing SHR 0700-0959.
Pontypool New Inn	PNL	11:30	0:15					0	0	3	2	1	2	8	
Cardigan	CDM	11:30	0:15					0	0	6	3	4	2	15	
Cheltenham Spa	CHM	12:16	21:40					0	0	3	1	2	0	6	5 services from Cheltenham Spa to Cardiff Central shall have a journey time of no more than 110 minutes. 5 services from Gloucester to Cardiff Central shall have a journey time of no more than 90 minutes.
Gloucester	GCR	10:00	23:50					0	1	3	1	2	1	8	
Lydney	LVD	10:00	23:50					0	1	3	1	2	1	8	
Chepswold	CPW	10:00	23:50					0	1	3	1	2	1	8	
Cardiff	CDT	10:00	23:50					0	1	3	1	2	1	8	
Seven Tunnels Junction	STJ	10:00	23:50					0	1	3	1	2	1	8	
Newport Gwent	NWP	9:55	0:15					0	2	9	4	6	3	24	14 services from Newport Gwent to Cardiff Central shall have a journey time of no more than 29 minutes. 7 services from Ebbw Vale Town to Cardiff Central shall have a journey time of no more than 89 minutes.
Ebbw Vale Town	EBB	9:50	23:35					0	1	2	2	1	1	7	
Ebbw Vale Parkway	EBV	9:50	23:35					0	1	2	2	1	1	7	
Llanthob	LTH	9:50	23:35					0	1	2	2	1	1	7	
Newbridge	NBE	9:50	23:35					0	1	2	2	1	1	7	
Crosskeys	CKY	9:50	23:35					0	1	2	2	1	1	7	
Risca & Pontymear	RCA	9:50	23:35					0	1	2	2	1	1	7	
Ragstone	RGR	9:50	23:35					0	1	2	2	1	1	7	
Pye Corner	PYE	9:50	23:35					0	1	2	2	1	1	7	
Cardiff Central	CCF							0	3	11	6	7	4	31	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	
14	139	14 services from Shrewsbury to Cardiff Central shall have a journey time of no more than 139 minutes	12	138	Of which 12 services shall have a journey time of no more than 138 minutes
15	81	15 services from Hereford to Cardiff Central shall have a journey time of no more than 81 minutes	12	76	Of which 12 services shall have a journey time of no more than 76 minutes
6	110	6 services from Cheltenham Spa to Cardiff Central shall have a journey time of no more than 110 minutes	5	104	Of which 5 services shall have a journey time of no more than 104 minutes
8	90	8 services from Gloucester to Cardiff Central shall have a journey time of no more than 90 minutes	6	82	Of which 6 services shall have a journey time of no more than 82 minutes
24	29	14 services from Newport Gwent to Cardiff Central shall have a journey time of no more than 29 minutes	23	27	Of which 23 services shall have a journey time of no more than 27 minutes
7	89	7 services from Ebbw Vale Town to Cardiff Central shall have a journey time of no more than 89 minutes	6	88	Of which 6 services shall have a journey time of no more than 88 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at SHR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0300-0659	0700-0959	1000-1059	1600-1859	1900-2159	2200-0159	Total	
								H	I	J	K	L	M	N	
Cherier	CTR	10:30	0:14					0	0	4	2	3	2	11	2 additional calls to be provided by additional services between CTR and WRK departing CTR 0700-0959 & 2200-0159. 2 additional calls to be provided by additional services between CTR and WRK departing CTR 0700-0959 & 2200-0159.
Whitton General	WKG	10:30	22:20					0	0	4	2	1	9		
Ruabon	RUA	10:30	22:20					0	0	4	2	1	9		
Clwb	CLK	10:30	22:20					0	0	4	2	1	9		
Colwyn	COB	10:30	22:20					0	0	4	2	1	9		
Shrewsbury	SHR							0	0	4	2	3	2	11	Includes through services between CTR and SHR via CRE
Manchester Piccadilly	MAN	11:00	21:59					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. 1 additional call to be provided by additional service between MAN and CRE departing MAN 1900-2159.
Skegport	SPT	11:00	21:59					0	0	6	3	3	0	12	
Widmore	WML	11:00	21:59					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. 1 additional call to be provided by additional service between MAN and CRE departing MAN 2200-0159.
Alderley Edge	ALD							1	station call per day					1	
Crewe	CRE	10:30	0:14					0	0	9	5	4	2	20	2 additional calls to be provided by additional services between MAN and CRE departing MAN 1900-2159 & 2200-0159.
Nantwich	NAN	10:30	0:14					0	0	4	2	2	2	10	
Widbury	WRE	10:30	0:14					0	0	3	2	1	2	8	
Whitchurch Salop	WTC	10:30	0:14					0	0	3	2	2	2	9	
Prest	PRE	10:30	0:14					0	0	3	2	1	2	8	
Wem	WEM	10:30	0:14					0	0	3	2	2	2	9	
Turton	TKT	10:30	0:14					0	0	3	2	1	2	8	
Shrewsbury	SHR							0	0	9	5	4	2	20	

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 Cherier to Shrewsbury shall have a journey time of no more than 77 minutes	9	57	Of which 9 services shall have a journey time of no more than 57 minutes
10	42	10 services from Whitton General to Shrewsbury shall have a journey time of no more than 42 minutes	10	42	Of which 10 services shall have a journey time of no more than 42 minutes
12	92	12 services from Manchester Piccadilly to Shrewsbury 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
20	56	20 services from Crewe to Shrewsbury shall have a journey time of no more than 56 minutes	20	56	Of which 20 services shall have a journey time of no more than 56 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Swansea West Departures

