

Train Service Requirements

Wales & Borders Rail Service and South Wales Metro Weekdays TSR 1b December 2021 SX

Confidentiality	TBC
Version	Final
Date	5/23/2018

Wales and Borders Rail and South Wales

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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 refer to the key station unless otherwise stated in column O.

The key stations used are:

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

Compliance and Flexibility

Services are allocated to a time band based on the exact time to the nearest full minute using "Public Times" that the service arrives or departs the key station as specified in each individual table. Services may be deemed compliant if within 10 minutes earlier or later than the specified time band, although use of such 'flex' should be minimised. The total quantum of services allocated to each time band must remain compliant with that stated in the TSR tables. Where services are not compliant, they will be deemed non-compliant.

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.

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 hot cooked meal (breakfast or dinner as appropriate), which may be pre-

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 Llanwyrtd 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	191	20 services from Cardiff Central to Crewe shall have a journey time of no more than 191 minutes	15	169
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	208
Manchester Piccadilly	Cardiff Central	15	238	15 services from Manchester Piccadilly to Cardiff Central shall have a journey time of no more than 238 minutes	12	213
Crewe	Cardiff Central	18	382	18 services from Crewe to Cardiff Central shall have a journey time of no more than 382 minutes	14	181
Cardiff Central	Wrexham	8	174	8 services from Cardiff Central to Wrexham shall have a journey time of no more than 174 minutes	6	164
Cardiff Central	Chester	11	194	11 services from Cardiff Central to Chester shall have a journey time of no more than 194 minutes	9	189
Cardiff Central	Llandudno Junction	8	258	8 services from Cardiff Central to Llandudno Junction shall have a journey time of no more than 258 minutes	6	249
Cardiff Central	Bangor	7	283	7 services from Cardiff Central to Bangor shall have a journey time of no more than 283 minutes	6	262
Cardiff Central	Holyhead	7	313	7 services from Cardiff Central to Holyhead shall have a journey time of no more than 313 minutes	6	304
Holyhead	Cardiff Central	8	303	8 services from Holyhead to Cardiff Central shall have a journey time of no more than 303 minutes	6	299
Bangor	Cardiff Central	8	272	8 services from Bangor to Cardiff Central shall have a journey time of no more than 272 minutes	6	258
Llandudno Junction	Cardiff Central	9	254	9 services from Llandudno Junction to Cardiff Central shall have a journey time of no more than 254 minutes	7	240
Chester	Cardiff Central	9	199	9 services from Chester to Cardiff Central shall have a journey time of no more than 199 minutes	7	180
Wrexham	Cardiff Central	9	184	9 services from Wrexham to Cardiff Central shall have a journey time of no more than 184 minutes	7	164
Swansea	Shrewsbury	14	195	14 services from Swansea to Shrewsbury shall have a journey time of no more than 195 minutes	11	188
Swansea	Crewe	16	311	16 services from Swansea to Crewe shall have a journey time of no more than 311 minutes	12	226
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	303	12 services from Manchester Piccadilly to Swansea shall have a journey time of no more than 303 minutes	9	276
Crewe	Swansea	16	316	16 services from Crewe to Swansea shall have a journey time of no more than 316 minutes	12	245
Shrewsbury	Swansea	15	223	15 services from Shrewsbury to Swansea shall have a journey time of no more than 223 minutes	12	199
Birmingham New Street	Wrexham	9	100	9 services from Birmingham New Street to Wrexham shall have a journey time of no more than 100 minutes	6	99
Birmingham New Street	Chester	10	123	10 services from Birmingham New Street to Chester shall have a journey time of no more than 123 minutes	8	121
Birmingham New Street	Llandudno Junction	7	182	7 services from Birmingham New Street to Llandudno Junction shall have a journey time of no more than 182 minutes	6	176
Birmingham New Street	Bangor	5	203	5 services from Birmingham New Street to Bangor shall have a journey time of no more than 203 minutes	4	202
Birmingham New Street	Holyhead	5	237	5 services from Birmingham New Street to Holyhead shall have a journey time of no more than 237 minutes	5	237
Holyhead	Birmingham New Street	5	252	5 services from Holyhead to Birmingham New Street shall have a journey time of no more than 252 minutes	4	251
Bangor	Birmingham New Street	5	213	5 services from Bangor to Birmingham New Street shall have a journey time of no more than 213 minutes	4	211
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	187
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	121
Wrexham	Birmingham New Street	7	110	7 services from Wrexham to Birmingham New Street shall have a journey time of no more than 110 minutes	5	107
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	12	116	12 services from Aberystwyth to Shrewsbury shall have a journey time of no more than 116 minutes	11	114
Aberystwyth	Birmingham New Street	8	185	8 services from Aberystwyth to Birmingham New Street shall have a journey time of no more than 185 minutes	8	185
Birmingham New Street	Aberystwyth	11	196	11 services from Birmingham New Street to Aberystwyth shall have a journey time of no more than 196 minutes	7	181
Shrewsbury	Aberystwyth	12	120	12 services from Shrewsbury to Aberystwyth shall have a journey time of no more than 120 minutes	10	116
Pwelli	Shrewsbury	5	239	5 services from Pwelli to Shrewsbury shall have a journey time of no more than 239 minutes	4	227
Pwelli	Birmingham New Street	5	311	5 services from Pwelli to Birmingham New Street shall have a journey time of no more than 311 minutes	4	301
Birmingham New Street	Pwelli	5	300	5 services from Birmingham New Street to Pwelli shall have a journey time of no more than 300 minutes	4	299
Shrewsbury	Pwelli	5	237	5 services from Shrewsbury to Pwelli shall have a journey time of no more than 237 minutes	4	235
Manchester Piccadilly	Chester	21	71	21 services from Manchester Piccadilly to Chester shall have a journey time of no more than 71 minutes	17	68
Manchester Piccadilly	Llandudno Junction	13	125	13 services from Manchester Piccadilly to Llandudno Junction shall have a journey time of no more than 125 minutes	11	122
Llandudno Junction	Manchester Piccadilly	15	135	15 services from Llandudno Junction to Manchester Piccadilly shall have a journey time of no more than 135 minutes	12	125
Chester	Manchester Piccadilly	21	76	21 services from Chester to Manchester Piccadilly shall have a journey time of no more than 76 minutes	16	68
Fishguard Harbour	Swansea	2	122	2 services from Fishguard Harbour to Swansea shall have a journey time of no more than 122 minutes	1	99
Milford Haven	Swansea	8	109	8 services from Milford Haven to Swansea shall have a journey time of no more than 109 minutes	6	107
Pembroke Dock	Swansea	7	154	7 services from Pembroke Dock to Swansea shall have a journey time of no more than 154 minutes	6	139
Swansea	Fishguard Harbour	4	118	4 services from Swansea to Fishguard Harbour shall have a journey time of no more than 118 minutes	3	111
Swansea	Milford Haven	9	118	9 services from Swansea to Milford Haven shall have a journey time of no more than 118 minutes	7	114
Swansea	Pembroke Dock	5	146	5 services from Swansea to Pembroke Dock shall have a journey time of no more than 146 minutes	4	144
Fishguard Harbour	Cardiff Central	2	182	2 services from Fishguard Harbour to Cardiff Central shall have a journey time of no more than 182 minutes	1	153
Milford Haven	Cardiff Central	8	176	8 services from Milford Haven to Cardiff Central shall have a journey time of no more than 176 minutes	6	170
Cardiff Central	Fishguard Harbour	1	172	1 services from Cardiff Central to Fishguard Harbour shall have a journey time of no more than 172 minutes	1	172
Cardiff Central	Milford Haven	9	198	9 services from Cardiff Central to Milford Haven shall have a journey time of no more than 198 minutes	7	190
Cardiff Central	Pembroke Dock	1	216	1 services from Cardiff Central to Pembroke Dock shall have a journey time of no more than 216 minutes	1	216

