

Train Service Requirements

Wales and Borders Rail Service and South Wales Metro Weekdays TSR 1c December 2022 SX

Confidentiality	TBC
Version	Final
Date	5/23/2018

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Train Service Requirement tables - Guidance notes

This note accompanies the Train Service Requirement (TSR). The TSR sets out the minimum level of service to be provided.

The TSR tables in this file relate to the standard Weekdays service. Separate TSRs will be provided for:

- Weekdays
- Saturdays
- Sundays

The TSR represents the minimum number of direct services required to be operated between specified stations during a specified time interval.

The TSR also specifies the latest time at which the first train between two stations must operate, and the earliest time at which the last train between two stations must operate.

The Wales and Borders (W&B) network has been divided into nine geographic route sections:

- West of Cardiff, between Cardiff and Swansea via the South Wales Main Line (SWML) including the Maesteg branch;
 - West of Swansea, comprising the SWML west of Swansea, including the Pembroke Dock and Fishguard branches
 - Heart of Wales Line between Swansea and Shrewsbury;
 - Cardiff Valley Lines, north of Cardiff sections;
 - Cardiff Valley Lines, south of Cardiff sections, including the City Line serving Radyr and the Vale of Glamorgan Line serving Rhooose and Bridgend;
 - East of Cardiff, comprising the route between Cardiff and Gloucester / Cheltenham and the Marches route between Cardiff, Chester and Manchester;
 - Cambrian, between Birmingham and Aberystwyth and the Cambrian Coast line serving Pwllheli;
 - North Wales, between Manchester, Llandudno and Holyhead, including the Blaenau Ffestiniog branch and services between Crewe and Chester and between Liverpool and Chester;
- and
- Borderlands, between Wrexham and Bidston.

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

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

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

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

Each station on a route has the number of services specified to or from a 'key' station. The 'key' station is specified in the table header. The time intervals relate to arrival or departure times at that 'key' station. The first and last trains also relate to the arrival or departure times at the key station unless otherwise stated in column O.

The key stations used are:

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

Compliance and Flexibility

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

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

Bank Holidays

On Bank Holidays a weekday service shall operate on all routes

On Christmas Day there is no requirement to run a service

On Boxing Day there is no requirement to run a service

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

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The Franchise Operator shall or shall procure that on each of the following Passenger Services on-train catering facilities will be provided at the times and for the parts of such services specified below.

For the avoidance of doubt, this obligation shall apply to Passenger Services where the scheduled time of departure from the origin station is within the times set out below.

Such on-train catering facilities shall include as a minimum the provision of hot and cold drinks, sandwiches and snacks. Where a 'hot meal' is specified this must include the availability of a full cooked meal (breakfast or dinner as appropriate), which may be pre-prepared.

Birmingham - North Wales

Scheduled departures on Mondays-Fridays before 0759 to be covered from Chester to Llandudno Junction

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

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

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

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

North Wales - Birmingham

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

Birmingham - Aberystwth

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

Aberystwyth - Birmingham

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

Aberystwyth - Shrewsbury

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

Shrewsbury - Aberystwyth

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

North Wales- Manchester

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

Manchester - North Wales

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

North Wales - Cardiff

Scheduled departures on Monday - Friday between 08:00 and 18:00 to be covered Llandudno Junction to Newport. Holyhead to Llandudno Junction not required unless connecting from a ferry in Summer
One service arriving at Cardiff between 0930 and 0959 and one service arriving at Cardiff between 2000 and 2159 shall include the availability of hot meals.

Cardiff - North Wales

Scheduled departures on Monday - Friday between 08:00 and 18:00 to be covered Newport - Llandudno Junction. Llandudno Junction to Holyhead not required unless connecting with a ferry in Summer
One service departing Cardiff between 0600 and 0759 and one service departing Cardiff between 1700 and 1759 shall include the availability of hot meals

Cardiff - Manchester

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

Manchester- Cardiff

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

Carmarthen - Swansea

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

Swansea - Carmarthen

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

Cardiff - Swansea

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

Swansea - Cardiff

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

Milford Haven - Carmarthen

3 services per day to be covered Mondays to Friday

Carmarthen - Milford Haven

3 services per day to be covered Mondays to Friday

Carmarthen - Fishguard Harbour

1 service per day to be covered Mondays to Friday

Fishguard Harbour - Carmarthen

1 service per day to be covered Mondays to Friday

Heart of Wales

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

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Services are specified in the TSR tables to and from key stations. A number of services are also required to run beyond the key station shown in the TSR table, thus providing direct links between stations elsewhere on the network. These "Through" services are detailed below:

Manchester - Shrewsbury - Cardiff Central

A minimum of 15 direct services per day shall be provided northbound between Cardiff Central and Manchester Piccadilly. As a minimum these services will call at Cardiff Central, Newport, Shrewsbury and Crewe.

A minimum of 15 direct services per day shall be provided southbound between Manchester Piccadilly and Cardiff Central. As a minimum these services will call at Crewe, Shrewsbury, Newport and Cardiff Central.

North Wales – Cardiff Central

A minimum of 8 direct services per day shall be provided northbound between Cardiff Central and Llandudno Junction. As a minimum these services will call at Newport, Shrewsbury, Wrexham and Chester.

A minimum of 8 direct services per day shall be provided southbound between Llandudno Junction and Cardiff Central. As a minimum these services will call at Chester, Wrexham, Shrewsbury and Newport

At least 7 services northbound and 7 southbound shall also extend to/from Holyhead, calling, as a minimum, at Bangor.

One northbound service shall depart Cardiff between 1700 and 1759 and shall have a journey time between Cardiff and Holyhead of no more than 4hr 30min

One southbound service shall arrive at Cardiff between 0930 and 0959 and shall have a journey time between Holyhead and Cardiff of no more than 4hr 25min

From December 2019, one northbound service shall depart Cardiff between 0600 and 0759 and shall have a journey time between Cardiff and Holyhead of no more than 4hr 30min

From December 2019, one southbound service shall arrive at Cardiff between 2000 and 2159 and shall have a journey time between Holyhead and Cardiff of no more than 4hr 25min

These services shall include Business Class, catering should include the availability of hot meals.

Swansea Extensions

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

Birmingham – North Wales

A minimum of 5 direct services per day shall be provided northbound between Birmingham New Street and Llandudno Junction. As a minimum these services will call at Shrewsbury, Wrexham and Chester.

A minimum of 5 direct services per day shall be provided southbound between Llandudno Junction and Birmingham New Street. As a minimum these services will call at Chester, Wrexham and Shrewsbury.

At least 4 services northbound and 4 southbound shall also extend to/from Holyhead, calling, as a minimum, at Bangor.

At least 4 services northbound and 4 southbound shall also extend from/to Birmingham International.

Conwy Valley

A minimum of 5 direct services per day shall be provided northbound between Blaenau Ffestiniog and Llandudno. These services will call at all stations. One of these five may terminate at Llandudno Junction provided that there is a connection within 10 minutes for Llandudno.

A minimum of 5 direct services per day shall be provided southbound between Llandudno and Blaenau Ffestiniog. These services will call at all stations. One of these five may commence from Llandudno Junction provided that there is a connection within 10 minutes from Llandudno.

Cambrian Line

A minimum of 12 direct services per day shall be provided eastbound between Aberystwyth and Shrewsbury. As a minimum, these services shall call at Machynlleth.

A minimum of 12 direct services per day shall be provided westbound between Shrewsbury and Aberystwyth. As a minimum, these services shall call at Machynlleth.

At least 8 services westbound and 8 eastbound shall also extend from/to Birmingham New Street, calling, as a minimum, at Wolverhampton.

Of the 8 Birmingham New Street services, at least 7 services westbound and 7 eastbound shall also extend from/to Birmingham International.

A minimum of 5 direct services westbound and 4 direct services eastbound shall be provided per day between Pwllheli and Birmingham New Street. A further direct service shall be provided eastbound between Barmouth and Birmingham New Street.

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

During the winter period, the number of through services between Pwllheli and Birmingham New Street may be reduced to 3 westbound and 4 eastbound.

Manchester – North Wales

A minimum of 13 direct services per day shall be provided eastbound between Llandudno Junction and Manchester Piccadilly. As a minimum these services will call at Chester, Warrington Bank Quay and Manchester Oxford Road.

A minimum of 13 direct services per day shall be provided westbound between Manchester Piccadilly and Llandudno Junction. As a minimum these services will call at Manchester Oxford Road, Warrington Bank Quay and Chester.

At least 2 services westbound and 2 eastbound shall also extend to/from Holyhead, calling, as a minimum, at Bangor.

At least 7 services westbound/northbound and 7 eastbound/southbound shall also extend from/to Manchester Airport.

1 eastbound service may omit a station call at Manchester Oxford Road

West Wales – Carmarthen – Swansea - Cardiff Central

A minimum of 18 direct services westbound shall be provided per day between Swansea and stations west of Carmarthen. Of these services:

5 shall run to Pembroke Dock, calling, as a minimum, at Tenby and 1 to Tenby;

9 shall run to Milford Haven; and

3 shall run to Fishguard Harbour. (1 service may omit a station call at Carmarthen)

A direct service shall be provided between Swansea and Fishguard Harbour providing a connection with the afternoon ferry to Rosslare Harbour.

A direct service shall be provided between Carmarthen and Fishguard Harbour providing a connection with the nighttime ferry to Rosslare Harbour.

A minimum of 18 direct services eastbound shall be provided per day between stations west of Carmarthen and Swansea. Of these services:

6 shall run from Pembroke Dock, calling, as a minimum, at Tenby and 1 from Tenby;

8 shall run from Milford Haven; and

2 shall run from Fishguard Harbour.

A direct service shall be provided between Fishguard Harbour and Cardiff Central providing a connection with the morning ferry from Rosslare Harbour.

A direct service shall be provided between Fishguard Harbour and Swansea providing a connection with the evening ferry from Rosslare Harbour.

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Journey Times for Through Services

