

Train Service Requirements

Wales & Borders Rail Service and South Wales Metro Weekdays TSR 1a - December 2019 SX

Confidentiality	TBC
Version	Final
Date	5/23/2018

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Train Service Requirement tables - Guidance notes

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

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

- Weekdays
- Saturdays
- Sundays

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

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

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
- Borderlands, between Wrexham and Bidston.

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

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

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

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

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

The key stations used are:

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

Compliance and Flexibility

Services are allocated to a time band based on the exact time to the nearest full minute using "Public Times" that the service arrives or departs the key station as specified in each individual table. Services may be deemed compliant if within the specified time band or within 10 minutes earlier or later than the specified time band, although use of such 'flex' should be minimised. The total quantum of services allocated to each time band must remain compliant with that stated in the TSR tables. Where services are mandated to call at "intervals no greater than x", service intervals of up to "x + 10 minutes" will be deemed compliant, although the use of the flex should be minimised.

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

Bank Holidays

On Bank Holidays a weekday service shall operate on all routes

On Christmas Day there is no requirement to run a service

On Boxing Day there is no requirement to run a service

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

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

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

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

Birmingham - North Wales

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

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

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

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

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

North Wales - Birmingham

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

Birmingham - Aberystwyth

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

Aberystwyth - Birmingham

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

Aberystwyth - Shrewsbury

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

Shrewsbury - Aberystwyth

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

North Wales- Manchester

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

Manchester - North Wales

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

North Wales - Cardiff

Scheduled departures on Monday - Friday between 08:00 and 18:00 to be covered Llandudno Junction to Newport. Holyhead to Llandudno Junction not required unless connecting from a ferry in Summer

*One service arriving at Cardiff between 0930 and 0959 and one service arriving at Cardiff between 2000 and 2159 shall include the availability of hot meals.***Cardiff - North Wales**

Scheduled departures on Monday - Friday between 08:00 and 18:00 to be covered Newport - Llandudno Junction. Llandudno Junction to Holyhead not required unless connecting with a ferry in Summer

*One service departing Cardiff between 0600 and 0759 and one service departing Cardiff between 1700 and 1759 shall include the availability of hot meals***Cardiff - Manchester**

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

Manchester- Cardiff

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

Carmarthen - Swansea

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

Swansea - Carmarthen

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

Cardiff - Swansea

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

Swansea - Cardiff

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

Milford Haven - Carmarthen

3 services per day to be covered Mondays to Friday

Carmarthen - Milford Haven

3 services per day to be covered Mondays to Friday

Carmarthen - Fishguard Harbour

1 service per day to be covered Mondays to Friday

Fishguard Harbour - Carmarthen

1 service per day to be covered Mondays to Friday

Heart of Wales

1 service in each direction between Swansea and Llandrindod Wells and 1 service in each direction between Swansea and Llanwyrdd 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 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)
Gillfach Fargod (until station is closed as part of CVL transformation)
Glan Conwy
Hawarden Bridge
Hopton Heath
Johnston
Kidwelly
Kilgetty
Lamphey
Llanaber
Llanbedr
Llanbister Road
Llandanwg
Llandecwyn
Llanfairfechan
Llanfairpwll
Llangammarch
Llangennech
Llangynllo
Llwyngwril
Morfa Mawddach
Narberth
North Llanwrst
Penally
Penhelg
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	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							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	Excludes services via RIA
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	U
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			6:45	23:39			1	4	9	5	2	3	24	
Pyle	PYL			6:45	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			6:45	23:39			1	8	21	10	5	5	50	Excludes services via RIA
Pencoed	PCD			6:45	23:10			1	4	6	3	3	2	19	
Llanharan	LLR			6:45	23:10			1	3	6	3	3	2	18	
Pontyclun	PYC			6:45	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

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Cardiff South Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159			
								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		
Rhoose Cardiff International Airfield	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	U
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

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Cardiff South Arrivals

Station	A	B	C	Early arrival at CDF from Stn no later than	Late arrival at CDF from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations	
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159				
								H	I	J	K	L	M	N			
Bridgend	BGN			6:40	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 FRIA				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
Dainescourt	DCT			7:20	22:20			0	6	12	6	3	1	28			
Fainwater	FRW			7:20	22:20			0	6	12	6	3	1	28			
Waukgon 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 2200-0159 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

