



Stations V4 XML Feed

Developer's Guide

Version 2.0

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1 Introduction

1.1 Overview

This document has been prepared to provide National Rail Enquiries with a documented schema of the Stations XML feed which will be distributed to existing and prospective users of the XML feeds.

This document contains the following information:

- High level description of XML feed contents
- Information about the XML feed configuration (i.e. how it is accessed and how long it is cached)
- Outline schema (how the feed is structured and what XML tags it contains)
- Description of the XML tags
- High level user guide (how to interpret the XML tags)

1.2 Audience

This document is to be used by National Rail Enquiries and existing and prospective users of XML feed. This document will be updated and distributed following any future update of the XML schema.

2 Outline Schema

2.1 Overview

This chapter defines the structure, and provides a high level description, of the Stations XML tags. The information contained in each XML tag is described.

Where a tag is marked mandatory, consumers can rely upon the presence of this tag. Tags not marked mandatory are optional, i.e. consumers should not rely on these elements existing. Sub-tags marked as mandatory are only mandatory if their parent tag exists.

Where a tag is marked multiple, this means that this tag can be repeated, tags not marked as multiple will not be repeated (albeit that the legacy schema may define that they can).

Within each table of tags and sub-tags, each grouped set of tags (root tag and its children, or choice options) is marked in the same background colour (which alternate).

Please note that this document does not fully define all data types.

2.2 <StationList>

Contains the <Station> sub tags, one for each station. For the master stations

feed or for feeds by TOC, this is the root tag.

Tags	Sub tags/Values
<Station> (multiple)	See 2.4

2.3 <Station>

Contains the details about the station; this is the root tag for a single station XML feed.

Tags	Sub tags/Values
<ChangeHistory> (mandatory)	<com:ChangedBy>, <com:LastChangedDate>
<com:ChangedBy> (mandatory)	Name
<com:LastChangedDate> (mandatory)	YYYY-MM-DD Thh:mm:sssZ. This is formatted as Zulu (UTC) time but the time is implemented as GMT/BST (at NRE's request - applies to all date times). Shows when the incident was created.
<CrsCode> (mandatory)	3 character station code
<AlternativeIdentifiers> (mandatory)	<NationalLocationCode>
<NationalLocationCode> (mandatory)	NLC code as used by RJIS. 4-7 characters (usually an integer in practice, but not validated as such)
<Name> (mandatory)	Station name
<SixteenCharacterName> (mandatory)	Station name which may be an abbreviation, max length 16 characters
<Address>	<com:PostalAddress>. The address of the station.
<com:PostalAddress>	<add:A_5LineAddress>
<add:A_5LineAddress> (mandatory)	See section 2.4.1
<Longitude> (mandatory)	Numeric East–West geographic coordinate represented via a double precision number.
<Latitude> (mandatory)	Numeric North–South geographic coordinate represented via a double precision number.
<StationOperator> (mandatory)	A 2 character string containing the name of the station operator (i.e. TOC).
<Staffing> (mandatory)	<StaffingLevel>, <ClosedCircuitTelevision>

<StaffingLevel> (mandatory)	Contains 1 of the following values: fullTime / partTime / unstaffed
<ClosedCircuitTelevision> (mandatory)	<Available>
<Available> (mandatory)	Boolean. Is CCTV available? The default is false if this has not been set in the CMS.
<InformationSystems>	See section 2.3.0
<Fares>	See section 2.3.1
<PassengerServices>	See section 2.3.2
<StationFacilities>	See section 2.3.3
<ImpairedAccess>	See section 2.3.4
<InterChange>	See section 2.3.5
<StationAlerts>	<AlertText>, <LastchangedDate>
<AlertText>	Text containing details of the alert
<LastChangedDate> (mandatory)	YYYY-MM-DD Thh:mm:sssZ. Required to validate against the legacy schema, value can be ignored (it always contains the current date at midnight).
<TocRef>	One or multiple list of train operating companies from the Internal area.
<StationCategory>	String

2.3.0 <InformationSystems>

Provides information about a station's provision for ticket buying and collection.

Tags	Sub tags/Values
<InformationAvailableFromStaff>	Contains one of the following: No Yes – From information point Yes – from help point Yes – from ticket office
<InformationServicesOpen>	<com:Annotation><com>Note>
<CIS> (multiple)	

<CustomerHelpPoints>	Each element contains 1 of the following values: DepartureScreens / ArrivalScreens / Announcements AvailableFacility. See section 2.4.5
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2.3.1 <Fares>

Provides information about a station's provision for ticket buying and collection.

Tags	Sub tags/Values
<TicketOffice>	<com:Open>, <com:Location> Where <com:Open> contains <com:Annotation> Note on the ticket office. See 2.4.2.
Mandatory choice between <com:Open> and <com:Available>	
<com:Open> (option for mandatory choice)	Ticket office opening hours. See 2.4.3.
<PrepurchaseCollection>	See 2.4.6
<OystercardIssued>	Boolean. Are Oyster cards issued at this station?
<OystercardTopup>	See 2.4.6
<UseOystercard>	Boolean. Can Oyster cards ben used at this station?
<OysterComments>	<com:Annotation>
<com:Annotation>	Note on Oyster card facilities, see 2.4.2.
<AlwaysShowOysterCardFields>	Boolean. Should Oyster card fields be shown on a website consuming this data?
<SmartcardIssued>	Boolean. Are smartcards issued at this station?
<SmartcardTopup>	See 2.4.6
<SmartcardValidator>	Boolean. Can smartcards be validated at this station?

<Travelcard>	<com:TravelcardZone>
<com:TravelcardZone> (multiple)	String defining travel card zone(s) that apply to this station.
<PenaltyFares>	<TrainOperator>
<TrainOperator>	Two letter code for the train operator
<Url>	String

2.3.2 <PassengerServices>

Provides information about a station's passenger service provision.

Tags	Sub tags/Values
<CustomerService>	<com:Annotation>
<com:Annotation>	Note on customer services, see 2.4.2.
<LeftLuggage>	<com:ContactDetails>, <com:Available>, <com:OperatorName>
<com:ContactDetails>	Left luggage contact details, see 2.4.4. Possible sub tags: <com:PrimaryTelephoneNumber>, <com:Url>
<com:Available>	Boolean. Are left luggage facilities available at this station?
<com:OperatorName>	Text: name of the operator for left luggage
<LostProperty>	<com:ContactDetails>, <com:Open>, <com:OperatorName>
<com:ContactDetails>	Lost property contact details, see 2.4.4. Possible sub tags: <com:PrimaryTelephoneNumber>, <com:Url>
<com:Open> (option for optional choice)	Lost property opening hours, see 2.4.3.
<com:OperatorName>	Text: name of the operator for lost property

2.3.3 <StationFacilities>

Provides information about a station's passenger service provision.

