

Train Service Requirements

Wales and Borders Rail Service and South Wales Metro Weekdays TSR 2 December 2023 SX

Confidentiality	TBC
Version	Final
Date	5/23/2018

Wales and Borders Rail and South Wales Metro

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Train Service Requirement tables - Guidance notes

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

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

- Weekdays
- Saturdays
- Sundays

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

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

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

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

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

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

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

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

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

The key stations used are:

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

Compliance and Flexibility

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

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

Bank Holidays

On Bank Holidays a weekday service shall operate on all routes

On Christmas Day there is no requirement to run a service

On Boxing Day there is no requirement to run a service

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

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

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

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

Birmingham - North Wales

Scheduled departures on 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.

Aberystwth - Birmingham

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

Aberystwth - Shrewsbury

Scheduled departures on Mondays-Friday between 06.00 and 19.00 to be covered between Aberystwth and Shrewsbury

Shrewsbury - Aberystwth

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

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	141	10 services from Birmingham New Street to Chester shall have a journey time of no more than 141 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

Pontarddlais

Pont-y-pant

Prees

Rhosneigr

Roman Bridge

Saundersfoot

Sugar Loaf

Talsarnau

Talybont

Tonfanau

Ty Croes

Valley

Wrenbury

Yorton

End

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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	F	G	H	I	J	K		L	M	N
	0659	0700 - 0959	1000 - 1559	1600 - 1859			1900 - 2159	2200 - 0159	Total Day	O							
Cardiff Central	CDF							4	10	18	9	6	3	50			
Pontyclun	PYC	5:38	23:15					1	3	6	5	3	2	20			
Llanharan	LLR	5:38	23:15					1	3	6	4	3	2	19			
Pencoed	PCD	5:38	23:15					1	3	6	5	3	2	20			
Bridgend	BGN	5:38	23:15					4	10	18	9	6	3	50	Excludes services via RIA		
Wildmill	WMI	5:55	22:34					2	3	6	3	3	1	18			
Sarn	SRR	5:55	22:34					2	3	6	3	3	1	18			
Tondu	TDU	5:55	22:34					2	3	6	3	3	1	18			
Garth Mid Glam	GMG	5:55	22:34					2	3	6	3	3	1	18			
Maesteg Eweny Rd	MEW	5:55	22:34					2	3	6	3	3	1	18			
Maesteg	MST	5:55	22:34					2	3	6	3	3	1	18			
Pyle	PYL	5:38	23:17					2	3	3	4	2	1	15			
Port Talbot Parkway	PTA	5:38	23:17					2	5	9	4	3	2	25			
Baglan	BAJ	5:38	23:17					2	3	3	3	0	1	12			
Briton Ferry	BNF	5:38	23:17					2	3	3	3	0	1	12			
Neath	NTH	5:38	23:17					2	5	9	4	3	1	24	1 additional call to be provided FO by a service departing CDF 22:00-0159		
Skewen	SKE	5:38	23:17					2	3	3	3	0	1	12			
Llansamlet	LAS	5:38	23:17					2	3	3	3	0	1	12			
Swansea	SWA	5:38	23:17					2	5	9	4	3	1	24	1 additional call to be provided FO by a service departing CDF 22:00-0159		

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 2 December 2023 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Cardiff South Departures (Monday - Thursday)

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						15	33	66	32	20	11	177	
Ninian Park	NNP			6:20	23:00			2	6	12	6	6	3	35	
Waungron Park	WNG			6:20	23:00			2	6	12	6	6	3	35	
Fairwater	FRW			6:20	23:00			2	6	12	6	6	3	35	
Danescourt	DCT			6:20	23:00			2	6	12	6	6	3	35	
Radyr	RDR			6:20	23:00			2	6	12	6	6	3	35	Stopping services on City Line via FRW only
Grange town (Cardiff)	GTN			5:07	23:30			13	27	54	26	14	8	142	
Dingle Road	DGL			6:15	23:21			4	12	24	11	6	4	61	
Penarth	PEN			6:15	23:21			4	12	24	11	6	4	61	
Cogan	CGN			5:07	23:30			9	15	30	15	8	4	81	
Eastbrook	EBK			5:07	23:30			9	15	30	15	8	4	81	
Dinas Powys	DNS			5:07	23:30			9	15	30	15	8	4	81	
Cadoxton	CAD			5:07	23:30			9	15	30	15	8	4	81	
Barry Docks	BYD			5:07	23:30			9	15	30	15	8	4	81	
Barry	BRY			5:07	23:30			9	15	30	15	8	4	81	
Barry Island	BYI			5:20	23:30			5	9	18	9	5	3	49	
Rhose Cardiff International A/RIA				5:20	22:40			4	6	12	6	3	1	32	
Llantwit Major	LWM			5:20	22:40			4	6	12	6	3	1	32	
Bridgend	BGN	arr		5:20	22:40			4	6	12	6	3	1	32	Services via RIA only

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
35	15	35 services from Cardiff Central to Radyr shall have a journey time of no more than 15 minutes	35	15	Of which 35 services shall have a journey time of no more than 15 minutes
61	14	61 services from Cardiff Central to Penarth shall have a journey time of no more than 14 minutes	48	13	Of which 48 services shall have a journey time of no more than 13 minutes
49	33	49 services from Cardiff Central to Barry Island shall have a journey time of no more than 33 minutes	48	33	Of which 48 services shall have a journey time of no more than 33 minutes
32	63	32 services from Cardiff Central to Bridgend shall have a journey time of no more than 63 minutes	31	61	Of which 31 services shall have a journey time of no more than 61 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 2 December 2023 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Cardiff South Departures (Friday)

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						15	33	66	32	20	13	179	
Ninian Park	NNP			6:20	0:00			2	6	12	6	6	5	37	
Waungron Park	WNG			6:20	0:00			2	6	12	6	6	5	37	
Fairwater	FRW			6:20	0:00			2	6	12	6	6	5	37	
Danescourt	DCT			6:20	0:00			2	6	12	6	6	5	37	
Radyr	RDR			6:20	0:00			2	6	12	6	6	5	37	Stopping services on City Line via FRW only
Grange town (Cardiff)	GTN			5:07	23:30			13	27	54	26	14	8	142	
Dingle Road	DGL			6:15	23:21			4	12	24	11	6	4	61	
Penarth	PEN			6:15	23:21			4	12	24	11	6	4	61	
Cogan	CGN			5:07	23:30			9	15	30	15	8	4	81	
Eastbrook	EBK			5:07	23:30			9	15	30	15	8	4	81	
Dinas Powys	DNS			5:07	23:30			9	15	30	15	8	4	81	
Cadoxton	CAD			5:07	23:30			9	15	30	15	8	4	81	
Barry Docks	BYD			5:07	23:30			9	15	30	15	8	4	81	
Barry	BRY			5:07	23:30			9	15	30	15	8	4	81	
Barry Island	BYI			5:20	23:30			5	9	18	9	5	3	49	
Rhose Cardiff International A/RIA				5:20	22:40			4	6	12	6	3	1	32	
Llantwit Major	LWM			5:20	22:40			4	6	12	6	3	1	32	
Bridgend	BGN	arr		5:20	22:40			4	6	12	6	3	1	32	Services via RIA only

