Oracle Fusion Cloud Transportation and Global Trade Management

Regulatory Content System Guide

Release 26B

Oracle Fusion Cloud Transportation and Global Trade Management
Regulatory Content System Guide

Release 26B

G49073-01

Copyright © 2021, 2026, Oracle and/or its affiliates.

Author: Oracle Transportation and Global Trade Management Product Team

Contents

Get Help i

2 Global Trade Management Overview 3

Overview 3

3 GTM Services 5

GTM Services Overview 5

4 Download Process Flows of GTM 7

Download Process Flows 7

5 Current Process in GTM 9

Current Process 9

Downloading the Status Document 10

Downloading the Zip Files 13

Preparing GTM-Compatible CSVs 20

Get Help

There are a number of ways to learn more about your product and interact with Oracle and other users.

Get Help in the Applications

Use help icons to access help in the application.

Join Our Community

Use *Cloud Customer Connect* to get information from industry experts at Oracle and in the partner community. You can join forums to connect with other customers, post questions, and watch events.

Share Your Feedback

We welcome your feedback about Oracle Applications user assistance. If you need clarification, find an error, or just want to tell us what you found helpful, we'd like to hear from you.

You can email your feedback to *otm-doc_us@oracle.com*.

Thanks for helping us improve our user assistance!

2 Global Trade Management Overview

Overview

Global trade practice requires companies to have access to and use the current trade data available. There are many types of trade data available with various sources, both nationally and internationally. Failure to use the most up-to-date data can result in inaccurate screenings, which may lead to significant fines and penalties, delays, revocation of trade privileges, and lost revenues. Examples of trade content include, but are not limited to:

- Denied Party Screening Lists
- Harmonized System and Classification Information
- Tariff and Duty Rates
- Binding Rules and Regulations
- Free Trade Agreement Information

Every company must abide by its government's import/export policies. Oracle Global Trade Management (GTM) assists companies by:

- Identifying business transactions which violate regulations or lack the required licenses
- Classifying the goods using the Harmonized Commodity Description and Coding System
- Consolidating the transaction details required for customs filing
- Helping to determine if goods are eligible and qualify for trade programs and trade agreements

Each business transaction involves many parties. However, the companies cannot conduct business with any party that has been labeled as a restricted party by the governmental authority. The authorities publish the list of restricted parties from time to time. GTM provides the functionality to download these lists from any third party data content provider and perform screening of involved parties against the list of "Restricted" parties identified by the government.

Similarly, GTM helps users to download, update, or view product classification data and other related compliance elements for prompt and accurate customs filing.

This document is about the details and the format of the documents/data downloaded from the content provider and the data mapping between the content provider and GTM.

Note: This document is about the existing flow between GTM and a third party data content provider.

3 GTM Services

GTM Services Overview

Restricted Party Screening

The United States of America and other regional, unilateral, and multilateral agencies enforce regulations that restrict businesses and people from conducting trade with specific foreign entities (individuals, companies, countries). These entities are referred to as Denied, Debarred, and/or Restricted Parties. Examples of these entities include but are not limited to known terrorists, organizations that fund terrorists, and parties guilty of trade violations. Typically, the restricted parties are mainly countries subject to embargoes, and persons, businesses, and organizations subject to financial sanctions. Periodically, these agencies publish lists of entities that are marked as restricted parties.

In order to adhere to the regulations, companies screen their party master data and transactions against these lists, which can be very time consuming and laborious. Furthermore, if a business ships goods to a restricted party, it could incur fines, penalties, and ultimately the loss of export privileges.

GTM provides the functionality to download these lists from third party data content providers and perform screening of involved parties against the lists of 'Restricted' parties identified by the government.

Product Classification

The Harmonized Commodity Description and Coding System, also known as the Harmonized System (HS) of tariff nomenclature, is an internationally standardized system of names and numbers to classify traded products. HS codes are used by customs authorities, statistical agencies, and other government regulatory bodies to monitor and control the import and export of commodities through:

- Customs tariffs
- Collection of international trade statistics
- Rules of origin
- Collection of internal taxes
- Trade negotiations (e.g. the World Trade Organization schedules of tariff concessions)
- Transport tariffs and statistics
- Monitoring of controlled goods (e.g. wastes, narcotics, chemical weapons, ozone layer depleting substances, endangered species, etc.)
- Areas of customs controls and procedures, including risk assessment, information technology and compliance

In addition, before you can export or import a product, you must identify your product's proper Schedule B (for US exports) or Harmonized Schedule (HS) (for imports) number. This number must appear on both the export and the import documentation that accompanies a shipment.

Companies use HS codes to calculate the total landed cost of imported products and parts, and to identify selling and sourcing opportunities abroad. Companies also use harmonized tariffs to determine if their goods can take advantage of preferential trade programs and trade agreements. GTM helps you to download, update, or view product classification data and other related compliance elements for prompt and accurate customs filing.

Some products (such as munitions and computer hardware) exported from the United States require an export license from either the U.S. Department of Commerce or another U.S. agency like the State Department. Before you can determine whether your product requires an export license, you must investigate if your product has an Export Control Classification Number (ECCN).

Finally, some countries also provide munitions lists, which may include services and technology that are related to defense or space. In some instances, customers may also need to assign munitions list numbers to their items.

Trade Agreements and Rules of Origin

Trade agreements are treaties/terms involving taxes and tariffs for cross-border shipments. Two or more countries agree upon trade agreements to reduce their own customs duties and those of their customers.

Rules of origin are available for trade agreements across the globe and support rule types such as tariff shift, regional value content method, de minimis, HS inclusion, HS exclusion, and wholly obtained goods. You can download trade agreements and Rules of Origin data from third party content providers.

GTM provides features that help you to determine if goods you manufacture qualify for trade agreements based on the associated Rules of Origin. If your finished goods qualify for a trade agreement, you can produce the appropriate certificates of origin and provide them to your customers. This results in a cost-effective business transaction.

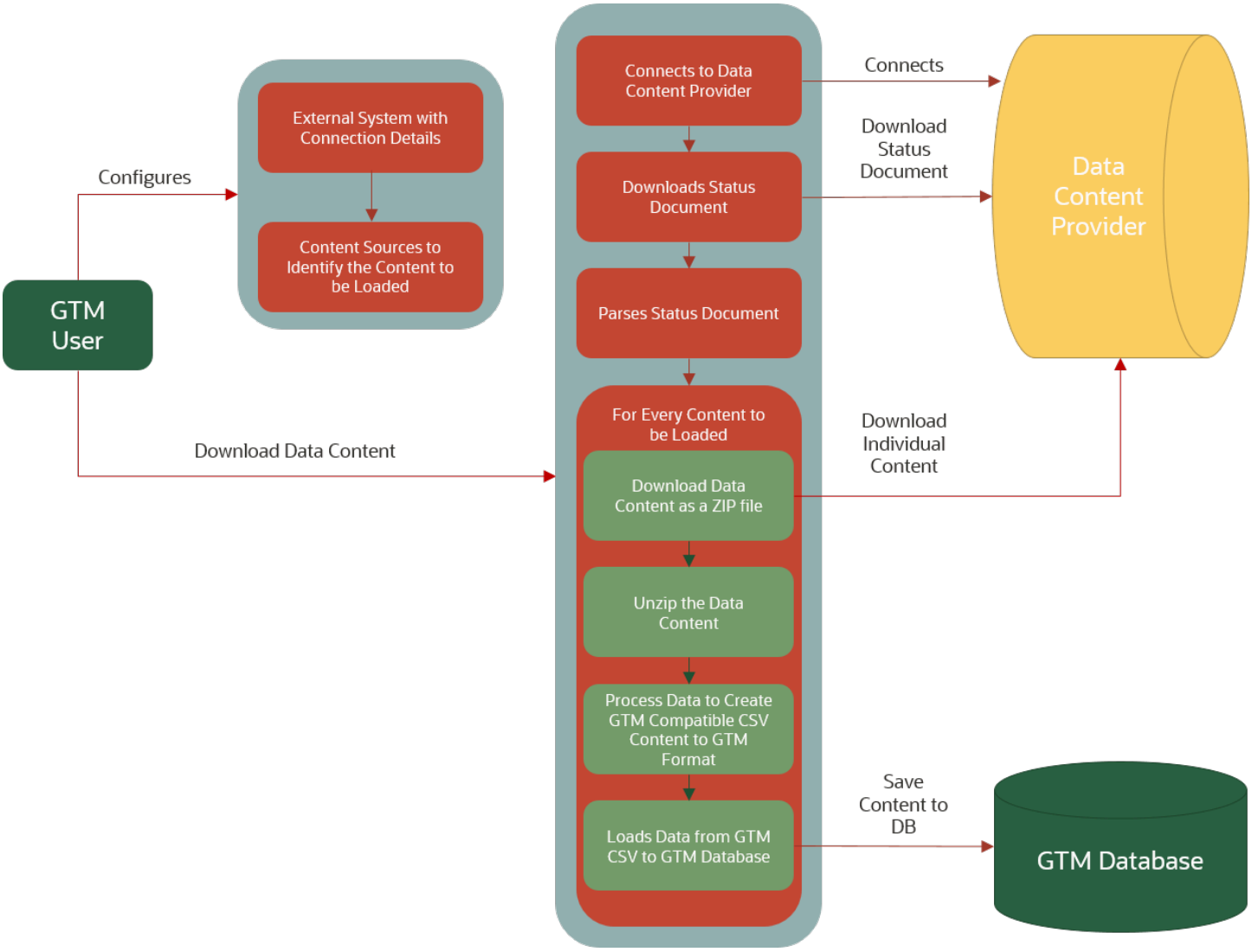
4 Download Process Flows of GTM

Download Process Flows

Government authorities publish and regularly update lists for compliance purposes. These lists include the details of:

- Restricted parties
- Product classification codes for different product classification types
- Product classification code mappings from one type to another
- Trade agreements
- Rules of origin

GTM enables you to connect to any third party data provider and download the required data based on specific configuration setup.


