



PTIC meeting 5 December 2025

Video: <https://youtu.be/tUqMEPXckOs>

Video timings for the start of each agenda item are provided below.

Actions in red text. Opportunities to engage/test/feedback in green text.

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Attendees

Devon Barrett, Podaris
David Batchelor, Ticketer
Mike Baxter, Leicester City Council
Emily Bollands, DfT
Amy Brown, Traveline
John Carr, ATCO
John Cartledge, Independent
Nic Cary, DEFT153
Josh Goodwin, bustimes.org
Tess Harwood, Kodergarten
Jamie Kerlake, Passenger
Neil MacKinnon, Stagecoach
Carin Malhi (Disability campaigner)
Mike Nolan, Traveline
Triumph Okojie, DfT
Kat Quane, Transport Scotland
Tim Rivett, RTIG
Dan Saunders, Basemap
Geetanjali Sehgal, DfT
Richard Senvewo, DfT
Peter Stoner, Ito World
Nick Truscott, Cornwall Council
Keith Willis, React Accessibility
Tricia Wright, Nottinghamshire Council
Rob West, Elydium

1. Introduction

1.1. Apologies

Teresa Jolley, DEFT153
Ian Barratt, Lancashire Council
Mark Jones, TfW

2. Minutes of last meeting 18 September 2025

The minutes of the previous meeting were reviewed.

Accuracy matter: Jonathan Raper was referenced in the September minutes as attending but was not present.



1. Actions update

- **NCSD / Heathrow data quality:** Ongoing issues, particularly with FlixBus. Dan Saunders building with Excel files because gave up with FlixBus feed. **Triumph to continue to nudge operators towards improved alignment with UK standards.**
- **FlixBus timetable restrictions:** Issues with partial boarding/alighting remain unresolved and are unlikely to be addressed until a move to NeTEx, as these cannot be cleanly represented in TransXChange or GTFS. Action closed.
- **Hertfordshire bus stops:** updates now in hand. Action closed.
- **Disruptions language:** TfN guidance shared with KPMG; Kainos expected to adopt.
- **Block numbers:** Meeting now organised. Action closed.
- **Out-of-scope services on BODS:** Will be covered under the BODS agenda item.
- **Multi-operator ticketing:** **Triumph yet to follow up with Ian Barratt.**
- **BODS post-implementation review:** Work complete but publication date not yet confirmed. Dan chased up. **Will let us know when it is published.**
- **Mileage / distance data:** Issue delegated to Julia Ramsbotham at ABODS. Feature released on ABODS; users invited to UAT sessions. Action closed.
- **NaPTAN team introductions:** Contacts exchanged. Action closed.
- **NaPTAN 910 rail data:** Jonthan Raper has reviewed. Dataset to remain in place. **Focus now on improving quality.**
- **Updates to TXC:** Neal at Stagecoach sent Tim Rivett information and talked to Traveline about that – in hand. Sent round by Neil Cartledge. Action closed.
- **EBSR data access issues:** – Raised with DVSA, improvements made. Tim Rivett spoke to Ian but not relayed to Nick. Action closed.

2. Bus Open Data Digital Service

Procurement and supplier transition

Triumph Okojie confirmed that Kainos has been appointed as the new digital delivery supplier, replacing KPMG. A managed transition has been underway since 1 September 2025 to ensure continuity of service. KPMG's final involvement will conclude in January 2026.

Mark Ashton (Kainos) introduced the organisation and outlined experience in large-scale public sector digital services, including transport, accessibility-led design, and GDS-aligned delivery.

Key points: BODS is hosted on AWS, on UK-based infrastructure. Kainos is running development, test and UAT environments. Transition from KPMG to Kainos will be completed during January 2026. Accessibility is embedded in delivery, aligned with GDS standards, with examples including BSL-enabled services.



Programme priorities

Short term: Stabilisation of the platform; reliability and performance; user support.

Medium term: Data quality improvements – frictionless publication and validation.
Enhanced reporting and analytics – better handling of disruptions and cancellations.

Longer term: Modernised and optimised architecture. Reduced touchpoints for operators and authorities. A more connected ecosystem for operators, developers and data consumers. Exploration of additional datasets beyond statutory requirements.

The ambition remains for BODS to act as a **single source of truth** for national bus data.

ABODS

- Improved performance reporting with split inbound / outbound.
- Enhanced accuracy including better data on false departures.
- Better visibility regarding incomplete data.
- More reliable feed monitoring.

Discussions / QA

- **Distance accuracy:** Concerns raised about discrepancies when mapping distances. DfT confirmed validation work using road network data (e.g. OS), with further technical detail available on request.
- **National prediction engine:** Not yet commissioned. Under consideration.
- **Engagement model:** Digital delivery and engagement are now split into two procurements. Engagement procurement is ongoing.
- **Discord:** Kainos confirmed continued monitoring of the Discord community channel.
- **Versioning guidance:** New advice issued encouraging consolidation of services into single files. No mandated deadline but early adoption strongly encouraged.

