TSS API Reference

How-to Guide

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HM Revenue & Customs

Contents

1. Background 4
2. Purpose 4
3. Scope 4
4. Document structure 4
5. Related documents 5
6. Intended audience 6
7. Future changes to the API and this document 6
8. Process for requesting access 6
9. Protocols and authorisation 7
   9.1. Protocol details 7
   9.2. Time zones 7
10. URL details 8
   10.1. Environments 8
   10.2. Resources 9
11. Payload information 11
   11.1. Explanation of table columns 11
   11.2. Declaration header (create, update) 12
   11.3. Declaration header (cancel) 17
   11.4. Consignment (create, update) 18
   11.5. Declaration header (read) 26
   11.6. Consignment (submit, cancel) 28
   11.7. Consignment (read) 29
   11.8. Goods Item (create, update) 31
   11.9. Goods item (delete) 47
   11.10. Goods item (lookup) 47
   11.11. Goods item (read) 50
   11.12. Simplified Frontier Declaration header (create/update) 52
   11.13. Simplified Frontier Declaration header (cancel) 55

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11.14. Simplified Frontier Declaration header (read) 56
11.15. Simplified frontier declaration (lookup) 58
11.16. Simplified frontier declaration (read, filter) 60
11.17. Simplified frontier declaration (update) 63
11.18. Simplified frontier declaration (create) 69
11.19. Simplified frontier declaration (submit) 75
11.20. Supplementary declaration (lookup) 76
11.21. Supplementary declaration (read, filter) 77
11.22. Supplementary declaration standalone (create/update) 81
11.23. Supplementary declaration standalone (cancel) 85
11.24. Supplementary declaration (create) 87
11.25. Supplementary declaration (update) 88
11.26. Supplementary declaration (submit) 95
11.27. Supplementary declaration (recall) 95
11.28. Supplementary declaration, goods item duty lines (read) 96
11.29. Full frontier declaration (create, update) 100
11.30. Full frontier declaration (read) 109
11.31. Full frontier declaration (submit) 111
11.32. Maritime Inventory Claim (create, update) 112
11.33. Maritime Inventory Claim (submit, cancel) 114
11.34. Maritime Inventory Claim (read) 115
11.35. Agent relationships 117
11.36. Agent actAs 119
11.37. Goods Vehicle Movement Service (GVMS) (Create) 120
11.38. Goods Vehicle Movement Service (GVMS) (Update) 122
11.39. Goods Vehicle Movement Service (GVMS) (Submit) 124
11.40. Goods Vehicle Movement Service (GVMS) (Read) 125
11.41. Goods Vehicle Movement Service (GVMS) (Cancel) 127
11.42. Internal Market Movement Standalone (create, update) 128
11.43. Internal Market Movement (submit, cancel) 134
11.44. Internal Market Movement (read, filter) 135

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11.45. Internal Market Movement ENS Consignment (create, update) 139
11.46. Internal Market Movement Goods Item (create, update) 147
11.47. Internal Market Movement (lookup) 152
11.48. Internal Market Movement – H1 to H8 (reclassify) 153
11.49. Internal Market Movement – H8 to H1 (reclassify) 155
11.50. Permission Grant 156
12. Error handling 158
12.1. API error handling 158
13. Downloading field choices 159
13.1. Overview 159
13.2. Endpoint details 159
13.3. Example request 163
13.4. Example response 164
14. Document control sheet 165

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1. Background

The Trader Support Service (TSS) has been set up to support businesses affected by the Northern Ireland Protocol, including submitting Entry summary declarations (ENS) and customs declarations (such as simplified frontier declarations (SFD) and supplementary declarations) to HMRC systems. TSS released an API upload facility to make the process for submitting large numbers of line items and declarations easier for traders. The initial API release allowed the creation and submission of ENS declarations only. The updated API facility will now also allow reading and updating of these plus SFDs and supplementary declarations. Future releases will continue to add functionality to align with the portal functionality.

2. Purpose

The purpose of this document is to give those interested in using the API visibility of its details. It is provided to allow you to design and begin development or customisation of your systems to use the API.

3. Scope

The scope of this document is limited to the functionality and definition of the external Upload API. The API is provided as is and is not available for change. The document describes how the API should be used but not how it functions internally nor how you should configure your system(s) in order to use it.

4. Document structure

The document is broken down into various sections which provide information about the API including such items as credential requirements, endpoints, and different functional calls that can be made to the API. The endpoints provided will be for both a test environment and the production system when authorisation to use this is given.

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5. Related documents

The following documents should be referred to for further clarification.

Title	URL
Introduction to the Trader Support Service	A Beginner's Guide for importing goods to Northern Ireland - Northern Ireland Customs and Trade Academy
Registering Your Business	Registering Your Business - Northern Ireland Customs and Trade Academy
Declaration data requirements: ENS Safety & Security declarations	Data guide: TSS declaration data requirements - Northern Ireland Customs and Trade Academy
Supplementary declarations: Step-by-step guide	Supplementary declarations: Step-by-step guide - Northern Ireland Customs and Trade Academy
Simplified Processes for Internal Market Movements	Simplified processes for Internal Market Movements - Introduction Guide - Northern Ireland Customs and Trade Academy
Internal Market Movement Information (IMMI) Data Guide	Internal Market Movement Information (IMMI) Data Guide - Northern Ireland Customs and Trade Academy
Internal Market Movement Information (IMMI) Procedures and Additional Procedure codes Guide	Internal Market Movement Information (IMMI) Procedures and Additional Procedure codes guide - Northern Ireland Customs and Trade Academy
Trader Goods Profile (TGP) Guide	Trader Goods Profile (TGP) Guide - Northern Ireland Customs and Trade Academy
TGP and UKIMS authorisation and permissions Guide	TGP and UKIMS authorisation and permissions guide - Northern Ireland Customs and Trade Academy
API Functional Guide	API: Functional Guide - Northern Ireland Customs and Trade Academy

An online version of this document, in order to obtain the latest version, can be found at

TSS declarations: API Reference Guide - Northern Ireland Customs and Trade Academy

Note: Please check back regularly for updates to this document as minor releases, which might still contain field changes will not be emailed out and may affect the success of your payloads.

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6. Intended audience

This document is intended to be read by both process and technical staff belonging to interested organisations.

Organisations interested in using this API can register for access via their Company Profile in the TSS portal. Organisations will be kept informed of major updates to this document and any other developments related to the API, however, please check regularly online for updates to this document.

7. Future changes to the API and this document

As this API reflects an upload capability that mirrors the TSS portal, changes to this document will be required if and when the portal changes.

Any changes will be version controlled and major changes communicated to businesses which have registered for the API upload facility.

Where possible API functionality will be increased and not removed, though on occasions, where functionality in the portal changes significantly then this may not be possible. Traders will be given as much notice as possible to allow for changes to the API to be incorporated. These will generally be notified by early release of this document and then the API functionality being deployed to the TEST instance before finally being released to Production 1 to 2 weeks later.

8. Process for requesting access

API management is available in the Company Profile section of the TSS portal. Here you are able to register for test API access. This will generate a set of API credentials in our test environment and give your company's primary contact access to the TSS test portal with their existing login details, allowing you to submit data via the API and then have the primary contact check the submissions via the TSS test portal. Any further contacts can register for the test environment via the Additional User Registration process on the TSS test portal landing page.

Although the tsstestenv environment is mainly intended for developing and testing the API message and payloads, it is also integrated to the HMRC CDS Trader Dress Rehearsal environment to allow some testing of declaration data as well. Please note that although the test environment mimics production TSS as closely as possible, outbound email is disabled in order to prevent test emails confusing traders' production operations.

Once you are satisfied with your testing, you can then register for the production API from the Company Profile section of the TSS portal, the same place you registered for test.

API management within Company Profile will also allow you to change the password of the API account in the appropriate environment.

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9. Protocols and authorisation

9.1. Protocol details

The API uses an https based REST protocol and thus a JSON structure for the payload.

Authentication is via Basic Authentication with a Username and Password provided during the requesting process defined above. This should be included in the header as Authorization. An example is given below, the username:password must be encoded with Base64 and be prefixed with “Basic “.

Credentials required for API calls will have a structure similar to ***API.TSS0010026***.

The http header should have the following set, you must change the Authorization header to suit your credentials.

Accept	application/json
Content-Type	application/json
Request	application/json
Authorization	Basic ZXhhbXBsZVVzZXI6ZXhhbXBsZVBhc3N3b3Jk

Both the POST and GET methods are available for use in different circumstances. The POST is used when data is being sent into the system either for example to create a new record or to update an existing one. The GET method is used if you require to retrieve some information back such as the details of an existing record or to update your list of available choices for various fields.

Within each section it will describe whether POST or GET are available and how to use them in each case.

Attachments are not permitted and will be ignored but may cause the transaction to be rejected.

9.2. Time zones

Please note that for date and time fields listed in the sections below, such as ‘arrival_date_time’, as a computer-to-computer interface, TSS API considers time in Coordinated Universal Time (UTC) standard. However, this may differ from what is displayed in the portal based on the time zone that applies (GMT or BST). Specifically, times during BST entered in the API will be displayed with a one-hour increment on the portal due to the difference between UTC and BST.

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10. URL details

The URLs for the various declaration API call details are shown below.

10.1. Environments

When building up the content of URLs, the instance details are as per the table below.

Where *<instance_name>* is mentioned in any of the examples in this document, replace this with the instance name for the environment you wish to access.

Environment	Instance name	Usage
TEST	api.tsstestenv.co.uk	To be used when approval has been granted to send test data to the declaration import API
PROD	api.tradersupportservice.co.uk	To be used ONLY when final approval has been given and after the agreed go-live date for sending live submissions via the declaration import API

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10.2. Resources

A suite of API resource calls have been created in order to provide functionality to access the various aspects and records in the TSS environment. Some of these calls use the POST method and some use GET, please read each one for details. Generally you will need to supply all the fields for an update operation that you would provide for a create operation, even if they have not changed. This is to ensure the correct level of validation can be performed.

The URL structure to use is as follows:

https://*<instance_name>*/api/x_fhmrc_tss_api/v1/tss_api/*<resource>*?*<parameters>*

Where:

<instance_name>	will be according to the table above entitled “Environments”
<resource>	will be the resource column for the API call required from the table below
<parameters>	some resources may require parameters, read the Resource Definitions section below for each resource and method used

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API call	Resource	Usage
Declaration Header	headers	To create, update, cancel or read a Declaration Header
Consignment	consignments	To create, update, cancel, read or submit a Consignment
Goods Item	goods	To create, update, delete or read a Goods Item either ENS, SFD or Supplementary Declaration related
Simplified frontier declaration header	sfd_headers	To create, update, cancel or read a simplified frontier declaration header.
Simplified frontier declaration (SFD)	simplified_frontier_declarations	To lookup, update, read or create a simplified frontier declaration number
Supplementary declaration (SDI)	supplementary_declarations	To lookup, update or read a supplementary declaration To create/update or cancel a standalone supplementary declaration
Full Frontier Declaration (FFD)	full_frontier_declarations	To lookup, update or read a full frontier declaration number
Maritime Inventory Claim	inventory_claim	To create an inventory claim record
Agent Relationships	agent_relationships	Shows customer accounts and details for authorised agents
GVMS GMR	gvms_gmr	To create, update, cancel, read or submit a GVMS GMR
Internal Market Movement	internal_market_movement	To create, update, cancel, read or submit a internal market movement
Permission Grant	permission_grant	Shows permission and access for provided Importer EORI
Reclassify (H1-H8)	supplementary_declarations	Reclassify supplementary declaration to IMMI supplementary declaration.
Reclassify (H8-H1)	internal_market_movement	Revert IMMI supplementary declaration to red lane supplementary declaration.

Note, for some of the API calls, especially the GET functions to read back records, there will be additional parameters that may be mandatory to be supplied. Please read each API call section for the full details.

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11. Payload information

11.1. Explanation of table columns

- Field Name – this is the system field name to be used in the JSON payload.
  - Please refer to the data guidance via the URLs at the top of this document for more detailed information on the use and meaning of the fields. The names of the fields in the guidance documents represent the labels of the fields that you will see on the TSS portal user interface. The field names and labels are in many cases the same or very similar.
- Format – this describes field validation that will be applied. Your data should conform to the validation requirements.
- Mandatory – whether the field is mandatory or not. In some cases the field is mandatory if another field contains a specific value. So some attention needs to be given to the conditions under which a field is mandatory or not. If a field is set to “Not available” then this field should not be used in this case. For some payloads such as goods items there may be more than one mandatory column and it depends on whether the goods items are for ENS, SFD or supplementary declaration.
- Usage – a simple usage or meaning of the field if not self explanatory. Where the field is a choice field then there is an indication of this with a pointer to the location of the choice field data.
  - Please refer to the data guidance via the URLs at the top of this document for more detailed information on the use and meaning of the fields. The names of the fields in the guidance documents represent the labels of the fields that you will see on the TSS portal user interface. The field names and labels are in many cases the same or very similar.
- **Note**. If a payload field that is either not mentioned or not available for that resource is received, it and its content will be ignored, no error will be produced for this. If the rest of the payload is supplied and is correct then the payload will be processed.

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11.2. Declaration header (create, update)

In order to create a new or update an existing declaration header a POST method must be sent. The content of the data payload should be in the following format. The mandatory status applies to both create and update, however, all fields you require populated must be sent for an update. This means if you leave an optional field empty it will be blanked or set back to the systems default value. If you wish to empty an optional field then leave it blank, if you need it to stay the same then send the existing value. Updates can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If an update is not allowed then an error will be returned.

Note: When sending an update for a header that has already progressed to 'Authorised for Movement', you must still provide all fields in the data payload as normal. However, the only field that will be amended is 'identity_no_of_transport'.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "create" or "update"	Yes	This will be used to indicate the type of transaction being sent. See mandatory requirements to check which fields are required for each op_type.
declaration_number	String (40)	No – create Yes – update	The reference number of the Declaration Header previous supplied.
movement_type	String (40)	Yes	Download a list of available choices as per Section 13 Note: The "movement_type" will be mapped as follows on succeeding SFDs or Supplementary Declarations created upon authorisation: • 'RoRo Unaccompanied' (1a) will be set to 'RoRo Accompanied/unaccompanied' (3) • 'RoRo Accompanied' (3a) will be set to 'RoRo Accompanied/unaccompanied' (3)
type_of_passive_transport	String (40)	No Yes, If movement_type is 'RoRo Accompanied' (3a)	See mandatory requirements. Download a list of available choices as per Section 13
identity_no_of_transport	String (27) If movement_type is "Maritime", then the format should be "IMO" + <7digit numeric>	Yes	The identity number of the transport

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	If movement_type is “RoRo Unaccompanied” or “RoRo Accompanied” , then the format should be "IMO" + <7 digit numeric>#<4 to 16 character alphanumeric>(minimum 4 alphanumeric characters)		
nationality_of_transport	Alpha (2)	Yes	See mandatory requirements. Download a list of available choices as per Section 13
conveyance_ref	String (35) if movement_type is Air, conveyance ref has a limit of 8 chars	No Yes if “Air” is selected as movement_type and should be the IATA number	Identification of the journey of the means of transport for example voyage, flight or trip number.
arrival_date_time	Date/Time (UTC) dd/mm/yyyy hh:mm:ss	Yes	Date and time of arrival. Cannot be in the past. Must be after 01/01/2021 00:00:00 and cannot be more than 14 days in the future.
arrival_port	String(200)	Yes	Download a list of available choices as per Section 13
place_of_loading	String(33)	Yes	Place(s) where goods will be loaded. Note: Regex validation is in place to prevent the use of invalid characters if the “movement_type” is “Maritime”, “RoRo Unaccompanied” or “RoRo Accompanied”.
place_of_unloading	String(33)	Yes	Place(s) where unloading will occur. Note: Regex validation is in place to prevent the use of invalid characters if the “movement_type” is “Maritime”, “RoRo Unaccompanied” or “RoRo Accompanied”.
place_of_acceptance_same_as_loading	yes/no	Yes if ‘movement_type’ is ‘RoRo Accompanied’	Used to indicate if the place of acceptance is the same as the place of loading.
place_of_acceptance	String(33)	Yes if ‘movement_type’ is ‘RoRo Accompanied’ and ‘place_of_acceptance_same_as_loading’	Place(s) where acceptance will occur.

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		is not 'yes'	
place_of_delivery_same_as_unloading	yes/no	Yes if 'movement_type' is 'RoRo Accompanied'	Used to indicate if the place of delivery is the same as the place of unloading.
place_of_delivery	String(33)	Yes if 'movement_type' is 'RoRo Accompanied' and 'place_of_delivery_same_as_unloading' is not 'yes'	Place(s) where delivery will occur.
seal_number	String(20)	No	The identification numbers of the seals affixed to the transport equipment
route	String(20)	No	Read only. The Route will be set automatically based on the Arrival Port provided.
transport_charges	String(40)	Yes	Download a list of available choices as per Section 13
carrier_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes	Carrier EORI. GB EORIs are not accepted, use the XI version instead. The following address fields are not required if using an XI carrier EORI and the movement type is not "Maritime" or "RoRo Unaccompaned".
carrier_name	String(35)	Yes, if movement_type is "Maritime", "RoRo Unaccompaned" or "RoRo Accompanied"	Carrier name
carrier_street_number	String(35)		Carrier street and number
carrier_city	String(35)		Carrier city
carrier_postcode	String(9)		Carrier postcode
carrier_country	Alpha (2)		Download a list of available choices as per Section 13
haulier_eori	String (200)	No	Haulier EORI if different from carrier

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An example declaration header record payload (for a create) might look like the following:

```
{
   "op_type": "create",
   "declaration_number": "",
   "movement_type": "1a",
   "identity_no_of_transport": "IMO1234567#A1234567",
   "nationality_of_transport": "GB",
   "conveyance_ref": "",
   "arrival_date_time": "25/06/2025 11:00:00",
   "arrival_port": "GBAUBELBELBEL",
   "place_of_loading": "Birkenhead",
   "place_of_acceptance_same_as_loading": "yes",
   "place_of_acceptance": "",
   "place_of_unloading": "Belfast",
   "place_of_delivery_same_as_unloading": "yes",
    "place_of_delivery": "",
   "seal_number": "s123456",
   "route": "gb-ni",
   "transport_charges": "Y",
   "carrier_eori": "XI000012340005",
   "carrier_name": "Goods By Goods",
   "carrier_street_number": "10",
   "carrier_city": "London",
   "carrier_postcode": "N1 8LN",
   "carrier_country": "gb",
   "haulier_eori": ""
}
```

A successful insert of a declaration header will return a payload similar to the below:

```
{"result": {
    "status": "created",
    "process_message": "SUCCESS”,
    "reference": "ENS000000000001152"
}}
```


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The fields in the response payload to check are:

a) The *status* says “created” or “updated”
b) The *process_message* says “SUCCESS”
c) The *reference* will hold the number of the declaration header that was either created or updated. This can then be used when creating consignments.

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11.3. Declaration header (cancel)

In order to cancel an existing declaration header a POST method must be sent. The content of the data payload should be in the following format. A cancel can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If a cancel is not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "cancel"	Yes	This will be used to indicate the type of transaction being sent
declaration_number	String (40)	Yes	The reference number of the Declaration

An example header payload might look like the following:

```
{
"op_type":"cancel",
"declaration_number":"ENS000000000001152"
}
```

A successful cancel of a declaration header will return a payload similar to the below:

```
{"result": {
    "status": "cancelled",
    "process_message": "SUCCESS",
    "reference": "ENS000000000001152"
}}
```

The fields in the response payload to check are:

a) The *status* says "updated"
b) The *process_message* says "SUCCESS"
c) The *reference* will hold the number of the declaration header that was cancelled.

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11.4. Consignment (create, update)

In order to add a consignment to an existing registered declaration header or update an existing consignment that you have created a POST method must be used and the following data payload must be sent. The mandatory status applies to both create and update, though, all fields you require populated must be sent for an update. This means if you leave an optional field empty it will be blanked or set back to the systems default value. If you wish to empty an optional field then leave it blank, if you need it to stay the same then send the existing value. Updates can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If an update is not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be create or update	Yes	This will be used to indicate the type of transaction being sent. See mandatory requirements to check which fields are required for each op_type.
declaration_number	String (40)	Yes - create No - update	The previous supplied number of the declaration that this consignment belongs to. This must be blank for an update.
consignment_number	String (40)	No - create Yes - update	The number of the consignment you wish to update
no_sfd_reason	String (4)	Yes If an unregistered Importer EORI is provided or if the Importer is SCDP Restricted	Only available for “create” allows the opting out of SFD creation. Download a list of available choices as per Section 13
goods_description	String(254)	Yes	A description of the goods that will be in this consignment
trader_reference	String(100)	No	Available for information which is passed between ENS, SFD and supplementary declarations
transport_document_number	String (35)	Yes	The transport document number Note: Regex validation is in place to prevent the use of invalid characters if the header movement type is “Maritime”, “RoRo Unaccompanied” or “RoRo Accompanied”.
controlled_goods	yes/no	Yes	Set to “yes” if this Consignment contains controlled goods or “no” if it does not.
goods_domestic_status	String(1)	Yes If controlled goods is true	Download a list of available choices as per Section 13
destination_country	Alpha(2)	No	Download a list of available choices as per Section 13

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supervising_customs_office	String(8)	No Optional if controlled goods is true	Required if declaration_choice is 'H2', 'H3' or 'H4' Download a list of available choices as per Section 13
customs_warehouse_identifier	String(18)	No Optional if controlled goods is true	Identifier for the customs warehouse Required if declaration_choice is 'H2'
ducr	String(35)	No	Declaration Unique Consignment Reference
consignor_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes If EORI is not supplied then the following consignor fields are ALL mandatory	GB EORIs are not accepted, use the XI version instead. European EORIs are accepted If EORI is not supplied, then the following consignor fields are ALL mandatory
consignor_name	String(35)	Yes if EORI is not known OR If the header movement type is "Maritime", "RoRo Unaccompanied" or "RoRo Accompanied" and the conditions listed are met (see usage)	The newly added company profile setting "Auto accept XI EORI address" is set to "True" by default. Where set to "True," if TSS detects that the EORI provided is invalid, then if this and other name and address fields are provided, they will be used instead; if not provided and the EORI is related to a TSS registered trader, the name and address field values for that trader will be taken from their company profile. If TSS detects that the EORI provided is invalid, is not related to a TSS registered trader and the name and address fields values are not provided then an error will be returned. If "Auto accept XI EORI address" is set to "False," and you have not provided the EORI then name and address fields MUST be supplied. Download a list of available choices as per Section 13 (consignor_country)
consignor_street_number	String(35)		
consignor_city	String(35)		
consignor_postcode	String(9)		
consignor_country	Alpha (2)		
consignee_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes If EORI is not supplied then the following consignee fields are ALL mandatory	GB EORIs are not accepted, use the XI version instead. European EORIs are accepted If EORI is not supplied, then the following consignee fields are ALL mandatory
consignee_name	String(35)		

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consignee_street_number	String(35)	Yes if EORI is not known OR If the header movement type is “Maritime”, “RoRo Unaccompanied” or “RoRo Accompanied” and the conditions listed are met (see usage)	The newly added company profile setting "Auto accept XI EORI address" is set to "True" by default. Where set to "True," if TSS detects that the EORI provided is invalid, then if this and other name and address fields are provided, they will be used instead; if not provided and the EORI is related to a TSS registered trader, the name and address field values for that trader will be taken from their company profile. If TSS detects that the EORI provided is invalid, is not related to a TSS registered trader and the name and address fields values are not provided then an error will be returned. If "Auto accept XI EORI address" is set to "False," and you have not provided the EORI then name and address fields MUST be supplied. Download a list of available choices as per Section 13 (consignee_country)
consignee_city	String(35)		
consignee_postcode	String(9)		
consignee_country	Alpha (2)		
align_ukims	yes/no	No	If ‘yes; is selected, a check will be made as to whether the importer holds EORI that has been aligned to UKIMS. This check shall be made by checking the UKIMS document record associated with the trader account for the importer. If a matching document record is found, then the importer EORI is set to the 'Associated EORI' value from the identified record.
importer_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes	EORI of the party legally responsible for the import declaration. XI EORIs are now accepted, please use the XI EORI if available and valid. European EORIs are also accepted.
importer_name	String(35)	Yes, if the EORI is GB-prefixed or the movement type is “Maritime”, “RoRo Unaccompanied” or “RoRo Accompanied”, and the	The importer address fields are mandatory if the Importer EORI is 'GB' prefixed and the account associated with the EORI is private, and the API user is not
importer_street_number	String(35)		
importer_city	String(35)		
importer_postcode	String(35)		

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importer_country	Alpha (2)	relevant conditions are met (see usage for details).	submitting on behalf of themselves or acting on behalf of the importer OR If the header movement type is 'Maritime' or 'RoRo Unaccompanied' or 'RoRo Accompanied' and the Importer EORI is prefixed 'XI' and account associated with the API user does not have 'Auto accept XI EORI address' set to true.
exporter_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes - If EORI is not supplied then the following exporter fields are ALL mandatory	If EORI is not supplied then the following exporter fields are ALL mandatory
exporter_name	String(35)	Yes if EORI is not known or if the header movement type is "Maritime", "RoRo Unaccompanied" or "RoRo Accompanied" and conditions are met (see usage)	The newly added company profile setting "Auto accept XI EORI address" is set to "True" by default. Where set to "True," if TSS detects that the EORI provided is invalid, then if this and other name and address fields are provided, they will be used instead; if not provided and the EORI is related to a TSS registered trader, the name and address field values for that trader will be taken from their company profile. If TSS detects that the EORI provided is invalid, is not related to a TSS registered trader and the name and address fields values are not provided then an error will be returned. If "Auto accept XI EORI address" is set to "False," and you have not provided the EORI then name and address fields MUST be supplied. Download a list of available choices as per Section 13 (consignee_country)
exporter_street_number	String(35)		
exporter_city	String(35)		
exporter_postcode	String(35)		
exporter_country	Alpha (2)		
importer_parent_organisation_eori	String (40) 2 Alpha followed by Alpha Numeric	No	XI EORIs are not accepted until the 'TSS XI EORI CDS Implementation Date' has passed. Until then, please continue to use the GB version instead.
use_importer_sde	yes/no	No	Indicate if SDE CFSP authorisation will be used. Please refer to data guidance for more details. Use this only where you have your own CFSP.

