

# UK Public Transport Information Profile

## Service Codes and Enhanced Partnerships in TxC-PTI

v1.0 29 March 2023

v1.1 26 September 2023, expand allowed registration reference prefixes

Local Transport Authorities (LTAs) can, or can be required, to take on the local bus service registration function from the traffic commissioner as part of an Enhanced Partnership (EP) under powers in the Bus Services Act 2017. For more information on the application of these powers see The Bus Services Act 2017 and the Department for Transport publication “Guidance on the Registration of local bus services in an Enhanced Partnership Area”.

LTA and operators where the registration function is being carried out by an LTA need to understand the impact on the Bus Open Data Service (BODS) requirements to supply timetable data.

Within BODS the ServiceCode element in the TxC-PTI profile uniquely identifies the service and the way that this element is created needs to be done differently when the LTA is providing the registration function to ensure uniqueness of the data.

This application note, on how to create ServiceCode in the TxC-PTI should be read in conjunction with the ‘TransXChange UK PTI Profile v1.1.A’ document for the wider context and use of TransXChange (TxC).

This advice amends the contents of Section 5.3.2.1 of the ‘TransXChange UK PTI Profile v1.1.A’ document.

Two new sections have been added:

5.3.2.1.1 OTC Registered Services

5.3.2.1.2 Enhanced Partnership Registered Services

The content of 5.3.2.1.1 OTC Registered Services is the same as section 5.2.2.1 in the profile v1.1.A document and is created to differentiate between OTC and Enhanced Partnership registered services.

The content of 5.3.2.1.2 Enhanced Partnership Registered Services described how authority registered ServiceCodes are created.

### 5.3.2.1 Registered services

The **ServiceCode** element uniquely identifies the service.

#### 5.3.2.1.1 OTC Registered Services

For registered services within TXC-PTI this shall be the registration reference as given when the service is registered with OTC. This takes the form of the “O-licence” number, a forward slash, and a sequential number; for example, PF0000459/134 is the registration reference for Stagecoach service 3 in Bedford. Using the registration reference for the **ServiceCode** in this way facilitates traceability and permits other operations such as completeness checks to be carried out.

While a forward slash is not a reserved character in XML, to avoid confusion and to aid readability the **ServiceCode** in TXC-PTI shall replace the forward slash in the registration reference with a colon.

```
<Service>
  <ServiceCode>PF0000459:134</ServiceCode>
  ...
</Service>
```

Additional examples for ServiceCode:

PF0007157/12 is the registration reference for Kinchbus service 11 and 12 in Leicestershire the service code would be:

```
<Service>
  <ServiceCode>PF0007157:12</ServiceCode>
  ...
</Service>
```

PC2021320/8 is the registration reference for Go North West service 92 and 93 in Manchester, the ServiceCode would be:

```
<Service>
  <ServiceCode>PC2021320:8</ServiceCode>
  ...
</Service>
```

#### 5.3.2.1.2 Enhanced Partnership Registered Services

For registered services within TXC-PTI the **ServiceCode** shall be the registration reference as given when the service is registered with a transport authority under an Enhanced Partnership scheme where registration powers have been devolved.

In this situation the OTC will continue to issue operators with a licence used in the first part of the BODS **ServiceCode** for example PF0002280.

The second part is the incrementing registration reference number associated with a registration document.

In a devolved Enhanced Partnership it will be necessary that the registration authority is identified to ensure uniqueness of the registration reference number and this will be through the use of the three digit ATCOCode for the registration authority followed by a five digit registration reference to create an eight digit unique registration reference.

The registration reference number will be prefixed with **an integer between 1 and 9 (number one to nine)** and padded as necessary with 0's (zero) to form a five-digit number. This will therefore always produce an eight-digit numeric reference. The registration reference

should never commence with a 0 (zero) to avoid any potential misinterpretation of 00023 to be 23

While a forward slash is not a reserved character in XML, to avoid confusion and to aid readability the **ServiceCode** in TXC-PTI shall replace the forward slash in the registration reference with a colon.

For example Hertfordshire are a devolved registration authority, its ATCO Code is 210.

The Centrebus Ltd registration for the service 10 Stevenage Bus Station Circular via Bedwell operating under licence PF0002280 has an OTC registration reference 259. If this registration becomes administered by Hertfordshire it would become PF0002280/21010259

```
<Service>
  <ServiceCode>PF0002280:21010259</ServiceCode>
  ...
</Service>
```

The next registration reference number for Hertfordshire would be 21010260, 21010261, 21010262 etc.