External System with Connection Details
Content Sources to Identify the Content to be Loaded
Configures
GTM User
Download Data Content
Connects to Data Content Provider
Downloads Status Document
Parses Status Document
For Every Content to be Loaded
Download Data Content as a ZIP file
Unzip the Data Content
Process Data to Create GTM Compatible CSV Content to GTM Format
Loads Data from GTM CSV to GTM Database
Connects
Download Status Document
Download Individual Content
Save Content to DB
Data Content Provider
GTM Database

5 Current Process in GTM

Current Process

The following sections discuss the details of the functional flow between GTM and the third party data content provider.

Connecting via Content Source

GTM allows you to bring in content from various external data sources. An external data source can be modeled in GTM as a Content Source.

You can create custom content sources via **Master Data > Power Data > Data Loading > Content Source**.

You must also configure what content should be downloaded in the Content Source Data Type section on the Content Source power data window. The Source Data Type field contains the data type ID provided by the third party data content provider. Data in the Content Type field identifies the type of content (HTS-US, ML-US, RESTRICTED_PARTY, RULES OF ORIGIN, etc.) to be downloaded.

> **Note:** The preferred approach is to have three different content sources per provider: one for restricted party list screening data, one for classification data, and one for rules of origin data.

The external system identifies the site from where the data content will be downloaded and the communication method indicates how it should be downloaded. On this page, you must provide the details for both the external system location and the communication method as "HTTPPOST". The third party content provider is responsible for providing the User Name, the Password and the URL to use to access their system.

> **Note:** The external system must be specified on the Content Source page configured above in the Configuration section at the bottom of the page.

See the *Customs Filing Integration Guide* for more details on the communication method.

Example: Following is an example of how you can configure GTM to download data from a third party content provider.

1. Create:
    - **Content Type**: You can access this page via Master Data > Power Data > Data Loading > Content Types. Create a new content type in the PUBLIC domain with the naming notation: ID > HTS-<US>. (Replace <US> with any other country code that you want to download. This two-character country code should be retrieved from the content provider's XML file.)
    - **Classification Type > HTS <US>**: You can access this page via Master Data > Power Data > Product Classification > Product Classification Types. Replace <US> with any other country code that you want to download. (This two-character country code should be retrieved from the content provider's XML file.)
    - **Content Source**: Navigate to Master Data > Power Data > Data Loading > Content Source. Create a new content source in the PUBLIC domain with any name you like. If you have an existing content source for the same type of data, you can add it to that.
2. **Add Content Type to Content Source**: Edit the content source that you created and add records like:
    - **Content Source Type**: HSN (refer to the content source shipped with the PUBLIC domain when entering its correct value)

- **Source Country ID**: US (Replace <US> with any other country code that you want to download. This is the two-character country code should be retrieved from the content provider's XML file.)
- **Supported**: Yes
- **Content Type**: HTS-US (this is the content type created in a previous step).

3. **Create Data Load Type**: You can access this page via Master Data > Power Data > Data Loading > Data Load Types. Create a new data load type in the PUBLIC domain with any name you like. However, make sure that you select the correct content type and content source. For example:
   - **Data Load Type**: HTS-US_CI (Replace <US> with any other country code that you want to download.)
   - **Content Source**: Any new content source that you created
   - **Content Type**: HTS-US

Note: For more details, see the following sections in help:
- GTM How To/Configuration Topics > *Trade Content Download*
- GTM How To/Configuration Topics > *Trade Agreement Qualification*

Downloading the Status Document

When you perform the Download Data Content action and provide a content source, GTM logs onto the external system via the URL specified and downloads an XML file known as a status document.

The URL in GTM's external system points to an XML file on the content provider's server. That XML file is called a status document by the content provider. The status document is an XML file that specifies the current status of the data available to GTM, all the available data types, the dates that they were last updated, and a link to download the data files.

Based on the information in the status document and how you have configured GTM (what types to data to download, how often to check the content provider, etc.), GTM will parse the status document and download any new content available.

Note: If you want to download country-specific HS codes, it is recommended that you create all the necessary data loading configurations in only the PUBLIC domain. Also, the download process should be triggered from only the PUBLIC domain.

Note: For the Content Type – RULES OF ORIGIN, the Source Country should be left blank in the Content Source Data Type grid of Content Source UI. It is not considered even if provided. When the content type – RULES OF ORIGIN is selected as supported, GTM downloads all the rules of origin mentioned in the status document.

Sample Status Document

```
<?xml version="1.0" encoding="us-ascii"?>
<Status_Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
 <Version_ID>39</Version_ID>
 <Last_Update_DT>10/14/2010</Last_Update_DT>
 <File_Detail>
 <Files>
 <File_ID>12</File_ID>
 <Update_Indicator>0</Update_Indicator>
```

```
 <Data_Type>HSN</Data_Type>
 <Country>mx</Country>
 <Description>Tariff Data, specifically HS Codes and Descriptions. Contains HSMaster and HSParts tables.</
Description>
 <URL>https:/example.com/SampleData/mx_**_20080918.zip</URL>
 </Files>
 <Files>
 <File_ID>78</File_ID>
 <Update_Indicator>1</Update_Indicator>
 <Data_Type>DPL</Data_Type>
 <Country>us</Country>
 <Description>Master DPL</Description>
 <URL>https:/example.com/SampleData/dpl_**_20100819.zip</URL>
 </Files>
 <Files>
 <File_ID>97</File_ID>
 <Data_File>DPL</Data_File>
 <Update_Indicator>1</Update_Indicator>
 <Requires_File_ID>96</Requires_File_ID>
 <Data_Type>DPL</Data_Type>
 <Country>us</Country>
 <Publish_DT>10/01/2010</Publish_DT>
 <Description>Delta DPL</Description>
 <URL>https:/example.com/SampleData/dpl_**_20101001_16_20.zip</URL>
 </Files>
 <Files>
 <File_ID>5035</File_ID>
 <Data_File>Eccn-Descriptions-HK-EN</Data_File>
 <Update_Indicator>0</Update_Indicator>
 <Requires_File_ID>0</Requires_File_ID>
 <Data_Type>ECCN</Data_Type>
 <Country>HK</Country>
 <Publish_DT>04/15/2014</Publish_DT>
 <Description>ECCN text broken down by paragraphs</Description>
 <URL>https://example.com/SampleData/ECCN_**_en 20140418_09_04.zip</URL>
 <Language_Cd>EN</Language_Cd>
 </Files>
 <Files>
 <File_ID>12860</File_ID>
 <Data_File>ScheduleBNomenclature</Data_File>
 <Update_Indicator>0</Update_Indicator>
 <Requires_File_ID>0</Requires_File_ID>
 <Data_Type>SCHEDB</Data_Type>
 <Country>US</Country>
 <Publish_DT>01/24/2017</Publish_DT>
 <Description>Schedule B Nomenclature. Contains HSMaster and HSParts tables.</Description> <URL>https://
example.com/SampleData/schedb_en_20170128_12_19.zip</URL>
 <Language_Cd>EN</Language_Cd>
 </Files>
 <Files>
 <File_ID>14906</File_ID>
 <Data_File>mlNomenclature</Data_File>
 <Update_Indicator>0</Update_Indicator>
 <Requires_File_ID>0</Requires_File_ID>
 <Data_Type>HSN</Data_Type>
 <Country>ML</Country>
 <Publish_DT>03/14/2014</Publish_DT>
 <Description>Munition Lists</Description>
 <URL>https://example.com/SampleData/ml_**_en 20140314_14_30.zip</URL>
 <Language_Cd>EN</Language_Cd>
 </Files>
</File_Detail>
</Status_Document>
```

Consider the above sample status XML file snippet provided by the third party content provider. There are a couple of key attributes that should be noted:

- **Version_ID**: GTM uses this element to check whether the status document has been previously downloaded or processed.
- **File_ID**: The content provider can push changes to data content in file format. This ID is unique and is tied to a corresponding data .zip file. It is never re-used in any further downloads.
- **Update_Indicator**: This tells you if the .zip file is a master data list or an incremental update list. If the indicator is 0, it is a master data list; if 1, then it is an update/delta list.
- **Requires_File_ID**: This can be used to indicate the dependency between the files. For denied party data, this identifies the data file (master or delta) which should be processed before the current data file (delta). For classification data, this identifies the data content file in which the details are present in the English language. Content providers need to always provide the Required_File ID (the file with English language records) for other languages.
- **Country**: The 2-digit country code for which this .zip file data applies.
- **URL**: URL for the .zip files to download.

The third party content provider should start by publishing a status document with only master data.

For restricted party data, there should be one master file, which is the consolidated list of all the denied parties. When new entries need to be added, they should be created as delta files. All the master data files should have an Update_Indicator of “0”. All the delta data files should have an Update_Indicator of “1” and an appropriate File_ID and a Version_ID in the status document.

There is no delta file concept related to product classification and rules of origin data as GTM downloads the complete list of product classification data and rules of origin data every time. The Update_Indicator should always be 0 in case of product classification code data and rules of origin data.

Processing of the Status Document

GTM processes the status document as follows:

- Looks at the Version_ID.
- Reads each File_ID and checks if they are processed.
- If the File_ID has been processed, there is nothing else for GTM to do.
- If the File_ID has not been processed, GTM downloads the .zip file and loads the content.

Data Version

A data version is a set of data to be considered for any GTM service, such as denied party screening, product classification, or rules of origin. A data version is composed of two attributes, the type of data (DPL/HSN/ECCN/Schedule-B), and the country to which it applies. Therefore, there is one data version for US/DPL data, one version for US/HSN data, one version for MX/HSN data, and so on. Ideally, there is one data version marked as current for type of data and country combination. For restricted parties, there is one data version marked as current for a content source. For product classifications, there is one data version marked as current for type of data and country combination for a content source. For rules of origin, there will be one data version active for any trade agreement and the importing partner for a content source.

GTM loads the content as follows:

- If the update indicator is 1, then GTM will look up the current data version for that particular data type and country. A new data version (GTM_DATA_VERSION_GID) is not created and updates are made to the existing data version. These updates are referred to as a delta list and are typically seen when a client downloads restricted party data.
- If the update indicator is 0, then this is a master data file. Typically, this is seen when a client first downloads the data or if the data is classification code data or rules of origin data. When the indicator is 0, GTM will create a new data version for this data type and country combination. Therefore, it is possible that there will be multiple data versions for classification data such as HSN, ECCN, ML, and Schedule B. GTM will then set this new data version as current, and set all the other existing data versions that apply for this data type and country to be not current.