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

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

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

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Cardiff West Departures

Station	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							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		
Cardiff Central	CDF							3	9	18	8	6	3	47		
Pontyclun	PYC			5:35	23:15			1	3	6	5	3	2	20		
Llanharan	LLR			5:35	23:15			1	3	6	4	3	2	19		
Pencoed	PCD			5:35	23:15			1	3	6	5	3	2	20		
Bridgend	BGN			5:35	23:15			3	9	18	8	6	3	47		
Wildmill	WMI			5:55	22:35			1	3	6	3	3	1	17		
Sarn	SRR			5:55	22:35			1	3	6	3	3	1	17		
Tondu	TDU			5:55	22:35			1	3	6	3	3	1	17		
Garth Mid Glam	GMG			5:55	22:35			1	3	6	3	3	1	17		
Maesteg Eweny Rd	MEW			5:55	22:35			1	3	6	3	3	1	17		
Maesteg	MST			5:55	22:35			1	3	6	3	3	1	17		
Pyle	PYL			5:35	23:15			2	3	3	4	2	1	15		
Port Talbot Parkway	PTA			5:35	23:15			2	4	10	4	3	2	25		
Baglan	BAJ			5:35	23:15			2	3	3	2	1	1	12		
Briton Ferry	BNF			5:35	23:15			2	3	3	2	1	1	12		
Neath	NTH			5:35	23:15			2	4	10	4	3	1	24	<i>1 additional call to be provided FO by a service departing CDF 22:00:0159</i>	
Skewen	SKE			5:35	23:15			2	3	3	2	1	1	12		
Llansamlet	LAS			5:35	23:15			2	3	3	2	1	1	12		
Swansea	SWA			5:35	23:15			2	4	10	4	3	1	24	<i>1 additional call to be provided FO by a service departing CDF 22:00:0159</i>	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	
47	34	47 services from Cardiff Central to Bridgend shall have a journey time of no more than 34 minutes	35	28	Of which 35 services shall have a journey time of no more than 28 minutes
17	61	17 services from Cardiff Central to Maesteg shall have a journey time of no more than 61 minutes	14	57	Of which 14 services shall have a journey time of no more than 57 minutes
24	79	24 services from Cardiff Central to Swansea shall have a journey time of no more than 79 minutes	18	70	Of which 18 services shall have a journey time of no more than 70 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			7:47	23:39			0	4	10	5	2	3	24	
Llansamlet	LAS			7:47	23:39			0	1	3	3	1	2	10	
Skewen	SKE			7:47	23:39			0	1	3	3	1	2	10	
Neath	NTH			7:47	23:39			0	4	9	5	2	3	23	
Briton Ferry	BNF			7:47	23:39			0	1	3	3	1	2	10	
Baglan	BAJ			7:47	23:39			0	1	3	3	1	2	10	
Port Talbot Parkway	PTA			6:47	23:39			1	4	9	5	2	3	24	
Pyle	PYL			6:47	23:39			1	3	3	3	1	2	13	
Maesteg	MST			7:35	23:10			0	2	6	3	3	2	16	
Maesteg Eweny Rd	MEW			7:35	23:10			0	2	6	3	3	2	16	
Garth Mid Glam	GMG			7:35	23:10			0	2	6	3	3	2	16	
Tondu	TDU			7:35	23:10			0	2	6	3	3	2	16	
Sarn	SRR			7:35	23:10			0	2	6	3	3	2	16	
Wildmill	WMI			7:35	23:10			0	2	6	3	3	2	16	
Bridgend	BGN			6:47	23:40			1	8	21	10	5	5	50	Excludes services via RIA
Pencoed	PCD			6:47	23:10			1	4	6	3	3	2	19	
Llanharan	LLR			6:47	23:10			1	3	6	3	3	2	18	
Pontyclun	PYC			6:47	23:10			1	4	6	3	3	2	19	
Cardiff Central	CDF							1	8	21	10	5	5	50	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
24	74	24 services from Swansea to Cardiff Central shall have a journey time of no more than 74 minutes	19	69	Of which 19 services shall have a journey time of no more than 69 minutes
16	60	16 services from Maesteg to Cardiff Central shall have a journey time of no more than 60 minutes	12	55	Of which 12 services shall have a journey time of no more than 55 minutes
50	37	50 services from Bridgend to Cardiff Central shall have a journey time of no more than 37 minutes	37	28	Of which 37 services shall have a journey time of no more than 28 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1b December 2021 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Cardiff South Departures

Station	A	B	C	Early departure from CDF to stn no later than	Late departure from CDF to stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Cardiff Central	CDF	dep						9	30	60	28	16	6	149	
Ninian Park	NNP			5:35	22:55			2	6	12	6	3	1	30	Up to 2 services may depart CDF 0200-0659 towards BGN via main line
Waungron Park	WNG			7:06	22:55			0	6	12	6	3	1	28	
Fairwater	FRW			7:06	22:55			0	6	12	6	3	1	28	
Danescourt	DCT			7:06	22:55			0	6	12	6	3	1	28	
Radyr	RDR			7:06	22:55			0	6	12	6	3	1	28	Stopping services on City Line via FRW only
Grange town (Cardiff)	GTN			5:20	23:30			9	23	48	22	13	5	120	
Dingle Road	DGL			5:55	23:10			3	11	24	10	7	2	57	
Penarth	PEN			5:55	23:10			3	11	24	10	7	2	57	
Cogan	CGN			5:20	23:30			6	12	24	12	6	3	63	
Eastbrook	EBK			5:20	23:30			6	12	24	12	6	3	63	
Dinas Powys	DNS			5:20	23:30			6	12	24	12	6	3	63	
Cadoxton	CAD			5:20	23:30			6	12	24	12	6	3	63	
Barry Docks	BYD			5:20	23:30			6	12	24	12	6	3	63	
Barry	BRY			5:20	23:30			6	13	24	12	6	3	64	
Barry Island	BYI			5:20	23:30			4	9	18	9	3	2	45	
Rhose Cardiff International A/RIA				5:42	22:40			2	3	6	3	3	1	18	
Llantwit Major	LWM			5:42	22:40			2	3	6	3	3	1	18	
Bridgend	BGN	arr		5:42	22:40			2	3	6	3	3	1	18	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
28	23	28 services from Cardiff Central to Radyr shall have a journey time of no more than 23 minutes	22	19
				Of which 22 services shall have a journey time of no more than 19 minutes
57	16	57 services from Cardiff Central to Penarth shall have a journey time of no more than 16 minutes	57	16
				Of which 57 services shall have a journey time of no more than 16 minutes
45	31	45 services from Cardiff Central to Barry Island shall have a journey time of no more than 31 minutes	45	31
				Of which 45 services shall have a journey time of no more than 31 minutes
18	61	18 services from Cardiff Central to Bridgend shall have a journey time of no more than 61 minutes	17	59
				Of which 17 services shall have a journey time of no more than 59 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1b December 2021 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	23:43			1	3	6	3	3	2	18	Services via RIA only
Llantwit Major	LWM			6:40	23:43			1	3	6	3	3	2	18	
Rhosee Cardiff International / RIA				6:40	23:43			1	3	6	3	3	2	18	
Barry Island	BYI			5:45	23:13			3	8	18	9	5	2	45	
Barry	BRY			5:45	23:43			4	12	24	12	8	4	64	
Barry Docks	BYD			5:45	23:43			4	12	24	12	8	4	64	
Cadoxton	CAD			5:45	23:43			4	12	24	12	8	4	64	
Dinas Powys	DNS			5:45	23:43			4	12	24	12	8	4	64	
Eastbrook	EBK			5:45	23:43			4	12	24	12	8	4	64	
Cogan	CGN			5:45	23:43			4	12	24	12	8	4	64	
Penarth	PEN			6:15	23:40			2	11	24	11	6	3	57	
Dingle Road	DGL			6:15	23:40			2	11	24	11	6	3	57	
Grange town (Cardiff)	GTN			5:45	23:43			6	23	48	23	14	7	121	
Radyr	RDR			7:20	22:20			0	6	12	6	3	1	28	Stopping services on City Line via FRW only
Danescourt	DCT			7:20	22:20			0	6	12	6	3	1	28	
Fairwater	FRW			7:20	22:20			0	6	12	6	3	1	28	
Waugron Park	WNG			7:20	22:20			0	6	12	6	3	1	28	
Ninian Park	NNP			7:20	22:55			0	6	12	6	3	4	31	Up to 3 services may arrive at CDF 22:00-01:59 from BGN via main line
Cardiff Central	CDF							6	29	60	29	17	8	149	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
18	68	18 services from Bridgend to Cardiff Central shall have a journey time of no more than 68 minutes	16	59	Of which 16 services shall have a journey time of no more than 59 minutes
45	32	45 services from Barry Island to Cardiff Central shall have a journey time of no more than 32 minutes	42	31	Of which 42 services shall have a journey time of no more than 31 minutes
57	16	57 services from Penarth to Cardiff Central shall have a journey time of no more than 16 minutes	53	14	Of which 53 services shall have a journey time of no more than 14 minutes
28	21	28 services from Radyr to Cardiff Central shall have a journey time of no more than 21 minutes	25	18	Of which 25 services shall have a journey time of no more than 18 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 15 December 2021 SK
 Confidentiality: TBC
 Version: Final
 Date: 12/12/2018