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
37	15	37 services from Cardiff Central to Radyr shall have a journey time of no more than 15 minutes	37	15	Of which 37 services shall have a journey time of no more than 15 minutes
61	14	61 services from Cardiff Central to Penarth shall have a journey time of no more than 14 minutes	47	13	Of which 47 services shall have a journey time of no more than 13 minutes
49	33	49 services from Cardiff Central to Barry Island shall have a journey time of no more than 33 minutes	49	33	Of which 49 services shall have a journey time of no more than 33 minutes
32	63	32 services from Cardiff Central to Bridgend shall have a journey time of no more than 63 minutes	31	61	Of which 31 services shall have a journey time of no more than 61 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 2 December 2023 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							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Bridgend	BGN			6:40	23:45			1	6	12	6	5	2	32	Services via RIA only
Llantwit Major	LWM			6:40	23:45			1	6	12	6	5	2	32	
Rhosee Cardiff International # RIA				6:40	23:45			1	6	12	6	5	2	32	
Barry Island	BYI			5:47	23:23			3	9	18	9	7	3	49	
Barry	BRY			5:47	23:45			4	15	30	15	12	5	81	
Barry Docks	BYD			5:47	23:45			4	15	30	15	12	5	81	
Cadoxton	CAD			5:47	23:45			4	15	30	15	12	5	81	
Dinas Powys	DNS			5:47	23:45			4	15	30	15	12	5	81	
Eastbrook	EBK			5:47	23:45			4	15	30	15	12	5	81	
Cogan	CGN			5:47	23:45			4	15	30	15	12	5	81	
Penarth	PEN			6:15	0:00			4	12	24	12	6	5	63	
Dingle Road	DGL			6:15	0:00			4	12	24	12	6	5	63	
Grangetown (Cardiff)	GTN			5:47	0:00			8	27	54	27	18	10	144	
Radyr	RDR			6:30	23:10			2	6	12	6	6	3	35	Stopping services on City Line via FRW only
Danescourt	DCT			6:30	23:10			2	6	12	6	6	3	35	
Fairwater	FRW			6:30	23:10			2	6	12	6	6	3	35	
Waungron Park	WNG			6:30	23:10			2	6	12	6	6	3	35	
Ninian Park	NNP			6:30	23:10			2	6	12	6	6	3	35	
Cardiff Central	CDF							10	33	66	33	24	13	179	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
32	61	32 services from Bridgend to Cardiff Central shall have a journey time of no more than 61 minutes	32	61	Of which 32 services shall have a journey time of no more than 61 minutes
49	35	49 services from Barry Island to Cardiff Central shall have a journey time of no more than 35 minutes	48	34	Of which 48 services shall have a journey time of no more than 34 minutes
63	19	63 services from Penarth to Cardiff Central shall have a journey time of no more than 19 minutes	50	18	Of which 50 services shall have a journey time of no more than 18 minutes
35	17	35 services from Radyr to Cardiff Central shall have a journey time of no more than 17 minutes	35	17	Of which 35 services shall have a journey time of no more than 17 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1 December 2023 SX
Confidentiality: TBC
Version: Final
Date: 5/12/2018

Cardiff North Departures (Monday - Thursday)

Station	A	B	C	D	E	F	G	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
								0655	0705	0805	1605	1905	2205	Total Day	
Includes departures to FRW running north of RDR															
Cardiff Central	CDF							18	42	84	42	36	18	240	
Cardiff Bay	CDB					6:35	23:50	4	18	36	18	18	11	105	All services departing CDB to operate to one or more of the following destinations: PRD, TRB, ABA, MER, RHY, BGD
Cardiff Queen St	CDO	5:25	23:35					21	54	108	54	48	28	313	
Heath Low Level	HLL	6:00	23:00					3	6	12	6	6	3	36	
Ty Glas	TGS	6:00	23:00					3	6	12	6	6	3	36	
Berthgrove	BCG	6:00	23:00					3	6	12	6	6	3	36	
Whitford	WHI	6:00	23:00					3	6	12	6	6	3	36	
Whitford (Cardiff)	WHC	6:00	23:00					3	6	12	6	6	3	36	
Coyton	COY	6:00	23:00					3	6	12	6	6	3	36	
Heath High Level	HHL	5:34	23:00					8	18	36	18	12	5	97	
Llanneue	LNS	5:34	23:00					8	18	36	18	12	5	97	
Llanneue and Thornhill	LVT	5:34	23:00					8	18	36	18	12	5	97	
Caerghilly	CAH	5:34	23:00					8	18	36	18	12	5	97	
Aber	ABE	6:15	23:00					4	12	24	12	12	5	69	
Energyn & C Fk	ECP	6:15	23:00					4	12	24	12	12	5	69	
Llanedoch	LNL	6:15	23:00					4	12	24	12	12	5	69	
Treal Menech	YSM	6:15	23:00					4	12	24	12	12	5	69	
Hengoed	HNG	6:15	23:00					4	12	24	12	12	5	69	
Plym	PLY	6:15	23:00					4	12	24	12	12	5	69	
Gleish Fawcett	GFF														Station Closed. Active travel measures implemented. Reference CQ 255
Bargoed	BGD	6:15	23:00					4	12	24	12	12	5	69	
Birch	BCH	6:15	23:00					4	12	24	12	12	5	69	
Ty phi	TRP	6:15	23:00					4	12	24	12	12	5	69	
Rheintyn	RHT	6:15	23:00					4	12	24	12	12	5	69	
Rhymer	RHY	6:15	23:00					4	12	24	12	12	5	69	
Clydach	CYS	5:25	23:35					9	30	60	30	30	18	177	
Llanafan	LUN	5:25	23:35					9	30	60	30	30	18	177	
Radyr	RDR	5:25	23:35					11	36	72	36	36	21	212	
At Radyr and stations below, stopping services via PRW specified in CDF'S Dep may contribute to meeting the required number of calls.															
Talhaiarn	TAF	5:25	23:35					11	36	72	36	36	21	212	
Treforest Esplanade	TRF	5:25	23:35					11	36	72	36	36	21	212	
Pontypridd	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	
Forth	FOR	6:35	23:35					2	12	24	12	12	7	69	
Dinas Powel Glam	DHG	6:35	23:35					2	12	24	12	12	7	69	
Tonypandy	TNP	6:35	23:35					2	12	24	12	12	7	69	
Liberty	LIB	6:35	23:35					2	12	24	12	12	7	69	
Treal Rhondda	YSM	6:35	23:35					2	12	24	12	12	7	69	
Ton Breese	TBN	6:35	23:35					2	12	24	12	12	7	69	
Treal Talbot	TRT	6:35	23:35					2	12	24	12	12	7	69	
Tywyn	TYW	6:35	23:35					2	12	24	12	12	7	69	
Trealherbert	TRH	6:35	23:35					2	12	24	12	12	7	69	
Abertayn	ACT	5:25	23:11					9	24	48	24	24	14	143	
Pentwyn	PEN	6:10	23:00					4	12	24	12	12	7	71	
Morcan Ash	MTA	6:10	23:00					4	12	24	12	12	7	71	
Fennell	FER	6:10	23:00					4	12	24	12	12	7	71	
Cardbach	CDB	6:10	23:00					4	12	24	12	12	7	71	
Aberdare	ABD	6:10	23:00					4	12	24	12	12	7	71	
Quakers Yard	QYD	5:25	23:11					5	12	24	12	12	7	72	
Merthyr Vale	MVY	5:25	23:11					5	12	24	12	12	7	72	
Treal Y Rhaw	TRD	5:25	23:11					5	12	24	12	12	7	72	
Pennarth	PEN	5:25	23:11					5	12	24	12	12	7	72	
Merthyr Tydfil	MRT	5:25	23:11					5	12	24	12	12	7	72	

Journey times					
Number of services	Public journey time (m:sec)	Number of services	Public journey time (m:sec)		
P	Q	R	S		
208	4	208 services from Cardiff Central to Cardiff Queen St shall have a journey time of no more than 6 minutes	208	4	Of which 174 services shall have a journey time of no more than 4 minutes
36	27	36 services from Cardiff Central to Coyton shall have a journey time of no more than 21 minutes	36	27	Of which 36 services shall have a journey time of no more than 21 minutes
97	23	97 services from Cardiff Central to Caerghilly shall have a journey time of no more than 23 minutes	97	23	Of which 81 services shall have a journey time of no more than 20 minutes
69	39	69 services from Cardiff Central to Bargoed shall have a journey time of no more than 39 minutes	69	39	Of which 52 services shall have a journey time of no more than 38 minutes
69	52	69 services from Cardiff Central to Rhymer shall have a journey time of no more than 52 minutes	69	52	Of which 52 services shall have a journey time of no more than 51 minutes
107	29	107 services from Cardiff Central to Pontypridd shall have a journey time of no more than 29 minutes	107	29	Of which 107 services shall have a journey time of no more than 29 minutes
35	54	35 services from Cardiff Central to Treherbert shall have a journey time of no more than 54 minutes	35	54	Of which 34 services shall have a journey time of no more than 52 minutes
35	57	35 services from Cardiff Central to Aberdare shall have a journey time of no more than 57 minutes	35	57	Of which 35 services shall have a journey time of no more than 55 minutes
37	50	37 services from Cardiff Central to Merthyr Tydfil shall have a journey time of no more than 50 minutes	37	50	Of which 37 services shall have a journey time of no more than 50 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSM 1 December 2023 SX