Tags	Sub tags/Values
<FirstClassLounge>	<com:Annotation>, <com:Open>, <com:Available>
<com:Annotation>	Note on 1st class lounge, see 2.4.2.
Mandatory choice between <com:Open> and <com:Available>	
<com:Open> (option for mandatory choice)	1 st class lounge opening hours. See 2.4.3.
<com:Available>(option for mandatory choice)	Is a 1 st class lounge available? Contains 1 of the following values: true / false / unknown.
<SeatedArea>	<com:Annotation>, <com:Available>
<com:Annotation>	Seated area location note, see 2.4.2.
<com:Available>(mandatory)	Are seated area(s) available? Contains 1 of the following values: true / false / unknown.
<WaitingRoom>	<com:Annotation>, <com:Open>, <com:Available>
<com:Annotation>	Note on waiting room(s) location, see 2.4.2.
Mandatory choice between <com:Open> and <com:Available>	
<com:Open> (option for mandatory choice)	Waiting room opening hours. See 2.4.3.
<com:Available>(option for mandatory choice)	Is a waiting room available? Contains 1 of the following values: true / false / unknown.
<Trolleys>	<com:Available>
<com:Available>(mandatory)	Are trolleys available? Contains 1 of the following values: true / false / unknown.
<StationBuffet>	<com:Note>, <com:Available>
<com:Note>	Buffet note.
<com:Available>(mandatory)	Is a buffet available? Contains 1 of the following values: true / false / unknown.
<Toilets>	<com:Available>, <com: Location>,

<com:Available>(mandatory)	Are toilets available? Contains 1 of the following values: true / false / unknown.
<com: Location>	Toilets location note, see 2.4.2.
<BabyChange>	<com:Note>, <com:Available>
<com:Note>	Baby change location note.
<com:Available>(mandatory)	Are baby change facilities available? Contains 1 of the following values: true / false / unknown.
<Showers>	<com:Available>
<com:Available>(mandatory)	Are showers available? Contains 1 of the following values: true / false / unknown.
<Telephones>	<com:Exists>, <com:UsageType>
<com:Exists> (mandatory)	Boolean. Are public telephones available at the station?
<com:UsageType>	Type of telephones available. Contains 1 of the following values: Coins / Cards / CardsAndCoins.
<WiFi>	<com:Annotation>, <com:Available>
<com:Annotation>	Wi-Fi note, see 2.4.2.
<com:Available>(mandatory)	Is wi-fi available? Contains 1 of the following values: true / false / unknown.
<WebKiosk>	<com:Open>, <com:Available>
Mandatory choice between <com:Open> and <com:Available>	
<com:Open> (option for mandatory choice)	Web kiosk opening hours. See 2.4.3.
<com:Available>(option for mandatory choice)	Is a web kiosk available? Contains 1 of the following values: true / false / unknown.
<PostBox>	<com:Note>, <com:Available>
<com:Note>	Post box location note.
<com:Available>(mandatory)	Is a postbox available? Contains 1 of the following values: true / false / unknown.
<TouristInformation>	<com:Annotation>, <com:Available>

<com:Annotation>	Tourist Information office location note, see 2.4.2.
<com:Available>(mandatory)	Is a there tourist information office at the station? Contains 1 of the following values: true / false / unknown.
<AtmMachine>	<com:Note>, <com:Available>
<com:Note>	ATM location note.
<com:Available>(mandatory)	Is an ATM available? Contains 1 of the following values: true / false / unknown.
<BureauDeChange>	<com:Available>
<com:Available>(mandatory)	Is an Bureau de Change available? Contains 1 of the following values: true / false / unknown.
<Shops>	<com:Annotation>, <com:Available>
<com:Annotation>	<com:Note> Note on shops available.
<com:Available>(mandatory)	Are shops available? Contains 1 of the following values: true / false / unknown.

2.3.4 <Accessibility>

Provides information about a station's passenger service provision.

Tags	Sub tags/Values
<Helpline>	<com:Annotation>, <com:ContactDetails>, <com:Open>
<com:Annotation>	Note on helpline lounge, see 2.4.2.
<com:ContactDetails>	<com:Annotation>
<com:Annotation>	Helpline contact details note. See 2.4.2. NB: No other contact details fields are output for the helpline.
<com:Open>	Helpline opening hours. See 2.4.3.
<StaffHelpAvailable>	<com:Annotation>, <com:Open>, <com:Available>

<com:Annotation>	Note on staff help, see 2.4.2.
Mandatory choice between <com:Open> and <com:Available>	
<com:Open> (option for mandatory choice)	Staff help availability hours. See 2.4.3.
<com:Available>(option for mandatory choice)	Is staff help available? Contains 1 of the following values: true / false / unknown.
<InductionLoop>	Are induction loops(s) available? Contains 1 of the following values: true / false / unknown.
<AccessibleTicketMachines>	<com:Annotation>, <com:Available>
<com:Annotation>	Accessible ticket machines note, see 2.4.2.
<com:Available>(mandatory)	Are accessible ticket machines available? Contains 1 of the following values: true / false / unknown.
<HeightAdjustedTicketOfficeCounter>	<com:Annotation>, <com:Available>
<com:Annotation>	Accessible booking office counter note, see 2.4.2.
<com:Available> (mandatory)	Is there an accessible booking office counter? Contains 1 of the following values: true / false / unknown.
<RampForTrainAccess>	<com:Available>
<com:Available>(mandatory)	Is a ramp for train access available? Contains 1 of the following values: true / false / unknown.
<AccessibleTaxis>	<com:Annotation>, <com:Available>
<com:Annotation>	Accessible taxis note, see 2.4.2.
<AccessiblePublicTelephones>	<com:Annotation>, <com:Available>
<com:Annotation>	Accessible taxis note, see 2.4.2.
<NationalKeyToilets>	<com:Location>, <com:Available>

<com:Available>(mandatory)	Are national key toilets available? Contains 1 of the following values: true / false / unknown.
<com:Location>	National key toilets location note, see 2.4.2.
<StepFreeAccess>	<com:Annotation>, <Coverage>
<com:Annotation>	Step free access note, see 2.4.2.
<Coverage>	Coverage of step free access. Contains 1 of the following values: wholeStation / partialStation / allPlatforms / noPartOfStation / unknown .
<TicketGates>	<com:Annotation><com>Note>
<com>Note>	Ticket gate note.
<ImpairedMobilitySetDown>	<com:Annotation>, <com:Available>
<com:Annotation>	Impaired mobility set down note, see 2.4.2.
<com:Available>(mandatory)	Impaired mobility set down available? Contains 1 of the following values: true / false / unknown.
<WheelchairsAvailable>	<com:Open>, <com:Available>
Optional choice between <com:Open> and <com:Available>	
<com:Open> (option for optional choice)	Wheelchair loan opening hours, see 2.4.3.
<com:Available> (option for optional choice)	Is wheelchair loan available at this station? Contains 1 of the following values: true / false / unknown.