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Confidentiality: FBC

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Date: 5/23/2018

Cardiff North Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0800-0859	0900-0959	1000-1059	1100-1159	1200-1259	1300-1359	1400-1459	
Cardiff Central	CDF							14	36	71	34	18	9	182	
Cardiff Bay	CDB					6:42	23:50	2	15	30	15	15	10	87	Services departing CDB to CDQ
Cardiff Queen St	CDQ			5:26	23:25			14	35	69	34	18	9	179	Excludes arrivals from and departures to CDB
Heath Low Level	HLL			5:59	22:20			3	6	12	6	2	1	30	
Ty Glas	TGS			5:59	22:20			3	6	12	6	2	1	30	
Birchgrove	BCG			5:59	22:20			3	6	12	6	2	1	30	
Rhodes	RHI			5:59	22:20			3	6	12	6	2	1	30	
Whitchurch (Cardiff)	WHT			5:59	22:20			3	6	12	6	2	1	30	
Coryton	COY			5:59	22:20			3	6	12	6	2	1	30	
Heath High Level	HHL			5:46	23:15			3	11	24	11	6	3	58	
Llanishan	LLS			5:46	23:15			3	11	24	11	6	3	58	
Lisvane and Thornhill	LVT			5:46	23:15			3	11	24	11	6	3	58	
Caerphilly	CPH			5:46	23:15			3	11	24	11	6	3	58	
Aber	ABE			6:15	23:15			2	11	24	11	4	2	54	
Energlyn & C.Fk.	ECP			7:17	23:15			0	5	12	8	3	2	30	
Llanbradach	LNB			6:15	23:15			2	11	24	11	4	2	54	
Ystrad Mynach	YSM			6:15	23:15			2	11	24	11	4	2	54	
Hingwood	HNG			6:15	22:35			2	11	24	10	3	1	51	
Purgam	PGM			6:15	22:35			2	11	24	10	3	1	51	
Gilfach Fawcett	GFF			8:01	22:35			0	2	6	6	3	1	18	
Bargod	BGD			6:15	22:35			2	11	24	10	3	1	51	
Bridar	BHD			7:31	22:35			0	3	6	5	3	1	18	
Tir gall	TIR			7:31	22:35			0	3	6	5	3	1	18	
Pwllstwyth	PLT			7:31	22:35			0	3	6	5	3	1	18	
Rhymney	RHY			7:31	22:35			0	3	6	5	3	1	18	
Cathays	CYS			5:26	23:25			8	18	33	17	10	5	91	
Llandaf	LLN			5:26	23:25			7	18	33	17	10	5	90	
RdR	RDR			5:26	23:25			8	19	35	17	10	5	94	Excludes stopping services on City Line via FRW
Taff Well	TAF			5:26	23:25			8	18	35	17	10	5	93	
Treforest Estate	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	
Portypridd	PPD			5:26	23:25			7	18	35	17	10	5	92	
Trehafod	TRH			6:36	22:45			1	6	12	6	3	2	30	
Porth	POR			6:36	22:45			1	6	12	6	3	2	30	
Dinas Mîd Glam	DMG			6:36	22:45			1	6	12	6	3	2	30	
Tŷp	TYP			6:36	22:45			1	6	12	6	3	2	30	
Llanystyd	LLY			6:36	22:45			1	6	12	6	3	2	30	
Ystrad Rhondda	YSR			6:36	22:45			1	6	12	6	3	2	30	
Ton Penre	TPN			6:36	22:45			1	6	12	6	3	2	30	
Treherby	TRT			6:36	22:45			1	6	12	6	3	2	30	
Ynys	YNW			6:36	22:45			1	6	12	6	3	2	30	
Treherbert	TRB			6:36	22:45			1	6	12	6	3	2	30	
Abercynon	ACY			5:26	22:40			6	11	22	10	7	2	58	
Rhinefaldar	RFR			6:00	22:40			3	6	10	5	4	1	29	
Mounian Ash	MTA			6:00	22:40			3	6	10	5	4	1	29	
Ferhill	FER			6:00	22:40			3	6	10	5	4	1	29	
Cumbach	CPH			6:00	22:40			3	6	10	5	4	1	29	
Aberdare	ABA			6:00	22:40			3	6	10	5	4	1	29	
Quakers Yard	QYD			5:26	22:25			4	5	12	5	3	1	30	
Merthyr Vale	MEV			5:26	22:25			4	5	12	5	3	1	30	
Troed Y Rhw	TRD			5:26	22:25			4	5	12	5	3	1	30	
Penrhos	PTB			5:26	22:25			4	5	12	5	3	1	30	
Merthyr Tydfil	MER			5:26	22:25			4	5	12	5	3	1	30	

End

Number of services	Public journey time (mins)	Journey times	Number of services	Public journey time (mins)	
					P
179	8	179 services from Cardiff Central to Cardiff Queen St shall have a journey time of no more than 8 minutes	176	5	Of which 176 services shall have a journey time of no more than 5 minutes
30	26	30 services from Cardiff Central to Coryton shall have a journey time of no more than 26 minutes	29	23	Of which 29 services shall have a journey time of no more than 23 minutes
58	27	58 services from Cardiff Central to Caerphilly shall have a journey time of no more than 27 minutes	49	21	Of which 49 services shall have a journey time of no more than 21 minutes
51	52	51 services from Cardiff Central to Bargod shall have a journey time of no more than 52 minutes	40	48	Of which 40 services shall have a journey time of no more than 48 minutes
18	69	18 services from Cardiff Central to Rhymney shall have a journey time of no more than 69 minutes	16	64	Of which 16 services shall have a journey time of no more than 64 minutes
92	46	92 services from Cardiff Central to Portypridd shall have a journey time of no more than 46 minutes	86	32	Of which 86 services shall have a journey time of no more than 32 minutes
30	82	30 services from Cardiff Central to Treherbert shall have a journey time of no more than 82 minutes	27	67	Of which 27 services shall have a journey time of no more than 67 minutes
29	81	29 services from Cardiff Central to Aberdare shall have a journey time of no more than 81 minutes	27	65	Of which 27 services shall have a journey time of no more than 65 minutes
30	65	30 services from Cardiff Central to Merthyr Tydfil shall have a journey time of no more than 65 minutes	30	65	Of which 30 services shall have a journey time of no more than 65 minutes