Station	Early departure from SWA to Stn no later than			Late departure from SWA to Stn no earlier than			Column unused	Column unused	Minimum number of calls at station by W&B services departing from SWA during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	
	A	B	C	D	E	F			G	0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159		Total Day
	H	I	J	K	L	M			N	O							
Swansea	SWA							0	1	5	3	3	2	14	Excludes services via HoW Line		
Gowerton	GWN	9:30	23:40					0	1	4	3	3	2	13	Excludes services via HoW Line		
Llanelli	LLE	9:30	23:40					0	1	5	3	3	2	14	I additional call to be provided by a service between CDF and MFH departing CDF 1000-1559. Excludes services via HoW Line		
Pembrey & Burry Port	PBY	9:30	23:40					0	1	5	3	3	2	14	I additional call to be provided by a service between CDF and MFH departing CDF 1000-1559.		
Kidwelly	KVVL	9:30	23:40					0	1	3	2	1	2	9			
Ferryside	FYS	9:30	23:40					0	1	3	2	1	2	9			
Carmarthen	CMN	9:30	23:40					0	1	5	3	3	2	14	I additional call to be provided by a service between CDF and MFH departing CDF 1000-1559.		

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
14	21	14 services from Swansea to Llanelli shall have a journey time of no more than 21 minutes	14	21	Of which 14 services shall have a journey time of no more than 21 minutes
14	58	14 services from Swansea to Carmarthen shall have a journey time of no more than 58 minutes	13	57	Of which 13 services shall have a journey time of no more than 57 minutes

Station	Early departure from CMN to Stn no later than			Late departure from CMN to Stn no earlier than			Column unused	Column unused	Minimum number of calls at station by W&B services departing from CMN during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	
	A	B	C	D	E	F			G	0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159		Total Day
	H	I	J	K	L	M			N	O							
Carmarthen	CMN							0	2	5	3	3	2	15			
Whitland	WTL	9:55	22:30					0	2	5	3	3	2	15	I additional call to be provided by a service departing WTL 1900-2159		
Narberth	NAR	9:55	17:35					0	1	2	1	0	0	4	I additional call to be provided by a service departing WTL 1900-2159		
Kilgetty	KGT	9:55	17:35					0	1	2	1	0	0	4	I additional call to be provided by a service departing WTL 1900-2159		
Saundersfoot	SDF	9:55	17:35					0	1	2	1	0	0	4	I additional call to be provided by a service departing WTL 1900-2159		
Tenby	TEN	9:55	17:35					0	1	2	1	0	0	4	I additional call to be provided by a service departing WTL 1900-2159		
Penally	PJA	9:55	17:35					0	1	2	1	0	0	4	I additional call to be provided by a service departing WTL 1900-2159		
Manorbier	MRB	9:55	17:35					0	1	2	1	0	0	4	I additional call to be provided by a service departing WTL 1900-2159		
Lamphay	LAM	9:55	17:35					0	1	2	1	0	0	4	I additional call to be provided by a service departing WTL 1900-2159		
Pembroke	PMB	9:55	17:35					0	1	2	1	0	0	4	I additional call to be provided by a service departing WTL 1900-2159		
Pembroke Dock	PMD	9:55	17:35					0	1	2	1	0	0	4	I additional call to be provided by a service departing WTL 1900-2159		
Clunderwen	CUW	9:55	22:30					0	1	2	2	2	1	8			
Clarbston Road	CLR	9:55	22:30					0	1	2	2	2	2	9			
Haverfordwest	HVF	9:55	22:30					0	1	2	2	2	1	8			
Johnston Dyfed	JOH	9:55	22:30					0	1	2	2	1	1	7			
Milford Haven	MFH	9:55	22:30					0	1	2	2	1	1	7			
Fishguard & Goodwick	FGW	11:30	21:45					0	0	1	0	1	1	3			
Fishguard Harbour	FGH	11:30	21:45					0	0	1	0	1	1	3			

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
4	87	4 services from Carmarthen to Pembroke Dock shall have a journey time of no more than 87 minutes	3	86	Of which 3 services shall have a journey time of no more than 86 minutes
7	68	7 services from Carmarthen to Milford Haven shall have a journey time of no more than 68 minutes	6	65	Of which 6 services shall have a journey time of no more than 65 minutes
3	59	3 services from Carmarthen to Fishguard Harbour shall have a journey time of no more than 59 minutes	3	59	Of which 3 services shall have a journey time of no more than 59 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 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	Late arrival at SWA from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at SWA during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Carmarthen		CMN		9:43	0:05			0	1	7	3	1	3	15	
Ferryside		FYS		10:42	23:25			0	0	3	3	1	1	8	
Kidwelly		KWL		10:42	23:25			0	0	3	3	1	1	8	
Pembrey & Burry Port		PBY		9:43	23:25			0	1	7	3	1	2	14	
Llanelli		LLE		9:43	23:25			0	1	7	3	1	2	14	Excludes services via HoW Line
Gowerton		GWN		10:42	23:25			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	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
15	67	15 services from Carmarthen to Swansea shall have a journey time of no more than 67 minutes	12	58	Of which 12 services shall have a journey time of no more than 58 minutes
14	31	14 services from Llanelli to Swansea shall have a journey time of no more than 31 minutes	10	27	Of which 10 services shall have a journey time of no more than 27 minutes