2.3.5 <InterChange>

Provides information about a station's passenger service provision.

Tags	Sub tags/Values
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<Cyclestorage>	<Spaces> <Sheltered> <Cctv> <Location> <Annotation> <Type>
<Spaces>	Integer. Number of cycle storage spaces.
<Sheltered>	Is the cycle storage area sheltered? Contains 1 of the following values: yes / partial / no / unknown.
<Cctv>	Boolean. Is the cycle storage area covered by CCTV?
< Location >	<com:Note>
<com:Note> (mandatory)	Note on location of cycle storage
<Annotation>	<com:Note>
<com:Note>	Additional information note on cycle storage.
<Type> (multiple)	Cycle storage type, e.g. Stands, Wheel Racks, Lockers, Compound.
<CarPark> (multiple)	Complex structure, see 2.3.5.1.
<RailReplacementServices>	<com:Annotation>, <RailReplacementMap>
<com:Annotation>	Note on rail replacement services, see 2.4.2.
<RailReplacementMap> (multiple)	Rail replacement map URLs.
<TaxiRank>	<com:Annotation>, <com:Available>
<com:Annotation>	Note on taxi rank , see 2.4.2
<OnwardTravel>	<com:Annotation>, <com:Available>
<com:Annotation>	Note on bus services, see 2.4.2
<MetroServices>	<com:Annotation>, <com:Available>
<com:Annotation>	Note on metro services, see 2.4.2
<Airport>	<com:Annotation>, <com:Available>
<com:Annotation>	Note on airport station gives access to, see 2.4.2

<Port>	<com:Annotation>, <com:Available>
<com:Annotation>	Note on port or ferry service that the station gives access to, see 2.4.2
<com:Available> (mandatory)	Does the station give access to a port or ferry service? Contains 1 of the following values: true / false / unknown.
<CarHire>	<com:Annotation>, <com:Available>
<com:Annotation>	Note on car hire, see 2.4.2
<com:Available> (mandatory)	Car hire available at or near the station? Contains 1 of the following values: true / false / unknown.
<CycleHire>	<com:Annotation>, <com:Available>
<com:Annotation>	Note on cycle hire, see 2.4.2
<com:Available> (mandatory)	Cycle hire available at or near the station? Contains 1 of the following values: true / false / unknown.

2.3.5.1 <CarPark>

Provides information about station car parks or other car parks in close proximity to the station.

Tags	Sub tags/Values
<com:Annotation>	Note on the car park, see 2.4.2.
<com:ContactDetails>	Car park contact details, see 2.4.4. Possible sub tags: <com:Annotation>, <com:PrimaryTelephoneNumber>, <com:AlternatePublicTelephoneNumbers>, <com:AlternateInternalTelephoneNumbers>, <com:FaxNumber>, <com:PostalAddress>, <com:EmailAddress>, <com:Url>
<com:Open> (option for mandatory choice)	Car park opening hours. See 2.4.3.
<OperatorName>	Name of the car park operating company.
<Name>	Name of the car park.

<Spaces>	Integer. Number of spaces in the car park.
<Charges> <Off-peak>, <PerHour>, <Daily>, <Weekly>, <Monthly>, <ThreeMonthly>, <SixMonthly>, <Annual>, <Saturday>, <Sunday> Children of <Charges> is a mandatory choice between 1 or more of <Peak>, <Off-peak>, <PerHour>, <Daily>, <Weekly>, <Monthly>, <ThreeMonthly>, <SixMonthly>, <Annual><Saturday> or <Sunday> <Off-peak> (1 of multiple options for mandatory choice)	String. Off-peak charges.
<PerHour > (1 of multiple options for mandatory choice)	String. Hourly charges.
<Daily> (1 of multiple options for mandatory choice)	String. Daily charges.
<Weekly> (1 of multiple options for mandatory choice)	String. Weekly charges.
<Monthly> (1 of multiple options for mandatory choice)	String. Monthly charges.
<ThreeMonthly> (1 of multiple options for mandatory choice)	String. 3 monthly charges.
<SixMonthly> (1 of multiple options for mandatory choice)	String. 6 monthly charges.
<Annual> (1 of multiple options for mandatory choice)	String. Annual charges.
<Free> (Single option for mandatory choice)	Self-closing tag (no content). Existence indicates that there is no charge for using this car park at any time.
Note	String. Note about charges
NumberAccessibleSpaces	Integer
AccessibleSpacesNote	String. Notes related to accessible spaces in the car park
AccessibleCarParkEquipment	Boolean.
AccessibleCarParkEquipmentNote	String. Notes related to Accessible Car Park Equipment
Cctv	Boolean. Does the car park have CCTV?

2.4 Common Tags

The XML schema contains a number of common tags, for brevity these are described fully in this section and then referenced from the remainder of the high level description.

2.4.1 <add:PostalAddress>, <add:A_5LineAddress>

This element is normally named <add:PostalAddress>, but is named <add:A_5LineAddress> when it applies to the station itself (as it is already nested within an element named <PostalAddress>).

NB: any <add:> field conforms to government open address standards.

Tags	Sub tags/Values
<add:Line> (mandatory, multiple, 2 elements mandatory, max. 5 elements.)	Contains lines of the address
<add:Postcode> (mandatory)	Contains the postcode

2.4.2 <com:Annotation>

Tags	Sub tags/Values
<com>Note> (mandatory)	A string containing the note of the annotation.

2.4.3 <com:Open> Opening Hours

Opening hours applying to a particular station attribute, such as an office or service.