Confidentiality: TBC
Version: Final
Date: 5/23/2018

Cardiff North Departures (Friday)

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CDF or CDB during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								H	I	J	K	L	M	N		
Cardiff Central	CDF							18	42	84	42	36	27	249	Includes departures via FRW running north of RDR	
Cardiff Bay	CDB					4:35	0:00	5	18	36	18	18	12	107	All services departing CDB to operate to one or more of the following destinations: PFD, TRB, ABA, MER, RHY, RGD.	
Cardiff Queen St	CDQ			5:25	0:22			22	54	108	54	48	33	319		
Heath Low Level	HLL			6:00	0:00			3	6	12	6	6	5	38		
Ty Glas	TGS			6:00	0:00			3	6	12	6	6	5	38		
Bongrove	BGG			6:00	0:00			3	6	12	6	6	5	38		
Bowdler	BOW			6:00	0:00			3	6	12	6	6	5	38		
Whiteworth (Cardiff)	WHT			6:00	0:00			3	6	12	6	6	5	38		
Coyton	COY			6:00	0:00			3	6	12	6	6	5	38		
Heath High Level	HHL			5:34	0:00			8	18	36	18	12	8	100		
Llanishan	LIS			5:34	0:00			8	18	36	18	12	8	100		
Llanwne and Thornhill	LVT			5:34	0:00			8	18	36	18	12	8	100		
Caerphilly	CPH			5:34	0:00			8	18	36	18	12	8	100		
Aber	ABE			6:15	0:00			4	12	24	12	12	8	72		
Emergin & C.F.N.	ECP			6:15	0:00			4	12	24	12	12	8	72		
Llanidloes	LID			6:15	0:00			4	12	24	12	12	8	72		
Ystrad Meneath	YSM			6:15	0:00			4	12	24	12	12	8	72		
Hengoed	HNG			6:15	0:00			4	12	24	12	12	8	72		
Phyngol	PHY			6:15	0:00			4	12	24	12	12	8	72		
Griffith Furgod	GFF			6:15	0:00			4	12	24	12	12	8	72	Station Closed. Active travel measures implemented. Reference CQ 355	
Bargod	BGD			6:15	0:00			4	12	24	12	12	8	72		
Brakrui	BRK			6:15	0:00			4	12	24	12	12	8	72		
Ty phi	TRP			6:15	0:00			4	12	24	12	12	8	72		
Rhymney	RHT			6:15	0:00			4	12	24	12	12	8	72		
Rhymney	RHY			6:15	0:00			4	12	24	12	12	8	72		
Cyhan	CYS			5:25	0:22			10	30	60	30	30	22	182		
Llanidaf	LIDF			5:25	0:22			10	30	60	30	30	22	182		
Radyr	RDR			5:25	0:22			12	36	72	36	36	27	219	All Radyr and stations below, stopping services via FRW specified in CDF/S Dep may contribute to meet the required pattern of calls.	
Talhai Wall	TAF			5:25	0:22			12	36	72	36	36	27	219		
Treforest Beas	TRE			5:25	0:22			12	36	72	36	36	27	219		
Treforest	TRF			5:25	0:22			12	36	72	36	36	27	219		
Pontypridd	PPD			5:25	0:22			12	36	72	36	36	27	219		
Trehafod	TRH			6:35	0:22			2	12	24	12	12	9	71		
Porth	POR			6:35	0:22			2	12	24	12	12	9	71		
Dinas Mof Glam	DMG			6:35	0:22			2	12	24	12	12	9	71		
Tonypandy	TYP			6:35	0:22			2	12	24	12	12	9	71		
Uchrysgoia	ULY			6:35	0:22			2	12	24	12	12	9	71		
Toral Rhondda	TRR			6:35	0:22			2	12	24	12	12	9	71		
Ton Trefe	TTR			6:35	0:22			2	12	24	12	12	9	71		
Treardby	TRT			6:35	0:22			2	12	24	12	12	9	71		
Tywyn	TYW			6:35	0:22			2	12	24	12	12	9	71		
Trehertbert	TRB			6:35	0:22			2	12	24	12	12	9	71		
Abercromby	ACT			5:25	0:11			10	24	48	24	24	18	148		
Restwili	RES			6:10	0:00			4	12	24	12	12	9	73		
Mousson Ash	MTA			6:10	0:00			4	12	24	12	12	9	73		
Ferhill	FER			6:10	0:00			4	12	24	12	12	9	73		
Cwmbath	CPH			6:10	0:00			4	12	24	12	12	9	73		
Aberdare	ABA			6:10	0:00			4	12	24	12	12	9	73		
Quakers Ford	QFD			5:25	0:11			6	12	24	12	12	9	75		
Menthy Vale	MV			5:25	0:11			6	12	24	12	12	9	75		
Troed Y Rhaw	TRD			5:25	0:11			6	12	24	12	12	9	75		
Ffynon Iath	FI			5:25	0:11			6	12	24	12	12	9	75		
Menthy Tylli	MER			5:25	0:11			6	12	24	12	12	9	75		

End

Journey times									
Number of services	Public journey time (mins)	P	Q	R	S	T	U	V	W
212	6	212	6	212 services from Cardiff Central to Cardiff Queen St shall have a journey time of no more than 6 minutes	177	4	Of which 177 services shall have a journey time of no more than 4 minutes		
38	21	38	21	38 services from Cardiff Central to Coyton shall have a journey time of no more than 21 minutes	38	21	Of which 38 services shall have a journey time of no more than 21 minutes		
100	23	100	23	100 services from Cardiff Central to Caerphilly shall have a journey time of no more than 23 minutes	84	20	Of which 84 services shall have a journey time of no more than 20 minutes		
72	39	72	39	72 services from Cardiff Central to Bargod shall have a journey time of no more than 39 minutes	54	38	Of which 54 services shall have a journey time of no more than 38 minutes		
72	52	72	52	72 services from Cardiff Central to Rhymney shall have a journey time of no more than 52 minutes	54	51	Of which 54 services shall have a journey time of no more than 51 minutes		
111	29	111	29	111 services from Cardiff Central to Pontypridd shall have a journey time of no more than 29 minutes	111	29	Of which 111 services shall have a journey time of no more than 29 minutes		
36	52	36	52	36 services from Cardiff Central to Trehertbert shall have a journey time of no more than 52 minutes	36	52	Of which 36 services shall have a journey time of no more than 52 minutes		
37	51	37	51	37 services from Cardiff Central to Aberdare shall have a journey time of no more than 51 minutes	37	51	Of which 37 services shall have a journey time of no more than 51 minutes		
38	50	38	50	38 services from Cardiff Central to Menthy Tylli shall have a journey time of no more than 50 minutes	38	50	Of which 38 services shall have a journey time of no more than 50 minutes		

Wales and Borders Rail and South Wales Metro

Weekdays T&R 1 December 2023 SX
Confidentiality: TBC
Version: Final
Date: 5/23/2018

Cardiff North Arrivals

Table with columns: 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, and Notes on additional requirements for number of calls at Station and direct links to other stations.

Journey times table with columns: Number of services, Public journey time (mins), and Number of services. Includes notes on journey times for various routes.