If the registration with reference 259 were transferred to Essex County Council which has an ATCO Code 150 this would then become PF0002280/15010259.

There is no obligation on a registration authority to use the active registration reference used by OTC, it can choose its own numeric system as long as it meets the requirements detailed above. The registration authority must ensure that all registration references are unique.

The TXC-PTI does not require the variation number of the registration to be provided as TXC-PTI has its own version control processes which are required to be followed as changes to TXC-PTI data may occur where a variation to the formal registration is not required.

Where an Enhanced Partnership covers more than one transport authority it is the ATCO Code of the authority that has the registration powers devolved to it that must be used.

The current list of ATCO Codes for authorities is provided as Appendix A.

## Appendix A

### ATCO Codes

ATCO Code	Admin Area Name
639	Aberdeen
630	Aberdeenshire
649	Angus
607	Argyll & Bute
018	Bath & North East Somerset
020	Bedford
258	Blackburn with Darwen
259	Blackpool
532	Blaenau Gwent
129	Bournemouth
038	Bracknell Forest
551	Bridgend
149	Brighton and Hove
010	Bristol
040	Buckinghamshire
554	Caerphilly
050	Cambridgeshire
571	Cardiff
522	Carmarthenshire
021	Central Bedfordshire
523	Ceredigion
060	Cheshire East
061	Cheshire West & Chester
668	Clackmannanshire
513	Conwy
080	Cornwall
090	Cumbria
076	Darlington
511	Denbighshire
109	Derby
100	Derbyshire
110	Devon
120	Dorset
680	Dumfries & Galloway
640	Dundee

130	Durham
618	East Ayrshire
611	East Dunbartonshire
627	East Lothian
612	East Renfrewshire
220	East Riding of Yorkshire
140	East Sussex
620	Edinburgh
150	Essex
111	Exeter
669	Falkirk
650	Fife
512	Flintshire
609	Glasgow
160	Gloucestershire
490	Greater London
180	Greater Manchester
540	Gwynedd
068	Halton
190	Hampshire
075	Hartlepool
209	Herefordshire
210	Hertfordshire
670	Highland
613	Inverclyde
541	Isle of Anglesey
230	Isle of Wight
240	Kent
229	Kingston upon Hull
250	Lancashire
269	Leicester
260	Leicestershire
270	Lincolnshire
029	Luton
249	Medway
280	Merseyside
553	Merthyr Tydfil

079	Middlesbrough
628	Midlothian
049	Milton Keynes
533	Monmouthshire
638	Moray
920	National - National Air
900	National - National Coach
930	National - National Ferry
910	National - National Rail
910	National - National Rail
940	National - National Tram
582	Neath Port Talbot
531	Newport
290	Norfolk
617	North Ayrshire
228	North East Lincolnshire
616	North Lanarkshire
227	North Lincolnshire
019	North Somerset
291	Norwich
320	North Yorkshire
300	Northamptonshire
310	Northumberland
339	Nottingham
330	Nottinghamshire
602	Orkney Islands
340	Oxfordshire
521	Pembrokeshire
648	Perth & Kinross
059	Peterborough
118	Plymouth
128	Poole
199	Portsmouth
561	Powys
039	Reading
078	Redcar & Cleveland
614	Renfrewshire
552	Rhondda Cynon Taff
268	Rutland
690	Scottish Borders
603	Shetland Islands
350	Shropshire

037	Slough
360	Somerset
619	South Ayrshire
017	South Gloucestershire
615	South Lanarkshire
370	South Yorkshire
198	Southampton
158	Southend-on-Sea
380	Staffordshire
660	Stirling
077	Stockton-on-Tees
389	Stoke-on-Trent
390	Suffolk
400	Surrey
581	Swansea
468	Swindon
359	Telford & Wrekin
159	Thurrock
119	Torbay
534	Torfaen
410	Tyne & Wear
572	Vale of Glamorgan
069	Warrington
420	Warwickshire
030	West Berkshire
608	West Dunbartonshire
629	West Lothian
430	West Midlands
440	West Sussex
450	West Yorkshire
601	Western Isles
460	Wiltshire
036	Windsor & Maidenhead
035	Wokingham
200	Worcestershire
514	Wrexham
329	York