Cardiff North Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by WAB services departing from CDF during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								H	I	J	K	L	M	N		
Cardiff Central	CDF							14	36	77	34	10	9	182	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CDF to GWH calling off stations. A minimum of 28 additional services per day.	
Cardiff Bay	CDB					6:42	23:50	2	15	30	15	15	10	87	Services departing CDB to CDQ	
Cardiff Queen St	CDQ	5:36	23:25					14	35	69	34	10	9	179	Excludes services from and departures to CDA. From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CDF to GWH calling off stations. A minimum of 28 additional services per day.	
Heath Low Level	HLL	5:59	23:20					3	6	12	6	2	1	30		
Ty Glas	TGS	5:59	23:20					3	6	12	6	2	1	30		
Beulahgrove	BGG	5:59	23:20					3	6	12	6	2	1	30		
Rhonda	RHI	5:59	23:20					3	6	12	6	2	1	30		
Whitchurch (Cardiff)	WHT	5:59	23:20					3	6	12	6	2	1	30		
Coyton	COY	5:59	23:20					3	6	12	6	2	1	30		
Heath High Level	HHL	5:46	23:15					3	11	24	11	6	3	58	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CDF to GWH calling off stations. A minimum of 28 additional services per day.	
Llansamlet	LIS	5:46	23:15					3	11	24	11	6	3	58	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CDF to GWH calling off stations. A minimum of 28 additional services per day.	
Llansamlet and Thornhill	LVT	5:46	23:15					3	11	24	11	6	3	58	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CDF to GWH calling off stations. A minimum of 28 additional services per day.	
Caerphilly	CPH	5:46	23:15					3	11	24	11	6	3	58	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CDF to GWH calling off stations. A minimum of 28 additional services per day.	
Aber	ABE	6:15	23:15					2	11	24	11	4	2	54		
Beaumaris A.C.R.	BCP	7:17	23:15					0	5	12	6	2	2	20		
Llantrisant	LNB	6:15	23:15					2	11	24	11	4	2	54		
Tremadur	YDM	6:15	23:15					2	11	24	11	4	2	54		
Heolgarth	HYG	6:15	23:35					2	11	24	10	3	1	51		
Paragon	PGM	6:15	23:35					2	11	24	10	3	1	51		
Griffith Furgod	GFF	8:01	23:35					0	3	6	3	1	1	18		
Bagoed	BGD	6:15	23:35					2	11	24	10	3	1	51		
Brochur	BHD	7:31	23:35					0	3	6	3	1	1	18		
Tir y Goll	TIR	7:31	23:35					0	3	6	3	1	1	18		
Rhodyon	RAT	7:31	23:35					0	3	6	3	1	1	18		
Rhymney	RHY	7:31	23:35					0	3	6	3	1	1	18		
Cielys	CYS	5:26	23:25					8	18	33	17	10	5	91		
Llanidloes	LID	5:26	23:25					7	18	33	17	10	5	90		
Radyr	RDR	5:26	23:25					8	19	35	17	10	5	94		
Tyffs Well	TAF	5:26	23:25					8	18	35	17	10	5	93		
Treforest East	TRE	5:26	23:25					4	5	12	5	3	1	30		
Treforest	TRF	5:26	23:25					7	18	35	17	10	5	92		
Porthgofed	PRD	5:26	23:25					7	18	35	17	10	5	92		
Trehafod	TRM	6:36	23:45					1	6	12	6	3	2	30		
Porth	POB	6:36	23:45					1	6	12	6	3	2	30		
Dinas Mîd Glam	DMG	6:36	23:45					1	6	12	6	3	2	30		
Tongwyndy	TWP	6:36	23:45					1	6	12	6	3	2	30		
Llanymon	LLY	6:36	23:45					1	6	12	6	3	2	30		
Ystrad Rhondda	YRH	6:36	23:45					1	6	12	6	3	2	30		
Tonrefail	TRF	6:36	23:45					1	6	12	6	3	2	30		
Treorchy	TRY	6:36	23:45					1	6	12	6	3	2	30		
Ystradgynlais	YGN	6:36	23:45					1	6	12	6	3	2	30		
Trehafod	TRM	6:36	23:45					1	6	12	6	3	2	30		
Abercynon	ACY	5:26	23:40					6	11	22	10	7	2	58		
Penrhosbar	PRB	6:00	23:40					3	6	10	5	4	1	29		
Musman Ash	MIA	6:00	23:40					3	6	10	5	4	1	29		
Ferhill	FIR	6:00	23:40					3	6	10	5	4	1	29		
Camloch	CHL	6:00	23:40					3	6	10	5	4	1	29		
Aberdare	ABA	6:00	23:40					3	6	10	5	4	1	29		
Quakers Yard	QYD	5:26	23:25					4	5	12	5	3	1	30		
Hardy Vale	HVA	5:26	23:25					4	5	12	5	3	1	30		
Treod Y Rhw	TRD	5:26	23:25					4	5	12	5	3	1	30		
Penrhosbar	PRB	5:26	23:25					4	5	12	5	3	1	30		
Merthyr Tydfil	MRT	5:26	23:25					4	5	12	5	3	1	30		

Station	Number of services	Public journey time (mins)	Journey times		
			Number of services	Public journey time (mins)	
P	Q	R	S	T	
Cardiff Central	179	8	176	5	Of which 176 services shall have a journey time of no more than 8 minutes
Cardiff Bay	87				
Cardiff Queen St	179				
Heath Low Level	30	26	29	23	Of which 29 services shall have a journey time of no more than 26 minutes
Heath High Level	58	27	49	21	Of which 49 services shall have a journey time of no more than 27 minutes
Llansamlet	58				
Llansamlet and Thornhill	58				
Caerphilly	58				
Aber	54				
Beaumaris A.C.R.	20				
Llantrisant	54				
Tremadur	54				
Heolgarth	51				
Paragon	51				
Griffith Furgod	18				
Bagoed	51	12	40	48	Of which 40 services shall have a journey time of no more than 48 minutes
Brochur	18				
Tir y Goll	18				
Rhodyon	18	69	16	64	Of which 16 services shall have a journey time of no more than 64 minutes
Rhymney	18				
Cielys	91				
Llanidloes	90				
Radyr	94				
Tyffs Well	93				
Treforest East	30				
Treforest	92				
Porthgofed	92	46	86	32	Of which 86 services shall have a journey time of no more than 32 minutes
Trehafod	30				
Porth	30				
Dinas Mîd Glam	30				
Tongwyndy	30				
Llanymon	30				
Ystrad Rhondda	30				
Tonrefail	30				
Treorchy	30				
Ystradgynlais	30				
Abercynon	58				
Penrhosbar	29				
Musman Ash	29				
Ferhill	29				
Camloch	29				
Aberdare	29	81	27	65	Of which 27 services shall have a journey time of no more than 65 minutes
Quakers Yard	30				
Hardy Vale	30				
Treod Y Rhw	30				
Penrhosbar	30	45	30	65	Of which 30 services shall have a journey time of no more than 65 minutes
Merthyr Tydfil	30				

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 15 December 2021 SK
 Confidentiality: TBC
 Version: Final
 Date: 12/12/2021