Downloading the Zip Files

Based on the URLs provided in the status document, GTM downloads the zipped folders. The zipped folders should contain the following files with raw data provided by the content provider.

Files for Restricted Party

- **SOURCE:** The zipped folders for restricted party must contain a single file with the word "SOURCE" in the file name. This file will contain details of all the restricted parties.

Files for Product Classification

- **MASTER:** This must be present in the zipped folder for all the classification code downloads with raw data provided by the content provider. The file name must contain the word "MASTER". This file will contain the details of the classification codes.
- **PARTS:** This must be present in the zipped folder for all the classification code downloads with raw data provided by the content provider. The file name must contain the word "PARTS". This will contain the parent classification of any classification code.
- **UOM:** This file should be present for HTS, HSN-EX, and Schedule B download. The file name must contain the word "UOM". This will contain the Units of Measure (UOM) details for each classification code.
- **ATTRIBUTES:** This file should be present for HTS, HSN-EX, Schedule B, ECCN, and ML download. The file name must contain the word "ATTRIBUTES". This will contain the parent classification of any classification code.

Files for Tariff Details

- **TRADE_PROGRAM_TYPES:** This file should be present for HTS download. The file name must contain the words "TRADE_PROGRAM_TYPE_DESCRIPTION". This will contain the trade program types.
- **TRADE_PROGRAM:** This file should be present for HTS download. The file name must contain the words "IS_DEFAULT_TRADE_PROGRAM". This will contain the trade programs related to a classification type.
- **TARIFF_COUNTRIES:** This file should be present for HTS download. The file name must contain the words "ORIGIN_COUNTRY_CD". This will contain the countries included or excluded for rate calculation.
- **TARIFF_RATE:** This file should be present for HTS download. The file name must contain the words "ADDVALOREM_RATE". This will contain the tariff rates related to a particular classification code.

- **TRADE_AGREEMENTS:** This file should be present for HTS download. The file must contain the words "fta_name". This contains all the trade agreements irrespective of the HTS country.

Files for Rules of Origin

- **ROO_HEADER:** This file should be present for ROO download. The file must contain the words "version_number". This will contain the rules of origin details.
- **ROO_PSRULES:** This file should be present for ROO download. The file must contain the words "suffix". This contains the product specific rules of a particular rules of origin.
- **ROO_PSRULE_CODES:** This file should be present for ROO download. The file must contain the words "operator". This contains the product specific rule codes of a particular rules of origin.
- **ROO_PSRULE_CODE_DESCS:** This file should be present for ROO download. The file must contain the words "text". This contains the descriptions of a particular product specific rule code for different languages.
- **ROO_BASE_RULES:** This file should be present for ROO download. The file must contain the words "base_rule_type_name". This contains the base rules of a particular rules of origin.
- **ROO_TRADE_AGREEMENTS:** This file should be present for ROO download. The file must contain the words "fta_name". This contains all the trade agreements irrespective of the rules of origin.
- **ROO_TRADEAGREEMENTS_PARTNERS:** This file should be present for ROO download. The file must contain the words "iso_country_cd". This contains all the partners related to the trade agreement mentioned in the ROO_HEADER file.

Sample Raw DPL Data from the Downloaded Files

```
ID||FirstName||LastName||CompanyName||Address||City||State||CountryCode||CountryName||ZipCode||StartDate||
EndDate||Field1||Code||LastUpdated||IDNUM||Vol1||Page1||FedDate1||Vol2||Page2||FedDate2||Vol3||Page3||
FedDate3||Vol4||Page4||FedDate4||Vol5||Page5||FedDate5||Vol6||Page6||FedDate6||Vol7||Page7||FedDate7||Vol8||
Page8||FedDate8||Notes||url
12||JAVIER||ANDRADDE ALCEDIS||||||CALI||||AF||AFGHANISTAN||||1999-03-05||2019-04-28||||sdnt||2019-04-28||
5311||61||9524||1999-03-08||||||||||||||||||||||||||||||||||||||||||||||||||||||https://www.mkdenial1.com/view.cfm?
idnum=531167||
13||||||J. FREDDY RUSLAN Y||Carrera 4 No. 11-3446 Ofc. 503||CALI||||NT||NETHERLANDS ANTILLES||||2013-03-27||
2015-04-28||||sdnt||2019-04-28||13282||||||||||||||||||||||||||||||||||||||||||||||||||NIT # 800020482-4||
https://www.mkdenial1.com/view.cfm?idnum=1328256||
14||JOSEPH FREDDY||MIRANDA-MENDOZA||||Carrera 4 No. 5B-111 Ofc. 503||CALI||||TC||UNITED ARAB EMIRATES||||
2013-03-27||2015-04-28||||sdnt||2019-04-28||13372||||||||||||||||||||||||||||||||||||||||||||||||||||||
https://www.mkdenial1.com/view.cfm?idnum=1337256||
15||SVETLANA BORISOVNA||KOZENKO||||Calle 52N No. 11-45||CALI||||AQ||AMERICAN SAMOA||||2013-03-27||
2015-04-28||||sdnt||2019-04-28||13373||||||||||||||||||||||||||||||||||||||||||||||||||https://
www.mkdenial1.com/view.cfm?idnum=1337345||
16||JOSEPH FREDDY||AL-MESHEDANI||||Carrera 11 No. 46- W224 apt. 201||CALI||||BN||BENIN||||2013-03-27||
2015-04-28||||sdnt||2019-04-28||13374||||||||||||||||||||||||||||||||||||||||||||||||||||https://
www.mkdenial1.com/view.cfm?idnum=1337454||
17||HASSAN JAMIL||LUIS ALBERTO||||Carrera 11 No. 6B-4390||CALI||||BA||BAHRAIN||||2003-03-27||2013-04-28||||
sdnt||2019-04-28||13375||||||||||||||||||||||||||||||||||||||||||||||||||||||https://www.mkdenial1.com/
view.cfm?idnum=13375EW||
18||ABU AL-QASEM||MAFLAK POLOCK||||||CALI||||CM||CAMEROON||||2013-03-27||2015-04-28||||sdnt||2019-04-28||
13376||||||||||||||||||||||||||||||||||||||||||||||||||||||c/o COMPANIA DE FOMENTO MERCANTIL S.A.||https://
www.mkdenial1.com/view.cfm?idnum=133763E||
19||JULIO CESAR||BALBEK||||||PUERTO TEJADA||||BO||BELARUS||||2013-03-27||2015-04-28||||sdnt||2019-04-28||
13377||||||||||||||||||||||||||||||||||||||||||||||||||||||c/o CONSTRUCCIONES PROGRESO DEL PUERTO S.A.,||
https://www.mkdenial1.com/view.cfm?idnum=13377EWRE||
```

Sample Raw HSN Master Data

Sample Raw HSN Master Data from the Downloaded Files

```
mstr_id||hscode||language_id||country_id||full_desc||part_id||iso_language||iso_country||data_type||uom1||
uom2||sitc||enduse_cd||asusda_flag||naics||hitech||eff_beg_dt||eff_end_dt||uom3||oga1||oga2||oga3||oga4||
add_flag||cvd_flag||quota_ind||short_desc||AES_Export_Allowed||LACEY||notes||section_number||chapter||
OUom1||OUom2||OUom3||OUom4||OUom5
MX_HS_01_00||I||128||141||Live Animals; Animal Products||MX_HS_01_00||EN||MX||
HS||||||||||||||||||||||||||||||||||||||||||||||||There are no notes for this section.||I||||||||||||
MX_HS_01_01||01||128||141||Live animals||MX_HS_01_01||EN||MX||HS||||||||||||||||||||||||||||||||||||||||||||||||No
 information on this Chapter.||I||01||||||||||
MX_HS_01_0101||0101||128||141||Live animals: Live horses, asses, mules and hinnies.||MX_HS_01_0101||EN||MX||
HS||||||||||||||||||||||||||||||||||||||||||||||I||01||||||||||
MX_HS_01_01012||01012||128||141||Live animals: Live horses, asses, mules and hinnies.: Horses||
MX_HS_01_01012||EN||MX||HS||||||||||||||||||||||||||||||||||||||||||||I||01||||||||||
MX_HS_01_010121||010121||128||141||Live animals: Live horses, asses, mules and hinnies.: Horses: Pure-bred
 breeding animals||MX_HS_01_010121||EN||MX||HS||||||||||||||||||||||||||||||||||||||||||||I||01||||||||||
MX_HS_01_0101210100||0101210100||128||141||Live animals: Live horses, asses, mules and hinnies.: Horses:
 Pure-bred breeding animals: Pure-bred breeding animals||MX_HS_01_0101210100||EN||MX||HS||Cbza||||||||||||||
12/28/2020 12:00:00 AM||||||||||||||||||||||||||||||I||01||||||||||
MX_HS_01_010129||010129||128||141||Live animals: Live horses, asses, mules and hinnies.: Horses: Other||
MX_HS_01_010129||EN||MX||HS||||||||||||||||||||||||||||||||||||||||||||I||01||||||||||
MX_HS_01_0101290200||0101290200||128||141||Live animals: Live horses, asses, mules and hinnies.: Horses:
 Other: Without pedigree, for breeding.||MX_HS_01_0101290200||EN||MX||HS||Pza||||||||||||||12/28/2020
 12:00:00 AM||||||||||||||||||||||||||||||I||01||||||||||
MX_HS_01_0101290300||0101290300||128||141||Live animals: Live horses, asses, mules and hinnies.: Horses:
 Other: For supply, import made by Federal Inspection type of packers.||MX_HS_01_0101290300||EN||MX||HS||
Pza||||||||||||||12/28/2020 12:00:00 AM||||||||||||||||||||||||||||||I||01||||||||||
MX_HS_01_01012999||01012999||128||141||Live animals: Live horses, asses, mules and hinnies.: Horses: Other:
 Other||MX_HS_01_01012999||EN||MX||HS||||||||||||||||||||||||||||||||||||||||||||I||01||||||||||
MX_HS_01_0101299901||0101299901||128||141||Live animals: Live horses, asses, mules and hinnies.: Horses:
 Other: Other: For jumping or running.||MX_HS_01_0101299901||EN||MX||HS||Pza||||||||||||||12/28/2020
 12:00:00 AM||||||||||||||||||||||||||||||I||01||||||||||
MX_HS_01_0101299999||0101299999||128||141||Live animals: Live horses, asses, mules and hinnies.:
 Horses: Other: Other: Other||MX_HS_01_0101299999||EN||MX||HS||Pza||||||||||||||12/28/2020 12:00:00
 AM||||||||||||||||||||||||||||||I||01||||||||||
MX_HS_01_010130||010130||128||141||Live animals: Live horses, asses, mules and hinnies.: Asses||
MX_HS_01_010130||EN||MX||HS||||||||||||||||||||||||||||||||||||||||||||I||01||||||||||
```

Note: In this sample, columns which have no value have the delimiter '||'. However, you can also have ',' (comma) as a delimiter.