Station	A	B	C	Early arrival at CMN from Stn no later than	Late arrival at CMN from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CMN during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Fishguard Harbour		FGH		2:54	23:55			1	0	1	0	0	1	3	
Fishguard & Goodwick		FGW		2:54	23:55			1	0	1	0	0	1	3	
Milford Haven		MFH		12:23	0:48			0	0	2	2	1	2	7	
Johnston Dyfed		JOH		12:23	0:48			0	0	2	2	1	2	7	
Haverfordwest		HVF		12:23	0:48			0	0	2	2	1	2	7	
Clarbston Road		CLR		12:23	0:48			0	0	2	2	1	3	8	
Clunderwen		CUW		12:23	0:48			0	0	2	2	1	2	7	
Pembroke Dock		PMD		12:13	23:19			0	0	2	1	1	1	5	
Pembroke		PMB		12:13	23:19			0	0	2	1	1	1	5	
Lamphey		LAM		12:13	23:19			0	0	2	1	1	1	5	
Manorbier		MIR		12:13	23:19			0	0	2	1	1	1	5	
Penally		PNA		12:13	23:19			0	0	2	1	1	1	5	
Tenby		TEN		12:13	23:19			0	0	2	1	1	1	5	
Saundersfoot		SDF		12:13	23:19			0	0	2	1	1	1	5	
Kilgetty		KGT		12:13	23:19			0	0	2	1	1	1	5	
Narberth		NAR		12:13	23:19			0	0	2	1	1	1	5	
Whitland		WTL		2:54	0:48			0	0	5	3	2	4	14	
Carmarthen		CMN						1	0	5	3	2	4	15	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
3	57	3 services from Fishguard Harbour to Carmarthen shall have a journey time of no more than 57 minutes	3	57	Of which 3 services shall have a journey time of no more than 57 minutes
7	62	7 services from Milford Haven to Carmarthen shall have a journey time of no more than 62 minutes	6	61	Of which 6 services shall have a journey time of no more than 61 minutes
5	86	5 services from Pembroke Dock to Carmarthen shall have a journey time of no more than 86 minutes	4	84	Of which 4 services shall have a journey time of no more than 84 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Heart of Wales Departures

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						Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								H	I	J	K	L	M		
Shrewsbury	SHR							2 station calls per day						2	Includes HoW services only
Church Stretton	CTT							2 station calls per day						2	Includes HoW services only
Craven Arms	CRV							2 station calls per day						2	Includes HoW services only
Broome	BME							2 station calls per day						2	
Hopton Heath	HPT							2 station calls per day						2	
Bucknell	BUK							2 station calls per day						2	
Knighton	KNI							2 station calls per day						2	
Knucklas	KNU							2 station calls per day						2	
Llangynllo	LGO							2 station calls per day						2	
Llanbister Road	LLT							2 station calls per day						2	
Dolau	DOL							2 station calls per day						2	
Pen Y Bont	PNY							2 station calls per day						2	
Llandrindod	LLO							2 station calls per day						2	
Builth Road	BHR							2 station calls per day						2	
Cilmeri	CIM							2 station calls per day						2	
Garth Powys	GTH							2 station calls per day						2	
Llangammarch	LLM							2 station calls per day						2	
Llanwrtyd	LNW							2 station calls per day						2	
SugarLoaf	SUG							2 station calls per day						2	
Cynghordy	CYN							2 station calls per day						2	
Llandovery	LLV							2 station calls per day						2	
Llanwrda	LNR							2 station calls per day						2	
Llangadog	LLG							2 station calls per day						2	
Llandelilo	LLL							2 station calls per day						2	
Ffairfach	FFA							2 station calls per day						2	
Llandybie	LLJ							2 station calls per day						2	
Ammanford	AMF							2 station calls per day						2	
Pantffynnon	PTF							2 station calls per day						2	
Pontarddulais	PTD							2 station calls per day						2	
Llangennech	LLH							2 station calls per day						2	
Bynea	BYE							2 station calls per day						2	
Llanelli	LLE							2 station calls per day						2	Includes HoW services only
Gowerton	GWN							2 station calls per day						2	Includes HoW services only
Swansea	SWA							2 station calls per day						2	Includes HoW services only

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
2	96	2 services from Shrewsbury to Llandrindod shall have a journey time of no more than 96 minutes	2	96
2	89	2 services from Llandovery to Swansea shall have a journey time of no more than 89 minutes	2	89
2	247	2 services from Shrewsbury to Swansea shall have a journey time of no more than 247 minutes	2	247