Cardiff North Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0300-0459	0700-0959	1000-1159	1400-1859	1900-2159	2200-0159			
Merthyr Tydfil	MER	7:40	23:40					0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPD departing MER 1000-1559	
Penners Bach	PFB	7:40	23:40					0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPD departing MER 1000-1559	
Towst Y Rhwa	TRD	7:40	23:40					0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPD departing MER 1000-1559	
Merthyr Vale	MEV	7:40	23:40					0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPD departing MER 1000-1559	
Quakers Yard	QYD	7:40	23:40					0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPD departing MER 1000-1559	
Aberdare	ABA	7:25	23:01					0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPD departing ABA 2200-0159	
Cwmfach	CFM	7:25	23:01					0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPD departing ABA 2200-0159	
Fenniell	FER	7:25	23:01					0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPD departing ABA 2200-0159	
Mountain Ash	MTA	7:25	23:01					0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPD departing ABA 2200-0159	
Pentwyn	PER	7:25	23:01					0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPD departing ABA 2200-0159	
Abertillery	ACT	7:25	23:01					0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPD departing ABA 2200-0159	
Trehert	TRB	6:50	22:20					1	6	12	6	5	1	31	2 additional calls to be provided by additional services, one departing MER 1000-1559 and one departing ABA 2200-0159	
Ystrad	YNY	6:50	22:20					1	6	12	6	5	1	31		
Tydenry	TKY	6:50	22:20					1	6	12	6	5	1	31		
Ton Pentre	TPN	6:50	22:20					1	6	12	6	5	1	31		
Ystrad Rhondda	YSR	6:50	22:20					1	6	12	6	5	1	31		
Llantrisant	LLT	6:50	22:20					1	6	12	6	5	1	31		
Tonyrefail	TNP	6:50	22:20					1	6	12	6	5	1	31		
Dinas Mawddoch	DMG	6:50	22:20					1	6	12	6	5	1	31		
Porth	POR	6:50	22:20					1	6	12	6	5	1	31		
Trehafod	TRH	6:50	22:20					1	6	12	6	5	1	31		
Rhyl	RHO	6:50	22:20					2	17	35	18	16	4	92	2 additional calls to be provided by additional services, one departing MER 1000-1559 and one departing ABA 2200-0159	
Treforest	TRF	5:50	23:40					2	17	35	18	16	4	92		
Treforest Esplanade	TRE	5:50	23:40					1	5	11	6	5	2	30		
Tafarwa	TAF	5:50	23:40					2	18	35	18	16	4	93		
Ruabon	RDR	5:50	23:40					2	18	35	18	16	5	94		
Llanidloes	LLI	5:50	23:40					2	17	33	18	16	5	91		
Clydach	CYS	5:50	23:40					2	18	33	18	16	5	92		
Rhymney	RHY	7:10	22:34					0	6	6	3	2	1	18		
Rhyl	RHT	7:10	22:34					0	6	6	3	2	1	18		
Tir y Gau	TIR	7:10	22:34					0	6	6	3	2	1	18		
Bridgend	BND	7:10	22:34					0	6	6	3	2	1	18		
Bridgend	BGD	7:10	22:34					0	11	24	11	3	1	51		
Gilfach Fawr	GFF	7:10	22:34					0	6	6	3	3	1	19		
Rhymney	RHM	7:10	22:34					0	12	24	11	3	1	51		
Hengoed	HNG	7:10	22:34					0	12	24	11	3	1	51		
Ffrwd Mynach	YFM	7:10	22:34					0	12	24	11	4	2	53		
Llanidloes	LLD	7:10	22:34					0	12	24	11	3	2	52		
Brenhin A C Rk	BCR	7:10	22:34					0	7	12	6	2	1	28		
Aber	ABE	7:10	22:34					0	12	24	11	3	2	52		
Caeaphly	CPH	6:30	22:45					1	12	24	11	5	3	56	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CPH to CDF calling all stations. A minimum of 28 additional services per day.	
Llanelli and Thornhill	LVT	6:30	22:34					1	12	24	11	5	2	55	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CPH to CDF calling all stations. A minimum of 28 additional services per day.	
Llanelli	LLS	6:30	22:34					1	12	24	11	5	2	55	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CPH to CDF calling all stations. A minimum of 28 additional services per day.	
Heath High Level	HHL	6:30	22:34					1	12	24	11	5	2	55	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CPH to CDF calling all stations. A minimum of 28 additional services per day.	
Coyon	COY	7:05	23:05					0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0300-0459	
Whitchurch (Cardiff)	WHT	7:05	23:05					0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0300-0459	
Rhodes	RHO	7:05	23:05					0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0300-0459	
Bridgwater	BWG	7:05	23:05					0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0300-0459	
Ty Glas	TGS	7:05	23:05					0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0300-0459	
Heath Low Level	HLL	7:05	23:05					0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0300-0459	
Cardiff Queen St	CDQ	5:50	0:05					3	36	69	35	25	10	178	Excludes departures to/arrivals from CDB. Excludes arrivals from CDB. From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CPH to CDF calling all stations. A minimum of 28 additional services per day.	
Cardiff Bay	COB			6:40	23:52			2	15	30	15	15	10	87	Services arriving at COB from CDQ	
Cardiff Central	CCF							3	36	71	35	25	10	180	From May 2022, between 0700 and 1900, 2 additional services per hour shall run from CPH to CDF calling all stations. A minimum of 28 additional services per day.	

Journey times				
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)	
P	Q	R	S	T
29	64	29	63	Of which 26 services shall have a journey time of no more than 64 minutes
28	69	28	64	Of which 28 services shall have a journey time of no more than 64 minutes
31	80	31	65	Of which 24 services shall have a journey time of no more than 65 minutes
92	39	92	34	Of which 87 services shall have a journey time of no more than 34 minutes
18	69	18	64	Of which 15 services shall have a journey time of no more than 64 minutes
51	50	51	46	Of which 45 services shall have a journey time of no more than 46 minutes
56	25	56	21	Of which 49 services shall have a journey time of no more than 21 minutes
29	22	29	22	Of which 28 services shall have a journey time of no more than 22 minutes
178	8	178	5	Of which 173 services shall have a journey time of no more than 5 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1b December 2021 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Borderlands Departures

Station	A	B	C	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							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
								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								
Caergwrle	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	HWB	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					6 Services per day to call							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 1b December 2021 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			8:25	23:49			0	5	12	6	4	1	28	
Upton Merseyside	UPT			8:25	23:49			0	5	12	6	4	1	28	
Heswall	HSW			8:25	23:49			0	5	12	6	4	1	28	
Neston	NES			8:25	23:49			0	5	12	6	4	1	28	
Hawarden Bridge	HWB			8:25	18:40			0	2	0	3	0	0	5	
Shotton	SHT			8:25	23:49			0	5	12	6	4	1	28	
Hawarden	HWD			8:25	23:49			0	3	6	3	2	1	15	
Buckley	BCK			8:25	23:49			0	5	12	6	4	1	28	
Penyffordd	PNF			8:25	23:49			0	3	6	3	2	1	15	
Hope Clwyd	HPE			8:25	23:49			0	3	6	3	2	1	15	
Caergwrle	CGW			8:25	23:49			0	3	6	3	2	1	15	
Cefn Y Bedd	CYB			8:25	23:49			0	3	6	3	2	1	15	
Gwersyllt	GWE			8:25	23:49			0	5	12	6	4	1	28	
Wrexham General	WRX							0	5	12	6	4	1	28	
														0	
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 15 December 2021 SK
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Cardiff East Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0700 - 0859	0700 - 0859	1000 - 1059	1400 - 1859	1900 - 2159	2200 - 0159	Total Day	
Cardiff Central								6	9	21	12	8	3	59	
Pye Corner	PYE			6:35	23:05			1	3	6	3	3	1	17	
Regensmead	RGR			6:35	23:05			1	3	6	3	3	1	17	
Rosa & Pontminster	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	Between 0700 and 2200, 1 additional service per hour shall run from NWP to DR, calling all stations. A maximum of 16 additional services per day
Newbridge	NBE			6:35	23:05			1	3	6	3	3	1	17	
Llanhllwys	LTH			6:35	23:05			1	3	6	3	3	1	17	
Elbow Vale Parkway	EBV			6:35	23:05			1	3	6	3	3	1	17	
Elbow Vale Town	EBT			6:35	23:05			1	3	6	3	3	1	17	
Newport Gwent	NWP			6:35	23:05			5	6	15	9	5	2	42	
Swain Tunnel Junction	STJ			6:12	23:20			1	2	4	3	1	1	12	
Catford	CDT			6:12	23:20			1	2	4	3	1	1	12	
Chapelton	CPW			6:12	23:20			1	2	4	3	1	1	12	
Lidbury	LID			6:12	23:20			1	2	4	3	1	1	12	
Gloucester	GCR			6:12	23:20			1	2	4	3	1	1	12	
Cheltenham Spa	CHN			6:12	21:10			1	2	3	3	1	0	10	
Genoa	GNW			6:35	0:30			4	4	10	6	4	1	29	
Pontypool New Inn	PPL			6:35	0:30			3	2	4	3	3	1	16	
Abergavenny	AGV			6:35	0:30			4	4	10	6	4	1	29	
Hereford	HFD			6:35	0:30			4	4	10	6	4	1	29	
Leominster	LEO			6:35	21:55			4	2	8	3	4	0	21	
Leamington	LEA			6:35	21:55			4	4	10	4	4	0	26	
Green Arns	GRV			6:35	21:55			4	3	6	3	4	0	20	Excludes services via F&W Line
Church Stretton	CTT			6:35	21:55			4	3	6	3	4	0	20	Excludes services via F&W Line
Strewsbury	SHR			6:35	21:55			4	4	10	6	4	0	28	Excludes services via F&W Line