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declaration_choice	String(2)	Yes if use_importer_sde is 'yes'	Declaration choice only required if use_importer_sde is 'yes'. Download a list of available choices as per Section 13
generate_SD	yes/no	Yes If declaration_choice is 'H1', 'H3' or 'H4' and use_importer_sde is 'yes'.	Indicates whether a SD is automatically created on arrival of goods. generate_sd only required if declaration_choice is 'H1', 'H3 or 'H4' AND use_importer_sde is 'yes'.
container_indicator	String(2)	Yes If the Header movement type is "Maritime", "RoRo Unaccompanied" or "RoRo Accompanied"	Valid values are as follows: '0' denoting Uncontainerised '1' denoting Containerised
buyer_same_as_importer	yes/no	Yes If the Header movement type is "Maritime", "RoRo Unaccompanied" or "RoRo Accompanied"	Used to indicate if the buyer is the same as the importer.
buyer_eori	String (200) 2 Alpha followed by Alpha Numeric	No	
buyer_name	String(35)	Yes If the Header movement type is "Maritime", "RoRo Unaccompanied" or "RoRo Accompanied" and 'buyer_same_as_importer' is 'no'	
buyer_street_and_number	String(35)		
buyer_city	String(35)		
buyer_postcode	String(35)		
buyer_country	Alpha (2)		
seller_same_as_exporter	yes/no	Yes If the Header movement type is "Maritime", "RoRo Unaccompanied" or "RoRo Accompanied"	Used to indicate if the seller is the same as the exporter.
seller_eori	String (200) 2 Alpha followed by Alpha Numeric	No	
seller_name	String(35)	Yes If the Header movement type is "Maritime", "RoRo Unaccompanied" or "RoRo Accompanied" and 'seller_same_as_exporter' is 'no'	
seller_street_and_number	String(35)		
seller_city	String(35)		
seller_postcode	String(35)		
seller_country	Alpha (2)		

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header_previous_document	Nested field (see example below)		This is a header for the header previous document data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be create, update or delete	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below).
previous document_ref	String (35)	No	Previous document reference. This field will be used as the unique reference for updates and deletes.
previous document class	String(1)	No	Download a list of available choices as per Section 13
previous_document_type	String(3)	No	Download a list of available choices as per Section 13
holder_of_authorisation	Nested field (see example below)		This is a header for the holder of authorisation data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be create, update or delete	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
auth_role_id	String(17)	No	Authorisation Role ID. This field will be used as the unique reference for updates and deletes.
auth_type_code	String(5)	No	

An example consignment record payload (for a create) might look like the following:

```
{
  "op_type": "create",
  "declaration_number": "ENS000000000005977",
  "consignment_number": "",
  "goods_description": "Car parts",
  "trader_reference": "ABC12345",
  "transport_document_number": "REF12345",
  "controlled_goods": "no",
  "goods_domestic_status": "D",
```


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```
"supervising_customs_office": "",
"customs_warehouse_identifier": "",
"ducr": "",
"consignor_eori": "XI000012340005",
"consignor_name": "",
"consignor_street_number": "",
"consignor_city": "",
"consignor_postcode": "",
"consignor_country": "",
"consignee_eori": "XI000012340005",
"consignee_name": "",
"consignee_street_number": "",
"consignee_city": "",
"consignee_postcode": "",
"consignee_country": "",
"importer_eori": "XI000012340005",
"buyer_same_as_importer": "yes",
"exporter_eori": "XI000012340005",
"seller_same_as_exporter": "no",
"seller_eori": "",
"seller_name": "Seller Goods",
"seller_street_and_number": "12",
"seller_city": "Liverpool",
"seller_postcode": "L1 8UI",
"seller_country": "gb",
"exporter_name": "",
"exporter_street_number": "",
"exporter_city": "",
"exporter_postcode": "",
"exporter_country": "",
"container_indicator": "1",
"header_previous_document": [
  {
    "op_type": "create",
    "previous_document_class": "",
    "previous_document_type": "",
    "previous_document_ref": ""
  }
```


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```
  ],
  "holder_of_authorisation": [
    {
      "op_type": "create",
      "auth_role_id": "XI000012340005",
      "auth_type_code": "CW1"
    }
  ]
}
}
```

A successful insert of a consignment record will return a payload similar to below:

```
{"result": {
    "status": "created",
    "process_message": "SUCCESS",
    "reference": "DEC000000000001425"
}}
```

The fields in the response payload to check are:

a) The *status* says “created” or “updated”
b) The *process_message* says “SUCCESS”
c) The *reference* will hold the number of the consignment to be used when adding goods to it

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11.5. Declaration header (read)

In order to read an existing declaration header a GET method must be sent. The GET will be structured as below. You can read back any of the fields that you may have supplied previously plus any of the additional fields listed in the table below.

GET https://*<instance_name>*/api/x_fhmrc_tss_api/v1/tss_api/headers?*<parameters>*

Where;

<instance_name> will be according to the table above entitled “Environments”

<parameters> the parameters required are

reference This is the reference number of the declaration header

fields This is a comma separated list of the fields to that you want their values to be returned. If no fields are provided then no fields will be returned, therefore a minimum of one field must be specified.

Additional fields that may be requested:

Field Name	Format	Usage
status	String	The current status of the declaration header from - Draft - Submitted - Processing - Trader Input Required - Authorised for Movement - Arrived - Cancelled
error_message	String	Provides details if there are related Consignments requiring attention

An example read request might look like the following:

GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/headers?reference=ENS000000000001152&fields=status,arrival_port,seal_number,route,carrier_eori

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A successful request will return a payload similar to the example below, errors are explained in Section 12 below:

```
{"result": {
        "reference":"ENS000000000001152",
        “status”:”cancelled”,
        "arrival_port":"GBAUBELBELBEL",
        "seal_number":"s123456",
        “route”:”gb-ni”,
        "carrier_eori":"XI123456789012"
}}
```


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11.6. Consignment (submit, cancel)

In order to submit or cancel an existing consignment a POST method must be sent. The content of the data payload should be in the following format. A cancel can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If a cancel is not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "submit" or "cancel"	Yes	This will be used to indicate the type of transaction being sent.
consignment_number	String (40)	Yes	The previous supplied number on creation of the consignment

An example consignment payload (for a cancel) might look like the following:

```
{
"op_type":"cancel",
"consignment_number": "DEC000000000001425"
}
```

A successful cancel of a consignment record will return a payload similar to the below:

```
{"result": {
    "status": "cancelled",
    "process_message": "SUCCESS",
    "reference": "DEC000000000001425"
}}
```

The fields in the response payload to check are:

a) The *status* says "updated"
b) The *process_message* says "SUCCESS"
c) The *reference* will hold the number of the consignment which has been cancelled

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11.7. Consignment (read)

In order to read an existing consignment a GET method must be sent. The GET will be structured as below:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/consignments?<parameters>
```

Where;

<instance_name> will be according to the table above entitled “Environments”

<parameters> The parameters required are

reference This is the reference number of the Consignment

fields This is a comma separated list of the fields to that you want their values to be returned. If no fields are provided then no fields will be returned, therefore a minimum of one field must be specified.

If one of the fields requested is a nested payload then all existing nested records in that section will be returned.

The list of fields available are those mentioned in the create resource above plus any others listed below:

Field Name	Format	Usage
Status	String	The current status of the consignment from - Draft - Submitted - Processing - Trader Input Required - Authorised for Movement - Arrived - Cancelled - Do Not Load
movement_reference_number	String	This will contain the movement reference number for the consignment
eori_for_eidr	String	Reference for movement under EIDR
error_code	String	Not currently used
error_message	String	Error message if consignment is in error
total_packages	Numeric	Total number of packages in this consignment
gross_mass_kg	Numeric	Total mass of all packages in this consignment in KG
control_status	String	Comma separated list of status’s

It is not possible to select only a single sub-field so a whole top-level field needs to be supplied. For example *holder_of_authorisation* is allowed but the sub-field of *auth_type_code* is not.

An example read request might look like the following:

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```
GET
https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/consignments?reference=DEC000000000001425&fields=status,transport_document_number,consignor_eori,importer_eori,holder_of_authorisation
```

A successful request will return a payload similar to the example below, errors are explained in Section 12 below:

```
{"result": {
"reference":" DEC000000000001425",
“status”:”draft”,
"transport_document_number":"REF12345",
"consignor_eori":"XI123456789012",
"importer_eori":"GB1234567890123",
"holder_of_authorisation": [
        {
        "auth_role_id": "GB000012340001",
        "auth_type_code": "CW1"
        }
]
}}
```


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11.8. Goods Item (create, update)

Use this resource to create and update goods items for ENS, SFD, supplementary declarations and FFD. The consignment_number field needs to contain the parent reference number for the goods item. There is a maximum of 99 goods per consignment. In order to add goods to an existing consignment or to update goods a POST method must be sent. The content of the data payload should be in the following format. The mandatory status applies to both create and update, however, all fields you require populated must be sent for an update. This means if you leave an optional field empty it will be blanked or set back to the systems default value. If you wish to empty an optional field then leave it blank, if you need it to stay the same then send the existing value. Updates can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If an update is not allowed then an error will be returned. For the mandatory columns below, if a field is marked as “N/A” then it is not required for this type of goods item and should not be part of the payload. For information about the FFD H1 to H4 categories please refer to the related guides mentioned in Section 5.

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Field Name	Format	ENS & SFD Mandatory	Sup Dec Mandatory	FFD Mandatory Based on declaration choice				Usage
				H1	H2	H3	H4	
op_type	String (6)	Yes	Yes	Yes	Yes	Yes	Yes	This will be used to indicate the type of transaction being sent. Value supplied must be create or update. See mandatory requirements to check which fields are required for each op_type.
consignment_number	String (40)	Yes – create No - update	Yes – create No - update	Yes – create No - update	Yes – create No - update	Yes – create No - update	Yes – create No - update	The previously supplied number of the consignment that these goods belong to. This could be the ENS, SFD or supp dec consignment number. This must be blank or omitted for an update.
goods_id	String (32)	No - create Yes - update	No - create Yes - update	No - create Yes - update	No - create Yes - update	No - create Yes - update	No - create Yes - update	The previous supplied ID of the goods which needs to be updated. Ensure this is the correct goods_id as they will differ for goods under ENS, SFD and supplementary declarations. Use a lookup to obtain the goods_ids under SFD and supplementary declarations
equipment_number	Alpha Numeric (17)	Yes if the parent consignment field container_indicator is '1' and the header movement type is 'Maritime' or 'RoRo Unaccompanied' or 'RoRo Accompanied'	No	No	No	No	No	Container number if the goods are containerized
un_dangerous_goods_code	String (4)	No	N/A	N/A	N/A	N/A	N/A	The UN Dangerous Goods Code if required
type_of_packages	String(40)	Yes	Yes	Yes	Yes	Yes	Yes	Download a list of available choices as per Section 13

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number_of_packages	Numeric (5)	Yes	Yes	Yes	Yes	Yes	Yes	The number of packages in this goods note. Minimum of 1.
number_of_individual_pieces	Numeric (5)	No	N/A	N/A	N/A	N/A	N/A	The number of individual pieces in this goods note. Minimum of 1.
package_marks	String (140)	Yes	Yes	Yes	Yes	Yes	Yes	Any markings on the packages to be aware of. If not known please enter “ADDR”
gross_mass_kg	Numeric (13.2)	Yes	Yes	Yes	Yes	Yes	Yes	Gross mass in Kg
net_mass_kg	Numeric (13.2)	Yes if the parent consignment field controlled_goods is ‘yes’	Yes	Yes	No	N/A	Yes	Net mass in Kg The Net_Mass (KG) value cannot be greater than the Gross Mass (KG) value
goods_description	String (255)	Yes	Yes	Yes	Yes	Yes	Yes	The Goods Description cannot be an unacceptable word or phrase as defined by the EU. For guidance on writing appropriate Goods Descriptions visit the Goods Description Guide – NICTA.
controlled_goods	yes/no	Yes	N/A	N/A	N/A	N/A	N/A	
controlled_goods_type	String (40)	Yes if the goods line field controlled_goods is ‘yes’	N/A	N/A	N/A	N/A	N/A	Download a list of available choices as per Section 13
commodity_code	String (10)	Yes if the parent consignment field controlled_goods is ‘yes’ OR if the goods line field controlled_goods is ‘yes’ OR if the header movement type is ‘Maritime’, ‘RoRo Unaccompanied’ or ‘RoRo Accompanied’	Yes	Yes	Yes	Yes	Yes	Download a list of available choices as per Section 13
preference	Aplha (4)	N/A	Yes	Yes	Yes	Yes	Yes	Download a list of available choices as per Section 13

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country_of_origin	Alpha (2)	Yes if the parent consignment field controlled_goods is 'yes' OR if the goods line field controlled_goods is 'yes'	Yes if the field preference is between 100 and 199 inclusive	Yes	Yes	Yes	Yes	Download a list of available choices as per Section 13
country_of_preferential_origin	Alpha (2)	N/A	Yes if the field preference is not between 100 and 199 inclusive.	Yes if the field preference is not between 100 and 199 inclusive.	Yes if the field preference is not between 100 and 199 inclusive.	Yes if the field preference is not between 100 and 199 inclusive.	Yes if the field preference is not between 100 and 199 inclusive.	Download a list of available choices as per Section 13 Note: For Supp Dec and FFD, the 'country_of_preferential_origin' value will be retained and will no longer be cleared when the consignment 'Goods Domestic Status' is 'NIIMP' and the 'preference' is '100' on the goods item.
item_invoice_amount	String (13,2)	Yes if the parent consignment field controlled_goods is 'yes' OR if the goods line field controlled_goods is 'yes'	Yes	Yes	N/A	Yes	Yes	Invoice amount. Max of 2 decimal places, no commas.
quota_order_number	String(6)	N/A	Yes if both 'NIQUO' and 'NIIMP' are provided as a 'additional_info_code'	Yes if both 'NIQUO' and 'NIIMP' are provided as a 'additional_info_code'	N/A	N/A	N/A	

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item_invoice_currency	String (8)	Yes if the parent consignment field controlled_goods is 'yes' OR if the goods line field controlled_goods is 'yes'	Yes	Yes	N/A	Yes	Yes	Download a list of available choices as per Section 13
procedure_code	String (4)	Yes if the goods line field controlled_goods is 'yes' OR parent consignment 'use_importer_sde' is 'yes'	Yes	Yes	Yes	Yes	Yes	Download a list of available choices as per Section 13
additional_procedure_code	String (3)	Yes if the parent consignment controlled_goods is 'yes' OR parent consignment 'use_importer_sde' is 'yes'	Yes	Yes	Yes	Yes	Yes	Download a list of available choices as per Section 13
taric_code	String (20)	No – optional if the goods line field controlled_goods is 'yes' OR parent consignment controlled_goods is 'yes'	No	No	No	No	No	Check usage against commodity codes The TARIC additional codes must be stated as a sequence of 4-character strings with no spaces between them.
cus_code	String (8)	No – optional if the goods line field controlled_goods is 'yes' OR parent consignment controlled_goods is 'yes'	No	No	No	No	No	Check usage eg for chemicals

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national_additional_code	String (4)	No – optional if the goods line field controlled_goods is 'yes' OR parent consignment controlled_goods is 'yes'	No	No	No	No	No	Check usage against commodity codes. Download a list of available choices as per Section 13
ni_additional_information_codes	String (40)	No	Yes	Yes	Yes	Yes	Yes	Download a list of available choices as per Section 13
supplementary_units	Numeric(17)	No – optional if the goods line field controlled_goods is 'yes' OR parent consignment controlled_goods is 'yes'	No	No	No	No	No	Check usage against commodity codes
tax_base_unit	String (4)	Yes if a value is provided for the goods line field tax_base_quantity	Yes if a value is provided for the goods line field tax_base_quantity	Yes if a value is provided for the goods line field tax_base_quantity	N/A	Yes if a value is provided for the goods line field tax_base_quantity	Yes if a value is provided for the goods line field tax_base_quantity	Check usage against commodity codes. Download a list of available choices as per Section 13

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tax_base_quantity	String (16)	Yes if a value is provided for the goods line field tax_base_unit	Yes if a value is provided for the goods line field tax_base_unit	Yes if a value is provided for the goods line field tax_base_unit	N/A	Yes if a value is provided for the goods line field tax_base_unit	Yes if a value is provided for the goods line field tax_base_unit	Check usage against commodity codes
tax_type	String (16)	No – see usage	No – see usage	No – see usage	N/A	No – see usage	No – see usage	Mandatory if either tax_base_unit or tax_base_quantity are entered
valuation_method	String (2)	N/A	Yes	Yes	N/A	Yes	No	The valuation method chosen. Download a list of available choices as per Section 13
valuation_indicator	String (4)	N/A	No – see usage	No – see usage	N/A	N/A	No – see usage	The valuation indicator value. Download a list of available choices as per Section 13 Mandatory if valuation_method is "1"
invoice_number	String (35)	N/A	No – see usage	No – see usage	No – see usage	No – see usage	No – see usage	Mandatory if valuation_method is "1"
nature_of_transaction	String (40)	N/A	Yes	No	No	No	No	Download a list of available choices as per Section 13
statistical_value	String (17)	N/A	No	No	No	No	No	
payable_tax_amount	String(9)	No	No	No	N/A	No	No	
payable_tax_currency	String(3)	No – see usage	No – see usage	No – see usage	No – see usage	No – see usage	No – see usage	Download a list of available choices as per Section 13. Mandatory if payable_tax_amount entered
	For ENS/SFD the following nested payloads are optional where parent consignment controlled_goods=yes and dependent on commodity_code stated". For all other columns "the following nested payloads are optional dependent on commodity_code stated.							

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additional_procedures	Nested field (see example below)							This is a header for the additional procedures data that is required. Repeat the fields within this header for each set of data required.
op_type	String (6)	N/A	Yes	Yes	Yes	Yes	Yes	This will be used to indicate the type of request being sent. Value supplied must be create, update or delete. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
additional_procedure_code	String (3)	N/A	Yes	Yes	Yes	Yes	Yes	Download a list of available choices as per Section 13. This field will be used as the unique reference for updates and deletes.
document_references	Nested field (see example below)							This is a header for the document references data that is required. Repeat the fields within this header for each set of data required.
op_type	String (6)	Yes	Yes	Yes	Yes	Yes	Yes	This will be used to indicate the type of request being sent. Value supplied must be create, update or delete. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
document_reference	String(35)	No	No	No – see usage	No – see usage	No – see usage	No – see usage	The document reference. Mandatory when document_code is entered
document_code	String(4)	No	No	No	No	No	No	Download a list of available choices as per Section 13 This field will be used as the unique reference for updates and deletes.
document_status	String(2)	No – see usage	No – see usage	No – see usage	No – see usage	No – see usage	No – see usage	Download a list of available choices as per Section 13 Mandatory when document_code considered a waiver type is entered
document_part	String(5)	No	No	No	No	No	No	The document part reference
document_reason	String(35)	No – see usage	No – see usage	No – see usage	No – see usage	No – see usage	No – see usage	The document reason Mandatory when document_code considered a waiver type is entered

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date_of_validity	Date (dd/mm/yyyy)	No	No	No	N/A	N/A	N/A	The date of validity for this document
issuing_authority	String(70)	No	No	No	N/A	N/A	N/A	The issuing authority for this document
amount	Numeric(9)	No	No	No	N/A	N/A	N/A	The amount against this document
currency	String(3)	No	No	No	N/A	N/A	N/A	Download a list of available choices as per Section 13
measurement_unit	String(4)	No	No	No	N/A	No	No	Download a list of available choices as per Section 13
quantity	String(16)	No	No	No	N/A	N/A	N/A	The quantity for this document
additional_information	Nested field (see example below)							This is a header for the additional information data that is required. Repeat the fields within this header for each set of data required.
op_type	String (6)	Yes	Yes	Yes	Yes	Yes	Yes	This will be used to indicate the type of request being sent. Value supplied must be create, update or delete. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
additional_info_code	String(5)	No	No	No	No	No	No	Download a list of available choices as per Section 13. This field will be used as the unique reference for updates and deletes. NOTE: '00100' is not allowed for Supplementary Declarations.
additional_info_description	String(512)	No	No	No	No	No	No	Description of the information
detail_previous_document	Nested field (see example below)							This is a header for the detail previous document data that is required. Repeat the fields within this header for each set of data required.
op_type	String (6)	Yes	Yes	Yes	Yes	Yes	Yes	This will be used to indicate the type of request being sent. Value supplied must be create, update or delete. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
previous_document_ref	String (35)	No	No	Yes	Yes	Yes	Yes	Reference for the previous document. This field will be used as the unique reference for updates and deletes.

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previous_document_type	String (3)	No	No	Yes	Yes	Yes	Yes	Download a list of available choices as per Section 13
previous_document_class	String (1)	No	No	Yes	Yes	Yes	Yes	Download a list of available choices as per Section 13
previous_item_identifier	Int(3)	No	No	No	No	No	No	
item_add_ded	Nested field (see example below)							This is a header for the item adjustments and deductions data that is required. Repeat the fields within this header for each set of data required.
op_type	String (6)	N/A	Yes	Yes	Yes	Yes	Yes	This will be used to indicate the type of request being sent. Value supplied must be create, update or delete. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
item_add_ded_code	String (2)	N/A	No	No	N/A	No	No	The code from the choice lists see below. This field will be used as the unique reference for updates and deletes.
item_add_ded_value	Numeric	N/A	No – see usage	No – see usage	N/A	No – see usage	No – see usage	The value of the addition or deduction Mandatory if FFD and item_add_ded_code is entered.
item_add_ded_currency	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
national_additional_codes	Nested field (see example below)							This is a header for the item national additional codes data that is required. Repeat the fields within this header for each set of data required.
op_type	String (6)	Yes	Yes	Yes	Yes	Yes	Yes	This will be used to indicate the type of request being sent. Value supplied must be create, update or delete. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
national_additional_code	String(4)	No – optional if the field controlled_goods is 'yes'		No	No	No	No	Download a list of available choices as per Section 13

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tax_bases	Nested field (see example below)							
op_type	String (6)	Yes	Yes	Yes	Yes	Yes	Yes	This will be used to indicate the type of request being sent. Value supplied must be create, update or delete. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
tax_base_unit	String (4)	No – optional if the field controlled_goods is 'yes'	No	No – see usage	N/A	No – see usage	No – see usage	Check usage against commodity codes. Download a list of available choices as per Section 13 Mandatory if tax_base_quantity entered
tax_base_quantity	String (16)	No – optional if the field controlled_goods is 'yes'	No	No – see usage	N/A	No – see usage	No – see usage	Check usage against commodity codes Mandatory if tax_base_unit entered
payable_tax_amount	String(9)	N/A	N/A	No	N/A	No	No	
payable_tax_currency	String(3)	N/A	N/A	No – see usage	N/A	No – see usage	No – see usage	Download a list of available choices as per Section 13. Mandatory if payable_tax_amount entered
tax_type	String(16)	N/A	N/A	No – see usage	N/A	No – see usage	No – see usage	Download a list of available choices as per Section 13. Mandatory if tax_base_unit entered
additional_parties	Nested field (see example below)							
op_type	String (6)	N/A	N/A	No	N/A	N/A	N/A	This will be used to indicate the type of request being sent. Value supplied must be create, update or delete. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
auth_role_id	String (17)	N/A	N/A	No	N/A	N/A	N/A	Authorisation Role ID
auth_role_code	String (3)	N/A	N/A	No	N/A	N/A	N/A	Authorisation Role Code Download a list of available choices as per Section 13. (ap_auth_role_code)

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auth_role_type	String (5)	N/A	N/A	No	N/A	N/A	N/A	Authorisation Role Type. Download a list of available choices as per Section 13 (ap_auth_role_type)
eori	String (17)	N/A	N/A	No	N/A	N/A	N/A	Mandatory if “auth_role_type” is “BY or “SE” and “eori_unknown” is not “true”.
eori_unknown	Boolean(true/false) (5)	N/A	N/A	No	N/A	N/A	N/A	
name	String (70)	N/A	N/A	No	N/A	N/A	N/A	Mandatory if “eori_unknown” is “true”. Name of Buyer or Seller.
street_and_number	String (70)	N/A	N/A	No	N/A	N/A	N/A	Mandatory if “eori_unknown” is “true”.
country	String (2)	N/A	N/A	No	N/A	N/A	N/A	Mandatory if “eori_unknown” is “true”. Download a list of available choices as per Section 13
postcode	String (9)	N/A	N/A	No	N/A	N/A	N/A	Mandatory if “eori_unknown” is “true”.
city	String (35)	N/A	N/A	No	N/A	N/A	N/A	Mandatory if “eori_unknown” is “true”.
phone_number	String (50)	N/A	N/A	No	N/A	N/A	N/A	

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NB All goods item fields should be supplied for an update unless specified, with the exception of the nested fields. These only need to be specified if you wish to create, update or delete one of them. See second example below.

Example goods item record payload for a create or an update might look like the following. The op_type would need to be “update” for the update transaction. Note, this is an example and does NOT include all fields mentioned above as there are differences between the required fields for the different declaration types.


```
{
"op_type":"create",
"consignment_number":"DEC000000000002051",
"goods_id":"",
"equipment_number":"",
"un_dangerous_goods_code":"",
"type_of_packages":"boxes",
"number_of_packages":"1",
"number_of_individual_pieces":"",
"package_marks":"ADDR",
"gross_mass_kg":"400",
"net_mass_kg":"",
"goods_description":"Car parts",
"invoice_number":"INV123",
"controlled_goods":"yes",
"controlled_goods_type":"weapons",
"commodity_code":"0105130000",
"country_of_origin":"ES",
"item_invoice_amount":"100.00",
"item_invoice_currency":"GBP",
"procedure_code":"0100",
"additional_procedure_code":"1CG",
"taric_code":"",
"cus_code":"",
"national_additional_code":"",
"ni_additional_information_codes":"",
"supplementary_units":"",
"tax_base_unit":"",
"tax_base_quantity":"",
"additional_procedures": [
        {
        "op_type": "create",
        "additional_procedure_code": "D11"
        },
        {
        "op_type": "create",
```


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```
            "additional_procedure_code": "D21"
            },
            {
            "op_type": "create",
            "additional_procedure_code": "D16"
            },
            {
            "op_type": "create",
            "additional_procedure_code": "D51"
            }
],
"document_references": [
            {
            "op_type": "create",
            "document_code": "D019",
            "document_reference": "doc12345",
            "document_status": "AT",
            "document_part": "",
            "document_reason": "",
            "date_of_validity": "",
            "issuing_authority": "",
            "currency": "",
            "measurement_unit": "",
            "quantity": ""
            }
],
"additional_information": [
            {
            "op_type": "create",
            "additional_info_code": "AG202",
            "additional_info_description": ""
            }
],
"detail_previous_document": [
            {
            "op_type": "create",
            "previous_document_ref": "Ref1234",
            "previous_document_type": "740",
            "previous_document_class": "X"
            },
            {
            "op_type": "create",
            "previous_document_ref": "Ref5678",
            "previous_document_type": "741",
```


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```
            "previous_document_class": "Y"
            }
],
"item_add_ded": [
            {
            "op_type": "create",
            "item_add_ded_code": "AM",
            "Item_add_ded_value": "100"
            },
            {
            "op_type": "create",
            "item_add_ded_code": "BB",
            "Item_add_ded_value": "50"
            }
],
"national_additional_codes": [
            {
            "op_type": "create",
            "national_additional_code": "X633"
            }
]
}
```

The sample payload below shows how to delete an additional information record from a goods item. As mentioned all goods item fields must be populated as they currently stand for an update but notice the op_type is set to “delete” to remove the additional information record related to it.

```
{
"op_type":"update",
"consignment_number":"DEC000000000002051",
“goods_id”:””,
"equipment_number":"",
"un_dangerous_goods_code":"",
"type_of_packages":"boxes",
"number_of_packages":"1",
"number_of_individual_pieces":"",
"package_marks":"ADDR",
"gross_weight_kg":"400",
"goods_description":"Car parts",
"invoice_number":"INV123",
"controlled_goods":"true",
"controlled_goods_type":"weapons",
"commodity_code":"106120000",
"country_of_origin":"ES",
```


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```
"item_invoice_amount":"100.00",
"additional_information": [
        {
                "op_type": "delete",
                "additional_info_code": "AG202",
                "additional_info_description": ""
        }
]
}
```


A successful insert of a goods record will return a payload similar to below:


```
{"result": {
    "status": "created",
    "process_message": "SUCCESS",
    "reference": "00991e871bcd24107a49db5be54bcbf3"
}}
```


A successful update of a goods record will return a payload similar to below. This would also be shown for any changes made to the nested sub records as no separate response is shown for them.