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 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							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				-	-									2	Includes services via HoW Line only
Gowerton		GWN		-	-									2	Includes services via HoW Line only
Llanelli		LLE		-	-									2	Includes services via HoW Line only
Bynea		BYE		-	-									2	
Llangennech		LLH		-	-									2	
Pontarddulais		PTD		-	-									2	
Pantyyfynnon		PTF		-	-									2	
Ammanford		AMF		-	-									2	
Llandybie		LLI		-	-									2	
Ffairfach		FFA		-	-									2	
Llandello		LLL		-	-									2	
Llangadog		LLG		-	-									2	
Llanwrda		LNR		-	-									2	
Llandovery		LLV		-	-									2	
Cyngorhdy		CYN		-	-									2	
SugarLoaf		SUG		-	-									2	
Llanwrtyd		LNW		-	-									2	
Llangammarch		LLM		-	-									2	
Garth Powys		GTH		-	-									2	
Cilmeri		CIM		-	-									2	
Builth Road		BHR		-	-									2	
Llandrindod		LLO		-	-									2	
Pen Y Bont		PNY		-	-									2	
Dolau		DOL		-	-									2	
Llanbister Road		LLT		-	-									2	
Llangynllo		LGO		-	-									2	
Knucklas		KNU		-	-									2	
Knighton		KNI		-	-									2	
Bucknell		BUK		-	-									2	
Hopton Heath		HPT		-	-									2	
Broome		BME		-	-									2	
Craven Arms		CRV		-	-									2	Includes services via HoW Line only
Church Stretton		CTT		-	-									2	Includes services via HoW Line only
Shrewsbury		SHR		-	-									2	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	249	2 services from Swansea to Shrewsbury 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
2	71	2 services from Llanelli to Llandovery shall have a journey time of no more than 71 minutes	2	71	Of which 2 services shall have a journey time of no more than 71 minutes
2	97	2 services from Llandrindod to Shrewsbury shall have a journey time of no more than 97 minutes	2	97	Of which 2 services shall have a journey time of no more than 97 minutes

End

Wales and Borders Rail and South Wales Metro
Sundays TR 1a December 2021 SU
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Cambrian Line Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by WAB services departing from BHM during given timeband unless otherwise stated											Total Day
								H	I	J	K	L	M	N					
Birmingham International	BHI					1002	2320											15	
Birmingham New St	BHM							0	0	6	3	3	3	3	3	3	15		
Smethwick Galsbrough Bridge	SGB							0	0	6	3	3	3	3	3	3	15		
Sandwell & Dudley	SAD	1005	2324					0	0	0	0	0	0	0	0	0	0		
Wolverhampton	WVH							0	0	6	3	3	3	3	3	3	15		
Sturford	STA																		
Cannock	CNE																		
Bilbrook	BRK							0	0	2	0	0	1	2	3				
Coalville	CVL	1005	2324					0	0	2	0	0	1	2	3				
Aldridge	ALB							0	0	2	0	0	1	2	3				
Coventry	CGS	1005	2324					0	0	2	0	0	1	2	3				
Stoke	STH							0	0	2	0	0	1	2	3				
Telford Central	TFC	1005	2324					0	0	6	3	3	3	3	3	14			
Chalton	CHL	1005	2324					0	0	0	0	0	0	0	0	0	0		
Widnesley	WLD							0	0	6	3	3	3	3	3	14			
Strewsbury	SHR							0	0	6	3	3	3	3	3	14			

Number of services	Public Journey time (mins)	Journey times							
		R	S	T	U				
15	24	10 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 Strewsbury shall have a journey time of no more than 24 minutes	12	71	Of which 12 services shall have a journey time of no more than 71 minutes				

Station	A	B	C	D	E	F	G	Minimum number of calls at station by WAB services departing SHR during given timeband											Total Day
								H	I	J	K	L	M	N					
Strewsbury	SHR	dep						0	1	5	3	2	0	11			11		
Walsby	WSP	830	2125					0	1	5	3	2	0	11			11		
Shrewsbury	SHR	830	2125					0	1	5	3	2	0	11			11		
Caerwas	CWS	830	2125					0	1	5	3	2	0	11			11		
Machynellth	MCN	830	2125					0	1	5	3	2	0	11			11		

Number of services	Public Journey time (mins)	Journey times							
		R	S	T	U				
11	81	11 services from Strewsbury to Machynellth shall have a journey time of no more than 81 minutes	9	80	Of which 9 services shall have a journey time of no more than 80 minutes				

Station	A	B	C	D	E	F	G	Minimum number of calls at station by WAB services departing MCN during given timeband											Total Day
								H	I	J	K	L	M	N					
Machynellth	MCN							0	3	9	5	2	1	20			20		
Drove Junction	DVT	830	2245					0	3	9	5	2	1	20			20		
Booth	BMT	830	2245					0	3	9	5	2	1	20			20		
Row Street	ROW	830	2245					0	3	9	5	2	1	20			20		
Aberystwyth	AVW	830	2245					0	3	9	5	2	1	20			20		
Penhale	PHE							5	station calls per day								5		
Aberystwyth	AVW							5	station calls per day								5		
Tregynon	TRG							5	station calls per day								5		
Tylorstown	TYS							5	station calls per day								5		
Treherbert	TRE							5	station calls per day								5		
Ynys-ddu	YDD							5	station calls per day								5		
Ynys-y-wyd	YWY							5	station calls per day								5		
Ynys-gwyn	YGY							5	station calls per day								5		
Ynys-yr-ardud	YAY							5	station calls per day								5		
Ynys-y-rhydol	YRY							5	station calls per day								5		
Ynys-y-tyd	YTY							5	station calls per day								5		
Ynys-y-wern	YWY							5	station calls per day								5		
Ynys-y-wydd	YYW							5	station calls per day								5		
Ynys-y-wydd	YYW							5	station calls per day								5		
Ynys-y-wydd	YYW							5	station calls per day								5		
Ynys-y-wydd	YYW							5	station calls per day								5		
Ynys-y-wydd	YYW							5	station calls per day								5		
Ynys-y-wydd	YYW							5	station calls per day								5		
Ynys-y-wydd	YYW							5	station calls per day								5		
Ynys-y-wydd	YYW							5	station calls per day								5		
Ynys-y-wydd	YYW							5	station calls per day								5		