Journey times										
Number of services	Public journey time (mins)		Journey times				Number of services	Public journey time (mins)		
			P	Q	R	S				
17	67	17 services from Cardiff Central to Elbow Vale Town shall have a journey time of no more than 67 minutes				15	64			Of which 15 services shall have a journey time of no more than 64 minutes
42	22	42 services from Cardiff Central to Newport Gwent shall have a journey time of no more than 22 minutes				35	19			Of which 35 services shall have a journey time of no more than 19 minutes
12	84	12 services from Cardiff Central to Gloucester shall have a journey time of no more than 84 minutes				10	75			Of which 10 services shall have a journey time of no more than 75 minutes
10	90	10 services from Cardiff Central to Cheltenham Spa shall have a journey time of no more than 90 minutes				9	88			Of which 9 services shall have a journey time of no more than 88 minutes
29	89	29 services from Cardiff Central to Hereford shall have a journey time of no more than 89 minutes				23	70			Of which 23 services shall have a journey time of no more than 70 minutes
20	138	20 services from Cardiff Central to Strewsbury shall have a journey time of no more than 138 minutes				22	127			Of which 22 services shall have a journey time of no more than 127 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&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
								0700 - 0859	0700 - 0859	1000 - 1059	1400 - 1859	1900 - 2159	2200 - 0159	Total Day	
Strewsbury	SHR			5:38	23:35			2	4	6	3	4	2	21	
Gobowen	GOB			5:38	23:35			2	4	6	3	3	2	20	
Crick	CRK			5:38	23:35			2	4	6	3	3	2	20	
Ruabon	RUA			5:38	23:35			2	4	6	3	3	2	20	
Wrexham General	WRX			5:38	23:35			2	4	6	3	4	2	21	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 TSR
Chester	CTR			5:38	23:35			1	3	6	3	4	2	19	
Strewsbury	SHR			5:31	0:10			2	3	10	6	4	3	28	
Troxen	TRX			5:31	0:10			1	1	3	2	1	3	11	
Wen	WEM			5:31	0:10			2	2	3	3	1	3	14	
Prees	PRE			5:31	0:10			1	1	3	2	1	3	11	
Whitchurch Salop	WYS			5:31	0:10			2	3	6	5	2	3	21	
Wenbury	WRE			5:31	0:10			1	1	3	2	1	3	11	
Nasenhelm	NAN			5:31	0:10			2	3	6	5	2	3	21	
Crewes	CRE			5:31	0:10			2	3	10	6	4	3	28	One additional service to MAN departing CRE 0200-0659 to be provided
Windlow	WML			6:45	22:20			1	2	7	3	2	1	16	One additional service to MAN departing CRE 0200-0659 to be provided
Saugholme	SPT			6:45	22:20			1	2	7	3	2	1	16	One additional service to MAN departing CRE 0200-0659 to be provided
Manchester Piccadilly	MAN			6:45	22:20	8:05	23:50	1	2	7	3	2	1	16	One additional service to MAN departing CRE 0200-0659 to be provided. Excludes services via CTR

Journey times										
Number of services	Public journey time (mins)		Journey times				Number of services	Public journey time (mins)		
			P	Q	R	S				
21	45	21 services from Strewsbury to Wrexham General shall have a journey time of no more than 45 minutes				18	40			Of which 18 services shall have a journey time of no more than 40 minutes
22	73	22 services from Strewsbury to Chester shall have a journey time of no more than 73 minutes				19	62			Of which 19 services shall have a journey time of no more than 62 minutes
28	57	28 services from Strewsbury to Crewes shall have a journey time of no more than 57 minutes				21	53			Of which 21 services shall have a journey time of no more than 53 minutes
17	124	17 services from Strewsbury to Manchester Piccadilly shall have a journey time of no more than 124 minutes				13	85			Of which 13 services shall have a journey time of no more than 85 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 15 December 2021 SK
 Confidentiality: TBC
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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 given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0700-0859	0700-0859	1000-1059	1600-1859	1900-2159	2200-0159	Yr		
								H	I	J	K	L	M	N		
Shrewsbury	SHR							0	6	10	4	4	4	28	Excludes services via HW Line	
Church Stretton	CTT							0	4	4	3	3	4	18	Excludes services via HW Line	
Cross Keys	CKY							0	4	3	3	3	4	17	Excludes services via HW Line	
Ludlow	LUD							0	5	9	4	4	4	26		
Leominster	LEO							0	5	6	3	3	4	21		
Hereford	HFD							1	6	9	4	4	4	28		
Abergenny	AGV							1	5	9	4	4	4	27		
Pontypool New Inn	PLI							1	4	3	3	1	2	14		
Ceintre	CNT							1	5	8	4	4	4	26		
Chatterham Spa	CHM							0	2	4	1	3	1	11		
Gloucester	GCR							0	2	4	2	3	1	12		
Lidsey	LID							0	2	4	2	3	1	12		
Chewton	CPW							0	2	4	2	3	1	12		
Colfinc	COF							0	2	4	2	3	1	12		
Seven Tunnels Junction	STJ							0	2	4	2	3	1	12		
Newport Gwent	NWP							1	8	15	6	7	5	42		
Elbow Vale Town	EBT							0	3	6	3	3	4	19		
Elbow Vale Parkway	EBV							0	3	6	3	3	4	19		
Llanthely	LTH							0	3	6	3	3	4	19		
Newbridge	NBS							0	3	6	3	3	4	19		
Crosskeys	CKY							0	3	6	3	3	4	19		
Ross & Pommesner	RCA							0	3	6	3	3	4	19		
Rogrove	ROR							0	3	6	3	3	4	19		
Pye Corner	PYC							0	3	6	3	3	4	19		
Cardiff Central	CDR							7	11	21	9	10	7	59	Between 0700 and 2200, 1 additional service per hour shall run from EBT to NWP, calling all stations. A minimum of 16 additional services per day	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
28	141	28 services from Shrewsbury to Cardiff Central shall have a journey time of no more than 141 minutes	21	124	Of which 21 services shall have a journey time of no more than 134 minutes
28	82	28 services from Hereford to Cardiff Central shall have a journey time of no more than 82 minutes	22	75	Of which 22 services shall have a journey time of no more than 75 minutes
11	99	11 services from Chatterham Spa to Cardiff Central shall have a journey time of no more than 99 minutes	9	94	Of which 9 services shall have a journey time of no more than 94 minutes
12	86	12 services from Gloucester to Cardiff Central shall have a journey time of no more than 86 minutes	9	78	Of which 9 services shall have a journey time of no more than 78 minutes
42	27	42 services from Newport Gwent to Cardiff Central shall have a journey time of no more than 27 minutes	32	22	Of which 32 services shall have a journey time of no more than 22 minutes
19	70	19 services from Elbow Vale Town to Cardiff Central shall have a journey time of no more than 70 minutes	15	63	Of which 15 services shall have a journey time of no more than 63 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at SHR during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0700-0859	0700-0859	1000-1059	1600-1859	1900-2159	2200-0159	Yr		
								H	I	J	K	L	M	N		
Chewton	CPW							1	3	6	3	2	2	17		
Wrotham General	WRX							1	4	6	3	3	2	19		
Rubon	RUB							1	3	6	3	3	2	18		
Chirk	CHK							1	3	6	3	3	2	18		
Gobowen	GGB							1	3	6	3	3	2	18		
Shrewsbury	SHR							7	4	6	3	3	2	19		
Manchester Piccadilly	MAN							0	3	6	3	2	3	17		
Stockport	SPT							0	3	6	3	2	3	17		
Widnaw	WNL							0	3	6	3	2	3	17		
Crew	CRW							2	5	9	5	2	3	26		
Nannish	NAN							2	3	4	4	2	3	18		
Wrotham	WRX							1	1	3	2	1	3	11		
Whitchurch Salop	WFC							2	2	4	4	2	3	17		
Wem	WEM							1	1	3	2	1	3	11		
Tyton	TYT							2	2	3	4	2	3	16		
Shrewsbury	SHR							1	1	3	2	1	3	11		
Shrewsbury	SHR							2	5	9	5	2	3	26		

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
17	60	17 services from Chester to Shrewsbury shall have a journey time of no more than 60 minutes	13	57	Of which 13 services shall have a journey time of no more than 57 minutes
19	46	19 services from Wrotham General to Shrewsbury shall have a journey time of no more than 46 minutes	16	42	Of which 16 services shall have a journey time of no more than 42 minutes
17	102	17 services from Manchester Piccadilly to Shrewsbury shall have a journey time of no more than 102 minutes	13	84	Of which 13 services shall have a journey time of no more than 84 minutes
26	61	26 services from Crew to Shrewsbury shall have a journey time of no more than 61 minutes	20	53	Of which 20 services shall have a journey time of no more than 53 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1b December 2021 SX