Journey times						
From	To	Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
Cardiff Central	Crewe	20	182	20 services from Cardiff Central to Crewe shall have a journey time of no more than 182 minutes	15	161
Cardiff Central	Manchester Piccadilly	16	216	16 services from Cardiff Central to Manchester Piccadilly shall have a journey time of no more than 216 minutes	12	211
Manchester Piccadilly	Cardiff Central	15	227	15 services from Manchester Piccadilly to Cardiff Central shall have a journey time of no more than 227 minutes	12	201
Crewe	Cardiff Central	17	176	17 services from Crewe to Cardiff Central shall have a journey time of no more than 176 minutes	14	170
Cardiff Central	Wrexham	15	158	15 services from Cardiff Central to Wrexham shall have a journey time of no more than 158 minutes	15	158
Cardiff Central	Chester	18	183	18 services from Cardiff Central to Chester shall have a journey time of no more than 183 minutes	15	176
Cardiff Central	Llandudno Junction	8	248	8 services from Cardiff Central to Llandudno Junction shall have a journey time of no more than 248 minutes	6	228
Cardiff Central	Bangor	8	271	8 services from Cardiff Central to Bangor shall have a journey time of no more than 271 minutes	6	247
Cardiff Central	Holyhead	8	301	8 services from Cardiff Central to Holyhead shall have a journey time of no more than 301 minutes	6	290
Holyhead	Cardiff Central	8	288	8 services from Holyhead to Cardiff Central shall have a journey time of no more than 288 minutes	6	279
Bangor	Cardiff Central	8	250	8 services from Bangor to Cardiff Central shall have a journey time of no more than 250 minutes	6	248
Llandudno Junction	Cardiff Central	9	232	9 services from Llandudno Junction to Cardiff Central shall have a journey time of no more than 232 minutes	7	227
Chester	Cardiff Central	16	179	16 services from Chester to Cardiff Central shall have a journey time of no more than 179 minutes	13	171
Wrexham	Cardiff Central	16	165	16 services from Wrexham to Cardiff Central shall have a journey time of no more than 165 minutes	12	156
Swansea	Shrewsbury	14	194	14 services from Swansea to Shrewsbury shall have a journey time of no more than 194 minutes	11	185
Swansea	Crewe	14	230	14 services from Swansea to Crewe shall have a journey time of no more than 230 minutes	11	218
Swansea	Manchester Piccadilly	12	273	12 services from Swansea to Manchester Piccadilly shall have a journey time of no more than 273 minutes	9	263
Manchester Piccadilly	Swansea	12	299	12 services from Manchester Piccadilly to Swansea shall have a journey time of no more than 299 minutes	9	264
Crewe	Swansea	14	259	14 services from Crewe to Swansea shall have a journey time of no more than 259 minutes	11	229
Shrewsbury	Swansea	15	222	15 services from Shrewsbury to Swansea shall have a journey time of no more than 222 minutes	12	190
Birmingham New Street	Wrexham	9	123	9 services from Birmingham New Street to Wrexham shall have a journey time of no more than 123 minutes	6	94
Birmingham New Street	Chester	10	245	10 services from Birmingham New Street to Chester shall have a journey time of no more than 245 minutes	7	111
Birmingham New Street	Llandudno Junction	7	170	7 services from Birmingham New Street to Llandudno Junction shall have a journey time of no more than 170 minutes	6	164
Birmingham New Street	Bangor	5	195	5 services from Birmingham New Street to Bangor shall have a journey time of no more than 195 minutes	4	191
Birmingham New Street	Holyhead	5	234	5 services from Birmingham New Street to Holyhead shall have a journey time of no more than 234 minutes	4	229
Holyhead	Birmingham New Street	5	247	5 services from Holyhead to Birmingham New Street shall have a journey time of no more than 247 minutes	4	245
Bangor	Birmingham New Street	5	212	5 services from Bangor to Birmingham New Street shall have a journey time of no more than 212 minutes	4	210
Llandudno Junction	Birmingham New Street	5	190	5 services from Llandudno Junction to Birmingham New Street shall have a journey time of no more than 190 minutes	4	188
Chester	Birmingham New Street	7	130	7 services from Chester to Birmingham New Street shall have a journey time of no more than 130 minutes	6	127
Wrexham	Birmingham New Street	6	114	6 services from Wrexham to Birmingham New Street shall have a journey time of no more than 114 minutes	5	113
Blaenau Ffestiniog	Llandudno	5	86	5 services from Blaenau Ffestiniog to Llandudno shall have a journey time of no more than 86 minutes	4	84
Llandudno	Blaenau Ffestiniog	5	86	5 services from Llandudno to Blaenau Ffestiniog shall have a journey time of no more than 86 minutes	4	85
Aberystwyth	Shrewsbury	15	112	15 services from Aberystwyth to Shrewsbury shall have a journey time of no more than 112 minutes	12	110
Aberystwyth	Birmingham New Street	13	185	13 services from Aberystwyth to Birmingham New Street shall have a journey time of no more than 185 minutes	6	184
Birmingham New Street	Aberystwyth	13	189	13 services from Birmingham New Street to Aberystwyth shall have a journey time of no more than 189 minutes	7	177
Shrewsbury	Aberystwyth	16	120	16 services from Shrewsbury to Aberystwyth shall have a journey time of no more than 120 minutes	12	115
Pwelli	Shrewsbury	5	236	5 services from to shall have a journey time of no more than 236 minutes	4	228
Pwelli	Birmingham New Street	5	303	5 services from to shall have a journey time of no more than 303 minutes	4	298
Birmingham New Street	Pwelli	5	300	5 services from to shall have a journey time of no more than 300 minutes	4	299
Shrewsbury	Pwelli	5	238	5 services from to shall have a journey time of no more than 238 minutes	4	237
Manchester Piccadilly	Chester	21	68	21 services from Manchester Piccadilly to Chester shall have a journey time of no more than 68 minutes	20	66
Manchester Piccadilly	Llandudno Junction	14	128	14 services from Manchester Piccadilly to Llandudno Junction shall have a journey time of no more than 128 minutes	11	113
Llandudno Junction	Manchester Piccadilly	15	125	15 services from Llandudno Junction to Manchester Piccadilly shall have a journey time of no more than 125 minutes	13	112
Chester	Manchester Piccadilly	21	71	21 services from Chester to Manchester Piccadilly shall have a journey time of no more than 71 minutes	16	62
Fishguard Harbour	Swansea	2	114	2 services from Fishguard Harbour to Swansea shall have a journey time of no more than 114 minutes	2	114
Milford Haven	Swansea	8	105	8 services from Milford Haven to Swansea shall have a journey time of no more than 105 minutes	6	104
Pembroke Dock	Swansea	7	147	7 services from Pembroke Dock to Swansea shall have a journey time of no more than 147 minutes	6	140
Swansea	Fishguard Harbour	4	117	4 services from Swansea to Fishguard Harbour shall have a journey time of no more than 117 minutes	3	117
Swansea	Milford Haven	9	115	9 services from Swansea to Milford Haven shall have a journey time of no more than 115 minutes	8	110
Swansea	Pembroke Dock	5	142	5 services from Swansea to Pembroke Dock shall have a journey time of no more than 142 minutes	4	141
Fishguard Harbour	Cardiff Central	2	179	2 services from Fishguard Harbour to Cardiff Central shall have a journey time of no more than 179 minutes	2	179
Milford Haven	Cardiff Central	8	170	8 services from Milford Haven to Cardiff Central shall have a journey time of no more than 170 minutes	6	168
Cardiff Central	Fishguard Harbour	1	180	1 services from Cardiff Central to Fishguard Harbour shall have a journey time of no more than 180 minutes	1	180
Cardiff Central	Milford Haven	9	194	9 services from Cardiff Central to Milford Haven shall have a journey time of no more than 194 minutes	7	180
Cardiff Central	Pembroke Dock	1	213	1 services from Cardiff Central to Pembroke Dock shall have a journey time of no more than 213 minutes	1	213

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

Abererch
Bodorgan
Broome
Builth Road
Bynea
Cilmeri
Clarbeston Road
Clunderwen
Conwy
Cynghordy
Deganwy
Dolgarrog
Dolwyddelan
Dyffryn Ardudwy
Fairfach
Ferryside
Garth (Powys)
Gilfach Fargoed (until station is closed as part of CVL transformation)
Glan Conwy
Hawarden Bridge
Hopton Heath
Johnston
Kidwelly
Kilgetty
Lamphey
Llanaber
Llanbedr
Llanbister Road
Llandanwg
Llandecwyn
Llanfairfechan
Llanfairpwll
Llangammarch
Llangennech
Llangynllo
Llwyngwriil
Morfa Mawddach
Narberth
North Llanwrst
Penally
Penhelig
Penmaenmawr
Pensarn
Pen-y-bont
Penychain
Pontarddulais
Pont-y-pant
Prees
Rhosneigr
Roman Bridge
Saundersfoot
Sugar Loaf
Talsarnau
Talybont
Tonfanau
Ty Croes
Valley
Wrenbury
Yorton

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Cardiff West Departures

Station	Early departure from CDF to stn no later than		Late departure from CDF to stn no earlier than		Column unused	Column unused	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	
	A	B	C	D			E	H	I	J	K	L	M		N
	0659	0700 - 0959	1000 - 1559	1600 - 1859			1900 - 2159	2200 - 0159	Total Day						
Cardiff Central	CDF						4	10	18	9	6	3	50		
Pontyclun	PYC	5:38	23:15				1	3	6	5	3	2	20		
Llanharan	LLR	5:38	23:15				1	3	6	4	3	2	19		
Pencoed	PCD	5:38	23:15				1	3	6	5	3	2	20		
Bridgend	BGN	5:38	23:15				4	10	18	9	6	3	50		
Wildmill	WMI	5:55	22:34				2	3	6	3	3	1	18	Excludes services via RIA	
Sarn	SRR	5:55	22:34				2	3	6	3	3	1	18		
Tondu	TDU	5:55	22:34				2	3	6	3	3	1	18		
Garth Mid Glam	GMG	5:55	22:34				2	3	6	3	3	1	18		
Maesteg Eweny Rd	MEW	5:55	22:34				2	3	6	3	3	1	18		
Maesteg	MST	5:55	22:34				2	3	6	3	3	1	18		
Pyle	PYL	5:38	23:17				2	3	3	4	2	1	15		
Port Talbot Parkway	PTA	5:38	23:17				2	5	9	4	3	2	25		
Baglan	BAJ	5:38	23:17				2	3	3	3	0	1	12		
Briton Ferry	BNF	5:38	23:17				2	3	3	3	0	1	12		
Neath	NTH	5:38	23:17				2	5	9	4	3	1	24	1 additional call to be provided FO by a service departing CDF 22:00-01:59	
Skewen	SKE	5:38	23:17				2	3	3	3	0	1	12		
Llansamlet	LAS	5:38	23:17				2	3	3	3	0	1	12		
Swansea	SWA	5:38	23:17				2	5	9	4	3	1	24	1 additional call to be provided FO by a service departing CDF 22:00-01:59	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
51	30	51 services from Cardiff Central to Bridgend shall have a journey time of no more than 30 minutes	38	27	Of which 38 services shall have a journey time of no more than 27 minutes
18	50	18 services from Cardiff Central to Maesteg shall have a journey time of no more than 50 minutes	18	50	Of which 18 services shall have a journey time of no more than 50 minutes
25	75	25 services from Cardiff Central to Swansea shall have a journey time of no more than 75 minutes	19	68	Of which 19 services shall have a journey time of no more than 68 minutes

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Cardiff West Arrivals

Station	A	B	C	Early arrival at CDF from Stn no later than	Late arrival at CDF from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Swansea	SWA			7:45	23:40			0	4	10	5	3	2	24	
Llansamlet	LAS			7:45	23:40			0	1	3	3	1	2	10	
Skewen	SKE			7:45	23:40			0	1	3	3	1	2	10	
Neath	NTH			7:45	23:40			0	4	9	5	3	2	23	
Briton Ferry	BNF			7:45	23:40			0	1	3	3	1	2	10	
Baglan	BAJ			7:45	23:40			0	1	3	3	1	2	10	
Port Talbot Parkway	PTA			6:45	23:40			1	4	9	5	3	2	24	
Pyle	PYL			6:45	23:40			1	3	3	3	1	2	13	
Maesteg	MST			7:35	23:06			0	3	6	3	3	2	17	
Maesteg Eweny Rd	MEW			7:35	23:06			0	3	6	3	3	2	17	
Garth Mid Glam	GMG			7:35	23:06			0	3	6	3	3	2	17	
Tondu	TDU			7:35	23:06			0	3	6	3	3	2	17	
Sarn	SRR			7:35	23:06			0	3	6	3	3	2	17	
Wildmill	WMI			7:35	23:06			0	3	6	3	3	2	17	
Bridgend	BGN			6:45	23:40			1	9	21	11	6	4	52	Excludes services via RIA
Pencoed	PCD			6:45	23:06			1	5	6	3	3	2	20	
Llanharan	LLR			6:45	23:06			1	5	6	3	3	2	20	
Pontyclun	PYC			6:45	23:06			1	5	6	3	3	2	20	
Cardiff Central	CDF							1	9	21	11	6	4	52	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
24	69	24 services from Swansea to Cardiff Central shall have a journey time of no more than 69 minutes	18	63	Of which 18 services shall have a journey time of no more than 63 minutes
17	53	17 services from Maesteg to Cardiff Central shall have a journey time of no more than 53 minutes	14	50	Of which 14 services shall have a journey time of no more than 50 minutes
52	34	52 services from Bridgend to Cardiff shall have a journey time of no more than 34 minutes	44	29	Of which 44 services shall have a journey time of no more than 29 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1c December 2022 SX
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Cardiff South Departures