Note: You should remove all of the leading and trailing white spaces as well as newline and carriage return and tab characters from the notes and description columns.

Sample Raw HSN Attributes Data from the Downloaded Files

```
mstr_id||hscode||attribute||value||description
MX_HS_01_0306110100||0306110100||MX NOM||NOM-051-SCFI/SSA1-2010||Especificaciones generales de etiquetado
 para alimentos y bebidas no alcohólicas preenvasados-Información comercial y sanitaria.
MX_HS_01_0306120100||0306120100||MX NOM||NOM-051-SCFI/SSA1-2010||Especificaciones generales de etiquetado
 para alimentos y bebidas no alcohólicas preenvasados-Información comercial y sanitaria.
MX_HS_01_0306140100||0306140100||MX NOM||NOM-051-SCFI/SSA1-2010||Especificaciones generales de etiquetado
 para alimentos y bebidas no alcohólicas preenvasados-Información comercial y sanitaria.
MX_HS_01_0306150100||0306150100||MX NOM||NOM-051-SCFI/SSA1-2010||Especificaciones generales de etiquetado
 para alimentos y bebidas no alcohólicas preenvasados-Información comercial y sanitaria.
```

```
MX_HS_01_0306160100||0306160100||MX NOM||NOM-051-SCFI/SSA1-2010||Especificaciones generales de etiquetado
 para alimentos y bebidas no alcohólicas preenvasados-Información comercial y sanitaria.
MX_HS_01_0306170100||0306170100||MX NOM||NOM-051-SCFI/SSA1-2010||Especificaciones generales de etiquetado
 para alimentos y bebidas no alcohólicas preenvasados-Información comercial y sanitaria.
MX_HS_01_0306199900||0306199900||MX NOM||NOM-051-SCFI/SSA1-2010||Especificaciones generales de etiquetado
 para alimentos y bebidas no alcohólicas preenvasados-Información comercial y sanitaria.
MX_HS_01_0306310100||0306310100||MX NOM||NOM-051-SCFI/SSA1-2010||Especificaciones generales de etiquetado
 para alimentos y bebidas no alcohólicas preenvasados-Información comercial y sanitaria.
MX_HS_01_0306320100||0306320100||MX NOM||NOM-051-SCFI/SSA1-2010||Especificaciones generales de etiquetado
 para alimentos y bebidas no alcohólicas preenvasados-Información comercial y sanitaria.
```

Sample Raw HSN UOMs Data from the Downloaded Files

```
mstr_id||Column1||name||oracle_unit_code||country_specific_UOM
NZ_HS_01_0101210010E||0101210010E||REPORTING UOM 1||NUM OR UN||NMB
NZ_HS_01_0101210015F||0101210015F||REPORTING UOM 1||NUM OR UN||NMB
NZ_HS_01_0101210017B||0101210017B||REPORTING UOM 1||NUM OR UN||NMB
NZ_HS_01_0101210019J||0101210019J||REPORTING UOM 1||NUM OR UN||NMB
NZ_HS_01_0101210023G||0101210023G||REPORTING UOM 1||NUM OR UN||NMB
NZ_HS_01_0101210027K||0101210027K||REPORTING UOM 1||NUM OR UN||NMB
```

Sample Raw HSN Parts Data from the Downloaded Files

```
part_id||language_id||country_id||part_desc||part_hscode||parent_id||old_parent_id||iso_language||
iso_country||section||rn
MX_HS_01_00||128||141||Live Animals; Animal Products||I||0||0||EN||MX||01||0
MX_HS_01_01||128||141||Live animals||01||MX_HS_01_00||0||EN||MX||01||1
MX_HS_01_0101||128||141||Live horses, asses, mules and hinnies.||0101||MX_HS_01_01||306155818||EN||MX||01||2
MX_HS_01_01012||128||141||Horses:||01012||MX_HS_01_0101||306155819||EN||MX||01||3
MX_HS_01_010121||128||141||Pure-bred breeding animals||010121||MX_HS_01_01012||306155820||EN||MX||01||4
MX_HS_01_0101210100||128||141||Pure-bred breeding animals||0101210100||MX_HS_01_010121||306155821||EN||MX||
01||5
MX_HS_01_010129||128||141||Other||010129||MX_HS_01_01012||306155820||EN||MX||01||6
MX_HS_01_0101290200||128||141||Without pedigree, for breeding.||0101290200||MX_HS_01_010129||306155823||EN||
MX||01||7
MX_HS_01_0101290300||128||141||For supply, import made by Federal Inspection type of packers.||0101290300||
MX_HS_01_010129||306155823||EN||MX||01||8
MX_HS_01_01012999||128||141||Other||01012999||MX_HS_01_010129||306155823||EN||MX||01||9
```

Sample Raw HSN Trade Program Types Data from the Downloaded Files

```
COUNTRY_CODE2||TRADE_PROGRAM_TYPE||TRADE_PROGRAM_TYPE_DESCRIPTION
MX||GEN||GENERAL
MX||MFN||MOST FAVORED NATION
MX||SPI||SPECIAL PROGRAM INDICATOR ( IE: FTAS )
MX||QSP||SPECIAL PROGRAMS UNDER QUOTA
MX||NQO||NORMAL RATE UNDER QUOTA (IE GENERAL QUOTA)
MX||PEN||PENALTY RATE
MX||CTL||IMPORT CONTROL
MX||CVD||COUNTERVAILING DUTY
MX||ADD||ANTI DUMPING DUTY
MX||PRO||PROHIBITED GOODS
```

Sample Raw HSN Trade Programs Data from the Downloaded Files

```
COUNTRY_CODE2||TRADE_PROGRAM_ID||SHORT_NAME||NAME||FTA_ID||IS_INCLUDED||TRADE_PROGRAM_TYPE_ID||
IS_DEFAULT_TRADE_PROGRAM||TRADE_PREFERENCE||PENALTY_TYPE||IS_SPLIT_ALLOWED
MX||3||CO||COLOMBIA RATE||||YES||SPI||||CO ||||
MX||4||PAR4 - VE||LATIN AMERICAN INTEGRATION ASSOCIATION PREFERENTIAL REGIONAL RATE (AR.PAR4)||||YES||
SPI||||||||
MX||5||CR||COSTA RICA RATE||MX-CR||YES||SPI||||CR ||||
MX||6||BO||BOLIVIA RATE||MX-BO||YES||SPI||||BO ||||
MX||7||CL||CHILE RATE||MX-CL||YES||SPI||||CL ||||
MX||9||EU||EUROPEAN COMMUNITY RATE (EU)||EU-MX||YES||SPI||||EU ||||
```

```
MX||10||IL||ISRAEL RATE||MX-IL||YES||SPI||||IL ||||
MX||11||GENERAL||GENERAL RATE||||NO||GEN||1||||||
MX||12||PAR4 - AR||LATIN AMERICAN INTEGRATION ASSOCIATION PREFERENTIAL REGIONAL RATE (AR.PAR4)||MX-AR||YES||
SPI||||||||
```

Sample Raw HSN Tariff Countries Data from the Downloaded Files

```
COUNTRY_CODE2||TRADE_PROGRAM_ID||ORIGIN_COUNTRY_CD
MX||12||AR
MX||55||ar
MX||68||AR
MX||85||AR
MX||9||AT
MX||105||AU
MX||9||BE
MX||9||bg
MX||64||BO
```

Sample Raw HSN Tariff Rates Data from the Downloaded Files

```
COUNTRY_CODE2||CLASSIFICATION_CODE||TRADE_PROGRAM_ID||ADDVALOREM_RATE||PER_UNIT_CHARGE||UNIT_CODE||
CALCULATION_METHOD||NotesCode1||NotesCode2||formulaid||CH99_ADDHSCODE
MX||0101210100||3||0.00000000||0.00000000||NA||10||||||||
MX||0101210100||4||7.20000000||0.00000000||NA||10||||||||
MX||0101210100||5||0.00000000||0.00000000||NA||10||||||||
MX||0101210100||6||0.00000000||0.00000000||NA||10||||||||
MX||0101210100||7||0.00000000||0.00000000||NA||10||||||||
MX||0101210100||9||0.00000000||0.00000000||NA||10||||||||
MX||0101210100||11||10.00000000||0.00000000||NA||10||||||||
```

Sample Raw HSN Trade Agreements Data from the Downloaded Files

```
fta_id||shortname||fta_name||FTA_TYPE||Effective_Date||Expiration_Date
EU-GB||EU-GB||FTA between EU and GB.||PREFERENTIAL||1/21/2021 12:00:00 AM||
EU-SG||EU-SG||FTA between EU and Singapore||PREFERENTIAL||||
KR-EU||KR-EU||FTA between EU and South Korea||PREFERENTIAL||||
GB-TR||GB-TR||FTA between GB and TR (Replaces interim agreement that followed revised PEM)||PREFERENTIAL||
4/14/2021 12:00:00 AM||
GB-MX||GB-MX||FTA between Great Britain and Mexico||PREFERENTIAL||||
USMCA||USMCA||FTA between US, CA, and MX||PREFERENTIAL||7/1/2020 12:00:00 AM||
```

