SIRI v2.1

For PTIC 22nd February 2021

GIT

- 'Official' GIT repository

- https://github.com/SIRI-CEN/SIRI

Minor releases and major releases

- After a given number of change requests a new version is formed.
- Minor releases will be shown with a new letter (e.g. v2.0o). This should be non-breaking changes.
- A version number in the second number is still minor. There should mainly be extensions and things that can easily adapted like enum (e.g. v.2.1a)
- A major release with a new version (e.g. v3.0a) contains breaking changes.

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Documentation and the xsd

- For copyright reasons the full standards document can not be put on GIT

- All changes in the XSD also to be in the document at the same time.

- This means that a pull request is only merged, when the document(s) are updated.

TPEG / DATEX & NeTEx

- Hard link between SIRI and TPEG and DATEX.
  - TPEG & DATEX latest updates not backwardly compatible
  - Implementation challenges with SIRI.
  - Remove hard links
- NeTEx
  - Table enumerations
- Throw away codes & use names

PTS043 (ServiceStatus)	
Code	Reference-English 'word'
0	unknown
1	delay
2	minor delays
3	major delays
4	operation time extension
5	on time
6	disturbance rectified
7	change of platform
8	line cancellation
9	trip cancellation
10	boarding

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Occupancy

- Capacity & Occupancy status (carriage level)
    - Seat capacity
    - Current seat occupancy
    - Expected occupancy
    - Wheelchair occupancy
    - Class occupancy (ticketing)
    - Carriage / deck level

Other Changes

- Adding filters to subscriptions
  - Receive less data
  - More targeted
- Subscription renewal improvement
- Multilingual support
  - Currently inconsistent application
  - Important for UK: Welsh language
- Consistency in Arrival – Departure information at Stop
  - Inc. for disruptions / changes
- Increased Mode types
- Vehicle Formation / composition
- Quay / Platforms – increases modelling complexity

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Other Changes

- Vehicle Fuel Type

- Support for Service Branding

- Subcontracting of operation

- Relationships between journeys – connections

Timeline

- GitHub – available now

- Documentation
  - submit to CEN between March & May
  - CEN review – 3 months
  - Formal Vote – 6 months
  - Publish end 2021?

- Draft documents for review available on request (May 2021?)

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