Train Service Requirements

Wales and Borders Rail Service and South Wales Metr Sundays TSR 2a December 2024 S

Confidentiality	TBC
Version	Final
Date	5/23/2018

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

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 (LLJ)
- Liverpool Lime Street (LIV)
- Manchester Piccadilly (MAN)
- Birmingham New Street (BHM)

Compliance and Flexibility

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

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 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

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 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

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 Jnuction and Bangor.

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

Cambrian Line

A minimum of 8 direct services per day shall be provided eastbound between Aberwystwyth 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 Aberwystwyth. 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 Aberwystwyth - 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

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Journey Times for Through Services

Journey times							
From	**To**	**Number of services**	**Public journey time (mins)**		**Number of services**	**Public journey time (mins)**	
Cardiff Central	Crewe	12	172	12 services from Cardiff Central to Crewe shall have a journey time of no more than 172 minutes	9	165	Of which 9 services shall have a journey time of no more than 165 minutes
Cardiff Central	Manchester Piccadilly	11	217	11 services from Cardiff Central to Manchester Piccadilly shall have a journey time of no more than 217 minutes	9	204	Of which 9 services shall have a journey time of no more than 204 minutes
Manchester Piccadilly	Cardiff Central	12	221	12 services from Manchester Piccadilly to Cardiff Central shall have a journey time of no more than 221 minutes	9	202	Of which 9 services shall have a journey time of no more than 202 minutes
Crewe	Cardiff Central	12	175	12 services from Crewe to Cardiff Central shall have a journey time of no more than 175 minutes	9	161	Of which 9 services shall have a journey time of no more than 161 minutes
Cardiff Central	Wrexham	3	177	3 services from Cardiff Central to Wrexham shall have a journey time of no more than 177 minutes	3	177	Of which 3 services shall have a journey time of no more than 177 minutes
Cardiff Central	Chester	4	195	4 services from Cardiff Central to Chester shall have a journey time of no more than 195 minutes	3	194	Of which 3 services shall have a journey time of no more than 194 minutes
Cardiff Central	Llandudno Junction	2	243	2 services from Cardiff Central to Llandudno Junction shall have a journey time of no more than 243 minutes	2	243	Of which 2 services shall have a journey time of no more than 243 minutes
Cardiff Central	Bangor	2	266	2 services from Cardiff Central to Bangor shall have a journey time of no more than 266 minutes	2	266	Of which 2 services shall have a journey time of no more than 266 minutes
Cardiff Central	Holyhead	2	300	2 services from Cardiff Central to Holyhead shall have a journey time of no more than 300 minutes	2	300	Of which 2 services shall have a journey time of no more than 300 minutes
Holyhead	Cardiff Central	2	305	2 services from Holyhead to Cardiff Central shall have a journey time of no more than 305 minutes	2	305	Of which 2 services shall have a journey time of no more than 305 minutes
Bangor	Cardiff Central	2	270	2 services from Bangor to Cardiff Central shall have a journey time of no more than 270 minutes	2	270	Of which 2 services shall have a journey time of no more than 270 minutes
Llandudno Junction	Cardiff Central	2	249	2 services from Llandudno Junction to Cardiff Central shall have a journey time of no more than 249 minutes	2	249	Of which 2 services shall have a journey time of no more than 249 minutes
Chester	Cardiff Central	3	199	3 services from Chester to Cardiff Central shall have a journey time of no more than 199 minutes	3	199	Of which 3 services shall have a journey time of no more than 199 minutes
Wrexham	Cardiff Central	3	182	3 services from Wrexham to Cardiff Central shall have a journey time of no more than 182 minutes	3	182	Of which 3 services shall have a journey time of no more than 182 minutes
Swansea	Shrewsbury	11	189	11 services from Swansea to Shrewsbury shall have a journey time of no more than 189 minutes	10	180	Of which 10 services shall have a journey time of no more than 180 minutes
Swansea	Crewe	10	224	10 services from Swansea to Crewe shall have a journey time of no more than 224 minutes	8	216	Of which 8 services shall have a journey time of no more than 216 minutes
Swansea	Manchester Piccadilly	10	269	10 services from Swansea to Manchester Piccadilly shall have a journey time of no more than 269 minutes	8	260	Of which 8 services shall have a journey time of no more than 260 minutes
Manchester Piccadilly	Swansea	11	262	11 services from Manchester Piccadilly to Swansea shall have a journey time of no more than 262 minutes	10	258	Of which 10 services shall have a journey time of no more than 258 minutes
Crewe	Swansea	11	219	11 services from Crewe to Swansea shall have a journey time of no more than 219 minutes	9	216	Of which 9 services shall have a journey time of no more than 216 minutes
Shrewsbury	Swansea	11	184	11 services from Shrewsbury to Swansea shall have a journey time of no more than 184 minutes	9	179	Of which 9 services shall have a journey time of no more than 179 minutes
Birmingham New Street	Wrexham	5	107	5 services from Birmingham New Street to Wrexham shall have a journey time of no more than 107 minutes	4	101	Of which 4 services shall have a journey time of no more than 101 minutes
Birmingham New Street	Chester	7	128	7 services from Birmingham New Street to Chester shall have a journey time of no more than 128 minutes	6	126	Of which 6 services shall have a journey time of no more than 126 minutes
Birmingham New Street	Llandudno Junction	1	186	1 services from Birmingham New Street to Llandudno Junction shall have a journey time of no more than 186 minutes	1	186	Of which 1 services shall have a journey time of no more than 186 minutes
Birmingham New Street	Bangor	1	206	1 services from Birmingham New Street to Bangor shall have a journey time of no more than 206 minutes	1	206	Of which 1 services shall have a journey time of no more than 206 minutes
Birmingham New Street	Holyhead	1	237	1 services from Birmingham New Street to Holyhead shall have a journey time of no more than 237 minutes	1	237	Of which 1 services shall have a journey time of no more than 237 minutes
Holyhead	Birmingham New Street	1	216	1 services from Holyhead to Birmingham New Street shall have a journey time of no more than 216 minutes	1	216	Of which 1 services shall have a journey time of no more than 216 minutes
Bangor	Birmingham New Street	1	181	1 services from Bangor to Birmingham New Street shall have a journey time of no more than 181 minutes	1	181	Of which 1 services shall have a journey time of no more than 181 minutes
Llandudno Junction	Birmingham New Street	1	163	1 services from Llandudno Junction to Birmingham New Street shall have a journey time of no more than 163 minutes	1	163	Of which 1 services shall have a journey time of no more than 163 minutes
Chester	Birmingham New Street	7	128	7 services from Chester to Birmingham New Street shall have a journey time of no more than 128 minutes	6	117	Of which 6 services shall have a journey time of no more than 117 minutes
Wrexham	Birmingham New Street	7	111	7 services from Wrexham to Birmingham New Street shall have a journey time of no more than 111 minutes	6	103	Of which 6 services shall have a journey time of no more than 103 minutes
Blaenau Ffestiniog	Llandudno	5	90	5 services from Blaenau Ffestiniog to Llandudno shall have a journey time of no more than 90 minutes	4	87	Of which 4 services shall have a journey time of no more than 87 minutes
Llandudno	Blaenau Ffestiniog	4	87	4 services from Llandudno to Blaenau Ffestiniog shall have a journey time of no more than 87 minutes	3	85	Of which 3 services shall have a journey time of no more than 85 minutes
Aberwystwyth	Shrewsbury	11	110	11 services from Aberwystwyth to Shrewsbury shall have a journey time of no more than 110 minutes	10	108	Of which 10 services shall have a journey time of no more than 108 minutes
Aberwystwyth	Birmingham New Street	6	189	6 services from Aberwystwyth 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	Aberwystwyth	6	198	6 services from Birmingham New Street to Aberwystwyth shall have a journey time of no more than 198 minutes	5	185	Of which 5 services shall have a journey time of no more than 185 minutes
Shrewsbury	Aberwystwyth	11	117	11 services from Shrewsbury to Aberwystwyth shall have a journey time of no more than 117 minutes	9	114	Of which 9 services shall have a journey time of no more than 114 minutes
Pwhelli	Shrewsbury	3	225	3 services from to shall have a journey time of no more than 225 minutes	2	224	Of which 2 services shall have a journey time of no more than 224 minutes
Pwhelli	Birmingham New Street	3	297	3 services from to shall have a journey time of no more than 297 minutes	2	296	Of which 2 services shall have a journey time of no more than 296 minutes
Birmingham New Street	Pwhelli	3	298	3 services from to shall have a journey time of no more than 298 minutes	2	295	Of which 2 services shall have a journey time of no more than 295 minutes
Shrewsbury	Pwhelli	3	235	3 services from to shall have a journey time of no more than 235 minutes	2	231	Of which 2 services shall have a journey time of no more than 231 minutes
Manchester Piccadilly	Chester	17	127	17 services from Manchester Piccadilly to Chester shall have a journey time of no more than 127 minutes	13	64	Of which 13 services shall have a journey time of no more than 64 minutes
Manchester Piccadilly	Llandudno Junction	5	117	5 services from Manchester Piccadilly to Llandudno Junction shall have a journey time of no more than 117 minutes	5	117	Of which 5 services shall have a journey time of no more than 117 minutes
Llandudno Junction	Manchester Piccadilly	8	116	8 services from Llandudno Junction to Manchester Piccadilly shall have a journey time of no more than 116 minutes	8	116	Of which 8 services shall have a journey time of no more than 116 minutes
Chester	Manchester Piccadilly	16	59	16 services from Chester to Manchester Piccadilly shall have a journey time of no more than 59 minutes	14	58	Of which 14 services shall have a journey time of no more than 58 minutes
Fishguard Harbour	Swansea	1	98	1 services from Fishguard Harbour to Swansea shall have a journey time of no more than 198 minutes	1	98	Of which 1 services shall have a journey time of no more than 198 minutes
Milford Haven	Swansea	4	108	4 services from Milford Haven to Swansea shall have a journey time of no more than 108 minutes	4	108	Of which 4 services shall have a journey time of no more than 108 minutes
Pembroke Dock	Swansea	3	139	3 services from Pembroke Dock to Swansea shall have a journey time of no more than 139 minutes	3	139	Of which 3 services shall have a journey time of no more than 139 minutes
Swansea	Fishguard Harbour	3	108	3 services from Swansea to Fishguard Harbour shall have a journey time of no more than 108 minutes	3	108	Of which 3 services shall have a journey time of no more than 108 minutes
Swansea	Milford Haven	5	124	5 services from Swansea to Milford Haven shall have a journey time of no more than 124 minutes	4	118	Of which 4 services shall have a journey time of no more than 118 minutes
Swansea	Pembroke Dock	3	136	3 services from Swansea to Pembroke Dock shall have a journey time of no more than 136 minutes	3	136	Of which 3 services shall have a journey time of no more than 136 minutes
Fishguard Harbour	Cardiff Central	2	157	2 services from Fishguard Harbour to Cardiff Central shall have a journey time of no more than 157 minutes	2	157	Of which 2 services shall have a journey time of no more than 157 minutes
Milford Haven	Cardiff Central	4	173	4 services from Milford Haven to Cardiff Central shall have a journey time of no more than 173 minutes	3	172	Of which 3 services shall have a journey time of no more than 172 minutes
Cardiff Central	Milford Haven	6	210	6 services from Cardiff Central to Milford Haven shall have a journey time of no more than 210 minutes	5	201	Of which 5 services shall have a journey time of no more than 201 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU
Confidentiality: TBC
Version: Final
Date: 5/23/2018