Station	A	B	C	Early departure from CDF to stn no later than	Late departure from CDF to stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Cardiff Central	CDF	dep						12	30	60	29	15	8	154	
Ninian Park	NNP			7:05	23:05			1	6	12	6	3	2	30	Up to 2 services may depart CDF 0200-0659 towards BGN via main line
Waungron Park	WNG			7:05	23:05			1	6	12	6	3	2	30	
Fairwater	FRW			7:05	23:05			1	6	12	6	3	2	30	
Danescourt	DCT			7:05	23:05			1	6	12	6	3	2	30	
Radyr	RDR			7:05	23:05			1	6	12	6	3	2	30	Stopping services on City Line via FRW only
Grange town (Cardiff)	GTN			5:07	23:26			11	24	48	23	12	6	124	
Dingle Road	DGL			6:15	23:01			4	12	24	11	6	3	60	
Penarth	PEN			6:15	23:01			4	12	24	11	6	3	60	
Cogan	CGN			5:07	23:26			7	12	24	12	6	3	64	
Eastbrook	EBK			5:07	23:26			7	12	24	12	6	3	64	
Dinas Powys	DNS			5:07	23:26			7	12	24	12	6	3	64	
Cadoxton	CAD			5:07	23:26			7	12	24	12	6	3	64	
Barry Docks	BYD			5:07	23:26			7	12	24	12	6	3	64	
Barry	BRY			5:07	23:26			7	12	24	12	6	3	64	
Barry Island	BYI			5:20	23:26			4	9	18	9	3	2	45	
Rhoose Cardiff International Air RIA	RIA			5:20	22:47			3	3	6	3	3	1	19	
Llantwit Major	LWM			5:20	22:47			3	3	6	3	3	1	19	
Bridgend	BGN	arr		5:20	22:47			3	3	6	3	3	1	19	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
30	23	30 services from Cardiff Central to Radyr shall have a journey time of no more than 23 minutes	30	23	Of which 30 services shall have a journey time of no more than 23 minutes
60	16	60 services from Cardiff Central to Penarth shall have a journey time of no more than 16 minutes	60	16	Of which 60 services shall have a journey time of no more than 16 minutes
45	31	45 services from Cardiff Central to Barry Island shall have a journey time of no more than 31 minutes	45	31	Of which 45 services shall have a journey time of no more than 31 minutes
19	61	19 services from Cardiff Central to Bridgend shall have a journey time of no more than 61 minutes	19	61	Of which 19 services shall have a journey time of no more than 61 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1c December 2022 SX
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Cardiff South Arrivals

Station	A	B	C	Early arrival at CDF from Stn no later than	Late arrival at CDF from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Bridgend	BGN			6:47	23:45			1	3	6	3	3	2	18	Services via RIA only	
Llantwit Major	LWM			6:47	23:45			1	3	6	3	3	2	18		
Rhoose Cardiff International /RIA				6:47	23:45			1	3	6	3	3	2	18		
Barry Island	BYI			5:47	23:15			3	9	18	9	5	2	46		
Barry	BYR			5:47	23:45			4	12	24	12	8	4	64		
Barry Docks	BYD			5:47	23:45			4	12	24	12	8	4	64		
Cadoxton	CAD			5:47	23:45			4	12	24	12	8	4	64		
Dinas Powys	DNS			5:47	23:45			4	12	24	12	8	4	64		
Eastbrook	EBK			5:47	23:45			4	12	24	12	8	4	64		
Cogan	CGN			5:47	23:45			4	12	24	12	8	4	64		
Penarth	PEN			6:15	23:40			2	12	24	12	6	4	60		
Dingle Road	DGL			6:15	23:40			2	12	24	12	6	4	60		
Grange town (Cardiff)	GTN			5:47	23:45			6	24	48	24	14	8	124		
Radyr	RDR			7:25	22:55			0	6	12	6	4	1	29	Stopping services on City Line via FRW only	
Danescourt	DCT			7:25	22:55			0	6	12	6	4	1	29		
Fairwater	FRW			7:25	22:55			0	6	12	6	4	1	29		
Waungron Park	WNG			7:25	22:55			0	6	12	6	4	1	29		
Ninian Park	NNP			7:25	22:55			0	6	12	6	4	1	29	Up to 3 services may arrive at CDF 2200-0159 from BGN via main	
Cardiff Central	CDF							6	30	60	30	18	9	153		

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
18	68	18 services from Bridgend to Cardiff Central shall have a journey time of no more than 68 minutes	18	68	Of which 18 services shall have a journey time of no more than 68 minutes
46	32	46 services from Barry Island to Cardiff Central shall have a journey time of no more than 32 minutes	46	32	Of which 46 services shall have a journey time of no more than 32 minutes
60	16	60 services from Penarth to Cardiff Central shall have a journey time of no more than 16 minutes	60	16	Of which 60 services shall have a journey time of no more than 16 minutes
29	21	29 services from Radyr to Cardiff Central shall have a journey time of no more than 21 minutes	29	21	Of which 29 services shall have a journey time of no more than 21 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 14 December 2022 SK
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Cardiff North Departures

Station	Early departure to Sin from CDF no later than					Late departure from CDB no earlier than					Minimum number of calls at station by W&B services departing from CDF or CDB during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Total Day			
	0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2200	2200 - 0159												
Cardiff Central	CDF							15	48	96	48	30	17	254				
Cardiff Bay	CDB				6:35	23:50		4	18	36	18	18	11	105				
Cardiff Queen St	CDQ	5:25	23:35					18	60	120	60	45	26	329				
Heath Low Level	HLL	6:20	23:03					2	6	12	6	3	2	31				
Ty Glas	TGS	6:20	23:03					2	6	12	6	3	2	31				
Birchgrove	BCG	6:20	23:03					2	6	12	6	3	2	31				
Rhwbina	RHB	6:20	23:03					2	6	12	6	3	2	31				
Whitchurch (Cardiff)	WHT	6:20	23:03					2	6	12	6	3	2	31				
Coyton	COY	6:20	23:03					2	6	12	6	3	2	31				
Heath High Level	HHL	5:44	23:09					5	18	36	18	6	3	86				
Llanishan	LLS	5:44	23:09					5	18	36	18	6	3	86				
Llanse and Thornhill	LVT	5:44	23:09					5	18	36	18	6	3	86				
Caerphilly	CPH	5:44	23:09					5	18	36	18	6	3	86				
Aber	ABE	6:00	23:09					3	12	24	12	6	3	60				
Energlyn & C. Pl.	ECP	6:00	23:09					3	12	24	12	6	3	60				
Llanbradach	LNB	6:00	23:09					3	12	24	12	6	3	60				
Naras Mynach	YMH	6:00	23:09					3	12	24	12	6	3	60				
Hengoed	HNG	6:00	23:09					3	12	24	12	6	3	60				
Pungam	PGM	6:00	23:09					3	12	24	12	6	3	60				
Giffach Fargod	GIF	6:00	23:09					3	12	24	12	6	3	60				
Bargod	BGD	6:00	23:09					3	12	24	12	6	3	60				
Breidr	BHD	7:30	23:35					0	5	6	6	3	1	21				
Tir-phl	TIR	7:30	23:35					0	5	6	6	3	1	21				
Pontlottyn	PLT	7:30	23:35					0	5	6	6	3	1	21				
Rhymey	RHY	7:30	23:35					0	5	6	6	3	1	21				
Cathays	CYS	5:25	23:35					11	36	72	36	36	21	212				
Llandaf	LLN	5:25	23:35					11	36	72	36	36	21	212				
Ridge	RDR	5:25	23:35					11	36	72	36	36	21	212	Excludes stopping services on Coy Line via FRW			
Tufts Well	TAF	5:25	23:35					11	36	72	36	36	21	212				
Treforest Estate	TRE	5:25	23:35					11	36	72	36	36	21	212				
Treforest	TRF	5:25	23:35					11	36	72	36	36	21	212				
Pontygidd	PRD	5:25	23:35					11	36	72	36	36	21	212				
Trehafod	TRH	6:35	23:35					2	12	24	12	12	7	69				
Porth	POR	6:35	23:35					2	12	24	12	12	7	69				
Dinas Mid Glam	DMG	6:35	23:35					2	12	24	12	12	7	69				
Tonypandy	TYP	6:35	23:35					2	12	24	12	12	7	69				
Llwynypia	LLY	6:35	23:35					2	12	24	12	12	7	69				
Ystrad Rhondda	YSR	6:35	23:35					2	12	24	12	12	7	69				
Ton Penre	TPN	6:35	23:35					2	12	24	12	12	7	69				
Trecerby	TRC	6:35	23:35					2	12	24	12	12	7	69				
Ysgwyn	YSW	6:35	23:35					2	12	24	12	12	7	69				
Treherbert	TRB	6:35	23:35					2	12	24	12	12	7	69				
Aberystwyth	ACT	5:25	23:00					9	24	48	24	24	14	143				
Ronhewader	FER	6:12	23:00					4	12	24	12	12	7	71				
Mounain Ash	MTA	6:12	23:00					4	12	24	12	12	7	71				
Fernhill	FER	6:12	23:00					4	12	24	12	12	7	71				
Cumbeth	CPH	6:12	23:00					4	12	24	12	12	7	71				
Aberdare	ABA	6:12	23:00					4	12	24	12	12	7	71				
Quakers Yard	QYD	5:25	23:11					5	12	24	12	12	7	72				
Merthyr Vale	MEV	5:25	23:11					5	12	24	12	12	7	72				
Troad Y Rhw	TRD	5:25	23:11					5	12	24	12	12	7	72				
Raina North	FRB	5:25	23:11					5	12	24	12	12	7	72				
Merthyr Tydfil	MER	5:25	23:11					5	12	24	12	12	7	72				

End

Number of services	Public journey time (mins)	Journey times				Number of services	Public journey time (mins)	
		R		U				
		P	Q	S	T			
224	8	224 services from Cardiff Central to Cardiff Queen St shall have a journey time of no more than 8 minutes				224	8	Of which 224 services shall have a journey time of no more than 8 minutes
31	26	31 services from Cardiff Central to Coyton shall have a journey time of no more than 26 minutes				31	26	Of which 31 services shall have a journey time of no more than 26 minutes
86	27	86 services from Cardiff Central to Caerphilly shall have a journey time of no more than 27 minutes				86	27	Of which 86 services shall have a journey time of no more than 27 minutes
60	52	60 services from Cardiff Central to Bargod shall have a journey time of no more than 52 minutes				60	52	Of which 60 services shall have a journey time of no more than 52 minutes
21	69	21 services from Cardiff Central to Rhymey shall have a journey time of no more than 69 minutes				21	69	Of which 21 services shall have a journey time of no more than 69 minutes
107	46	107 services from Cardiff Central to Pontygidd shall have a journey time of no more than 46 minutes				107	46	Of which 107 services shall have a journey time of no more than 46 minutes
35	82	35 services from Cardiff Central to Treherbert shall have a journey time of no more than 82 minutes				35	82	Of which 35 services shall have a journey time of no more than 82 minutes
35	67	35 services from Cardiff Central to Aberdare shall have a journey time of no more than 67 minutes				35	67	Of which 35 services shall have a journey time of no more than 67 minutes
37	65	37 services from Cardiff Central to Merthyr Tydfil shall have a journey time of no more than 65 minutes				37	65	Of which 37 services shall have a journey time of no more than 65 minutes