Number of services	Public Journey time (mins)	Journey times							
		R	S	T	U				
15	42	15 services from Machynellth to Aberystwyth shall have a journey time of no more than 42 minutes	12	38	Of which 12 services shall have a journey time of no more than 38 minutes				
5	123	5 services from Machynellth to Penhale shall have a journey time of no more than 123 minutes	4	122	Of which 4 services shall have a journey time of no more than 122 minutes				

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Cambrian Line Arrivals

Station	A	B	C	Early arrival at BHM from Stn no later than	Late arrival at BHM from Stn no earlier than	Early departure from BHM to Stn no later than	Late departure from BHM to Stn no earlier than	Minimum number of calls at station by W&B services arriving at BHM during given timeband unless otherwise stated							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	N		
								H	I	J	K	L	M			
Shrewsbury	SHR			9:19	22:25			0	1	6	3	3	2	15		
Wellington Salop	WLN			9:19	22:25			0	1	6	3	3	1	14		
Oakengates	OKN			9:19	21:30			0	1	1	0	1	0	3	Highlighted calls may be removed after May 2021	
Telford Central	TFC			9:19	22:25			0	1	6	3	3	1	14		
Shifnal	SHN			9:19	21:30			0	1	1	0	1	0	3	Highlighted calls may be removed after May 2021	
Codford	COS			9:19	21:30			0	1	1	0	1	0	3	Highlighted calls may be removed after May 2021	
Albrighton	ALB			9:19	21:30			0	1	1	0	1	0	3	Highlighted calls may be removed after May 2021	
Codball	CSL			9:19	21:30			0	1	1	0	1	0	3	Highlighted calls may be removed after May 2021	
Bitbrook	BBK			9:19	21:30			0	1	1	0	1	0	3	Highlighted calls may be removed after May 2021	
Crewe	CRE			-	-			-	-	-	-	-	-	-		
Stafford	STA			-	-			-	-	-	-	-	-	-		
Wolverhampton	WVH			9:19	22:25			0	1	6	3	3	2	15		
Sandwell & Dudley	SAD			-	-			0	0	0	0	0	0	0		
Smethwick Galton Bridge	SGB			9:19	22:25			0	1	6	3	3	2	15		
Birmingham New St	BHM					9:20	22:39	0	1	6	3	3	2	15		
Birmingham International	BHI							0	1	6	3	3	2	15	This row based on departure times from BHM.	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
15	72	15 services from Shrewsbury to Birmingham New St shall have a journey time of no more than 72 minutes	12	62	Of which 12 services shall have a journey time of no more than 62 minutes
15	23	15 services from Wolverhampton to Birmingham New St shall have a journey time of no more than 23 minutes	15	23	Of which 15 services shall have a journey time of no more than 23 minutes

Station	A	B	C	Early arrival at SHR from	Late arrival at SHR from	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at							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	N		
								H	I	J	K	L	M			
Machynlleth	MCN			10:45	21:15			0	0	6	3	2	0	11		
Caerws	CWS			10:45	21:15			0	0	6	3	2	0	11		
Newtown Powys	NWT			10:45	21:15			0	0	6	3	2	0	11		
Welshpool	WLP			10:45	21:15			0	0	6	3	2	0	11		
Shrewsbury	SHR							0	0	6	3	2	0	11		

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

Station	A	B	C	Early arrival at MCN from	Late arrival at MCN from	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at							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	N		
								H	I	J	K	L	M			
Pwllheli	PWL	dep		-	-			5 station calls per day							5	
Abererch	ABH			-	-			5 station calls per day							5	
Penychain	BPC			-	-			5 station calls per day							5	
Criccieth	CCC			-	-			5 station calls per day							5	
Porthmadog	PTM			-	-			5 station calls per day							5	
Plinllorod	PLF			-	-			5 station calls per day							5	
Penthyndraeth	PRH			-	-			5 station calls per day							5	
Llandecwyn	LLC			-	-			5 station calls per day							5	
Talsarnau	TAL			-	-			5 station calls per day							5	
Tywyn	TYG			-	-			5 station calls per day							5	
Harlech	HRL			-	-			5 station calls per day							5	
Llandanwg	LDN			-	-			5 station calls per day							5	
Pensarn	PES			-	-			5 station calls per day							5	
Llanbedr	LBR			-	-			5 station calls per day							5	
Dyffryn Ardudwy	DYF			-	-			5 station calls per day							5	
Talybont	TLB			-	-			5 station calls per day							5	
Llanaber	LLA			-	-			5 station calls per day							5	
Barmouth	BRM			-	-			5 station calls per day							5	
Morfa Mawddach	MFA			-	-			5 station calls per day							5	
Fairbourne	FRB			-	-			5 station calls per day							5	
Llwyngwril	LLW			-	-			5 station calls per day							5	
Tonfennau	TNF			-	-			5 station calls per day							5	
Tywyn	TYW			-	-			5 station calls per day							5	
Aberdovey	AVY			-	-			5 station calls per day							5	
Penhelig	PHG			-	-			5 station calls per day							5	
Aberystwyth	AYW			9:30	23:50			0	1	6	3	3	2	15		
Bow Street	BOW			9:30	23:50			0	1	6	3	3	2	15	Services should call at Bow Street from March 2020	
Borth	BRH			9:30	23:50			0	1	6	3	3	2	15		
Dovey Junction	DVY			9:30	23:50			0	1	8	5	4	2	20	10:00-16:59 may reduce by 1 service outside of Summer Timetable, 19:00-21:59 may reduce by 1 service outside of Summer Timetable	
Machynlleth	MCN	arr						0	1	8	5	4	2	20	10:00-16:59 may reduce by 1 service outside of Summer Timetable, 19:00-21:59 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
5	149	5 services from Pwllheli to Machynlleth shall have a journey time of no more than 149 minutes	4	148	Of which 4 services shall have a journey time of no more than 148 minutes
15	44	15 services from Aberystwyth to Machynlleth shall have a journey time of no more than 44 minutes	13	38	Of which 13 services shall have a journey time of no more than 38 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