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 2 December 2023 SX

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					0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Wrexham Central	WXC			6:30	21:55			1	6	12	6	1	1	27	This row is based on arrival times at WRX
Wrexham General	WRX							2	6	12	6	1	1	28	
Gwersyllt	GWE		6:24	21:55				2	6	12	6	1	1	28	
Cefn Y Bedd	CYB		6:36	21:55				1	3	6	3	1	1	15	
Caergwrie	CGW		6:36	21:55				1	3	6	3	1	1	15	
Hope Clwyd	HPE		6:36	21:55				1	3	6	3	1	1	15	
Penyffordd	PNF		6:36	21:55				1	3	6	3	1	1	15	
Buckley	BCK		6:24	21:55				2	6	12	6	1	1	28	
Hawarden	HWD		6:36	21:55				1	3	6	3	1	1	15	
Shotton	SHT		6:24	21:55				2	6	12	6	1	1	28	
Hawarden Bridge	HWB		6:36	18:00				1	1	1	3	0	0	6	
Neston	NES		6:24	21:55				2	6	12	6	1	1	28	
Heswall	HSW		6:24	21:55				2	6	12	6	1	1	28	
Upton Merseyside	UPT		6:24	21:55				2	6	12	6	1	1	28	
Bidston	BID		6:24	21:55				2	6	12	6	1	1	28	

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

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 2 December 2023 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Borderlands Arrivals

Station	A	B	C	Early arrival at WRX from Stn no later than	Late arrival at WRX from Stn no earlier than	Early departure from WRX to Stn no later than	Late departure from WRX to Stn no earlier than	Minimum number of calls at station by W&B services arriving at WRX during given timeband unless stated otherwise							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								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 TSR 2 December 2023 SX
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Cardiff East Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day	
								H	I	J	K	L	M	N	
Cardiff Central	CDF							8	12	25	14	10	4	73	
Pye Corner	PYE	6:35	23:05					1	3	6	3	3	1	17	
Ragstone	RGR	6:35	23:05					1	3	6	3	3	1	17	
Risca & Porthmeir	RCA	6:35	23:05					1	3	6	3	3	1	17	
Crosskeys	CKY	6:35	23:05					1	3	6	3	3	1	17	
Newbridge	NBE	6:35	23:05					1	3	6	3	3	1	17	
Llanfyllbach	LTH	6:35	23:05					1	3	6	3	3	1	17	
Blue Vale Parkway	BBV	6:35	23:05					1	3	6	3	3	1	17	
Blue Vale Town	EBB	6:35	23:05					1	3	6	3	3	1	17	
Newport Geestri	NWP	4:35	0:30					7	9	19	11	7	3	56	Between 0700 and 2200, 1 additional service per hour shall run from NWP to EBB, calling at stations. A minimum of 16 additional services per day
Swain Tunnel Junction	STJ	5:32	23:10					2	3	6	3	3	2	19	
Caiof	CDT	5:32	23:10					2	3	6	3	3	2	19	
Chaprow	CPW	5:32	23:10					2	3	6	3	3	2	19	
Lytney	LVD	5:32	23:10					2	3	6	3	3	2	19	
Gloucester	GCR	5:32	23:10					2	3	6	3	3	2	19	
Cheltenham Spa	CHN	5:32	23:10					2	3	6	3	3	1	18	
Centrica	CWN	4:35	0:30					5	6	12	8	4	1	36	
Ponygoed New Inn	PPL	4:35	0:30					4	3	7	5	3	1	33	
Alington	AGV	4:35	0:30					5	6	12	8	4	1	36	
Hereford	HFD	4:35	0:30					4	6	12	8	4	1	36	
Leominster	LEO	4:35	21:55					4	3	7	3	4	0	21	
Ludlow	LUD	4:35	21:55					5	3	10	6	4	0	30	
Creeva Arms	CAV	4:35	21:55					5	3	9	5	4	0	36	Excludes services via HoW Line
Church Stretton	CTT	4:35	21:55					5	3	9	5	4	0	36	Excludes services via HoW Line
Shrewsbury	SHR	4:35	21:55					5	6	12	8	4	0	35	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
17	62	17 services from Cardiff Central to Ebbw Vale Town shall have a journey time of no more than 62 minutes	16	61
56	22	56 services from Cardiff Central to Newport Geestri shall have a journey time of no more than 22 minutes	49	17
19	81	19 services from Cardiff Central to Gloucester shall have a journey time of no more than 81 minutes	15	70
18	88	18 services from Cardiff Central to Cheltenham Spa shall have a journey time of no more than 88 minutes	14	82
36	77	36 services from Cardiff Central to Hereford shall have a journey time of no more than 77 minutes	27	66
35	128	35 services from Cardiff Central to Shrewsbury shall have a journey time of no more than 128 minutes	28	121

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from SHR during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day	
								H	I	J	K	L	M	N	
Shrewsbury	SHR							2	7	12	7	7	3	38	
Colwyn	GCR	5:20	23:35					2	7	12	6	6	2	35	
Cluck	CLK	5:20	23:35					2	4	6	3	5	2	22	
Ruston	RUA	5:20	23:35					2	4	6	3	5	2	22	
Wrexham General	WRX	5:20	23:35					2	7	12	6	6	2	35	
Chester	CTR	5:20	23:35					1	6	12	7	7	3	35	3 additional services to be provided between SHR and CTR via CRE such services may be provided within the quantum of services between SHR and CRE and between CRE and CTR specified elsewhere in this TSR2
Shrewsbury	SHR	5:31	0:10					2	4	9	5	5	3	38	
Turton	YAT	5:31	0:10					1	1	3	2	1	3	11	
Wem	WEM	5:31	0:10					2	2	3	3	1	3	14	
Prest	PRS	5:31	0:10					1	1	3	2	1	3	11	
Whitchurch Salop	WTC	5:31	0:10					2	3	7	4	3	3	22	
Walsley	WRE	5:31	0:10					1	1	3	2	1	3	11	
Nuneaton	NAN	5:31	0:10					2	3	7	4	3	3	22	
Cree	CRE	5:31	0:10					2	4	9	5	5	3	38	One additional service to MAN departing CRE 0200-0659 to be provided
Wilmsham	WNL	6:45	22:20					1	3	6	2	3	1	16	One additional service to MAN departing CRE 0200-0659 to be provided
Sackport	SPT	6:45	22:20					1	3	6	2	3	1	16	One additional service to MAN departing CRE 0200-0659 to be provided
Manchester Piccadilly	MAN	6:45	22:24	B05	23:39			1	3	6	2	3	2	17	One additional service to MAN departing CRE 0200-0659 to be provided

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
35	44	35 services from Shrewsbury to Wrexham General shall have a journey time of no more than 44 minutes	27	35
36	68	36 services from Shrewsbury to Chester shall have a journey time of no more than 68 minutes	27	54
28	52	28 services from Shrewsbury to Cree shall have a journey time of no more than 52 minutes	22	50
17	124	17 services from Shrewsbury to Manchester Piccadilly shall have a journey time of no more than 124 minutes	13	94

End

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 Version: Final
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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 green timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0700-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159			
								H	I	J	K	L	M	N		
Strewsbury	SHR	7:50	1:20					0	6	13	6	6	4	35	Excludes services via HoW Line	
Church Stretton	CTT	7:50	1:20					0	4	4	3	4	3	18	Excludes services via HoW Line	
Crown Arms	CAI	7:50	1:20					0	4	3	3	4	3	17	Excludes services via HoW Line	
Lidlow	LID	7:50	1:20					0	5	12	6	6	4	33		
Leominster	LEO	7:50	1:20					0	5	6	3	4	3	21		
Hereford	HFD	6:45	1:20					1	6	12	6	6	4	35		
Abergarnon	AGV	6:45	1:20					1	5	12	6	6	4	34		
Pompton New Inn	PNI	6:45	0:14					1	4	3	3	2	2	15		
Cewkes	CWH	6:45	1:20					1	5	11	5	6	4	32		
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		
Lidlow	LID	7:01	0:40					0	4	6	3	3	3	19		
Chagelow	CPW	7:01	0:40					0	4	6	3	3	3	19		
Colfosc	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	1:20					1	10	20	9	9	9	58		
Elbow Vale Town	EBV	7:32	23:45					0	3	6	3	3	4	19	Between 0700 and 2200, 1 additional service per hour shall run from EBV to NWP, calling at stations. A minimum of 16 additional services per day	
Elbow Vale Parkway	EBV	7:32	23:45					0	3	6	3	3	4	19		
Llithfyllid	LTH	7:32	23:45					0	3	6	3	3	4	19		
Newbridge	NRE	7:32	23:45					0	3	6	3	3	4	19		
Crosskeys	CKY	7:32	23:45					0	3	6	3	3	4	19		
Ross & Pompton	RPA	7:32	23:45					0	3	6	3	3	4	19		
Radstone	RDR	7:32	23:45					0	3	6	3	3	4	19		
Pye Corner	PYE	7:32	23:45					0	3	6	3	3	4	19		
Cardiff Central	CDP	6:45	1:20					1	13	26	12	12	13	77		