Tags	Sub tags/Values
<com:Annotation>	Note on the opening hours. See 2.4.2
<com:DayAndTimeAvailability> (multiple)	Defines opening hours applicable to a particular day or holiday type. <com:DayTypes>, <com:HolidayTypes>, <com:OpeningHours>
Mandatory choice between <com:DayTypes> and <com:HolidayTypes>	
<com:DayTypes> (option for mandatory choice)	<com:MondayToFriday>, <com:Weekend>, <com:MondayToSunday>, <com:Monday>, <com:Tuesday>, <com:Wednesday>, <com:Thursday>, <com:Friday>, <com:Saturday>, <com:Sunday>
<com:MondayToFriday>, <com:Weekend>, <com:MondayToSunday> (options for mandatory choice)	Self-closing elements, existence defines the days of the week that the opening hour period defined in this availability instance applies to. 1 only of these options may be set

	or...
<com:Monday>, <com:Tuesday>, <com:Wednesday>, <com:Thursday>, <com:Friday>, <com:Saturday>, <com:Sunday> (options for mandatory choice)	Self-closing elements, existence defines the days of the week that the opening hour period defined in this availability instance applies to. 1 or more of these options may be set.
<com:HolidayTypes> (option for mandatory choice)	<com:AllBankHolidays>
<com:AllBankHolidays> (mandatory)	Self-closing element, existence indicates that the opening hours period defined in this availability instance apply to bank holidays. NB: This is part of a choice in the schema, but this is the only holiday type that will ever be set through the current CMS.
<com:OpeningHours> (mandatory)	<com:TwentyFourHours>, <com:OpenPeriod>, <com:Unavailable>
Mandatory choice between <com:TwentyFourHours>, <com:OpenPeriod> and <com:Unavailable>	
<com:TwentyFourHours> (option for mandatory choice)	Self-closing element, existence indicates that on the applicable day(s) or holiday type, this item is available 24 hours.
<com:OpenPeriod> (multiple, option for mandatory choice)	Opening period(s) applicable to the day(s) or holiday type. <com:StartTime>, <com:EndTime>
<com:StartTime> (mandatory)	Hh:mm:ss.mmmZ. Opening time.
<com:EndTime> (mandatory)	Hh:mm:ss.mmmZ. Closing time.
<com:Unavailable> (option for mandatory choice)	Self-closing element, existence indicates that on the applicable day(s) or holiday type, this item is not available (i.e. closed).

2.4.4 <com:ContactDetails>

Contains the contact details applying to a particular station attribute, such as an office or service. Not all tags apply to all attributes; possible sub-tags will be listed wherever this tag is referenced.

Tags	Sub tags/Values
<com:Annotation>	<com>Note>
<com>Note> (mandatory)	Contact details note.

<com:PrimaryTelephoneNumber>	<com:TelNationalNumber>
<com:TelNationalNumber> (mandatory)	The main public telephone number.
<com:AlternatePublicTelephoneNumbers>	<com:TelephoneNumber>
<com:TelephoneNumber> (mandatory, multiple)	<com: TelNationalNumber>
<com: TelNationalNumber> (mandatory)	Additional public phone number.
<com:AlternateInternalTelephoneNumbers>	<com:TelephoneNumber>
<com:TelephoneNumber> (mandatory, multiple)	<com: TelNationalNumber>
<com: TelNationalNumber> (mandatory)	An internal phone number.
<com:FaxNumber>	<com:TelNationalNumber>
<com:TelNationalNumber> (mandatory)	A fax number.
<com:PrimaryMinicomNumber>	<com:TelNationalNumber>
<com:TelNationalNumber> (mandatory)	Contains the minicom (text phone) number.
<com:AlternateMinicomNumber>	<com:TelNationalNumber>
<com:TelNationalNumber> (mandatory)	Additional minicom (text phone) number.
<com:PostalAddress>	<add:Line>, <add:Postcode>
<add:Line> (mandatory, multiple, 2 elements mandatory, max. 5 elements.)	Contains the line of the address.
<add:PostCode>	Contains the postcode.
<com:EmailAddress>	An email address.
<com:AlternativeEmailAddress>	Additional email address.
<com:Url>	A URL linking to further details on this attribute.

2.4.5 AvailableFacility

Tags	Sub tags/Values
<Annotation>	Note. See 2.4.2
<Open> (multiple)	<com:MondayToFriday>, <com:Weekend>, <com:MondayToSunday>, <com:Monday>,

	<com:Tuesday>, <com:Wednesday>, <com:Thursday>, <com:Friday>, <com:Saturday>, <com:Sunday>
<Available>	Boolean
<Location>	Note. See 2.4.2

2.4.6 TicketPickup

Tags	Sub tags/Values
<TicketOffice>	Boolean
<TicketMachine>	Boolean
<NotAvailable>	Boolean

2.5 Sample XML Feed File

Appendix A shows a sample Stations XML Feed File

3 XML Feed Configuration

3.1 Overview

This chapter describes how the XML feeds are configured and the process for changing this configuration.

3.2 XML Feed Configuration File

The XML feeds are configured using REST web services utilising Microsoft WCF. The web services are responsible for managing incoming requests for XML Feeds, and replying with the correct response.

WCF configuration determines the URL patterns that can be used to request a particular XML feed.

In addition, due to the large volume data contained within the station feeds, a compressed (zipped) version of the all stations XML is also available for download. Whereas the other feeds are updated in real time, the compressed file is generated daily by an overnight batch process.

Example URLs for stations XML feeds.

Stations by TOC code;

/xml/4.0/stations-?.xml

Station by CRS code;

/xml/4.0/station-???.xml

Changes to configuration will need to be authorised by National Rail Enquiries and the consumers of the XML feeds will need to be notified of any changes that may affect their current systems.

3.3 Restricting Access to the XML Feeds

Access to the XML feeds is controlled by the National Rail Enquiries firewalls which are located at the hosting provider's two sites. If a new client requires access to the XML feeds they must request that their server's IP addresses are added to the firewalls. This request should be made to National Rail Enquiries.

3.4 Pulling the XML Feed Data

The XML feeds are configured to stay in the server cache for 1 minute, after which they are refreshed.

It's entirely up to the site taking the feeds to define how often they are polled. Rather than re-querying the entire feed, the Last-Modified response header can be queried to determine if the feed data has been updated.

4 Using the XML Feed

4.1 Overview

This chapter describes the outline structure of the Stations XML feed file. This structure will provide the relationship between the Element and the Attribute.