North Wales Departures

Station	Early departure from MAN to Stn no later than		Late departure from MAN to Stn no earlier than		Early departure from LIV to Stn no later than		Late departure from LIV to Stn no earlier than		Minimum number of calls at station by W&B services departing MAN or LIV during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
	A	B	C	D	E	F	G	0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		
	H	I	J	K	L	M	N									
Manchester Airport	MIA							0	0	0	0	0	0	0	0	Based on arrival times at MAN
Manchester Piccadilly	MAN							0	3	6	3	3	2	17	First service from MAN may be provided by bus	
Manchester Oxford Road	MCO	7:20	23:25					0	3	6	3	3	2	17	First service from MAN may be provided by bus	
Newton Le Willows	NLW	7:20	23:25					0	3	6	3	3	2	17	First service from MAN may be provided by bus	
Earlestown	ERL	7:20	23:25					0	3	6	3	3	2	17	First service from MAN may be provided by bus	
Warrington Bank Quay	WBQ	7:20	23:25					0	3	6	3	3	2	17	First service from MAN may be provided by bus	
Runcorn East	RUE	7:20	23:25					0	3	6	3	3	2	17	First service from MAN may be provided by bus	
Liverpool Lime Street	LIV							0	1	6	3	3	1	14		
Liverpool South Parkway	LPY			9:45	22:15			0	1	6	3	3	1	14		
Runcorn	RUN			9:45	22:15			0	1	6	3	3	1	14		
Frodsham	FRD	7:20	23:25	9:45	22:15			0	4	12	6	6	3	31	First service from MAN may be provided by bus;	
Hebby	HSB	7:20	23:25	9:45	22:15			0	4	12	6	6	3	31	First service from MAN may be provided by bus;	
Chester	CTR	7:20	23:25	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)		Number of services	Public journey time (mins)	
P	Q	R	S	T	
17	64	17 services from Manchester Piccadilly to Warrington Bank Quay shall have a journey time of no more than 64 minutes	15	36	Of which 15 services shall have a journey time of no more than 36 minutes
17	127	17 services from Manchester Piccadilly to Chester shall have a journey time of no more than 127 minutes	15	67	Of which 15 services shall have a journey time of no more than 67 minutes

Station	Early departure from CTR to Stn no later than		Late departure from CTR to Stn no earlier than		Early arrival at CTR from Stn no later than		Late arrival at CTR from Stn no earlier than		Minimum number of calls at station by W&B services departing CTR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
	A	B	C	D	E	F	G	0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		
	H	I	J	K	L	M	N									
Services between CRE and CTR specified below based on arrival time at CTR																
Crews	CRE					8:51	0:20	0	2	11	4	3	6	26	Based on arrival times at CTR	
Services below based on departure time from CTR																
Chester	CTR	dep						1	2	4	5	1	3	16	02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-09:59 may reduce by 1 services outside of Summer Timetable	
Shotton	SHT	9:50	23:00					0	1	4	5	1	2	13		
Flint	FLN	6:20	0:33					1	2	4	5	1	3	16	02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-09:59 may reduce by 1 services outside of Summer Timetable	
Presatyn	PRT	6:20	0:33					1	2	4	5	1	3	16	02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-09:59 may reduce by 1 services outside of Summer Timetable	
Rhyl	RHL	6:20	0:33					1	2	4	5	1	3	16	02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-09:59 may reduce by 1 services outside of Summer Timetable	
Abergele & Pensarn	AGL	9:50	22:00					0	1	3	5	1	1	11		
Colwyn Bay	CWB	6:20	0:33					1	2	4	5	1	3	16	02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-09:59 may reduce by 1 services outside of Summer Timetable	
Llandudno Junction	LLJ	6:20	0:33					1	2	4	5	1	3	16	Conwy Valley services from BFF excluded. See table below for all LLJ to LLD departures. 02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-09:59 may reduce by 1 services outside of Summer Timetable	
Deganwy	DGY	-	-					0	0	0	0	0	0	0	Through services from CTR only	
Llandudno	LLD	-	-					0	0	0	0	0	0	0	Through services from CTR only	
Conwy	CNW	9:50	23:00					0	1	2	4	1	1	9		
Pennanmawr	PNW	9:50	23:00					0	1	2	4	1	1	9		
Llanfyllterhan	LFP	9:50	23:00					0	1	2	4	1	1	9		
Bangor Gwynedd	BNG	6:20	0:33					1	2	4	5	1	3	16	02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-09:59 may reduce by 1 services outside of Summer Timetable	
Llandrigwyll	LPG	9:50	22:00					0	1	1	2	0	1	5		
Bodorgan	BOR	9:50	22:00					0	1	1	2	0	1	5		
Ty Croes	TYC	9:50	22:00					0	1	1	2	0	1	5		
Rhosneigr	RHO	9:50	22:00					0	1	1	2	0	1	5		
Valley	VAL	9:50	22:00					0	1	1	2	0	1	5		
Holyhead	HHD	6:20	0:33					1	2	4	5	1	3	16	02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-09:59 may reduce by 1 services 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	
26	29	26 services from Chester to Crews shall have a journey time of no more than 29 minutes	26	29	Of which 26 services shall have a journey time of no more than 29 minutes
16	59	16 services from Chester to Llandudno Junction shall have a journey time of no more than 59 minutes	12	56	Of which 12 services shall have a journey time of no more than 56 minutes
0	0	0 services from Chester to Llandudno 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.
16	81	16 services from Chester to Bangor Gwynedd shall have a journey time of no more than 81 minutes	13	79	Of which 13 services shall have a journey time of no more than 79 minutes
16	122	16 services from Chester to Holyhead shall have a journey time of no more than 122 minutes	14	114	Of which 14 services shall have a journey time of no more than 114 minutes

