



Department
for Transport

TransXChange PTI Profile v1.1.A

Changes to the profile document since
consultation on Draft v1.1.A

Date: 05.07.2021

Version Control

- **Versioning**
 - RevisionNumber needs to increase for each version – doesn't have to be by 1 as suggested previously.
- **New Yellow Requirement**
 - Version control where data for a Service is split into multiple TXC files can become complex to manage very quickly both for data provider and consumer. It is recommended that data for each version of a Service is provided in a single TXC file to reduce complexity.
- **Guidance on how versioning works rewritten**

Various

- **Internal document references corrected.**
- **NOC Code**
 - Additional background to the requirement and examples.
- **ServiceCode**
 - Data supplied to BODS must be structured in the same manner as the registration to which it relates. For example, where a single public-facing service is formed of multiple registrations, then the service must be split into separate files each with the relevant ServiceCode to align with the registered services.
 - Where there are multiple Lines on the same registration these must all be provided to BODS within the same ServiceCode.
 - Additional examples of ServiceCode provided.

Various

- **Line Name**
- **New RED requirement**
- Where information about a Line is split across registrations and is therefore contained in multiple Services the LineName shall be consistent across each Service.
- **Tracks**
 - Explanation for why Tracks are important – mapping and real time
- **JourneyPatternStopUsage**
 - Accept timeInfoPoint
- **Day Shift**
 - Clarified “When DepartureDayShift is used only a shift of one day (1) is allowed.”

Various

- **XML example corrections:**

- <Monday> to <Monday/> etc
- The use of a space before the ending / in an enumerated value is allowed within TXC-PTI. For example, either <Monday/> or <Monday /> is valid. It is highly recommended that within a file there is consistency of presentation.

- **Correction in 9.3.4 XML sample:**

- BankHolidayOperation to SpecialDaysOperation

- **BankHolidays**

- Added

- Where an operator with a service that runs entirely within Scotland wishes to submit data to BODS then all the English bank holidays will need to be fully populated for the service to pass the validation tests
- Full XML samples for Bank Holidays



Real Time

- **Real Time Information**
- Change
 - shall use the same references for the **same** elements that are used in SIRI-VM feeds
- To
 - shall use the same references for the **equivalent** elements that are used in SIRI-VM feeds



Real Time

- **Add TicketMachine JourneyCode as listed field**
- **Add**
 - JourneyCode and Block shall be provided as soon as they are available from operational management systems.
 - JourneyCode must be unique within the Line.
 - JourneyCode will be used to match against VehicleJourneyRef within the location data feeds.
- **Examples of JourneyCode & BlockNumner**
- **Explanation of why journey code and block are important**

Questions