4.3 Sample XML Feed File

Appendix A shows a sample Station XML Feed File

5 Using the XML Feed

5.1 Accessing the XML Feeds

5.1.1 All Stations

It's not possible to request all the stations' feed due to the amount of data; browsers and servers normally decline requests with such amount of data; instead it needs to be requested on a TOC by TOC basis or station by station

5.1.2 Stations by Train Operating Company (TOC) Code

The TOC stations XML feeds contain a list of stations for the specified TOC code. The “??” in the following URLs should be replaced by the required TOC two letter code;

Production

<http://internal.nationalrail.co.uk/xml/4.0/stations-??.xml>

Staging

<http://kbstaging.nationalrail.co.uk/xml/4.0/stations-??.xml>

5.1.3 Station by CRS Code

An individual station’s information can be retrieved through the system. The “???” in the following URLs should be replaced by the required CRS three letter code;

Production

<http://internal.nationalrail.co.uk/xml/4.0/station-???.xml>

Staging

<http://kbstaging.nationalrail.co.uk/xml/4.0/station-???.xml>

6 Document Details

6.1 Document Version

Version	Date	Modified by

Appendix A Sample Stations XML File

A.1 Sample Stations XML File

NB: This example is for a single station. As described in section 2, all stations or TOC filtered feeds are enclosed in additional <StationList> root element.

```
<StationV4.0 xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:add="http://www.govtalk.gov.uk/people/AddressAndPersonalDetails" xmlns:com="http://nationalrail.co.uk/xml/common"
xmlns="http://nationalrail.co.uk/xml/station"
xsi:schemaLocation="http://internal.nationalrail.co.uk/xml/XsdSchemas/External/Version4.0/nre-station-v4-0.xsd">
```

```
<ChangeHistory>
```

```
<com:ChangedBy>MBaker</com:ChangedBy>
```

```
<com:LastChangedDate>2020-05-18T00:00:00.000+01:00</com:LastChangedDate>
```

```
</ChangeHistory>
```

```
<CrsCode>KGX</CrsCode>

<AlternativeIdentifiers>

    <NationalLocationCode>612100</NationalLocationCode>

</AlternativeIdentifiers>

<Name>London Kings Cross</Name>

<SixteenCharacterName>LONDON KINGS X</SixteenCharacterName>

<Address>

    <com:PostalAddress>

        <add:A_5LineAddress>

            <add:Line>London Kings Cross station</add:Line>

            <add:Line>Euston Road</add:Line>

            <add:Line>London</add:Line>

            <add:Line>Greater London</add:Line>

            <add:PostCode>N1 9AL</add:PostCode>

        </add:A_5LineAddress>

    </com:PostalAddress>

</Address>

<Longitude>-0.122921342</Longitude>

<Latitude>51.53088842</Latitude>

<StationOperator>NR</StationOperator>

<Staffing>

    <StaffingLevel>fullTime</StaffingLevel>

    <ClosedCircuitTelevision>

        <Available>true</Available>

    </ClosedCircuitTelevision>

</Staffing>

<InformationSystems>

    <InformationAvailableFromStaff>Yes - from information point</InformationAvailableFromStaff>

    <InformationServicesOpen>

        <com:Annotation>

            <com>Note>

                <![CDATA[

The Rail Information Point is located in the centre of the Main Concourse.

]]>

            </com>Note>

        </com:Annotation>

    </InformationServicesOpen>

</InformationSystems>
```

```
</com:Annotation>

</InformationServicesOpen>

<CIS>DepartureScreens</CIS>

<CIS>Announcements</CIS>

<CIS>ArrivalScreens</CIS>

<CustomerHelpPoints>

  <com:Annotation>

    <com>Note>

      <![CDATA[

<p>Customer help points are available at the platforms and at the taxi rank as well as using the rail information point at the
centre of the main concourse.<br></p>

]]>

      </com>Note>

    </com:Annotation>

    <com:Available>true</com:Available>

  </CustomerHelpPoints>

</InformationSystems>

<Fares>

  <TicketOffice>

    <com:Open>

      <com:Annotation>

        <com>Note>

          <![CDATA[

The station will remain open until the last train departs.

]]>

          </com>Note>

        </com:Annotation>

        <com:DayAndTimeAvailability>

          <com:DayTypes>

            <com:MondayToFriday>true</com:MondayToFriday>

          </com:DayTypes>

          <com:OpeningHours>

            <com:OpenPeriod>

              <com:StartTime>05:00:00.000</com:StartTime>

              <com:EndTime>01:36:00.000</com:EndTime>

            </com:OpenPeriod>
```

```
        </com:OpeningHours>
    </com:DayAndTimeAvailability>
    <com:DayAndTimeAvailability>
        <com:DayTypes>
            <com:Saturday>true</com:Saturday>
        </com:DayTypes>
        <com:OpeningHours>
            <com:OpenPeriod>
                <com:StartTime>05:00:00.000</com:StartTime>
                <com:EndTime>00:36:00.000</com:EndTime>
            </com:OpenPeriod>
        </com:OpeningHours>
    </com:DayAndTimeAvailability>
    <com:DayAndTimeAvailability>
        <com:DayTypes>
            <com:Sunday>true</com:Sunday>
        </com:DayTypes>
        <com:OpeningHours>
            <com:OpenPeriod>
                <com:StartTime>05:30:00.000</com:StartTime>
                <com:EndTime>01:36:00.000</com:EndTime>
            </com:OpenPeriod>
        </com:OpeningHours>
    </com:DayAndTimeAvailability>
</com:Open>
<com:Location>
    <com:Note>
        <![CDATA[ In the Main Concourse opposite the shops<br> ]]>
    </com:Note>
</com:Location>
</TicketOffice>
<PrepurchaseCollection>
    <TicketMachine>true</TicketMachine>
</PrepurchaseCollection>
<TicketMachine>
```



```
<Available>true</Available>

</TicketMachine>

<OystercardIssued>false</OystercardIssued>

<OystercardTopup>

    <TicketMachine>true</TicketMachine>

</OystercardTopup>

<UseOystercard>true</UseOystercard>

<OysterComments>

    <com:Note>

        <![CDATA[

Oyster transactions only available from self service ticket machines operated by Great Northern<br />

]]>
```

```
        </com:Note>

    </OysterComments>

    <AlwaysShowOysterCardFields>true</AlwaysShowOysterCardFields>

    <SmartcardIssued>false</SmartcardIssued>

    <SmartcardValidator>false</SmartcardValidator>

    <Travelcard>

        <com:TravelcardZone>Zone 1</com:TravelcardZone>

    </Travelcard>

    <PenaltyFares>

        <TrainOperator>GN</TrainOperator>

    </PenaltyFares>

</Fares>

<PassengerServices>

    <CustomerService>

        <com:Annotation>

            <com:Note>

                <![CDATA[

<p>Help is available at the Rail Information Point in the centre of the Main Concourse.<br></p>

]]>
```

```
                </com:Note>

            </com:Annotation>

        </CustomerService>

    <LeftLuggage>
```

```
<com:ContactDetails>
  <com:PrimaryTelephoneNumber>
    <com:TelNationalNumber>020 3468 4690</com:TelNationalNumber>
  </com:PrimaryTelephoneNumber>
  <com:Url>https://www.left-baggage.co.uk/index/locations</com:Url>
</com:ContactDetails>
<com:Available>true</com:Available>
<com:OperatorName>
  <![CDATA[ Excess Baggage Company ]]>
</com:OperatorName>
</LeftLuggage>
<LostProperty>
  <com:ContactDetails>
    <com:PrimaryTelephoneNumber>
      <com:TelNationalNumber>0330 024 0215</com:TelNationalNumber>
    </com:PrimaryTelephoneNumber>
    <com:Url>https://www.networkrail.co.uk/stations/kings-cross</com:Url>
  </com:ContactDetails>
  <com:Open>
    <com:DayAndTimeAvailability>
      <com:DayTypes>
        <com:MondayToFriday>true</com:MondayToFriday>
      </com:DayTypes>
      <com:OpeningHours>
        <com:OpenPeriod>
          <com:StartTime>09:00:00.000</com:StartTime>
          <com:EndTime>17:30:00.000</com:EndTime>
        </com:OpenPeriod>
      </com:OpeningHours>
    </com:DayAndTimeAvailability>
  </com:Open>
  <com:OperatorName>
    <![CDATA[ Excess Baggage Company ]]>
  </com:OperatorName>
</LostProperty>
```

