



Department
for Transport

BODS Service Release 1.15.0

17/12/2021

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Key Update Features- SIRI-VM Validator

SIRI-VM validator updates will be part of this release and will provide publishers with a validation report against BODS compliance so they can address them

- Publishers will be able to view validation of their SIRI VM data based on the following:

Compliance tag status proposal*



Non compliant

Consumer critical field(s)

+ (Fields as per regulation) are missing

- Beaming
- LineRef
- OperatorRef
- RecordedAtTime
- ResponseTimestamp
- VehicleStatusRef
- VehicleLocation (Lat, Long)
- ProducerRef
- DirectionRef
- VehicleId
- ValidUntilTime



Partial compliance

Non-critical consumer

field(s) are missing

- BlockRef (Only all publishers are able to provide)
- PublisherRefName
- ConditionRef
- OrgName
- CostRef



BODS compliant

All fields are present

- Beaming
- LineRef
- Monitored_VehicleLocation
- OperatorRef
- RecordedAtTime
- ResponseTimestamp
- VehicleStatusRef
- VehicleLocation (Lat, Long)
- ProducerRef
- DirectionRef
- BlockRef
- PublisherRefName
- ValidUntilTime
- VehicleLocationHistory (Vehicle activity)
- DestinationRef
- OrgName
- OrgRef
- VehicleRef

*Agreed as compromise after 3x joint KPMG-DfT-Tier1/Vert sessions with Ticketer



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SIRI-VM validator updates will be part of this release and will provide publishers with a validation report against BODS compliance so they can address them

- Publishers will have a new dashboard available to view their compliance



| <div>Active Draft Inactive</div> | | | | | | |
|----------------------------------|---------------------|----------------------------------|--------------|----------------------------|-------------------|--|
| Status | BODS compliant data | Data feed name | Data feed ID | Last automated update | Short description | |
| No vehicle activity | Compliant | Ito World_5533_20210924_16:51:13 | 5533 | Sept. 27, 2021, 12:18 p.m. | BODP-4268 Feed 2 | |
| No vehicle activity | Partially compliant | Ito World_5532_20210924_16:50:41 | 5532 | Sept. 27, 2021, 12:18 p.m. | BODP-4268 Feed 1 | |
| No vehicle activity | Inconsistent | Ito World_5531_20210924_16:50:41 | 5531 | Sept. 27, 2021, 12:18 p.m. | 2nd Test | |



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Key Update Features-PTI Validator

New checks have been added to ensure the both journeys serve one or more localities in common (Lines Group)

If no OperatingProfile elements at the VehicleJourney level then validator will use the ServiceOperatingPeriod EndDate to check if non NaPTAN stops are used for more than 2 months and raise a validation issue (StopPoints)

Updates to the revision logic to enable zip files with multiple revision numbers to be loaded successfully for different lines.



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What This Means

- Progress in ensuring location data compliance with profile validation
- Supports the provision of high quality real time location data to data consumer & app developers
- Foundation layer to high quality predictions service
- Better journey planning
- Reduced wait times
- Better experience