The following stations are to be assumed to be request stops wherever a train is nominated to stop

Abererch
Bodorgan
Broome
Builth Road
Bynea
Cilmeri
Clarbeston Road
Clunderwen
Conwy
Cynghordy
Deganwy
Dolgarrog
Dolwyddelan
Dyffryn Ardudwy
Fairfach
Ferryside
Garth (Powys)
Gilfach Fargoed (until station is closed as part of CVL transformation)
Glan Conwy
Hawarden Bridge
Hopton Heath
Johnston
Kidwelly
Kilgetty
Lamphey
Llanaber
Llanbedr
Llanbister Road
Llandanwg
Llandecwyn
Llanfairfechan
Llanfairpwll
Llangammarch
Llangennech
Llangynllo
Llwyngwril
Morfa Mawddach
Narberth
North Llanwrst
Penally
Penhelig
Penmaenmawr
Pensarn

Pen-y-bont
Penychain
Pontarddulais
Pont-y-pant
Prees
Rhosneigr
Roman Bridge
Saundersfoot
Sugar Loaf
Talsarnau
Talybont
Tonfanau
Ty Croes
Valley
Wrenbury
Yorton
End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Cardiff West Departures

Station			Early departure from CDF to stn no later than	Late departure from CDF to stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	Journey times					
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Cardiff Central	CDF						0	5	12	6	7	2	32	The first service 0700-0959 may run Summer only						
Pontyclun	PYC		7:35	20:15			0	4	7	3	2	0	16							
Llanharan	LLR		7:35	20:15			0	4	7	3	2	0	16							
Pencoed	PCD		7:35	20:15			0	4	7	3	2	0	16							
Bridgend	BGN		7:20	22:30			0	5	12	6	7	2	32	Excludes services via RIA. The first service 0700-0959 may run Summer only.	*32*	*29*	32 services from Cardiff Central to Bridgend shall have a journey time of no more than 29 minutes	*27*	*27*	Of which 27 services shall have a journey time of no more than 27 minutes
Wildmill	WMI		7:35	20:15			0	3	6	3	2	0	14							
Sarn	SRR		7:35	20:15			0	3	6	3	2	0	14							
Tondu	TDU		7:35	20:15			0	3	6	3	2	0	14							
Garth Mid Glam	GMG		7:35	20:15			0	3	6	3	2	0	14							
Maesteg Eweny Rd	MEW		7:35	20:15			0	3	6	3	2	0	14							
Maesteg	MST		7:35	20:15			0	3	6	3	2	0	14		*14*	*50*	14 services from Cardiff Central to Maesteg shall have a journey time of no more than 50 minutes	*11*	*48*	Of which 11 services shall have a journey time of no more than 48 minutes
Pyle	PYL		9:58	22:30			0	1	5	3	5	1	15							
Port Talbot Parkway	PTA		7:20	22:30			0	2	6	3	5	2	18	The first service 0700-0959 may run Summer only						
Baglan	BAJ		:	-			0	0	0	0	0	0	0							
Briton Ferry	BNF		:	-			0	0	0	0	0	0	0							
Neath	NTH		7:20	22:30			0	2	5	3	5	2	17	The first service 0700-0959 may run Summer only						
Skewen	SKE		:	-			0	0	0	0	0	0	0							
Llansamlet	LAS		:	-			0	0	0	0	0	0	0							
Swansea	SWA		7:20	22:30			0	2	5	3	5	2	17	The first service 0700-0959 may run Summer only	*17*	*64*	17 services from Cardiff Central to Swansea shall have a journey time of no more than 64 minutes	*13*	*61*	Of which 13 services shall have a journey time of no more than 61 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Cardiff West Arrivals

Station			Early arrival at CDF from Stn no later than	Late arrival at CDF from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Swansea	SWA		9:59	0:30			0	1	5	4	2	2	14	
Llansamlet	LAS		:	-			0	0	0	0	0	0	0	
Skewen	SKE		:	-			0	0	0	0	0	0	0	
Neath	NTH		9:59	0:30			0	1	5	4	2	2	14	
Briton Ferry	BNF		:	-			0	0	0	0	0	0	0	
Baglan	BAJ		:	-			0	0	0	0	0	0	0	
Port Talbot Parkway	PTA		9:59	0:30			0	1	5	4	2	2	14	
Pyle	PYL		9:59	0:30			0	1	5	4	1	2	13	
Maesteg	MST		9:01	20:00			0	1	6	3	3	1	14	
Maesteg Eweny Rd	MEW		9:01	20:00			0	1	6	3	3	1	14	
Garth Mid Glam	GMG		9:01	20:00			0	1	6	3	3	1	14	
Tondu	TDU		9:01	20:00			0	1	6	3	3	1	14	
Sarn	SRR		9:01	20:00			0	1	6	3	3	1	14	
Wildmill	WMI		9:01	20:00			0	1	6	3	3	1	14	
Bridgend	BGN		9:01	0:30			0	2	11	7	5	3	28	Excludes services via RIA.
Pencoed	PCD		9:01	18:30			0	1	6	3	3	1	14	
Llanharan	LLR		9:01	18:30			0	1	6	3	3	1	14	
Pontyclun	PYC		9:01	18:30			0	1	6	3	3	1	14	
Cardiff Central	CDF						0	2	11	7	5	3	28	

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

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU
Confidentiality: TBC
Version: Final
Date: 5/23/2018

Cardiff South Departures

Station			Early departure from CDF to stn no later than	Late departure from CDF to stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Cardiff Central	CDF	*dep*					0	10	39	20	18	3	90	
Ninian Park	NNP		9:00	22:00			0	3	12	6	6	1	28	
Waungron Park	WNG		9:00	22:00			0	3	12	6	6	1	28	
Fairwater	FRW		9:00	22:00			0	3	12	6	6	1	28	
Danescourt	DCT		9:00	22:00			0	3	12	6	6	1	28	
Radyr	RDR		9:00	22:00			0	3	12	6	6	1	28	Stopping services on City Line via FRW only
Grangetown (Cardiff)	GTN		8:25	22:25			0	7	27	14	12	2	62	
Dingle Road	DGL		9:15	21:51			0	2	12	6	6	1	27	
Penarth	PEN		9:15	21:51			0	2	12	6	6	1	27	
Cogan	CGN		8:25	22:25			0	5	15	8	6	1	35	
Eastbrook	EBK		8:25	22:25			0	5	15	8	6	1	35	
Dinas Powys	DNS		8:25	22:25			0	5	15	8	6	1	35	
Cadoxton	CAD		8:25	22:25			0	5	15	8	6	1	35	
Barry Docks	BYD		8:25	22:25			0	5	15	8	6	1	35	
Barry	BRY		8:25	22:25			0	5	15	8	6	1	35	
Barry Island	BYI		8:25	22:25			0	4	12	6	5	1	28	
Rhoose Cardiff International Airp	RIA		8:40	20:40			0	1	3	2	1	0	7	
Llantwit Major	LWM		8:40	20:40			0	1	3	2	1	0	7	
Bridgend	BGN	*arr*	8:40	20:40			0	1	3	2	1	0	7	Services via RIA only

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
28	*15*	28 services from Cardiff Central to Radyr shall have a journey time of no more than 15 minutes	*28*	*15*	Of which 28 services shall have a journey time of no more than 15 minutes
27	*13*	27 services from Cardiff Central to Penarth shall have a journey time of no more than 13 minutes	*27*	*13*	Of which 27 services shall have a journey time of no more than 13 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	*61*	7 services from Cardiff Central to Bridgend shall have a journey time of no more than 61 minutes	*7*	*61*	Of which 7 services shall have a journey time of no more than 61 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Cardiff South Arrivals