```
{
    "status": "updated",
    "process_message": "SUCCESS",
    "reference": "00991e871bcd24107a49db5be54bcbf3"
}
```


Note, the status refers to the main payload and not any nested payloads supplied. All fields are validated before any processing is performed. If anything is incorrect anywhere in the payload then an error will be returned.

The fields in a successful response payload to check are:

a) The *status* says “created” or “updated”
b) The *process_message* says “SUCCESS”
c) The *reference* will hold the reference of the goods item record created or updated

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11.9. Goods item (delete)

In order to delete goods from an existing consignment a POST method must be sent. The content of the data payload should be in the following format. A delete can only be performed under certain circumstances - please check in the guides mentioned at the beginning of this document for details. If a delete is not allowed then an error will be returned. When a Goods Item is deleted all nested records will automatically be deleted with it.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must delete	Yes	This will be used to indicate the type of transaction being sent.
goods_id	String (32)	Yes	The previous supplied number of the goods which needs to be deleted from the consignment

An example goods payload might look like the following:

```
{
"op_type":"delete",
"goods_id":"ff48d6ab2fc82c50aa92d5ccf699b65a"
}
```

A successful delete of a goods record will return a payload similar to the below:

```
{"result": {
    "status": "deleted",
    "process_message": "SUCCESS",
    "reference": "00991e871bcd24107a49db5be54bcbf3"
}}
```

The fields in the response payload to check are:

a) The *status* says “deleted”
b) The *process_message* says “SUCCESS”
c) The *reference* will hold reference number of the Goods Item

11.10. Goods item (lookup)

In order to identify the reference number(s) of any Goods Items under either SFD’s, supplementary declarations, ENS or IMMI a lookup call will be needed. The method used will be a GET and will need to be in the following format:

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```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/goods?<parameters>
```

Where:

<instance_name>	will be according to the table above entitled “Environments”
<parameters>	the parameters required are
sfd_number	This is the reference number of the SFD to which the Goods Items belong
sup_dec_number	This is the reference number of the supplementary declaration to which the Goods Items belong
ens_number	This is the reference number of the ENS consignment to which the Goods Items belong
glr_number	This is the reference number of the IMMI consignment to which the Goods Items belong

If you are looking for goods under an SFD use the *sfd_number* or if you are looking for goods under a supplementary declaration use the *sup_dec_number.* The payload will return with all goods items under that SFD or supplementary declaration listing their reference, description and package marks to aid identification.

An example Goods Item lookup request might look like the following:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/goods?sfd_number=DEC000000000001106
```


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A successful response will return a payload similar to the below:


```
{"result": {
“sfd_number”:”DEC000000000001106”,
"goods": [
        {
                "goods_id": "576435dc1b8da450e159620be54bcbec",
                "goods_description": "Car parts",
                "package_marks": "345"
        },
        {
                "goods_id": "03a9efc01b256c1004473325464bcb09",
                "goods_description": "Body panels",
                "package_marks": "A91262"
        },
        {
                "goods_id": "03ca614f1b0d24107a49db5be54bcbff",
                "goods_description": "Suspension brackets",
                "package_marks": "34544421"
        }
]
}}
```


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11.11. Goods item (read)

In order to read the details of an existing goods item, a GET method must be sent. The GET will be structured as below:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/goods?<parameters>
```

Where:

<instance_name> will be according to the table above entitled “Environments”

<parameters> the parameters required are

reference This is the ID number of the goods

fields This is a comma separated list of the fields to that you want their values to be returned. If no fields are provided then no fields will be returned, therefore a minimum of one field must be specified.

If one of the fields requested is a nested payload then all existing nested records in that section will be returned.

The list of fields available are those mentioned in the create resource above plus any others listed below:

Field Name	Format	Usage
tariff_requirements	String	Assistance on required documents, units and tax bases
method_of_payment	String	Only available for goods under FFD

It is not possible to select only a single sub-field so a whole top-level field needs to be supplied. For example *additional_procedures* is allowed but the sub-field of *additional_procedure_code* is not.

An example read request might look like the following:

```
GET
https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/goods?reference=00991e871bcd24107a49db5be54bcbf3&fields=gross_weight_kg,commodity_code,item_invoice_amount,additional_information
```


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A successful request will return a payload similar to the example below, errors are explained in Section 12 below:


```
{"result": {
"reference":"00991e871bcd24107a49db5be54bcbf3",
"gross_weight_kg":"400",
"commodity_code":"106120000",
"item_invoice_amount":"100.00",
"additional_information": [
        {
                "additional_info_code": "AG202",
                "additional_info_description": ""
        }
]
}}
```


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11.12. Simplified Frontier Declaration header (create/update)

This should only be used to support a standalone SFD, not an SFD header created as part of the ENS initiated journey.

In order to create or update a simplified frontier declaration header a POST method must be used and the following data payload must be sent. The mandatory status applies to both create and update unless specifically called out. All fields you require populated must be sent for both create and update. This means if you leave an optional field empty it will be blanked or set back to the systems default value. If you wish to empty an optional field then leave it blank, if you need it to stay the same then send the existing value. Updates can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If an update is not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "create" or "update"	Yes	This will be used to indicate the type of transaction being sent. See mandatory requirements to check which fields are required for each op_type.
sfd_number	String (40)	No – create Yes – update	The reference number of the SFD Header previous supplied.
movement_type	String (40)	Yes	Download a list of available choices as per Section 13 'sfd_movement_type'
identity_no_of_transport	String (27)	Yes	The identity number of the transport
conveyance_ref	String (35) if movement_type is Air, conveyance ref has a limit of 8 chars	No Yes if "Air" is selected as movement_type and should be the IATA number	Identification of the journey of the means of transport for example voyage, flight or trip number.
arrival_port	String(200)	Yes	Download a list of available choices as per Section 13
nationality_of_transport	Alpha (2)	Yes	Download a list of available choices as per Section 13
arrival_date_time	Date/Time (UTC) dd/mm/yyyy hh:mm:ss	Yes	Date and time of arrival. Cannot be in the past. Must be after 01/01/2021 00:00:00 and cannot be more than 14 days in the future.
place_of_loading	String(33)	No	Place(s) where goods will be loaded
place_of_unloading	String(33)	No	Place(s) where unloading will occur
seal_number	String(20)	No	The identification numbers of the seals affixed to the transport equipment
Route	String(20)	No	Read only. The Route will be set automatically based on the Arrival Port provided.
transport_charges	String(40)	No	Download a list of available choices as per Section 13

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carrier_eori	String (200) 2 Alpha followed by Alpha Numeric	No – see usage	Mandatory if 'movement_type' is RoRo. Carrier EORI. XI EORIs are not accepted, use the GB version instead.
haulier_eori	String (200) 2 Alpha followed by Alpha Numeric	No	Haulier EORI. XI EORIs are not accepted, use the GB version instead. Provide if different from Carrier EORI.

An example SFD header record payload (for a create) might look like the following:

```
POST https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/sfd_headers
```

```
{
   "op_type": "create",
   "sfd_number": "",
   "movement_type": "-3",
   "conveyance_ref": "Test 101",
   "identity_no_of_transport": "34353",
   "arrival_port": "GBAUBELBELBEL",
   "arrival_date_time": "19/01/2022 15:42:40",
   "nationality_of_transport":"GB",
   "place_of_loading": "Test Load",
   "place_of_unloading": "Test Unload",
   "seal_number": "3423",
   "transport_charges": "B",
   "carrier_eori": "GB12345564321 45",
   "haulier_eori": ""
}
```

A successful insert of a SFD header will return a payload similar to the below:

```
{"result": {
    "status": "created",
    "process_message": "SUCCESS",
    "reference": "  SFD000000000002491"
}}
```


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The fields in the response payload to check are:

a) The *status* says “created” or “updated”
b) The *process_message* says “SUCCESS”
c) The *reference* will hold the number of the SFD header that was either created or updated. This can then be used when creating consignments.

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11.13. Simplified Frontier Declaration header (cancel)

In order to cancel an existing SFD header a POST method must be sent. The content of the data payload should be in the following format. A cancel can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If a cancel is not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "cancel"	Yes	This will be used to indicate the type of transaction being sent
sfd_number	String (40)	Yes	The reference number of the SFD

An example header payload might look like the following:

```
{
"op_type":"cancel",
"sfd_number":"  SFD000000000002444
"
}
```

A successful cancel of a SFD header will return a payload similar to the below:

```
{"result": {
    "status": "cancelled",
    "process_message": "SUCCESS",
    "reference": "  SFD000000000002444
"
}}
```

The fields in the response payload to check are:

a) The *status* says "cancelled"
b) The *process_message* says "SUCCESS"
c) The *reference* will hold the number of the SFD header that was cancelled.

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11.14. Simplified Frontier Declaration header (read)

In order to read an existing SFD header a GET method must be sent. The GET will be structured as below. You can read back any of the fields that you may have supplied previously plus any of the additional fields listed in the table below.

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/sfd_headers?<parameters>
```

Where;

<instance_name> will be according to the table above entitled “Environments”

<parameters> the parameters required are

reference This is the reference number of the SFD header

fields This is a comma separated list of the fields to that you want their values to be returned. If no fields are provided then no fields will be returned, therefore a minimum of one field must be specified.

Additional fields that may be requested:

Field Name	Format	Usage
status	String	The current status of the SFD header from - Draft - Submitted - Processing - Trader Input Required - Authorised for Movement - Arrived - Cancelled

An example read request might look like the following:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api
sfd_headers?reference=SFD000000000002443&fields=status,arrival_port,route,seal_number
```

A successful request will return a payload similar to the example below, errors are explained in Section 12 below:

```
{
  "result": {
    "reference": "SFD000000000002443",
```


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```
    "status": "Draft",
    "arrival_port": "GBAUBELBELBEL",
    "route": "gb-ni",
    "seal_number": "3423"
  }
}
```


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11.15. Simplified frontier declaration (lookup)

In order to identify the reference number of a simplified frontier declaration (SFD) a lookup call will be needed. The method used will be a GET and will need to be in the following format. You can obtain the SFD number if you know either the ENS consignment number or the supplementary declaration number.

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/simplified_frontier_declarations?<parameters>
```

Where:

<instance_name>	will be according to the table above entitled “Environments”
<parameters>	the parameters required are
consignment_number	This is the reference number of the consignment to which the SFD belongs. If created via the API this would have been returned in the response payload on consignment creation.
sup_dec_number	This is the reference number of the supplementary declaration to which the SFD relates.

An example SFD lookup request using a consignment might look like the following:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/ simplified_frontier_declarations?consignment_number=DEC000000000002051
```

A response will return a payload similar to the below:

```
{"result": {
        “consignment_number”:”DEC000000000002051”,
        “sfd_number”:”DEC000000000001182”
}}
```

An example SFD lookup request using a supplementary declaration might look like the following:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/ simplified_frontier_declarations?sup_dec_number=SUP000000000001077
```

A response will return a payload similar to the below:

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```
{"result": {
        “sup_dec_number”:”SUP000000000001077”,
        “sfd_number”:”DEC000000000001182”
}}
```


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11.16. Simplified frontier declaration (read, filter)

In order to read an existing simplified frontier declaration a GET method must be sent. The GET will be structured as below:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/simplified_frontier_declarations?<parameters>
```

Where:

<instance_name> will be according to the table above entitled “Environments”

<parameters> The parameters required are

filter This allows you to provide a condition on which simplified frontier declaration numbers to return.

reference This is the reference number of the simplified frontier declaration.

fields This is a comma separated list of the fields to that you want their values to be returned. If no fields are provided then no fields will be returned, therefore a minimum of one field must be specified.

If you wish to retrieve a list of simplified frontier declarations then specify the *filter* parameter, if you need to read the details of a specific simplified frontier declaration then specify the *reference* and the *fields* parameters. Currently you cannot combine these, they are mutually exclusive. Please see the examples.

If one of the fields requested is a nested payload then all existing nested records in that section will be returned.

The list of fields available are those mentioned in the SFD update resource described later plus any others listed below:

Field Name	Format	Usage
status	String	The current status of the SFD from - Draft - Submitted - Processing - Trader Input Required - Authorised for Movement - Amendment Required - Arrived - Cancelled
movement_reference_number	String	This will contain the movement reference number for the consignment
eori_for_eidr	String	Reference for movement under EIDR
error_code	String	Not currently used
error_message	String	Error message if Consignment is in error
trader_reference	String	Information added on the ENS
ens_consignment_reference	String	The ENS consignment number related to this SFD

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control_status	String	Comma separated list of status's

The fields available to be used in the *filter* parameter are:

Field Name	Format	Usage
status	String	The current status of the simplified frontier declaration.

An example read request might look like the following:

```
GET
https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/simplified_frontier_declarations?reference=DEC000000000001182&fields=status,goods_description,transport_document_number,importer_eori,controlled_goods,ducr,holder_of_authorisation
```

A successful request will return a payload similar to the example below, errors are explained in Section 12 below:

```
{"result": {
"reference":"DEC000000000001182",
"status":"Authorised for movement",
"goods_description":"Car parts",
"transport_document_number":"123456",
"importer_eori":"XI123456789012",
"controlled_goods":"yes",
"ducr":"",
"holder_of_authorisation": [
        {
        "auth_role_id": "GB000012340001",
        "auth_type_code": "CW1"
        }
]
}}
```

An example request to list all simplified frontier declarations in a specific state might look like the following:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/simplified_frontier_declarations?filter=status=amendment required
```


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A successful request will return a payload similar to the example below, errors are explained in Section 12 below:


```
{
   "result": [
      {
         "number": "DEC000000000033855"
      },
      {
         "number": "DEC000000000030499"
      },
      {
         "number": "DEC000000000033844"
      },
      {
         "number": "DEC000000000033768"
      },
      {
         "number": "DEC000000000033857"
      },
      {
         "number": "DEC000000000024220"
      },
      {
         "number": "DEC000000000033799"
      }
   ]
}
```


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11.17. Simplified frontier declaration (update)

The payload to be sent in order to update a simplified frontier declaration will require a POST in the following format.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be create or update	Yes	This will be used to indicate the type of transaction being sent. See mandatory requirements to check which fields are required for each op_type. This should be set to 'update'
sfd_number	String (40)	Yes	The number of the consignment you wish to update
sfd_parent	String (40)	No	Not required for update operation.
goods_description	String(254)	Yes	A description of the goods that will be in this consignment
transport_document_number	String (35)	Yes	The transport document number
controlled_goods	yes/no	Yes	Set to "yes" if this SFD contains controlled goods or "no" if it does not.
goods_domestic_status	String(1)	Yes If controlled goods is yes	Download a list of available choices as per Section 13
supervising_customs_office	String(8)	No Optional if controlled goods is yes	Required if declaration_choice is 'H2', 'H3' or 'H4'. Download a list of available choices as per Section 13
customs_warehouse_identifier	String(18)	No Optional if controlled goods is yes	Identifier for the customs warehouse Required if declaration_choice is 'H2'
ducr	String(35)	No	Declaration Unique Consignment Reference
destination_country	Alpha(2)	No	Download a list of available choices as per Section 13
consignor_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes If EORI is not supplied then the following consignor fields are ALL mandatory	GB EORIs are not accepted, use the XI version instead. European EORIs are accepted If EORI is not supplied then the following consignor fields are ALL mandatory
consignor_name	String(35)	Yes if EORI is not known	Consignor name only required if EORI is not known
consignor_street_number	String(35)	Yes if EORI is not known	Consignor street and number only required if EORI is not known
consignor_city	String(35)	Yes if EORI is not known	Consignor city only required if EORI is not known
consignor_postcode	String(9)	Yes if EORI is not known	Consignor postcode only required if EORI is not known

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consignor_country	Alpha (2)	Yes if EORI is not known	Consignor country only required if EORI is not known. Download a list of available choices as per Section 13
consignee_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes If EORI is not supplied then the following consignee fields are ALL mandatory	GB EORIs are not accepted, use the XI version instead. European EORIs are accepted If EORI is not supplied then the following consignee fields are ALL mandatory
consignee_name	String(35)	Yes if EORI is not known	Consignee name only required if EORI is not known
consignee_street_number	String(35)	Yes if EORI is not known	Consignee street and number only required if EORI is not known
consignee_city	String(35)	Yes if EORI is not known	Consignee city only required if EORI is not known
consignee_postcode	String(9)	Yes if EORI is not known	Consignee postcode only required if EORI is not known
consignee_country	Alpha (2)	Yes if EORI is not known	Consignee country only required if EORI is not known. Download a list of available choices as per Section 13
align_ukims	yes/no	No	If ‘yes; is selected, a check will be made as to whether the importer holds EORI that has been aligned to UKIMS. This check shall be made by checking the UKIMS document record associated with the trader account for the importer. If a matching document record is found, then the importer EORI is set to the 'Associated EORI' value from the identified record.
importer_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes	EORI of the party legally responsible for the import declaration. XI EORIs are now accepted, please use the XI EORI if available and valid. European EORIs are also accepted.
importer_name	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	The importer address fields are mandatory if the Importer EORI is 'GB' prefixed and the account associated with the EORI is private, and the API user is not submitting on behalf of themselves or acting on behalf of the importer.
importer_street_number	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	
importer_city	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	
importer_postcode	String(35)	Yes if EORI is GB	

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		prefixed and conditions are met (see usage)	
importer_country	Alpha (2)	Yes if EORI is GB prefixed and conditions are met (see usage)	
exporter_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes - If EORI is not supplied then the following exporter fields are ALL mandatory	XI EORIs are not accepted until the 'TSS XI EORI CDS Implementation Date' has passed. Until then, please continue to use the GB version instead. European EORIs are accepted. If EORI is not supplied then the following exporter fields are ALL mandatory
exporter_name	String(35)	Yes if EORI is not known	Exporter name only required if EORI is not known
exporter_street_number	String(35)	Yes if EORI is not known	Exporter street and number only required if EORI is not known
exporter_city	String(35)	Yes if EORI is not known	Exporter city only required if EORI is not known
exporter_postcode	String(35)	Yes if EORI is not known	Exporter postcode only required if EORI is not known
exporter_country	Alpha (2)	Yes if EORI is not known	Exporter country only required if EORI is not known. Download a list of available choices as per Section 13
importer_parent_organisation_eori	String (40) 2 Alpha followed by Alpha Numeric	No	XI EORIs are not accepted until the 'TSS XI EORI CDS Implementation Date' has passed. Until then, please continue to use the GB version instead.
use_importer_sde	yes/no	No	Indicate if SDE CFSP authorisation will be used.
declaration_choice	String(2)	Yes if use_importer_sde is 'yes'	Declaration choice only required if use_importer_sde is 'yes'. Download a list of available choices as per Section 13
generate_SD	yes/no	Yes If declaration_choice is 'H1', 'H3' or 'H4' and use_importer_sde is 'yes'.	Indicates whether a SD is automatically created on arrival of goods. generate_sd only required if declaration_choice is 'H1', 'H3' or 'H4' AND use_importer_sde is 'yes'.
header_previous_document	Nested field (see example below)		This is a header for the header previous document data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be create, update or delete	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for

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			each (see the example below). The next field will be used as the unique reference.
previous_document_ref	String (35)	No	Previous document reference
previous_document class	String(1)	No	Download a list of available choices as per Section 13
previous_document_type	String(3)	No	Download a list of available choices as per Section 13
holder_of_authorisation	Nested field (see example below)		This is a header for the holder of authorisation data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be create, update or delete	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
auth_role_id	String(17)	No	Authorisation Role ID
auth_type_code	String(5)	No	

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An example SFD update payload might look like the following:

```
{
"op_type":"update",
"sfd_number":"DEC000000000001182",
"goods_description":"Car parts",
"transport_document_number":"REF12345",
"controlled_goods":"no",
"goods_domestic_status":"D",
"supervising_customs_office":"",
"customs_warehouse_identifier":"",
"ducr":"",
"consignor_eori":"XI123456789012",
"consignor_name":"",
"consignor_street_number":"",
"consignor_city":"",
"consignor_postcode":"",
"consignor_country":"",
"consignee_eori":"",
"consignee_name":"John Doe",
"consignee_street_number":"12 Street",
"consignee_city":"Belfast",
"consignee_postcode":"BT1 1AA",
"consignee_country":"GB",
"importer_eori":"GB1234567890123",
"exporter_eori":"GB12345678901234",
"exporter_name":"",
"exporter_street_number":"",
"exporter_city":"",
"exporter_postcode":"",
"exporter_country":"",
"header_previous_document": [
        {
        "op_type": "create",
        "previous_document_class": "X",
        "previous_document_type": "355",
        "previous_document_ref": "80085"
        }
],
"holder_of_authorisation": [
```


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```
            {
            "op_type": "create",
            "auth_role_id": "GB000012340001",
            "auth_type_code": "CW1"
            }
]
}
```

A successful update of an SFD will return a payload similar to the below:

```
{"result": {
    "status": "updated",
    "process_message": "SUCCESS",
    "reference": "DEC000000000001182"
}}
```

The fields in the response payload to check are:

a) The *status* says “updated”
b) The *process_message* says “SUCCESS”
c) The *reference* will hold the number of the SFD that was updated.

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11.18. Simplified frontier declaration (create)

The option to create is only permitted to support a standalone simplied frontier declaration header already created. This can be used to create a SFD consignment if the parent SFD Header record does not have a ENS reference, and the state is either Draft or Trader Input Required.

The payload to be sent in order to create or create a simplified frontier declaration will require a POST in the following format.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be create or update	Yes	This will be used to indicate the type of transaction being sent. See mandatory requirements to check which fields are required for each op_type. This should be set to 'create'
sfd_number	String (40)	No	Not required for create operation.
sfd_parent	String (40)	Yes	The number of the SFD Header record.
goods_description	String(254)	Yes	A description of the goods that will be in this consignment
transport_document_number	String (35)	Yes	The transport document number
controlled_goods	yes/no	Yes	Set to "yes" if this SFD contains controlled goods or "no" if it does not.
goods_domestic_status	String(1)	Yes If controlled goods is yes	Download a list of available choices as per Section 13
supervising_customs_office	String(8)	No Optional if controlled goods is yes	Required if declaration_choice is 'H2', 'H3' or 'H4'. Download a list of available choices as per Section 13
customs_warehouse_identifier	String(18)	No Optional if controlled goods is yes	Identifier for the customs warehouse Required if declaration_choice is 'H2'
ducr	String(35)	No	Declaration Unique Consignment Reference
destination_country	Alpha(2)	No	Download a list of available choices as per Section 13
consignor_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes If EORI is not supplied then the following consignor fields are ALL mandatory	GB EORIs are not accepted, use the XI version instead. European EORIs are accepted If EORI is not supplied then the following consignor fields are ALL mandatory
consignor_name	String(35)	Yes if EORI is not known	Consignor name only required if EORI is not known

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consignor_street_number	String(35)	Yes if EORI is not known	Consignor street and number only required if EORI is not known
consignor_city	String(35)	Yes if EORI is not known	Consignor city only required if EORI is not known
consignor_postcode	String(9)	Yes if EORI is not known	Consignor postcode only required if EORI is not known
consignor_country	Alpha (2)	Yes if EORI is not known	Consignor country only required if EORI is not known. Download a list of available choices as per Section 13
consignee_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes If EORI is not supplied then the following consignee fields are ALL mandatory	GB EORIs are not accepted, use the XI version instead. European EORIs are accepted If EORI is not supplied then the following consignee fields are ALL mandatory
consignee_name	String(35)	Yes if EORI is not known	Consignee name only required if EORI is not known
consignee_street_number	String(35)	Yes if EORI is not known	Consignee street and number only required if EORI is not known
consignee_city	String(35)	Yes if EORI is not known	Consignee city only required if EORI is not known
consignee_postcode	String(9)	Yes if EORI is not known	Consignee postcode only required if EORI is not known
consignee_country	Alpha (2)	Yes if EORI is not known	Consignee country only required if EORI is not known. Download a list of available choices as per Section 13
align_ukims	yes/no	No	If ‘yes; is selected, a check will be made as to whether the importer holds EORI that has been aligned to UKIMS. This check shall be made by checking the UKIMS document record associated with the trader account for the importer. If a matching document record is found, then the importer EORI is set to the 'Associated EORI' value from the identified record.
importer_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes	EORI of the party legally responsible for the import declaration. XI EORIs are now accepted, please use the XI EORI if available and valid. European EORIs are also accepted.
importer_name	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	The importer address fields are mandatory if the Importer EORI is 'GB' prefixed and the account associated with the EORI is private, and the API user is not submitting on behalf of themselves or acting on behalf of the importer.
importer_street_number	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	

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importer_city	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	
importer_postcode	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	
importer_country	Alpha (2)	Yes if EORI is GB prefixed and conditions are met (see usage)	
exporter_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes - If EORI is not supplied then the following exporter fields are ALL mandatory	XI EORIs are not accepted until the 'TSS XI EORI CDS Implementation Date' has passed. Until then, please continue to use the GB version instead. European EORIs are accepted. If EORI is not supplied then the following exporter fields are ALL mandatory
exporter_name	String(35)	Yes if EORI is not known	Exporter name only required if EORI is not known
exporter_street_number	String(35)	Yes if EORI is not known	Exporter street and number only required if EORI is not known
exporter_city	String(35)	Yes if EORI is not known	Exporter city only required if EORI is not known
exporter_postcode	String(35)	Yes if EORI is not known	Exporter postcode only required if EORI is not known
exporter_country	Alpha (2)	Yes if EORI is not known	Exporter country only required if EORI is not known. Download a list of available choices as per Section 13
importer_parent_organisation_eori	String (40) 2 Alpha followed by Alpha Numeric	No	XI EORIs are not accepted until the 'TSS XI EORI CDS Implementation Date' has passed. Until then, please continue to use the GB version instead.
use_importer_sde	yes/no	No	Indicate if SDE CFSP authorisation will be used.
declaration_choice	String(2)	Yes if use_importer_sde is 'yes'	Declaration choice only required if use_importer_sde is 'yes'. Download a list of available choices as per Section 13
generate_SD	yes/no	Yes If declaration_choice is 'H1', 'H3' or 'H4' and use_importer_sde is 'yes'.	Indicates whether a SD is automatically created on arrival of goods. generate_sd only required if declaration_choice is 'H1', 'H3' or 'H4' AND use_importer_sde is 'yes'.