Station	Early arrival at LLJ from Stn no later than		Late arrival at LLJ from Stn no earlier than		Early departure from LLJ to Stn no later than		Late departure from LLJ to Stn no earlier than		Minimum number of calls at station by W&B services from BFF to LLJ and LLJ to LLD arriving at / departing from LLJ during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
	A	B	C	D	E	F	G	0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		
	H	I	J	K	L	M	N									
Blaenau Ffestiniog	BFF	12:41	19:00					0	0	1	2	1	0	4		
Roman Bridge	RMB	12:41	19:00					0	0	1	2	1	0	4		
Dolwyddelan	DWD	12:41	19:00					0	0	1	2	1	0	4		
Pont Y Pant	PYP	12:41	19:00					0	0	1	2	1	0	4		
Betws Y Coed	BYC	12:41	19:00					0	0	1	2	1	0	4		
Llanrwst	LWR	12:41	19:00					0	0	1	2	1	0	4		
North Llanrwst	NLR	12:41	19:00					0	0	1	2	1	0	4		
Dolgarrrog	DLG	12:41	19:00					0	0	1	2	1	0	4		
Fa Y Castell	TYC	12:41	19:00					0	0	1	2	1	0	4		
Glan Conwy	GCW	12:41	19:00					0	0	1	2	1	0	4		
Llandudno Junction	LLJ	arr	12:41	19:00				0	0	1	2	1	0	4		
Llandudno Junction	LLJ	dep			10:00	19:00		0	0	10	5	1	0	16	All LLJ to LLD services.	
Deganwy	DGY				10:00	19:00		0	0	10	5	1	0	16	All LLJ to LLD services.	
Llandudno	LLD				10:00	19:00		0	0	10	5	1	0	16	All LLJ to LLD services.	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	
4	63	4 services from Blaenau Ffestiniog to Llandudno Junction shall have a journey time of no more than 63 minutes	4	63	Of which 4 services shall have a journey time of no more than 63 minutes
16	13	16 services from Llandudno Junction to Llandudno 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

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 1b December 2021 SU
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

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 LIV 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	N		
								H	I	J	K	L	M			
Chester	CTR			8:55	23:25	9:44	22:15	0	3	12	6	6	3	30		
Helsby	HSB			8:55	23:25	9:44	22:15	0	3	12	6	6	3	30		
Frodsham	FRD			8:55	23:25	9:44	22:15	0	3	12	6	6	3	30		
Runcorn	RUN					9:44	22:15	0	1	6	3	3	1	14		
Liverpool South Parkway	LSP					9:44	22:15	0	1	6	3	3	1	14		
Liverpool Lime Street	LIV							0	1	6	3	3	1	14		
Runcorn East	RIE			8:55	23:25			0	2	6	3	3	2	16		
Warrington Bank Quay	WBQ			8:55	23:25			0	2	6	3	3	2	16		
Earlestown	ERL			8:55	23:25			0	2	6	3	3	2	16		
Newton Le Willows	NLW			8:55	23:25			0	2	6	3	3	2	16		
Manchester Oxford Road	MCO			8:55	23:25			0	2	6	3	3	2	16		
Manchester Piccadilly	MAN							0	2	6	3	3	2	16		
Manchester Airport	MIA							0	0	0	0	0	0	0		