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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		
								0200-0600	0700-0900	1000-1100	1400-1800	1900-2200	2200-0100								
								H	I	J	K	L	M	N							
Notes on additional requirements for number of calls at Station and direct links to other stations																					
O																					
Merthyr Tydfil	MRK	740	2340			0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPO departing MER 1000-1559								
Pennar Bach	PFB	740	2340			0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPO departing MER 1000-1559								
Tonni T Y Bwthol	TBY	740	2340			0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPO departing MER 1000-1559								
Merthyr Vale	MEV	740	2340			0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPO departing MER 1000-1559								
Quakers Yard	QYD	740	2340			0	5	11	6	5	2	29	1 additional call to be provided by an additional service from MER to PPO departing MER 1000-1559								
Abertawe	ABA	725	2300			0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPO departing ABA 2200-0159(Late arrival) within the 10 minute flying allowance								
Combach	CMH	725	2300			0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPO departing ABA 2200-0159(Late arrival) within the 10 minute flying allowance								
Fenniell	FBL	725	2300			0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPO departing ABA 2200-0159(Late arrival) within the 10 minute flying allowance								
Maeslan Afan	MFA	725	2300			0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPO departing ABA 2200-0159(Late arrival) within the 10 minute flying allowance								
Pennar Bach	PBA	725	2300			0	6	10	6	5	1	28	1 additional call to be provided by an additional service from ABA to PPO departing ABA 2200-0159(Late arrival) within the 10 minute flying allowance								
Abertawe	ABT	725	2340			0	11	22	12	11	3	59	2 additional calls to be provided by additional services, one departing MER 1000-1559 and one departing ABA 2200-0159(Late arrival) within the 10 minute flying allowance								
Trehafert	TRB	650	2220			1	6	12	6	5	1	31									
Thynewydd	THW	650	2220			1	6	12	6	5	1	31									
Ton Pentre	TPN	650	2220			1	6	12	6	5	1	31									
Tonni T Y Bwthol	TBY	650	2220			1	6	12	6	5	1	31									
Llanerch	LLY	650	2220			1	6	12	6	5	1	31									
Tonni T Y Bwthol	TBY	650	2220			1	6	12	6	5	1	31									
Quakers Yard	QYD	650	2220			1	6	12	6	5	1	31									
Parth	PAR	650	2220			1	6	12	6	5	1	31									
Trehafert	TRB	650	2220			1	6	12	6	5	1	31									
Pontypridd	PYP	550	2340			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								
Trehafert	TRB	550	2340			2	17	35	18	16	4	92									
Trehafert	TRB	550	2340			1	5	11	6	5	2	30									
Taf Wael	TAF	550	2340			2	18	35	18	16	4	93									
Rady	RAD	550	2340			2	18	35	18	16	5	94									
Llanill	LLN	550	2340			2	17	33	18	16	5	91									
Cathays	CYS	550	2340			2	18	33	18	16	5	92									
Excludes stopping services on Day Line via Rhinoceros																					
Rhymney	RHY	710	2234			0	6	6	3	2	1	18									
Porthkerry	PKT	710	2234			0	6	6	3	2	1	18									
Porthkerry	PKT	710	2234			0	6	6	3	2	1	18									
Bethel	BHD	710	2234			0	6	6	3	2	1	18									
Begod	BGD	710	2234			0	12	24	11	3	1	51									
Gilfach Fawg	GFF	710	2234			0	6	6	3	3	1	19									
Pleym	PPL	710	2234			0	12	24	11	3	1	51									
Hengoed	HNG	710	2234			0	12	24	11	3	1	51									
Tonni T Y Bwthol	TBY	710	2234			0	12	24	11	4	2	53									
Llantrisant	LNB	710	2234			0	12	24	11	3	2	52									
Llantrisant & C Rk	ECP	710	2234			0	7	12	6	2	1	28									
Abertawe	ABT	710	2234			0	12	24	11	3	2	52									
Cardiff	CDI	630	2245			1	12	24	11	5	3	56									
Llantrisant & Thornhill	LVT	630	2234			1	12	24	11	5	2	55									
Llantrisant	LLS	630	2234			1	12	24	11	5	2	55									
Health High Level	HHL	630	2234			1	12	24	11	5	2	55									
Corston	COY	705	2305			0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0200-0639								
Woolwich (Quarry)	WQT	705	2305			0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0200-0639								
Rhewlun	RHL	705	2305			0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0200-0639								
Berthwyn	BWG	705	2305			0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0200-0639								
Ty Glas	TGS	705	2305			0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0200-0639								
Health Low Level	HLL	705	2305			0	6	12	6	4	1	29	1 additional call to be provided by an additional service from COY to CDQ arriving CDQ 0200-0639								
Cardiff Queen St	CDQ	550	005			3	36	69	35	25	10	178	Excludes departures to/through from CDQ/Excludes arrivals from CDQ								
Cardiff Bay	COB			640	2352	2	15	30	15	15	10	87	Services arriving at COB from CDQ								
Cardiff Central	CCF					3	36	71	37	25	10	182									