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header_previous_document	Nested field (see example below)		This is a header for the header previous document data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be create, update or delete	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
previous_document_ref	String (35)	No	Previous document reference
previous_document class	String(1)	No	Download a list of available choices as per Section 13
previous_document_type	String(3)	No	Download a list of available choices as per Section 13
holder_of_authorisation	Nested field (see example below)		This is a header for the holder of authorisation data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be create, update or delete	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
auth_role_id	String(17)	No	Authorisation Role ID
auth_type_code	String(5)	No	

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An example SFD create payload might look like the following:


```
{
"op_type":"create",
"sfd_parent":" SFD000000000002562",
"goods_description":"Car parts",
"transport_document_number":"REF12345",
"controlled_goods":"no",
"goods_domestic_status":"D",
"supervising_customs_office":"",
"customs_warehouse_identifier":"",
"ducr":"",
"consignor_eori":"XI123456789012",
"consignor_name":"",
"consignor_street_number":"",
"consignor_city":"",
"consignor_postcode":"",
"consignor_country":"",
"consignee_eori":"",
"consignee_name":"John Doe",
"consignee_street_number":"12 Street",
"consignee_city":"Belfast",
"consignee_postcode":"BT1 1AA",
"consignee_country":"GB",
"importer_eori":"GB1234567890123",
"exporter_eori":"GB12345678901234",
"exporter_name":"",
"exporter_street_number":"",
"exporter_city":"",
"exporter_postcode":"",
"exporter_country":"",
"header_previous_document": [
        {
        "op_type": "create",
        "previous_document_class": "X",
        "previous_document_type": "355",
        "previous_document_ref": "80085"
        }
],
"holder_of_authorisation": [
```


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```
            {
            "op_type": "create",
            "auth_role_id": "GB000012340001",
            "auth_type_code": "CW1"
            }
]
}
```

A successful create of an SFD will return a payload similar to the below:

```
{"result": {
    "status": "created",
    "process_message": "SUCCESS",
    "reference": "DEC000000000025815
"
}}
```

The fields in the response payload to check are:

d) The *status* says “created”
e) The *process_message* says “SUCCESS”
f) The *reference* will hold the number of the SFD that was created.

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11.19. Simplified frontier declaration (submit)

In order to submit existing simplified frontier declaration, a POST method must be sent. The content of the data payload should be in the following format. A submit can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If a submit is not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "submit"	Yes	This will be used to indicate the type of transaction being sent.
sfd_number	String (40)	Yes	The previous supplied number of a declaration

An example consignment payload for a submit might look like the following:

```
{
"op_type":"submit",
"sfd_number": "DEC000000000001077"
}
```

A successful submit of a record will return a payload similar to the below:

```
{"result": {
    "status": "submitted",
    "process_message": "SUCCESS",
    "reference": "DEC000000000001077"
}}
```

The fields in the response payload to check are:

a) The *status* says "submitted"
b) The *process_message* says "SUCCESS"
c) The *reference* will hold the number of the declaration which has been submitted.

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11.20. Supplementary declaration (lookup)

In order to identify the reference number(s) of any supplementary declarations related to an SFD a lookup call will be needed. The method used will be a GET and will need to be in the following format:

GET https://*<instance_name>*/api/x_fhmrc_tss_api/v1/tss_api/supplementary_declarations?*<parameters>*

Where;

<instance_name>	will be according to the table above entitled “Environments”
<parameters>	the parameters required are
sfd_number	This is the reference number of the SFD to which the supplementary declaration belongs

An example supplementary declaration lookup request might look like the following:

GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/supplementary_declarations?sfd_number=DEC000000000001182

A successful response will return a payload similar to the below:

```
{"result": {
“sfd_number”:”DEC000000000001182”,
“sup_dec_number”:”SUP000000000001077”
}}
```

If there are multiple Supplementary declarations related to the SFD then the response will return a payload similar to the below:

```
{"result": {
“sfd_number”:”DEC000000000023902”,
“sup_dec_number”:"SUP000000000001776,SUP000000000001786,SUP000000000001782,SUP000000000001785,SUP000000000001784,SUP000000000001783"
}}
```


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11.21. Supplementary declaration (read, filter)

In order to either obtain a list of supplementary declarations or read an existing supplementary declaration a GET method must be sent. The GET will be structured as below:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/supplementary_declarations?<parameters>
```

Where;

<instance_name> will be according to the table above entitled “Environments”

<parameters> the parameters required are

- *filter* — This allows you to provide a condition on which supplementary declaration numbers to return
- *reference* — This is the reference number of the supplementary declaration
- *fields* — This is a comma separated list of the fields to that you want their values to be returned. If no fields are provided then no fields will be returned, therefore a minimum of one field must be specified.

If you wish to retrieve a list of supplementary declarations then specify the *filter* parameter, if you need to read the details of a specific supplementary declaration then specify the *reference* and the *fields* parameters. Currently you cannot combine these, they are mutually exclusive. Please see the examples.

If one of the *fields* requested is a nested payload then all existing nested records in that section will be returned.

The list of *fields* available to read are those mentioned in the supplementary declaration update resource described later plus any others listed below;

Field Name	Format	Usage
status	String	The current status of the supplementary declaration. Download a list of available values as per Section 13
movement_reference_number	String	This will contain the movement reference number for the consignment
error_code	String	Not currently used
error_message	String	Error message if consignment is in error
trader_reference	String	Information added on the ENS
duty_totals	Nested payload header	Provides payment totals
duty_lines	Nested payload header	Provides payment details
importer_eori	String	The EORI of the importer specified previously
arrival_date_time	dd/mm/yyyy hh:mm:ss (UTC)	Date and time of arrival
port_of_arrival	String	Port of arrival

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transport_document_number	String	Transport document number
submission_due_date	dd/mm/yyyy	Submission Due Date
total_packages	Numeric (40)	Total number of packages
clear_date_time	dd/mm/yyyy hh:mm:ss (UTC)	Clearance date and time

The fields available to be used in the *filter* parameter are;

Field Name	Format	Usage
status	String	The current status of the supplementary declaration. Download a list of available values as per Section 13

An example read request to obtain the fields for a specific supplementary declaration might look like the following:

GET
https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/supplementary_declarations?reference=SUP000000000001077&fields=status,goods_description,transport_document_number,importer_eori,controlled_goods,ducr,holder_of_authorisation,duty_totals,duty_lines

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A successful request will return a payload similar to the example below, errors are explained in Section 12 below:


```
{"result": {
"reference":"SUP000000000001077",
"status":"Closed",
"goods_description":"Car parts",
"transport_document_number":"123456",
"importer_eori":"XI123456789012",
"controlled_goods":"yes",
"ducr":"",
"holder_of_authorisation": [
            {
            "auth_role_id": "GB000012340001",
            "auth_type_code": "SDE"
            }
],
"duty_totals": [
            {
             "number": "TOT000000000003455",
            "duty": "650.14",
            "excise": "0.00",
            "vat": "1987.58",
            "total": "2637.72",
            "subsidy_total": "",
            "payment_reference": "",
            "hmrc_payment_ref": "49ffaf2",
            "state": "New"

            }
],
  "duty_lines": [
        {
      "duty_number": "DUT0001001562",
      "duty_total": "TOT000000000003455",
     "hmrc_payment_ref": "49ffaf2",
      "type_code": "B05",
      "tax_type": "vat",
```


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```
      "payment_amount": "0.00",
      "state": "Valid",
      "payment_reference": "",
      "response_id": "15546"
    }
]
}}
```

An example request to list all supplementary declarations in a specific state might look like the following:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/supplementary_declarations?filter=status=trader input required
```

NOTE: The actual http sent will need to be, notice the replacement of ASCII characters

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/supplementary_declarations?filter=status%3Dtrader%20input%20required
```

A successful request will return a payload similar to the example below, errors are explained in Section 12 below:

```
{
  "result": [
    {
      "number": "SUP0000000000001827"
    },
    {
      "number": "SUP0000000000001845"
    },
    {
      "number": "SUP0000000000001855"
    },
    {
      "number": "SUP0000000000001844"
    }
  ]
}
```


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11.22. Supplementary declaration standalone (create/update)

This should be used to create/update a standalone Supplementary Declaration independent of an Entry Summary Delaration or Simplified Frontier Declaration.

In order to create a standalone supplementary declaration a POST method must be used and the following data payload must be sent. The mandatory status applies to both create and update unless specifically called out. All fields you require populated must be sent for both create and update. This means if you leave an optional field empty it will be blanked or set back to the systems default value. If you wish to empty an optional field then leave it blank, if you need it to stay the same then send the existing value. Updates can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If an update is not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String (6) Value supplied must be “create” or “update”	Yes	This will be used to indicate the type of transaction being sent. Must always be “update”.
sup_dec_number	String (40)	No – create Yes – update	The reference number of the supplementary declaration
declaration_choice	String(2)	Yes	Download a list of available choices as per Section 13 using the sd_declaration_choice option
authorisation_type	String(32)	Yes	Download a list of available choices as per Section 13 using the ‘standalone_sdi_authorisation_type’ option
arrival_date_time	Date/Time (UTC) dd/mm/yyyy hh:mm:ss	Yes	Date and time of arrival. Must be in the past. A valid date is up to and including 365 days in the past.
representation_type	String (1)	No	
controlled_goods	yes/no	Yes	Set to “yes” if this supplementary declaration contains controlled goods or “no” if it does not. NOTE: You cannot change a supp dec from “yes” to “no” only from “no” to “yes”.
additional_procedure	yes/no	Yes	Set to "yes" if any of the procedure codes on the goods in your SD are not currently supported by TSS. Otherwise set to no
goods_domestic_status	String (1)	Yes	Download a list of available choices as per Section 13
supervising_customs_office	String(8)	No	Download a list of available choices as per Section 13
customs_warehouse_identifier	String(18)	No	Identifier for the customs warehouse
importer_name	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	The importer address fields are mandatory if the Importer EORI is 'GB' prefixed and the account associated with the EORI is private,

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importer_street_number	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	and the API user is not submitting on behalf of themselves or acting on behalf of the importer.
importer_city	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	
importer_postcode	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	
importer_country	Alpha (2)	Yes if EORI is GB prefixed and conditions are met (see usage)	
exporter_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes - If EORI is not supplied then the following exporter fields are ALL mandatory	XI EORIs are not accepted until the 'TSS XI EORI CDS Implementation Date' has passed. Until then, please continue to use the GB version instead. European EORIs are accepted. If EORI is not supplied then the following exporter fields are ALL mandatory
exporter_name	String(35)	Yes - if EORI is not known	Exporter name only required if EORI is not known
exporter_street_number	String(35)	Yes - if EORI is not known	Exporter street and number only required if EORI is not known
exporter_city	String(35)	Yes - if EORI is not known	Exporter city only required if EORI is not known
exporter_postcode	String(35)	Yes - if EORI is not known	Exporter postcode only required if EORI is not known
exporter_country	Alpha (2)	Yes - if EORI is not known	Exporter country only required if EORI is not known. Download a list of available choices as per Section 13
carrier_eori	String (200) 2 Alpha followed by Alpha Numeric	No Yes - If 'movement_type' is RoRo(3)	XI EORIs are not accepted, use the GB version instead. European EORIs are accepted If EORI is not supplied then the following exporter fields are ALL mandatory
carrier_name	String(35)	No Yes if carrier EORI does not begin 'GB'	Carrier name
carrier_street_number	String(35)	No Yes if carrier EORI does not begin 'GB'	Carrier street and number
carrier_city	String(35)	No Yes if carrier EORI does not begin 'GB'	Carrier city

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carrier_postcode	String(35)	No Yes if carrier EORI does not begin 'GB'	Carrier postcode
carrier_country	Alpha (2)	No Yes if carrier EORI does not begin 'GB'	Download a list of available choices as per Section 13
haulier_eori	String (200)	No	Haulier EORI if different from carrier
importer_parent_organisation_eori	String (40) 2 Alpha followed by Alpha Numeric	No	XI EORIs are not accepted until the 'TSS XI EORI CDS Implementation Date' has passed. Until then, please continue to use the GB version instead.
movement_type	String (40)	Yes	Download a list of available choices as per Section 13
destination_country	Alpha(2)	No	Download a list of available choices as per Section 13
nationality_of_transport	Alpha (2)	No If movement_type is Ro/Ro (Accompanied / Unaccompanied) this field is mandatory, otherwise it is not required and will not be processed	See mandatory requirements. Download a list of available choices as per Section 13
identity_no_of_transport	String (27)	Yes No if "Air" is selected as movement_type	The identity number of the transport
location_of_goods_border	String(32)	No	Either specify this field or location_of_goods_other. Download a list of available choices as per Section 13: sd_location_of_goods
location_of_goods_other	String(100)	No	Either specify this field or location_of_goods_border
freight_charge	String (10)	Yes – if incoterm is 'EXW', 'FCA' or 'FAS' otherwise not required	
freight_charge_currency	String (4)	Yes – if incoterm is 'EXW', 'FCA' or 'FAS' otherwise not required	Download a list of available choices as per Section 13
insurance	String (10)	No	
insurance_currency	String (4)	No	Download a list of available choices as per Section 13
vat_adjustment	String (10)	No	
vat_adjust_currency	String (4)	No	Download a list of available choices as per Section 13
total_invoice	String (10)	N/A	
total_invoice_currency	String (4)	N/A	
exchange_rate	String (10)	No	
postponed_vat	yes/no	Yes	Are you using postponed VAT accounting

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vat_number	String (11)	Yes – if postponed_vat is "yes"	VAT Number (for PVA) is only required if Use Postponed VAT Accounting is Yes.
incoterm	String (3)	Yes	Download a list of available choices as per Section 13
un_locode	String (5)	Conditional	Either specify un_locode only or specify delivery_location_country and delivery_location_town Download a list of available choices as per Section 13
delivery_location_country	Alpha (2)	Conditional	Either specify un_locode only or specify delivery_location_country and delivery_location_town Download a list of available choices as per Section 13
delivery_location_town	String(37)	Conditional	The delivery location town. Either specify un_locode only or specify delivery_location_country and delivery_location_town
amendment_justification	String(300)	No	Justification for the amendment
header_previous_document	Nested field (see example below)		This is a header for the header previous document data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be "create", "update" or "delete"	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
previous_document_ref	String (35)	Yes	Previous document reference
previous_document_class	String(1)	Yes	Download a list of available choices as per Section 13
previous_document_type	String(3)	Yes	Download a list of available choices as per Section 13 A 'DCR' Header Previous document type must be provided.
holder_of_authorisation	Nested field (see example below)		This is a header for the holder of authorisation data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be "create", "update" or "delete"	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
auth_role_id	String(17)	No	Authorisation Role ID
auth_type_code	String(5)	No	Download a list of available choices as per Section 13
eori	String(17)	No	Mandatory if "auth_role_type" is "BY or "SE" and "eori_unknown" is not "true".
eori_unknown	Boolean(true/ false) (5)	No	

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name	String(35)	No	Mandatory if “eori_unknown” is “true”. Name of Buyer or Seller.
street_and_number	String(35)	No	Mandatory if “eori_unknown” is “true”.
country	String(2)	No	Mandatory if “eori_unknown” is “true”. Download a list of available choices as per Section 13
postcode	String(9)	No	Mandatory if “eori_unknown” is “true”.
city	String(35)	No	Mandatory if “eori_unknown” is “true”.
phone_number	String(50)	No	
header_additions_deductions	Nested field (see example below)		This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below).
op_type	String Value supplied must be “create”, “update” or “delete”	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
addition_deduction_code	String(2)	No	Download a list of available choices as per Section 13
addition_deduction_value	Numeric(10)	No	The value of the addition or deduction in Pounds Sterling
addition_deduction_currency	String (3)	Yes	

11.23. Supplementary declaration standalone (cancel)

In order to cancel an existing standalone supplementary declaration a POST method must be sent. The content of the data payload should be in the following format. A cancel can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If a cancel is not allowed, then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be “cancel”	Yes	This will be used to indicate the type of transaction being sent
sup_dec_number	String (40)	Yes	The reference number of the SD

An example cance; payload might look like the following:

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```
{
"op_type":"cancel",
"sup_dec_number":"  SUP000000000002099
"
}
```

A successful cancel of a standalone supplementary declaration will return a payload similar to the below:

```
{"result": {
    "status": "cancelled",
    "process_message": "SUCCESS",
    "reference": "  SUP000000000002099
"
}}
```

The fields in the response payload to check are:

a) The *status* says “cancelled”
b) The *process_message* says “SUCCESS”
c) The *reference* will hold the number of the SD that was cancelled.

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11.24. Supplementary declaration (create)

If a supplementary declaration requires more than the 99 goods item limit then it is possible to create further supplementary declarations to cater for this. These declarations will relate back to the same SFD as the existing declaration referenced when creating the new one. The payload to be sent in order to create a subsequent supplementary declaration will require a POST in the following format:

Field Name	Format	Mandatory	Usage
op_type	String (6) Value supplied must be “create”	Yes	This will be used to indicate the type of transaction being sent. Must always be “create”.
sup_dec_number	String (40)	Yes	Existing supplementary declaration number on which the new declaration will be partially based. (Note: This is should be a supplementary declaration number for SD orininating from a SFD and not a standlone SD.)

An example payload might look like the following:

```
{
"op_type":"create",
"sup_dec_number": "SUP000000000001077"
}
```

A successful creation will return the new supplementary declaration number similar to the below:

```
{"result": {
    "status": "created",
    "process_message": "SUCCESS”,
    "reference": "SUP000000000001078"
}}
```

The fields in the response payload to check are:

a) The *status* says “created”
b) The *process_message* says “SUCCESS”
c) The *reference* will hold the number of the supplementary declaration which has been created.

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11.25. Supplementary declaration (update)

The payload to be sent in order to update a supplementary declaration will require a POST in the following format:

Field Name	Format	Mandatory			Usage
		H1	H3	H4	
op_type	String (6) Value supplied must be “update”	Yes	Yes	Yes	This will be used to indicate the type of transaction being sent. Must always be “update”.
sup_dec_number	String (40)	Yes	Yes	Yes	The reference number of the supplementary declaration
declaration_choice	String(2)	Yes	Yes	Yes	Please see guides in Section 5 for usage Download a list of available choices as per Section 13 using the sd_declaration_choice option
representation_type	String (1)	No	Yes	Yes	If “declaration_choice” of “H3” or “H4” this must equate to “Direct” Download a list of available choices as per Section 13
controlled_goods	yes/no	Yes	Yes	Yes	Set to “yes” if this supplementary declaration contains controlled goods or “no” if it does not. NOTE: You cannot change a supp dec from “yes” to “no” only from “no” to “yes”.
additional_procedure	yes/no	Yes	Yes	Yes	Set to "yes" if any of the procedure codes on the goods in your SD are not currently supported by TSS. Otherwise set to no
goods_domestic_status	String (1)	Yes	Yes	Yes	Download a list of available choices as per Section 13
supervising_customs_office	String(8)	No Optional if controlled goods is yes	Yes	Yes	Download a list of available choices as per Section 13
customs_warehouse_identifier	String(18)	No Optional if controlled goods is yes	No	No	Identifier for the customs warehouse
importer_name	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	Yes if EORI is GB prefixed and conditions are met (see usage)	Yes if EORI is GB prefixed and conditions are met (see usage)	The importer address fields are mandatory if the Importer EORI is 'GB' prefixed and the account associated with the EORI is private, and the API user is not submitting on behalf of themselves or acting on behalf of the importer.
importer_street_number	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	Yes if EORI is GB prefixed and conditions are met (see usage)	Yes if EORI is GB prefixed and conditions are met (see usage)	
importer_city	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	Yes if EORI is GB prefixed and conditions are met (see usage)	Yes if EORI is GB prefixed and conditions are met (see usage)	

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importer_postcode	String(35)	Yes if EORI is GB prefixed and conditions are met (see usage)	Yes if EORI is GB prefixed and conditions are met (see usage)	Yes if EORI is GB prefixed and conditions are met (see usage)	
importer_country	Alpha (2)	Yes if EORI is GB prefixed and conditions are met (see usage)	Yes if EORI is GB prefixed and conditions are met (see usage)	Yes if EORI is GB prefixed and conditions are met (see usage)	
exporter_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes - If EORI is not supplied then the following exporter fields are ALL mandatory	Yes - If EORI is not supplied then the following exporter fields are ALL mandatory	Yes - If EORI is not supplied then the following exporter fields are ALL mandatory	XI EORIs are not accepted until the 'TSS XI EORI CDS Implementation Date' has passed. Until then, please continue to use the GB version instead. European EORIs are accepted. If EORI is not supplied then the following exporter fields are ALL mandatory
exporter_name	String(35)	Yes - if EORI is not known	Yes - if EORI is not known	Yes - if EORI is not known	Exporter name only required if EORI is not known
exporter_street_number	String(35)	Yes - if EORI is not known	Yes - if EORI is not known	Yes - if EORI is not known	Exporter street and number only required if EORI is not known
exporter_city	String(35)	Yes - if EORI is not known	Yes - if EORI is not known	Yes - if EORI is not known	Exporter city only required if EORI is not known
exporter_postcode	String(35)	Yes - if EORI is not known	Yes - if EORI is not known	Yes - if EORI is not known	Exporter postcode only required if EORI is not known
exporter_country	Alpha (2)	Yes - if EORI is not known	Yes - if EORI is not known	Yes - if EORI is not known	Exporter country only required if EORI is not known. Download a list of available choices as per Section 13
importer_parent_organisation_eori	String (40) 2 Alpha followed by Alpha Numeric	No	No	No	XI EORIs are not accepted until the 'TSS XI EORI CDS Implementation Date' has passed. Until then, please continue to use the GB version instead.

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movement_type	String (40)	Yes	Yes	Yes	Download a list of available choices as per Section 13 Please note that where 'RoRo Unaccompanied'(1a) and 'RoRo Accompanied'(3a) have been entered at ENS Declaration Header they will have been set to 'RoRo Accompanied / Unaccompanied' (3). 'RoRo Unaccompanied'(1a) and 'RoRo Accompanied'(3a) are not valid values at the Supplementary Declaration level.
destination_country	Alpha (2)	No	No	No	Download a list of available choices as per Section 13
nationality_of_transport	Alpha (2)	No If movement_type is Ro/Ro (Accompanied / Unaccompanied) this field is mandatory, otherwise it is not required and will not be processed	Yes	Yes	See mandatory requirements. Download a list of available choices as per Section 13
identity_no_of_transport	String (27)	Yes No if "Air" is selected as movement_type	Yes	Yes	The identity number of the transport
location_of_goods_border	String(32)	No	No	No	Either specify this field or location_of_goods_other. Download a list of available choices as per Section 13: sd_location_of_goods
location_of_goods_other	String(100)	No	No	No	Either specify this field or location_of_goods_border
freight_charge	String (10)	Yes – if incoterm is 'EXW', 'FCA' or 'FAS' otherwise not required	Yes – if incoterm is 'EXW', 'FCA' or 'FAS' otherwise not required	Yes – if incoterm is 'EXW', 'FCA' or 'FAS' otherwise not required	
freight_charge_currency	String (4)	Yes – if incoterm is 'EXW', 'FCA' or 'FAS' otherwise not required	Yes – if incoterm is 'EXW', 'FCA' or 'FAS' otherwise not required	Yes – if incoterm is 'EXW', 'FCA' or 'FAS' otherwise not required	Download a list of available choices as per Section 13
insurance	String (10)	No	No	No	

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insurance_currency	String (4)	No	No	No	Download a list of available choices as per Section 13
vat_adjustment	String (10)	No	No	No	
vat_adjust_currency	String (4)	No	No	No	Download a list of available choices as per Section 13
total_invoice	String (10)	N/A	N/A	N/A	
total_invoice_currency	String (4)	N/A	N/A	N/A	
exchange_rate	String (10)	No	No	No	
postponed_vat	yes/no	Yes	Yes	Yes	Are you using postponed VAT accounting
vat_number	String (11)	Yes – if postponed_vat is "yes"	Yes	Yes	VAT Number (for PVA) is only required if Use Postponed VAT Accounting is Yes.
incoterm	String (3)	Yes	Yes	Yes	Download a list of available choices as per Section 13
un_locode	String (5)	Conditional	Conditional	Conditional	Either specify un_locode only or specify delivery_location_country and delivery_location_town Download a list of available choices as per Section 13
delivery_location_country	Alpha (2)	Conditional	Conditional	Conditional	Either specify un_locode only or specify delivery_location_country and delivery_location_town Download a list of available choices as per Section 13
delivery_location_town	String(37)	Conditional	Conditional	Conditional	The delivery location town. Either specify un_locode only or specify delivery_location_country and delivery_location_town
amendment_justification	String(300)	No	No	No	Justification for the amendment
header_previous_document	Nested field (see example below)				This is a header for the header previous document data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be "create", "update" or "delete"	Yes	Yes	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
previous_document_ref	String (35)	No	Yes	Yes	Previous document reference
previous_document_class	String(1)	No	Yes	Yes	Download a list of available choices as per Section 13
previous_document_type	String(3)	No	Yes	Yes	Download a list of available choices as per Section 13
holder_of_authorisation	Nested field (see example below)				This is a header for the holder of authorisation data that is required. Repeat the fields within this header for each set of data required.