Wales and Borders Rail and South Wales Metro

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Cardiff North Arrivals

Station	Early arrival at CDF		Late arrival at CDF		Early arrival at CDB		Late arrival at CDB		Minimum number of calls at station by W&B services arriving at CDF or CDB during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
	A	B	C	D	E	F	G	H	I	J	K	L	M	N		
Merthyr Tydfil	MER	6:18	23:58						3	12	24	12	12	9	72	
Pentre bach	PTB	6:18	23:58						3	12	24	12	12	9	72	
Troed y Rhw	TRD	6:18	23:58						3	12	24	12	12	9	72	
Merthyr Vale	MVY	6:18	23:58						3	12	24	12	12	9	72	
Quakers Yard	QYD	6:18	23:58						3	12	24	12	12	9	72	
Aberdare	ABA	6:30	23:05						3	12	24	12	12	7	70	
Cwmbach	CPH	6:30	23:05						3	12	24	12	12	7	70	
Ronhill	FER	6:30	23:05						3	12	24	12	12	7	70	
Mounstain Ash	MTA	6:30	23:05						3	12	24	12	12	7	70	
Penthiweber	PER	6:30	23:05						3	12	24	12	12	7	70	
Abercynon	ACY	6:30	23:58						6	24	48	24	24	16	142	
Treherbert	TRB	6:37	23:32						3	12	24	12	12	6	69	
Ysgwyn	YNW	6:37	23:32						3	12	24	12	12	6	69	
Treorchy	TRY	6:37	23:32						3	12	24	12	12	6	69	
Ton Penryn	TPN	6:37	23:32						3	12	24	12	12	6	69	
Ystrad Rhondda	YSR	6:37	23:32						3	12	24	12	12	6	69	
Llwynypia	LLY	6:37	23:32						3	12	24	12	12	6	69	
Tonyandyr	TNP	6:37	23:32						3	12	24	12	12	6	69	
Dinas Mawr Giam	DPMG	6:37	23:32						3	12	24	12	12	6	69	
Porth	POR	6:37	23:32						3	12	24	12	12	6	69	
Trehafod	TRAH	6:37	23:32						3	12	24	12	12	6	69	
Pontypridd	PPD	5:50	23:58						10	36	72	36	36	22	212	
Treforest	TRF	5:50	23:58						10	36	72	36	36	22	212	
Treforest Essae	TRE	5:50	23:58						10	36	72	36	36	22	212	
Taff's Well	TAF	5:50	23:58						10	36	72	36	36	22	212	
Radyr	RDR	5:50	23:58						10	36	72	36	36	22	212	Excludes stopping services on City Line via FRW
Llandaf	LLN	5:50	23:58						10	36	72	36	36	22	212	
Cathays	CYS	5:50	23:58						10	36	72	36	36	22	212	
Rhymney	RHY	7:05	22:45						1	6	6	3	3	1	20	
Ponttonyn	PLT	7:05	22:45						1	6	6	3	3	1	20	
Tir-gall	TIR	7:05	22:45						1	6	6	3	3	1	20	
Birchdir	BHD	7:05	22:45						1	6	6	3	3	1	20	
Bargoed	BGD	7:05	23:15						1	12	24	11	6	3	57	
Giffath Fargood	GFF	7:05	23:15						1	12	24	11	6	3	57	
Pegham	PGM	7:05	23:15						1	12	24	11	6	3	57	
Hengoed	HNG	7:05	23:15						1	12	24	11	6	3	57	
Ystrad Mynach	YSM	7:05	23:15						1	12	24	11	6	3	57	
Llantriddech	LNB	7:05	23:15						1	12	24	11	6	3	57	
Energyn & C.P.N.	ECP	7:05	23:15						1	12	24	11	6	3	57	
Aber	ABE	7:05	23:15						1	12	24	11	6	3	57	
Caerphilly	CPH	6:30	23:15						2	18	36	17	8	3	84	
Llwynne and Thornhill	LVT	6:30	23:15						2	18	36	17	8	3	84	
Llwynne	LLS	6:30	23:15						2	18	36	17	8	3	84	
Heath High Level	HHL	6:30	23:15						2	18	36	17	8	3	84	
Coryton	COY	6:40	23:30						1	6	12	6	4	3	32	
Whitchurch (Cardiff)	WHT	6:40	23:30						1	6	12	6	4	3	32	
Rhoads	RHD	6:40	23:30						1	6	12	6	4	3	32	
Birchgrove	BCG	6:40	23:30						1	6	12	6	4	3	32	
Ty Glas	TGS	6:40	23:30						1	6	12	6	4	3	32	
Heath Low Level	HLL	6:40	23:30						1	6	12	6	4	3	32	
Cardiff Queen St	CDQ	5:50	0:05						13	60	120	59	48	28	328	
Cardiff Bay	CDB			6:35	23:50				3	18	36	18	18	11	104	
Cardiff Central	CCF								10	48	96	47	34	18	253	

End

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
37	64	37 services from Merthyr Tydfil to Cardiff Central shall have a journey time of no more than 64 minutes	37	64	Of which 37 services shall have a journey time of no more than 64 minutes
35	69	35 services from Aberdare to Cardiff Central shall have a journey time of no more than 69 minutes	35	69	Of which 35 services shall have a journey time of no more than 69 minutes
35	80	35 services from Treherbert to Cardiff Central shall have a journey time of no more than 80 minutes	35	80	Of which 35 services shall have a journey time of no more than 80 minutes
108	39	108 services from Pontypridd to Cardiff Central shall have a journey time of no more than 39 minutes	108	39	Of which 108 services shall have a journey time of no more than 39 minutes
20	69	20 services from Rhymney to Cardiff Central shall have a journey time of no more than 69 minutes	20	69	Of which 20 services shall have a journey time of no more than 69 minutes
57	50	57 services from Bargoed to Cardiff Central shall have a journey time of no more than 50 minutes	57	50	Of which 57 services shall have a journey time of no more than 50 minutes
84	25	84 services from Caerphilly to Cardiff Central shall have a journey time of no more than 25 minutes	84	25	Of which 84 services shall have a journey time of no more than 25 minutes
32	23	32 services from Coryton to Cardiff Central shall have a journey time of no more than 23 minutes	32	23	Of which 32 services shall have a journey time of no more than 23 minutes
224	8	224 services from Cardiff Queen St to Cardiff Central shall have a journey time of no more than 8 minutes	224	8	Of which 224 services shall have a journey time of no more than 8 minutes

Wales and Borders Rail and South Wales Metro

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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
	A	B	C	D	E			F	G	H	I	J	K	L	
Wrexham Central	WXC					6:30	21:55	1	6	12	6	1	1	27	This row is based on arrival times at WRX
Wrexham General	WRX							2	6	12	6	1	1	28	
Gwersyllt	GWE		6:30	21:55				2	6	12	6	1	1	28	
Cefn Y Bedd	CYB		6:36	21:55				1	3	6	3	1	1	15	
Caergwle	CGW		6:36	21:55				1	3	6	3	1	1	15	
Hope Clwyd	HPE		6:36	21:55				1	3	6	3	1	1	15	
Penyffordd	PNF		6:36	21:55				1	3	6	3	1	1	15	
Buckley	BCK		6:30	21:55				2	6	12	6	1	1	28	
Hawarden	HWD		6:36	21:55				1	3	6	3	1	1	15	
Shotton	SHT		6:30	21:55				2	6	12	6	1	1	28	
Hawarden Bridge	HWB		6:36	18:00				1	1	1	3	0	0	6	
Neston	NES		6:30	21:55				2	6	12	6	1	1	28	
Heswall	HSW		6:30	21:55				2	6	12	6	1	1	28	
Upton Merseyside	UPT		6:30	21:55				2	6	12	6	1	1	28	
Bidston	BID		6:30	21:55				2	6	12	6	1	1	28	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
28	59	28 services from Wrexham General to Bidston shall have a journey time of no more than 59 minutes	26	57	Of which 26 services shall have a journey time of no more than 57 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1c December 2022 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Borderlands Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at WRX during given timeband unless stated otherwise							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Bidston	BID			8:06	23:49			0	5	12	6	4	1	28	
Upton Merseyside	UPT			8:06	23:49			0	5	12	6	4	1	28	
Heswall	HSW			8:06	23:49			0	5	12	6	4	1	28	
Neston	NES			8:06	23:49			0	5	12	6	4	1	28	
Hawarden Bridge	HWB			8:06	18:40			0	2	0	3	0	0	5	
Shotton	SHT			8:06	23:49			0	5	12	6	4	1	28	
Hawarden	HWD			8:06	23:49			0	3	6	3	2	1	15	
Buckley	BCK			8:06	23:49			0	5	12	6	4	1	28	
Penyffordd	PNF			8:06	23:49			0	3	6	3	2	1	15	
Hope Clwyd	HPE			8:06	23:49			0	3	6	3	2	1	15	
Caergwle	CGW			8:06	23:49			0	3	6	3	2	1	15	
Cefn Y Bedd	CYB			8:06	23:49			0	3	6	3	2	1	15	
Gwersyllt	GWE			8:06	23:49			0	5	12	6	4	1	28	
Wrexham General	WRX							0	5	12	6	4	1	28	
Wrexham Central	WXC					6:30	21:54	2	6	12	6	3	0	29	This row based on WRX departures

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
28	56	28 services from Bidston to Wrexham General shall have a journey time of no more than 56 minutes	22	54
				Of which 22 services shall have a journey time of no more than 54 minutes

End

Wales and Borders Rail and South Wales Metro
 Weekdays TSK 1: December 2022 SW
 Confidentiality: TBC
 Version: Final
 Date: 5/13/2018

Cardiff East Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated						Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0700-0800	0800-0900	1000-1030	1030-1100	1100-1200	2100-2130		
Cardiff Central	CDP							8	12	25	14	10	4	73	
Pen Centre	PCP			6:35	23:05			1	3	6	3	3	1	17	
Royston	ROR			6:35	23:05			1	3	6	3	3	1	17	
Rice & Prothermer	RCA			6:35	23:05			1	3	6	3	3	1	17	
Crawley	CRV			6:35	23:05			1	3	6	3	3	1	17	Between 0700 and 2200, 1 additional service per hour shall run from RWP via B&M calling at stations. A minimum of 16 additional services per day.
Newbridge	NBI			6:35	23:05			1	3	6	3	3	1	17	
Llanelli	LTI			6:35	23:05			1	3	6	3	3	1	17	
Elbow Vale Parkway	EBV			6:35	23:05			1	3	6	3	3	1	17	
Elbow Vale Town	EBT			6:35	23:05			1	3	6	3	3	1	17	
Prepens Green	PNP			6:35	23:05			2	9	19	11	7	3	56	
Leam Tunnel Junction	LTJ			5:32	23:10			2	3	6	3	3	2	19	
Colton	COI			5:32	23:10			2	3	6	3	3	2	19	
Chepstow	CPW			5:32	23:10			2	3	6	3	3	2	19	
Lafhay	LTF			5:32	23:10			2	3	6	3	3	2	19	
Obanur	OBU			5:32	23:10			2	3	6	3	3	2	19	
Cheriton Spa	CHS			5:32	23:10			2	3	6	3	3	1	18	
Donkey	DNK			4:35	23:00			5	6	12	8	4	1	36	
Pontypool New Inn	PNL			4:35	23:00			4	3	7	5	3	1	33	
Marlborough	MAR			4:35	23:00			5	6	12	8	4	1	36	
Herford	HFD			4:35	23:00			5	6	12	8	4	1	36	
Leominster	LEO			4:35	23:00			4	3	7	5	4	0	31	
Ludlow	LUD			4:35	23:00			5	5	10	6	4	0	30	
Craven Arms	CRV			4:35	23:00			5	3	9	5	4	0	36	Excludes services via HoWV Line
Church Stretton	CHS			4:35	23:00			5	3	9	5	4	0	36	Excludes services via HoWV Line
Shrewsbury	SHR			4:35	23:00			5	6	12	8	4	0	35	Excludes services via HoWV Line