Station			Early arrival at CDF from Stn no later than	Late arrival at CDF from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Bridgend	BGN		10:40	22:40			0	0	6	3	2	1	12	Services via RIA only
Llantwit Major	LWM		10:40	22:40			0	0	6	3	2	1	12	
Rhoose Cardiff International Ai	RIA		10:40	22:40			0	0	6	3	2	1	12	
Barry Island	BYI		9:25	23:25			0	1	12	6	6	2	27	
Barry	BRY		9:25	23:25			0	1	18	9	8	3	39	
Barry Docks	BYD		9:25	23:25			0	1	18	9	8	3	39	
Cadoxton	CAD		9:25	23:25			0	1	18	9	8	3	39	
Dinas Powys	DNS		9:25	23:25			0	1	18	9	8	3	39	
Eastbrook	EBK		9:25	23:25			0	1	18	9	8	3	39	
Cogan	CGN		9:25	23:25			0	1	18	9	8	3	39	
Penarth	PEN		9:20	22:00			0	2	12	6	6	1	27	
Dingle Road	DGL		9:20	22:00			0	2	12	6	6	1	27	
Grangetown (Cardiff)	GTN		9:20	23:25			0	3	30	15	14	4	66	
Radyr	RDR		9:00	22:10			0	3	12	6	6	1	28	Stopping services on City Line via FRW only
Danescourt	DCT		9:00	22:10			0	3	12	6	6	1	28	
Fairwater	FRW		9:00	22:10			0	3	12	6	6	1	28	
Waungron Park	WNG		9:00	22:10			0	3	12	6	6	1	28	
Ninian Park	NNP		9:00	22:10			0	3	12	6	6	1	28	
Cardiff Central	CDF						0	6	42	21	20	5	94	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
12	61	12 services from Bridgend to Cardiff Central shall have a journey time of no more than 61 minutes	12	61	Of which 12 services shall have a journey time of no more than 61 minutes
27	34	27 services from Barry Island to Cardiff Central shall have a journey time of no more than 34 minutes	27	34	Of which 27 services shall have a journey time of no more than 34 minutes
27	18	27 services from Penarth to Cardiff Central shall have a journey time of no more than 18 minutes	27	18	Of which 27 services shall have a journey time of no more than 18 minutes
28	17	28 services from Radyr to Cardiff Central shall have a journey time of no more than 17 minutes	28	17	Of which 28 services shall have a journey time of no more than 17 minutes

End

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

Cardiff North Departures

Station			Early departure from CDF to Stn no later than	Late departure to Stn from CDF no earlier than	Early departure from CDB no later than	Late departure from CDB no earlier than	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Cardiff Central	CDF						0	10	48	24	26	5	113	
Cardiff Bay	CDB				9:00	22:00	0	7	36	18	18	1	80	*Services departing CDB to CDQ*
Cardiff Queen St	CDQ		8:25	22:38			0	10	48	24	26	5	113	*Excludes arrivals from/departures to CDB*
Heath Low Level	HLL		9:30	22:00			0	2	12	6	6	1	27	
Ty Glas	TGS		9:30	22:00			0	2	12	6	6	1	27	
Birchgrove	BCG		9:30	22:00			0	2	12	6	6	1	27	
Rhiwbina	RHI		9:30	22:00			0	2	12	6	6	1	27	
Whitchurch (Cardiff)	WHT		9:30	22:00			0	2	12	6	6	1	27	
Coryton	COY		9:30	22:00			0	2	12	6	6	1	27	
Heath High Level	HHL		8:44	22:38			0	2	12	6	8	2	30	
Llanishen	LLS		8:44	22:38			0	2	12	6	8	2	30	
Lisvane and Thornhill	LVT		8:44	22:38			0	2	12	6	8	2	30	
Caerphilly	CPH		8:44	22:38			0	2	12	6	8	2	30	
Aber	ABE		8:44	22:38			0	2	12	6	8	2	30	
Energlyn & C Pk	ECP		8:44	22:38			0	2	12	6	8	2	30	
Llanbradach	LNB		8:44	22:38			0	2	12	6	8	2	30	
Ystrad Mynach	YSM		8:44	22:38			0	2	12	6	8	2	30	
Hengoed	HNG		8:44	22:38			0	2	12	6	8	2	30	
Pengam	PGM		8:44	22:38			0	2	12	6	8	2	30	
Gilfach Fargoed	GFF													*Station Closed. Active travel measures implemented. Reference CQ 255*
Bargoed	BGD		8:44	22:38			0	2	12	6	8	2	30	
Brithdir	BHD		8:44	22:38			0	2	12	6	8	2	30	
Tir phil	TIR		8:44	22:38			0	2	12	6	8	2	30	
Pontlottyn	PLT		8:44	22:38			0	2	12	6	8	2	30	
Rhymney	RHY		8:44	22:38			0	2	12	6	8	2	30	
Cathays	CYS		8:25	22:05			0	6	24	12	12	2	56	
Llandaf	LLN		8:25	22:05			0	6	24	12	12	2	56	
Radyr	RDR		8:25	22:05			0	9	36	18	18	3	84	*Excludes stopping services on City Line via FRW*
Taffs Well	TAF		8:25	22:05			0	9	36	18	18	3	84	
Trefforest Estate	TRE		8:25	22:05			0	9	36	18	18	3	84	
Trefforest	TRF		8:25	22:05			0	9	36	18	18	3	84	
Pontypridd	PPD		8:25	22:05			0	9	36	18	18	3	84	
Trehafod	TRH		9:00	22:05			0	2	12	6	6	1	27	
Porth	POR		9:00	22:05			0	2	12	6	6	1	27	
Dinas Mid Glam	DMG		9:00	22:05			0	2	12	6	6	1	27	
Tonypandy	TNP		9:00	22:05			0	2	12	6	6	1	27	
Llwynypia	LLY		9:00	22:05			0	2	12	6	6	1	27	
Ystrad Rhondda	YSR		9:00	22:05			0	2	12	6	6	1	27	
Ton Pentre	TPN		9:00	22:05			0	2	12	6	6	1	27	
Treorchy	TRY		9:00	22:05			0	2	12	6	6	1	27	
Ynyswen	YNW		9:00	22:05			0	2	12	6	6	1	27	
Treherbert	TRB		9:00	22:05			0	2	12	6	6	1	27	
Abercynon	ACY		8:25	22:11			0	7	24	12	12	2	57	
Penrhiwceiber	PER		8:40	22:00			0	3	12	6	6	1	28	
Mountain Ash	MTA		8:40	22:00			0	3	12	6	6	1	28	
Fernhill	FER		8:40	22:00			0	3	12	6	6	1	28	
Cwmbach	CMH		8:40	22:00			0	3	12	6	6	1	28	
Aberdare	ABA		8:40	22:00			0	3	12	6	6	1	28	
Quakers Yard	QYD		8:25	22:11			0	4	12	6	6	1	29	
Merthyr Vale	MEV		8:25	22:11			0	4	12	6	6	1	29	
Troed Y Rhiw	TRD		8:25	22:11			0	4	12	6	6	1	29	
Pentre bach	PTB		8:25	22:11			0	4	12	6	6	1	29	
Merthyr Tydfil	MER		8:25	22:11			0	4	12	6	6	1	29	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
113	4	113 services from Cardiff Central to Cardiff Queen St shall have a journey time of no more than 4 minutes	113	4	Of which 113 services shall have a journey time of no more than 4 minutes
27	18	27 services from Cardiff Central to Coryton shall have a journey time of no more than 18 minutes	27	18	Of which 27 services shall have a journey time of no more than 18 minutes
30	18	30 services from Cardiff Central to Caerphilly shall have a journey time of no more than 18 minutes	30	18	Of which 30 services shall have a journey time of no more than 18 minutes
30	37	30 services from Cardiff Central to Bargoed shall have a journey time of no more than 37 minutes	30	37	Of which 30 services shall have a journey time of no more than 37 minutes
30	50	30 services from Cardiff Central to Rhymney shall have a journey time of no more than 50 minutes	30	50	Of which 30 services shall have a journey time of no more than 50 minutes
84	28	84 services from Cardiff Central to Pontypridd shall have a journey time of no more than 28 minutes	84	28	Of which 84 services shall have a journey time of no more than 28 minutes
27	52	27 services from Cardiff Central to Treherbert shall have a journey time of no more than 52 minutes	27	52	Of which 27 services shall have a journey time of no more than 52 minutes
28	50	28 services from Cardiff Central to Aberdare shall have a journey time of no more than 50 minutes	28	50	Of which 28 services shall have a journey time of no more than 50 minutes
29	50	29 services from Cardiff Central to Merthyr Tydfil shall have a journey time of no more than 50 minutes	29	50	Of which 29 services shall have a journey time of no more than 50 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Cardiff North Arrivals