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op_type	String Value supplied must be “create”, “update” or “delete”	Yes	Yes	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
auth_role_id	String(17)	No	No	No	Authorisation Role ID
auth_type_code	String(5)	No	No	No	Download a list of available choices as per Section 13
eori	String(17)	No	No	No	Mandatory if “auth_role_type” is “BY or “SE” and “eori_unknown” is not “true”.
eori_unknown	Boolean(true/ false) (5)	No	No	No	
name	String(35)	No	No	No	Mandatory if “eori_unknown” is “true”. Name of Buyer or Seller.
street_and_number	String(35)	No	No	No	Mandatory if “eori_unknown” is “true”.
country	String(2)	No	No	No	Mandatory if “eori_unknown” is “true”. Download a list of available choices as per Section 13
postcode	String(9)	No	No	No	Mandatory if “eori_unknown” is “true”.
city	String(35)	No	No	No	Mandatory if “eori_unknown” is “true”.
phone_number	String(50)	No	No	No	
header_additions_deductions	Nested field (see example below)				This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below).
op_type	String Value supplied must be “create”, “update” or “delete”	Yes	Yes	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
addition_deduction_code	String(2)	No	Yes	Yes	Download a list of available choices as per Section 13
addition_deduction_value	Numeric(10)	No	Yes	Yes	The value of the addition or deduction in Pounds Sterling
addition_deduction_currency	String (3)	Yes	Yes	Yes	

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An example update for a supplementary declaration payload might look like the following:


```
{
"op_type":"update",
"sup_dec_number":"SUP000000000001077",
"declaration_choice":"H1",
"controlled_goods":"no",
"additional_procedure":"no",
"supervising_customs_office":"",
"customs_warehouse_identifier":"",
"goods_domestic_status":"D",
"exporter_eori":"GB12345678901234",
"exporter_name":"",
"exporter_street_number":"",
"exporter_city":"",
"exporter_postcode":"",
"exporter_country":"",
"total_packages":"12",
"movement_type":"3",
"nationality_of_transport":"GB",
"identity_no_of_transport":"HD60 1XL XX1254POL",
"freight_charge":"",
"freight_charge_currency":"",
"insurance":"",
"insurance_currency":"",
"vat_adjustment":"",
"vat_adjust_currency":"",
"total_invoice":"",
"total_invoice_currency":"",
"exchange_rate":"",
"postponed_vat":"no",
"vat_number":"",
"incoterm":"DAP",
"delivery_location_country":"GB",
"delivery_location_town":"Belfast",
"header_previous_document": [
        {
        "op_type": "create",
        "previous_document_class": "X",
```


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```
            "previous_document_type": "355",
            "previous_document_ref": "80085"
            }
],
"holder_of_authorisation": [
            {
            "op_type": "create",
            "auth_role_id": "GB000012340001",
            "auth_type_code": "SDE"
            }
],
"header_additions_deductions": [
            {
            "op_type": "create",
            "addition_deduction_code": "AE",
            "addition_deduction_value": "150",
            "addition_deduction_currency": "gbp"
            }
]
}
```


A successful update of a supplementary declaration will return a payload similar to the below:


```
{"result": {
    "status": "updated",
    "process_message": "SUCCESS",
    "reference": "SUP000000000001077"
}}
```


The fields in the response payload to check are:

a) The *status* says “updated”
b) The *process_message* says “SUCCESS”
c) The *reference* will hold the number of the Supplementary Declaration that was updated.

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11.26. Supplementary declaration (submit)

In order to submit existing supplementary declaration, a POST method must be sent. The content of the data payload should be in the following format. A submit can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If a submit is not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "submit"	Yes	This will be used to indicate the type of transaction being sent.
sup_dec_number	String (40)	Yes	The previous supplied number of a supplementary declaration

An example payload might look like the following:

```
{
"op_type":"submit",
"sup_dec_number": "SUP000000000001077"
}
```

A successful submit of a supplementary declaration record will return a payload similar to the below:

```
{"result": {
    "status": "submitted",
    "process_message": "SUCCESS",
    "reference": "SUP000000000001077"
}}
```

The fields in the response payload to check are:

d) The *status* says "submitted"
e) The *process_message* says "SUCCESS"
f) The *reference* will hold the number of the supplementary declaration which has been submitted.

11.27. Supplementary declaration (recall)

If an existing supplementary declaration is in a state of "Pending Payment" it is possible to recall it in order to make changes in preparation to re-submitting it. This will change the supplementary declaration to a state of "Draft". A POST method must be sent with the following information.

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Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "recall"	Yes	This will be used to indicate the type of transaction being sent.
sup_dec_number	String (40)	Yes	The previous supplied number of a supplementary declaration

An example payload might look like the following:

```
{
"op_type":"recall",
"sup_dec_number": "SUP000000000001077"
}
```

A successful recall of a supplementary declaration record will return a payload similar to the below:

```
{"result": {
    "status": "recalled",
    "process_message": "SUCCESS",
    "reference": "SUP000000000001077"
}}
```

The fields in the response payload to check are:

g) The *status* says "recalled"
h) The *process_message* says "SUCCESS"
i) The *reference* will hold the number of the supplementary declaration which has been recalled.

11.28. Supplementary declaration, goods item duty lines (read)

In order to return for a specific date period, all supplementary declaration goods Item duty lines inclusive of the supplementary declaration number (reference), goods_item_number, and goods_reference, a GET method must be sent. The GET will be structured as below:

Note: The mandatory 'date_range' parameter must not exceed a total of 7 calendar days; otherwise, the API call is rejected. The optional 'type_code' parameter permits one or many duty type codes to be specified. If the 'type_code' parameter is not provided, then no restriction on type code is applied.

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GET https://*<instance_name>*/api/x_fhmrc_tss_api/v1/tss_api/supplementary_declarations?*<parameters>*
Where;

<instance_name>	will be according to the table above entitled “Environments”
<parameters>	the parameters available are:
date_range	This allows you to provide the mandatory condition to query supplementary declaration(s) with an arrival date within the date range provided. The date range provided must be in the following format ‘dd/mm/yyyy - dd/mm/yyyy’ and not exceed a total of 7 calendar days.
type_code	This is an optional comma separated list to specify the duty type code(s) to filter on, there is no restriction on type code if not provided.

An example read request to obtain supplementary declaration goods Item duty lines might look like the following:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/supplementary_declarations?date_range=21/01/2023 - 25/01/2023&type_code=A50, B00
```

A successful request will return a payload similar to the example below, errors are explained in Section 12 below:

```
{
  "result": {
    "SUP000000000003673": {
      "reference": "SUP000000000003673",
      "duty_lines": [
        {
          "goods_reference": "7da293cc1b22551004473325464bcb2d",
          "goods_item_number": "1",
          "duty": "2.08",
          "duty_vat": "0.00",
          "duty_excise": "0.00",
          "duty_total": "2.08",
          "tax_assessed_amount": "0.00",
          "duty_type_code": "B00"
        },
        {
          "goods_reference": "7da293cc1b22551004473325464bcb2d",
          "goods_item_number": "1",
          "duty": "2.08",
          "duty_vat": "0.00",
```


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```
            "duty_excise": "0.00",
            "duty_total": "2.08",
            "tax_assessed_amount": "2.08",
            "duty_type_code": "A50"
          }
        ]
      },
      "SUP000000000003866": {
        "reference": "SUP000000000003866",
        "duty_lines": [
          {
            "goods_reference": "548354471b04755004473325464bcbbb",
            "goods_item_number": "2",
            "duty": "22.74",
            "duty_vat": "0.00",
            "duty_excise": "0.00",
            "duty_total": "22.74",
            "tax_assessed_amount": "1.05",
            "duty_type_code": "A50"
          },
          {
            "goods_reference": "548354471b04755004473325464bcbbb",
            "goods_item_number": "2",
            "duty": "22.74",
            "duty_vat": "0.00",
            "duty_excise": "0.00",
            "duty_total": "22.74",
            "tax_assessed_amount": "0.00",
            "duty_type_code": "B00"
          },
          {
            "goods_reference": "faf081da1b2821106d4fec60f54bcb70",
            "goods_item_number": "1",
            "duty": "22.74",
            "duty_vat": "0.00",
            "duty_excise": "0.00",
            "duty_total": "22.74",
            "tax_assessed_amount": "0.00",
```


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```
            "duty_type_code": "B00"
          },
          {
            "goods_reference": "faf081da1b2821106d4fec60f54bcb70",
            "goods_item_number": "1",
            "duty": "22.74",
            "duty_vat": "0.00",
            "duty_excise": "0.00",
            "duty_total": "22.74",
            "tax_assessed_amount": "21.69",
            "duty_type_code": "A50"
          }
        ]
      }
    }
}}
```


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11.29. Full frontier declaration (create, update)

In order to create or update a full frontier declaration a POST method must be used and the following data payload must be sent. The mandatory status applies to both create and update unless specifically called out. All fields you require populated must be sent for both create and update. This means if you leave an optional field empty it will be blanked or set back to the systems default value. If you wish to empty an optional field then leave it blank, if you need it to stay the same then send the existing value. Updates can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If an update is not allowed then an error will be returned. For information about the H1 to H4 categories please refer to the related guides mentioned in Section 5.

Field Name	Format	Mandatory				Usage
		H1	H2	H3	H4	
op_type	String(6) Value supplied must be “create” or “update”	M	M	M	M	This will be used to indicate the type of transaction being sent. See mandatory requirements to check which fields are required for each op_type or FFD type.
ffd_number	String (40)	No - create Yes - update				The Full Frontier Declaration (FFD) number you wish to update
declaration_choice	String(2)	M	M	M	M	Please see guides in Section 5 for usage Download a list of available choices as per Section 13 using the ffd_declaration_choice option
declaration_category	String(3)	M	M	M	M	Please see guides in Section 5 for usage Download a list of available choices as per Section 13
arrival_date_time	Date/Time (UTC) dd/mm/yyyy hh:mm:ss	C	C	C	C	Date and time of arrival. Cannot be in the past. Must be after 01/01/2021 00:00:00 and cannot be more than 14 days in the future. Mandatory unless declaration_category = IMA then N/A
carrier_eori	String (200) 2 Alpha followed by Alpha Numeric	M	M	M	M	Carrier EORI. GB EORIs are not accepted, use the XI version instead. The following address fields are not required if using an XI carrier EORI.

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haulier_eori	String (200) 2 Alpha followed by Alpha Numeric	O	O	O	O	Haulier EORI if different from carrier
align_ukims	yes/no	O	O	O	O	If 'yes; is selected, a check will be made as to whether the importer holds EORI that has been aligned to UKIMS. This check shall be made by checking the UKIMS document record associated with the trader account for the importer. If a matching document record is found, then the importer EORI is set to the 'Associated EORI' value from the identified record.
importer_eori	String (200) 2 Alpha followed by Alpha Numeric	O	O	O	O	Importer EORI is set by default to the GB EORI of the TSS API user on create. If available and valid, the XI EORI will be used by default. The option to then use either the GB OR XI EORI is available via an update call.
importer_name	String(35)	C	C	C	C	The importer address fields are mandatory if the Importer EORI is 'GB' prefixed and the account associated with the EORI is private, and the API user is not submitting on behalf of themselves or acting on behalf of the importer.
importer_street_number	String(35)	C	C	C	C	
importer_city	Alpha (2)	C	C	C	C	
importer_postcode	String(35)	C	C	C	C	
importer_country	String(35)	C	C	C	C	
exporter_eori	String (200) 2 Alpha followed by Alpha Numeric	M	N/A	M	M	XI EORIs are not accepted until the 'TSS XI EORI CDS Implementation Date' has passed. Until then, please continue to use the GB version instead. European EORIs are accepted. If EORI is not supplied then the following exporter fields are ALL mandatory
exporter_name	String(35)	C	N/A	C	C	Exporter name only required if EORI is not known
exporter_city	String(35)	C	N/A	C	C	Exporter city only required if EORI is not known

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exporter_country	Alpha (2)	C	N/A	C	C	Exporter country only required if EORI is not known. Download a list of available choices as per Section 13
exporter_postcode	String(35)	C	N/A	C	C	Exporter postcode only required if EORI is not known
exporter_street_number	String(35)	C	N/A	C	C	Exporter street and number only required if EORI is not known
customs_warehouse_identifier	String(18)	O	M	O	O	
un_locode	String(3)	C	N/A	C	C	Either specify un_locode only or specify delivery_location_country and delivery_location_town Download a list of available choices as per Section 13
delivery_location_country	Alpha(2)	C	N/A	C	C	Either specify un_locode only or specify delivery_location_country and delivery_location_town Download a list of available choices as per Section 13
delivery_location_town	String(32)	C	N/A	C	C	Either specify un_locode only or specify delivery_location_country and delivery_location_town
destination_country	Alpha(2)	M	M	M	M	Download a list of available choices as per Section 13
exchange_rate	String(12)	O	N/A	O	O	
freight_charge	String(10)	O	N/A	O	O	
freight_charge_currency	String(3)	O	N/A	O	O	Download a list of available choices as per Section 13
goods_domestic_status	String(1)	M	M	M	M	
special_authorisation	String(3)	M	M	M	M	Download a list of available choices as per Section 13
identity_no_of_transport	String(27)	M	N/A	M	M	
incoterm	String(3)	M	N/A	M	M	Download a list of available choices as per Section 13
insurance	String(10)	O	N/A	O	O	
insurance_currency	String (3)	O	N/A	O	O	Download a list of available choices as per Section 13
nationality_of_transport	String(2)	M	O	M	M	
representation_type	String(2)	M	R/O	R/O	R/O	Download a list of available choices as per Section 13
supervising_customs_office	String(8)	O	M	M	M	
total_invoice	String(13,2)	N/A	N/A	N/A	N/A	

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total_invoice_currency	String(3)	N/A	N/A	N/A	N/A	
total_packages	String(8)	M	M	M	M	
trader_reference	String(100)	O	O	O	O	
vat_adjustment	String(10)	O	N/A	O	O	
vat_adjust_currency	String(3)	O	N/A	O	O	Download a list of available choices as per Section 13
mode_of_transport	String(2)	M	M	M	M	Download a list of available choices as per Section 13
icr	String(25)	C	C	C	C	Mandatory if mode_of_transport is ”4”
dispatch_country	String(2)	M	M	M	M	Download a list of available choices as per Section 13
location_of_goods_border	String(32)	C	C	C	C	Either specify this field or location_of_goods_other. Download a list of available choices as per Section 13: ffd_location_of_goods
location_of_goods_other	String(100)	C	C	C	C	Either specify this field or location_of_goods_border
method_of_payment	String(3)	M	M	M	M	Download a list of available choices as per Section 13
mode_of_transport	String(2)	M	M	M	M	Download a list of available choices as per Section 13
inland_mode_of_transport	String(2)	O	O	O	O	Download a list of available choices as per Section 13
maritime_inventory	String (32)	C	C	C	C	Mandatory if “mode_of_transport” is “1” (Maritime)
agent_representative	yes/no	O	O	O	O	Mandatory for agent (actAs parameter used) where Method of Payment is ‘Agent N/P’ or Agent E/R’.
header_additions_deductions	Nested field (see example below)	O	N/A	O	O	This is a header for a nested payload. Repeat the fields within this header for each set of data required. If the header is supplied all fields are then mandatory
op_type	String Value supplied must be “create”, “update” or “delete”	M	N/A	M	M	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
addition_deduction_code	String(2)	M	N/A	M	M	Download a list of available choices as per Section 13

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addition_deduction_currency	String(3)	M	N/A	M	M	Download a list of available choices as per Section 13
addition_deduction_value	Numeric(10)	M	N/A	M	M	The value of the addition or deduction
header_previous_document	Nested field (see example below)					This is a header for the header previous document data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be create, update or delete	M	M	M	M	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below).
previous_document_class	String(1)	M	M	M	M	Download a list of available choices as per Section 13
previous_document_item_identifier	Integer(3)	O	O	O	O	
previous_document_ref	String (35)	M	M	M	M	Previous document reference. This field will be used as the unique reference for updates and deletes.
previous_document_type	String(3)	M	M	M	M	Download a list of available choices as per Section 13
holder_of_authorisation	Nested field (see example below					This is a header for the holder of authorisation data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be “create”, “update” or “delete”	M	M	M	M	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference
auth_role_id	String(17)	O	N/A	O	O	Authorisation Role ID.
auth_role_type	String(3)	O	N/A	O	O	Authorisation Role Type. Download a list of available choices as per Section 13
auth_type_code	String(5)	O	N/A	O	O	Authorisation Type Code. Download a list of available choices as per Section 13
eori	String(17)	O	N/A	O	O	Mandatory if “auth_role_type” is “BY or “SE” and “eori_unknown” is not “true”.

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eori_unknown	Boolean(true/ false) (5)	O	N/A	O	O	
name	String(35)	O	N/A	O	O	Mandatory if “eori_unknown” is “true”. Name of Buyer or Seller.
street_and_number	String(35)	O	N/A	O	O	Mandatory if “eori_unknown” is “true”.
country	String(2)	O	N/A	O	O	Mandatory if “eori_unknown” is “true”. Download a list of available choices as per Section 13
postcode	String(9)	O	N/A	O	O	Mandatory if “eori_unknown” is “true”.
city	String(35)	O	N/A	O	O	Mandatory if “eori_unknown” is “true”.
phone_number	String(50)	O	N/A	O	O	
guarantee_types	Nested field					This is a header for the guarantee types. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be “create”, “update” or “delete”	M	M	M	M	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference
guarantee_type	String(1)	O	O	O	O	Download a list of available choices as per Section 13
guarantee_reference_number	String(35)	O	O	O	O	

Mandatory code explanations;

- M - The field is mandatory
- O - The field is optional
- C - The field is mandatory but under various conditions, please read either more wording in that column and/or the usage column for further help
- R/O - The field is writable in some conditions but only readable under this condition
- N/A - The field is not available for this scenario

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An example payload might look like the following:


```
{
  "op_type": "create",
  "ffd_number": "",
  "declaration_choice": "H1",
  "declaration_category": "IMZ",
  "method_of_payment": "H",
  "mode_of_transport": "3",
  "icr":"",
  "inland_mode_of_transport":"3",
  "arrival_date_time": "31/07/2021 18:00:00",
  "carrier_eori": "XI000012340005",
  "haulier_eori": "XI000012340005",
  "exporter_eori": "GB000012340005",
  "exporter_name": "",
  "exporter_city": "",
  "exporter_country": "",
  "exporter_postcode": "",
  "exporter_street_number": "",
  "customs_warehouse_identifier": "213123",
  "deferment_account_number": "123123",
  "delivery_location_country": "GB",
  "delivery_location_town": "Belfast",
  "destination_country": "GB",
  "dispatch_country": "GB",
  "exchange_rate": "213",
  "freight_charge": "21312",
  "freight_charge_currency": "GBP",
  "goods_domestic_status": "D",
  "location_of_goods_border": "",
  "location_of_goods_other": "DUBLIN",
  "identity_no_of_transport": "123123",
  "incoterm": "CFR",
  "insurance": "12323",
  "insurance_currency": "GBP",
  "movement_type": "",
  "nationality_of_transport": "GB",
  "representation_type": "2",
  "standard_unit_import_valuation": "no",
  "supervising_customs_office": "GBAVO001",
```


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```
  "total_invoice": "123123",
  "total_invoice_currency": "GBP",
  "total_packages": "3",
  "trader_reference": "FFD Test",
  "vat_adjustment": "12321",
  "vat_adjust_currency": "GBP",
  "special_authorisation": "no",
  "header_additions_deductions": [
    {
      "op_type": "create",
      "addition_deduction_code": "AE",
      "addition_deduction_currency": "GBP",
      "addition_deduction_value": "2"
    }
  ],
  "header_previous_document": [
    {
      "op_type": "create",
      "previous_document_class": "X",
      "previous_document_item_identifier": "",
      "previous_document_ref": "1234",
      "previous_document_type": "355"
    }
  ],
  "holder_of_authorisation": [
    {
      "op_type": "create",
      "auth_role_id": "",
      "auth_role_type": "",
      "auth_type_code": ""
    }
  ]
}
```


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A successful creation will return the new FFD number similar to the below:

```
{"result": {
    "status": "created",
    "process_message": "SUCCESS",
    "reference": "FFD000000000002315"
}}
```

The fields in the response payload to check are:

a) The *status* says “created”
b) The *process_message* says “SUCCESS”
c) The *reference* will hold the number of the declaration which has been created.

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11.30. Full frontier declaration (read)

In order to read an existing full frontier declaration a GET method must be sent. The GET will be structured as below:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/full_frontier_declarations?<parameters>
```

Where;

<instance_name>	will be according to the table above entitled “Environments”
<parameters>	The parameters required are
reference	This is the reference number of the full frontier declaration
fields	This is a comma separated list of the fields to that you want their values to be returned. If no fields are provided then no fields will be returned, therefore a minimum of one field must be specified.

If one of the fields requested is a nested payload then all existing nested records in that section will be returned.

The list of fields available are those mentioned in the create resource above plus any others listed below:

Field Name	Format	Usage
status	String	The current status of the declaration - Draft - Submitted - Processing - Trader Input Required - Authorised for Movement - Amendment Required - Arrived - Cancelled - Do Not Load
control_status	String	Comma separated list of status’s
movement_reference_number	String	The movement reference number allocated
eori_for_eidr	String	
importer_eori	String	
guarantee_reference_number	String	If TSS DDA is used
guarantee_type	String	If TSS DDA is used
clear_date_time	dd/mm/yyyy hh:mm:ss (UTC)	Clearance date and time
tax_point	dd/mm/yyyy hh:mm:ss (UTC)	Tax point date and time
deferment_account_number	String	Deferment account number
error_code	String	Not currently used

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error_message	String	Error message if consignment is in error

For nested payloads, it is not possible to select only a single sub-field so a whole top-level field needs to be supplied. For example *holder_of_authorisation* is allowed but the sub-field of *auth_type_code* is not.

An example read request might look like the following:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/
full_frontier_declarations?reference=FFD000000000002315&fields=status,arrival_date_time,importer_eori,movement_reference_number,tax_point,holder_of_authorisation
```

A successful request will return a payload similar to the example below, errors are explained in Section 12 below:

```
{"result": {
"reference":"FFD000000000002315",
“status”:”draft”,
“arrival_date_time”:”11/08/2021 10:00:00”,
"importer_eori":"GB1234567890123",
"movement_reference_number":"REF12345",
"tax_point":"",
"holder_of_authorisation": [
        {
        "auth_role_id": "GB000012340001",
        "auth_type_code": "SDE"
        }
]
}}
```


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11.31. Full frontier declaration (submit)

In order to submit existing full frontier declaration, a POST method must be sent. The content of the data payload should be in the following format. A submit can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If a submit is not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "submit"	Yes	This will be used to indicate the type of transaction being sent.
ffd_number	String (40)	Yes	The previous supplied number of a declaration

An example payload for a submit might look like the following:

```
{
"op_type":"submit",
"ffd_number": "FFD000000000002315"
}
```

A successful submit of a declaration record will return a payload similar to the below:

```
{"result": {
    "status": "submitted",
    "process_message": "SUCCESS",
    "reference": "FFD000000000002315"
}}
```

The fields in the response payload to check are:

d) The *status* says "submitted"
e) The *process_message* says "SUCCESS"
f) The *reference* will hold the number of the declaration which has been submitted.

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11.32. Maritime Inventory Claim (create, update)

In order to create or update a maritime inventory claim record, a POST method must be sent. The content of the data payload should be in the following format. An update can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If an update is not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be “create” or “update”	Yes	This will be used to indicate the type of transaction being sent.
icr_number	String (40)	No for create Yes for update	
container_number	String (14)	Yes	
bill_of_lading	String (19)	Yes	
final_destination_location_code	String (32)	Yes	Download a list of available choices as per Section 13
package_count	Numeric (40)	No	
load_type	String (4)	Yes	Download a list of available choices as per Section 13
cargo_or_consignment	String (20)	Yes	Download a list of available choices as per Section 13
weight	Numeric (8,3)	No	Weight in Kg with up to three decimal places

An example payload for a create POST might look like the following:

```
{
"op_type":"create",
"icr_number": "",
"container_number": "53543535588",
"bill_of_lading": "Test Bill",
"final_destination_location_code": "GBAULDYLDYLDY",
"package_count": "24",
"load_type": "mix",
"cargo_or_consignment": "cargo",
"weight": "44"
}
```


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A successful create of a claim record will return a payload similar to the below:

```
{"result": {
    "status": "created",
    "process_message": "SUCCESS",
    "reference": "ICR000000000001294"
}}
```

The fields in the response payload to check are:

g) The *status* says “created”
h) The *process_message* says “SUCCESS”
i) The *reference* will hold the number of the claim which has been created.

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11.33. Maritime Inventory Claim (submit, cancel)

In order to either submit or cancel an existing inventory claim, a POST method must be sent. The content of the data payload should be in the following format. A submit or cancel can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If a submit or cancel are not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "submit" or "cancel"	Yes	This will be used to indicate the type of transaction being sent.
icr_number	String (40)	Yes	The number of the claim record to cancel

An example payload for a cancel POST might look like the following:

```
{
"op_type":"cancel",
"icr_number": "ICR000000000001294"
}
```

A successful cancellation of a claim will return a payload similar to the below:

```
{"result": {
    "status": "cancelled",
    "process_message": "SUCCESS",
    "reference": "ICR000000000001294"
}}
```

The fields in the response payload to check are:

j) The *status* says "cancelled"
k) The *process_message* says "SUCCESS"
l) The *reference* will hold the number of the claim which has been cancelled.

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11.34. Maritime Inventory Claim (read)

In order to read an existing inventory claim a GET method must be sent. The GET will be structured as below:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/inventory_claim?<parameters>
```

Where;

<instance_name>	will be according to the table above entitled “Environments”
<parameters>	The parameters required are
reference	This is the reference number of the full frontier declaration
fields	This is a comma separated list of the fields to that you want their values to be returned. If no fields are provided then no fields will be returned, therefore a minimum of one field must be specified.

If one of the fields requested is a nested payload then all existing nested records in that section will be returned.

The list of fields available are those mentioned in the create resource above plus any others listed below:

Field Name	Format	Usage
Status	String	The current status of the declaration - Draft - On hold - Processing - In claiming - Claimed - Linked - Released - Siezed - Customs cleared - Input required - Cancelled
Lrn	String	
date_of_claim	dd/mm/yyyy hh:mm (UTC)	Date the claim was created
hold_reason	String	Reason the claim is on hold
Ucn	String	
error_text	String	Error message if consignment is in error

For nested payloads, it is not possible to select only a single sub-field so a whole top-level field needs to be supplied.

An example read request might look like the following:

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```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/inventory_claim?
reference=ICR000000000001295&fields=package_count,weight,status,final_destination_location_code,load_type,cargo_or_consignment,bill_of_lading,ucn,container_number,error_text,ucn,hold_reason,date_of_claim,lrn
```

A successful request will return a payload similar to the example below, errors are explained in Section 12 below:

```
{ "result": {
      "reference": "ICR000000000001295",
      "status": "Draft",
      "container_number": "12345675589",
      "bill_of_lading": "TEST BILLL",
      "final_destination_location_code": "GBAULDYLDYLDY",
      "package_count": "2435078",
      "load_type": "MIX",
      "cargo_or_consignment": "Cargo",
      "weight": "25",
      "ucn": "",
      "hold_reason": "",
      "date_of_claim": "",
      "lrn": "",
      "error_text": ""
  }
}
```


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11.35. Agent relationships

If you are an agent acting on behalf of multiple customers then you will now be able to use some of the resources by acting on their behalf. Registration and approval to act on behalf of your customer is only available via the portal but once registered you can obtain a list of your customers and the *customer_account_sys_id* information for them in order to use the actAs feature. In order request a list of customers and details a GET method must be sent. The GET will be structured as below:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/agent_relationships
```

Where;

<instance_name> will be according to the table above entitled “Environments”

An example request might look like the following:

```
GET https://api.tradersupportservice.co.uk/api/x_fhmrc_tss_api/v1/tss_api/agent_relationships
```


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A successful request will return a payload similar to the example below, errors are explained in Section 12 below:


```
{"result": [
    {
      "agent_account": "Goods by Good",
      "customer_account": "Method of Payment Inc",
      "customer_account_sys_id": "6db250371bcdf01004473325464bcbf0"
    },
    {
      "agent_account": "Goods by Good",
      "customer_account": "Safety First Ltd",
      "customer_account_sys_id": "82ec74a41ba9ac1052e37c95464bcbf0"
    },
    {
      "agent_account": "Goods by Good",
      "customer_account": "Trader Five",
      "customer_account_sys_id": "2c64e9d61b7cec104ce88732f54bcbd7"
    },
    {
      "agent_account": "Goods by Good",
      "customer_account": "Nathan's Payments LLC",
      "customer_account_sys_id": "5e753ca91bb93c90932121f0b24bcb06"
    }
  ]
}
```


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11.36. Agent actAs

As mentioned above if you are an agent acting on behalf of multiple customers then you will now be able to use some of the resources and act on their behalf. Registration and approval to act on behalf of your customer(s) is only available via the portal but once registered you can then use the following feature.

For each of the resources you can now add an additional parameter to act on behalf of your customer(s). Using the Agent relationship call mentioned above you will receive a *customer_account_sys_id* for each customer. Using this in the following way will allow you to enter and read data as if you were them.

Add the actAs parameter and specify the *customer_account_sys_id* for the customer required.

```
GET https://api.tradersupportservice.co.uk/api/x_fhmrc_tss_api/v1/tss_api/
headers?reference=ENS000000000003295&actAs=6db250371bcdf01004473325464bcbf0&fields=status,movement_type
```

If the actAs value supplied is correct then you would then expect to see the result, so for this example;

```
{"result": {
"reference": "ENS000000000003295",
"status": "Draft",
"movement_type": "3"
}}
```

This will look the same as if the customer themselves placed the request

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11.37. Goods Vehicle Movement Service (GVMS) (Create)

This should be used to create a Goods Movement Record (GMR) which will link Authorised for Movement or Arrived consignments under a single reference. To use this service, TSS must have authorisation to generate GMR's on your behalf, if authorisation has not been provided an error will be returned. In order to create Goods Movement Record a POST method must be used and the following data payload must be sent. All fields you require populated must be sent for both create and update.

Note: For 'Arrived' consignments, this is only where the SFD has not been integrated to CDS (i.e. held in EIDR, EIDR=true)

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "create"	Yes	This will be used to indicate the type of transaction being sent.
ens_lrn	String (40)	Yes	The reference number of the ENS header. Note: An error will be returned if the supplied "ens lrn" already has an active GMR associated with it.
route_id	String (3)	Yes	The GVMS route to be used. Download a list of available choices as per Section 13
is_unaccompanied	yes/no	Yes	Specify if the movement is unaccompanied.
vehicle_reg_num	Regular Expression: ^[A-Z0-9-](?:[A-Z0-9 -]{1,30})?)$	Yes if is_unaccompanied is 'no'	Vehicle Registration number
trailer_registration_nums	Array of strings - min 1, max 2 Regular Expression: ^[A-Z0-9-](?:[A-Z0-9 -]{1,199})?$	Yes if is_unaccompanied is 'yes'	Trailer Registration number(s)
external_contacts	Nested field (see example below)		This is a header to provide external contact data if required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be "create" or "update"	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
contact_email	String (40)	No	A valid email address format must be provided.