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
17	62		16	61	Of which 15 services shall have a journey time of no more than 62 minutes
56	22		49	17	Of which 49 services shall have a journey time of no more than 22 minutes
19	81		15	70	Of which 15 services shall have a journey time of no more than 81 minutes
18	88		14	83	Of which 14 services shall have a journey time of no more than 83 minutes
36	77		27	66	Of which 27 services shall have a journey time of no more than 66 minutes
35	128		28	121	Of which 28 services shall have a journey time of no more than 121 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from SHR during given timeband unless otherwise stated						Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0700-0800	0800-0900	1000-1030	1030-1100	1100-1200	2100-2130		
Shrewsbury	SHR							2	7	12	7	3	28		
Gosport	GOB			5:20	23:35			2	7	12	6	4	2	25	
Chirk	CHK			5:20	23:35			2	4	6	3	5	2	22	
Rushington	RUA			5:20	23:35			2	4	6	3	5	2	22	
Whitchurch General	WGX			5:20	23:35			2	7	12	6	4	2	25	
Chester	CTR			5:20	23:35			1	6	12	7	3	26	Additional services to be provided between SHR and CTR via C&E, with services may be provided between the stations of services between SHR and CTR and between C&E and CTR, specified elsewhere in this TSK 1.	
Shrewsbury	SHR			5:31	01:0			2	4	9	5	5	3	28	
Stonypriest	STP			5:31	01:0			1	1	3	2	1	3	11	
Winn	WIM			5:31	01:0			2	2	3	3	1	3	14	
Prick	PRK			5:31	01:0			1	1	3	2	1	3	11	
Whitchurch Salop	WTC			5:31	01:0			2	3	7	4	3	3	22	
Whitchurch	WTC			5:31	01:0			1	1	3	2	1	3	11	
Harrold	HAR			5:31	01:0			2	3	7	4	3	3	22	
Crewe	CRE			5:31	01:0			2	4	9	5	5	3	28	One additional service to MANX departing CRE 0200-0639 to be provided
Widnes	WID			6:45	22:20			1	3	6	3	3	1	16	One additional service to MANX departing CRE 0200-0639 to be provided
Skipton	SPT			6:45	22:20			1	3	6	3	3	1	16	One additional service to MANX departing CRE 0200-0639 to be provided
Manchester Piccadilly	MAN			6:45	22:20	855	2339	1	3	6	2	3	1	16	One additional service to MANX departing CRE 0200-0639 to be provided

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
25	44		27	35	Of which 27 services shall have a journey time of no more than 35 minutes
36	68		27	54	Of which 27 services shall have a journey time of no more than 54 minutes
28	52		22	50	Of which 22 services shall have a journey time of no more than 50 minutes
17	124		13	94	Of which 13 services shall have a journey time of no more than 94 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays T&K 1c December 2022 SK

Confidentiality: TBC

Version: Final

Date: 12/23/2018

Cardiff East Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations				
								0300-0459	0500-0659	0700-0859	0900-1059	1100-1259	1300-1459	1500-1659		1700-1859	1900-2159	2200-0159	Total
								H	I	J	K	L	M	N		O			
Shrewsbury	SHR	7:50	1:30					0	6	13	6	6	4	35	Excludes services via HOV Line				
Church Stretton	CTT	7:50	1:30					0	4	4	3	4	3	18	Excludes services via HOV Line				
Cresswell Arms	CAV	7:50	1:30					0	5	12	6	6	4	33	Excludes services via HOV Line				
Ludlow	LUD	7:50	1:30					0	5	6	3	4	3	21					
Leominster	LEO	7:50	1:30					1	6	12	6	4	4	35					
Hereford	HFD	6:45	1:30					1	5	12	6	6	4	34					
Abergavenny	AGV	6:45	1:30					1	4	3	3	2	2	15					
Pontypool New Inn	PNL	6:45	1:30					1	5	11	5	4	4	32					
Cardigan	CDW	7:01	0:40					0	4	6	3	3	3	19					
Cheltenham Spa	CHM	7:01	0:40					0	4	6	3	3	3	19					
Gloucester	GCR	7:01	0:40					0	4	6	3	3	3	19					
Lydsey	LVD	7:01	0:40					0	4	6	3	3	3	19					
Cheltenham	CPW	7:01	0:40					0	4	6	3	3	3	19					
Cardifon	CDT	7:01	0:40					0	4	6	3	3	3	19					
Seven Tunnels Junction	STJ	7:01	0:40					0	4	6	3	3	3	19					
Newport Gwent	NWP	6:45	1:30					1	10	20	9	9	9	58					
Blow Vale Town	EBB	7:32	23:45					0	3	6	3	3	4	19					
Blow Vale Parkway	EBV	7:32	23:45					0	3	6	3	3	4	19					
Llanfihangel	LTH	7:32	23:45					0	3	6	3	3	4	19					
Newbridge	NBE	7:32	23:45					0	3	6	3	3	4	19	Between 0700 and 2200: 1 additional service per hour shall run from EBB to NWP, calling at all stations. A minimum of 18 additional services per day				
Cradock	CDK	7:32	23:45					0	3	6	3	3	4	19					
Risca & Pymmesear	RCA	7:32	23:45					0	3	6	3	3	4	19					
Rugstone	RGR	7:32	23:45					0	3	6	3	3	4	19					
Pay Corner	PYC	7:32	23:45					0	3	6	3	3	4	19					
Cardiff Central	CCF	6:45	1:30					1	13	26	12	12	13	77					

Journey times										
Number of services	Public journey time (mins)	P	Q	R	S	T	U	V	W	
35	137				28	124				
		35 services from Shrewsbury to Cardiff Central shall have a journey time of no more than 137 minutes								
									Of which 28 services shall have a journey time of no more than 124 minutes	
35	84				28	72				
		35 services from Hereford to Cardiff Central shall have a journey time of no more than 84 minutes								
									Of which 28 services shall have a journey time of no more than 72 minutes	
19	103				16	85				
		19 services from Cheltenham Spa to Cardiff Central shall have a journey time of no more than 103 minutes								
									Of which 16 services shall have a journey time of no more than 85 minutes	
19	81				15	73				
		19 services from Gloucester to Cardiff Central shall have a journey time of no more than 81 minutes								
									Of which 15 services shall have a journey time of no more than 73 minutes	
58	31				47	21				
		58 services from Newport Gwent to Cardiff Central shall have a journey time of no more than 31 minutes								
									Of which 47 services shall have a journey time of no more than 21 minutes	
19	71				16	65				
		19 services from Blow Vale Town to Cardiff Central shall have a journey time of no more than 71 minutes								
									Of which 16 services shall have a journey time of no more than 65 minutes	

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at SHR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations				
								0300-0459	0500-0659	0700-0859	0900-1059	1100-1259	1300-1459	1500-1659		1700-1859	1900-2159	2200-0159	Total
								H	I	J	K	L	M	N		O			
Chester	CTR	6:30	23:33					1	5	13	6	4	3	32					
Wrexham General	WRX	6:30	23:33					1	5	13	6	4	3	32					
Ruabon	RUA	6:30	23:33					1	3	8	3	3	3	21					
Chirk	CHK	6:30	23:33					1	3	8	3	3	3	21					
Gobowen	GGB	6:30	23:33					1	4	13	6	4	3	31					
Shrewsbury	SHR	6:30	23:33					1	5	13	6	4	3	32					
Alberley Edge	ALD	7:41	0:05					0	3	6	3	2	3	17					
Manchester Piccadilly	MAN	7:41	0:05					0	3	6	3	2	3	17					
Stockport	SPT	7:41	0:05					0	3	6	3	2	3	17					
Widnes	WNL	7:41	0:05					0	3	6	3	2	3	17					
Crews	CRE	5:30	0:05					2	5	9	5	2	3	26					
Nantwich	NAN	5:30	0:05					2	3	4	4	2	3	18					
Wrexham	WRX	6:45	0:05					1	1	3	2	1	3	11					
Whitchurch Salop	WTC	5:30	0:05					2	2	4	4	2	3	17					
Pres	PRS	6:45	0:05					1	1	3	2	1	3	11					
Wem	WEM	5:30	0:05					2	2	3	4	2	3	16					
Turton	TUR	6:45	0:05					1	1	3	2	1	3	11					
Shrewsbury	SHR	6:45	0:05					2	5	9	5	2	3	26					

Journey times										
Number of services	Public journey time (mins)	P	Q	R	S	T	U	V	W	
32	58				26	54				
		32 services from Chester to Shrewsbury shall have a journey time of no more than 58 minutes								
									Of which 26 services shall have a journey time of no more than 54 minutes	
32	42				29	39				
		32 services from Wrexham General to Shrewsbury shall have a journey time of no more than 42 minutes								
									Of which 29 services shall have a journey time of no more than 39 minutes	
17	100				13	82				
		17 services from Manchester Piccadilly to Shrewsbury shall have a journey time of no more than 100 minutes								
									Of which 13 services shall have a journey time of no more than 82 minutes	
27	57				22	52				
		27 services from Crews to Shrewsbury shall have a journey time of no more than 57 minutes								
									Of which 22 services shall have a journey time of no more than 52 minutes	

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1c December 2022 SX
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Swansea West Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from SWA during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations			
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159						
								H	I	J	K	L	M	N			O		
Swansea	SWA							2	3	11	7	3	3	29	Excludes services via HoW Line, 1 additional call to be provided FO by a service departing CDF 22:00-0159				
Gowerton	GWN			5:45	23:45			2	2	8	7	3	3	25	Excludes services via HoW Line, 1 additional call to be provided FO by a service departing CDF 22:00-0159				
Llanelli	LLE			5:45	23:45			2	3	11	7	3	3	29	Excludes services via HoW Line, 1 additional call to be provided by additional service from CDF departing CDF 22:00-0159.				
Pembrey & Burry Port	PBY			5:45	23:45			2	2	9	6	3	3	25	1 additional call to be provided by additional service from CDF departing CDF 22:00-0159.				
Kidwelly	KWL			5:45	23:45			2	2	4	4	2	3	17	1 additional call to be provided by additional service from CDF departing CDF 22:00-0159.				
Ferryside	FYS			5:45	23:45			2	2	4	4	2	3	17	1 additional call to be provided by additional service from CDF departing CDF 22:00-0159.				
Carmarthen	CMN			5:45	23:45			2	3	9	6	3	3	26	1 additional call to be provided by additional service from CDF departing CDF 22:00-0159.				

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
29	21	29 services from Swansea to Llanelli shall have a journey time of no more than 21 minutes	20	19	Of which 20 services shall have a journey time of no more than 19 minutes
26	59	26 services from Swansea to Carmarthen shall have a journey time of no more than 59 minutes	20	51	Of which 20 services shall have a journey time of no more than 51 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CMN during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations			
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159						
								H	I	J	K	L	M	N			O		
Carmarthen	CMN							5	4	6	3	5	1	24					
Whitland	WTL			4:56	23:20			5	4	6	3	5	1	24	1 additional call to be provided by additional service to FGH departing SWA 1000-1559				
Narberth	NAR			5:35	21:09			2	1	3	1	2	0	9					
Kilgetty	KGT			5:35	21:09			2	1	3	1	2	0	9					
Saundersfoot	SDF			5:35	21:09			2	1	3	1	2	0	9					
Tenby	TEN			5:35	21:09			2	1	3	1	2	0	9					
Penally	PNA			5:35	21:09			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159				
Manorbier	MRB			5:35	21:09			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159				
Lamphey	LAM			5:35	21:09			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159				
Pembroke	PMB			5:35	21:09			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159				
Pembroke Dock	PMD			5:35	21:09			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159				
Clunderwen	CLUW			4:56	23:20			3	3	3	3	3	1	16					
Clarbeston Road	CLR			4:56	23:20			3	3	3	3	3	1	16	2 additional calls to be provided by additional services to FGH, the first departing CLR 0700-0959, the second departing SWA 1000-1559				
Haverfordwest	HVF			4:56	23:20			2	2	3	1	2	1	11					
Johnston Dyfed	JOH			4:56	23:20			2	2	3	1	2	1	11					
Milford Haven	MFH			4:56	23:20			2	2	3	1	2	1	11					
Fishguard & Goodwick	FGW			5:50	21:00			1	1	0	2	1	0	5	2 additional calls to be provided by additional services to FGH, the first departing CLR 0700-0959, the second departing SWA 1000-1559				
Fishguard Harbour	FGH			5:50	21:00			1	1	0	2	1	0	5	2 additional calls to be provided by additional services to FGH, the first departing CLR 0700-0959, the second departing SWA 1000-1559				

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
8	93	8 services from Carmarthen to Pembroke Dock shall have a journey time of no more than 93 minutes	6	85	Of which 6 services shall have a journey time of no more than 85 minutes
11	60	11 services from Carmarthen to Milford Haven shall have a journey time of no more than 60 minutes	11	60	Of which 11 services shall have a journey time of no more than 60 minutes
5	69	5 services from Carmarthen to Fishguard Harbour shall have a journey time of no more than 69 minutes	3	59	Of which 3 services shall have a journey time of no more than 59 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1c December 2022 SX
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Swansea West Arrivals