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

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at SHR during green timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0700-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159			
								H	I	J	K	L	M	N		
Chester	CTR	6:30	23:23					1	5	13	6	4	3	32		
Wrexham General	WXA	6:30	23:23					1	5	13	6	4	3	32		
Ruston	RUA	6:30	23:23					1	3	8	3	3	3	21		
Chirk	CHK	6:30	23:23					1	3	8	3	3	3	21		
Galsbam	GSB	6:30	23:23					1	4	13	6	4	3	31		
Strewsbury	SHR							1	5	13	6	4	3	32		
Alderley Edge	MAN	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		
Saughol	SPT	7:41	0:05					0	3	6	3	2	3	17		
Windle	WYL	7:41	0:05					0	3	6	3	2	3	17		
Crew	CRE	5:30	0:05					2	5	9	5	3	3	27		
Nantwich	NAN	5:30	0:05					2	3	4	4	3	3	19		
Wintbury	WNB	6:45	0:05					1	1	3	2	2	3	12		
Whitworth Salop	WTC	5:30	0:05					2	2	4	4	3	3	18		
Prees	PRE	6:45	0:05					1	1	3	2	2	3	12		
Wem	WEM	5:30	0:05					3	3	3	4	3	3	17		
Tyton	TYT	6:45	0:05					1	1	3	2	2	3	12		
Strewsbury	SHR							2	5	9	5	3	3	27		

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

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 2 December 2023 SX

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Swansea West Departures

Station	Early departure from SWA to Stn no later than		Late departure from SWA to Stn no earlier than		Column unused	Column unused	Minimum number of calls at station by W&B services departing from SWA during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations			
	A	B	C	D			E	F	G	H	I	J	K		L	M	N
	0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859			1900 - 2159	2200 - 0159	Total Day								
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	GNW	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	Early departure from CMN to Stn no later than		Late departure from CMN to Stn no earlier than		Column unused	Column unused	Minimum number of calls at station by W&B services departing from CMN during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations			
	A	B	C	D			E	F	G	H	I	J	K		L	M	N
	0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859			1900 - 2159	2200 - 0159	Total Day								
Carmarthen	CMN							5	4	6	3	5	1	24			
Whitland	WTL	4:56	23:20					5	4	6	3	5	1	24	1 additional call to be provided by additional service to FGH departing SWA 1000-1559		
Narberth	NAR	5:35	21:09					2	1	3	1	2	0	9			
Kilgetty	KGT	5:35	21:09					2	1	3	1	2	0	9			
Saundersfoot	SDF	5:35	21:09					2	1	3	1	2	0	9			
Tenby	TEN	5:35	21:09					2	1	3	1	2	0	9			
Penally	PNA	5:35	21:09					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159		
Manorbier	MRB	5:35	21:09					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159		
Lamphey	LAM	5:35	21:09					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159		
Pembroke	PMB	5:35	21:09					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159		
Pembroke Dock	PMD	5:35	21:09					2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159		
Clunderwen	CUW	4:56	23:20					3	3	3	3	3	1	16			
Clarbeston Road	CLR	4:56	23:20					3	3	3	3	3	1	16	2 additional calls to be provided by additional services to FGH, the first departing CLR 0700-0959, the second departing SWA 1000-1559.		
Haverfordwest	HVF	4:56	23:20					2	2	3	1	2	1	11			
Johnston Dyfed	JOH	4:56	23:20					2	2	3	1	2	1	11			
Millford 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 Millford 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

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 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Swansea West Arrivals

Station	A	B	C	D	E	F	G	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
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
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	Excludes services via HoW Line 3 additional calls to be provided by services departing CMN, one to LLV departing CMN 0200-0659, one to CDF departing CMN 0200-0659, one to CDF departing CMN 1000-1559	
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	A	B	C	D	E	F	G	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
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
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	
Millford Haven		MFH		6:48	1:15			1	1	3	2	2	2	11		
Johnston Dyfed		JOH		6:48	1:15			1	1	3	2	2	2	11		
Haverfordwest		HVF		6:48	1:15			1	1	3	2	2	2	11		
Clarbeston Road		CLR		6:48	1:15			1	2	4	2	4	3	16	1 additional call to be provided by an additional service from FGH arriving CLR 0700-0959	
Clunderwen		CUW		6:48	1:15			1	2	4	2	3	3	15		
Pembroke Dock		PMD		8:15	23:43			0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159	
Pembroke		PMB		8:15	23:43			0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159	
Lamphey		LAM		8:15	23:43			0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159	
Manorbier		MRB		8:15	23:43			0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159	
Penally		PNA		8:15	23:43			0	1	3	2	0	2	8	1 additional call to be provided by a service arriving TEN 1900-2159	
Tenby		TEN		8:15	23:43			0	1	3	2	1	2	9	1 additional call to be provided by a service arriving TEN 1900-2159	
Saundersfoot		SDF		8:15	23:43			0	1	3	2	1	2	9		
Kilgetty		KGT		8:15	23:43			0	1	3	2	1	2	9		
Narberth		NAR		8:15	23:43			0	1	3	2	1	2	9		
Whitland		WTL		6:48	1:15			1	3	8	4	5	5	26		
Carmarthen		CMN						1	3	8	4	5	5	26		

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 Millford 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

Wales and Borders Rail and South Wales Metro

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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 timetable unless otherwise stated							Total	Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0700-0659	0700-0659	0800-1059	1100-1859	1900-2159	2200-0159				
								H	I	J	K	L	M	N			
Shrewsbury								2	1	2	1	1	0	7		Includes F&W services only	
Church Stretton	CTT			5:15	21:02			2	1	2	1	1	0	7		Includes F&W services only	
Crumlin Arms	CAW			5:15	21:02			2	1	2	1	1	0	7		Includes F&W services only	
Broom's Barn	BMB			5:43	21:02			1	1	2	1	1	0	6		Includes F&W services only	
Hopson Heath	HPT			5:43	21:02			1	1	2	1	1	0	6		Includes F&W services only	
Buckfastleigh	BKC			5:43	21:02			1	1	2	1	1	0	6		Includes F&W services only	
Knighton	KNI			5:15	21:02			2	1	2	1	1	0	7			
Knuckles	KNU			5:43	21:02			1	1	2	1	1	0	6			
Uttercliffe	UGO			5:43	21:02			1	1	2	1	1	0	6			
Uttercliffe Road	URD			5:43	21:02			1	1	2	1	1	0	6			
Dunston	DUK			5:43	21:02			1	1	2	1	1	0	6			
Plus Val Bone	PBY			5:43	21:02			1	1	2	1	1	0	6			
Uttercliffe	LLO			5:15	21:02			2	1	2	1	1	0	7			
Bath Road	BWR			5:43	18:00			1	1	2	1	0	0	5			
Clewer	CM			5:43	18:00			1	1	2	1	0	0	5			
Green Pools	GTH			5:43	18:00			1	1	2	1	0	0	5			
Langenhamb	LPH			5:43	18:00			1	1	2	1	0	0	5			
Uttercliffe	LNW			5:43	18:00			1	1	2	1	0	0	5			
Eightfold	SKG			5:43	18:00			1	1	2	1	0	0	5			
Cyfarthfa	CTN			5:43	18:00			1	1	2	1	0	0	5			
Uttercliffe	LLV			5:43	18:00			1	1	2	1	0	0	5		I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	
Uttercliffe	LNW			5:43	18:00			1	1	2	1	0	0	5		I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	
Uttercliffe	LLS			5:43	18:00			1	1	2	1	0	0	5		I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	
Uttercliffe	LLS			5:43	18:00			1	1	2	1	0	0	5		I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	
Uttercliffe	FFA			5:43	18:00			1	1	2	1	0	0	5		I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	
Uttercliffe	LLI			5:43	18:00			1	1	2	1	0	0	5		I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	
Ammanford	AMF			5:43	18:00			1	1	2	1	0	0	5		I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	
Porton Down	PTD			5:43	18:00			1	1	2	1	0	0	5		I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	
Porton Down	PTD			5:43	18:00			1	1	2	1	0	0	5		I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	
Langenhamb	LPH			5:43	18:00			1	1	2	1	0	0	5		I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	
Bryn	BYE			5:43	18:00			1	1	2	1	0	0	5		I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	
Uttercliffe	LLI			5:43	18:00			1	1	2	1	0	0	5		Includes services via N&W line only. I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	
Goventon	GVN			5:43	18:00			1	1	2	1	0	0	5		Includes services via N&W line only. I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	
Swainswick	SWA			5:43	18:00			1	1	2	1	0	0	5		Includes services via N&W line only. I additional call to be provided by a service arriving SWA no later than 08:15. I further call to be provided by a service to SWA.	