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An example create for a GVMS GMR payload might look like the following:

```
{
"op_type":"create",
"ens_lrn": "ENS000000000004042",
"route_id": "2",
"is_unaccompanied": "no",
"vehicle_reg_num": "LA21VVY",
"trailer_registration_nums": "",
"external_contacts": [
{
"op_type": "create",
"contact_email": "jb1@domain.com"

},

{
"op_type": "create",
"contact_email": "jb2@domain.com"

},

{
"op_type": "create",
"contact_email": "jb3@domain.com"

}
]

}
```

A successful create of a GVMS GMR will return a payload similar to the below:

```
{
   "result": {
      "status": "created",
      "process_message": "SUCCESS",
      "reference": "GMR000000000001081"
   }
}
```


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The fields in the response payload to check are:

a) The *status* says “created”
b) The *process_message* says “SUCCESS”
c) The *reference* will hold the number of the GMR that was created.

11.38. Goods Vehicle Movement Service (GVMS) (Update)

In order to update a Goods Movement Record a POST method must be used and the following data payload must be sent. All fields you require populated must be sent for an update. This means if you leave an optional field empty it will be blanked or set back to the systems default value. If you wish to empty an optional field then leave it blank, if you need it to stay the same then send the existing value. Updates can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If an update is not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be “update”	Yes	This will be used to indicate the type of transaction being sent.
gmr_lrn	String (40)	Yes	The reference number of the GMR record. Previously supplied in the response for a Create action.
route_id	String (3)	Yes	The GVMS route to be used. Download a list of available choices as per Section 13
is_unaccompanied	yes/no	Yes	Specify if the movement is unaccompanied.
vehicle_reg_num	Regular Expression: ^[A-Z0-9-](?:[A-Z0-9 -]{1,30})?)$	Yes if is_unaccompanied is ‘no’	Vehicle Registration number.
trailer_registration_nums	Array of strings - min 1, max 2 Regular Expression: ^[A-Z0-9-](?:[A-Z0-9 -]{1,199})?$	Yes if is_unaccompanied is ‘yes’	Trailer Registration number(s).
external_contacts	Nested field		This is a header to provide external contact data if required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be “create” or “update”	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each. The next field will be used as the unique reference.
contact_email	String (40)	No	A valid email address format must be provided.

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An example update for a GVMS GMR payload might look like the following:

```
{
"op_type":"update",
"gmr_lrn": "GMR000000000001081",
"route_id": "178",
"is_unaccompanied": "yes",
"vehicle_reg_num": "",
"trailer_registration_nums": "LA12VVY, BA12VVL"
}
```

A successful update of a GVMS GMR will return a payload similar to the below:

```
{
   "result": {
      "status": "updated",
      "process_message": "SUCCESS",
      "reference": "GMR000000000001081"
   }
}
```

The fields in the response payload to check are:

a) The *status* says “updated”
b) The *process_message* says “SUCCESS”
c) The *reference* will hold the number of the GMR that was created

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11.39. Goods Vehicle Movement Service (GVMS) (Submit)

In order to submit existing Goods Movement Record, a POST method must be sent. The content of the data payload should be in the following format. A submit can only be performed under certain circumstances, for instance the state of the GMR record must be Draft, Open or Trader Input Required. If a submit is not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "submit"	Yes	This will be used to indicate the type of transaction being sent.
gmr_lrn	String (40)	Yes	The previous supplied number of a GMR

An example payload might look like the following:

```
{
"op_type":"submit",
"gmr_lrn": "GMR000000000001081"
}
```

A successful submit of a GVMS GMR will return a payload similar to the below:

```
{"result": {
    "status": "submitted",
    "process_message": "SUCCESS",
    "reference": "GMR000000000001081"
}}
```

The fields in the response payload to check are:

a) The *status* says "submitted"
b) The *process_message* says "SUCCESS"
c) The *reference* will hold the number of the GVMS GMR record which has been submitted.

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11.40. Goods Vehicle Movement Service (GVMS) (Read)

In order to read an existing Goods Movement Record a GET method must be sent. The GET will be structured as below:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/gvms_gmr?<parameters>
```

Where:

<instance_name> will be according to the table above entitled “Environments”

<parameters> The parameters required are

reference This is the reference number of the GMR

fields This is a comma separated list of the fields to that you want their values to be returned. If no fields are provided then no fields will be returned, therefore a minimum of one field must be specified.

If one of the fields requested is a nested payload then all existing nested records in that section will be returned.

The fields available to read are listed below:

Field Name	Format	Usage
gmr_lrn	String (40)	The reference number of the GMR record. Previously supplied in the response for a Create action.
ens_lrn	String	The reference number of the ENS header
route_id	String (3)	The GVMS route to be used. Download a list of available choices as per Section 13
vehicle_reg_num	Regular Expression: ^[A-Z0-9-](?:[A-Z0-9 -]{1,30})?)$	Vehicle Registration number.
trailer_registration_nums	Array of strings - min 1, max 2 Regular Expression: ^[A-Z0-9-](?:[A-Z0-9 -]{1,199})?$	Trailer Registration number(s).
gmr_id	String	Reference generated by a GMR
gmr_status	String	The current status of the GMR from - Draft - Submitted - Processing - Trader Input Required - Open - Finalised - Checked In - Embarked - Complete

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		- Pending Cancellation - Cancelled
error_reason	String	Error message if GMR is in error
direction	String	Route direction
is_unaccompanied	yes/no	Specify if the movement is unaccompanied.
inspection_required	yes/no	Used to indicate if an inspection is required.
report_to_locations	String	Holds inspection and location details if an inspection is required.
external_contacts	Nested element	Holds external contact(s) information

An example read request might look like the following:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api /gvms_gmr?reference=GMR000000000001083&fields=route_id, direction, ens_lrn,gmr_lrn, vehicle_reg_num, trailer_registration_nums, gmr_id, gmr_status, error_reason, inspection_required, report_to_locations
```

A successful request will return a payload similar to the example below, errors are explained in Section 12 below:

```
{
   "result": {
      "reference": "GMR000000000001083",
      "ens_lrn": "ENS000000000004042",
      "route_id": "178",
      "is_unaccompanied": "yes",
      "trailer_registration_nums": "LA122VVY, BA12VVL",
      "vehicle_reg_num": "",
      "gmr_id": "GMRC7SMLS4KS",
      "error_reason": "",
      "gmr_status": "Checked In",
      "direction": "GB_TO_NI"
      "report_to_locations": "",
      "inspection_required": "no"
   }
}
```


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11.41. Goods Vehicle Movement Service (GVMS) (Cancel)

In order to cancel an existing Goods Movement Record, a POST method must be sent. The content of the data payload should be in the following format. A cancel can only be performed under certain circumstances, for instance the state of the GMR record must be Draft, Open or Trader Input Required. If a cancel is not allowed then an error will be returned.

A successful cancellation of a GMR that is in the state of Open or Trader Input Required will result in the GMR being deleted from GVMS.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "cancel"	Yes	This will be used to indicate the type of transaction being sent.
gmr_lrn	String (40)	Yes	The previous supplied number of a GMR

An example payload might look like the following:

```
{
"op_type":"cancel",
"gmr_lrn": "GMR000000000001086"
}
```

A successful cancellation of a GVMS GMR will return a payload similar to the below:

```
{"result": {
    "status": "cancelled",
    "process_message": "SUCCESS",
    "reference": "GMR000000000001086"
}}
```

The fields in the response payload to check are:

d) The *status* says "cancelled"
e) The *process_message* says "SUCCESS"
f) The *reference* will hold the number of the G VMS GMR which has been cancelled.

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11.42. Internal Market Movement Standalone (create, update)

To create or update a standalone internal market movement a POST method must be used and the following data payload must be sent. The mandatory status applies to both create and update unless specifically called out. All fields you require populated must be sent for both create and update. This means if you leave an optional field empty it will be blanked or set back to the systems default value. If you wish to empty an optional field then leave it blank, if you need it to stay the same then send the existing value. Updates can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details.

Field Name	Format	Mandatory	Usage
op_type	String(6) Value supplied must be “create” or “update”	Yes	This will be used to indicate the type of transaction being sent. See mandatory requirements to check which fields are required for each op_type.
glr_number	String (40)	No – create Yes - update	The Internal Market Declaration (GLR) number you wish to update
internal_market	String(40)	Yes – create No - update	Must be set to ‘confirmed’ on create to confirm compliance with green lane conditions.
free_circulation_home_use	String(3)	Yes	Valid values are ‘Yes’ or ‘No’ Used to specify if all goods on this declaration are moving from GB (i.e. goods originated in GB or all customs clearance following import into GB is complete) to home use in NI, will remain in NI, and will not be placed in an excise warehouse.
declaration_category	String(3)	Yes	Please see guides in Section 5 for usage Download a list of available choices as per Section 13 The use of ‘IMZ’ will indicate this is a Post Movement Internal Market Movement Information (IMMI).

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arrival_date_time	Date/Time (UTC) dd/mm/yyyy hh:mm:ss	Yes If declaration_category is not 'IMA'	Date and time of arrival cannot be in the past, if the declaration_category is 'IMD'. Must be after 01/01/2021 00:00:00 and cannot be more than 14 days in the future. If declaration_category is 'IMZ' the date and time of arrival must be in the past.
importer_eori	String (200) 2 Alpha followed by Alpha Numeric	No	If not provided the 'importer_eori' is set by default to the Associated UKIMS EORI of the TSS API user on create. Otherwise the provided value will be used (if valid).
importer_name	String(35)	Yes, if the EORI is GB-prefixed and the relevant conditions are met (see usage for details).	The importer address fields are mandatory if the Importer EORI is 'GB' prefixed and the account associated with the EORI is private, and the API user is not submitting on behalf of themselves or acting on behalf of the importer.
importer_street_number	String(35)		
importer_city	String(35)		
importer_postcode	String(35)		
importer_country	Alpha (2)		
exporter_eori	String (200) 2 Alpha followed by Alpha Numeric	No	If EORI is not supplied then the following exporter fields are ALL mandatory
exporter_name	String(35)	Conditional	Exporter name only required if EORI is not known
exporter_city	String(35)	Conditional	Exporter city only required if EORI is not known
exporter_country	Alpha (2)	Conditional	Exporter country only required if EORI is not known. Download a list of available choices as per Section 13
exporter_postcode	String(35)	Conditional	Exporter postcode only required if EORI is not known
exporter_street_number	String(35)	Conditional	Exporter street and number only required if EORI is not known
customs_warehouse_identifier	String(18)	No	Only required if 'free_circulation_home_uses' is 'No'
destination_country	Alpha(2)	N/A	Set as 'GB' by default

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goods_domestic_status	String(1)	N/A	Set as 'NIDOM' (D) by default
representation_type	String(2)	Yes	Download a list of available choices as per Section 13
trader_reference	String(100)	No	
mode_of_transport	String(2)	Yes	Download a list of available choices as per Section 13
icr	String(25)	Conditional	Mandatory if mode_of_transport is "4"
house_airway_bill	String(40)	No	Only applicable if mode_of_transport is "4"
transport_document_reference	String(35)	Conditional	Mandatory if mode_of_transport is NOT "9"
transport_document_type	String(35)	Conditional	Mandatory if mode_of_transport is NOT "9" Download a list of available choices as per Section 13
location_of_goods_border	String(32)	Conditional	Either specify this field or location_of_goods_other. Download a list of available choices as per Section 13: ffd_location_of_goods Mandatory if 'declaration_category' is 'IMD'. N/A, If 'declaration_category' is 'IMZ', any value provided will be ignored.
location_of_goods_other	String(100)	Conditional	Either specify this field or location_of_goods_border If 'declaration_category' is 'IMZ' this field will be set by default or if 'declaration_category' is 'IMD', any value provided will be ignored.
maritime_inventory	String (32)	Conditional	Mandatory if "mode_of_transport" is "1" (Maritime)
header_previous_document	Nested field (see example below)	No	This is a header for the header previous document data that is required. Repeat the fields within this header for each set of data required.

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op_type	String Value supplied must be create, update or delete	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below).
previous_document_class	String(1)	Yes	Download a list of available choices as per Section 13
previous_document_item_identifier	Integer(3)	No	
previous_document_ref	String (35)	Yes	Previous document reference. This field will be used as the unique reference for updates and deletes.
previous_document_type	String(3)	Yes	If 'declaration_category' is 'IMZ', then both CLE & DCR Header Previous Document Types are required. Download a list of available choices as per Section 13
holder_of_authorisation	Nested field (see example below	No	This is a header for the holder of authorisation data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be "create", "update" or "delete"	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference
auth_role_id	String(17)	No	Authorisation Role ID.
auth_role_type	String(3)	No	Authorisation Role Type. Download a list of available choices as per Section 13
auth_type_code	String(5)	No	Authorisation Type Code. Download a list of available choices as per Section 13

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An example payload might look like the following:

```
{
"op_type": "create",
"glr_number": "",
"declaration_category": "IMD",
"representation_type": "2",
"free_circulation_home_uses": "Yes",
"mode_of_transport":"3",
"icr": "",
"maritime_inventory": "",
"house_airway_bill":"",
"arrival_date_time": "27/04/2024 18:00:00",
"internal_market": "confirmed",
"importer_eori": "XI1234556432145",
"exporter_eori": "XI1234556432145",
"exporter_name": "",
"exporter_city": "",
"exporter_postcode": "",
"exporter_country": "",
"exporter_street_number": "",
"location_of_goods_border":"GBAUDYLBFSAGE",
"location_of_goods_other":"",
"customs_warehouse_identifier": "",
"transport_document_reference": "101101",
"trader_reference": "GLR Test",
"transport_document_type": "N730",


  "holder_of_authorisation": [
   {
     "op_type": "create",
     "auth_role_id": "23",
     "auth_role_type": "",
     "auth_type_code": "TST"
   }
 ],

  "header_previous_document": [
   {
     "op_type": "create",
```


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```
        "previous_document_class": "X",
        "previous_document_item_identifier": "101",
        "previous_document_ref": "1234",
        "previous_document_type": "235"
      }

   ]

}
```

A successful creation will return the new GLR number similar to the below:

```
{"result": {
    "status": "created",
    "process_message": "SUCCESS",
    "reference": "GLR000000000001730"
}}
```

The fields in the response payload to check are:

d) The *status* says “created”
e) The *process_message* says “SUCCESS”
f) The *reference* will hold the number of the declaration which has been created.

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11.43. Internal Market Movement (submit, cancel)

In order to submit or cancel an existing internal market movement, a POST method must be sent. The content of the data payload should be in the following format. A submit or cancel can only be performed under certain circumstances, for instance the state of the record must be Draft or Trader Input Required. If a submit or cancel is not allowed then an error will be returned.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be "submit" or "cancel"	Yes	This will be used to indicate the type of transaction being sent.
glr_number	String (40)	Yes	The previous supplied number

An example payload might look like the following:

```
{
"op_type":"submit",
"glr_number": "GLR000000000001824"
}
```

A successful submit of an internal market movement will return a payload similar to the below:

```
{"result": {
    "status": "submitted",
    "process_message": "SUCCESS",
    "reference": " GLR000000000001824"
}}
```

The fields in the response payload to check are:

g) The *status* says "submitted"
h) The *process_message* says "SUCCESS"
i) The *reference* will hold the number of the internal market movement record which has been submitted.

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11.44. Internal Market Movement (read, filter)

In order to read an existing internal market movement a GET method must be sent. The GET will be structured as below:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/internal_market_movement?<parameters>
```

Where;

<instance_name> will be according to the table above entitled “Environments”

<parameters> The parameters required are

filter This allows you to provide a condition on which internal market movement numbers to return.

reference This is the reference number of the internal market movement.

fields This is a comma separated list of the fields to that you want their values to be returned. If no fields are provided then no fields will be returned, therefore a minimum of one field must be specified.

If you wish to retrieve a list of internal market movements then specify the *filter* parameter, if you need to read the details of a specific movement then specify the *reference* and the *fields* parameters. Currently you cannot combine these, they are mutually exclusive. Please see the examples.

If one of the fields requested is a nested payload then all existing nested records in that section will be returned.

The list of fields available are those mentioned in the create resource above plus any others listed below:

Field Name	Format	Usage
status	String	The current status of the declaration - Draft - Submitted - Processing - Trader Input Required - Authorised for Movement - Amendment Required - Arrived - Cancelled - Do Not Load
movement_reference_number	String	The movement reference number allocated
importer_eori	String	
importer_name	String	
importer_street_and_number	String	
importer_city	String	
importer_postcode	String	

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importer_country	String	
immi_confirmation_date	dd/mm/yyyy hh:mm:ss (UTC)	IMMI confirmation date and time
tax_point	dd/mm/yyyy hh:mm:ss (UTC)	Tax point date and time
error_message	String	Error message if consignment is in error
control_status	String	Comma separated list of status's
supplementary_declaration	Yes/No	
supervising_customs_office	String	
all_goods_free_circulation _PC4000	Yes/No	

The fields available to be used in the *filter* parameter are;

Field Name	Format	Usage
status	String	The current status of the internal market movement.

For nested payloads, it is not possible to select only a single sub-field so a whole top-level field needs to be supplied. For example *holder_of_authorisation* is allowed but the sub-field of *auth_type_code* is not. An example read request might look like the following:

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```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/internal_market_movement?reference=
GLR000000000001730&fields=declaration_category, representative_type,
free_circulation_home_uses,mode_of_transport,supervising_customs_office,customs_warehouse_identifier, destination_country, trader_reference,
transport_document_reference, goods_domestic_status, holder_of_authorisation
```

A successful request will return a payload similar to the example below, errors are explained in Section 12 below:


```
  "result": {
    "reference": "GLR000000000001730",
    "declaration_category": "IMD",
    "free_circulation_home_uses": "No",
    "goods_domestic_status": "D",
    "representative_type": "2",
    "mode_of_transport": "3",
    "transport_document_reference": "101101",
    "destination_country": "GB",
    "trader_reference": "GLR Test",
    "customs_warehouse_identifier": "32423",
    "supervising_customs_office": "GBBEL004",
    "holder_of_authorisation": [
      {
        "auth_role_id": "23",
        "auth_type_code": "TST"
      },
      {
        "auth_role_id": "XI1234556432145",
        "auth_type_code": "UKIM"
      }
    ]
  }
}
```


An example request to list all internal market movements in a specific state might look like the following:

```
GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/internal_market_movement?filter=status=amendment required
```


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A successful request will return a payload similar to the example below, errors are explained in Section 12 below:


```
{
   "result": [
      {
         "number": "GLR000000000001940"
      },
      {
         "number": "GLR000000000004665"
      },
      {
         "number": "GLR000000000004847"
      },
      {
         "number": "GLR000000000005189"
      },
      {
         "number": "GLR000000000005202"
      },
      {
         "number": "GLR000000000005221"
      },
      {
         "number": "GLR000000000005231"
      }
   ]
}
```


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11.45. Internal Market Movement ENS Consignment (create, update)

This consignment can be used for the movement of goods using the Simplified Process for Internal Market Movements (SPIMM) from another part of the UK to NI, created as part of the ENS initiated journey.

In order to add an IMMI consignment to an existing registered declaration header or update an existing consignment that you have created a POST method must be used and the following data payload must be sent. The mandatory status applies to both create and update, though, all fields you require populated must be sent for an update. This means if you leave an optional field empty it will be blanked or set back to the systems default value. If you wish to empty an optional field then leave it blank, if you need it to stay the same then send the existing value. Updates can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If an update is not allowed then an error will be returned.

Note: The existing 'consignments' resource should be used to initiate this call.

Field Name	Format	Mandatory	Usage
op_type	String Value supplied must be create or update	Yes	This will be used to indicate the type of transaction being sent. See mandatory requirements to check which fields are required for each op_type.
declaration_number	String (40)	Yes - create No - update	The previous supplied number of the declaration that this consignment belongs to. This must be blank for an update.
consignment_number	String (40)	No - create Yes - update	The number of the consignment you wish to update
internal_market	String (40)	Yes	Set to 'confirmed' to indicate the goods meet the requirements of the internal market scheme.
goods_description	String(254)	No	A description of the goods that will be in this consignment
trader_reference	String(100)	No	
transport_document_number	String (35)	Yes	The transport document number Note: Regex validation is in place to prevent the use of invalid characters if the header movement type is "Maritime", "RoRo Unaccompanied" or "RoRo Accompanied".

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goods_domestic_status	String(1)	Yes	This should be set to NIDOM (D) Download a list of available choices as per Section 13
destination_country	Alpha(2)	Yes	This should be set to 'GB' Download a list of available choices as per Section 13
supervising_customs_office	String(8)	No Yes if customs_warehouse_identifier is provided	This should be set to 'GBBEL004' Download a list of available choices as per Section 13
customs_warehouse_identifier	String(18)	No Yes if supervising_customs_office is provided	Identifier for the customs warehouse
ducr	String(35)	No	Declaration Unique Consignment Reference
consignor_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes If EORI is not supplied then the following consignor fields are ALL mandatory	GB EORIs are not accepted, use the XI version instead. European EORIs are accepted If EORI is not supplied then the following consignor fields are ALL mandatory
consignor_name	String(35)	Yes if EORI is not known OR If the header movement type is "Maritime", "RoRo Unaccompanied" or "RoRo Accompanied" and the conditions listed are met (see usage)	The newly added company profile setting "Auto accept XI EORI address" is set to "True" by default. Where set to "True," if TSS detects that the EORI provided is invalid, then if this and other name and address fields are provided, they will be used instead; if not provided and the EORI is related to a TSS registered trader, the name and address field values for that trader will be taken from their company profile. If TSS detects that the EORI provided is invalid, is not related to a TSS registered trader and the name and address fields values are not provided then an error will be returned. If "Auto accept XI EORI address" is set to "False," and you have not provided the EORI then name and address fields MUST be supplied. Download a list of available choices as per Section 13 (consignor_country)
consignor_street_number	String(35)		
consignor_city	String(35)		
consignor_postcode	String(9)		
consignor_country	Alpha (2)		

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consignee_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes If EORI is not supplied then the following consignee fields are ALL mandatory	GB EORIs are not accepted, use the XI version instead. European EORIs are accepted If EORI is not supplied then the following consignee fields are ALL mandatory
consignee_name	String(35)	Yes if EORI is not known OR If the header movement type is “Maritime”, “RoRo Unaccompanied” or “RoRo Accompanied” and the conditions listed are met (see usage)	The newly added company profile setting "Auto accept XI EORI address" is set to "True" by default. Where set to "True," if TSS detects that the EORI provided is invalid, then if this and other name and address fields are provided, they will be used instead; if not provided and the EORI is related to a TSS registered trader, the name and address field values for that trader will be taken from their company profile. If TSS detects that the EORI provided is invalid, is not related to a TSS registered trader and the name and address fields values are not provided then an error will be returned. If "Auto accept XI EORI address" is set to "False," and you have not provided the EORI then name and address fields MUST be supplied. Download a list of available choices as per Section 13 (consignor_country)
consignee_street_number	String(35)		
consignee_city	String(35)		
consignee_postcode	String(9)		
consignee_country	Alpha (2)		
align_ukims	yes/no	No	If ‘yes; is selected, a check will be made as to whether the importer holds EORI that has been aligned to UKIMS. This check shall be made by checking the UKIMS document record associated with the trader account for the importer. If a matching document record is found, then the importer EORI is set to the 'Associated EORI' value from the identified record.
importer_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes	EORI of the party legally responsible for the import declaration.
importer_name	String(35)		

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importer_street_number	String(35)	Yes, if the EORI is GB-prefixed or the movement type is “Maritime”, “RoRo Unaccompanied” or “RoRo Accompanied” and the relevant conditions are met (see usage for details).	The importer address fields are mandatory if the Importer EORI is 'GB' prefixed and the account associated with the EORI is private, and the API user is not submitting on behalf of themselves or acting on behalf of the importer OR If the header movement type is ‘Maritime’ or ‘RoRo Unaccompanied’ or ‘RoRo Accompanied’ and the Importer EORI is prefixed ‘XI’ and account associated with the API user does not have ‘Auto accept XI EORI address’ set to true.
importer_city	String(35)		
importer_postcode	String(35)		
importer_country	Alpha (2)		
exporter_eori	String (200) 2 Alpha followed by Alpha Numeric	Yes - If EORI is not supplied then the following exporter fields are ALL mandatory	If EORI is not supplied then the following exporter fields are ALL mandatory
exporter_name	String(35)	Yes if EORI is not known or if the header movement type is “Maritime”, “RoRo Unaccompanied” or “RoRo Accompanied” and conditions are met (see usage)	The newly added company profile setting "Auto accept XI EORI address" is set to "True" by default. Where set to "True," if TSS detects that the EORI provided is invalid, then if this and other name and address fields are provided, they will be used instead; if not provided and the EORI is related to a TSS registered trader, the name and address field values for that trader will be taken from their company profile. If TSS detects that the EORI provided is invalid, is not related to a TSS registered trader and the name and address fields values are not provided then an error will be returned. If "Auto accept XI EORI address" is set to "False," and you have not provided the EORI then name and address fields MUST be supplied. Download a list of available choices as per Section 13 (consignee_country)
exporter_street_number	String(35)		
exporter_city	String(35)		
exporter_postcode	String(35)		
exporter_country	Alpha (2)		
declaration_choice	String(2)	N/A	Set to ‘H1’ by default

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container_indicator	String(2)	Yes If the Header movement type is “Maritime”, “RoRo Unaccompanied” or “RoRo Accompanied”	Valid values are as follows: ‘0’ denoting Uncontainerised ‘1’ denoting Containerised
buyer_same_as_importer	yes/no	Yes If the Header movement type is “Maritime”, “RoRo Unaccompanied” or “RoRo Accompanied”	Used to indicate if the buyer is the same as the importer.
buyer_eori	String (200) 2 Alpha followed by Alpha Numeric	No	
buyer_name	String(35)	Yes If the Header movement type is “Maritime”, “RoRo Unaccompanied” or “RoRo Accompanied” and ‘buyer_same_as_importer’ is ‘no’	
buyer_street_and_number	String(35)		
buyer_city	String(35)		
buyer_postcode	String(35)		
buyer_country	Alpha (2)		
seller_same_as_exporter	yes/no	Yes If the Header movement type is “Maritime”, “RoRo Unaccompanied” or “RoRo Accompanied”	Used to indicate if the seller is the same as the exporter.
seller_eori	String (200) 2 Alpha followed by Alpha Numeric	No	
seller_name	String(35)	Yes If the Header movement type is “Maritime”, “RoRo Unaccompanied” or “RoRo Accompanied” and ‘seller_same_as_exporter’ is ‘no’	
seller_street_and_number	String(35)		
seller_city	String(35)		
seller_postcode	String(35)		
seller_country	Alpha (2)		
header_previous_document	Nested field (see example below)		This is a header for the header previous document data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be create, update or delete	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below).

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previous document_ref	String (35)	No	Previous document reference. This field will be used as the unique reference for updates and deletes.
previous document class	String(1)	No	Download a list of available choices as per Section 13
previous_document_type	String(3)	No	Download a list of available choices as per Section 13
holder_of_authorisation	Nested field (see example below)		This is a header for the holder of authorisation data that is required. Repeat the fields within this header for each set of data required.
op_type	String Value supplied must be create, update or delete	Yes	This will be used to indicate the type of request being sent. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
auth_role_id	String(17)	No	Authorisation Role ID. This field will be used as the unique reference for updates and deletes.
auth_type_code	String(5)	No	

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An example consignment record payload (for a create) might look like the following:

```
{
   "op_type": "create",
   "declaration_number": "ENS000000000005224",
   "consignment_number": "",
   "transport_document_number": "REF12345",
   "goods_description": "Testing Goods Description",
   "internal_market": "confirmed",
   "goods_domestic_status": "D",
   "trader_reference":"JB001",
   "destination_country": "GB",
   "supervising_customs_office": "GBBEL004",
   "customs_warehouse_identifier": "U1234567",
   "ducr": "",
   "consignor_eori": "XI000012340005",
   "consignee_eori": "XI000012340005",
   "importer_eori": "XI000012340005",
   "exporter_eori": "XI000012340005",
   "align_ukims": "",

   "header_previous_document": [
   {
   "op_type": "create",
   "previous_document_class": "X",
   "previous_document_type": "355",
   "previous_document_ref": "80085"
   }
],

     "holder_of_authorisation": [
     {
        "op_type": "create",
        "auth_role_id": "100",
        "auth_role_type": "HA",
        "auth_type_code": "CW1"
```


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```
    }
  ]
}
```

A successful insert of a consignment record will return a payload similar to below:

```
{"result": {
    "status": "created",
    "process_message": "SUCCESS",
    "reference": "DEC000000000001425"
}}
```

The fields in the response payload to check are:

c) The *status* says “created” or “updated”
d) The *process_message* says “SUCCESS”
f) The *reference* will hold the number of the consignment to be used when adding goods to it

Note: To submit or cancel an IMMI consignment see section 11.6, for details on how to perform a Read, see section 11.7.