Confidentiality: TBC

Version: Final

Date: 5/23/2018

Swansea West Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from SWA during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
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 22:00-01:59	
Gowerton	GNW			5:45	0:45			2	2	8	7	3	3	25	Excludes services via HoW Line. 1 additional call to be provided FO by a service departing CDF 22:00-01:59	
Llanelli	LLE			5:45	0:45			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 22:00-01:59	
Pembrey & Burry Port	PBY			5:45	0:45			2	2	9	6	3	3	25	1 additional call to be provided by additional service from CDF departing CDF 22:00-01:59.	
Kidwelly	KWL			5:45	0:45			2	2	4	4	2	3	17	1 additional call to be provided by additional service from CDF departing CDF 22:00-01:59.	
Ferryside	FYS			5:45	0:45			2	2	4	4	2	3	17	1 additional call to be provided by additional service from CDF departing CDF 22:00-01:59.	
Carmarthen	CMN			5:45	0:45			2	3	9	6	3	3	26	1 additional call to be provided by additional service from CDF departing CDF 22:00-01:59.	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
29	24	29 services from Swansea to Llanelli shall have a journey time of no more than 24 minutes	25	21	Of which 25 services shall have a journey time of no more than 21 minutes
26	60	26 services from Swansea to Carmarthen shall have a journey time of no more than 60 minutes	22	55	Of which 22 services shall have a journey time of no more than 55 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CMN during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								H	I	J	K	L	M	N		
Carmarthen	CMN							5	4	6	3	5	1	24		
Whitland	WTL			5:50	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			6:40	21:10			2	1	3	1	2	0	9		
Kilgetty	KGT			6:40	21:10			2	1	3	1	2	0	9		
Saundersfoot	SDF			6:40	21:10			2	1	3	1	2	0	9		
Tenby	TEN			6:40	21:10			2	1	3	1	2	0	9		
Penally	PNA			6:40	21:10			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159	
Manorbier	MRB			6:40	21:10			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159	
Lamphey	LAM			6:40	21:10			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159	
Pembroke	PMB			6:40	21:10			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159	
Pembroke Dock	PMD			6:40	21:10			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159	
Clunderwen	CLW			5:50	23:20			3	3	3	3	3	1	16		
Clareston Road	CLR			5:50	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			6:00	23:20			2	2	3	1	2	1	11		
Johnston Dyfed	JOH			6:00	23:20			2	2	3	1	2	1	11		
Milford Haven	MFH			6:00	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	7	89	Of which 7 services shall have a journey time of no more than 89 minutes
11	64	11 services from Carmarthen to Milford Haven shall have a journey time of no more than 64 minutes	9	62	Of which 9 services shall have a journey time of no more than 62 minutes
5	67	5 services from Carmarthen to Fishguard Harbour shall have a journey time of no more than 67 minutes	3	60	Of which 3 services shall have a journey time of no more than 60 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1b December 2021 SX

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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			3:45	0:05			2	5	9	4	4	2	26	3 additional calls to be provided by services departing CMN, one to LLY departing CMN 0200-0659, one to CDF departing CMN 0200-0659, one to CDF departing CMN 1000-1559	
Ferryside	FYS			6:35	0:05			1	5	3	2	2	1	14		
Kidwelly	KWL			6:35	0:05			1	5	3	2	2	1	14		
Pembrey & Burry Port	PBY			6:35	0:05			1	5	9	4	4	1	24	2 additional calls to be provided by services departing CMN, one to LLY departing CMN 0200-0659, one to CDF departing CMN 0200-0659	
Llanelli	LLE			3:45	0:05			2	5	10	5	4	1	27	3 additional calls to be provided by services departing CMN, one to LLY departing CMN 0200-0659, one to CDF departing CMN 0200-0659, one to CDF departing CMN 1000-1559 Excludes services via H&W Line	
Gowerton	GWN			6:35	0:05			1	4	7	4	4	1	21	Excludes services via H&W Line	
Swansea	SWA							2	5	10	5	4	2	28	Excludes services via H&W Line	

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
26	59	26 services from Carmarthen to Swansea shall have a journey time of no more than 59 minutes	21	53
28	27	28 services from Llanelli to Swansea shall have a journey time of no more than 27 minutes	19	24

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	23:07			0	1	2	1	1	1	6	1 additional call to be provided by an additional service from FGH arriving CLR 0700-0959	
Fishguard & Goodwick	FGW			8:45	23:07			0	1	2	1	1	1	6	1 additional call to be provided by an additional service from FGH arriving CLR 0700-0959	
Milford 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	3	3	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	3	2	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	
Standersfoot	SDF			8:15	23:43			0	1	3	2	1	2	9		
Kilgenny	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		
Whiland	WTL			6:48	1:15			1	3	8	5	4	5	26		
Carmarthen	CMN							1	3	8	5	4	5	26		

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
6	60	6 services from Fishguard Harbour to Carmarthen shall have a journey time of no more than 60 minutes	5	59
11	59	11 services from Milford Haven to Carmarthen shall have a journey time of no more than 59 minutes	10	58
8	96	8 services from Pembroke Dock to Carmarthen shall have a journey time of no more than 96 minutes	6	87

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1b December 2021 SX
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 Version: Final
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Heart of Wales Arrivals

Station	A	B	C	Early arrival at SHR from Stn no later than	Late arrival at SHR from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving in SHR during given timeband unless otherwise stated							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			
Swansea				10:16	22:50								4	Includes services via HoW Line only		
Gowerton	GWN			10:16	22:50								4	Includes services via HoW Line only		
Llanelli	LLE			10:16	22:50								4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659		
Bynea	BYE			10:16	22:50								4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659		
Llangennech	LLH			10:16	22:50								4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659		
Pontarddulais	PTD			10:16	22:50								4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659		
Pantffynnon	PTF			10:16	22:50								4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659		
Ammanford	AMF			10:16	22:50								4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659		
Llandybie	LLI			10:16	22:50								4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659		
Ffairfach	FFA			10:16	22:50								4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659		
Llandilo	LLL			10:16	22:50								4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659		
Llangadog	LLG			10:16	22:50								4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659		
Llanwrda	LNR			10:16	22:50								4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659		
Llandovery	LLV			10:16	22:50								4	Includes services via HoW Line only / additional call to be provided by a service departing LLE 0200-0659		
Cynghorby	CYN			10:16	22:50								4			
SugarLoaf	SUG			10:16	22:50								4			
Llanwryd	LNW			10:16	22:50								4			
Llangamarch	LLM			10:16	22:50								4			
Garth Powys	GTH			10:16	22:50								4			
Cilmeri	CIM			10:16	22:50								4			
Builth Road	BHR			10:16	22:50								4			
Llandrindod	LLD			8:00	22:50								5			
Pen Y Bont	PNY			8:00	22:50								5			
Dolau	DOL			8:00	22:50								5			
Llanbister Road	LLT			8:00	22:50								5			
Llangnillio	LGO			8:00	22:50								5			
Knaucklas	KNJ			8:00	22:50								5			
Knighton	KNI			8:00	22:50								5			
Bucknell	BUK			8:00	22:50								5			
Hopton Heath	HPT			8:00	22:50								5			
Broome	BME			8:00	22:50								5			
Craven Arms	CRV			8:00	22:50								5	Includes services via HoW Line only		
Church Stretton	CTT			8:00	22:50								5	Includes services via HoW Line only		
Shrewsbury	SHR												5	Includes services via HoW Line only		

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	
4	274	4 services from Swansea to Shrewsbury shall have a journey time of no more than 274 minutes	3	269	Of which 3 services shall have a journey time of no more than 269 minutes
5	66	5 services from Llanelli to Llandovery shall have a journey time of no more than 66 minutes	4	65	Of which 4 services shall have a journey time of no more than 65 minutes
5	103	5 services from Llandrindod to Shrewsbury shall have a journey time of no more than 103 minutes	4	99	Of which 4 services shall have a journey time of no more than 99 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 15 December 2021 SK
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Cardiff Line Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at BHM during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1059	1800-1859	1900-2159	2200-0159	Total	
Shrewsbury	SHR							1	3	6	3	2	2	17	1 additional call provided by service from SHR departing SHR 2200-0159
Wolverhampton	WLN							1	3	6	3	2	2	17	1 additional call provided by service from SHR departing SHR 2200-0159
Queensway	QON							0	0	0	0	0	0	0	1 additional call provided by service from SHR departing SHR 2200-0159
Telford Central	TFC							1	3	6	3	2	2	17	1 additional call provided by service from SHR departing SHR 2200-0159
Dhul	DFN							0	0	0	0	0	0	0	1 additional call provided by service from SHR departing SHR 2200-0159
Coed	COS							0	0	0	0	0	0	0	1 additional call provided by service from SHR departing SHR 2200-0159
Albionton	AAB							0	0	0	0	0	0	0	1 additional call provided by service from SHR departing SHR 2200-0159
Coed	COL							0	0	0	0	0	0	0	1 additional call provided by service from SHR departing SHR 2200-0159
Albionton	AAB							0	0	0	0	0	0	0	1 additional call provided by service from SHR departing SHR 2200-0159
Crewe	CRE							1	3	6	3	2	2	17	1 additional call provided by service from SHR departing SHR 2200-0159
Salford	SFA							1	0	0	0	0	0	1	1 additional call provided by service from SHR departing SHR 2200-0159
Wolverhampton	WLN							3	3	6	3	2	2	18	1 additional call provided by service from SHR departing SHR 2200-0159
Seaham & Duffley	SAD							0	0	0	0	0	0	0	1 additional call provided by service from SHR departing SHR 2200-0159
Seaham & Duffley	SAD							0	0	0	0	0	0	0	1 additional call provided by service from SHR departing SHR 2200-0159
Birmingham New St	BHM							2	3	6	3	2	2	18	
Birmingham International	BHI							1	3	6	3	2	2	15	This row based on departure times from BHM