Journey times										
Number of services	Public Journey time (mins)						Number of services	Public Journey time (mins)		
		P	Q	R	S	T			U	V
29	64	29 services from Merthyr Tydfil to Cardiff Central shall have a journey time of no more than 64 minutes					26	62	Of which 26 services shall have a journey time of no more than 62 minutes	
28	69	28 services from Abertawe to Cardiff Central shall have a journey time of no more than 69 minutes					24	64	Of which 24 services shall have a journey time of no more than 64 minutes	
21	80	21 services from Trehafert to Cardiff Central shall have a journey time of no more than 80 minutes					24	65	Of which 24 services shall have a journey time of no more than 65 minutes	
92	39	92 services from Pontypridd to Cardiff Central shall have a journey time of no more than 39 minutes					87	34	Of which 87 services shall have a journey time of no more than 34 minutes	
18	69	18 services from Rhymney to Cardiff Central shall have a journey time of no more than 69 minutes					15	64	Of which 15 services shall have a journey time of no more than 64 minutes	
51	50	51 services from Begod to Cardiff Central shall have a journey time of no more than 50 minutes					45	46	Of which 45 services shall have a journey time of no more than 46 minutes	
16	25	16 services from Corston to Cardiff Central shall have a journey time of no more than 25 minutes					49	21	Of which 49 services shall have a journey time of no more than 21 minutes	
29	23	29 services from Corston to Cardiff Central shall have a journey time of no more than 23 minutes					28	22	Of which 28 services shall have a journey time of no more than 22 minutes	
178	8	178 services from Cardiff Queen St to Cardiff Central shall have a journey time of no more than 8 minutes					173	5	Of which 173 services shall have a journey time of no more than 5 minutes	

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Borderlands Departures

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services departing from WRX during given timeband unless otherwise stated							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		
Wrexham Central	WXC					7:35	21:55	0	3	6	2	1	1	13	This row is based on arrival times at WRX	
Wrexham General	WRX							1	3	6	2	1	1	14		
Gwersyllt	GWE	6:35	21:55					1	3	6	2	1	1	14		
Cefn Y Bedd	CYB	6:35	21:55					1	3	6	2	1	1	14		
Caergwrle	CGW	6:35	21:55					1	3	6	2	1	1	14		
Hope Clwyd	HPE	6:35	21:55					1	3	6	2	1	1	14		
Penyffordd	PNF	6:35	21:55					1	3	6	2	1	1	14		
Buckley	BCK	6:35	21:55					1	3	6	2	1	1	14		
Hawarden	HWD	6:35	21:55					1	3	6	2	1	1	14		
Shotton	SHT	6:35	21:55					1	3	6	2	1	1	14		
Hawarden Bridge	HWB	6:35	16:30					3 Services per day to call					3			
Neston	NES	6:35	21:55					1	3	6	2	1	1	14		
Heswall	HSW	6:35	21:55					1	3	6	2	1	1	14		
Upton Merseyside	UPT	6:35	21:55					1	3	6	2	1	1	14		
Bidston	BID	6:35	21:55					1	3	6	2	1	1	14		

Journey times				
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)
P	Q	R	S	T
14	58	14 services from Wrexham General to Bidston shall have a journey time of no more than 58 minutes	11	57
				Of which 11 services shall have a journey time of no more than 57 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1a - December 2019 SX
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Borderlands Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at WRX during given timeband unless stated otherwise							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Bidston	BID			8:25	23:49			0	2	6	3	2	1	14	
Upton Merseyside	UPT			8:25	23:49			0	2	6	3	2	1	14	
Heswall	HSW			8:25	23:49			0	2	6	3	2	1	14	
Neston	NES			8:25	23:49			0	2	6	3	2	1	14	
Hawarden Bridge	HWB			8:25	18:40			0	2	0	2	0	0	4	
Shotton	SHT			8:25	23:49			0	2	6	3	2	1	14	
Hawarden	HWD			8:25	23:49			0	2	6	3	2	1	14	
Buckley	BCK			8:25	23:49			0	2	6	3	2	1	14	
Penyffordd	PNF			8:25	23:49			0	2	6	3	2	1	14	
Hope Clwyd	HPE			8:25	23:49			0	2	6	3	2	1	14	
Caergwle	CGW			8:25	23:49			0	2	6	3	2	1	14	
Cefn Y Bedd	CYB			8:25	23:49			0	2	6	3	2	1	14	
Gwersyllt	GWE			8:25	23:49			0	2	6	3	2	1	14	
Wrexham General	WRX							0	2	6	3	2	1	14	
Wrexham Central	WXC					7:20	21:48	0	3	6	3	2	0	14	This row based on WRX departures

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	U
14	56	14 services from Bidston to Wrexham General shall have a journey time of no more than 56 minutes	13	55	Of which 13 services shall have a journey time of no more than 55 minutes