</PassengerServices>

<StationFacilities>

<FirstClassLounge>

<com:Annotation>

<com>Note>

<![CDATA[

<p>Location: Next to Waitrose
 </p> <p>Tickets Accepted in LNER First Class Lounge:</p> Fully inter-available First Class Season Ticket (i.e. tickets not specific to one train company) Any First Class Anytime ticket valid for travel on the LNER route Any LNER First Class packages First Advance (routed LNER & connections) LNER First Class Reader Offer (routed LNER & connections) LNER First Class Flat Fare (routed LNER & connections) LNER Rewards First Class Leisure Single (routed LNER & connections) LNER Self-Print First Class Upgrade voucher (routed LNER & connections) Inclusive Tour Tickets (eg. Superbreak) Weekend First <p> </p> <p>Assistance dogs and other well behaved dogs on leads will be permitted in all LNER First Class Lounges</p> <p>Facilities: Toilets/TV/Air charge for mobile phones
 Refreshments: Complimentary selection of hot and cold drinks and light snacks available
 Wi-Fi: Yes
 Showers: No</p>

]]>

</com>Note>

</com:Annotation>

<com:Open>

<com:DayAndTimeAvailability>

<com:DayTypes>

<com:MondayToFriday>true</com:MondayToFriday>

</com:DayTypes>

<com:OpeningHours>

<com:OpenPeriod>

<com:StartTime>07:00:00.000</com:StartTime>

<com:EndTime>21:25:00.000</com:EndTime>

</com:OpenPeriod>

</com:OpeningHours>

</com:DayAndTimeAvailability>

<com:DayAndTimeAvailability>

<com:DayTypes>

<com:Saturday>true</com:Saturday>

</com:DayTypes>

<com:OpeningHours>

<com:OpenPeriod>

<com:StartTime>08:00:00.000</com:StartTime>

<com:EndTime>20:15:00.000</com:EndTime>

</com:OpenPeriod>

```
        </com:OpeningHours>
    </com:DayAndTimeAvailability>
    <com:DayAndTimeAvailability>
        <com:DayTypes>
            <com:Sunday>true</com:Sunday>
        </com:DayTypes>
        <com:OpeningHours>
            <com:OpenPeriod>
                <com:StartTime>09:00:00.000</com:StartTime>
                <com:EndTime>20:15:00.000</com:EndTime>
            </com:OpenPeriod>
        </com:OpeningHours>
    </com:DayAndTimeAvailability>
</com:Open>
</FirstClassLounge>
<SeatedArea>
    <com:Available>false</com:Available>
</SeatedArea>
<WaitingRoom>
    <com:Open>
        <com:DayAndTimeAvailability>
            <com:DayTypes>
                <com:MondayToFriday>true</com:MondayToFriday>
            </com:DayTypes>
            <com:OpeningHours>
                <com:OpenPeriod>
                    <com:StartTime>06:00:00.000</com:StartTime>
                    <com:EndTime>23:30:00.000</com:EndTime>
                </com:OpenPeriod>
            </com:OpeningHours>
        </com:DayAndTimeAvailability>
        <com:DayAndTimeAvailability>
            <com:DayTypes>
                <com:Saturday>true</com:Saturday>
            </com:DayTypes>
```

```
<com:OpeningHours>
  <com:OpenPeriod>
    <com:StartTime>06:00:00.000</com:StartTime>
    <com:EndTime>22:30:00.000</com:EndTime>
  </com:OpenPeriod>
</com:OpeningHours>
</com:DayAndTimeAvailability>
<com:DayAndTimeAvailability>
  <com:DayTypes>
    <com:Sunday>true</com:Sunday>
  </com:DayTypes>
  <com:OpeningHours>
    <com:OpenPeriod>
      <com:StartTime>07:45:00.000</com:StartTime>
      <com:EndTime>23:30:00.000</com:EndTime>
    </com:OpenPeriod>
  </com:OpeningHours>
</com:DayAndTimeAvailability>
</com:Open>
</WaitingRoom>
<Trolleys>
  <com:Available>true</com:Available>
</Trolleys>
<StationBuffet>
  <com:Available>true</com:Available>
</StationBuffet>
<Toilets>
  <com:Available>true</com:Available>
  <com:Location>
    <com:Note>
      <![CDATA[
The toilets including accessible toilets are located next to platform 9. There also toilets on the Mezzanine Level.<br>
]]>
    </com:Note>
  </com:Location>
```

```
</Toilets>

<BabyChange>

    <com:Available>true</com:Available>

</BabyChange>

<Showers>

    <com:Available>true</com:Available>

</Showers>

<Telephones>

    <com:Exists>true</com:Exists>

    <com:UsageType>CardsAndCoins</com:UsageType>

</Telephones>

<WiFi>

    <com:Annotation>

        <com:Note>

            <![CDATA[

<a href="http://www.btwifi.co.uk/find/">Find WiFi Hotspots around London Kings Cross station</a>

]]>

                </com:Note>

            </com:Annotation>

            <com:Available>true</com:Available>

        </WiFi>

<WebKiosk>

    <com:Available>false</com:Available>

</WebKiosk>

<PostBox>

    <com:Available>false</com:Available>

</PostBox>

<TouristInformation>

    <com:Available>false</com:Available>

</TouristInformation>

<AtmMachine>

    <com:Available>true</com:Available>

</AtmMachine>

<BureauDeChange>

    <com:Available>true</com:Available>
```