Sample Raw ECCN Master Data from the Downloaded Files

```
mstr_id||eccn_no||eccn_desc||part_id||iso_language||beg_eff_dt||last_update_dt||end_eff_dt||iso_country||
unit||notes||AT||AT1||AT2||CB||CB1||CB2||CB3||CC||CC1||CC2||C3||CW||EI||FC1||MT1||MT2||NP||NP1||NP2||NS1||
NS2||RS||RS1||RS2||SI||SL||SS||UN||Z||AGR||APP||APR||AVS||BAG||CIV||ENC||GBS||GFT||GOV||KMI||LVS||RPL||STA||
TMP||TSR||TSU
MX_ECCN_1||1||Category 1: Special materials and related equipment||MX_ECCN_1||EN||1980-01-01||2020-05-11||
2050-01-01||
MX||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
MX_ECCN_1A||1.A||Category 1: Special materials and related equipment&#10; Systems,
 equipment and components||MX_ECCN_1A||EN||1980-01-01||2020-05-11||2050-01-01||
MX||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
MX_ECCN_1A1||1.A.1||Category 1: Special materials and related equipment&#10;
 Systems, equipment and components&#10; Group 1.A.1 Components made from fluorinated
 compounds, as follows:||MX_ECCN_1A1||EN||1980-01-01||2020-05-11||2050-01-01||
MX||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
MX_ECCN_1A1A||1.A.1.a||Category 1: Special materials and related equipment&#10; Systems,
 equipment and components&#10; Group 1.A.1 Components made from fluorinated compounds,
 as follows:&#10; a. Seals, gaskets, sealants or fuel bladders specially designed for
 aircraft or aerospace use made from more than 50% by weight of any of the materials
```

```
 listed in the subentries;||MX_ECCN_1A1A||EN||1980-01-01||2020-05-11||2050-01-01||
MX|||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
MX_ECCN_1A1B||1.A.1.b||Category 1: Special materials and related equipment&#10; Systems,
 equipment and components&#10; Group 1.A.1 Components made from fluorinated compounds, as
 follows:&#10; b. Piezoelectric polymers and copolymers, consisting of vinylidene fluoride
 materials, specified by 1.C.9.a.:||MX_ECCN_1A1B||EN||1980-01-01||2020-05-11||2050-01-01||
MX|||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
```

Sample Raw ECCN Parts Data from the Downloaded Files

```
eccn_no||part_id||iso_language||beg_eff_dt||last_update_dt||parent_id||end_eff_dt||eccn_desc||iso_country||
unit||notes||AT||AT1||AT2||CB||CB1||CB2||CB3||CC||CC1||CC2||C3||CW||EI||FC1||MT1||MT2||NP||NP1||NP2||NS1||
NS2||RS||RS1||RS2||SI||SL||SS||UN||Z||AGR||APP||APR||AVS||BAG||CIV||ENC||GBS||GFT||GOV||KMI||LVS||RPL||STA||
TMP||TSR||TSU
1 ||MX_ECCN_1||EN||1980-01-01||2020-05-11||0||2050-01-01||Category 1: Special materials and related
 equipment||
MX|||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
1.A ||MX_ECCN_1A||EN||1980-01-01||2020-05-11||MX_ECCN_1||2050-01-01||Systems, equipment and components||
MX|||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
1.A.1 ||MX_ECCN_1A1||EN||1980-01-01||2020-05-11||MX_ECCN_1A||2050-01-01||
Group 1.A.1 Components made from fluorinated compounds, as follows:||
MX|||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
1.A.1.a ||MX_ECCN_1A1A||EN||1980-01-01||2020-05-11||MX_ECCN_1A1||2050-01-01||a. Seals,
 gaskets, sealants or fuel bladders specially designed for aircraft or aerospace use
 made from more than 50% by weight of any of the materials listed in the subentries;||
MX|||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
1.A.1.b ||MX_ECCN_1A1B||EN||1980-01-01||2020-05-11||MX_ECCN_1A1||2050-01-01||b. Piezoelectric polymers and
 copolymers, consisting of vinylidene fluoride materials, specified
```

Sample Raw ML Data from the Downloaded Files

```
Country_cd||Language_Cd||ID||ml_code||sme_ind||ml_desc||note||note1||note2||note3||note4||note5||note6
US||EN||US_MILIST_01||01||N||Category I-Firearms, Close
 Assault Weapons and Combat Shotguns||This coverage by the U.S. Munitions List in paragraphs
 (a) through (i) of this category excludes any non-combat shotgun with a barrel length of 18
 inches or longer, BB, pellet, and muzzle loading (black powder) firearms. This category does
 not cover riflescopes and sighting devices that are not manufactured to military
 specifications. It also excludes accessories and attachments (e.g., belts, slings, after
 market rubber grips, cleaning kits) for firearms that do not enhance the usefulness,
 effectiveness, or capabilities of the firearm, components and parts. The Department of
 Commerce regulates the export of such items. See the Export Administration Regulations (15
 CFR parts 730-799). In addition, license exemptions for the items in this category are
 available in various parts of this subchapter (e.g. §§123.17, 123.18 and
 125.4).||||||||||||||
US||EN||US_MILIST_01A||01.a||Y||Category I-Firearms, Close
 Assault Weapons and Combat Shotguns &#10; *(a) Nonautomatic and semi-automatic firearms to
 caliber .50 inclusive (12.7 mm).||||||||||||||||
US||EN||US_MILIST_01B||01.b||Y||Category I-Firearms, Close
 Assault Weapons and Combat Shotguns &#10; *(b) Fully automatic firearms to .50 caliber
 inclusive (12.7 mm).||||||||||||||||
US||EN||US_MILIST_01C||01.c||Y||Category I-Firearms, Close
 Assault Weapons and Combat Shotguns &#10; *(c) Firearms or other weapons (e.g.
 insurgency-counterinsurgency, close assault weapons systems) having a special military
 application regardless of caliber.||||||||||||||||
US||EN||US_MILIST_01D||01.d||Y||Category I-Firearms, Close
 Assault Weapons and Combat Shotguns &#10; *(d) Combat shotguns. This includes any shotgun
 with a barrel length less than 18 inches.||||||||||||||||
US||EN||US_MILIST_01E||01.e||N||Category I-Firearms, Close
 Assault Weapons and Combat Shotguns &#10; [Reserved]||||||||||||||||
US||EN||US_MILIST_01F||01.f||N||Category I-Firearms, Close
 Assault Weapons and Combat Shotguns &#10; (f) Riflescopes manufactured to military
 specifications (See category XII(c) for controls on night sighting
```

```
 devices.)||||||||||||||||
US||EN||US_MILIST_01G||01.g||Y||Category I-Firearms, Close Assault Weapons and
 Combat Shotguns &#10; *(g) Barrels, cylinders, receivers (frames) or complete breech
 mechanisms for the articles in paragraphs (a) through (d) of this
 category.||||||||||||||||
```

Sample Raw ROO Data

Sample Raw Trade Agreements Data from the Downloaded Files

```
fta_id||roo_id||shortname||fta_name||FTA_TYPE||Effective_Date||Expiration_Date
fta_id||shortname||fta_name||FTA_TYPE||Effective_Date||Expiration_Date
EU-GB||EU-GB||FTA between EU and GB.||PREFERENTIAL||1/21/2021 12:00:00 AM||
EU-SG||EU-SG||FTA between EU and Singapore||PREFERENTIAL||||
KR-EU||KR-EU||FTA between EU and South Korea||PREFERENTIAL||||
GB-TR||GB-TR||FTA between GB and TR (Replaces interim agreement that followed revised PEM)||PREFERENTIAL||
4/14/2021 12:00:00 AM||
GB-MX||GB-MX||FTA between Great Britain and Mexico||PREFERENTIAL||||
USMCA||USMCA||FTA between US, CA, and MX||PREFERENTIAL||7/1/2020 12:00:00 AM||
```

Sample Raw ROO Trade Agreement Partners Data from the Downloaded Files

```
Roo_Id||FTA_Id||Partner_Name||Iso_Country_Cd
EU-GB||EU-GB||EUROPEAN UNION||AT
EU-GB||EU-GB||EUROPEAN UNION||BE
EU-GB||EU-GB||EUROPEAN UNION||BG
EU-GB||EU-GB||GREAT BRITAIN||GG
EU-GB||EU-GB||GREAT BRITAIN||IM
 EU-GB||EU-GB||GREAT BRITAIN||JE
```

Sample Raw ROO Header Data from the Downloaded Files

```
ROO_id||FTA_ID||shortname||name||Rule_Type||Version_Number||Version_Release_Date||End_Dt||Partner_Name
EU-GB||EU-GB||EU-GB||Preference Rules for EU-GB||PREFERENTIAL RULES||00005||6/2/2021 12:00:00 AM|||EUROPEAN
 UNION
```

Sample Raw ROO PSRules Data from the Downloaded Files

```
Roo_Id||Hs_Start||Hs_end||suffix||Ex||Attribute||Rule_Expression
EU-GB||0101||0106||||||||{Cond:[9441]}
EU-GB||0201||0210||||||||({Cond:[10797]} OR ({Excl:01} AND {Excl:02})) OR ({Cond:[11962]})
EU-GB||0301||0308||||||||{Cond:[11950]}
EU-GB||0401||0410||||||||({Cond:[11284]} AND {Cond:[11803]}) OR ({Cond:[11962]})
EU-GB||0501||0511||||||||({Incl_100EQ:01-99}) OR ({Cond:[11962]})
```

Sample Raw ROO PSRule Codes Data from the Downloaded Files

```
Roo_Id||Rule||Rule_Type||HS_Start||HS_End||Percentage||Operator||Basis
EU-GB||DMN_10LE||DEMIN||||||10||<=||
EU-GB||SOG_15LE||SETSOFGOODS||||||15||<=||
EU-GB||MOP_00EQ||MINOPS||||||0||=||
EU-GB||Cond:[10797]||CONDITION||||||||||
EU-GB||Cond:[11093]||CONDITION||||||||||
EU-GB||Cond:[11131]||CONDITION||||||||||
```

Sample Raw ROO PSRule Code Descriptions Data from the Downloaded Files

```
Roo_Id||Rule||language||Text
EU-GB||DMN_10LE||EN||
EU-GB||SOG_15LE||EN||
```

```
EU-GB||MOP_00EQ||EN||
EU-GB||Cond:[10797]||EN||Production in which all the materials of Chapters 1 and 2 used are wholly obtained
EU-GB||Cond:[11093]||EN||Production in which biodiesel is obtained through transesterification,
 esterification or hydro-treatment
EU-GB||Cond:[11131]||EN||Each item in the set shall satisfy the rule which would apply to it if it were not
 included in the set
EU-GB||Cond:[11165]||EN||Weaving (Section note: For definitions of terms used for tolerances applicable to
 certain products made of textile materials, see Notes 67 and 8 of Annex ORIG-1)
```

Sample Raw ROO Base Rules Data from the Downloaded Files

```
roo_id||BASE_RULE_TYPE_ID||BASE_RULE_TYPE_NAME||BASE_RULE_CODE
EU-GB||4||DEMIN||{DMN_10LE}
EU-GB||3||SETS||{SOG_15LE}
EU-GB||2||MINOPS||{MOP_00EQ}
```

Preparing GTM-Compatible CSVs

GTM cannot process the downloaded files directly since they do not contain GTM columns like gid/xid, domain_name, insert_date, update_date, etc. The data load process parses these files and creates GTM-specific CSV files that are formatted to load data directly into GTM tables.