Station	Early arrival at SWA from Stn no later than			Late arrival at SWA from Stn no earlier than			Column unused	Column unused	Minimum number of calls at station by W&B services arriving at SWA during given timeband							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations	
	A	B	C	D	E	F			G	H	I	J	K	L	M			N
	0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159												
Carmarthen	CMN			3:48	0:05				2	5	9	4	4	2	26	3 additional calls to be provided by services departing CMN, one to LLV departing CMN 0200-0659, one to CDF departing CMN 0200-0659, one to CDF departing CMN 1000-1559		
Ferryside	FYS			6:37	0:05				1	5	3	2	2	2	15			
Kidwelly	KWL			6:37	0:05				1	5	3	2	2	2	15			
Pembrey & Burry Port	PBY			6:37	0:05				1	5	9	4	4	2	25	2 additional calls to be provided by services departing CMN, one to LLV departing CMN 0200-0659, one to CDF departing CMN 0200-0659		
Llanelli	LLE			3:48	0:05				2	5	10	5	4	2	28	3 additional calls to be provided by services departing CMN, one to LLV departing CMN 0200-0659, one to CDF departing CMN 0200-0659, one to CDF departing CMN 1000-1559. Excludes services via HoW Line		
Gowerton	GWN			6:37	0:05				1	4	7	4	4	2	22	Excludes services via HoW Line		
Swansea	SWA								2	5	10	5	4	2	28	Excludes services via HoW Line		

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
26	59	26 services from Carmarthen to Swansea shall have a journey time of no more than 59 minutes	22	52	Of which 22 services shall have a journey time of no more than 52 minutes
28	27	28 services from Llanelli to Swansea shall have a journey time of no more than 27 minutes	18	24	Of which 18 services shall have a journey time of no more than 24 minutes

Station	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							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations	
	A	B	C	D	E	F			G	H	I	J	K	L	M			N
	0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159												
Fishguard Harbour	FGH			8:45	23:08				0	1	2	0	2	1	6	1 additional call to be provided by an additional service from FGH arriving CLR 0700-0959		
Fishguard & Goodwick	FGW			8:45	23:08				0	1	2	0	2	1	6	1 additional call to be provided by an additional service from FGH arriving CLR 0700-0959		
Milford Haven	MFH			6:48	1:13				1	1	3	2	2	11				
Johnson Dyfed	JDH			6:48	1:13				1	1	3	2	2	11				
Haverfordwest	HVF			6:48	1:13				1	1	3	2	2	11				
Clarbeston Road	CLR			6:48	1:13				1	2	4	2	4	3	16	1 additional call to be provided by an additional service from FGH arriving CLR 0700-0959		
Clunderwen	CUW			6:48	1:13				1	2	4	2	3	3	15			
Pembroke Dock	PMD			8:15	23:43				0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159		
Pembroke	PMB			8:15	23:43				0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159		
Lamphey	LAM			8:15	23:43				0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159		
Manorbier	MNR			8:15	23:43				0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159		
Penally	PNA			8:15	23:43				0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159		
Tenby	TEN			8:15	23:43				0	1	3	2	1	2	9	1 additional call to be provided by a service arriving TEN 1900-2159		
Saundersfoot	SDF			8:15	23:43				0	1	3	2	1	2	9			
Kilgetty	KGT			8:15	23:43				0	1	3	2	1	2	9			
Narberth	NAR			8:15	23:43				0	1	3	2	1	2	9			
Whitband	WTL			6:48	1:15				1	3	8	4	5	5	26			
Carmarthen	CMN								1	3	8	4	5	5	26			

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
6	61	6 services from Fishguard Harbour to Carmarthen shall have a journey time of no more than 61 minutes	5	58	Of which 5 services shall have a journey time of no more than 58 minutes
11	58	11 services from Milford Haven to Carmarthen shall have a journey time of no more than 58 minutes	10	56	Of which 10 services shall have a journey time of no more than 56 minutes
8	94	8 services from Pembroke Dock to Carmarthen shall have a journey time of no more than 94 minutes	6	86	Of which 6 services shall have a journey time of no more than 86 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays T&K 1c December 2022 SK
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Heart of Wales Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from SHR during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0500-0559	0700-0959	1000-1059	1600-1859	1900-2159	2200-0159			
								H	I	J	K	L	M	N		
Shrewsbury	SHR							2	1	2	1	0	0	6	Includes HoW services only. From the May 2023 subsidiary change, 1 additional call to be provided by a service to LLO.	
Church Stretton	CTT			5:15	18:00			2	1	2	1	0	0	6	Includes HoW services only. From the May 2023 subsidiary change, 1 additional call to be provided by a service to LLO.	
Craven Arms	CKV			5:15	18:00			2	1	2	1	0	0	6	Includes HoW services only. From the May 2023 subsidiary change, 1 additional call to be provided by a service to LLO.	
Brome	BME			5:43	18:00			1	1	2	1	0	0	5	From the May 2023 subsidiary change, 1 additional call to be provided by a service to LLO.	
Hopson Heath	HPT			5:43	18:00			1	1	2	1	0	0	5	From the May 2023 subsidiary change, 1 additional call to be provided by a service to LLO.	
Burton	BUR			5:43	18:00			1	1	2	1	0	0	5	From the May 2023 subsidiary change, 1 additional call to be provided by a service to LLO.	
Knights	KNH			5:15	18:00			2	1	2	1	0	0	6	From the May 2023 subsidiary change, 1 additional call to be provided by a service to LLO.	
Knockin	KNJ			5:43	18:00			1	1	2	1	0	0	5	From the May 2023 subsidiary change, 1 additional call to be provided by a service to LLO.	
Uggleston	UGO			5:43	18:00			1	1	2	1	0	0	5	From the May 2023 subsidiary change, 1 additional call to be provided by a service to LLO.	
Uggleston Road	URT			5:43	18:00			1	1	2	1	0	0	5	From the May 2023 subsidiary change, 1 additional call to be provided by a service to LLO.	
Chew	CKL			5:43	18:00			1	1	2	1	0	0	5	From the May 2023 subsidiary change, 1 additional call to be provided by a service to LLO.	
Pen Y Bont	PBY			5:43	18:00			1	1	2	1	0	0	5	From the May 2023 subsidiary change, 1 additional call to be provided by a service to LLO.	
Llanidloes	LLO			5:15	18:00			2	1	2	1	0	0	6	From the May 2023 subsidiary change, 1 additional call to be provided by a service to LLO.	
Bush Road	BWR			5:43	18:00			1	1	2	1	0	0	5		
Clefen	CMF			5:43	18:00			1	1	2	1	0	0	5		
Garth Pwys	GTH			5:43	18:00			1	1	2	1	0	0	5		
Llanymonach	LLM			5:43	18:00			1	1	2	1	0	0	5		
Llanymyrd	LNM			5:43	18:00			1	1	2	1	0	0	5		
SogerLod	SKG			5:43	18:00			1	1	2	1	0	0	5		
Cynhorby	CYN			5:43	18:00			1	1	2	1	0	0	5		
Llanidloes	LLV			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	
Llanidloes	ENR			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	
Llanidloes	LLG			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	
Llanidloes	LLL			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	
Flintfach	FFA			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	
Llanidloes	LLI			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	
Ammanford	AMF			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	
Pemffynnon	PTF			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	
Pontrilas	PTD			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	
Llanymonach	LLM			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	
Bynes	BYE			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	
Llanidloes	LLS			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. Includes services via HoW Line only. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	
Gwynon	GWY			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. Includes services via HoW Line only. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	
Swansea	SWA			5:43	18:00			1	1	2	1	0	0	5	1 additional call to be provided by a service arriving SWA no later than 08:15. Includes services via HoW Line only. From the May 2023 subsidiary change, 1 further call to be provided by a service to SWA.	

End

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	
U					
6	94	6 services from Shrewsbury to Llanidloes shall have a journey time of no more than 94 minutes	6	94	Of which 6 services shall have a journey time of no more than 94 minutes
6	107	6 services from Llanidloes to Swansea shall have a journey time of no more than 107 minutes	6	107	Of which 6 services shall have a journey time of no more than 107 minutes
5	251	5 services from Shrewsbury to Swansea shall have a journey time of no more than 251 minutes	4	246	Of which 4 services shall have a journey time of no more than 246 minutes

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1c December 2022 SX
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Heart of Wales Arrivals

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 in SHR during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations			
					0100 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159						
					A	B	C	D	E	F	G			H	I	J
Swansea		9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. Includes services via HoW only. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Gowerton	GWN	9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. Includes services via HoW only. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Llanelli	LLE	9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. Includes services via HoW only. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Bynea	BYE	9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Llangennech	LLH	9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Pontarddulais	PTD	9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Pantymmon	PTM	9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Ammanford	AMF	9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Llandybie	LLD	9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Fairfach	FFA	9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Llandello	LLL	9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Llangadog	LLG	9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Llanwrda	LNR	9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Llandovery	LLV	9:35	22:50					0	1	1	1	1	1	1	5	I additional call to be provided by a service departing LLE 0200-0659. From the May 2023 subsidiary change, I further call to be provided by a service to LLV.
Cynghordy	CYN	9:35	22:50					0	1	1	1	1	1	1	5	
SugarLoaf	SUG	9:35	22:50					0	1	1	1	1	1	1	5	
Llanwryd	LNW	9:35	22:50					0	1	1	1	1	1	1	5	
Llanginmarch	LLM	9:35	22:50					0	1	1	1	1	1	1	5	
Gard Powsy	GTH	9:35	22:50					0	1	1	1	1	1	1	5	
Cilmeri	CLM	9:35	22:50					0	1	1	1	1	1	1	5	
Builth Road	BHR	9:35	22:50					0	1	1	1	1	1	1	5	
Llandrindod	LLO	8:00	22:50					0	2	1	1	1	1	1	6	From the May 2023 subsidiary change, I further call to be provided by a service from LLO.
Pen Y Bont	PNY	8:00	22:50					0	2	1	1	1	1	1	6	From the May 2023 subsidiary change, I further call to be provided by a service from LLO.
Dolau	DOL	8:00	22:50					0	2	1	1	1	1	1	6	From the May 2023 subsidiary change, I further call to be provided by a service from LLO.
Llanbister Road	LLT	8:00	22:50					0	2	1	1	1	1	1	6	From the May 2023 subsidiary change, I further call to be provided by a service from LLO.
Llangnllio	LGO	8:00	22:50					0	2	1	1	1	1	1	6	From the May 2023 subsidiary change, I further call to be provided by a service from LLO.
Knucklas	KNU	8:00	22:50					0	2	1	1	1	1	1	6	From the May 2023 subsidiary change, I further call to be provided by a service from LLO.
Knights	KNI	8:00	22:50					0	2	1	1	1	1	1	6	From the May 2023 subsidiary change, I further call to be provided by a service from LLO.
Suckwell	BUK	8:00	22:50					0	2	1	1	1	1	1	6	From the May 2023 subsidiary change, I further call to be provided by a service from LLO.
Hogon Heath	HPT	8:00	22:50					0	2	1	1	1	1	1	6	From the May 2023 subsidiary change, I further call to be provided by a service from LLO.
Broome	BME	8:00	22:50					0	2	1	1	1	1	1	6	From the May 2023 subsidiary change, I further call to be provided by a service from LLO.
Craven Arms	CRV	8:00	22:50					0	2	1	1	1	1	1	6	Includes services via HoW Line only. From the May 2023 subsidiary change, I further call to be provided by a service from LLO.
Church Stretton	CTT	8:00	22:50					0	2	1	1	1	1	1	6	Includes services via HoW Line only. From the May 2023 subsidiary change, I further call to be provided by a service from LLO.
Shrewsbury	SHR															Includes services via HoW Line only. From the May 2023 subsidiary change, I further call to be provided by a service from LLO.