End

Wales and Borders Rail and South Wales Metro
 Weekdays TSR 14 - December 2019 SX
 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							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0300-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	0100		
Cardiff Central	CFD							6	5	21	12	6	3	39		
Pre Corner	PTE							1	3	6	3	3	1	17		
Rogers	RGR							1	3	6	3	3	1	17		
Rice & Parnham	RCA							1	3	6	3	3	1	17		
Crosskeys	CKY							1	3	6	3	3	1	17		
Newbridge	NNE							1	3	6	3	3	1	17		
Llanidloes	LID							1	3	6	3	3	1	17		
Elbow Vale Parkway	EBV							1	3	6	3	3	1	17		
Elbow Vale Town	EBB							1	3	6	3	3	1	17		
Newport Dewi	NWP							5	6	15	9	5	2	42		
Severn Tunnel Junction	STJ							1	3	4	3	1	1	12		
Caerleon	CDP							1	3	4	3	1	1	12		
Chipping	CPW							1	3	4	3	1	1	12		
Llanidloes	LID							1	3	4	3	1	1	12		
Glaucocast	SCR							1	3	4	3	1	1	12		
Cherbury Spa	CHM							1	3	3	3	1	0	10		
Cardiff	CWM							4	4	10	6	4	1	29		
Parry's New Inn	PNL							3	3	4	3	3	1	18		
Aberystwyth	AGV							4	4	10	6	4	1	29		
Neerke	NKO							4	4	10	6	4	1	29		
Levenshulme	LEO							4	3	8	3	4	0	21		
Ludlow	LUD							4	4	10	6	4	0	26		
Crew Arms	CRW							4	3	6	3	4	0	20		
Church Stretton	CTT							4	3	6	3	4	0	20		
Shrewbury	SHR							4	4	10	6	4	0	28		

Journey times									
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)						
P	Q	R	S	T	U				
42	22								
17	67	17 services from Cardiff Central to Elbow Vale Town shall have a journey time of no more than 67 minutes	15	64	15 of which 13 services shall have a journey time of no more than 64 minutes				
42	22	42 services from Cardiff Central to Newport Dewi shall have a journey time of no more than 22 minutes	25	19	25 of which 23 services shall have a journey time of no more than 19 minutes				
12	84	12 services from Cardiff Central to Glaucocast shall have a journey time of no more than 84 minutes	10	75	10 of which 9 services shall have a journey time of no more than 75 minutes				
10	90	10 services from Cardiff Central to Cherbury Spa shall have a journey time of no more than 90 minutes	9	88	9 of which 8 services shall have a journey time of no more than 88 minutes				
29	89	29 services from Cardiff Central to Neerke shall have a journey time of no more than 89 minutes	23	70	23 of which 21 services shall have a journey time of no more than 70 minutes				
28	138	28 services from Cardiff Central to Shrewbury shall have a journey time of no more than 138 minutes	23	127	23 of which 21 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							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations
								0300-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	0100		
Shrewbury	SHR							2	4	6	3	4	2	21		
Gobowen	GOW							2	4	6	3	3	2	20		
Chirk	CHK							2	4	6	3	3	2	20		
Ruabon	RUA							2	4	6	3	3	2	20		
Wrexham General	WKG							2	4	6	3	4	2	21		
Chester	CTR							1	3	6	3	4	2	19		
Shrewbury	SHR							2	3	10	6	4	3	28		
Vaux	VTE							1	3	3	2	1	3	11		
Wan	WPH							2	3	3	3	1	3	14		
Princes	PRN							1	3	3	2	1	3	11		
Whitbush Salop	WTC							2	3	6	5	2	3	21		
Wynbury	WNI							1	3	3	2	1	3	11		
Manwath	MAN							2	3	6	5	2	3	21		
Crew	CRW							2	3	10	6	4	3	28		
Wynlow	WNL							1	3	7	3	2	1	16		
Soldport	SPT							1	3	7	3	2	1	16		
Manchester Piccadilly	MAN							1	3	7	3	2	1	16		

Journey times									
Number of services	Public journey time (mins)	Number of services	Public journey time (mins)						
P	Q	R	S	T	U				
21	43	21 services from Shrewbury to Wrexham General shall have a journey time of no more than 43 minutes	18	40	18 of which 16 services shall have a journey time of no more than 40 minutes				
22	71	22 services from Shrewbury to Chester shall have a journey time of no more than 71 minutes	19	62	19 of which 18 services shall have a journey time of no more than 62 minutes				
28	57	28 services from Shrewbury to Crew shall have a journey time of no more than 57 minutes	21	53	21 of which 20 services shall have a journey time of no more than 53 minutes				
17	124	17 services from Shrewbury to Manchester Piccadilly shall have a journey time of no more than 124 minutes	13	85	13 of which 12 services shall have a journey time of no more than 85 minutes				

End

Wales and Borders Rail and South Wales Metro

Weekdays TSS 1s - December 2019 SK
 Confidentiality: TBC
 Version: Final
 Date: 5/13/2018