Station			Early arrival at CDF from Stn no later than	Late arrival at CDF from Stn no earlier than	Early arrival at CDB no later than	Late arrival at CDB no earlier than	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Merthyr Tydfil	MER		8:47	22:00			0	3	12	6	6	1	28	
Pentre bach	PTB		8:47	22:00			0	3	12	6	6	1	28	
Troed Y Rhiw	TRD		8:47	22:00			0	3	12	6	6	1	28	
Merthyr Vale	MEV		8:47	22:00			0	3	12	6	6	1	28	
Quakers Yard	QYD		8:47	22:00			0	3	12	6	6	1	28	
Aberdare	ABA		9:00	22:00			0	3	12	6	6	1	28	
Cwmbach	CMH		9:00	22:00			0	3	12	6	6	1	28	
Fernhill	FER		9:00	22:00			0	3	12	6	6	1	28	
Mountain Ash	MTA		9:00	22:00			0	3	12	6	6	1	28	
Penrhiwceiber	PER		9:00	22:00			0	3	12	6	6	1	28	
Abercynon	ACY		8:47	22:00			0	6	24	12	12	2	56	
Treherbert	TRB		9:00	22:00			0	3	12	6	6	1	28	
Ynyswen	YNW		9:00	22:00			0	3	12	6	6	1	28	
Treorchy	TRY		9:00	22:00			0	3	12	6	6	1	28	
Ton Pentre	TPN		9:00	22:00			0	3	12	6	6	1	28	
Ystrad Rhondda	YSR		9:00	22:00			0	3	12	6	6	1	28	
Llwynypia	LLY		9:00	22:00			0	3	12	6	6	1	28	
Tonypandy	TNP		9:00	22:00			0	3	12	6	6	1	28	
Dinas Mid Glam	DMG		9:00	22:00			0	3	12	6	6	1	28	
Porth	POR		9:00	22:00			0	3	12	6	6	1	28	
Trehafod	TRH		9:00	22:00			0	3	12	6	6	1	28	
Pontypridd	PPD		8:47	22:00			0	9	36	18	18	3	84	
Trefforest	TRF		8:47	22:00			0	9	36	18	18	3	84	
Trefforest Estate	TRE		8:47	22:00			0	9	36	18	18	3	84	
Taffs Well	TAF		8:47	22:00			0	9	36	18	18	3	84	
Radyr	RDR		8:47	22:00			0	9	36	18	18	3	84	*Excludes stopping services on City Line via FRW*
Llandaf	LLN		8:47	22:00			0	6	24	12	12	2	56	
Cathays	CYS		8:47	22:00			0	6	24	12	12	2	56	
Rhymney	RHY		8:35	22:15			0	4	12	6	7	2	31	
Pontlottyn	PLT		8:35	22:15			0	4	12	6	7	2	31	
Tir phil	TIR		8:35	22:15			0	4	12	6	7	2	31	
Brithdir	BHD		8:35	22:15			0	4	12	6	7	2	31	
Bargoed	BGD		8:35	22:15			0	4	12	6	7	2	31	
Gilfach Fargoed	GFF													*Station Closed. Active travel measures implemented. Reference CQ 255*
Pengam	PGM		8:35	22:15			0	4	12	6	7	2	31	
Hengoed	HNG		8:35	22:15			0	4	12	6	7	2	31	
Ystrad Mynach	YSM		8:35	22:15			0	4	12	6	7	2	31	
Llanbradach	LNB		8:35	22:15			0	4	12	6	7	2	31	
Energlyn & C Pk	ECP		8:35	22:15			0	4	12	6	7	2	31	
Aber	ABE		8:35	22:15			0	4	12	6	7	2	31	
Caerphilly	CPH		8:35	22:15			0	4	12	7	9	2	34	
Lisvane and Thornhill	LVT		8:35	22:15			0	4	12	7	9	2	34	
Llanishen	LLS		8:35	22:15			0	4	12	7	9	2	34	
Heath High Level	HHL		8:35	22:15			0	4	12	7	9	2	34	
Coryton	COY		9:00	22:00			0	2	12	6	6	1	27	
Whitchurch (Cardiff)	WHT		9:00	22:00			0	2	12	6	6	1	27	
Rhiwbina	RHI		9:00	22:00			0	2	12	6	6	1	27	
Birchgrove	BCG		9:00	22:00			0	2	12	6	6	1	27	
Ty Glas	TGS		9:00	22:00			0	2	12	6	6	1	27	
Heath Low Level	HLL		9:00	22:00			0	2	12	6	6	1	27	
Cardiff Queen St	CDQ		8:35	22:15			0	11	45	24	25	5	110	*Excludes arrivals from CDB*
Cardiff Bay	CDB				9:00	22:00	0	7	36	18	18	1	80	*Services arriving at CDB from CDQ*
Cardiff Central	CDF						0	11	45	24	25	5	110	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
21	*51*	21 services from Merthyr Tydfil to Cardiff Central shall have a journey time of no more than 51 minutes	*21*	*51*	Of which 21 services shall have a journey time of no more than 51 minutes
28	*49*	28 services from Aberdare to Cardiff Central shall have a journey time of no more than 49 minutes	*28*	*49*	Of which 28 services shall have a journey time of no more than 49 minutes
28	*52*	28 services from Treherbert to Cardiff Central shall have a journey time of no more than 52 minutes	*28*	*52*	Of which 28 services shall have a journey time of no more than 52 minutes
77	*29*	77 services from Pontypridd to Cardiff Central shall have a journey time of no more than 29 minutes	*77*	*29*	Of which 77 services shall have a journey time of no more than 29 minutes
31	*51*	31 services from Rhymney to Cardiff Central shall have a journey time of no more than 51 minutes	*31*	*51*	Of which 31 services shall have a journey time of no more than 51 minutes
31	*39*	31 services from Bargoed to Cardiff Central shall have a journey time of no more than 39 minutes	*31*	*39*	Of which 31 services shall have a journey time of no more than 39 minutes
34	*20*	34 services from Caerphilly to Cardiff Central shall have a journey time of no more than 20 minutes	*34*	*20*	Of which 34 services shall have a journey time of no more than 20 minutes
27	*19*	27 services from Coryton to Cardiff Central shall have a journey time of no more than 19 minutes	*27*	*19*	Of which 27 services shall have a journey time of no more than 19 minutes
110	*5*	110 services from Cardiff Queen St to Cardiff Central shall have a journey time of no more than 5 minutes	*110*	*5*	Of which 110 services shall have a journey time of no more than 5 minutes

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Borderlands Departures

Station			Early departure from WRX to Stn no later than	Late departure from WRX to Stn no earlier than	Early arrival at WRX from Stn no later than	Late arrival at WRX from Stn no earlier than	Minimum number of calls at station by W&B services departing from WRX during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Wrexham Central	WXC				8:00	21:30	0	3	6	2	2	0	13	This row is based on arrival times at WRX
Wrexham General	WRX						1	3	6	2	2	0	14	
Gwersyllt	GWE		6:59	21:30			1	3	6	2	2	0	14	
Cefn Y Bedd	CYB		6:59	21:30			1	3	6	2	2	0	14	
Caergwrle	CGW		6:59	21:30			1	3	6	2	2	0	14	
Hope Clwyd	HPE		6:59	21:30			1	3	6	2	2	0	14	
Penyffordd	PNF		6:59	21:30			1	3	6	2	2	0	14	
Buckley	BCK		6:59	21:30			1	3	6	2	2	0	14	
Hawarden	HWD		6:59	21:30			1	3	6	2	2	0	14	
Shotton	SHT		6:59	21:30			1	3	6	2	2	0	14	
Hawarden Bridge	HWB		6:59	21:30			1	3	6	2	2	0	14	
Neston	NES		6:59	21:30			1	3	6	2	2	0	14	
Heswall	HSW		6:59	21:30			1	3	6	2	2	0	14	
Upton Merseyside	UPT		6:59	21:30			1	3	6	2	2	0	14	
Bidston	BID		6:59	21:30			1	3	6	2	2	0	14	

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

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU
Confidentiality: TBC
Version: Final
Date: 5/23/2018

Borderlands Arrivals

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

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
14	*61*	14 services from Bidston to Wrexham General shall have a journey time of no more than 61 minutes	*13*	*59*	Of which 13 services shall have a journey time of no more than 59 minutes

End

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

Cardiff East Departures

Station			Early departure from CDF to Stn no later than	Late departure from CDF to Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	Journey times					
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Cardiff Central	CDF						0	7	18	8	5	2	40							
Pye Corner	PYE		7:30	21:30			0	3	3	1	2	0	9							
Rogerstone	ROR		7:30	21:30			0	3	3	1	2	0	9							
Risca & Pontyminster	RCA		7:30	21:30			0	3	3	1	2	0	9							
Crosskeys	CKY		7:30	21:30			0	3	3	1	2	0	9	Between 0700 and 2200, 1 additional service every 2 hours shall run from NWP to EBB, calling all stations. A minimum of 7 additional services per day						
Newbridge	NBE		7:30	21:30			0	3	3	1	2	0	9							
Llanhilleth	LTH		7:30	21:30			0	3	3	1	2	0	9							
Ebbw Vale Parkway	EBV		7:30	21:30			0	3	3	1	2	0	9							
Ebbw Vale Town	EBB		7:30	21:30			0	3	3	1	2	0	9		9	76	9 services from Cardiff Central to Ebbw Vale Town shall have a journey time of no more than 76 minutes	7	72	Of which 7 services shall have a journey time of no more than 72 minutes
Newport Gwent	NWP		7:30	23:15			0	4	15	7	3	2	31		31	24	31 services from Cardiff Central to Newport Gwent shall have a journey time of no more than 24 minutes	25	22	Of which 25 services shall have a journey time of no more than 22 minutes
Severn Tunnel Junction	STJ		9:00	22:25			0	1	6	3	1	1	12							
Caldicot	CDT		9:00	22:25			0	1	6	3	1	1	12							
Chepstow	CPW		9:00	22:25			0	1	6	3	1	1	12							
Lydney	LYD		9:00	22:25			0	1	6	3	1	1	12							
Gloucester	GCR		9:00	22:25			0	1	6	3	1	1	12		12	78	12 services from Cardiff Central to Gloucester shall have a journey time of no more than 78 minutes	10	75	Of which 10 services shall have a journey time of no more than 75 minutes
Cheltenham Spa	CNM		9:00	18:24			0	1	6	3	0	0	10		10	94	10 services from Cardiff Central to Cheltenham Spa shall have a journey time of no more than 94 minutes	8	91	Of which 8 services shall have a journey time of no more than 91 minutes
Cwmbran	CWM		8:40	23:15			0	2	8	4	2	1	17							
Pontypool New Inn	PPL		8:40	23:15			0	2	5	2	2	1	12							
Abergavenny	AGV		8:40	23:15			0	2	8	4	2	1	17							
Hereford	HFD		8:40	23:15			0	2	8	4	2	1	17		17	74	17 services from Cardiff Central to Hereford shall have a journey time of no more than 74 minutes	15	73	Of which 15 services shall have a journey time of no more than 73 minutes
Leominster	LEO		8:40	21:14			0	2	6	3	2	0	13							
Ludlow	LUD		8:40	21:14			0	2	8	4	2	0	16							
Craven Arms	CRV		8:40	21:14			0	1	4	2	2	0	9	Excludes services via HoW Line						
Church Stretton	CTT		8:40	21:14			0	1	4	2	2	0	9	Excludes services via HoW Line						
Shrewsbury	SHR		8:40	21:14			0	2	8	4	2	0	16	Excludes services via HoW Line	16	133	16 services from Cardiff Central to Shrewsbury shall have a journey time of no more than 133 minutes	13	129	Of which 13 services shall have a journey time of no more than 129 minutes