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

End

Wales and Borders Rail and South Wales Metro

Weekdays T&K 1c December 2022 SX
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Camrban Line Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by WAB services departing from BHM during given timeband unless otherwise stated							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		
Birmingham International BHI						7:21	21:15	0	3	6	3	3	0	15		This row is based on arrival times at BHM
Birmingham New St BHS								1	3	6	3	3	2	18		
Smethwick Galsol Bridge SGB				6:25	22:40			1	3	6	3	3	2	18		
Stowell & Dudley SAD																
Wolverhampton WWH				6:25	23:40			1	3	6	3	3	2	18		I additional call to be provided by a service departing WWH 2200-0159
Salford SFA																
Crewe CRE																
Blithfield BFK				23:40	23:40			0	0	0	0	0	1	1		
Coolstall CCL				23:40	23:40			0	0	0	0	0	1	1		
Albington ALB				23:40	23:40			0	0	0	0	0	1	1		
Coftord COS				23:40	23:40			0	0	0	0	0	1	1		
Staithe STN				23:40	23:40			0	0	0	0	0	1	1		
Telford Central TFC				6:25	23:40			1	3	6	3	3	1	17		I additional call to be provided by a service departing WWH 2200-0159
Osington OIN				23:40	23:40			0	0	0	0	0	1	1		
Walsingham WLN				6:25	23:40			1	3	6	3	3	1	17		I additional call to be provided by a service departing WWH 2200-0159
Strewsbury SHR				6:25	23:40			1	3	6	3	3	1	17		I additional call to be provided by a service departing WWH 2200-0159

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

Station	A	B	C	D	E	F	G	Minimum number of calls at station by WAB 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	
Strewsbury SHR				6:25	21:50			1	3	6	3	3	0	16	
Walsingham WLP				6:25	21:50			1	3	6	3	3	0	16	
Heaslem Pools NWT				6:25	21:50			1	3	6	3	3	0	16	
Coventry COS				6:25	21:50			1	3	6	3	3	0	16	
Machynlleth MCN				6:25	21:50			1	3	6	3	3	0	16	

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

Station	A	B	C	D	E	F	G	Minimum number of calls at station by WAB 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	
Machynlleth MCN				4:55	23:01			5	4	9	4	5	1	28	
Dovey Junction DVI				4:55	23:01			5	4	9	4	5	1	28	
Borth BOH				4:55	23:01			3	3	6	3	3	1	19	
Rose Street ROW				4:55	23:01			3	3	6	3	3	1	19	
Aberystwyth ATW				4:55	23:01			3	3	6	3	3	1	19	
Ruabrig RHG				5:07	21:45			2	1	3	1	2	0	9	
Aberdare AVY				5:07	21:45			2	1	3	1	2	0	9	
Tywyn TYW				5:07	21:45			2	1	3	1	2	0	9	
Torfaen TRF				5:07	21:45			2	1	3	1	2	0	9	
Llanelli LLW				5:07	21:45			2	1	3	1	2	0	9	
Ferrous FRB				5:07	21:45			2	1	3	1	2	0	9	
Machynlleth MFA				5:07	21:45			2	1	3	1	2	0	9	
Barmouth BAM				5:07	21:45			2	1	3	1	2	0	9	
Llanaber LLA				6:45	21:45			1	1	3	1	2	0	8	
Talbot TTB				6:45	21:45			1	1	3	1	2	0	8	
Dyffryn Ardudwy DYF				6:45	21:45			1	1	3	1	2	0	8	
Llanaber LBA				6:45	21:45			1	1	3	1	2	0	8	
Prysum PPS				6:45	21:45			1	1	3	1	2	0	8	
Llanidloes LDN				6:45	21:45			1	1	3	1	2	0	8	
Hwlwl HHL				6:45	21:45			1	1	3	1	2	0	8	
Tywyn TYG				6:45	21:45			1	1	3	1	2	0	8	
Talbot TAL				6:45	21:45			1	1	3	1	2	0	8	
Llanidloes LLL				6:45	21:45			1	1	3	1	2	0	8	
Porthmadog PPH				6:45	21:45			1	1	3	1	2	0	8	
Plasford PPF				6:45	21:45			1	1	3	1	2	0	8	
Porthmadog PPM				6:45	21:45			1	1	3	1	2	0	8	
Croeseh CCC				6:45	21:45			1	1	3	1	2	0	8	
Porthmadog PPD				6:45	21:45			1	1	3	1	2	0	8	
Abererch ABH				6:45	21:45			1	1	3	1	2	0	8	
Pwllheli PHL				6:45	21:45			1	1	3	1	2	0	8	

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

Wales and Borders Rail and South Wales Metro

Weekdays T&K 1c December 2022 SK
 Confidentiality: TBC
 Version: Final
 Date: 02/12/2018

Cardiff Line Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at BHM during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations	
								0200-0459	0700-0959	1000-1259	1400-1659	1900-2159	2200-0159	Total Day		
Shrewsbury	SHR			6:18	23:27			1	3	6	3	2	2	17	/	Additional call provided by service from SHR departing SHR 2200/0159
Wellington Salop	WLN			6:18	23:27			1	3	6	3	2	2	17	/	Additional call provided by service from SHR departing SHR 2200/0159
Chalvington	CHN			-	-			0	0	0	0	0	0	0	/	Additional call provided by service from SHR departing SHR 2200/0159
Telford Central	TFC			6:18	23:27			1	3	6	3	2	2	17	/	Additional call provided by service from SHR departing SHR 2200/0159
Stretton	STN			-	-			0	0	0	0	0	0	0	/	Additional call provided by service from SHR departing SHR 2200/0159
Coalbrook	COS			-	-			0	0	0	0	0	0	0	/	Additional call provided by service from SHR departing SHR 2200/0159
Albrighton	ALB			-	-			0	0	0	0	0	0	0	/	Additional call provided by service from SHR departing SHR 2200/0159
Coalbrook	CSL			-	-			0	0	0	0	0	0	0	/	Additional call provided by service from SHR departing SHR 2200/0159
Stretton	STR			-	-			0	0	0	0	0	0	0	/	Additional call provided by service from SHR departing SHR 2200/0159
Cresswell	CRE			6:10	-			1	2	0	0	0	0	3		
Stafford	STA			6:10	-			1	0	0	0	0	0	1		
Wolverhampton	WOL			6:10	23:27			2	3	6	3	2	2	18	/	Additional call provided by service from SHR departing SHR 2200/0159
Sandwell & Dudley	SAD			-	-			0	0	0	0	0	0	0		
Smeeth Colton Bridge	SCB			6:18	23:30			1	3	6	3	2	1	16		
Birmingham New St	BNS			-	-			2	3	6	3	2	2	18		
Birmingham International	BBI			6:36	20:25			1	3	6	3	2	0	15		This row based on departure times from BHM

Journey times										
Number of services	Public Journey time (mins)							Number of services	Public Journey time (mins)	
P	Q	R						S	T	U
17	72	17 services from Shrewsbury to Birmingham New St shall have a journey time of no more than 72 minutes.						14	62	Of which 14 services shall have a journey time of no more than 62 minutes
18	35	18 services from Wolverhampton to Birmingham New St shall have a journey time of no more than 35 minutes.						14	23	Of which 14 services shall have a journey time of no more than 23 minutes

Station	A	B	C	D	E	F	G	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	
								0200-0459	0700-0959	1000-1259	1400-1659	1900-2159	2200-0159	Total Day		
Machynlleth	MCN			7:10	21:17			0	3	6	3	3	0	15		
Caevas	CVS			7:10	21:17			0	3	6	3	3	0	15		
Newtown Powys	NWP			7:10	21:17			0	3	6	3	3	0	15		
Welshpool	WSP			7:10	21:17			0	3	6	3	3	0	15		
Shrewsbury	SHR			-	-			0	3	6	3	3	0	15		

Journey times										
Number of services	Public Journey time (mins)							Number of services	Public Journey time (mins)	
P	Q	R						S	T	U
15	77	15 services from Machynlleth to Shrewsbury shall have a journey time of no more than 77 minutes.						13	76	Of which 13 services shall have a journey time of no more than 76 minutes

Station	A	B	C	D	E	F	G	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	
								0200-0459	0700-0959	1000-1259	1400-1659	1900-2159	2200-0159	Total Day		
Pullheli	PVL	dep		8:47	22:45			0	2	3	1	1	1	8		
Abererch	ABH			8:47	22:45			0	2	3	1	1	1	8		
Plymouth	PLY			8:47	22:45			0	2	3	1	1	1	8		
Criccieth	CCC			8:47	22:45			0	2	3	1	1	1	8		
Portmadog	PTH			8:47	22:45			0	2	3	1	1	1	8		
Machynlleth	MPF			8:47	22:45			0	2	3	1	1	1	8		
Porthmadog	PRH			8:47	22:45			0	2	3	1	1	1	8		
Llanidwyp	LIC			8:47	22:45			0	2	3	1	1	1	8		
Tyghwyn	TAL			8:47	22:45			0	2	3	1	1	1	8		
Tyghwyn	TYG			8:47	22:45			0	2	3	1	1	1	8		
Harlech	HRL			8:47	22:45			0	2	3	1	1	1	8		
Llanidwyp	LID			8:47	22:45			0	2	3	1	1	1	8		
Pennam	PES			8:47	22:45			0	2	3	1	1	1	8		
Llanidwyp	LID			8:47	22:45			0	2	3	1	1	1	8		
Dyffryn Ardudwy	DYE			8:47	22:45			0	2	3	1	1	1	8		
Talyllyn	TAL			8:47	22:45			0	2	3	1	1	1	8		
Llanidwyp	LID			8:47	22:45			0	2	3	1	1	1	8		
Barmouth	BAM			7:45	22:45			0	3	3	1	1	1	9		
Portmadog	PTH			7:45	22:45			0	3	3	1	1	1	9		
Portmadog	PRH			7:45	22:45			0	3	3	1	1	1	9		
Llanidwyp	LID			7:45	22:45			0	3	3	1	1	1	9		
Tyghwyn	TAL			7:45	22:45			0	3	3	1	1	1	9		
Tyghwyn	TYG			7:45	22:45			0	3	3	1	1	1	9		
Abererch	ABH			7:45	22:45			0	3	3	1	1	1	9		
Portmadog	PTH			7:45	22:45			0	3	3	1	1	1	9		
Abererch	ABH			6:01	0:10			1	3	6	3	3	3	19		
Borth	BOR			6:01	0:10			1	3	6	3	3	3	19		
Dovey Junction	DVE			6:01	0:10			1	6	9	4	4	4	28		
Machynlleth	MCN	arr		-	-			1	6	9	4	4	4	28		

Journey times										
Number of services	Public Journey time (mins)							Number of services	Public Journey time (mins)	
P	Q	R						S	T	U
8	155	8 services from Pullheli to Machynlleth shall have a journey time of no more than 155 minutes.						6	147	Of which 6 services shall have a journey time of no more than 147 minutes
19	43	19 services from Abererch to Machynlleth shall have a journey time of no more than 43 minutes.						16	40	Of which 16 services shall have a journey time of no more than 40 minutes

End

Wales and Borders Rail and South Wales Metro
 Weekdays TR 16 December 2022 SX
 Confidentiality: TBC
 Version: Final
 Date: 5/13/2018

North Wales Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing MAN or LLY during green timband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0700-0859	0700-0959	1000-1059	1600-1859	1900-2159	2300-0159	Total Day	
Manchester Airport	MAN							2	3	6	3	3	2	19	Based on arrival times at MAN. Early arrival no later than 0543. Late arrival no earlier than 2315.
Manchester Piccadilly	MAN							2	3	6	4	3	3	21	
Manchester Oxford Road	MCO	5:50	23:14					2	3	6	4	3	2	20	
Newton La Rochelle	NLR	5:50	23:14					2	3	6	4	3	2	20	
Earlestown	EAR	5:50	23:14					2	3	6	4	3	2	20	
Warrington Bank Quay	WBQ	5:50	23:14					2	3	6	4	3	2	20	
Runcorse East	RE	5:50	23:14					2	3	6	4	3	2	20	
Liverpool Lime Street	LIV							1	3	6	3	3	1	17	
Liverpool South Parkway	LSP					6:43	22:15	1	3	6	3	3	1	17	
Runcorse	RUN					6:43	22:15	1	3	6	3	3	1	17	
Prudhoe	PRD	5:50	23:14			6:43	22:15	3	6	12	7	6	3	37	
Hobby	HOB	5:50	23:14			6:43	22:15	3	6	12	7	6	3	37	
Chester	CTR	5:50	0:26			6:43	22:15	3	6	12	7	6	4	38	

Journey times										
Number of services	Public journey time (mins)						Number of services	Public journey time (mins)		
		P	Q	R	S	T			U	
20	40	All services from Manchester Piccadilly to Warrington Bank Quay shall have a journey time of no more than 40 minutes.					15	38	Of which 15 services shall have a journey time of no more than 38 minutes.	
21	48	21 services from Manchester Piccadilly to Chester shall have a journey time of no more than 48 minutes.					20	46	Of which 20 services shall have a journey time of no more than 46 minutes.	