Journey times					
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)	Number of services	Public journey time (mins)
P	Q	R	S	T	U
17	72	17 services from Shrewsbury to Birmingham New St shall have a journey time of no more than 72 minutes	15	62	Of which 15 services shall have a journey time of no more than 62 minutes
18	35	18 services from Wolverhampton to Birmingham New St shall have a journey time of no more than 35 minutes	15	24	Of which 15 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 SHR during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1059	1800-1859	1900-2159	2200-0159	Total	
Machynlleth	MCN							0	3	5	1	3	0	12	
Ceires	CWS							0	3	5	1	3	0	12	
Newtown Powys	NWT							0	3	5	1	3	0	12	
Welshpool	WSP							0	3	5	1	3	0	12	
Shrewsbury	SHR							0	3	5	1	3	0	12	

Journey times					
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)	Number of services	Public journey time (mins)
P	Q	R	S	T	U
12	78	12 services from Machynlleth to Shrewsbury shall have a journey time of no more than 78 minutes	9	76	Of which 9 services shall have a journey time of no more than 76 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at MCN during given timeband							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0459	0700-0959	1000-1059	1800-1859	1900-2159	2200-0159	Total	
Pwllheli	PWL	dep						0	3	3	1	1	1	8	
Abererch	ABH							0	3	3	1	1	1	8	
Rosychion	BRC							0	3	3	1	1	1	8	
Cricieth	CCC							0	3	3	1	1	1	8	
Portmadog	PTH							0	3	3	1	1	1	8	
Machynlleth	MCN							0	3	3	1	1	1	8	
Penrhynddarwen	PRH							0	3	3	1	1	1	8	
Llanidloes	LLC							0	3	3	1	1	1	8	
Taliesin	TAL							0	3	3	1	1	1	8	
Tywyn	TYG							0	3	3	1	1	1	8	
Hellwch	HLL							0	3	3	1	1	1	8	
Llanidloes	LLN							0	3	3	1	1	1	8	
Penryn	PRS							0	3	3	1	1	1	8	
Llanidloes	LLN							0	3	3	1	1	1	8	
Dyffryn Ardudwy	DYA							0	3	3	1	1	1	8	
Talybont	TLB							0	3	3	1	1	1	8	
Llanidloes	LLN							0	3	3	1	1	1	8	
Burnmouth	BRM							0	3	3	1	1	1	9	
Porto Mawddach	MFA							0	3	3	1	1	1	9	
Penrhynddarwen	PRH							0	3	3	1	1	1	9	
Llanidloes	LLN							0	3	3	1	1	1	9	
Taliesin	TAL							0	3	3	1	1	1	9	
Tywyn	TYW							0	3	3	1	1	1	9	
Abererch	ABH							0	3	3	1	1	1	9	
Penrhynddarwen	PRH							0	3	3	1	1	1	9	
Abererch	ABH							0	3	3	1	1	1	9	
Bow Street	BOW							1	3	4	2	3	3	16	Services should call at Bow Street from March 2020
Bow	BOW							1	3	4	2	3	3	16	
Dovey Junction	DVT							1	6	7	3	4	4	25	
Machynlleth	MCN	arr						1	6	7	3	4	4	25	

Journey times					
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)	Number of services	Public journey time (mins)
P	Q	R	S	T	U
8	155	8 services from 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
16	41	16 services from Abererch to Machynlleth shall have a journey time of no more than 41 minutes	12	37	Of which 12 services shall have a journey time of no more than 37 minutes

End

Wales and Borders Rail and South Wales Metro
 Weekdays TSR 15 December 2021 SX
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North Wales Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by WAB services										Notes on additional requirements for number of calls at Station and direct links to other stations
								departing MAN or LVJ during given timeband unless otherwise stated										
Early departure from MAN to Sin no later than		Late departure from MAN to Sin no earlier than		Early departure from LVJ to Sin no later than		Late departure from LVJ to Sin no earlier than		0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day				
H		I		J		K		L	M	N	O	P	Q	R				
Manchester Airport	MSA							1	0	6	0	2	0	9	Based on arrival times at MAN. Early arrival no later than 05:42. Late arrival no earlier than 20:20.			
Manchester Piccadilly	MAN							2	3	6	4	3	3	21				
Manchester Oxford Road	MCO	5:50	23:14					2	3	6	4	3	2	20				
Newton La Willew	NWV	5:50	23:14					2	3	6	4	3	2	20				
Eurkstown	ERL	5:50	23:14					2	3	6	4	3	2	20				
Warrington Bank Quay	WBQ	5:50	23:14					2	3	6	4	3	2	20				
Runcorn East	REU	5:50	23:14					2	3	6	4	3	2	20				
Liverpool Lime Street	LVJ							1	3	6	4	3	1	17				
Liverpool South Parkway	LSP			6:45	22:15			1	3	6	4	3	1	17				
Ramsgate	RGN			6:45	22:15			1	3	6	4	3	1	17				
Frithon	FRD	5:46	23:14					3	6	12	7	6	3	37				
Haby	HAB	5:46	23:14					3	6	12	7	6	3	37				
Chester	CTR	5:46	03:25	6:45	22:15			3	6	12	7	6	4	38				

Journey times										
Number of services	Public journey time (mins)	R						Number of services	Public journey time (mins)	U
		P	Q	S	T					
20	39	16 services from Manchester Piccadilly to Warrington Bank Quay shall have a journey time of no more than 20 minutes.						16	38	16 services from Chester to Frithon shall have a journey time of no more than 38 minutes.
17	64	17 services from Liverpool Lime Street to Chester shall have a journey time of no more than 64 minutes.						13	59	13 services from Liverpool Lime Street to Chester shall have a journey time of no more than 59 minutes.
21	77	21 services from Manchester Piccadilly to Chester shall have a journey time of no more than 77 minutes.						17	68	17 services from Chester to Frithon shall have a journey time of no more than 68 minutes.

Station	A	B	C	D	E	F	G	Minimum number of calls at station by WAB services										Notes on additional requirements for number of calls at Station and direct links to other stations
								departing CTR during given timeband unless otherwise stated										
Early departure from CTR to Sin no later than		Late departure from CTR to Sin no earlier than		Early arrival at CTR from Sin no later than		Late arrival at CTR from Sin no earlier than		0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day				
H		I		J		K		L	M	N	O	P	Q	R				
Services between CRE and CTR specified below based on arrival times at CTR																		
Crews	CRE					7:25	03:55			0	4	7	3	4	23	Based on arrival times at CTR		
Services below based on departure time from CTR																		
Chester	CTR	dep								1	7	12	4	2	33			
Shotton	SHT	7:26	22:55							0	5	6	4	2	19			
Rice	RIZ	6:55	04:00							1	6	11	5	3	29			
Preesom	PRE	6:55	04:00							1	6	12	6	3	30			
Rhyl	RHL	6:55	04:00							1	6	12	6	3	31			
Knockin & Preesom	KPS	7:26	22:55							0	4	7	3	2	18			
Colwyn Bay	CWB	6:55	04:00							1	6	11	6	3	30			
Llandudno Junction	LJJ	6:55	04:00							1	7	12	6	3	32	Conwy Valley services from BPF excluded. See table below for LJJ to LLD departures.		
Degwy	DGF	6:55	19:30							1	2	5	3	1	12	Through services from CTR only		
Llandella	LLD	6:55	19:30							1	2	5	3	1	12	Through services from CTR only		
Conwy	CNW	7:26	22:55							0	2	3	3	1	11			
Blaencrombie	BRC	7:26	22:55							0	2	3	3	1	11			
Llanfyllter	LFL	7:26	22:55							0	2	3	3	1	11			
Bangor Gwynedd	BNG	7:26	04:00							0	4	6	4	2	19			
Llandudno	LND	7:26	22:04							0	1	4	2	1	9			
Rosbegan	ROB	7:26	22:04							0	1	4	2	1	9			
Ty Croes	TYC	7:26	22:04							0	1	4	2	1	9			
Rhosogwr	RHO	7:26	22:04							0	1	4	2	1	9			
Ynys	YNL	7:26	22:04							0	1	4	2	1	9			
Nefydd	NFD	7:26	04:00							0	4	6	4	2	19			

Journey times										
Number of services	Public journey time (mins)	R						Number of services	Public journey time (mins)	U
		P	Q	S	T					
23	34	23 services from Chester to Crews shall have a journey time of no more than 34 minutes.						22	30	22 services from Chester to Frithon shall have a journey time of no more than 30 minutes.
32	60	32 services from Chester to Llandudno Junction shall have a journey time of no more than 60 minutes.						24	58	24 services from Chester to Llandudno Junction shall have a journey time of no more than 58 minutes.
12	73	12 services from Chester to Llandudno shall have a journey time of no more than 73 minutes.						10	71	10 services from Chester to Llandudno shall have a journey time of no more than 71 minutes.
19	84	19 services from Chester to Bangor Gwynedd shall have a journey time of no more than 84 minutes.						17	81	17 services from Chester to Bangor Gwynedd shall have a journey time of no more than 81 minutes.
19	122	19 services from Chester to Nefydd shall have a journey time of no more than 122 minutes.						15	116	15 services from Chester to Nefydd shall have a journey time of no more than 116 minutes.