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
16	67	16 services from Chester to Manchester Piccadilly shall have a journey time of no more than 67 minutes	12	64	Of which 12 services shall have a journey time of no more than 64 minutes
16	39	16 services from Warrington Bank Quay to Manchester Piccadilly shall have a journey time of no more than 39 minutes	12	37	Of which 12 services shall have a journey time of no more than 37 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CTR during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	N		
								H	I	J	K	L	M			
Holyhead	HHD			8:57	23:15			0	2	2	3	3	2	12	07:00-09:59 may reduce to 0 services outside of Summer Timetable.	
Valley	VAL			9:40	22:30			0	1	1	2	2	1	7	07:00-09:59 may reduce to 0 services outside of Summer Timetable; 19:00-21:59 may reduce by 1 service outside of Summer Timetable	
Rhosneigr	RHO			9:40	22:30			0	1	1	2	2	1	7	07:00-09:59 may reduce to 0 services outside of Summer Timetable; 19:00-21:59 may reduce by 1 service outside of Summer Timetable	
Ty Croes	TYC			9:40	22:30			0	1	1	2	2	1	7	07:00-09:59 may reduce to 0 services outside of Summer Timetable; 19:00-21:59 may reduce by 1 service outside of Summer Timetable	
Bodegyn	BOD			9:40	22:30			0	1	1	2	2	1	7	07:00-09:59 may reduce to 0 services outside of Summer Timetable; 19:00-21:59 may reduce by 1 service outside of Summer Timetable	
Llanfairpwll	LFP			9:40	22:30			0	1	1	2	2	1	7	07:00-09:59 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			8:57	23:15			0	2	2	3	3	2	12	07:00-09:59 may reduce to 0 services outside of Summer Timetable.	
Llanfairfechan	LLF			9:40	22:30			0	1	1	1	2	1	6	07:00-09:59 may reduce to 0 services outside of Summer Timetable.	
Pennaenmawr	PMW			9:40	22:30			0	1	1	1	2	1	6	07:00-09:59 may reduce to 0 services outside of Summer Timetable.	
Conwy	CNW			9:40	22:30			0	1	1	1	2	1	6	07:00-09:59 may reduce to 0 services outside of Summer Timetable.	
Llandudno	LLD			-	-			0	0	0	0	0	0	0	Through services towards CTR only	
Deganwy	DGY			-	-			0	0	0	0	0	0	0	Through services towards CTR only	
Llandudno Junction	LLJ			8:57	23:15			0	2	2	3	3	2	12	Conwy valley services to BFF excluded. See table below for all LLD-LLJ arrivals. 07:00-09:59 may reduce to 0 services outside of Summer Timetable.	
Colwyn Bay	CWB			8:57	23:15			0	2	2	3	3	2	12	07:00-09:59 may reduce to 0 services outside of Summer Timetable.	
Abergele & Pensarn	AGL			8:57	22:30			0	1	2	3	3	1	10	07:00-09:59 may reduce to 0 services outside of Summer Timetable.	
Rhyl	RHL			8:57	23:15			0	2	2	3	3	2	12	07:00-09:59 may reduce to 0 services outside of Summer Timetable.	
Prestatyn	PRT			8:57	23:15			0	1	2	3	3	2	11	07:00-09:59 may reduce to 0 services outside of Summer Timetable.	
Flint	FLN			8:57	23:15			0	1	2	3	3	2	11	07:00-09:59 may reduce to 0 services outside of Summer Timetable.	
Shotton	SHT			8:57	22:30			0	2	2	3	3	1	11	07:00-09:59 may reduce to 0 services outside of Summer Timetable.	
Chester	CTR arr							0	2	2	3	3	2	12	07:00-09:59 may reduce to 0 services outside of Summer Timetable.	
Services between CTR and CRE specified below based on departure time from CTR																
Crewa	CRE					7:56	23:00	0	5	9	5	6	2	27	Based on departure times at CTR 07:00-09:59 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	135	12 services from Holyhead to Chester shall have a journey time of no more than 135 minutes	10	120	Of which 10 services shall have a journey time of no more than 120 minutes
12	92	12 services from Bangor Gwynedd to Chester 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
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.
12	67	12 services from Llandudno Junction to Chester shall have a journey time of no more than 67 minutes	9	59	Of which 9 services shall have a journey time of no more than 59 minutes
27	29	27 services from Crewa to Chester shall have a journey time of no more than 29 minutes	24	28	Of which 24 services shall have a journey time of no more than 28 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services from LLD to LLJ and LLJ to BFF arriving at (departing from LLJ) during given timeband							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	N		
								H	I	J	K	L	M			
Llandudno	LLD			10:31	19:05			0	0	10	4	1	0	15	All LLD to LLJ services.	
Deganwy	DGY			10:31	19:05			0	0	10	4	1	0	15	All LLD to LLJ services.	
Llandudno Junction	LLJ arr			10:31	19:05			0	0	10	4	1	0	15	All LLD to LLJ services.	
Llandudno Junction	LLJ dep					10:32	19:05	0	0	2	1	1	0	4		
Glan Conwy	GCW					10:32	19:05	0	0	2	1	1	0	4		
Tal Y Cain	TLC					10:32	19:05	0	0	2	1	1	0	4		
Dolgarrog	DLG					10:32	19:05	0	0	2	1	1	0	4		
North Llanwrst	NLR					10:32	19:05	0	0	2	1	1	0	4		
Llanwrst	LWR					10:32	19:05	0	0	2	1	1	0	4		
Betws Y Coed	BYC					10:32	19:05	0	0	2	1	1	0	4		
Point Y Pant	PYP					10:32	19:05	0	0	2	1	1	0	4		
Dolwyddelan	DWD					10:32	19:05	0	0	2	1	1	0	4		
Roman Bridge	RMB					10:32	19:05	0	0	2	1	1	0	4		
Blaenau Ffestiniog	BFF					10:32	19:05	0	0	2	1	1	0	4		

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
15	13	15 services from Llandudno to Llandudno Junction shall have a journey time of no more than 13 minutes	15	13	Of which 15 services shall have a journey time of no more than 13 minutes
4	62	4 services from Llandudno Junction to Blaenau Ffestiniog shall have a journey time of no more than 62 minutes	4	62	Of which 4 services shall have a journey time of no more than 62 minutes

End