Station			Early departure from SHR to Stn no later than	Late departure from SHR to Stn no earlier than	Early arrival at Stn from SHR no later than	Late arrival at Stn from SHR no earlier than	Minimum number of calls at station by W&B services departing from SHR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	Journey times					
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Shrewsbury	SHR						0	0	5	3	1	2	11							
Gobowen	GOB		10:16	20:20			0	0	5	3	1	0	9							
Chirk	CRK		10:16	20:20			0	0	5	3	1	0	9							
Ruabon	RUA		10:16	20:20			0	0	5	3	1	0	9							
Wrexham General	WRX		10:16	20:20			0	0	5	3	1	0	9	1 additional call to be provided by a service between WRX and CTR departing WRX 2200-0159						
Chester	CTR		10:16	23:19			0	0	5	3	1	2	11	1 additional call to be provided by a service between WRX and CTR departing WRX 2200-0159; 2 additional services to be provided between SHR and CTR via CRE: such service may be provided within the quantum of services between SHR and CRE and between CRE and CTR specified elsewhere in this TSR2	9	40	9 services from Shrewsbury to Wrexham General shall have a journey time of no more than 40 minutes	8	36	Of which 8 services shall have a journey time of no more than 36 minutes
															11	67	11 services from Shrewsbury to Chester shall have a journey time of no more than 67 minutes	9	58	Of which 9 services shall have a journey time of no more than 58 minutes
Shrewsbury	SHR		9:00	23:19			0	2	9	5	3	2	21							
Yorton	YRT		9:00	23:19			0	1	3	2	1	1	8							
Wem	WEM		9:00	23:19			0	1	3	2	1	1	8							
Prees	PRS		9:00	23:19			0	1	3	2	1	1	8							
Whitchurch Salop	WTC		9:00	23:19			0	1	3	2	1	1	8							
Wrenbury	WRE		9:00	23:19			0	1	3	2	1	1	8							
Nantwich	NAN		9:00	23:19			0	1	3	2	1	1	8							
Crewe	CRE		9:00	23:19			0	2	9	5	3	2	21	2 additional calls to be provided by a service between CRE and MAN departing CRE 0700-0959	21	55	21 services from Shrewsbury to Crewe shall have a journey time of no more than 55 minutes	19	51	Of which 19 services shall have a journey time of no more than 51 minutes
Alderley Edge	ALD						0	0	0	0	1	0	1	1 additional call to be provided by a service between CRE and MAN departing CRE 0700-0959						
Wilmslow	WML		9:55	20:48			0	1	6	3	2	0	12	2 additional calls to be provided by a service between CRE and MAN departing CRE 0700-0959						
Stockport	SPT		9:55	20:48			0	1	5	3	2	0	11							
Manchester Piccadilly	MAN		9:55	20:48	11:14	22:14	0	1	6	3	2	0	12	2 additional calls to be provided by a service between CRE and MAN departing CRE 0700-0959	12	92	12 services from Shrewsbury to Manchester Piccadilly shall have a journey time of no more than 92 minutes	9	82	Of which 9 services shall have a journey time of no more than 82 minutes

End

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

Cardiff East Arrivals

Station			Early arrival at CDF from Stn no later than	Late arrival at CDF from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	Journey times					
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Shrewsbury	SHR		12:57	0:15			0	0	5	4	4	2	15	*1 additional bus service to be provided between SHR and HFD departing SHR 0700-0959; Excludes services via HoW Line*	*15*	*141*	15 services from Shrewsbury to Cardiff Central shall have a journey time of no more than 141 minutes	*12*	*125*	Of which 12 services shall have a journey time of no more than 125 minutes
Church Stretton	CTT		12:57	0:15			0	0	2	3	1	2	8	*1 additional bus service to be provided between SHR and HFD departing SHR 0700-0959; Excludes services via HoW Line*						
Craven Arms	CRV		12:57	0:15			0	0	2	3	1	2	8	*1 additional bus service to be provided between SHR and HFD departing SHR 0700-0959; Excludes services via HoW Line*						
Ludlow	LUD		12:57	0:15			0	0	5	4	4	2	15	*1 additional bus service to be provided between SHR and HFD departing SHR 0700-0959*						
Leominster	LEO		12:57	0:15			0	0	5	4	3	2	14	*1 additional bus service to be provided between SHR and HFD departing SHR 0700-0959*						
Hereford	HFD		11:20	0:15			0	0	6	4	4	2	16	*1 additional bus service to be provided between SHR and HFD departing SHR 0700-0959*	*16*	*81*	16 services from Hereford to Cardiff Central shall have a journey time of no more than 81 minutes	*12*	*74*	Of which 12 services shall have a journey time of no more than 74 minutes
Abergavenny	AGV		11:20	0:15			0	0	6	4	4	2	16							
Pontypool New Inn	PPL		11:20	0:15			0	0	3	3	1	2	9							
Cwmbran	CWM		11:20	0:15			0	0	6	4	4	2	16							
Cheltenham Spa	CNM		12:12	21:40			0	0	4	3	3	0	10		*10*	*106*	10 services from Cheltenham Spa to Cardiff Central shall have a journey time of no more than 106 minutes	*8*	*95*	Of which 8 services shall have a journey time of no more than 95 minutes
Gloucester	GCR		9:56	23:50			0	1	4	3	3	1	12		*12*	*87*	12 services from Gloucester to Cardiff Central shall have a journey time of no more than 87 minutes	*10*	*80*	Of which 10 services shall have a journey time of no more than 80 minutes
Lydney	LYD		9:56	23:50			0	1	4	3	3	1	12							
Chepstow	CPW		9:56	23:50			0	1	4	3	3	1	12							
Caldicot	CDT		9:56	23:50			0	1	4	3	3	1	12							
Severn Tunnel Junction	STJ		9:56	23:50			0	1	4	3	3	1	12							
Newport Gwent	NWP		9:44	0:15			0	3	10	7	7	4	31		*31*	*30*	31 services from Newport Gwent to Cardiff Central shall have a journey time of no more than 30 minutes	*25*	*26*	Of which 25 services shall have a journey time of no more than 26 minutes
Ebbw Vale Town	EBB		9:44	23:35			0	2	2	2	1	2	9		*9*	*81*	9 services from Ebbw Vale Town to Cardiff Central shall have a journey time of no more than 81 minutes	*7*	*73*	Of which 7 services shall have a journey time of no more than 73 minutes
Ebbw Vale Parkway	EBV		9:44	23:35			0	2	2	2	1	2	9							
Llanhilleth	LTH		9:44	23:35			0	2	2	2	1	2	9	*Between 0700 and 2200, 1 additional service every 2 hours shall run from EBB to NWP, calling all stations. A minimum of 7 additional services per day*						
Newbridge	NBE		9:44	23:35			0	2	2	2	1	2	9							
Crosskeys	CKY		9:44	23:35			0	2	2	2	1	2	9							
Risca & Pontyminster	RCA		9:44	23:35			0	2	2	2	1	2	9							
Rogerstone	ROR		9:44	23:35			0	2	2	2	1	2	9							
Pye Corner	PYE		9:44	23:35			0	2	2	2	1	2	9							
Cardiff Central	CDF						0	5	12	9	8	6	40							

Station			Early arrival at SHR from Stn no later than	Late arrival at SHR from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at SHR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	Journey times					
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Chester	CTR		10:20	0:15			0	0	5	2	3	2	12	*2 additional call to be provided by additional services between CTR and WRX departing CTR 0700-0959 & 2200-0159*	*12*	*76*	12 services from Chester to Shrewsbury shall have a journey time of no more than 76 minutes	*9*	*55*	Of which 9 services shall have a journey time of no more than 55 minutes
Wrexham General	WRX		10:20	22:11			0	0	5	2	3	1	11	*2 additional call to be provided by additional services between CTR and WRX departing CTR 0700-0959 & 2200-0159*	*11*	*43*	11 services from Wrexham General to Shrewsbury shall have a journey time of no more than 43 minutes	*10*	*39*	Of which 10 services shall have a journey time of no more than 39 minutes
Ruabon	RUA		10:20	22:11			0	0	5	2	2	1	10							
Chirk	CRK		10:20	22:11			0	0	5	2	2	1	10							
Gobowen	GOB		10:20	22:11			0	0	5	2	2	1	10							
Shrewsbury	SHR						0	0	5	2	3	2	12							
Manchester Piccadilly	MAN		11:00	21:57			0	0	6	3	3	0	12	*2 additional calls to be provided by additional services between MAN and CRE departing MAN 1900-2159 & 2200-0159*	*12*	*90*	12 services from Manchester Piccadilly to Shrewsbury shall have a journey time of no more than 90 minutes	*9*	*79*	Of which 9 services shall have a journey time of no more than 79 minutes
Stockport	SPT		11:00	21:57			0	0	6	3	3	0	12	*1 additional call to be provided by additional service between MAN and CRE departing MAN 1900-2159*						
Wilmslow	WML		11:00	21:57			0	0	6	3	3	0	12	*2 additional calls to be provided by additional services between MAN and CRE departing MAN 1900-2159 & 2200-0159*						
Alderley Edge	ALD						0	0	1	0	0	0	1	*1 additional call to be provided by additional service between MAN and CRE departing MAN 2200-0159*						
Crewe	CRE		10:20	0:15			0	0	9	5	5	2	21	*2 additional calls to be provided by additional services between MAN and CRE departing MAN 1900-2159 & 2200-0159*	*21*	*55*	21 services from Crewe to Shrewsbury shall have a journey time of no more than 55 minutes	*19*	*52*	Of which 19 services shall have a journey time of no more than 52 minutes
Nantwich	NAN		10:20	0:15			0	0	4	2	3	2	11							
Wrenbury	WRE		10:20	0:15			0	0	3	2	2	2	9							
Whitchurch Salop	WTC		10:20	0:15			0	0	3	2	3	2	10							
Prees	PRS		10:20	0:15			0	0	3	2	2	2	9							
Wem	WEM		10:20	0:15			0	0	3	2	3	2	10							
Yorton	YRT		10:20	0:15			0	0	3	2	2	2	9							
Shrewsbury	SHR						0	0	9	5	5	2	21							