End

Number of services	Public Journey time (mins)	Journey times			Number of services	Public Journey time (mins)
		R	S	T		
7	94	7 services from Shrewsbury to Uttercliffe shall have a journey time of no more than 94 minutes	6	90	Of which 6 services shall have a journey time of no more than 90 minutes	
7	107	7 services from Uttercliffe to Swainswick shall have a journey time of no more than 107 minutes	6	94	Of which 6 services shall have a journey time of no more than 94 minutes	
5	251	5 services from Shrewsbury to Swainswick 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	

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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							Notes on additional requirements for number of calls at Station and direct links to other stations
	A	B	C					0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Swansea				9:35	22:50			0	1	1	1	1	1	5	Includes services via HoW Line only. 1 further call to be provided by a service to LLV.
Gowerton	GWN			9:35	22:50			0	1	1	1	1	1	5	Includes services via HoW Line only. 1 further call to be provided by a service to LLV.
Llanelli	LLE			9:35	22:50			0	1	1	1	1	1	5	Includes services via HoW only. 1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Bynea	BYE			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Llangennech	LLH			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Pontarddulais	PTD			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Pantyyfynnon	PTF			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Ammanford	AMF			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Llandybie	LLI			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Ffairfach	FFA			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Llandeilo	LLL			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Llangadog	LLG			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Llanwrda	LNR			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Llandovery	LLV			9:35	22:50			0	1	1	1	1	1	5	1 additional call to be provided by a service departing LLE 0200-0659 and 1 further call to be provided by a service to LLV.
Cyngorhdy	CYN			9:35	22:50			0	1	1	1	1	1	5	
SugarLoaf	SUG			9:35	22:50			0	1	1	1	1	1	5	
Llanwrtyd	LNW			9:35	22:50			0	1	1	1	1	1	5	
Llangammarch	LLM			9:35	22:50			0	1	1	1	1	1	5	
Garth Powys	GTH			9:35	22:50			0	1	1	1	1	1	5	
Cilmeri	CIM			9:35	22:50			0	1	1	1	1	1	5	
Builth Road	BHR			9:35	22:50			0	1	1	1	1	1	5	
Llandrindod	LLO			8:00	0:09			0	2	1	1	1	2	7	
Pen Y Bont	PNY			8:00	0:09			0	2	1	1	1	2	7	
Dolau	DOL			8:00	0:09			0	2	1	1	1	2	7	
Llanbister Road	LLT			8:00	0:09			0	2	1	1	1	2	7	
Llangynllo	LGO			8:00	0:09			0	2	1	1	1	2	7	
Knucklas	KNU			8:00	0:09			0	2	1	1	1	2	7	
Knighton	KNI			8:00	0:09			0	2	1	1	1	2	7	
Bucknell	BUK			8:00	0:09			0	2	1	1	1	2	7	
Hopton Heath	HPT			8:00	0:09			0	2	1	1	1	2	7	
Broome	BME			8:00	0:09			0	2	1	1	1	2	7	
Craven Arms	CRV			8:00	0:09			0	2	1	1	1	2	7	Includes services via HoW Line only
Church Stretton	CTT			8:00	0:09			0	2	1	1	1	2	7	Includes services via HoW Line only
Shrewsbury	SHR			8:00	0:09			0	2	1	1	1	2	7	Includes services via HoW Line only

End

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Cambrian Line Departures

Station	Early departure			Late departure			Minimum number of calls at station by W&B services			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	
Birmingham International	BMI					7:21	21:15			0	3	6	3	3	0	15
Birmingham New St	BNI									1	3	6	3	3	2	18
Stretchington Bridge	SGB			6:25	23:30					1	3	6	3	3	2	18
Stredwale & Duffry	SDI									0	0	0	0	0	0	0
Wolverhampton	WVH			6:25	23:30					1	3	6	3	3	2	18
Stafford	STA									0	0	0	0	0	1	1
Crews	CRW									0	0	0	0	0	1	1
Bilston	BIC			23:40	23:40					0	0	0	0	0	1	1
Codral	CSL			23:40	23:40					0	0	0	0	0	1	1
Alington	ALB			23:40	23:40					0	0	0	0	0	1	1
Cuddeston	CDU			23:40	23:40					0	0	0	0	0	1	1
Stratford	STR			23:40	23:40					0	0	0	0	0	1	1
Telford Central	THC			6:25	23:30					1	3	6	3	3	1	17
Changan	CHA			23:40	23:40					0	0	0	0	0	1	1
Widnesley Siding	WLN			6:25	23:30					1	3	6	3	3	1	17
Strenshurst	SHR			6:25	23:30					1	3	6	3	3	1	17

Journey times					
Number of services	Public journey time (mins)	Journey times			
		R	S	T	U
P	Q				
18	23	18 services from Birmingham New St to Wolverhampton shall have a journey time of no more than 42 minutes			
17	75	17 services from Birmingham New St to Strenshurst shall have a journey time of no more than 75 minutes			

Station	Early departure			Late departure			Minimum number of calls at station by W&B services			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	
Strenshurst	SHR	Dep								1	3	6	3	3	0	15
Widnesley	WLN			6:25	21:50					1	3	6	3	3	0	15
Howden Power	HWY			6:25	21:50					1	3	6	3	3	0	15
Carver	CVR			6:25	21:50					1	3	6	3	3	0	15
Michynketh	MKN			6:25	21:50					1	3	6	3	3	0	15

Journey times					
Number of services	Public journey time (mins)	Journey times			
		R	S	T	U
P	Q				
16	82	16 services from Strenshurst to Michynketh shall have a journey time of no more than 82 minutes			

Station	Early departure			Late departure			Minimum number of calls at station by W&B services			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	
Michynketh	MKN									5	4	9	4	5	1	28
Clwyd Junction	CLJ			4:55	23:01					5	4	9	4	5	1	28
Bath	BTH			4:55	23:01					3	3	6	3	3	1	19
Box Street	BOX			4:55	23:01					3	3	6	3	3	1	19
Aberystwyth	ABW			4:55	23:01					3	3	6	3	3	1	19
Penhelig	PHG			5:07	21:45					2	1	3	1	2	0	9
Aberdovey	ABV			5:07	21:45					2	1	3	1	2	0	9
Dregh	DRG			5:07	21:45					2	1	3	1	2	0	9
Tonfaw	TNF			5:07	21:45					2	1	3	1	2	0	9
Llangw	LLW			5:07	21:45					2	1	3	1	2	0	9
Farbourne	FAB			5:07	21:45					2	1	3	1	2	0	9
Port Maendach	PMA			5:07	21:45					2	1	3	1	2	0	9
Berwath	BRW			5:07	21:45					2	1	3	1	2	0	9
Llaner	LLA			6:45	21:45					1	1	3	1	2	0	8
Talbot	TAL			6:45	21:45					1	1	3	1	2	0	8
Dyffryn Ardudwy	DYA			6:45	21:45					1	1	3	1	2	0	8
Llaner	LLA			6:45	21:45					1	1	3	1	2	0	8
Penar	PEN			6:45	21:45					1	1	3	1	2	0	8
Llaner	LLA			6:45	21:45					1	1	3	1	2	0	8
Harlech	HRL			6:45	21:45					1	1	3	1	2	0	8
Tygh	TYG			6:45	21:45					1	1	3	1	2	0	8
Talarna	TAL			6:45	21:45					1	1	3	1	2	0	8
Llaner	LLA			6:45	21:45					1	1	3	1	2	0	8
Panhydudraeth	PHD			6:45	21:45					1	1	3	1	2	0	8
Penrhos	PRH			6:45	21:45					1	1	3	1	2	0	8
Portmadoc	PMD			6:45	21:45					1	1	3	1	2	0	8
Concath	CCC			6:45	21:45					1	1	3	1	2	0	8
Penrhos	PRH			6:45	21:45					1	1	3	1	2	0	8
Abererch	ABR			6:45	21:45					1	1	3	1	2	0	8
Penrhos	PEN			6:45	21:45					1	1	3	1	2	0	8