Station	A	B	C	D	E	F	G	Minimum number of calls at station by WAB services from BPF to LJJ and LJJ to LLD during given timeband										Notes on additional requirements for number of calls at Station and direct links to other stations
								departing from LJJ										
Early arrival at LJJ from Sin no later than		Late arrival at LJJ from Sin no earlier than		Early departure from LJJ to Sin no later than		Late departure from LJJ to Sin no earlier than		0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	Total Day				
H		I		J		K		L	M	N	O	P	Q	R				
Blaencrombie	BRC									0	2	2	1	1	0	6		
Colwyn Bay	CWB	7:22	21:20							0	2	2	1	1	0	6		
Conwy	CNW	7:22	21:20							0	2	2	1	1	0	6		
Frithon	FRD	7:22	21:20							0	2	2	1	1	0	6		
Knockin & Preesom	KPS	7:22	21:20							0	2	2	1	1	0	6		
Llanfyllter	LFL	7:22	21:20							0	2	2	1	1	0	6		
Rosbegan	ROB	7:22	21:20							0	2	2	1	1	0	6		
Ty Croes	TYC	7:22	21:20							0	2	2	1	1	0	6		
Rhosogwr	RHO	7:22	21:20							0	2	2	1	1	0	6		
Ynys	YNL	7:22	21:20							0	2	2	1	1	0	6		
Nefydd	NFD	7:22	21:20							0	2	2	1	1	0	6		
Llandudno Junction	LJJ	dep								0	2	2	1	1	0	6		
Llandudno Junction	LJJ	dep				6:00	21:52			3	5	9	6	4	0	27	All LJJ to LLD services	
Degwy	DGF					6:00	21:52			3	5	9	6	4	0	27	All LJJ to LLD services	
Llandudno	LLD					6:00	21:52			3	5	9	6	4	0	27	All LJJ to LLD services	

Journey times										
Number of services	Public journey time (mins)	R						Number of services	Public journey time (mins)	U
		P	Q	S	T					
6	63	6 services from Blaencrombie to Llandudno Junction shall have a journey time of no more than 63 minutes.						6	63	6 services from Blaencrombie to Llandudno Junction shall have a journey time of no more than 63 minutes.
27	17	27 services from Llandudno Junction to Llandudno shall have a journey time of no more than 17 minutes.						26	16	26 services from Llandudno Junction to Llandudno shall have a journey time of no more than 16 minutes.

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 15 December 2021 SK
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

North Wales Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at MAN or 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
								0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	H		
Chester	CTR	4:44	0:35			6:55	22:15	3	7	12	6	7	3	38		
Holyby	HSB	6:41	0:35			6:55	22:15	2	7	12	6	7	3	37		
Frodoham	FRD	6:41	0:35			6:55	22:15	2	7	12	6	7	3	37		
Runcom	RUN					6:55	22:15	1	3	6	3	3	1	17		
Liverpool South Parkway	LSP					6:55	22:15	1	3	6	3	3	1	17		
Liverpool Lime Street	LIV							1	3	6	3	3	1	17		
Runcom East	RUE	6:41	0:35					1	4	6	3	4	2	20		
Warrington Bank Quay	WBQ	6:41	0:35					1	4	6	3	4	2	20		
Bekestone	BEK	6:41	0:35					1	4	6	3	4	2	20		
Newton La Willows	NLW	6:41	0:35					1	4	6	3	4	2	20		
Manchester Oxford Road	MCO	6:41	22:55					1	4	6	3	4	1	19		
Manchester Piccadilly	MAN							2	4	6	3	4	2	21		
Manchester Airport	MSA							1	1	5	0	2	0	9	Based on departure times from MAN. Early departure no later than 04:43. Late departure no earlier than 19:55.	

Journey times					
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)		
P	Q	R	S	T	
21	76	21 services from Chester to Manchester Piccadilly shall have a journey time of no more than 76 minutes	16	68	Of which 16 services shall have a journey time of no more than 68 minutes
17	40	17 services from Chester to Liverpool Lime Street shall have a journey time of no more than 40 minutes	15	37	Of which 15 services shall have a journey time of no more than 37 minutes
20	45	20 services from Warrington Bank Quay to Manchester Piccadilly shall have a journey time of no more than 45 minutes	17	40	Of which 17 services shall have a journey time of no more than 40 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CTR during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	H		
Holyhead	HHD	6:13	22:20					1	4	7	3	3	1	19		
Valley	VAL	6:13	21:14					1	3	5	1	3	0	13		
Blaenau	BND	8:14	21:14					0	2	4	1	3	0	10		
Ty Croft	TYC	8:14	21:14					0	2	4	1	3	0	10		
Bobdriog	BDR	8:14	21:14					0	2	4	1	3	0	10		
Llanfyllter	LFG	6:13	21:14					1	3	5	1	3	0	13		
Bangor Gwynedd	BNG	6:13	22:20					1	4	7	3	3	1	19		
Llanfyllter Junction	LJF	7:08	22:20					0	2	4	2	3	1	12		
Rhosoprenew	RPO	7:08	22:20					0	2	4	2	3	1	12		
Conwy	CHW	7:08	22:20					0	2	4	2	3	1	12		
Llandudno	LLD	7:55	22:55					0	3	4	3	3	2	15	Through services towards CTR only	
Degwy	DGY	7:55	22:55					0	3	4	3	3	2	15	Through services towards CTR only	
Llandudno Junction	LLJ	5:35	22:55					3	8	12	7	7	2	39	Conwy valley services to BFF excluded. See table below for all LLD-LLJ services.	
Colwyn Bay	CWB	5:35	22:55					3	8	12	6	6	2	37		
Aberystwyth & Pwllheli	AGP	5:35	22:55					1	4	6	3	3	2	19		
Aberystwyth	ABY	5:35	22:55					3	8	12	6	6	2	37		
Prestatyn	PRT	5:35	22:55					3	6	12	6	6	2	35		
Ries	RIN	5:35	22:55					3	7	12	6	6	2	36		
Shannon	SHT	5:35	22:55					2	4	6	3	3	2	20		
Chester	CTR	err						3	8	12	7	7	2	39		
Services between CTR and CRJ specified below based on departure times from CTR																
Crews	CRE			4:22	23:00			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	125	19 services from Holyhead to Chester shall have a journey time of no more than 125 minutes	15	116	Of which 15 services shall have a journey time of no more than 116 minutes
19	86	19 services from Bangor Gwynedd to Chester shall have a journey time of no more than 86 minutes	16	80	Of which 16 services shall have a journey time of no more than 80 minutes
15	78	14 services from Llandudno to Chester shall have a journey time of no more than 78 minutes	13	73	Of which 13 services shall have a journey time of no more than 73 minutes
39	63	39 services from Llandudno Junction to Chester shall have a journey time of no more than 63 minutes	35	60	Of which 35 services shall have a journey time of no more than 60 minutes
24	31	24 services from Crews to Chester shall have a journey time of no more than 31 minutes	24	31	Of which 24 services shall have a journey time of no more than 31 minutes

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services from LLD to LLJ and LLJ to BFF arriving at departing from LLJ during given timeband							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	H		
Llandudno	LLD	6:04	21:54					2	5	9	5	6	0	27	All LLD to LLJ services	
Degwy	DGY	6:04	21:54					2	5	9	5	6	0	27	All LLD to LLJ services	
Llandudno Junction	LLJ	err						2	5	9	5	6	0	27	All LLD to LLJ services	
Llandudno Junction	LLJ	dep						1	1	2	1	1	0	6		
Glan Conwy	GCW	7:26	19:20					0	1	2	1	1	0	5		
Faer Tŷ Coch	FTC	5:30	19:20					1	1	2	1	1	0	6		
Dolgerrog	DGL	7:26	19:20					0	1	2	1	1	0	5		
North Llanerch	NLR	7:26	19:20					0	1	2	1	1	0	5		
Llanerch	LWR	5:30	19:20					1	1	2	1	1	0	6		
Beves Y Coed	BYC	5:30	19:20					1	1	2	1	1	0	6		
Pon Y Ffôn	PYP	7:26	19:20					0	1	2	1	1	0	5		
Dolwyddelan	DWD	7:26	19:20					0	1	2	1	1	0	5		
Roman Bridge	RMB	7:26	19:20					0	1	2	1	1	0	5		
Blaenau Ffestiog	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	
27	15	27 services from Llandudno to Llandudno Junction shall have a journey time of no more than 15 minutes	23	13	Of which 23 services shall have a journey time of no more than 13 minutes
4	45	4 services from Llandudno Junction to Blaenau Ffestiog shall have a journey time of no more than 45 minutes	5	44	Of which 5 services shall have a journey time of no more than 44 minutes

End