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing CTR during green timband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations		
								0700-0859	0700-0959	1000-1059	1600-1859	1900-2159	2300-0159	Total Day			
Crews	CRE							7	17	0	4	7	3	5	4	33	Based on arrival times at CTR.
Chester	CTR	dep						2	9	18	9	4	3	45			
Chesham	CHT	6:40	23:55					2	8	18	8	3	2	36			
Fleet	FLE	6:40	0:40					2	8	18	9	4	3	44			
Prudhoe	PRD	6:40	0:40					2	8	18	9	3	3	43			
Prudhoe	PRD	6:40	0:40					2	8	18	9	4	3	44			
Aspatria & Pensance	AGL	6:40	23:55					1	6	7	5	3	2	24			
Coleby Bay	COB	6:40	0:40					2	8	18	9	4	3	44			
Llandudno Junction	LJJ	6:40	0:40					2	9	18	9	4	3	45	Conwy Valley services from BFF excluded. See table below for all LJJ to LLD departures.		
Degby	DGY	6:40	19:30					1	4	6	4	2	0	17	Through services from CTR only.		
Llandudno	LLD	6:40	19:30					1	4	6	4	2	0	17	Through services from CTR only.		
Conwy	CON	6:59	23:55					1	4	8	5	1	2	21			
Penryn-on-sea	PNW	6:59	23:55					1	4	8	5	1	2	21			
Llandudno	LJJ	6:59	23:55					1	4	8	5	1	2	21			
Barger Quay	BNG	6:59	0:40					1	5	12	6	2	3	29			
Holyhead	HLY	7:36	23:04					0	2	5	2	1	1	11			
Bridgton	BRI	7:36	23:04					0	2	5	2	1	1	11			
Ty Croes	TYC	7:36	23:04					0	2	5	2	1	1	11			
Whitford	WHF	7:36	23:04					0	2	5	2	1	1	11			
Valley	VAL	7:36	23:04					0	2	5	2	1	1	11			
Holyhead	HHD	7:36	0:40					0	3	7	4	2	3	19			

Journey times										
Number of services	Public journey time (mins)						Number of services	Public journey time (mins)		
		P	Q	R	S	T			U	
22	26	22 services from Chester to Crews shall have a journey time of no more than 26 minutes.					18	24	Of which 18 services shall have a journey time of no more than 24 minutes.	
45	40	45 services from Chester to Llandudno Junction shall have a journey time of no more than 40 minutes.					36	54	Of which 36 services shall have a journey time of no more than 54 minutes.	
17	74	17 services from Chester to Llandudno shall have a journey time of no more than 74 minutes.					12	67	Of which 12 services shall have a journey time of no more than 67 minutes.	
29	81	29 services from Chester to Barger Quay shall have a journey time of no more than 81 minutes.					23	76	Of which 23 services shall have a journey time of no more than 76 minutes.	
19	123	19 services from Chester to Holyhead shall have a journey time of no more than 123 minutes.					15	115	Of which 15 services shall have a journey time of no more than 115 minutes.	

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services from BFF to LJJ and LJJ to LLD during green timband							Notes on additional requirements for number of calls at Station and direct links to other stations
								0700-0859	0700-0959	1000-1059	1600-1859	1900-2159	2300-0159	Total Day	
Blaenau Ffestiog	BFF	7:32	21:20					0	2	2	1	1	0	6	
Blaenau Ffestiog	BFF	7:32	21:20					0	2	2	1	1	0	6	
Duylawddelan	DWD	7:32	21:20					0	2	2	1	1	0	6	
Port Talbot	PTB	7:32	21:20					0	2	2	1	1	0	6	
Blaenau Ffestiog	BFF	7:32	21:20					0	2	2	1	1	0	6	
Llanwrthwl	LWR	7:32	21:20					0	2	2	1	1	0	6	
North Wales	NWR	7:32	21:20					0	2	2	1	1	0	6	
Degby	DGY	7:32	21:20					0	2	2	1	1	0	6	
Ta Caer	TCC	7:32	21:20					0	2	2	1	1	0	6	
Old Colwyn	OCW	7:32	21:20					0	2	2	1	1	0	6	
Llandudno Junction	LJJ	arr	7:32	21:20				0	2	2	1	1	0	6	
Llandudno Junction	LJJ	dep		5:50	21:32			3	6	11	6	6	0	32	All LJJ to LLD services.
Degby	DGY			5:50	21:32			3	6	11	6	6	0	32	All LJJ to LLD services.
Llandudno	LLD			5:50	21:32			3	6	11	6	6	0	32	All LJJ to LLD services.

Journey times										
Number of services	Public journey time (mins)						Number of services	Public journey time (mins)		
		P	Q	R	S	T			U	
6	63	6 services from Blaenau Ffestiog to Llandudno Junction shall have a journey time of no more than 63 minutes.					6	63	Of which 6 services shall have a journey time of no more than 63 minutes.	
22	16	22 services from Llandudno Junction to Llandudno shall have a journey time of no more than 16 minutes.					24	15	Of which 24 services shall have a journey time of no more than 15 minutes.	

Wales and Borders Rail and South Wales Metro
 Weekdays TRM 1c December 2022 SX
 Confidentiality: TBC
 Version: 5/23/2018
 Date:

North Wales Arrivals

Station	A	B	C	Early arrival at MAN		Late arrival at MAN		Early arrival at LVM		Late arrival at LVM		Minimum number of calls at station by W&B services arriving at MAN or LVM during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
				From Sin no later than	From Sin no earlier than	From Sin no later than	From Sin no earlier than	From Sin no later than	From Sin no earlier than	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day			
Chesley	CTR			6:44	0:35	6:40	22:15					3	8	12	7	6	3	39	
Hobly	HSS			6:40	0:35	6:40	22:15					2	8	12	7	6	3	38	
Prosfham	FHD			6:40	0:35	6:40	22:15					2	8	12	7	6	3	38	
Rancon	RUN			6:40	22:15							1	4	6	3	3	1	18	
Liverpool South Parkway	LFP			6:40	22:15							1	4	6	3	3	1	18	
Liverpool Lime Street	LIV			6:40	22:15							1	4	6	3	3	1	18	
Runcorn East	RUE			6:40	0:35							1	4	6	4	3	2	20	
Warrington Bank Quay	WBQ			6:40	0:35							1	4	6	4	3	2	20	
Euxton	EUC			6:40	0:35							1	4	6	4	3	2	20	
Newton La Wilem	NLW			6:40	0:35							1	4	6	4	3	2	20	
Manchester Oxford Road	MCO			6:40	22:35							1	4	6	4	3	2	20	
Manchester Piccadilly	MAN											2	4	6	4	3	2	21	
Manchester Airport	MAN			6:45	22:39							2	3	4	3	3	1	18	Based on departure times from MAN. Early departure no later than 04:45. Late departure no earlier than 20:15.

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

Station	A	B	C	Early arrival at CTR		Late arrival at CTR		Early departure from CTR		Late departure from CTR		Minimum number of calls at station by W&B services arriving at CTR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
				From Sin no later than	From Sin no earlier than	From Sin no later than	From Sin no earlier than	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day					
Holyhead	HHD			6:09	22:19							1	4	7	3	3	1	19	
Valley	VAL			6:09	21:11							1	3	5	1	3	0	13	
Rhosongor	RHO			8:21	21:11							0	2	4	1	3	0	10	
Ty Croeso	TYC			8:21	21:11							0	2	4	1	3	0	10	
Bodorgan	BOA			8:21	21:11							0	2	4	1	3	0	10	
Llanfairpwll	LFP			6:09	21:11							1	3	5	1	3	0	13	
Bangor Gwynedd	BNG			6:09	22:19							1	6	12	6	5	1	31	
Llanfairfechan	LFF			7:03	22:19							0	4	9	5	5	1	24	
Rhosonferus	RFW			7:03	22:19							0	4	9	5	5	1	24	
Conwy	CNW			7:03	22:19							0	4	9	5	5	1	24	
Llandudno	LID			7:55	22:55							0	5	6	3	3	2	19	Through services towards CTR only
Degwy	DGY			7:55	22:55							0	5	6	3	3	2	19	Through services towards CTR only
Llandudno Junction	LJJ			5:35	22:55							3	11	18	9	8	2	51	Conwy valley services to BFF excluded. See table below for all LLD-LJJ arrivals.
Colwyn Bay	CWB			5:35	22:55							3	11	18	8	8	2	50	
Anglesea & Penryn	AGL			5:35	22:55							1	5	6	3	3	2	20	
Rhyl	RHL			5:35	22:55							3	11	18	8	8	2	50	
Princesport	PRY			5:35	22:55							3	9	18	8	8	2	48	
Rice	RIC			5:35	22:55							3	10	18	8	8	2	49	
Shotton	SHF			5:35	22:55							3	7	13	6	6	2	36	
Chester	CTR	arr										3	11	18	9	8	3	51	
Services between CTR and CHE specified below need to depart after CTR																			
Croze	CHE			4:22	23:01							5	4	6	3	4	2	24	Based on departure times at CTR

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

Station	A	B	C	Early arrival at LJJ		Late arrival at LJJ		Early departure from LJJ		Late departure from LJJ		Minimum number of calls at station by W&B services from LLD to LJJ and LJJ to BFF arriving at LJJ during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
				From Sin no later than	From Sin no earlier than	From Sin no later than	From Sin no earlier than	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day					
Llandudno	LID			6:04	21:55							3	6	11	5	6	0	31	All LLD to LJJ services
Degwy	DGY			6:04	21:55							3	6	11	5	6	0	31	All LLD to LJJ services
Llandudno Junction	LJJ	arr										3	6	11	5	6	0	31	All LLD to LJJ services
Llandudno Junction	LJJ	dep										1	1	2	1	1	0	6	
Colwyn Bay	GCW			7:26	19:20							0	1	2	1	1	0	5	
Tra T Cofn	TTC			5:30	19:20							1	1	2	1	1	0	6	
Chidley	CHG			7:26	19:20							0	1	2	1	1	0	5	
North Llaneris	NLR			7:26	19:20							0	1	2	1	1	0	5	
Llaneris	LNR			5:30	19:20							1	1	2	1	1	0	6	
Betws Y Coed	BYC			5:30	19:20							1	1	2	1	1	0	6	
Pont Y Ffyn	PYF			7:26	19:20							0	1	2	1	1	0	5	
Chwytyddau	CHW			7:26	19:20							0	1	2	1	1	0	5	
Roman Bridge	RMB			7:26	19:20							0	1	2	1	1	0	5	
Blaenau Ffestiniog	BFF			5:30	19:20							0	1	2	1	1	0	6	

Journey times									
Number of services	Public Journey time (mins)	Notes	Number of services	Public Journey time (mins)	Notes				
						P	Q	R	S
31	15	31 services from Llandudno to Llandudno Junction shall have a journey time of no more than 15 minutes	25	13	Of which 25 services shall have a journey time of no more than 13 minutes				
6	45	6 services from Llandudno Junction to Blaenau Ffestiniog shall have a journey time of no more than 45 minutes	5	64	Of which 5 services shall have a journey time of no more than 64 minutes				

End