

SIRI 2.0-TfNSW SIRI Implementation Specification 1.1

(Using SIRI at TfNSW)

Release Notes

Version 1.0

Issued: 30 July 2021

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Specification Governance

Document details

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Author	PTMS Project Team
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Approval	Technical Design Authority
Version	1.0

Version History

Version	Author	Issued	Changes
1.0	PTMS Project Team	30/07/2021	<ul style="list-style-type: none"> Release notes to support TfNSW SIRI Implementation Specification 1.1

Distribution List

Program	Group	Business Unit	Responsibility
PT Real-time Working Group	PT Real-time Working Group Members	TfNSW	Governance
Sydney CBD & South East Light Rail Project Team	Rail Systems	Sydney Light Rail Delivery Office	Review and distribution to Project teams
Sydney Metro Project Team	Metro Product and Integration	Sydney Metro Delivery Office	Review and distribution to Project teams
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1 Release Notes

1.1 Document Purpose

This document provides Release Notes to accompany the TfNSW SIRI Implementation Specification 1.1 and provides a summary of all changes implemented for these releases.

1.2 Overview

The specification has been updated to provide additional clarification and detail in a number of sections. Importantly a specification for the SIRI FM service has also been included.

All changes that were specified in the document *TfNSW-SIRI-Implementation-Specification v1.0.5 Addendum v2.0* have also been incorporated.

The clarification and extra detail provided in the specification will should serve to make broker/SIRI participant development easier.

1.3 Summary of changes

	Section/Classification	Action
1	General	Grammatical corrections.
2	General	Minor textual clarifications.
3	General	Terminology clarifications.
4	General	Removal of links to TfNSW Asset Standards Authority website.
5	Section 7.6	Inclusion of SIRI FM service specification.
6	Section 4.4	Inclusion of section on Protocol Security.
7	Section 4.8	Clarification on treatment of Headway Services.
8	Section 4.11	Clarification on treatment of Passed Stops.
9	Section 4.12	Inclusion of section on Maintenance of trip definition and state in real-time.
10	Section 4.13	Inclusion of section on Sequencing of messaging and message interdependency.
11	Section 5.1	Clarification on use of master data elements.
12	Section 7	Clarification on use of elements classification as mandatory or optional.
13	Section 7.2.2	Clarification in definition and use of some SIRI PT elements.
14	Section 7.3.2	Clarification in definition and use of some SIRI ET elements.
15	Section 7.3.2	Addition of some SIRI ET elements.
16	Section 7.4.2	Clarification in definition and use of some SIRI VM elements.
17	Section 7.4.2	Addition of some SIRI VM elements.
18	Section 7.5.4	Clarification in definition and use of some SIRI SX elements.

	Section/Classification	Action
17	Section 7.5.5	Addition of some SIRI SX elements.
19	Section 8.1.3	Specification of enumerated values for Vehicle Status.
20	Section 8.1.9	Addition of enumerated values for Service Condition.

1.4 Document References

1.4.1 SIRI Artefacts

The primary TfNSW and foundation SIRI artefacts are identified below.

Table 1 – SIRI Document References

Document Name	Network Location or Documentation Link
Transmodel CEN v6	CEN V6 http://transmodel-cen.eu/
SIRI standard specification	http://www.transmodel-cen.eu/standards/siri/ https://www.vdv.de/siri.aspx Additional information about standard SIRI is included in section "About SIRI Standard Specification"
TfNSW-SIRI-Implementation-Specification v1.1 Release Notes	Available upon request.
TfNSW-SIRI-Implementation-Specification v1.1	Available upon request.
SIRI XSD Schema for TfNSW extensions	Available upon request.
TfNSW-SIRI-Use Cases v1.2	Available upon request.
TfNSW-SIRI-XML Samples v1.2	Available upon request.

1.4.2 References to Other Standards

1.4.2.1 TransXChange

TfNSW provides this document in conjunction with the TfNSW TransXChange Implementation Specification as a specification group to describe the inter-operation between planned services and the real-time monitoring of services.

Table 2- TransXChange Document Locations

Document Name	Network Location or Documentation Link
TfNSW-TransXChange-Implementation-Specification v2.5.12 Rel Notes	Available upon request.
TfNSW-TransXChange-Implementation-Specification v2.5.12	Available upon request.
TXC_sample	Available upon request.

1.5 Security Classification

This document is unclassified.

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