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Swansea West Departures

Station	A	B	C	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: 0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
				D	E	F	G	H	I	J	K	L	M	N	O
Swansea		SWA						0	1	5	3	3	2	14	*Excludes sevices via HoW Line*
Gowerton		GWN		8:45	23:40			0	1	4	3	3	2	13	*Excludes sevices via HoW Line*
Llanelli		LLE		8:45	23:40			0	1	5	3	3	2	14	*1 additional call to be provided by a service between CDF and MFH departing CDF 1000-1559. Excludes sevices via HoW Line*
Pembrey & Burry Port		PBY		8:45	23:40			0	1	5	3	3	2	14	*1 additional call to be provided by a service between CDF and MFH departing CDF 1000-1559.*
Kidwelly		KWL		8:45	23:40			0	1	3	2	1	2	9	
Ferryside		FYS		8:45	23:40			0	1	3	2	1	2	9	
Carmarthen		CMN		8:45	23:40			0	1	5	3	3	2	14	*1 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)	R	Number of services	Public journey time (mins)	U
P	Q	R	S	T	U
14	*20*	14 services from Swansea to Llanelli shall have a journey time of no more than 20 minutes	*14*	*20*	Of which 14 services shall have a journey time of no more than 20 minutes
14	*54*	14 services from Swansea to Carmarthen shall have a journey time of no more than 54 minutes	*11*	*51*	Of which 11 services shall have a journey time of no more than 51 minutes

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

Journey times

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

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Swansea West Arrivals

Station			Early arrival at SWA frm Stn no later than	Late arrival at SWA from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at SWA during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Carmarthen	CMN		9:45	0:28			0	1	7	3	1	3	15	
Ferryside	FYS		10:37	23:20			0	0	3	3	1	1	8	
Kidwelly	KWL		10:37	23:20			0	0	3	3	1	1	8	
Pembrey & Burry Port	PBY		9:45	23:20			0	1	7	3	1	2	14	
Llanelli	LLE		9:45	23:20			0	1	7	3	1	2	14	*Excludes services via HoW Line*
Gowerton	GWN		10:37	23:20			0	0	6	3	1	2	12	*Excludes services via HoW Line*
Swansea	SWA						0	1	7	3	1	3	15	*Excludes services via HoW Line*

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

Station			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	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Fishguard Harbour	FGH		2:52	23:54			1	0	1	0	1	1	4	
Fishguard & Goodwick	FGW		2:52	23:54			1	0	1	0	1	1	4	
Milford Haven	MFH		12:20	0:40			0	0	2	2	1	2	7	
Johnston Dyfed	JOH		12:20	0:40			0	0	2	2	1	2	7	
Haverfordwest	HVF		12:20	0:40			0	0	2	2	1	2	7	
Clarbeston Road	CLR		12:20	0:40			0	0	2	2	1	3	8	
Clunderwen	CUW		12:20	0:40			0	0	2	2	1	2	7	
Pembroke Dock	PMD		12:08	23:14			0	0	3	1	1	1	6	
Pembroke	PMB		12:08	23:14			0	0	3	1	1	1	6	
Lamphey	LAM		12:08	23:14			0	0	3	1	1	1	6	
Manorbier	MRB		12:08	23:14			0	0	3	1	1	1	6	
Penally	PNA		12:08	23:14			0	0	3	1	1	1	6	
Tenby	TEN		12:08	23:14			0	0	3	1	1	1	6	
Saundersfoot	SDF		12:08	23:14			0	0	3	1	1	1	6	
Kilgetty	KGT		12:08	23:14			0	0	3	1	1	1	6	
Narberth	NAR		12:08	23:14			0	0	3	1	1	1	6	
Whitland	WTL		2:52	0:43			0	0	6	3	3	4	16	
Carmarthen	CMN						1	0	6	3	3	4	17	

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

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Heart of Wales Departures

Station			Early departure from SHR to Stn no later than	Late departure from SHR to Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing from SHR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	Journey times				
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day		Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Shrewsbury	SHR						0	0	1	1	1	0	3	Includes HoW services only						
Church Stretton	CTT		-	-			0	0	1	1	1	0	3	Includes HoW services only						
Craven Arms	CRV		-	-			0	0	1	1	1	0	3	Includes HoW services only						
Broome	BME		-	-			0	0	1	1	1	0	3							
Hopton Heath	HPT		-	-			0	0	1	1	1	0	3							
Bucknell	BUK		-	-			0	0	1	1	1	0	3							
Knighton	KNI		-	-			0	0	1	1	1	0	3							
Knucklas	KNU		-	-			0	0	1	1	1	0	3							
Llangynllo	LGO		-	-			0	0	1	1	1	0	3							
Llanbister Road	LLT		-	-			0	0	1	1	1	0	3							
Dolau	DOL		-	-			0	0	1	1	1	0	3							
Pen Y Bont	PNY		-	-			0	0	1	1	1	0	3							
Llandrindod	LLO		-	-			0	0	1	1	1	0	3		3	94	3 services from Shrewsbury to Llandrindod shall have a journey time of no more than 94 minutes	3	94	Of which 3 services shall have a journey time of no more than 94 minutes
Builth Road	BHR		-	-			0	0	1	1	0	0	2							
Cilmeri	CIM		-	-			0	0	1	1	0	0	2							
Garth Powys	GTH		-	-			0	0	1	1	0	0	2							
Llangammarch	LLM		-	-			0	0	1	1	0	0	2							
Llanwrtyd	LNW		-	-			0	0	1	1	0	0	2							
SugarLoaf	SUG		-	-			0	0	1	1	0	0	2							
Cynghordy	CYN		-	-			0	0	1	1	0	0	2							
Llandovery	LLV		-	-			0	0	1	1	0	0	2	1 further call to be provided by a service to SWA	3	92	3 services from Llandovery to Swansea shall have a journey time of no more than 92 minutes	3	92	Of which 3 services shall have a journey time of no more than 92 minutes
Llanwrda	LNR		-	-			0	0	1	1	0	0	2	1 further call to be provided by a service to SWA						
Llangadog	LLG		-	-			0	0	1	1	0	0	2	1 further call to be provided by a service to SWA						
Llandeilo	LLL		-	-			0	0	1	1	0	0	2	1 further call to be provided by a service to SWA						
Ffairfach	FFA		-	-			0	0	1	1	0	0	2	1 further call to be provided by a service to SWA						
Llandybie	LLI		-	-			0	0	1	1	0	0	2	1 further call to be provided by a service to SWA						
Ammanford	AMF		-	-			0	0	1	1	0	0	2	1 further call to be provided by a service to SWA						
Pantyffynnon	PTF		-	-			0	0	1	1	0	0	2	1 further call to be provided by a service to SWA						
Pontarddulais	PTD		-	-			0	0	1	1	0	0	2	1 further call to be provided by a service to SWA						
Llangennech	LLH		-	-			0	0	1	1	0	0	2	1 further call to be provided by a service to SWA						
Bynea	BYE		-	-			0	0	1	1	0	0	2	1 further call to be provided by a service to SWA						
Llanelli	LLE		-	-			0	0	1	1	0	0	2	Includes HoW services only 1 further call to be provided by a service to SWA						
Gowerton	GWN		-	-			0	0	1	1	0	0	2	Includes HoW services only 1 further call to be provided by a service to SWA						
Swansea	SWA		-	-			0	0	1	1	0	0	2	Includes HoW services only 1 further call to be provided by a service to SWA	2	239	2 services from Shrewsbury to Swansea shall have a journey time of no more than 239 minutes	2	239	Of which 2 services shall have a journey time of no more than 239 minutes

End

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

Heart of Wales Arrivals

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

End

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

Cambrian Line Departures

Station			Early departure from BHM to Stn no later than	Late departure from BHM to Stn no earlier than	Early arrival at BHM from Stn no later than	Late arrival at BHM from Stn no earlier than	Minimum number of calls at station by W&B services departing from BHM during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Birmingham International	BHI				10:02	23:20	0	0	6	3	3	3	15	*This row is based on arrival times at BHM*
Birmingham New St	BHM						0	0	6	3	3	3	15	
Smethwick Galton Bridge	SGB		10:05	23:24			0	0	6	3	3	3	15	
Sandwell & Dudley	SAD		-	-			0	0	0	0	0	0	0	
Wolverhampton	WVH		10:05	23:24			0	0	6	3	3	3	15	
Stafford	STA		-	22:40			0	0	0	0	0	1	1	
Crewe	CRE		-	22:40			0	0	0	0	1	1	2	
Bilbrook	BBK		-	-			0	0	2	0	1	2	5	*Highlighted calls may be removed after May 2021*
Codsall	CSL		-	-			0	0	2	0	1	2	5	*Highlighted calls may be removed after May 2021*
Albrighton	ALB		-	-			0	0	2	0	1	2	5	*Highlighted calls may be removed after May 2021*
Cosford	COS		-	-			0	0	2	0	1	2	5	*Highlighted calls may be removed after May 2021*
Shifnal	SFN		-	-			0	0	2	0	1	2	5	*Highlighted calls may be removed after May 2021*
Telford Central	TFC		10:05	23:24			0	0	6	3	3	2	14	
Oakengates	OKN		-	-			0	0	2	0	1	2	5	*Highlighted calls may be removed after May 2021*
Wellington Salop	WLN		10:05	23:24			0	0	6	3	3	2	14	
Shrewsbury	SHR		10:05	23:24			0	0	6	3	3	2	14	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
15	*24*	15 services from Birmingham New St to Wolverhampton shall have a journey time of no more than 24 minutes	*12*	*21*	Of which 12 services shall have a journey time of no more than 21 minutes
14	*74*	14 services from Birmingham New St to Shrewsbury shall have a journey time of no more than 74 minutes	*12*	*71*	Of which 12 services shall have a journey time of no more than 71 minutes

Station			Early departure from SHR to Stn no later than	Late departure from SHR to Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing SHR during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Shrewsbury	SHR	*dep*	:				0	1	5	3	2	0	11	*First service 07:00 - 09:59 may be provided by bus outside of Summer timetable and shall run to Aberystwyth calling at Borth*
Welshpool	WLP		8:30	21:25			0	1	5	3	2	0	11	*First service 07:00 - 09:59 may be provided by bus outside of Summer timetable and shall run to Aberystwyth calling at Borth*
Newtown Powys	NWT		8:30	21:25			0	1	5	3	2	0	11	*First service 07:00 - 09:59 may be provided by bus outside of Summer timetable and shall run to Aberystwyth calling at Borth*
Caersws	CWS		8:30	21:25			0	1	5	3	2	0	11	*First service 07:00 - 09:59 may be provided by bus outside of Summer timetable and shall run to Aberystwyth calling at Borth*
Machynlleth	MCN		8:30	21:25			0	1	5	3	2	0	11	*First service 07:00 - 09:59 may be provided by bus outside of Summer timetable and shall run to Aberystwyth calling at Borth*