Journey times					
Number of services	Public journey time (mins)	Journey times			
		R	S	T	U
P	Q				
18	41	18 services from Michynketh to Aberystwyth shall have a journey time of no more than 41 minutes			
8	154	8 services from Michynketh to Penrhos shall have a journey time of no more than 154 minutes			

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Cambrian Line Arrivals

Station	Early arrival at BHM			Late arrival at BHM			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	
	A	B	C	D	E	F	G	H	I	J	K	L	M		Total Day
Stredwely	SHR			6:18	23:27				1	3	6	3	2	2	17
Welbton Gap	WGN			6:18	23:27				1	3	6	3	2	2	17
Chalgrem	CHN								0	0	0	0	0	0	0
Thalgar Canal	TCN			6:18	23:27				1	3	6	3	2	2	17
Shiloh	SPN								0	0	0	0	0	0	0
Castell	CSN								0	0	0	0	0	0	0
Abertrigon	ALB								0	0	0	0	0	0	0
Colwall	CSL								0	0	0	0	0	0	0
Bilwales	BWS								0	0	0	0	0	0	0
Croes	CRS			6:10					1	2	0	0	0	0	3
Galfford	GFL			6:10					1	0	0	0	0	0	1
Wolrhampston	WVN			6:10	23:27				2	3	6	3	2	2	18
Sandwell & Dudley	SAD								0	0	0	0	0	0	0
Sandwich Station Bridge	SSB			6:18	23:30				1	3	6	3	2	2	18
Birmingham New St	BHM								2	3	6	3	2	2	18
Birmingham International	BBI					6:36	20:25		1	3	6	3	2	0	15

Journey times					
Number of services	Public journey time (mins)	Number of services			Public journey time (mins)
		P	Q	U	
17	72	17 services from Stredwely to Birmingham New St shall have a journey time of no more than 72 minutes			14
				62	Of which 34 services shall have a journey time of no more than 62 minutes
18	23	18 services from Wolrhampston to Birmingham New St shall have a journey time of no more than 23 minutes			14
				23	Of which 14 services shall have a journey time of no more than 23 minutes

Station	Early arrival at SHR from SHM from			Late arrival at SHR from SHM from			Minimum number of calls at station by SHM services arriving at SHR during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations	
	A	B	C	D	E	F	G	H	I	J	K	L	M		Total Day
Methyleneth	MCN			7:10	21:17				0	3	6	3	3	0	15
Carmar	CWS			7:10	21:17				0	3	6	3	3	0	15
Powerson Pines	PNV			7:10	21:17				0	3	6	3	3	0	15
Walsby	WSP			7:10	21:17				0	3	6	3	3	0	15
Stredwely	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	U	
15	77	15 services from Methyleneth to Stredwely shall have a journey time of no more than 77 minutes			13
				76	Of which 13 services shall have a journey time of no more than 76 minutes

Station	Early arrival at MCN from SHM from			Late arrival at MCN from SHM from			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
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Total Day					
Pwllhel	PWL			8:47	22:45				0	2	3	1	1	1	8					
Abertrich	ABT			8:47	22:45				0	2	3	1	1	1	8					
Presarth	PRC			8:47	22:45				0	2	3	1	1	1	8					
Cruceth	CRS			8:47	22:45				0	2	3	1	1	1	8					
Porthmeig	PTH			8:47	22:45				0	2	3	1	1	1	8					
Murford	MFR			8:47	22:45				0	2	3	1	1	1	8					
Penrhyddolowen	PRH			8:47	22:45				0	2	3	1	1	1	8					
Llanerby	LIC			8:47	22:45				0	2	3	1	1	1	8					
Talarnau	TAL			8:47	22:45				0	2	3	1	1	1	8					
Tylorn	TYS			8:47	22:45				0	2	3	1	1	1	8					
Muloch	MRL			8:47	22:45				0	2	3	1	1	1	8					
Landarog	LDN			8:47	22:45				0	2	3	1	1	1	8					
Penryn	PNR			8:47	22:45				0	2	3	1	1	1	8					
Llanaber	LBR			8:47	22:45				0	2	3	1	1	1	8					
Dyffryn Ardudwy	DFR			8:47	22:45				0	2	3	1	1	1	8					
Tilghy	TIL			8:47	22:45				0	2	3	1	1	1	8					
Llanaber	LIA			8:47	22:45				0	2	3	1	1	1	8					
Barmouth	BMT			7:45	22:45				0	3	3	1	1	1	9					
Murry Mawddach	MMA			7:45	22:45				0	3	3	1	1	1	9					
Harbour	HAR			7:45	22:45				0	3	3	1	1	1	9					
Manhent	LUN			7:45	22:45				0	3	3	1	1	1	9					
Tonfaw	TNF			7:45	22:45				0	3	3	1	1	1	9					
Troy	TRO			7:45	22:45				0	3	3	1	1	1	9					
Aberdare	ABY			7:45	22:45				0	3	3	1	1	1	9					
Pwllheli	PHG			7:45	22:45				0	3	3	1	1	1	9					
Aberystwyth	AYW			6:01	0:10				1	3	6	3	3	3	19					
Bow Street	BSW			6:01	0:10				1	3	6	3	3	3	19					
Bank	BAN			6:01	0:10				1	3	6	3	3	3	19					
Clopp Junction	DVY			6:01	0:10				1	6	9	4	4	4	28					
Machynlleth	MCN	arr		6:01	0:10				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	U	
8	155	8 services from Pwllheli to Machynlleth shall have a journey time of no more than 155 minutes			6
				147	Of which 6 services shall have a journey time of no more than 147 minutes
19	43	19 services from Aberystwyth to Machynlleth shall have a journey time of no more than 43 minutes			16
				40	Of which 16 services shall have a journey time of no more than 40 minutes

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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 given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159			
Manchester Airport	MAN							2	3	6	3	3	2	19	Based on arrival times at MAN. Early arrival no later than 05:45. Last arrival no earlier than 21:50.	
Manchester Piccadilly	MAN							2	3	6	4	3	3	21		
Manchester Oxford Road	MCC							3	3	6	4	3	3	20		
Newton Le Willows	NLW							2	3	6	4	3	2	20		
Earlestown	ERL							2	3	6	4	3	2	20		
Warrington Bank Quay	WBQ							2	3	6	4	3	2	20		
Runcorn East	RUE							2	3	6	4	3	2	20		
Liverpool Lime Street	LIV							1	3	6	3	3	1	17		
Liverpool South Parkway	LSP							1	3	6	3	3	1	17		
Runcorn	RUN							1	3	6	3	3	1	17		
Frindsbury	FRD							3	6	12	7	6	3	37		
Helsby	HOB							3	6	12	7	6	3	37		
Chester	CTR							3	6	12	7	6	4	38		