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11.46. Internal Market Movement Goods Item (create, update)

Use this resource (goods) to create and update goods items for an IMMI consignment or IMMI ENS consignment. The consignment number field needs to contain the parent reference number for the goods item. There is a maximum of 99 goods per consignment. To add goods to an existing consignment or to update goods a POST method must be sent. The content of the data payload should be in the following format. The mandatory status applies to both create and update, however, all fields you require populated must be sent for an update. This means if you leave an optional field empty it will be blanked or set back to the systems default value. If you wish to empty an optional field then leave it blank, if you need it to stay the same then send the existing value. Updates can only be performed under certain circumstances, please check in the guides mentioned at the beginning of this document for details. If an update is not allowed then an error will be returned. For the mandatory columns below, if a field is marked as "N/A" then it is not required for this type of goods item and should not be part of the payload.

Field Name	Format	Internal Market Movement ENS Consignment Mandatory	Internal Market Movement Mandatory	Usage
op_type	String (6)	Yes	Yes	This will be used to indicate the type of transaction being sent. Value supplied must be create or update. See mandatory requirements to check which fields are required for each op_type.
consignment_number	String (40)	Yes – create No - update	Yes – create No - update	The previously supplied number of the consignment that these goods belong to. This could be the ENS, SFD or supp dec consignment number. This must be blank or omitted for an update.
goods_id	String (32)	No - create Yes - update	No - create Yes - update	The previous supplied ID of the goods which needs to be updated. Ensure this is the correct goods_id as they will differ for goods under ENS, SFD and supplementary declarations. Use a lookup to obtain the goods_ids under SFD and supplementary declarations
equipment_number	Alpha Numeric (17)	Yes if the parent consignment field container_indicator is '1' and the header movement type is 'Maritime' or 'RoRo Unaccompanied' or 'RoRo Accompanied'	ENS IMMI: No Standalone: N/A	Container number if the goods are containerized
un_dangerous_goods_code	String (4)	No	ENS IMMI: No Standalone: N/A	The UN Dangerous Goods Code if required
type_of_packages	String(40)	Yes	ENS IMMI: Yes Standalone: N/A	Download a list of available choices as per Section 13
number_of_packages	Numeric (5)	Yes	Yes	The number of packages in this goods note. Minimum of 1.
number_of_individual_pieces	Numeric (5)	No	ENS IMMI: No Standalone: N/A	The number of individual pieces in this goods note. Minimum of 1.

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package_marks	String (140)	Yes	ENS IMMI: Yes Standalone: N/A	Any markings on the packages to be aware of. If not known please enter “ADDR”
gross_mass_kg	Numeric (13.2)	Yes	Yes	Gross mass in Kg
net_mass_kg	Numeric (13.2)	Yes if licensed goods (i.e APC 1EL and 1LG)	Yes if licensed goods (i.e APC 1EL and 1LG)	Net mass in Kg The Net_Mass (KG) value cannot be greater than the Gross Mass (KG) value
goods_description	String (255)	Yes	Yes	The Goods Description cannot be an unacceptable word or phrase as defined by the EU. For guidance on writing appropriate Goods Descriptions visit the Goods Description Guide – NICTA.
controlled_goods	yes/no	N/A	N/A	
controlled_goods_type	String (40)	N/A	N/A	Download a list of available choices as per Section 13
commodity_code	String (10)	Yes	Yes	The commodity code must be a minimum of 8 digits. If the ‘Additional Procedure Code’ is ‘1SG’ the commodity code must be a minimum of 6 digits. Download a list of available choices as per Section 13
country_of_origin	Alpha (2)	Yes	Yes	Download a list of available choices as per Section 13
country_of_preferential_origin	Alpha (2)	N/A	N/A	Download a list of available choices as per Section 13
item_invoice_amount	String (13,2)	Yes	Yes	Invoice amount. Max of 2 decimal places, no commas.
item_invoice_currency	String (8)	Yes	Yes	Download a list of available choices as per Section 13
procedure_code	String (4)	Yes	Yes	Download a list of available choices as per Section 13
additional_procedure_code	String (3)	Yes	Yes	Download a list of available choices as per Section 13
ni_additional_information_codes	String (40)	Yes	Yes	Download a list of available choices as per Section 13
supplementary_units	Numeric(17)	No	No	Check usage against commodity codes
invoice_number	String (35)	No	ENS IMMI: No Standalone: N/A	
additional_procedures	Nested field (see example below)	No	No	This is a header for the additional procedures data that is required. Repeat the fields within this header for each set of data required.
op_type	String (6)	Yes	Yes	This will be used to indicate the type of request being sent. Value supplied must be create, update or delete. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
additional_procedure_code	String (3)	Yes	Yes	Download a list of available choices as per Section 13. This field will be used as the unique reference for updates and deletes.

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document_references	Nested field (see example below)	No	No	This is a header for the document references data that is required. Repeat the fields within this header for each set of data required.
op_type	String (6)	Yes	Yes	This will be used to indicate the type of request being sent. Value supplied must be create, update or delete. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
document_reference	String(35)	No – see usage	No – see usage	The document reference. Mandatory when document_code is entered
document_code	String(4)	No	No	Download a list of available choices as per Section 13 This field will be used as the unique reference for updates and deletes.
document_status	String(2)	No – see usage	No – see usage	Download a list of available choices as per Section 13 Mandatory when document_code considered a waiver type is entered
document_part	String(5)	No	No	The document part reference
document_reason	String(35)	No	No	The document reason Mandatory when document_code considered a waiver type is entered
date_of_validity	Date (dd/mm/yyyy)	No	No	The date of validity for this document
issuing_authority	String(70)	No	No	The issuing authority for this document
amount	Numeric(9)	No	No	The amount against this document
currency	String(3)	No	No	Download a list of available choices as per Section 13
measurement_unit	String(4)	No	No	Download a list of available choices as per Section 13
quantity	String(16)	No	No	The quantity for this document
additional_information	Nested field (see example below)	No	No	This is a header for the additional information data that is required. Repeat the fields within this header for each set of data required.
op_type	String (6)	Yes	Yes	This will be used to indicate the type of request being sent. Value supplied must be create, update or delete. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
additional_info_code	String(5)			Download a list of available choices as per Section 13. This field will be used as the unique reference for updates and deletes. NOTE: '00100' is not allowed for Supplementary Declarations.
additional_info_description	String(512)	Yes	Yes	Description of the information

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detail_previous_document	Nested field (see example below)	No	No	This is a header for the detail previous document data that is required. Repeat the fields within this header for each set of data required.
op_type	String (6)	No	No	This will be used to indicate the type of request being sent. Value supplied must be create, update or delete. It needs to be specified for each set of data and can be different for each (see the example below). The next field will be used as the unique reference.
previous_document_ref	String (35)	No	No	Reference for the previous document. This field will be used as the unique reference for updates and deletes.
previous_document_type	String (3)	No	No	Download a list of available choices as per Section 13
previous_document_class	String (1)	No	No	Download a list of available choices as per Section 13
previous_item_identifier	Int(3)	No	No	

NB All goods item fields should be supplied for an update unless specified, except for the nested fields. These only need to be specified if you wish to create, update, or delete one of them.

Example goods item record payload for a create or an update might look like the following. The op_type would need to be “update” for the update transaction.


```
{
  "op_type": "create",
  "consignment_number": "GLR000000000002470",
  "goods_id": "",
  "commodity_code": "2301100000",
  "procedure_code": "4000",
  "additional_procedure_code": "1EL",
  "country_of_origin": "GB",
  "ni_additional_information_codes": "NIREM",
  "goods_description": "Testing",
  "gross_mass_kg": "100",
  "net_mass_kg": "100",
  "item_invoice_amount": "157.00",
  "item_invoice_currency": "gbp",
  "supplementary_units": "",
  "number_of_packages": "10",
  "document_references": [
    {
      "op_type": "create",
      "document_code": "9101",
      "document_reference": "Testing DR",
```


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```
        "document_status": "JP",
        "document_part": "",
        "document_reason": "TEST",
        "date_of_validity": "",
        "issuing_authority": "",
        "amount": "",
        "currency": "",
        "measurement_unit": "",
        "quantity": ""
      }
   ],
   "additional_information": [
      {
        "op_type": "create",
        "additional_info_code": "00100",
        "additional_info_description": ""
      }
      ],
   "detail_previous_document":[
      {
        "op_type": "create",
        "previous_document_ref": "1224324",
        "previous_document_class": "Y",
        "previous_document_type": "235"
      }
   ],
   "additional_procedures":[
      {
      "op_type": "create",
      "additional_procedure_code": "1NV"
      }
]
}
```


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11.47. Internal Market Movement (lookup)

In order to identify the reference number(s) of an IMMI created from an ENS, a lookup call will be needed. The method used will be a GET and will need to be in the following format:

GET https://*<instance_name>*/api/x_fhmrc_tss_api/v1/tss_api/internal_market_movement?*<parameters>*

Where;

<instance_name>	will be according to the table above entitled “Environments”
<parameters>	the parameters required are
consignment_number	This is the reference number of the ENS consignment to which the IMMI belongs

An example IMMI lookup request might look like the following:

GET https://<instance_name>/api/x_fhmrc_tss_api/v1/tss_api/internal_market_movement?consignment_number=DEC000000000030736

A successful response will return a payload similar to the below:

```
{
  "result": {
    "consignment_number": "DEC000000000030736",
    "immi_number": "GLR000000000003211"
  }
}
```


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11.48. Internal Market Movement – H1 to H8 (reclassify)

In order to reclassify a H1 Supplementary Declaration to an IMMI Supplementary Declaration, a POST method must be sent. The content of the data payload should be in the following format. A reclassification can only be performed under certain circumstances, for instance the state of the supplementary declaration must be Draft or Trader Input Required. If a reclassification is not allowed then an error will be returned.

Note: The 'supplementary_declarations' resource should be used to initiate this call.

Field Name	Format	Mandatory	Usage
op_type	String(6) Value supplied must be "reclassify"	Yes	This will be used to indicate the type of transaction being sent. See mandatory requirements to check which fields are required for each op_type.
sup_dec_number	String (40)	Yes	The Supplementary Declaration number you wish to reclassify.
reclassification_type	String(10)	Yes	This must be set to "h1_to_h8".
internal_market_movement_complies	String(3)	Yes	Must be set to 'yes to confirm compliance with IMMI conditions.

An example payload might look like the following:

```
{
  "op_type": "reclassify",
  "sup_dec_number": "SUP000000000005220",
  "reclassification_type": "h1_to_h8" ,
  "internal_market_movement_complies" : "yes"
}
```


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A successful reclassification will return the new IMMI number similar to the below:

```
{{"result": {
  "status": " reclassified",
  " process_message": "SUCCESS" ,
  " reference" : " GLR000000000003297"
}}
```

The fields in the response payload to check are:

a) The *status* says “reclassified”
b) The *process_message* says “SUCCESS”
c) The *reference* will hold the number of the declaration which has been created.

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11.49. Internal Market Movement – H8 to H1 (reclassify)

In order to revert an IMMI Supplementary Declaration back to a H1 Supplementary Declaration, a POST method must be sent. The content of the data payload should be in the following format. A reclassification can only be performed under certain circumstances, for instance the state of the IMMI supplementary declaration must be Draft or Trader Input Required. If a reclassification is not allowed then an error will be returned.

Note: The 'internal_market_movement' resource should be used to initiate this call.

Field Name	Format	Mandatory	Usage
op_type	String(6) Value supplied must be "reclassify"	Yes	This will be used to indicate the type of transaction being sent. See mandatory requirements to check which fields are required for each op_type.
glr_number	String (40)	Yes	The Internal Market Declaration (GLR) number you wish to revert.
reclassification_type	String(10)	Yes	This must be set to "h8_to_h1".

An example payload might look like the following:

```
{
  "op_type": "reclassify",
  "glr_number": "GLR000000000003123",
  "reclassification_type": "h8_to_h1"
}
```

A successful reclassification will return the supplementary number similar to the below:

```
{{"result": {
  "status": " reclassified",
  " process_message": "SUCCESS" ,
  " reference" : " SUP000000000005221"
}}
```

The fields in the response payload to check are:

a) The *status* says "reclassified"
b) The *process_message* says "SUCCESS"
c) The *reference* will hold the number of the declaration to which this was reverted.

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11.50. Permission Grant

This can be used to check the permission and access available for an Importer EORI. For instance, to be able to check if a third party has granted access to use their UKIMS authorisation, and if the third party is registered on TSS.

To check an EORI and obtain details a GET method must be sent. The GET will be structured as below:

GET https://*<instance_name>*/api/x_fhmrc_tss_api/v1/tss_api/permission_grant?importer_eori=<Importer EORI>

Where;

<instance_name> will be according to the table above entitled “Environments”

Field Name	Format	Description
importer_eori	String (200) 2 Alpha followed by Alpha Numeric	The EORI to be checked for permission and access available
eori_registered	true/false	Confirms if the EORI relates to a TSS Registered Account
access_ukims	true/false	Confirms if the EORI is associated with an account with a valid UKIMS document and the API user has permission to use it
ukims_eori	String (200) 2 Alpha followed by Alpha Numeric	Returns the EORI associated with the UKIMS document
use_tss_simplified_process	true/false	Confirms if EORI is permitted to use the simplified process
can_act_as	true/false	Confirms if API account in use is an agent or intermediary for the ‘importer_eori’
private_name	true/false	Returns the private name status for the ‘importer_eori’ account
tss_restricted	true/false	Confirms if the EORI provided is restricted

An example request might look like the following:

GET https://api.tradersupportservice.co.uk/api/ x_fhmrc_tss_api/v1/tss_api/permission_grant?importer_eori=XI000012340005

Note: ‘GB’ or ‘XI’ prefixed EORI must be provided.

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A successful request will return a payload similar to the example below, errors are explained in Section 12 below:

```
{
   "result": [
      {
         "importer_eori": "XI000012340005",
         "eori_registered": true,
         "access_ukims": true,
         "ukims_eori": "XI000012340005",
         "use_tss_simplified_process": true,
         "can_act_as": false,
         “private_name”: false,
         "tss_restricted": false
      }
   ]
}
```


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12. Error handling

Error handling should be handled by both parties according to the issues. For example the non-response of the other end system during a transaction should be handled by the initiator of the transaction. This document does not describe the https response codes as these are standard and clearly defined on the Internet.

12.1. API error handling

For successful payloads the API resource will return an http 20x response. For invalid payloads you will receive different http responses depending upon whether these are incorrectly structured or the payload is not successfully processed. Along with an http error response the response payload will contain additional information showing a “status” of “error” and a “process_message” indicating where the problem was and possibly a field name etc.

Some example error payloads are:

An invalid “op_type” of “updated” was supplied.

```
{"result": {
  "status": "error",
  "process_message": "ERROR: Invalid op_type for 'supplementary_declarations': updated",
  "error_details": ""
}}
```

A mandatory field of “controlled_goods” was not supplied.

```
{"result": {
  "status": "error",
  "process_message": "ERROR: Mandatory field 'controlled_goods' not supplied",
  "error_details": ""
}}
```

An invalid consignment or record reference was supplied.

```
{"result": {
  "status": "error",
  "process_message": "ERROR: Unable to access target record: DEC100000000022711",
  "error_details": ""
}}
```

An invalid value of “XXXXX” for the “goods_domestic_status” field was specified.

```
{"result": {
  "status": "error",
  "process_message": "ERROR: Invalid format for 'goods_domestic_status' rejected: XXXXX",
  "error_details": ""
}}
```


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13. Downloading field choices

13.1. Overview

In order to download the options currently available for any particular field that has a limited set of choice values you can perform a GET request against the endpoint detailed below. Authorisation must be made in the same way as the other areas of the API, with the supplied credentials. By specifying the name of the field as the final part of the endpoint. This will then return a JSON payload containing value pairs for the field values you can use and a descriptive name of what that value refers to. This name will also typically match what you would see in the portal as the options for that field.

13.2. Endpoint details

The endpoint structure to use to download the choice values is as follows:

```
https://<instance_name>/api/x_fhmrc_tss_api/v1/choice_values/<choice_field_name>
```

Where:

<instance_name> will be according to the table in the main API section above entitled “URL details”

<choice_field_name> will be the name from the Field Name column defining the payload you are requiring to send or one of the options below that matches

Field Name	Field Usage
country	country_of_origin country_of_preferential_origin exporter_country importer_country consignee_country consignor_country carrier_country nationality_of_transport delivery_location_country destination_country dispatch_country
movement_type	movement_type
port	arrival_port Please note that this call will return five extra fields (listed below) in addition to the existing fields “name” & “value”:

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	"ens_allowed" "transit" "ffd_allowed" "sup_allowed" "glr_allowed"
sd_location_of_goods	sd_location_of_goods
ffd_location_of_goods	ffd_location_of_goods
sd_status	status (on supplementary declaration)
route	route
transport_charge	transport_charges
type_of_package	type_of_packages
controlled_goods_type	controlled_goods_type
commodity_code	commodity_code Please note that this call will return three extra fields (listed below) in addition to the existing fields “name” & “value”: "effective_from" "effective_end" "commodity_code_length"
incoterm	incoterm
addition_deduction_code	addition_deduction_code
procedure_code	procedure_code Please note that this call will return three extra fields (listed below) in addition to the existing fields “name” & “value”: "sfd_allowed" "glr_allowed" "gls_allowed"
additional_procedure_code	additional_procedure_code Please note that this call will return five extra fields (listed below) in addition to the existing fields “name” & “value”: "sfd_allowed" "ffd_allowed" "sup_allowed" "glr_allowed" "gls_allowed"
national_additional_code	national_additional_code

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document_code	document_code Please note that this call will return five extra fields (listed below) in addition to the existing fields “name” & “value”: "sfd_allowed" "ffd_allowed" "sup_allowed" "glr_allowed" "gls_allowed"
document_status	document_status
item_add_ded_code	item_add_ded_code
measurement_unit	measurement_unit
previous_document_type	previous_document_type Please note that this call will return five extra fields (listed below) in addition to the existing fields “name” & “value”: "sfd_allowed" "ffd_allowed" "sup_allowed" "glr_allowed" "gls_allowed"
previous_document_class	previous_document_class
additional_info_code	additional_info_code Please note that this call will return five extra fields (listed below) in addition to the existing fields “name” & “value”: "sfd_allowed" "ffd_allowed" "sup_allowed" "glr_allowed" "gls_allowed"
auth_type_code	auth_type_code Please note that this call will return five extra fields (listed below) in addition to the existing fields “name” & “value”: "sfd_allowed" "ffd_allowed" "sup_allowed"

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	"glr_allowed" "gls_allowed"
goods_domestic_status	goods_domestic_status
supervising_customs_office	supervising_customs_office
tax_base_unit	tax_base_unit
tax_type	tax_type
preference	preference
ni_additional_information_code	ni_additional_information_codes
currency	currency addition_deduction_currency item_add_ded_currency item_invoice_currency total_invoice_currency freight_charge_currency vat_adjust_currency insurance_currency payable_tax_currency
valuation_method	valuation_method
valuation_indicator	valuation_indicator
nature_of_transaction	nature_of_transaction
no_sfd_reason	no_sfd_reason
sd_declaration_choice	declaration_choice (on supplementary declaration)
ffd_declaration_choice	declaration_choice (on FFD)
sfd_declaration_choice	declaration_choice (on consignment & SFD)
declaration_category	declaration_category
representation_type	representation_type
mode_of_transport	mode_of_transport
inland_mode_of_transport	inland_mode_of_transport
method_of_payment	method_of_payment
un_locode	un_locode
special_authorisation	special_authorisation
load_type	load_type
cargo_or_consignment	cargo_or_consignment

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final_destination_location_code	final_destination_location_code
auth_role_type	auth_role_type
ap_auth_role_code	ap_auth_role_code
ap_auth_role_type	ap_auth_role_type
guarantee_type	guarantee_type
sfd_header_movement_type	movement_type
standalone_sdi_authorisation_type	authorisation_type
gvms_routes	route_id
transport_document_type	transport_document_type
passive_transport_types	type_of_passive_transport

13.3. Example request

Below is an example of the URI that might be sent in to retrieve the port list.

```
GET https://api.tsstestenv.co.uk/api/x_fhmrc_tss_api/v1/choice_values/port
```


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13.4. Example response

Below is an example of the port data that might be returned. It has been split as the output is much larger.


```
{ "result": [
    {
    "value": "GBAUABDABDABD",
    "name": "Aberdeen Docks"
  },
    {
    "value": "GBAUAULINVEWE",
    "name": "Aultbea - Loch Ewe Pier, NATO POL Depot"
  },
    {
    "value": "GBAUAVOAVOAVO",
    "name": "Avonmouth Docks"
  },
    {
    "value": "GBAUAVOAVOCSX",
    "name": "Avonmouth - Royal Edward Dock X Berth"
  },
    {
    "value": "GBAUAYRAYRAYR",
    "name": "Ayr Harbour"
  },
```


. . . . . continued data . . . . . .