The following sections provide the data mapping between the expected data provided by the content provider and GTM. If an element appears in the raw sample but is not listed below, it is not used by GTM.

Restricted Party Data Mapping

The restricted party data is saved in GTM_DENIED_PARTY table. The following table gives the data saved to the GTM_DENIED_PARTY table.

Restricted Party Data Mapping

Content Provider Element	GTM Element	Description
IDNUM	GTM_DENIED_PARTY_GID GTM_DENIED_PARTY_XID	Denied Party ID is a concatenation of Data_ Version_ ID+'_'+IDNum. This is the only mandatory element to create denied party data in GTM. Eg: If the new data version ID is 12332 and IDnum is 3242, the denied party ID would be 12332_3242
FirstName	FIRST_NAME	First Name of the denied party
LastName	LAST_NAME	Last Name of the denied party
CompanyName	COMPANY_NAME	Company Name of the denied party

Content Provider Element	GTM Element	Description
Address	ADDRESS_LINE_1	Address of the denied party
City	CITY	City
State	PROVINCE	State/Province
CountryName	COUNTRY	Country Name
CountryCode	COUNTRY_CODE	Country Code Eg: USA, IND
ZipCode	POSTAL_CODE	Postal Code
StartDate	EFFECTIVE_DATE	Effective Date of denied party
EndDate	EXPIRATION_DATE	Expiration Date of denied party
Code	AGENCY_CODE	Agency Code
LastUpdated	ENTRY_DATE	Last updated date of denied party
IDNUM	ENTRY_ID	Unique ID of the denied party from the content provider
Vol1	RULING_VOLUME	Volume in which the denied party appears in federal regulations
Page1	RULING_PAGE_NUMBER	Page Number on which the denied party appears in federal regulations
FedDate1	FEDERAL_REGULATION_DATE	Date on which the denied party was added to federal regulations
Notes	NOTES	Additional Information regarding denied party
url	FEDERAL_REGULATION_URL	URL link to the federal regulations

Note: CountryCode is preferred to CountryName as it speeds up the restricted party screening process. Using the 2-digit country code is recommended.

The Content Provider must send in each alias as an individual record so that they are also screened against the party records.

Product Classification Data Mapping

HTS (Harmonized Tariff Schedule) Mapping

The product classification data is saved in the GTM_PROD_CLASS_CODE table. The following table gives the data saved to the GTM_PROD_CLASS_CODE table.

Product Classification Code Table

File Name	Content Provider Element	GTM Element	Description
_MASTER	mstr_id	GTM_PROD_CLASS_CODE_GID	Unique identifier used by GTM to create a classification code for a particular version. Product Classification Code ID is a concatenation of Data_Version_ID +'_'+mstr_id. To identify the classification code based on the data version.
_MASTER	data_type+iso_country	GTM_PROD_CLASS_TYPE_GID	Product Classification Type is a concatenation of data_type + <space> + (2-digit)country_code Eg: data_type is HTS and country is US. Product Classification Type would be 'HTS US'.
_MASTER	hscode	CLASSIFICATION_CODE	Actual Product Classification Code from the harmonized tariff
_MASTER	eff_beg_dt	EFFECTIVE_DATE	The date from which the classification code is active
_MASTER	eff_end_dt	EXPIRATION_DATE	Expiration date of the classification code
_MASTER	section_number	SECTION	Section number provided by HS
_MASTER	chapter	CHAPTER	Chapter number provided by HS

The description of the product classification code based on the language is saved in the GTM_PROD_CLASS_CODE_DESC table.

Product Classification Code Description Table

File Name	Content Provider Element	GTM Element	Description
_MASTER	iso_language	GTM_LANGUAGE_GID	Language
_MASTER	full_desc	DESCRIPTION	Description up to 3997 characters followed by '...' is taken

The notes designed to clarify the proper classification of goods is saved in the table GTM_PROD_CLASS_CODE_NOTES.

Product Classification Code Notes Table

File Name	Content Provider Element	GTM Element	Description
		NOTE_TYPE	Value : 'Notes'
_MASTER	notes	NOTE_VALUE	Notes up to 3997 characters followed by '...' is taken

GTM derives the data related to the following attributes from the third party content provider and the respective attribute value is saved as ATTRIBUTE_VALUE for an ATTRIBUTE_NAME in the GTM_CLASS_CODE_ATTRIBUTE table.

Product Classification Code Attribute Table

File Name	Content Provider Element	GTM Element	Description
_ATTRIBUTE	attribute	ATTRIBUTE_NAME	Attribute name for the Classification code
_ATTRIBUTE	value	ATTRIBUTE_VALUE	Attribute Value for the Attribute Name. There can be multiple values applicable for same attribute name. For example, OGA, PGA can have multiple values.
_ATTRIBUTE	description	ATTRIBUTE_DESCRIPTION	Description for the attribute value applicable.

Following are the attribute names supported for HTS. The following list of attributes is explicitly coded in the data loader since an early release of GTM. However, to support flexibility in naming conventions and enable global content updates as regulatory changes occur, content partners are encouraged to use the more flexible ATTRIBUTE structure enumerated above.

Attribute Name Table

GTM Attribute Name	Description
OGA	Other Government Agency Indicator
PGA	Participating Government Agency Indicator
ADD_FLAG	Anti-Dumping Duties Flag
CVD_FLAG	Countervailing Duties Flag
SITC	Standard International Trade Classification
ENDUSE_CD	End Use Classification
ASUSDA_FLAG	ASUSDA Flag
NAICS	North American Industry Classification System (NAICS) Classification
HITECH	Hi-Tech Flag
QUOTA_INDICATOR	Quota Program Indicator
SHORT_DESCRIPTION	A shortened version of the tariff description often used for printing on documentation
IS_AES_REPORTABLE	Indicator that the HS code can be used for US Export Declarations (AES Filing). If not populated, a Schedule-B Code must be submitted instead.
LACEY	Lacey Act Flag

GTM supports download of unit of measure (UOM) details at classification code level for reporting the quantities of goods being imported or exported. These details are saved in the GTM_PROD_CLASS_CODE_UOM table. The following table gives the mapping of the UOM details saved to the GTM_PROD_CLASS_CODE_UOM table.

Product Classification Code UOM Table

File Name	Content Provider Element	GTM Element	Description
_UOM	name	UOM_NAME	Identifies the parameter name for which the unit of measure needs to be reported. The value can be either REPORTING UOM 1, REPORTING UOM 2.
_UOM	oracle_unit_code	UOM_CODE	Standard UOM in which the quantity should be send.
_UOM	country_specific_UOM	REPORTING_UOM	UOM in which the quantity should be reported.

In order to preserve the hierarchy of the product classification codes, the product classification data is saved in the GTM_PROD_CLASS_CODE_PART table. The following table gives the data saved to the GTM_PROD_CLASS_CODE_PART table.

Product Classification Code Part Table

File Name	Content Provider Element	GTM Element	Description
_PART	part_id	GTM_PROD_CLASS_CODE_PART_GID	Product Classification Code Part ID is created by concatenating the Data Version ID and part_id with an underscore '_'.
_PART	part_hscode	CLASSIFICATION_CODE_PART	Classification Code
_PART	parent_id	PARENT_GID	parent_id is the parent part ID and its detail must be present in the same file. Concatenation of Dataversion_ parent_id is saved as Parent GID. This is used to display the classification code details in tree format.
		ROOT_GID	Chapter for the product classification code

The description of the product classification code based on the language is saved in the GTM_PROD_CLASS_CODE_PART_DESC table.

Product Classification Code Part Description Table

File Name	Content Provider Element	GTM Element	Description
_PART	iso_language	GTM_LANGUAGE_GID	Language
_PART	part_desc	DESCRIPTION	Description up to 3997 characters followed by '...' is taken

Tariff Details Mapping

The trade program types are saved in the table GTM_TARIFF_TYPE.

Tariff Type Table

File Name	Content Provider Element	GTM Element	Description
_TRADE_PROGRAM_TYPES	TRADE_PROGRAM_TYPE	GTM_TARIFF_TYPE_GID	Trade Program Type ID
_TRADE_PROGRAM_TYPES	TRADE_PROGRAM_TYPE_ DESCRIPTION	TARIFF_TYPE_NAME	Trade Program Name
_TRADE_PROGRAM_TYPES	TRADE_PROGRAM_TYPE	EXTERNAL_REFERENCE_CODE	External Code for Trade Program Type

HTS (Harmonized Tariff Schedule) Tariff Schedule Mapping

The trade programs are saved in the table GTM_TARIFF_CODE.