3. NaPTAN

NaPTAN team unable to attend for operational reasons. Regular engagement sessions continue via [Eventbrite](#), and members are encouraged to participate.

4. Traveline

Mike Nolan update:

- Christmas data coordination with local authorities is largely complete.
- The **PlusBus website** has launched and is well received.
- A new **traveline.info** website and journey planner are in final development, with disruption data from BODS to be surfaced for the first time.
- PlusBus e-ticket now accounts for ~30% of sales, with significant growth in both sales and revenue.



- Accessibility of call-centre services was confirmed, with hearing loops available; issues at stations were noted as outside Traveline's remit.

5. RTIG Update

Tim Rivett update:

- **Accessible Information Regulations:** all remaining older buses should be fitted with audiovisual displays and hearing loops by October. Working with DfT to support small operators, as more and more are fitting ETMs. RTIG is collecting feedback on quality of onboard information to inform improved guidance.
- A continuing programme of Data Standards sessions is underway.
- Work is progressing on:
 - CMS Display Interface updates: schema on GitHub. Release early 2026.
 - A national bus stop standard, with Campaign for Better Transport.
 - Updated guidance for digital and printed passenger information on ATCO's work 20 years ago. Let Tim Rivett know if you want to be involved. Want members from diverse accessibility groups to be actively involved. Have participation from Thomas Pocklington Trust. Also got a college in Manchester which specialises in supporting neurodiverse people. **Tim Rivett will be in touch with Carin Malhi.**
- Working Groups
 - Inclusive passenger information – a guide to good practice for bus passenger technology providers.
 - Printed information.
 - Data standards.

6. EU Standards Development

Tim Rivett update:

Is either full on or nothing happening.

Transmodel

- All of the standards are effectively architected around the **Transmodel** architecture which sets out the principles and makes sure that you know that when you are talking about a particular bit of data the terminology used across all the standards is consistent. On ticketing: *Seat Booking* and *Transfer of Seats at Times of Disruption* are two large areas of focus.

Three levels in CEN

- Technical Report; then:
- TS – where theories test and works, implementable; then:
- EN (European Normalised) standard... the most rigorous.



Common theme across all of the standards is a need to move to the next level of standardisation.

Ongoing work around **Transmodel** architecture:

- 6.2: CEN formal enquiry
- 6.3: Planning
- 6.4: All parts become EN

Progression of standards from Technical Reports to EN status. Most are at EN level but EC pushing for all to be, so they can apply legislation.

NeTEx

- NeTEx v2 ballots open, publication expected in Q1 2026, with v3 IN 2027. EN will need to be published by 2028 under European requirements.
- Work commencing on a European fares profile of interest, particularly in the UK (currently not consistent across European member states). project Group being set up; 2027 delivery.
- **Let Tim Rivett know if something is missing.**

SIRI

- V2.1 – been waiting for the Schema to be available. It is now available on GitHub.
- V3 is in Planning. This will have breaking changes in it for those of you that use SIRI to bring it into line with NeTEx and some of the newer bits of Transmodel and will be EN in 2028 – so that it is mandated for Member States in the European Commission to use; for those of you providing services into Europe.
- Part 7
 - European Real-Time Passenger Information Profile (EPIP-RT).
 - Published June 2025.
- SIRI in data brokers
 - Slow progress.
 - Will be VM & ET initially.
 - RTIG CMS – display standard provides roughly SM.

OpRa

- The newest of the Transmodel standards. It concerns historical and performance data e.g. things like ABODS.
- Draft of the technical concepts is available for people to review – <https://rtig.org.uk/node/947>
- Update on the development of the new standard:
 - Dec 16th 12:30.
 - Technical review.
- Higher Level – 13th February.

Opening Standards

We want to make sure standards of the MMTIS DR are free to all eg:



- NeTEx
- SIRI
- DATEX
- OpRa [in future]

Encouraging CEN to make them openly available – EC to fund.

7. Issue Log (1:50:40 - 1:57:00)

Issue 103: Personalised fare zones – TfW use case ongoing.

Issue 104: Block Number – Teams call arranged.

Issue 105: Distance based fares – no update.

Issue 106: Updating Transport Authority lists in TransXChange – work in progress.

8. Dates of future meetings

- Thursday 5 March 2026, 14:00.
- Thursday 4 June 2026, 14:00.
- Thursday 17 September 2026, 14:00.
- Thursday 3 December 2026, 14:00.

AOB

- Meeting participants welcomed Kainos and emphasised the importance of engaging with Local Authorities and data consumers.
- Discussion highlighted ongoing misalignment between TransXChange, NeTEx and SIRI, with a request for a future fitness-for-purpose review.
- Transport Scotland to be re-invited to a future meeting to update on consultation outcomes.

Closed at 15:50