</BureauDeChange>

<Shops>

<com:Annotation>

<com>Note>

<![CDATA[

Cafes, bars, kiosks, restaurants, delicatessens, confectioners, groceries, food and drink to eat in or take away. clothes, stationery, flowers, photo processing, mobile phones, bureau de change, shoe repairs, key cutting, Pharmacy and prescriptions, optician, fitness, health and beauty services.

]]>

</com>Note>

</com:Annotation>

<com:Available>true</com:Available>

</Shops>

</StationFacilities>

<Accessibility>

<Helpline>

<com:Annotation>

<com>Note>

<![CDATA[

<p>It is preferred if assistance is booked 24hours in advance please by using the following numbers of your relevant train operator:</p> <p>London North Eastern Railway - 03457 225 225 [Option 3 then Option 4] textphone 0800 975 1052 or you can email assisted.travel@virgintraineastcoast.com. Monday - Saturday 08:00-20:00, Sunday 10:00-20:00 </p> <p>Hull Trains - FREEPHONE 0800 316 1323</p> <p>Grand Central - 08440 8110 072 </p> <p>Great Northern - 0800 058 2844</p> <p>Help is available at the Rail Information Point in the centre of the Main Concourse. Disability assistance is available to and from platforms, the car park and the taxi rank. You can request this from the Kings Cross Information Point in the centre of the Main Concourse, station help points or from any member of staff.</p>

]]>

</com>Note>

</com:Annotation>

</Helpline>

<StaffHelpAvailable>

<com:Annotation>

<com>Note>

<![CDATA[

<p>Help is available at the Rail Information Point in the centre of the concourse, station help points or from any member of staff.</p> <p>Disability assistance is available to and from platforms, the car park and the taxi rank. You can request this from the Kings Cross Information Point in the centre of the Main Concourse, station help points or from any member of staff. </p> <p>It is preferred if disabled assistance is booked 24hours in advance by using the following numbers of your relevant train operator:</p> <p>London North Eastern Railway - 03457 225 225 [Option 3 then Option 4] textphone 0800 975 1052 or you can complete the web form at www.lner.co.uk/customer-service/contact-us/assisted-travel Open Monday - Saturday 08:00-20:00, Sunday 10:00-20:00 </p> <p>Hull Trains - FREEPHONE 0800 316 1323</p> <p>Grand Central - 08440 8110 072 </p> <p>Great Northern - 0800 0582 844</p>

]]>

```
</com:Note>

</com:Annotation>

<com:Open>

  <com:DayAndTimeAvailability>

    <com:DayTypes>

      <com:MondayToFriday>true</com:MondayToFriday>

    </com:DayTypes>

    <com:OpeningHours>

      <com:OpenPeriod>

        <com:StartTime>05:00:00.000</com:StartTime>

        <com:EndTime>01:36:00.000</com:EndTime>

      </com:OpenPeriod>

    </com:OpeningHours>

  </com:DayAndTimeAvailability>

  <com:DayAndTimeAvailability>

    <com:DayTypes>

      <com:Saturday>true</com:Saturday>

    </com:DayTypes>

    <com:OpeningHours>

      <com:OpenPeriod>

        <com:StartTime>05:00:00.000</com:StartTime>

        <com:EndTime>00:36:00.000</com:EndTime>

      </com:OpenPeriod>

    </com:OpeningHours>

  </com:DayAndTimeAvailability>

  <com:DayAndTimeAvailability>

    <com:DayTypes>

      <com:Sunday>true</com:Sunday>

    </com:DayTypes>

    <com:OpeningHours>

      <com:OpenPeriod>

        <com:StartTime>05:30:00.000</com:StartTime>

        <com:EndTime>01:36:00.000</com:EndTime>

      </com:OpenPeriod>

    </com:OpeningHours>

  </com:DayAndTimeAvailability>

</com:Open>
```


</com:DayAndTimeAvailability>

</com:Open>

</StaffHelpAvailable>

<InductionLoop>true</InductionLoop>

<AccessibleTicketMachines>

<com:Annotation>

<com>Note>

<![CDATA[

<p>One London North Eastern Railway machine inside the travel centre and one London North Eastern Railway machine outside the travel centre and are DDA compliant. There is a lowered ticket machine at this station.</p>

]]>

</com>Note>

</com:Annotation>

<com:Available>true</com:Available>

</AccessibleTicketMachines>

<HeightAdjustedTicketOfficeCounter>

<com:Available>>false</com:Available>

</HeightAdjustedTicketOfficeCounter>

<RampForTrainAccess>

<com:Available>true</com:Available>

</RampForTrainAccess>

<AccessibleTaxis>

<com:Annotation>

<com>Note>

<![CDATA[

<p>Accessible taxis are located at the taxi rank situated on Pancras Road just outside of the station. The taxi rank is located outside the station on Pancras Road. There is a help point at the taxi rank that can be used to request disability assistance. All London Black Cabs can accommodate wheelchair passengers without wheelchair users having to leave their wheelchair.
</p>

]]>

</com>Note>

</com:Annotation>

</AccessibleTaxis>

<AccessiblePublicTelephones>

<com:Annotation>

<com>Note>

<![CDATA[

Public telephones are available near the Euston Road entrance of the station.

]]>

</com:Note>

</com:Annotation>

</AccessiblePublicTelephones>

<NationalKeyToilets>

<com:Available>true</com:Available>

<com:Location>

<com:Note>

<![CDATA[

<p>Accessible toilets are located next to platform 9 and can be operated by a radar key.
</p>

]]>

</com:Note>

</com:Location>

</NationalKeyToilets>

<StepFreeAccess>

<com:Annotation>

<com:Note>

<![CDATA[

<p>There is level access to all platforms. Lifts provided between concourse & Mezzanine and London Underground ticket hall.
 </p>

]]>

</com:Note>

</com:Annotation>

<Coverage>wholeStation</Coverage>

</StepFreeAccess>

<TicketGates>

<com:Annotation>

<com:Note>

<![CDATA[

Yes there are ticket gates to all platforms. All platforms can be accessed by wide ticket gates.