Tariff Code Table

File Name	Content Provider Element	GTM Element	Description
_TRADE_PROGRAM	TRADE_PROGRAM_ID	GTM_TARIFF_CODE_GID	Unique identifier used by GTM to create trade program for a particular version. Trade Program ID is a concatenation of Data_Version_ID +'_'+Product ClassificationType+'_ '+ TRADE_PROGRAM_ID. To identify the trade program based on the data version and product classification type.
_TRADE_PROGRAM	SHORT_NAME	TARIFF_CODE_SHORT_NAME	Trade Program Short Name
_TRADE_PROGRAM	NAME	TARIFF_CODE_NAME	Trade Program Name
_TRADE_PROGRAM	FTA_ID	GTM_TRADE_AGREEMENT	Trade Agreement Short Name
_TRADE_PROGRAM	IS_INCLUDED	IS_INCLUDE_COUNTRY	Specifies if the countries mentioned in the table TARIFF_ COUNTRY are included or excluded in the rate calculation for trade program.
_TRADE_PROGRAM	TRADE_PROGRAM_TYPE_ID	GTM_TARIFF_TYPE_GID	Trade Program Type ID
_TRADE_PROGRAM	IS_DEFAULT_TRADE_PROGRAM	IS_DEFAULT	Specifies if the trade program is the default.
_TRADE_PROGRAM	PENALTY_TYPE	PENALTY_TYPE	Penalty Type

File Name	Content Provider Element	GTM Element	Description
_TRADE_PROGRAM	IS_SPLIT_ALLOWED	IS_SPLIT_ALLOWED	Split is allowed for the declaration line with this trade program.
_TRADE_PROGRAM	TRADE_PREFERENCE+COUNTRY_CODE2	GTM_TRADE_PREFERENCE_GID	Trade Preference ID is the concatenation of TRADE_PREFERENCE +'-'+COUNTRY_CODE2
_TRADE_PROGRAM	TRADE_PROGRAM_ID	EXTERNAL_REFERENCE_CODE	External Code for Trade Program

Trade Preferences are saved in the table GTM_TRADE_PREFERENCE. (This is not for a particular data version and is saved as master data of trade preferences.)

Trade Preference Table

File Name	Content Provider Element	GTM Element	Description
_TRADE_PROGRAM	TRADE_PREFERENCE+COUNTRY_CODE2	GTM_TRADE_PREFERENCE_GID	Unique identifier used by GTM to create trade preference. Trade Preference ID is a concatenation of TRADE_PREFERENCE +'-'+COUNTRY_CODE2
_TRADE_PROGRAM	TRADE_PREFERENCE	CODE	Trade Preference Name

The member nations related to the trade program are saved in the table GTM_TARIFF_COUNTRY. This table captures the list of countries to be included or excluded in the rate calculation related to a trade program.

Tariff Country Table

File Name	Content Provider Element	GTM Element	Description
_TARIFF_COUNTRIES	TRADE_PROGRAM_ID	GTM_TARIFF_CODE_GID	Unique identifier used by GTM to create trade program for a particular version. Trade Program ID is a concatenation of Data_Version_ID +'_'+Product ClassificationType+'_'+ TRADE_PROGRAM_ID. To identify the trade program based on the data version and product classification type.

File Name	Content Provider Element	GTM Element	Description
_TARIFF_COUNTRIES	ORIGIN_COUNTRY_CD	COUNTRY_CODE3_GID	Country Code ID. It is a 2-digit country code.

The tariff rates are saved in the table GTM_TARIFF_RATE. This table captures the tariff rate related to a classification code.

Tariff Rate Table

File Name	Content Provider Element	GTM Element	Description
_TARIFF_RATE	TRADE_PROGRAM_ID	GTM_TARIFF_CODE_GID	Unique identifier used by GTM to create trade program for a particular version. Trade Program ID is a concatenation of Data_Version_ID +'_'+Product ClassificationType+'_ '+ TRADE_PROGRAM_ID. To identify the trade program based on the data version and product classification type.
_TARIFF_RATE	CLASSIFICATION_CODE	CLASSIFICATION_CODE	Product Classification Code
_TARIFF_RATE	ADDVALOREM_RATE	ADDVALOREM_RATE	The percentage rate used for calculating the tariffs based on the value of goods imported.
_TARIFF_RATE	PER_UNIT_CHARGE	PER_UNIT_CHARGE	The amount to be paid as tariff for each unit of goods imported.
_TARIFF_RATE	UNIT_CODE	UOM_CODE	The UOM code to use with per unit charge.
_TARIFF_RATE	CH99_ADDHSCODE	PENALTY_CLASSIFICATION_CODE	The classification code for a particular penalty.

The details of the trade agreements are saved in the GTM_TRADE_AGREEMENTS table.

Trade Agreements Table

File Name	Content Provider Element	GTM Element	Description
_ROO_TRADE_AGREEMENTS	fta_id	GTM_TRADE_AGREEMENT_GID	Trade Agreement ID

File Name	Content Provider Element	GTM Element	Description
_ROO_TRADE_AGREEMENTS	fta_id	EXTERNAL_REFERENCE_CODE	Trade Agreement ID
_ROO_TRADE_AGREEMENTS	shortname	GTM_TA_SHORT_NAME	Short Name
_ROO_TRADE_AGREEMENTS	fta_name	GTM_TA_NAME	Name
_ROO_TRADE_AGREEMENTS	Fta_type	GTM_TA_TYPE_GID	Trade Agreement Type
_ROO_TRADE_AGREEMENTS	effective_Date	EFFECTIVE_DATE	Effective Date
_ROO_TRADE_AGREEMENTS	expiration_Date	EXPIRATION_DATE	Expiration Date

Note: Supported fta_type values are PREFERENTIAL and NON-PREFERENTIAL

Note: Download of Schedule B classification data is modeled the same as HS type.

ECCN (Dual-Use Export Control Classification Numbers) Mapping

ECCN Mapping Table

File Name	Content Provider Element	GTM Element	Description
_MASTER	mstr_id	GTM_PROD_CLASS_CODE_GID	Unique identifier used by GTM to create classification code for a particular version. Product Classification Code ID is a concatenation of Data_Version_ID +'_'+mstr_id. To identify the classification code based on the data version.
_MASTER	'ECCN ' + iso_country	GTM_PROD_CLASS_TYPE_GID	Product Classification Type is a concatenation of data_type + <space> + (2-digit)country_code Eg: For country = US, Product Classification Type would be 'ECCN US'.
_MASTER	eccn_no	CLASSIFICATION_CODE	Actual Product Classification Code
_MASTER	eff_beg_dt	EFFECTIVE_DATE	The date from which the classification code is active
_MASTER	eff_end_dt	EXPIRATION_DATE	Expiration date of the classification code

The description of the product classification code based on the language is saved in the GTM_PROD_CLASS_CODE_DESC table.

Product Classification Code Description Table

File Name	Content Provider Element	GTM Element	Description
_MASTER	iso_language	GTM_LANGUAGE_GID	Language
_MASTER	eccn_desc	DESCRIPTION	Description up to 3997 characters followed by '...' is taken

The notes designed to clarify the proper classification of goods is saved in the table GTM_PROD_CLASS_CODE_NOTES.

Product Classification Code Notes Table

File Name	Content Provider Element	GTM Element	Description
_MASTER		NOTE_TYPE	Value : 'Notes'
_MASTER	notes	NOTE_VALUE	Notes up to 3997 characters followed by '...' is taken

GTM derives the data related to the following attributes from the third party content provider and the respective attribute value is saved as ATTRIBUTE_VALUE for an ATTRIBUTE_NAME in the GTM_CLASS_CODE_ATTRIBUTE table.

Classification Code Attribute Table

File Name	Content Provider Element	GTM Element	Description
_MASTER	unit	UNIT	Units of Measure
_MASTER	at	CONTROL-AT	Reason for Control: Anti-Terrorism
_MASTER	at1	CONTROL-AT1	Reason for Control: Anti-Terrorism Column 1
_MASTER	at2	CONTROL-AT2	Reason for Control: Anti-Terrorism Column 2
_MASTER	cb	CONTROL-CB	Reason for Control: Chemical & Biological Weapons
_MASTER	cb1	CONTROL-CB1	Reason for Control: Chemical & Biological Weapons Column 1
_MASTER	cb2	CONTROL-CB2	Reason for Control: Chemical & Biological Weapons Column 2

File Name	Content Provider Element	GTM Element	Description
_MASTER	cb3	CONTROL-CB3	Reason for Control: Chemical & Biological Weapons Column 3
_MASTER	cc	CONTROL-CC	Reason for Control: Crime Control
_MASTER	cc1	CONTROL-CC1	Reason for Control: Crime Control Column 1
_MASTER	cc2	CONTROL-CC2	Reason for Control: Crime Control Column 2
_MASTER	cc3	CONTROL-CC3	Reason for Control: Crime Control Column 3
_MASTER	cw	CONTROL-CW	Reason for Control: Chemical Weapons
_MASTER	ei	CONTROL-EI	Reason for Control: Encryption Items
_MASTER	fc1	CONTROL-FC1	Reason for Control: Firearms Convention Column 1
_MASTER	mt1	CONTROL-MT1	Reason for Control: Missile Tech Column 1
_MASTER	mt2	CONTROL-MT2	Reason for Control: Missile Tech Column 2
_MASTER	np	CONTROL-NP	Reason for Control: Nuclear Nonproliferation
_MASTER	np1	CONTROL-NP1	Reason for Control: Nuclear Nonproliferation Column 1
_MASTER	np2	CONTROL-NP2	Reason for Control: Nuclear Nonproliferation Column 2
_MASTER	ns1	CONTROL-NS1	Reason for Control: National Security Column 1
_MASTER	ns2	CONTROL-NS2	Reason for Control: National Security Column 2
_MASTER	rs	CONTROL-RS	Reason for Control: Regional Stability
_MASTER	rs1	CONTROL-RS1	Reason for Control: Regional Stability Column 1
_MASTER	rs2	CONTROL-RS2	Reason for Control: Regional Stability Column 2