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 Shrewsbury to Machynlleth shall have a journey time of no more than 77 minutes	*9*	*76*	Of which 9 services shall have a journey time of no more than 76 minutes

Station			Early departure from MCN to Stn no later than	Late departure from MCN to Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing MCN during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Machynlleth	MCN		:				0	3	9	5	2	1	20	
Dovey Junction	DVY		8:00	22:38			0	3	9	5	2	1	20	*10:00-15:59 may reduce by 2 services outside of Summer Timetable*
Borth	BRH		8:00	22:38			0	3	6	3	2	1	15	*10:00-15:59 may reduce by 2 services outside of Summer Timetable*
Bow Street	BOW		8:00	22:38			0	3	6	3	2	1	15	
Aberystwyth	AYW		8:00	22:38			0	3	6	3	2	1	15	
Penhelig	PHG		-	-			0	0	3	2	0	0	5	
Aberdovey	AVY		-	-			0	0	3	2	0	0	5	
Tywyn	TYW		-	-			0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Tonfanau	TNF		-	-			0	0	3	2	0	0	5	
Llwyngwril	LLW		-	-			0	0	3	2	0	0	5	
Fairbourne	FRB		-	-			0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Morfa Mawddach	MFA		-	-			0	0	3	2	0	0	5	
Barmouth	BRM		-	-			0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Llanaber	LLA		-	-			0	0	3	2	0	0	5	
Talybont	TLB		-	-			0	0	3	2	0	0	5	
Dyffryn Ardudwy	DYF		-	-			0	0	3	2	0	0	5	
Llanbedr	LBR		-	-			0	0	3	2	0	0	5	
Pensarn	PES		-	-			0	0	3	2	0	0	5	
Llandanwg	LDN		-	-			0	0	3	2	0	0	5	
Harlech	HRL		-	-			0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Tygwyn	TYG		-	-			0	0	3	2	0	0	5	
Talsarnau	TAL		-	-			0	0	3	2	0	0	5	
Llandecwyn	LLC		-	-			0	0	3	2	0	0	5	
Penrhyndeudraeth	PRH		-	-			0	0	3	2	0	0	5	
Minffordd	MFF		-	-			0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Porthmadog	PTM		-	-			0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Criccieth	CCC		-	-			0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Penychain	BPC		-	-			0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Abererch	ABH		-	-			0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Pwllheli	PWL		-	-			0	0	3	2	0	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December

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

End

Wales and Borders Rail and South Wales Metro

Sundays TSR 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Cambrian Line Arrivals

Station			Early arrival at BHM from Stn no later than	Late arrival at BHM from Stn no earlier than	Early departure from BHM to Stn no later than	Late departure from BHM to Stn no earlier than	Minimum number of calls at station by W&B services arriving at BHM during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Shrewsbury	SHR		9:18	22:25			0	1	6	3	3	2	15	
Wellington Salop	WLN		9:18	22:25			0	1	6	3	3	1	14	
Oakengates	OKN						0	1	1	0	1	0	3	*Highlighted calls may be removed after May 2021*
Telford Central	TFC		9:18	22:25			0	1	6	3	3	1	14	
Shifnal	SFN		-	-			0	1	1	0	1	0	3	*Highlighted calls may be removed after May 2021*
Cosford	COS		-	-			0	1	1	0	1	0	3	*Highlighted calls may be removed after May 2021*
Albrighton	ALB		-	-			0	1	1	0	1	0	3	*Highlighted calls may be removed after May 2021*
Codsall	CSL		-	-			0	1	1	0	1	0	3	*Highlighted calls may be removed after May 2021*
Bilbrook	BBK		-	-			0	1	1	0	1	0	3	*Highlighted calls may be removed after May 2021*
Crewe	CRE		-	-			0	0	0	0	0	0	0	
Stafford	STA		-	-			0	0	0	0	0	0	0	
Wolverhampton	WVH		9:18	22:25			0	1	6	3	3	2	15	
Sandwell & Dudley	SAD		-	-			0	0	0	0	0	0	0	
Smethwick Galton Bridge	SGB		9:18	22:25			0	1	6	3	3	2	15	
Birmingham New St	BHM						0	1	6	3	3	2	15	
Birmingham International	BHI				9:20	22:39	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*	*61*	Of which 12 services shall have a journey time of no more than 61 minutes
15	*23*	15 services from Wolverhampton to Birmingham New St shall have a journey time of no more than 23 minutes	*13*	*22*	Of which 13 services shall have a journey time of no more than 22 minutes

Station			Early arrival at SHR from Stn no later than	Late arrival at SHR from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at SHR during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Machynlleth	MCN		10:27	21:14			0	0	6	3	2	0	11	
Caersws	CWS		10:27	21:14			0	0	6	3	2	0	11	
Newtown Powys	NWT		10:27	21:14			0	0	6	3	2	0	11	
Welshpool	WLP		10:27	21:14			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	*74*	11 services from Machynlleth to Shrewsbury shall have a journey time of no more than 74 minutes	*10*	*73*	Of which 10 services shall have a journey time of no more than 73 minutes

Station			Early arrival at MCN from Stn no later than	Late arrival at MCN from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at MCN during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Pwllheli	PWL	*dep*	-	-			0	0	2	2	1	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Abererch	ABH		-	-			0	0	2	2	1	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Penychain	BPC		-	-			0	0	2	2	1	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Criccieth	CCC		-	-			0	0	2	2	1	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Porthmadog	PTM		-	-			0	0	2	2	1	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Minffordd	MFF		-	-			0	0	2	2	1	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Penrhyndeudraeth	PRH		-	-			0	0	2	2	1	0	5	
Llandecwyn	LLC		-	-			0	0	2	2	1	0	5	
Talsarnau	TAL		-	-			0	0	2	2	1	0	5	
Tygwyn	TYG		-	-			0	0	2	2	1	0	5	
Harlech	HRL		-	-			0	0	2	2	1	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Llandanwg	LDN		-	-			0	0	2	2	1	0	5	
Pensarn	PES		-	-			0	0	2	2	1	0	5	
Llanbedr	LBR		-	-			0	0	2	2	1	0	5	
Dyffryn Ardudwy	DYF		-	-			0	0	2	2	1	0	5	
Talybont	TLB		-	-			0	0	2	2	1	0	5	
Llanaber	LLA		-	-			0	0	2	2	1	0	5	
Barmouth	BRM		-	-			0	0	2	2	1	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Morfa Mawddach	MFA		-	-			0	0	2	2	1	0	5	
Fairbourne	FRB		-	-			0	0	2	2	1	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Llwyngwril	LLW		-	-			0	0	2	2	1	0	5	
Tonfanau	TNF		-	-			0	0	2	2	1	0	5	
Tywyn	TYW		-	-			0	0	2	2	1	0	5	Plus an additional 4 services per day between the subsidiary change date in May until the principal change date in December
Aberdovey	AVY		-	-			0	0	2	2	1	0	5	
Penhelig	PHG		-	-			0	0	2	2	1	0	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	
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	
Machynlleth	MCN	*arr*					0	1	8	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	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	*12*	*37*	Of which 12 services shall have a journey time of no more than 37 minutes

End

Wales and Borders Rail and South Wales Metro
Sundays TSR 2a December 2024 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
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Manchester Airport	MIA				-	-	0	2	6	3	3	2	16	Based on arrival times at MAN
Manchester Piccadilly	MAN						0	3	6	3	3	2	17	
Manchester Oxford Road	MCO		7:20	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
Helsby	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	U
17	64	17 services from Manchester Piccadilly to Warrington Bank Quay shall have a journey time of no more than 64 minutes	13	34	Of which 13 services shall have a journey time of no more than 34 minutes
17	127	17 services from Manchester Piccadilly to Chester shall have a journey time of no more than 127 minutes	13	64	Of which 13 services shall have a journey time of no more than 64 minutes

Station			Early departure from CTR to Stn no later than	Late departure from CTR to Stn no earlier than	Early arrival at CTR from Stn no later than	Late arrival at CTR from Stn no earlier than	Minimum number of calls at station by W&B services departing CTR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Services between CRE and CTR specified below based on arrival time at CTR														
Crewe	CRE				8:50	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	6	4	3	20	*02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-10:59 may reduce by 1 services outside of Summer Timetable*
Shotton	SHT		9:50	23:00			0	1	4	6	4	2	17	
Flint	FLN		6:20	0:40			1	2	4	6	4	3	20	*02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-10:59 may reduce by 1 services outside of Summer Timetable*
Prestatyn	PRT		6:20	0:40			1	2	4	6	4	3	20	*02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-10:59 may reduce by 1 services outside of Summer Timetable*
Rhyl	RHL		6:20	0:40			1	2	4	6	4	3	20	*02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-10:59 may reduce by 1 services outside of Summer Timetable*
Abergele & Pensarn	AGL		9:50	22:00			0	1	3	6	4	1	15	
Colwyn Bay	CWB		6:20	0:40			1	2	4	6	4	3	20	*02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-10:59 may reduce by 1 services outside of Summer Timetable*
Llandudno Junction	LLJ		6:20	0:40			1	2	4	6	4	3	20	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, 07:00-10:59 may reduce by 1 services outside of Summer Timetable
Deganwy	DGY		-	-			0	2	0	0	0	0	2	Through services from CTR only
Llandudno	LLD		-	-			0	2	0	0	0	0	2	Through services from CTR only
Conwy	CNW		9:50	23:00			0	1	2	5	4	1	13	
Penmaenmawr	PMW		9:50	23:00			0	1	2	5	4	1	13	
Llanfairfechan	LLF		9:50	23:00			0	1	2	5	4	1	13	
Bangor Gwynedd	BNG		6:20	0:40			1	2	4	6	4	3	20	*02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-10:59 may reduce by 1 services outside of Summer Timetable*
Llanfairpwll	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	0:40			1	2	4	5	1	3	16	*02:00-06:59 may reduce to 0 services outside of Summer Timetable, 07:00-10:59 may reduce by 1 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	U
26	25	26 services from Chester to Crewe shall have a journey time of no more than 25 minutes	25	24	Of which 25 services shall have a journey time of no more than 24 minutes
20	56	20 services from Chester to Llandudno Junction shall have a journey time of no more than 56 minutes	19	53	Of which 19 services shall have a journey time of no more than 53 minutes
2	76	2 services from Chester to Llandudno shall have a journey time of no more than 76 minutes.	2	76	Of which 2 services shall have a journey time of no more than 76 minutes.
20	76	20 services from Chester to Bangor Gwynedd shall have a journey time of no more than 76 minutes	18	75	Of which 18 services shall have a journey time of no more than 75 minutes
16	115	16 services from Chester to Holyhead shall have a journey time of no more than 115 minutes	14	108	Of which 14 services shall have a journey time of no more than 108 minutes