Cardiff East Arrivals

Station	A	B	C	D	E	F	G	Minimum number of calls at station by W&B services arriving at CDF during given timeband unless otherwise stated							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0659	0700-0959	1000-1359	1400-1859	1900-2159	2200-0159	Total Day	
								H	I	J	K	L	M	N	
Shrewsbury	SHR			7:50	1:20			0	6	10	4	4	4	28	Excludes services via H&W Line
Church Stretton	CTT			7:50	1:20			0	4	4	3	3	4	18	Excludes services via H&W Line
Craven Arms	CAV			7:50	1:20			0	4	3	3	3	4	17	Excludes services via H&W Line
Ludlow	LUD			7:50	1:20			0	5	9	4	4	4	26	
Leominster	LEO			7:50	1:20			0	5	6	3	3	4	21	
Hereford	HFD			6:45	1:20			1	6	9	4	4	4	28	
Abingdon	ABG			6:45	1:20			1	5	9	4	4	4	27	
Pontefract New Inn	PNL			6:45	0:20			1	4	3	3	1	2	14	
Cambran	CWM			6:45	1:20			1	5	8	4	4	4	26	
Chatterton Spa	CHM			7:01	0:40			0	2	4	1	3	1	11	
Gloucester	GCR			7:01	0:40			0	2	4	2	3	1	12	
Lydney	LXD			7:01	0:40			0	2	4	2	3	1	12	
Chaynes	CPW			7:01	0:40			0	2	4	2	3	1	12	
Cardifoc	CDT			7:01	0:40			0	2	4	2	3	1	12	
Seven Tunnels Junction	STJ			7:01	0:40			0	2	4	2	3	1	12	
Newport Gwent	NWP			6:45	1:20			1	8	15	6	7	5	41	
Ebbw Vale Town	EBB			7:32	23:35			0	3	6	3	3	2	17	
Ebbw Vale Parkway	EBP			7:32	23:35			0	3	6	3	3	2	17	
Llanfiheli	LTH			7:32	23:35			0	3	6	3	3	2	17	
Newbridge	NBE			7:32	23:35			0	3	6	3	3	2	17	
Crosskeys	CKY			7:32	23:35			0	3	6	3	3	2	17	
Risca & Pontnewmton	RCA			7:32	23:35			0	3	6	3	3	2	17	
Rogresstone	RGR			7:32	23:35			0	3	6	3	3	2	17	
Pye Corner	PYC			7:32	23:35			0	3	6	3	3	2	17	
Cardiff Central	CDF			6:45	1:20			1	11	21	9	10	7	59	

Journey times					
Number of services	Public journey time (mins)		Number of services	Public journey time (mins)	
P	Q	R	S	T	
28	74	28 services from Shrewsbury to Cardiff Central shall have a journey time of no more than 141 minutes	21	134	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 Chatterton Spa to Cardiff Central shall have a journey time of no more than 109 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
17	65	17 services from Ebbw Vale Town to Cardiff Central shall have a journey time of no more than 65 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							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200-0659	0700-0959	1000-1359	1400-1859	1900-2159	2200-0159	Total Day	
								H	I	J	K	L	M	N	
Chester	CTR			6:31	23:25			1	3	6	3	2	2	17	
Wrexham General	WRX			6:31	23:25			1	4	6	3	3	2	19	
Ruabon	RUA			6:31	23:25			1	3	6	3	3	2	18	
Chirk	CRK			6:31	23:25			1	3	6	3	3	2	18	
Gabwern	GGB			6:31	23:25			1	3	6	3	3	2	18	
Shrewsbury	SHR							1	4	6	3	3	2	19	
Manchester Piccadilly	MAN			7:43	0:05			0	3	6	3	2	3	17	
Scotport	SPT			7:43	0:05			0	3	6	3	2	3	17	
Widnes	WRN			7:43	0:05			0	3	6	3	2	3	17	
Crewe	CRE			5:30	0:05			2	5	9	5	2	3	26	
Nantwich	NAN			5:30	0:05			2	3	4	4	2	3	18	
Warrington	WRG			6:46	0:05			1	1	3	2	1	3	11	
Widnes North	WNC			5:30	0:05			2	2	4	4	2	3	17	
Princes	PRS			6:46	0:05			1	1	3	2	1	3	11	
Wigan	WGM			5:30	0:05			2	2	3	4	2	3	16	
Yorke	YAT			6:46	0:05			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	
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 Wrexham General to Shrewsbury shall have a journey time of no more than 46 minutes	16	45	Of which 16 services shall have a journey time of no more than 45 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 Crewe 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 1a - December 2019 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							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							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
Gowerston	GVN			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 22.00.0159
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 22.00.0159.
Pembrey & Barry 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 22.00.0159.
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 22.00.0159.
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 22.00.0159.
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 22.00.0159.