```
    {
    "value": "IMAURAMRSYRAM",
    "name": "Ramsey (Isle of Man)"
  }
]}
```


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14. Document control sheet

Document version

Version	Date	Authors	Superseded documents
1.0	18/11/2020	Andy Lark	None.
1.1	18/11/2020	Ian Hutchison	1.0
1.2	19/11/2020	David Coupe	1.1
1.3	25/11/2020	Andy Lark	1.2
1.4	11/12/2020	Andy Lark	1.3
1.5	16/12/2020	Andy Lark	1.4
1.6	03/01/2021	Dan Cook	1.5
2.0	05/02/2021	Andy Lark, Michelle Tones	1.6
2.0.1	16/02/2021	Andy Lark	2.0
2.0.2	16/02/2021	Andy Lark	2.0.1
2.0.3	16/03/2021	Andy Lark	2.0.2
2.0.4	17/03/2021	Andy Lark	2.0.3
2.0.5	18/03/2021	Andy lark	2.0.4
2.1	29/03/2021	Andy Lark	2.0.5
2.1.1	29/03/2021	Andy Lark	2.1
2.1.2	15/04/2021	Andy Lark	2.1.1
2.1.3	20/04/2021	Andy Lark	2.1.2
2.1.4	26/04/2021	Andy Lark	2.1.3
2.1.5	30/04/2021	Andy Lark	2.1.4
2.2	05/05/2021	Andy Lark	2.1.5
2.2.1	07/05/2021	Andy Lark	2.2
2.2.2	26/05/2021	Andy Lark	2.2.1
2.3	07/06/2021	Andy Lark	2.2.2
2.3.1	30/06/2021	Andy Lark	2.3
2.3.2	01/07/2021	Andy Lark	2.3.1
2.4	11/08/2021	Andy Lark	2.3.2
2.4.1	27/08/2021	Andy Lark	2.4
2.4.2	03/09/2021	Andy Lark	2.4.1

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Version	Date	Authors	Superseded documents
2.5	17/09/2021	Andy Lark	2.4.2
2.5.1	30/09/2021	Andy Lark	2.5
2.5.2	05/10/2021	Andy Lark	2.5.1
2.5.3	08/10/2021	Andy Lark	2.5.2
2.5.4	27/10/2021	Jas Bedi	2.5.3
2.5.5	10/11/2021	Justin Rijpstra	2.5.4
2.5.6	10/11/2021	Justin Rijpstra	2.5.5
2.5.7	30/11/2021	Jas Bedi	2.5.6
2.5.8	13/12/2021	Jas Bedi	2.5.7
2.5.9	20/12/2021	Rob Sharp	2.5.8
2.6.0	06/01/2022	Jas Bedi	2.5.9
2.6.1	20/01/2022	Jas Bedi	2.6.0
2.6.2	31/01/2022	Jas Bedi	2.6.1
2.6.3	15/02/2022	Jas Bedi	2.6.2
2.6.4	04/03/2022	Jas Bedi	2.6.3
2.6.5	17/03/2022	Jas Bedi	2.6.4
2.6.6	23/03/2022	Jas Bedi	2.6.5
2.6.7	27/04/2022	Jas Bedi	2.6.6
2.6.8	25/05/2022	Jas Bedi	2.6.8
2.6.8	15/07/2022	Jas Bedi	2.6.9
2.6.9	26/07/2022	Jas Bedi	2.7.0
2.7.0	14/09/2022	Jas Bedi	2.7.1
2.7.1	14/11/2022	Jas Bedi	2.7.2
2.7.2	31/01/2023	Jas Bedi	2.7.3
2.7.3	13/03/2023	Jas Bedi	2.7.4
2.7.4	10/05/2023	Jas Bedi	2.7.5
2.7.6	04/07/2023	Ed Bentley	2.7.5
2.7.7	27/07/2023	Jas Bedi	2.7.6
2.7.8	16/08/2023	Jas Bedi	2.7.7
2.7.9	18/10/2023	Jas Bedi	2.7.8
2.8.0	09/11/2023	Jas Bedi	2.7.9
2.8.1	04/03/2024	Jas Bedi	2.8.0
2.8.2	13/03/2024	Jas Bedi	2.8.1
2.8.3	10/05/2024	Jas Bedi	2.8.2

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Version	Date	Authors	Superseded documents
2.8.4	19/07/2024	Jas Bedi	2.8.3
2.8.5	09/09/2024	Jas Bedi	2.8.4
2.8.6	04/11/2024	Jas Bedi	2.8.5
2.8.7	17/01/2025	Jas Bedi	2.8.6
2.8.8	26/02/2025	Jas Bedi	2.8.7
2.8.9	27/04/2025	Jas Bedi	2.8.8
2.9.0	10/06/2025	Jas Bedi	2.8.9
2.9.1	12/08/2025	Jas Bedi	2.9.0
2.9.2	08/09/2025	Jas Bedi	2.9.1
2.9.3	01/11/2025	Jas Bedi	2.9.2
2.9.4	12/02/2026	Jas Bedi	2.9.3
2.9.5	17/04/2026	Jas Bedi	2.9.4
2.9.6	19/08/2026	Jas Bedi	2.9.6
2.9.7	20/08/2026	Jas Bedi	2.9.7

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Amendment record

Version	Area changed	Details of changes
1.0		First release
1.1		Review. Added sections to future changes. Added explanation of table headers. Expanded section on registering initial interest and registration. Other minor changes.
1.2		Minor changes to Process for Requesting Access section following HMRC review together with addition of header and footer details
1.3		Appendix A, various values updated. Reformatting of some response payloads
1.4		Changes to Header, Consignment and Goods payloads. Appendix A removed and section 13 added which now allows for download of values
1.5	Section 11	Amended to contain the final endpoint details for TEST and PROD
	All sections	All sample response payloads updated to contain the TEST instance name in the data
	Section 12.2	*departure_port* field removed from Declaration Header.
	Section 12.2	*arrival_date_time* field validation updated. Cannot be more than 14 days in the future.
	Section 12.4	Maximum number of goods in a consignment reduced from 999 to 99
	Section 12.4	*no_additional_procedure* field removed from Consignment
	Section 12.4	Missing colon in the sample payload
	Section 12.4	Description of *country_of_preferential_origin* usage referred to *controlled_goods_type* which has been corrected to *controlled_goods*
	Section 12.2	Changes to mandatory requirement on *nationality_of_transport* field
	Section 12.2	Changes to field length of *conveyance_ref* field if *movement_type* is Air
1.6	Section 2	Updated to reflect that the service is now fully available
	Section 6	Updated to reflect that the service is now fully available
	Section 7	Removed registration process from the future change section
	Section 8	Updated registration process
	Section 12.2	Changes to the Format of the following fields -

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		place_of_loading - Alpha Numeric (33) place_of_unloading - Alpha Numeric (33) carrier_eori - String (200) 2 Alpha followed by Alpha Numeric carrier_name - String(35) carrier_street_number - String(35) carrer_city - String(35) carrier_postcode - String(9)
	Section 12.3	Changes to the Format of the following fields – consignee_eori - String (200) 2 Alpha followed by Alpha Numeric consignee_name - String(35) consignee_street_number - String(35) consignee_city - String(35) consignee_postcode - String(9) consignor_eori - String (200) 2 Alpha followed by Alpha Numeric consignor_name - String(35) consignor_street_number - String(35) consignor_city - String(35) consignor_postcode - String(9) impoter_eori - String (200) 2 Alpha followed by Alpha Numeric importer_name - String(35) importer_street_number - String(35) importer_city - String(35) importer_postcode - String(9) exporter_eori - String (200) 2 Alpha followed by Alpha Numeric exporter_name - String(35) exporter_street_number - String(35) exporter_city - String(35) exporter_postcode - String(9)
	Section 12.4	Changes to the Usage of the following fields – number_of_packages – Minimum of 1 number_of_individual_pieces – Minimum of 1 Changes to the Format of the following fields – invoice_number – String (35)
	Various	Removal of reference to bulk upload. Now just refers to Upload API
2.0	Whole document	As this is a major release and many additional API calls have been made available, this document should be read through completely. Currently backwards compatibility for the old calls from version 1.6 has been maintained but expect these to be deprecated at some point. The old calls are now referred to as the legacy API. New sections created to describe the new calls which contain the new functionality. The API is now referred to as the “TSS Declaration API” and no longer as an upload API.
2.0.1	Section 5	Related documents list updated.
2.0.2	Section 7	Section renamed. Describes legacy API calls and how API calls will be deprecated.

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	Sections 12.16, 12.17, 12.18 & 12.19	Incorrect prefix shown in samples for the SFD numbers (SFD incorrectly shown instead of DEC)
	Section 5	Reminder to check online for updated copies of this document
2.0.3	Section 12.9	The example payload was missing the *"op_type": "create",* for the nested payloads.
	Section 12.12	Field name of “goods_ref_number” changed to “goods_id” as this is too close to a similar field name.
	Section 12.13	Field name of “goods_ref_number” changed to “goods_id” as this is too close to a similar field name
	Section 12.14	Field name “reference” in the response payload renamed to “goods_id” for consistency
	Section 12.22	Wording changed in include that this requires a POST method.
	Section 12.13	Explains that deletion of Goods Item also deletes all related records
	Section 12.12	Incorrectly referred to field “u_ni_additional_information_codes” but should have been “ni_additional_information_codes”
	Section 12.11	Incorrectly referred to the Declaration Header and not the Consignment in the parameter explanation.
	Section 12.12	Field “net_mass_kg” is mandatory on Supplementary Declaration
	Section 12.22	Field “importer_eori” must be supplied only, the alternative fields have now been removed at Supplementary Declaration level.
	Section 12.11	Fields “error_code” and “error_message” added as read-only fields
	Sections 12.8, 12.11, 12.15, 12.17 & 12.20	For all read resources the first parameter is now called “reference” and is consistent.
	Section 12.6	Field “seal_number” is now String(20)
	Section 12.17 & 12.20	Additional read fields added.
2.0.4	Section 1	Background text changed.
2.0.5	Section 12.6, 12.7, 12.9, 12.10, 12.12	Sample response payloads changed to reflect “created” and not “inserted”. Also, “cancelled” and not “updated”.
	Section 12.9	“controlled_goods” is now a yes/no field and no longer a Boolean
	Section 12.15	The example goods URL was wrong, now corrected to “/goods”
	Section 12.21	Field “additional_procedure” is now a yes/no field and no longer a Boolean Field “identity_no_of_transport” mandatory condition corrected Field “postponed_vat” is now a yes/no field and no longer a Boolean
	Section 12.11, 12.17, 12.18 & 12.20	Field “transport_document_reference” is now called “transport_document_number” for consistency
	Section 12.12	Field “amount” added under “document_references” section, Fields “invoice_number”, “un_dangerous_goods_code” and “number_of_individual_pieces” highlighted with purple notes for clarity, Field “country_of_origin” has mandatory condition explained in more detail, Fields “preference” and “country_of_preferential_origin” added

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		Field “package_marks” is now a string field. Field “ni_additional_information_codes” is now mandatory and a choice field. Sample payload corrected for “ni_additional_information_codes”
	Section 12.18	Fields “previous_document_ref” and “previous_document_class” were missing an underscore in their names
	Section 10.1	Explanation added around new credentials required for the new resources calls
2.0.6	Section 12.6 & 12.22	Field “identity_number_of_transport” is now a string, it is now not required if “movement_type” is Air
	Section 12.21	The example for “postponed_vat” was false, this is now corrected to show no.
	Section 12.17	The example payload for reading an SFD had the wrong resource, this is now corrected
	Section 12.21	Note added for “controlled_goods“ making it clear that you cannot change it from “yes” to “no”
	Section 12.22	Error handling section split into two to detail the differences between the Legacy errors and the new API resource error payloads
	Sections 12.6 through to 12.21	All response payloads have now got the full response information correctly
2.1	Whole document	Format changed to new template and design, capitalisation changed
2.1.1	Section 12.20	The example GET had the wrong resource name, now corrected to supplementary_declarations
	Section 6 & 7	It is now potentially only major changes which will be communicated out but all changes will be documented and updated online.
2.1.2	Section 12.6	Fields “place_of_loading” and “place_of_unloading” have now been changed to Strings
2.1.3	Section 12.22 added	Ability to submit a supplementary declaration added
	Section 12.16	Ability to lookup an SFD number using a supplementary declaration has now been added
	Section 12.12	Field “consignment_number” mandatory condition updated
	Section 12.21	Field “supp_dec_number” changed to “sup_dec_number” for consistency across all resource calls
	Section 12.12 & 13.2	Fields “valuation_method” and “valuation_indicator” added along with their value lookup resources. Field “invoice_number” is now only mandatory depending upon “valuation_method”
	Section 14	Section “Usage scenarios” removed. This information is now held in other documents referenced in Section 5
	Section 8	Rewording to state that the usage of the tsstestenv environment has slightly changed
2.1.4	Section 13.2	Field “item_invoice_currency” added to list of currencies available for lookup
2.1.5	Section 12.1	More explanation provided around mandatory fields and non-required fields.
	Section 12.12	Goods item table restructured for more clarity around whether the goods items are for ENS, SFD or supplementary declarations.
	Section 5	Updated links to revised documents

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	Sections 12.8, 12.11, 12.17 & 12.20	Values for the status field listed
2.2	Sections 11.4, 11.16& 11.21	Field “trader_reference” has been added
	Section 11.8	Additional nested payload for “national_additional_codes” added. Original field now renamed to “national_additional_code”
	Section 13.2	Lookup “national_additional_code” now renamed to support both the main field and the nested payload field
	Section 11.21	Nested payload “duty_totals” is now available to be read Example payload for “additional_procedure” was incorrectly showing “false”, it is now “no”.
2.2.1	Section 11.8	Nested payload header was incorrectly named, now corrected to “national_additional_codes”.
2.2.2	Section 0	New section added showing Simplified Frontier Declaration submit resource
	Section 11.8	Fields “net_mass_kg” and “gross_mass_kg” now amended to allow 5 numeric and two decimal places Fields “nature_of_transaction” and “statistical_value” added to goods for supplementary declarations
	Section 13.2	Field “nature_of_transaction” added to the choice lookups resource
	Section 11.8	Field “additional_procedure_code” is now mandatory for ENS and SFD when the parent consignment state for controlled_goods is yes.
	Section 11.25	Field “vat_adjust_currency” was incorrectly shown in the sample payload as vat_adjustment_currency
2.3	Section 11.27	New resource “recall” added to allow a Supplementary Declaration in a state of “Pending Payment” to be returned to “Draft”.
	Section 11.8	Enhanced wording around “goods_id” field
	Section 11.21	Example payload now includes duty_lines nested payload Field “importer_eori” is now a read-only field
	Section 11.22	Field “importer_eori” is no longer writable on supplementary declarations
2.3.1	Section 13.2	Choices for “no_sfd_reason” added to the list
	Section 11.2	Field “no_sfd_reason” is now available to opt out of SFD creation
2.3.2	Section 11.20	The lookup resource can now return multiple supplementary declarations in a comma separated list
	Section 11.25	Field “supervising_customs_office” is now available to write Field “customs_warehouse_identifier” is now available to write
	Section 11.22	New op_type allows creation of subsequent supplementary declarations
	Sections 11.2 & 11.4	The field “no_sfd_reason” was incorrectly placed on the ENS Header and not on the ENS Consignment record
2.4	Sections 11.29, 11.30 & 11.31	New sections allowing for creation, updating, submitting and reading of Full Frontier Declarations
	Section 11.4 & 11.17	Field ”importer_eori” is now mandatory and it is not possible to specify alternative fields

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	Section 11.11	Field “tariff_requirements” is now available to read on the Goods Item
	Section 11.8	Field “tax_type” is now available for goods items Field “payable_tax_amount” is now available for goods items Field “payable_tax_currency” is now available for goods items
	Section 13.2	Choices for “tax_type” added to the list Multiple choice lookups added for new FFD fields
	Section 11.8 & 11.11	Adjustments made to allow for goods items under FFD
	Section 5	Updated links eg “Declaration data requirements: TSS Full Frontier Declarations”
	Sections 11.21, 11.29 & 13.2	Field “goods_location” has now been removed
2.4.1	Section 11.8	Field “op_type” wasn’t indented as part of the nested payload Field “number_of_individual_pieces” is no longer available for goods under supplementary declarations Field “country_of_preferential_origin” mandatory requiredments for FFD have now changed
	Sections 11.25 & 11.29	Fields “delivery_location_country” and “delivery_location_town” are now no longer mandatory
	Section 11.29	Field “importer_eori” is now mandatory for create but not available for update Field “deferment_account_number” is no longer writable
	Section 11.30	Field “deferment_account_number” is now read only
2.4.2	Section 11.2	Field “conveyance_ref” is now a String field and will allow spaces.
2.5	Section 10.2	New resource for “Maritime Inventory Claim” New resource for “Agent Relastionships”
	Sections 11.32, 11.33 & 11.34	New Resource calls created for Maritime Inventory Claim
	Section 13.2	Choices for “load_type”, “cargo_or_consignment” and “final_destination_location_code”
	Section 11.29	Field “maritime_inventory” created on FFD
	Section 11.25	Field “declaration_choice” is new mandatory field on Supplementary Declarations
	Section 11.35	New resource added for Agent Relationships
	Section 11.36	Ability to actAs as customer added
	Sections 11.4 & 11.17	Field “transport_document_number” is now a string
2.5.1	Sections 11.2, 12.2, 12.3, 12.4 & 12.5	All sections for the Legacy resources have been removed and all remaining sections renumbered
	Section 10.2	Section re-labelled as Legacy resources are now removed
	Section 11.1	Small rewording around reference to the how to guides
	Section 11.8	Fields “controlled_goods” and “controlled_goods_type” are no longer application for goods under supplementary declarations
	Section 11.25	Field "amendment_justification” added. Field “delivery_location_country” is now mandatory Field “delivery_location_town” is now mandatory

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	Section 11.21 & 13.2	Field “goods_location” was incorrectly removed, it is now re-instated.
	Section 9	Section 9 Declaration Process has now been removed, all information should be obtained from the guides in Section 5
	Section 11.21 & 11.25	Field “total_packages” is now a read-only field
	Section 11.29 & 11.30	Field “importer_eori” is now a read-only field
	Section 11.25	Additional mandatory columns added for different declaration types Field “respresentation_type” added
2.5.2	Section 13.2	Choice for “declaration_choice” now split into two for supplementary declaration and full frontier declaration
	Section 11.21 & 11.25	Field “total_packages” is now a writtable field
	Section 11.8	Fields “controlled_goods” is now mandatory for supplementary declarations and “controlled_goods_type” is now required if “controlled_goods” is “yes”
2.5.3	Section 11.21	Fields “arrival_date_time”, “port_of_arrival” and “transport_document_number” are now available to read A new parameter called “filter” is available to get a list of supplementary declarations that match a certain state
	Section 11.16	Field “ens_consignment_reference” is now available to read
	Section 11.25	Field “un_locode” is now available
	Sections 11.25 & 11.29	The mandatory conditions for fields “un_locode”, “delivery_location_country” and “delivery_location_town” have changed
	Section 13.2	New lookups created for “ffd_location_of_goods” and “sd_status”
Version 2.5.3 published on NICTA		
2.5.4	Section 11.8	Added a note for additional_information.additional_info_code as ‘00100’ is not allowed on Supplementary Declarations Additional fields added to “Additional Parties” nested payload to allow Buyer or Seller to be defined.
	Section 11.21	Added “HMRC Payment Reference” in the examples.
	Section 11.29	Additional fields added to “Holder Of Authorisation” nested payload to allow Buyer or Seller to be defined.
2.5.5	Section 12	Added generic error handling error responses. This will be defined in future.
2.5.6	Section 11.25	Added location_of_goods_border and location_of_goods_other
	Section 11.29	Updated location_of_goods_border comment to include ffd_location_of_goods
	Section 13.2	Added ffd_location_of_goods and sd_location_of_goods
2.5.7	Section 11.8	Field “supplementary_units” is now Numeric
	Section 11.25	location_of_goods_border and location_of_goods_other are now optional fields
	Section 11.21	Field “submission_due_date” is now available

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Version 2.5.7 published on NICTA		
2.5.8	Section 11.8	Removal of 'detail_holder_of_authorisation' elements
	Section 11.29	Removal of 'standard_unit_import_valuation'
	Section 11.8	Updated mandatory condition for 'procedure_code' & 'additional_procedure_code' for ENS & SFD.
	Section 11.4 & 11.17	Added CFSP fields: use_importer_sde declaration_choice Updated usage for: supervising_customs_office customs_warehouse_identifier
	Section 13.2	Added 'sfd_declaration_choice'
	Section 11.25	Field "total_packages" is optional
2.5.9	Section 10.2	Removed reference to the legacy API in resources "headers", "consignments" and "goods"
	Section 11.4	Added additional guidance for the "use_importer_sde" field Added additional guidance for the "generate_SD" field
	Section 11.8	Updated "ENS & SFD Mandatory" conditions for: • "net_mass_kg" • "controlled_goods_type" • "commodity_code" • "country_of_origin" • "item_invoice_amount" • "item_invoice_currency" • "additional_procedure_code" • "taric_code" • "cus_code" • "national_additional_code" • "supplementary_units" • "tax_base_unit" • "tax_base_quantity" Added additional guidance to clarify where a nested payload (such as a document reference) is required
	Section 11.17	Added additional guidance for the "generate_SD" field
	Section 11.21	Added field "total_packages"
	Section 11.25	Removed field "total_packages"
Version 2.5.9 published on NICTA		
2.6.0	Section 11.29	Added 'agent_representative' & Nested payload elemets for Guarantee Type.
2.6.1	Section 11.12, 11.13 & 11.14	Added section to cover SFD Headers – Create/Update, Cancel & Read
	Section 11.2	Field 'route' is now read-only.

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	Section 11.18	Create now listed for SFD for use with SFD Header.
	Section 11.29 & 11.25	Fields 'total_invoice' & 'total_invoice_currency' are now read-only
	Section 11.8	Updated usage for 'tax_type'
2.6.2	Section 11.29 & 11.25	Fields 'total_invoice' & 'total_invoice_currency' are now N/A
	Section 11.4 & 11.17	Updated usage for: supervising_customs_office generate_sd
	Section 11.4 & 11.17	DUCR updated as optional (removed 'controlled_goods' condition)
Version 2.6.2 published on NICTA		
2.6.3	Section 11.8	'controlled_goods' & 'controlled_goods_type' set to N/A for SD
	Section 11.22	Added section for Standalone SD (create/update)
	Section 11.8	Updated usage for 'document_status' & 'document_reason'
	Section 13.2	Added 'standalone_sdi_authorisation_type'
2.6.4	Section 11.23	Added section for Standalone SD (cancel)
	Section 11.22	Header Previous Document Type (DCR) mandated for create/update
2.6.5	Section 11.4	Updated mandatory condition for 'no_sfd_reason'
	Section 11.8	Updated usage for 'net_mass_kg'
2.6.6	Section 11.22	Updated usage conditions
Version 2.6.6 published on NICTA		
2.6.7	Section 11.4, 11.17 & 11.18	Updated usage condition for 'auth_type_code' field to reflect permitted values for ENS and SFD Consignment.
	Section 11.22 & 11.25	Updated mandatory obligation for 'freight_charge' & 'freight_charge_currency' fields based on 'incoterm' value. (For Supplementary Declaration)
	Section 9.2	Added section detailing handling of Date/Time as UTC.
2.6.8	Section 11.4	Updated mandatory wording for 'no_sfd_reason' to provde more clarity.
	Section 11.4, 11.17 & 11.18	'importer_name, importer_street_number, importer_city, importer_postcode, importer_country' removed from example payload as no longer required.
Version 2.6.8 published on NICTA		
2.6.9	Section 11.37, 11.38 & 11.39	Added sections for Create, Update and Submit calls for GVMS GMR.
2.7.0	Section 11.40, 11.41	Added sections for Read and Cancel calls for GVMS GMR.
	Section 13.2	Added 'gvms_routes'

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2.71	Section 11.40	Added 'is_unaccompanied' as a field available to read.
	Section 11.37	Updated usage for 'ens_lrn' to indicate only one active GMR is permitted per movement.
Version 2.7.1 published on NICTA		
2.7.2	Section 11.37	Updated to indicate create call is permitted for both Authorised for Movement and Arrived ENS Movements.
Version 2.7.2 published on NICTA		
2.7.3	Section 11.4, 11.17 11.18, 11.22 & 11.25	Added field "destination_country"
Version 2.7.3 published on NICTA		
2.7.4	Section 11.8	Updated to indicate 'quota_order_number' is available for use with Supplementary Declaration. Mandatory for FFD and SD if 'ni_additional_information_codes' is 'NIQUO'.
	Section 11.40	Added 'inspection_required' & 'report_to_locations' as fields available to read.
	Section 11.4, 11.17 11.18, 11.22 & 11.25	Added field 'importer_parent_organisation_eori '
Version 2.7.4 published on NICTA		
2.7.5	Section 11.22 & 11.25	Added Buyer/Seller elements under ' holder_of_authorisation'
	Section 11.29	Corrected max length for 'name' & 'street_and_number' fields under 'holder_of_authorisation' Changed from 70 to 35
	Section 11.37, 11.38 & 11.40	Added 'external_contacts' elements
Version 2.7.5 published on NICTA		
2.7.6		Update of Headers / Footers to align to latest standard
2.7.7	Section 11.4	Updated Consignor & Consignee Name/Address usage (EORI Updates)
Version 2.7.7 published on NICTA		
2.7.8	Section 11.28	Added section for supplementary declaration goods Item duty lines (read)
Version 2.7.8 published on NICTA		
2.7.9	Section 11.21	Added field 'clear_date_time'
Version 2.7.9 published on NICTA		
2.8.0	Section 11.4, 11.17 11.18	Updated GB/XI EORI guidance for 'importer_eori', 'exporter_eori' & 'importer_parent_organisation_eori' fields
	Section 11.22 & 11.25	Updated GB/XI EORI guidance for 'exporter_eori' & 'importer_parent_organisation_eori' fields
	Section 11.29	Updated GB/XI EORI guidance for 'exporter_eori' field
	Section 11.29	Added optional field 'importer_eori' and included GB/XI EORI guidance
Version 2.8.0 published on NICTA		
2.8.1	Section 11.4, 11.17 11.18 & 11.29	Added optional field 'align_ukims'

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	Section 13.2	Added note to reference the introduction of three additional fields in the GET choice value call for 'commodity_code'
Version 2.8.1 published on NICTA		
2.8.2	Section 11.8	Updated mandatory guidance for 'quota_order_number'
Version 2.8.2 published on NICTA		
2.8.3	Section 10.2	Added 'internal_market_movement' to resource list
	Section 11.42, 11.43 & 11.44	Introduction of Internal Market Movement create, update, submit, cancel, and read calls
2.8.4	Section 10.2	Added 'permission_grant' to resource list
	Section 11.4	Added 'error_message' to read field list
	Section 11.45	Added create/update section for 'Internal Market Movement ENS Consignment'
	Section 11.47	Added section for 'Permission Grant' GET call
	Section 11.8	Added column to specify fields available for Internal Market Movement ENS Consignment
	Section 13.2	Added note to reference the introduction of additional fields in the GET choice value call for additional_procedure_code, document_code, port, additional_info_code, auth_type_code, previous_document_type, procedure_code
	Section 11.10	Included 'ens_number' & 'glr_number'
	Section 11.46	Added section for IMMI Goods create/update
2.8.5	Section 11.42	Updated usage for 'transport_document_reference', 'location_of_goods_border', 'location_of_goods_other' & 'declaration_category'
	Section 11.4, 11.18 & 11.17	Removed restriction regarding permitted values for 'auth_type_code' field.
	Section 11.47	Added section for IMMI lookup call
	Section 11.48	Added section for reclassify call (H1-H8)
	Section 11.49	Added section for reclassify call (H8-H1)
	Section 10.2	Added 'reclassify' calls to resource list
2.8.6	Section 11.4, 11.17 11.18, 11.22, 11.25 & 11.29	Added Importer EORI address fields (if not already specified) and included guidance on mandatory requirements
	Section 11.4, 11.17 11.18 & 11.29	Updated guidance around use of Importer EORI in relation to XI EORIs
	Section 11.46	Added additional guidance to 'commodity_code'
Version 2.8.6 published on NICTA		
2.8.7		Includes WF related updates
2.8.8	Section 11.42	Updated usage for 'location_of_goods_border' & 'location_of_goods_other'
	Section 11.42	Added field 'transport_document_type' and included in example payload
	Section 13.2	Added field 'transport_document_type'

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	Section 11.42	Updated usage for 'previous_document_type'
	Section 11.50	Included 'private_name' in permission grant example payload and added table detailing values returned
	Section 11.42	Updated mandatory condition for Arrival Date Time
Version 2.8.8 published on NICTA		
2.8.9	Section 11.4	Added field 'container_indicator'
	Section 11.2	Updated format and mandatory condition for 'identity_no_of_transport'
	Section 11.42	Updated mandatory condition and usage for 'arrival_date_time'
	Section 11.2	Updated mandatory condition for the carrier address fields
	Section 11.4	Updated mandatory condition and usage for importer, exporter, consignee and consignor address fields
	Section 11.8	Updated mandatory condition for 'equipment_number' & 'commodity_code'
	Section 11.6, 11.16 & 11.44	Added the field 'control_status'
	Section 11.45	Added Importer EORI address fields and included guidance on mandatory requirements
	Section 11.45	Added field 'container_indicator'
	Section 11.45	Updated mandatory condition and usage for importer, exporter, consignee and consignor address fields
	Section 11.46	Updated mandatory condition for 'equipment_number'
	Section 11.42	Added Importer EORI address fields and included guidance on mandatory requirements
2.9.0	Section 11.2	Updated mandatory condition for the carrier address fields
	Section 11.2	Added the fields 'place_of_acceptance_same_as_loading', 'place_of_delivery_same_as_unloading', 'place_of_delivery' & 'place_of_acceptance'
	Section 11.45	Updated mandatory condition for 'container_indicator'
	Section 11.8	Updated mandatory condition for 'commodity_code'
	Section 11.45 & 11.4	Updated mandatory condition and usage for importer, exporter, consignee and consignor address fields
	Section 11.2	Updated format and mandatory condition for 'identity_no_of_transport'
	Section 11.45 & 11.4	Added buyer and seller fields and included guidance on mandatory requirements
	Section 11.2 & 11.4	Updated payload examples
	Section 11.45 & 11.4	Updated usage (unique requirement) for 'transport_document_number' field
	Section 11.8 & 11.46	Updated usage (stop words) for 'goods_description' field
Version 2.9.0 published on NICTA		
2.9.1	Section 11.2	Updated guidance for 'arrival_date_time' field
	Section 11.45 & 11.4	Removed usage (unique requirement) for 'transport_document_number' field
	Section 11.8 & 11.46	Updated mandatory condition for 'equipment_number'

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Version 2.9.1 published on NICTA		
2.9.2	Section 11.4	Updated mandatory condition for 'no_sfd_reason' field to also reference SCDP check
	Section 11.2	Added the field 'type_of_passive_transport'
	Section 13.2	Added the field 'type_of_passive_transport' ('passive_transport_types')
	Section 11.2	Added note to introduction section regarding update of the 'identity_no_of_transport' field when in Authorised for Movement state
	Section 11.2	Updated usage for 'movement_type' to include mapping at SFD/SD level
	Section 11.25	Updated usage for 'movement_type'
	Section 11.45 & 11.4	Updated usage for importer address fields to also reference 'RoRo Accompanied'
Version 2.9.2 published on NICTA		
2.9.3	Section 11.2	Updated usage for 'place_of_loading' & ' place_of_unloading'
	Section 11.45 & 11.4	Updated usage for 'transport_document_number'
Version 2.9.3 published on NICTA		
2.9.4	Section 11.2	Updated mandatory requirement for 'nationality_of_transport'
	Section 11.2	Updated usage for 'arrival_date_time', removing reference to "RoRo (Accompanied/unaccompanied)"
	Section 11.16	Added new parameter called "filter" to get a list of SFDs that match a certain state
	Section 11.44	Added new parameter called "filter" to get a list of IMMIs that match a certain state
Version 2.9.4 published on NICTA		
2.9.5	Section 11.8	Updated usage for 'taric_code'
	Section 11.22 & 11.25	Added the field 'addition_deduction_currency'
Version 2.9.5 published on NICTA		
2.9.6	Section 11.50	Included 'tss_restricted' in permission grant example payload and added to table detailing values returned
Version 2.9.6 published on NICTA		
2.9.7	Section 11.8	Added note to the 'country_of_preferential_origin' field

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