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
20	40	20 services from Manchester Piccadilly to Warrington Bank Quay shall have a journey time of no more than 40 minutes	15	38	Of which 15 services shall have a journey time of no more than 38 minutes
21	68	21 services from Manchester Piccadilly to Chester shall have a journey time of no more than 68 minutes	10	66	Of which 10 services shall have a journey time of no more than 66 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing CTR during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159			
Services between CRE and CTR specified below based on arrival times at CTR																
Crewe	CRE							0	4	7	3	5	4	23	Based on arrival times at CTR	
Services below based on departure times from CTR																
Cherter	CTR	dep						2	9	18	9	4	3	45	Conwy Valley services from BFF excluded. See table below for all LLY to LLD departures.	
Shotton	SHT	6:40	22:55					2	8	13	8	3	2	36		
Ries	RIE	6:40	0:40					3	8	18	9	4	3	44		
Preston	PRT	6:40	0:40					2	8	18	9	3	3	43		
Rhy	RHL	6:40	0:40					2	8	18	9	4	3	44		
Melchett & Porsam	MGL	6:40	22:55					1	6	7	5	3	2	24		
Colwyn Bay	CWB	6:40	0:40					2	8	18	9	4	3	44		
Llandudno Junction	LJJ	6:40	0:40					2	9	18	9	4	3	45		
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	CNW	6:59	22:55					1	4	8	5	1	2	21		
Penmaenpool	PMW	6:59	22:55					1	4	8	5	1	2	21		
Llanfyllfach	LFF	6:59	22:55					1	4	8	5	1	2	21		
Bangor Gwynedd	BNG	6:59	0:40					1	5	12	6	2	3	29		
Llandudno	LDC	7:26	22:04					0	2	5	2	1	1	11		
Bodorgan	BOR	7:26	22:04					0	2	5	2	1	1	11		
Ty Croes	TYC	7:26	22:04					0	2	5	2	1	1	11		
Ploweg	PLW	7:26	22:04					0	2	5	2	1	1	11		
Valley	VAL	7:26	22:04					0	2	5	2	1	1	11		
Holyhead	HHD	7:26	0:40					0	3	7	4	2	3	19		

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

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services from BFF to LJJ and LLY to LLD during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159			
Blaenau Ffestiog	BFF							0	2	2	1	1	0	6	All LJJ to LLD services All LLY to LLD services All LJJ to LLD services	
Rhosu Bridge	RHB							0	2	2	1	1	0	6		
Dunfermline	DWD							0	2	2	1	1	0	6		
Pons Y Fawr	PYP							0	2	2	1	1	0	6		
Bewes Y Coed	BYC							0	2	2	1	1	0	6		
Llanerch	LWR							0	2	2	1	1	0	6		
North Llanelwedd	NLL							0	2	2	1	1	0	6		
Degby	DGL							0	2	2	1	1	0	6		
Ty Croes	TYC							0	2	2	1	1	0	6		
Glan Conwy	GCV							0	2	2	1	1	0	6		
Llandudno Junction	LJJ	arr						0	3	3	1	1	0	6		
Llandudno Junction	LJJ	dep						3	6	11	6	6	0	32		
Degby	DGY							3	6	11	6	6	0	32		
Llandudno	LLD							3	6	11	6	6	0	32		

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
32	16	32 services from Llandudno Junction to Llandudno shall have a journey time of no more than 16 minutes	24	15	Of which 24 services shall have a journey time of no more than 15 minutes

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North Wales Arrivals

Station	Early arrival at MAN		Late arrival at MAN		Early arrival at LLY from		Late arrival at LLY from		Minimum number of calls at station by W&B services arriving at MAN or LLY 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	
Chester	CTR	6:44	0:35		6:40	22:15			3	8	12	7	6	3	39	
Helby	HSB	6:40	0:35		6:40	22:15			2	8	12	7	6	3	38	
Frodoham	FRO	6:40	0:35		6:40	22:15			2	8	12	7	6	3	38	
Runcorn	RUN				6:40	22:15			1	4	6	3	3	1	18	
Liverpool South Parkway	LPT				6:40	22:15			1	4	6	3	3	1	18	
Liverpool Lime Street	LIV								1	4	6	3	3	1	18	
Runcorn East	RUE	6:40	0:35						1	4	6	4	3	2	20	
Warrington Bank Quay	WBQ	6:40	0:35						1	4	6	4	3	2	20	
Earlestown	EAR	6:40	0:35						1	4	6	4	3	2	20	
Newton Le Willows	NLW	6:40	0:35						1	4	6	4	3	2	20	
Manchester Oxford Road	MCO	6:40	22:55						1	4	6	4	3	2	20	
Manchester Piccadilly	MAN								2	4	6	4	3	2	21	
Manchester Airport	MAA				4:45	20:55			2	3	6	3	3	1	18	Based on departure times from MAN. Early departure no later than 04:45. Late departure no earlier than 20:55.

Journey times				
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)	
P	Q	R	S	T
21	71	16	62	Of which 16 services shall have a journey time of no more than 62 minutes
20	44	17	36	Of which 17 services shall have a journey time of no more than 36 minutes

Station	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
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Total Day	
Holyhead	HHD	6:09	22:19						1	4	7	3	3	1	19	
Falvey	FAL	6:09	21:11						1	3	5	1	3	0	13	
Rhosogre	RHO	8:21	21:11						0	2	4	1	3	0	10	
Ty Croes	TYC	8:21	21:11						0	2	4	1	3	0	10	
Bangor	BOR	8:21	21:11						0	2	4	1	3	0	10	
Llanyrddel	LPG	6:09	21:11						1	3	5	1	3	0	13	
Bangor Gwynedd	BNG	6:09	22:19						1	6	12	6	5	1	31	
Llandudno	LUD	7:03	22:19						0	4	9	5	5	1	24	
Porthmadog	PMW	7:03	22:19						0	4	9	5	5	1	24	
Conwy	CNW	7:03	22:19						0	4	9	5	5	1	24	
Llandudno	LUD	7:55	22:55						0	5	6	3	3	2	19	Through services towards CTR only
Degemey	DGY	7:55	22:55						0	5	6	3	3	2	19	Through services towards CTR only
Llandudno Junction	LJL	5:35	22:55						3	11	18	9	8	2	51	Conwy valley services to BFF excluded. See table below for all LLD-LJL services.
Crovan Bay	CRV	5:35	22:55						3	11	18	8	8	2	50	
Abergete & Penam	AGL	5:35	22:55						1	5	6	3	3	2	20	
Rhy	RHL	5:35	22:55						3	11	18	8	8	2	50	
Preafan	PRE	5:35	22:55						3	9	18	8	8	2	48	
Fliss	FLN	5:35	22:55						3	10	18	8	8	2	49	
Shotton	SHO	5:35	22:55						2	7	13	6	6	2	36	
Chester	CTR	arr							3	11	18	9	8	2	51	
Services between CTR and CRV excluded below based on departure time from CTR.																
Croes	CRV				4:22	23:01			5	4	6	3	4	2	24	Based on departure times at CTR.

Journey times				
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)	
P	Q	R	S	T
19	121	15	112	Of which 15 services shall have a journey time of no more than 112 minutes
31	83	24	76	Of which 24 services shall have a journey time of no more than 76 minutes
19	73	15	66	Of which 15 services shall have a journey time of no more than 66 minutes
51	67	44	56	Of which 44 services shall have a journey time of no more than 56 minutes
24	26	22	25	Of which 22 services shall have a journey time of no more than 25 minutes

Station	Early arrival at LJL from		Late arrival at LJL from		Early departure from LJL to		Late departure from LJL to		Minimum number of calls at station by W&B services from LLD to LJL and LJL to BFF arriving at/departing from LJL during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Total Day	
Llandudno	LLD	6:04	21:55						3	6	11	5	6	0	31	At LLD on LJL services
Degemey	DGY	6:04	21:55						3	6	11	5	6	0	31	At LLD on LJL services
Llandudno Junction	LJL	arr							3	6	11	5	6	0	31	At LLD on LJL services
Llandudno Junction	LJL	dep			7:26	19:20			1	1	2	1	1	0	6	
Ston Conwy	GCW				7:26	19:20			0	1	2	1	1	0	5	
Tal Y Cafn	TLC				5:30	19:20			1	1	2	1	1	0	6	
Dolgerrol	DGL				7:26	19:20			0	1	2	1	1	0	5	
Nack Llanerwa	NLS				7:26	19:20			0	1	2	1	1	0	5	
Llanerwa	LWR				5:30	19:20			1	1	2	1	1	0	6	
Bona Y Goed	BVC				5:30	19:20			1	1	2	1	1	0	6	
Post Y Pant	PPY				7:26	19:20			0	1	2	1	1	0	5	
Dolwyddelan	DWD				7:26	19:20			0	1	2	1	1	0	5	
Rhosun Bridge	RHB				7:26	19:20			0	1	2	1	1	0	5	
Blaenau Ffestiniog	BFF				5:30	19:20			1	1	2	1	1	0	6	

Journey times				
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)	
P	Q	R	S	T
31	15	25	13	Of which 25 services shall have a journey time of no more than 13 minutes
4	65	5	44	Of which 5 services shall have a journey time of no more than 44 minutes