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							Notes on additional requirements for number of calls at Station and direct links to other stations
								0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159	Total Day	
								H	I	J	K	L	M	N	
Carmarthen	CMN							5	4	6	3	5	1	24	
Whitland	WTL			5:30	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			6:00	21:10			2	1	3	1	2	0	9	
Kilgety	KGT			6:00	21:10			2	1	3	1	2	0	9	
Saundersfoot	SDF			6:00	21:10			2	1	3	1	2	0	9	
Tenby	TEN			6:00	21:10			2	1	3	1	2	0	9	
Penally	PNA			6:00	21:10			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159
Manorbier	MRB			6:00	21:10			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159
Lamphey	LAM			6:00	21:10			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159
Pembroke	PMB			6:00	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			6:00	21:10			2	1	3	1	1	0	8	1 additional call to be provided by a service departing TEN 1900-2159
Clunderwen	CUW			5:30	23:20			3	3	3	3	3	1	16	
Clarbeston Road	CLR			5:30	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			5:30	23:20			2	2	3	1	2	1	11	
Johnston Dyfed	JOH			5:30	23:20			2	2	3	1	2	1	11	
Milford Haven	MFH			5:30	23:20			2	2	3	1	2	1	11	
Fishguard & Goodwick	FGW			5:30	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			5:30	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 1a - December 2019 SX

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

Swansea West Arrivals

Station	A	B	C	Early arrival at SWA from Stn no later than	Late arrival at SWA from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at SWA during given timeband							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 HoW Line	
Gowerton	GWN			6:35	0:05			1	4	7	4	4	1	21	Excludes services via HoW Line	
Swansea	SWA							2	5	10	5	4	2	28		

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	21	53	Of which 21 services shall have a journey time of no more than 53 minutes
28	27	28 services from Llanelli to Swansea shall have a journey time of no more than 27 minutes	19	24	Of which 19 services shall have a journey time of no more than 24 minutes

Station	A	B	C	Early arrival at CMN from Stn no later than	Late arrival at CMN from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving at CMN during given timeband unless otherwise stated							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	
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	3	3	3	16	1 additional call to be provided by an additional service from FGH arriving CLR 0700-0959	
Clunderwen	CLUW			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	
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	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	U
6	60	6 services from Fishguard Harbour to Carmarthen shall have a journey time of no more than 60 minutes	5	59	Of which 5 services shall have a journey time of no more than 59 minutes
11	59	11 services from Millford Haven to Carmarthen shall have a journey time of no more than 59 minutes	10	58	Of which 10 services shall have a journey time of no more than 58 minutes
8	96	8 services from Pembroke Dock to Carmarthen shall have a journey time of no more than 96 minutes	6	87	Of which 6 services shall have a journey time of no more than 87 minutes

End

Wales and Borders Rail and South Wales Metro

Weekdays TSR 1a - December 2019 SX
 Confidentiality: TBC
 Version: Final
 Date: 5/23/2018

Heart of Wales Arrivals

Station	Early arrival at SHR from Stn no later than	Late arrival at SHR from Stn no earlier than	Column unused	Column unused	Minimum number of calls at station by W&B services arriving in SHR during given timeband unless otherwise stated							Total Day	Notes on additional requirements for number of calls at Station and direct links to other stations			
					0200 - 0659	0700 - 0959	1000 - 1559	1600 - 1859	1900 - 2159	2200 - 0159						
					A	B	C	D	E	F	G			H	I	J
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	1 additional call to be provided by a service departing LLE 0200-0659. Includes services via HoW
Bynea	BYE	10:16	22:50												4	1 additional call to be provided by a service departing LLE 0200-0659
Llangennech	LLH	10:16	22:50												4	1 additional call to be provided by a service departing LLE 0200-0659
Pontarddulais	PTD	10:16	22:50												4	1 additional call to be provided by a service departing LLE 0200-0659
Pantffynnon	PTF	10:16	22:50												4	1 additional call to be provided by a service departing LLE 0200-0659
Ammanford	AMF	10:16	22:50												4	1 additional call to be provided by a service departing LLE 0200-0659
Llanfyllide	LLF	10:16	22:50												4	1 additional call to be provided by a service departing LLE 0200-0659
Ffairfach	FFA	10:16	22:50												4	1 additional call to be provided by a service departing LLE 0200-0659
Llandello	LLL	10:16	22:50												4	1 additional call to be provided by a service departing LLE 0200-0659
Llangadog	LLG	10:16	22:50												4	1 additional call to be provided by a service departing LLE 0200-0659
Llanwrda	LNR	10:16	22:50												4	1 additional call to be provided by a service departing LLE 0200-0659
Llandoverly	LLV	10:16	22:50												4	1 additional call to be provided by a service departing LLE 0200-0659
Cyngorhdy	CYN	10:16	22:50												4	
Sugarloaf	SUG	10:16	22:50												4	
Llanwrtyd	LNW	10:16	22:50												4	
Llanymarch	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	LLO	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	
Llangynllo	LGO	8:00	22:50												5	
Knucklas	KNL	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	U
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 Llandoverly 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
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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 LV during given timeband unless otherwise stated												Notes on additional requirements for number of calls at Station and direct links to other stations
								0300-0659	0700-0959	1000-1059	1100-1159	1200-1259	1300-1359	1400-1459	1500-1559	1600-1659	1700-1759	1800-1859	1900-1959	
Manchester Airport	MAN							1	0	6	0	2	0	0	9		Based on arrival times at MAN. Early arrival no later than 05:42. Late arrival no earlier than 20:50.			
Manchester Piccadilly	MAN							2	2	6	4	2	2	20						
Manchester Oxford Road	MCO			5:50	23:14			2	3	6	4	3	2	20						
Newton Le Willows	NLW			5:50	23:14			2	3	6	4	3	2	20						
Penrhyon	PHL			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	RE			5:50	23:14			2	3	6	4	3	2	20						
Liverpool Lime Street	LIV					6:45	22:15	1	3	6	3	3	1	17						
Liverpool South Parkway	LSP					6:45	22:15	1	3	6	3	3	1	17						
Runcorn	RUN					6:45	22:15	1	3	6	3	3	1	17						
Frodsham	FRO			5:46	23:14	6:45	22:15	1	6	12	7	6	3	37						
Holyhead	HOL			5:46	23:14	6:45	22:15	1	6	12	7	6	3	37						
Chester	CTR			5:46	0:32	6:45	22:15	1	6	12	7	6	4	38						