]]>

</com:Note>

</com:Annotation>

<com:Available>true</com:Available>

</TicketGates>

```
<ImpairedMobilitySetDown>
  <com:Annotation>
    <com>Note>
      <![CDATA[
<p>There are 3 disabled spaces with 1 hour parking outside Kings Cross station on Pancras road. There is a help point here
that can be used to request disability assistance from these spaces.</p> <p>There is a Disabled Meeting Point on the station
concourse (near the Customer Information desk) where disabled passengers coming into the station can be picked up.</p>
]]>

      </com>Note>
    </com:Annotation>
    <com:Available>true</com:Available>
  </ImpairedMobilitySetDown>
  <WheelchairsAvailable>
    <com:Available>true</com:Available>
  </WheelchairsAvailable>
</Accessibility>
<Interchange>
  <CycleStorage>
    <Spaces>204</Spaces>
    <Sheltered>Yes</Sheltered>
    <Cctv>true</Cctv>
    <Location>
      <com>Note>
        <![CDATA[ <span>Platforms 1, 8 & 9<br> </span> ]]>
      </com>Note>
    </Location>
    <Annotation>
      <com>Note>
        <![CDATA[ <p><br/></p> ]]>
      </com>Note>
    </Annotation>
    <Type>Stands</Type>
  </CycleStorage>
  <CarPark>
    <com:ContactDetails>
      <com:Annotation>
```

<com:Note>

<![CDATA[

<p>Car set down / Pick up</p> <p>Cars can pick-up and set down on Pancras Road. You cannot leave your vehicle unattended.</p> <p>Sat-nav postcode: N1C 4TB
 </p> <p>Pancras Road is one-way and can only be accessed from Euston Road.</p> <p>Car Park</p> <p>The car park is behind St Pancras International station on Pancras Road, which runs between London King's Cross and London St Pancras International stations.</p> <p>Parking charges</p>

]]>

</com:Note>

</com:Annotation>

<com:PrimaryTelephoneNumber>

<com:TelNationalNumber>0207 431 4001</com:TelNationalNumber>

</com:PrimaryTelephoneNumber>

<com:PostalAddress>

<add:Line>--</add:Line>

<add:Line>--</add:Line>

</com:PostalAddress>

<com:EmailAddress>info@cp-plus.co.uk</com:EmailAddress>

<com:Url>https://www.nationalrail.co.uk/</com:Url>

</com:ContactDetails>

<com:Open>

<com:DayAndTimeAvailability>

<com:DayTypes>

<com:MondayToFriday>true</com:MondayToFriday>

</com:DayTypes>

<com:OpeningHours>

<com:OpenPeriod>

<com:StartTime>05:00:00.000</com:StartTime>

<com:EndTime>01:36:00.000</com:EndTime>

</com:OpenPeriod>

</com:OpeningHours>

</com:DayAndTimeAvailability>

<com:DayAndTimeAvailability>

<com:DayTypes>

<com:Saturday>true</com:Saturday>

</com:DayTypes>

<com:OpeningHours>

```
<com:OpenPeriod>
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    <com:EndTime>01:11:00.000</com:EndTime>
</com:OpenPeriod>
</com:OpeningHours>
</com:DayAndTimeAvailability>
<com:DayAndTimeAvailability>
    <com:DayTypes>
        <com:Sunday>true</com:Sunday>
    </com:DayTypes>
    <com:OpeningHours>
        <com:OpenPeriod>
            <com:StartTime>05:00:00.000</com:StartTime>
            <com:EndTime>01:36:00.000</com:EndTime>
        </com:OpenPeriod>
    </com:OpeningHours>
</com:DayAndTimeAvailability>
</com:Open>
<com:OperatorName>
    <![CDATA[ CP Plus ]]>
</com:OperatorName>
<Name>
    <![CDATA[ Station Car Park ]]>
</Name>
<Spaces>322</Spaces>
<Charges>
    <Off-peak>N/A</Off-peak>
    <PerHour>N/A</PerHour>
    <Daily>N/A</Daily>
    <Weekly>N/A</Weekly>
    <Monthly>N/A</Monthly>
    <ThreeMonthly>N/A</ThreeMonthly>
    <SixMonthly>N/A</SixMonthly>
    <Annual>N/A</Annual>
    <Saturday>N/A</Saturday>
```

```
<Sunday>N/A</Sunday>

</Charges>

<NumberAccessibleSpaces>12</NumberAccessibleSpaces>

<AccessibleCarParkEquipment>true</AccessibleCarParkEquipment>

<Cctv>false</Cctv>

</CarPark>

<TaxiRank>

  <com:Annotation>

    <com>Note>

      <![CDATA[

<p>The taxi rank is situated on Pancras Road just outside of the station.</p>

]]>

      </com>Note>

    </com:Annotation>

  </TaxiRank>

  <OnwardTravel>

    <com:Annotation>

      <com>Note>

        <![CDATA[

<p>There are bus stops in streets surrounding the station on Euston Rd and York Way. All Transport for London buses are accessible by step free access</p> <p>More information about Transport for London buses can be found <a href="http://www.tfl.gov.uk/modes/buses/?cid=fs013">here </a></p> <p><a href="http://www.tfl.gov.uk/modes/buses/?cid=fs013"></a></p> All Transport for London bus routes are served by low-floor vehicles, with a dedicated wheelchair space and an access ramp. They can also 'kneel' to reduce the step-up from the pavement. More info can be found on Transport for London's website <a href="https://www.tfl.gov.uk/transport-accessibility/wheelchair-access-and-avoiding-stairs ">here</a> <br /> <p></p>

]]>

        </com>Note>

      </com:Annotation>

    </OnwardTravel>

    <MetroServices>

      <com:Annotation>

        <com>Note>

          <![CDATA[ <p>N/A</p> ]]>

        </com>Note>

      </com:Annotation>

    </MetroServices>

  </Airport>
```

```
<com:Annotation>
  <com>Note>
    <![CDATA[ <p>Connections from LUL available</p> ]]>
  </com>Note>
</com:Annotation>
</Airport>
</Interchange>
<TrainOperatingCompanies>
  <TocRef>NR</TocRef>
</TrainOperatingCompanies>
</StationV4.0>
```