Station			Early arrival at LLJ from Stn no later than	Late arrival at LLJ from Stn no earlier than	Early departure from LLJ to Stn no later than	Late departure from LLJ to Stn no earlier than	Minimum number of calls at station by W&B services from BFF to LLJ and LLJ to LLD arriving at / departing from LLJ during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Blaenau Ffestiniog	BFF		9:00	20:00			0	2	2	1	1	0	6	
Roman Bridge	RMB		9:00	20:00			0	2	2	1	1	0	6	
Dolwyddelan	DWD		9:00	20:00			0	2	2	1	1	0	6	
Pont Y Pant	PYP		9:00	20:00			0	2	2	1	1	0	6	
Betws Y Coed	BYC		9:00	20:00			0	2	2	1	1	0	6	
Llanrwst	LWR		9:00	20:00			0	2	2	1	1	0	6	
North Llanwrst	NLR		9:00	20:00			0	2	2	1	1	0	6	
Dolgarrog	DLG		9:00	20:00			0	2	2	1	1	0	6	
Tal Y Cafn	TLC		9:00	20:00			0	2	2	1	1	0	6	
Glan Conwy	GCW		9:00	20:00			0	2	2	1	1	0	6	
Llandudno Junction	LLJ	*arr*	9:00	20:00			0	2	2	1	1	0	6	
Llandudno Junction	LLJ	*dep*			10:00	21:00	0	0	12	5	1	0	18	All LLJ to LLD services.
Deganwy	DGY				10:00	21:00	0	0	12	5	1	0	18	All LLJ to LLD services.
Llandudno	LLD				10:00	21:00	0	0	12	5	1	0	18	All LLJ to LLD services.

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
6	61	6 services from Blaenau Ffestiniog to Llandudno Junction shall have a journey time of no more than 61 minutes	6	61	Of which 6 services shall have a journey time of no more than 61 minutes
18	15	18 services from Llandudno Junction to Llandudno shall have a journey time of no more than 15 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 2a December 2024 SU

Confidentiality: TBC

Version: Final

Date: 5/23/2018

North Wales Arrivals

Station			Early arrival at MAN from Stn no later than	Late arrival at MAN from Stn no earlier than	Early arrival at LIV from Stn no later than	Late arrival at LIV from Stn no earlier than	Minimum number of calls at station by W&B services arriving at MAN or LIV during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Chester	CTR		8:50	23:25	9:42	22:15	0	3	12	7	5	3	30	
Helsby	HSB		8:50	23:25	9:42	22:15	0	3	12	7	5	3	30	
Frodsham	FRD		8:50	23:25	9:42	22:15	0	3	12	7	5	3	30	
Runcorn	RUN				9:42	22:15	0	1	6	3	3	1	14	
Liverpool South Parl	LPY				9:42	22:15	0	1	6	3	3	1	14	
Liverpool Lime Stre	LIV						0	1	6	3	3	1	14	
Runcorn East	RUE		8:50	23:05			0	2	6	4	2	2	16	
Warrington Bank Qua	WBQ		8:50	23:05			0	2	6	4	2	2	16	
Earlestown	ERL		8:50	23:05			0	2	6	4	2	2	16	
Newton Le Willows	NLW		8:50	23:05			0	2	6	4	2	2	16	
Manchester Oxford R	MCO		8:50	23:05			0	2	6	4	2	2	16	
Manchester Piccadilly	MAN						0	2	6	4	2	2	16	
Manchester Airport	MIA						0	2	6	4	2	2	16	Based on departure times from MAN

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

Station			Early arrival at CTR from Stn no later than	Late arrival at CTR from Stn no earlier than	Early departure from CTR to Stn no later than	Late departure from CTR to Stn no earlier than	Minimum number of calls at station by W&B services arriving at CTR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Holyhead	HHD		8:55	23:13			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	*7:00-09:59 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	*7:00-09:59 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	*7:00-09:59 may reduce to 0 services outside of Summer Timetable; 19:00-21:59 may reduce by 1 service outside of Summer Timetable*
Bodorgan	BOR		9:40	22:30			0	1	1	2	2	1	7	*7:00-09:59 may reduce to 0 services outside of Summer Timetable; 19:00-21:59 may reduce by 1 service outside of Summer Timetable*
Llanfairpwll	LPG		9:40	22:30			0	1	1	2	2	1	7	*7:00-09:59 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		8:55	23:13			0	2	5	6	3	2	18	*07:00-09:59 may reduce to 0 services outside of Summer Timetable*
Llanfairfechan	LLF		9:40	22:30			0	1	4	4	2	1	12	*07:00-09:59 may reduce to 0 services outside of Summer Timetable*
Penmaenmawr	PMW		9:40	22:30			0	1	4	4	2	1	12	*07:00-09:59 may reduce to 0 services outside of Summer Timetable*
Conwy	CNW		9:40	22:30			0	1	4	4	2	1	12	*07:00-09:59 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		8:55	23:13			0	2	5	6	3	2	18	*Conwy valley services to BFF exluded. See table below for all LLD-LLJ arrivals. 07:00-09:59 may reduce to 0 services outside of Summer Timetable*
Colwyn Bay	CWB		8:55	23:13			0	2	5	6	3	2	18	*07:00-09:59 may reduce to 0 services outside of Summer Timetable*
Abergele & Pensarn	AGL		8:55	22:30			0	1	5	6	3	1	16	*07:00-09:59 may reduce to 0 services outside of Summer Timetable*
Rhyl	RHL		8:55	23:13			0	2	5	6	3	2	18	*07:00-09:59 may reduce to 0 services outside of Summer Timetable*
Prestatyn	PRT		8:55	23:13			0	1	5	6	3	2	17	*07:00-09:59 may reduce to 0 services outside of Summer Timetable*
Flint	FLN		8:55	23:13			0	1	5	6	3	2	17	*07:00-09:59 may reduce to 0 services outside of Summer Timetable*
Shotton	SHT		8:55	22:30			0	2	5	6	3	1	17	*07:00-09:59 may reduce to 0 services outside of Summer Timetable*
Chester	CTR	*arr*					0	2	5	6	3	2	18	*07:00-09:59 may reduce to 0 services outside of Summer Timetable*
													0	
Services between CTR and CRE specified							0	0	0	0	0	0	0	
based on departure time from CTR							0	0	0	0	0	0	0	
													0	
Crewe	CRE				7:56	23:00	0	5	9	5	6	2	27	*Based on departure times at CTR. 07:00-09:59 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	123	12 services from Holyhead to Chester shall have a journey time of no more than 123 minutes	10	112	Of which 10 services shall have a journey time of no more than 112 minutes
18	82	18 services from Bangor Gwynedd to Chester shall have a journey time of no more than 82 minutes	17	79	Of which 17 services shall have a journey time of no more than 79 minutes
0	0	0 services from Llandudno to Chester shall have a journey time of no more than 0 minutes.	0	0	Of which 0 services shall have a journey time of no more than 0 minutes.
18	60	18 services from Llandudno Junction to Chester shall have a journey time of no more than 60 minutes	17	57	Of which 17 services shall have a journey time of no more than 57 minutes
27	26	27 services from Crewe to Chester shall have a journey time of no more than 26 minutes	24	25	Of which 24 services shall have a journey time of no more than 25 minutes

Station			Early arrival at LLJ from Stn no later than	Late arrival at LLJ from Stn no earlier than	Early departure from LLJ to Stn no later than	Late departure from LLJ to Stn no earlier than	Minimum number of calls at station by W&B services from LLD to LLJ and LLJ to BFF arriving at /departing from LLJ during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
							0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Llandudno	LLD		10:32	19:05			0	0	10	5	1	0	16	All LLD to LLJ services
Deganwy	DGY		10:32	19:05			0	0	10	5	1	0	16	All LLD to LLJ services
Llandudno Junction	LLJ	*arr*	10:32	19:05			0	0	10	5	1	0	16	All LLD to LLJ services
Llandudno Junction	LLJ	*dep*			6:59	19:09	1	1	2	1	1	0	6	
Glan Conwy	GCW				9:00	19:09	0	1	2	1	1	0	5	
Tal Y Cafn	TLC				6:59	19:09	1	1	2	1	1	0	6	
Dolgarrog	DLG				9:00	19:09	0	1	2	1	1	0	5	
North Llanwrst	NLR				9:00	19:09	0	1	2	1	1	0	5	
Llanrwst	LWR				6:59	19:09	1	1	2	1	1	0	6	
Betws Y Coed	BYC				6:59	19:09	1	1	2	1	1	0	6	
Pont Y Pant	PYP				9:00	19:09	0	1	2	1	1	0	5	
Dolwyddelan	DWD				9:00	19:09	0	1	2	1	1	0	5	
Roman Bridge	RMB				9:00	19:09	0	1	2	1	1	0	5	
Blaenau Ffestiniog	BFF				6:59	19:09	1	1	2	1	1	0	6	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
16	13	16 services from Llandudno to Llandudno Junction shall have a journey time of no more than 13 minutes	16	13	Of which 16 services shall have a journey time of no more than 13 minutes
6	66	6 services from Llandudno Junction to Blaenau Ffestiniog shall have a journey time of no more than 66 minutes	5	65	Of which 5 services shall have a journey time of no more than 65 minutes

End