Journey times									
Number of services	Public journey time (min)		Number of services	Public journey time (min)					
P	Q	R	S	T	U				
20	39	20 services from Manchester Piccadilly to Warrington Bank Quay shall have a journey time of no more than 39 minutes	16	38	Of which 16 services 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	Of which 13 services shall have a journey time of no more than 59 minutes				
21	71	21 services from Manchester Piccadilly to Chester shall have a journey time of no more than 71 minutes	17	68	Of which 17 services 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 W&B services departing CTR during given timeband unless otherwise stated												Notes on additional requirements for number of calls at Station and direct links to other stations
								0300-0659	0700-0959	1000-1059	1100-1159	1200-1259	1300-1359	1400-1459	1500-1559	1600-1659	1700-1759	1800-1859	1900-1959	
Services between CHE and CTR specified below based on arrival times at CTR																	Based on arrival times at CTR			
Crews	CHE					7:25	0:35	0	4	7	3	4	5	23						
Services below based on departure times from CTR																				
Chester	CTR	chr						1	7	12	6	3	3	32						
Droghda	DRO							0	5	8	4	2	2	19						
Fine	FIN							1	6	11	5	3	3	29						
Presston	PRT							1	6	12	6	2	3	30						
Rhyl	RHL							1	6	12	6	3	3	31						
Aberystwyth	ABY							0	4	7	3	2	2	18						
Colwyn Bay	CWB							1	6	11	6	3	3	30						
Llandudno Junction	LJL							1	7	12	6	3	3	32			Conwy Valley services from BPF excluded. See 10B below for LJL to LLD departures.			
Degwy	DGY							1	2	5	3	1	0	12			Through services from CTR only.			
Llandudno	LLD							1	2	5	3	1	0	12			Through services from CTR only.			
Conwy	CNW							0	2	3	3	1	2	11						
Pennantreawr	PRW							0	2	3	3	1	2	11						
Llandudno	LIF							0	2	3	3	1	2	11						
Bangor Gwynedd	BNG							0	4	6	4	2	3	19						
Llanfairfechan	LFG							0	1	4	2	1	1	9						
Bodorgan	BOD							0	1	4	2	1	1	9						
Ty Croes	TIC							0	1	4	2	1	1	9						
Wynant	WYN							0	1	4	2	1	1	9						
Valley	VAL							0	1	4	2	1	1	9						
Holyhead	HHD							0	4	6	4	2	3	19						

Journey times									
Number of services	Public journey time (min)		Number of services	Public journey time (min)					
P	Q	R	S	T	U				
23	34	23 services from Chester to Crews shall have a journey time of no more than 34 minutes	22	30	Of which 22 services shall have a journey time of no more than 30 minutes				
21	60	21 services from Chester to Llandudno Junction shall have a journey time of no more than 60 minutes	24	56	Of which 24 services shall have a journey time of no more than 56 minutes				
12	73	12 services from Chester to Llandudno shall have a journey time of no more than 73 minutes	10	71	Of which 10 services 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	Of which 17 services shall have a journey time of no more than 81 minutes				
19	122	19 services from Chester to Holyhead shall have a journey time of no more than 122 minutes	15	116	Of which 15 services 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 W&B services from BPF to LJL and LLD during given timeband												Notes on additional requirements for number of calls at Station and direct links to other stations
								0300-0659	0700-0959	1000-1059	1100-1159	1200-1259	1300-1359	1400-1459	1500-1559	1600-1659	1700-1759	1800-1859	1900-1959	
Banau Ffestiog	BFF							0	2	2	1	1	0	6						
Rhona Bridge	RHB							0	2	2	1	1	0	6						
Dolwyddelan	DWD							0	2	2	1	1	0	6						
Plon Y Parc	PPY							0	2	2	1	1	0	6						
Bone Y Castell	BPC							0	2	2	1	1	0	6						
Llanwrst	LWR							0	2	2	1	1	0	6						
Nant Iwan	NIR							0	2	2	1	1	0	6						
Doggering	DUG							0	2	2	1	1	0	6						
Tal Y Calf	TLC							0	2	2	1	1	0	6						
Sike Gwyn	SGW							0	2	2	1	1	0	6						
Llandudno Junction	LJL	chr						0	2	2	1	1	0	6						
Llandudno Junction	LJL	chr				6:00	21:32	3	5	9	6	4	0	27			All LJL to LLD services			
Degwy	DGY					6:00	21:32	3	5	9	6	4	0	27			All LJL to LLD services			
Llandudno	LLD					6:00	21:32	3	5	9	6	4	0	27			All LJL to LLD services			

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

End