File Name	Content Provider Element	GTM Element	Description
_MASTER	si	CONTROL-SI	Reason for Control: Significant Items
_MASTER	sl	CONTROL-SL	Reason for Control: Surreptitious Listening
_MASTER	ss	CONTROL-SS	Reason for Control: Short Supply
_MASTER	un	CONTROL-UN	Reason for Control: United Nations Embargo
_MASTER	z	CONTROL-Z	Generic attribute for items regulated by other agencies
_MASTER	agr	EXCEPTION-AGR	License Exception: Agricultural Commodities
_MASTER	app	EXCEPTION-APP	License Exception: Computers
_MASTER	apr	EXCEPTION-APR	License Exception: Additional Permissive Re-exports
_MASTER	avs	EXCEPTION-AVS	License Exception: Aircraft, Vessels and Spacecraft
_MASTER	bag	EXCEPTION-BAG	License Exception: Baggage
_MASTER	civ	EXCEPTION-CIV	License Exception: Civil End-Users
_MASTER	enc	EXCEPTION-ENC	License Exception: Encryption Commodities, Software and Technology
_MASTER	gbs	EXCEPTION-GBS	License Exception: Shipments to Country Group B Countries
_MASTER	gft	EXCEPTION-GFT	License Exception: Gift Parcels and Humanitarian Donations
_MASTER	gov	EXCEPTION-GOV	License Exception: Governments, International Organizations, International Inspections Under the Chemical Weapons Convention, and the International Space Station
_MASTER	kmi	EXCEPTION-KMI	License Exception: Key Management Infrastructure – Amendments Only
_MASTER	lvs	EXCEPTION-LVS	License Exception: Shipments of Limited Value

File Name	Content Provider Element	GTM Element	Description
_MASTER	rpl	EXCEPTION-RPL	License Exception: Servicing and Replacement of Parts and Equipment
_MASTER	sta	EXCEPTION-STA	License Exception: Strategic Trade Authorization
_MASTER	tmp	EXCEPTION-TMP	License Exception: Temporary Imports, Exports, Reexports, and Transfers (In-Country)
_MASTER	tsr	EXCEPTION-TSR	License Exception: Technology and Software Under Restriction
_MASTER	tsu	EXCEPTION-TSU	License Exception: Technology and Software Unrestricted

In order to preserve the hierarchy of the product classification codes, the product classification data is saved in the GTM_PROD_CLASS_CODE_PART table. The following table gives the data saved to the GTM_PROD_CLASS_CODE_PART table.

Product Classification Code Part Table

File Name	Content Provider Element	GTM Element	Description
_PART	part_id	GTM_PROD_CLASS_CODE_PART_GID	Product Classification Code Part ID is created by concatenating the Data Version ID and part_id with an underscore '_'.
_PART	eccn_no	CLASSIFICATION_CODE_PART	Classification Code
_PART	parent_id	PARENT_GID	Concatenation of Dataversion_ parent_id is saved as Parent GID. This is used to display the classification code details in tree format.
		ROOT_GID	Chapter for the product classification code

The description of the product classification code based on the language is saved in the GTM_PROD_CLASS_CODE_PART_DESC table.

Product Classification Code Part Description Table

File Name	Content Provider Element	GTM Element	Description
_PART	iso_language	GTM_LANGUAGE_GID	Language
_PART	eccn_desc	DESCRIPTION	Description up to 3997 characters followed by '...' is taken

ML (Munitions List) Mapping

ML Mapping Table

File Name	Content Provider Element	GTM Element	Description
_MASTER	id	GTM_PROD_CLASS_CODE_GID	Unique identifier used by GTM to create classification code for a particular version. Product Classification Code ID is a concatenation of Data_Version_ID +'_'+ id. To identify the classification code based on the data version.
_MASTER	country_cd	GTM_PROD_CLASS_TYPE_GID	Product Classification Type is a concatenation of ML + <space> + (2-digit) country_code Eg: For country US, Product Classification Type would be 'ML US'.
_MASTER	ml_code	CLASSIFICATION_CODE	Actual Product Classification Code

The description of the product classification code based on the language is saved in the GTM_PROD_CLASS_CODE_DESC table.

Product Classification Code Description Table

File Name	Content Provider Element	GTM Element	Description
_MASTER	iso_language	GTM_LANGUAGE_GID	Language
_MASTER	ml_desc	DESCRIPTION	Description up to 3997 characters followed by '...' is taken

GTM derives the data related to the following notes from the third party content provider and the respective note value is saved as NOTE_VALUE (maximum 4000 characters) for an NOTE_TYPE in the GTM_PROD_CLASS_CODE_NOTES table.

Product Classification Code Notes Table

File Name	Content Provider Element	GTM Element	Description
_MASTER	note	NOTE	Description up to 3997 characters followed by '...' is taken
_MASTER	note1	NOTE1	Description up to 3997 characters followed by '...' is taken
_MASTER	note2	NOTE2	Description up to 3997 characters followed by '...' is taken
_MASTER	note3	NOTE3	Description up to 3997 characters followed by '...' is taken
_MASTER	note4	NOTE4	Description up to 3997 characters followed by '...' is taken
_MASTER	note5	NOTE5	Description up to 3997 characters followed by '...' is taken
_MASTER	note6	NOTE6	Description up to 3997 characters followed by '...' is taken

GTM derives the data related to the following attributes from the third party content provider and the respective attribute value is saved as ATTRIBUTE_VALUE for an ATTRIBUTE_NAME in the GTM_CLASS_CODE_ATTRIBUTE table.

Classification Code Attribute Table

_MASTER	sme_ind	SME INDICATOR	Significant Military Equipment Indicator

In order to preserve the hierarchy of the product classification codes, the product classification data is saved in the GTM_PROD_CLASS_CODE_PART table. The following table gives the data saved to the GTM_PROD_CLASS_CODE_PART table.

Product Classification Code Part Table

File Name	Content Provider Element	GTM Element	Description
_PART	ID	GTM_PROD_CLASS_CODE_PART_GID	Product Classification Code Part ID is created by concatenating the Data Version ID and part_id with an underscore '_'.
_PART	ml_code	CLASSIFICATION_CODE_PART	Classification Code
_PART	parent_id	PARENT_GID	Concatenation of Dataversion_ parent_id is saved as Parent

File Name	Content Provider Element	GTM Element	Description
			GID. This is used to display the classification code details in tree format.
		ROOT_GID	Chapter for the product classification code

The description of the product classification code based on the language is saved in the GTM_PROD_CLASS_CODE_PART_DESC table.

Product Classification Code Part Description Table

File Name	Content Provider Element	GTM Element	Description
_PART	iso_language	GTM_LANGUAGE_GID	Language
_PART	ml_desc	DESCRIPTION	Description up to 3997 characters followed by '...' is taken

Rules of Origin Data Mapping

The details of the trade agreements is saved in the GTM_TRADE_AGREEMENTS table.

Trade Agreements Table

File Name	Content Provider Element	GTM Element	Description
_ROO_TRADE_AGREEMENTS	fta_id	GTM_TRADE_AGREEMENT_GID	Trade Agreement ID
_ROO_TRADE_AGREEMENTS	fta_id	EXTERNAL_REFERENCE_CODE	Trade Agreement ID
_ROO_TRADE_AGREEMENTS	shortname	GTM_TA_SHORT_NAME	Short Name
_ROO_TRADE_AGREEMENTS	fta_name	GTM_TA_NAME	Name
_ROO_TRADE_AGREEMENTS	Fta_type	GTM_TA_TYPE_GID	Trade Agreement Type
_ROO_TRADE_AGREEMENTS	effective_Date	EFFECTIVE_DATE	Effective Date
_ROO_TRADE_AGREEMENTS	expiration_Date	EXPIRATION_DATE	Expiration Date

Note: Supported fta_type values are PREFERENTIAL and NON-PREFERENTIAL.

The partners of the trade agreements is saved in the GTM_TA_PARTNERS table.

Trade Agreement Partners Table

File Name	Cntent Provider Element	GTM Element	Description
_ROO_TRADEAGREEMENTS_PARTNERS	fta_id	GTM_TRADE_AGREEMENT_GID	Trade Agreement ID
_ROO_TRADEAGREEMENTS_PARTNERS	Partner_Name	REGION_GID	Region ID Cocatenation of partner_name+"_"+fta_id
_ROO_TRADEAGREEMENTS_PARTNERS	Iso_Country_Cd	COUNTRY_CODE3_GID	Country Code ID

The details of the rules of origin is saved in the GTM_RULES_OF_ORIGIN table.

Rules of Origin Table

File Name	Content Provider Element	GTM Element	Description
_ROO_HEADER	roo_id	GTM_RULES_OF_ORIGIN_GID GTM_RULES_OF_ORIGIN_XID	Unique identifier used by GTM to create rules of origin ID for a particular version. Rules of Origin ID is a concatenation of Data_Version_ID +'_'+ id. For Example: If the data version is 26877and rool_id is EU_GB, ID is created as 26877_EU_GB To identify the rules of origin based on the data version.
_ROO_HEADER	name	GTM_RULES_OF_ORIGIN_NAME	Rules of Origin Name
_ROO_HEADER	roo_id	SHORT_NAME	Short Name
_ROO_HEADER	roo_id	EXTERNAL_REFERENCE_CODE	External Reference Code
_ROO_HEADER	Rule_type	GTM_RULES_OF_ORIGIN_TYPE	Rules of Origin Type
_ROO_HEADER	Fta_id	TRADE_AGREEMENT_SHORT_NAME	Trade Agreement Name

File Name	Content Provider Element	GTM Element	Description
_ROO_HEADER	End_dt	EXPIRATION_DATE	Expiration Date
_ROO_HEADER	Partner_name	REGION_GID	Identifies the region for which the Rules of origin is applicable. If it is a region in trade_agreement_partners, region_gid is created
_ROO_HEADER	Partner_name	COUNTRY_CODE3_GID	Identifies the country of import for which the Rules of origin is applicable. If it is a country code in trade_agreement_partners, country_code3_gid is created
_ROO_HEADER	Version_number	--	Not mapped to any GTM element. It is used to uniquely identify the roo_header file as a mapping for rule of origin data

The details of the product specific rules is saved in the GTM_ROO_PSR table.

Product Specific Rules Table

File Name	Content Provider Element	GTM Element	Description
_ROO_PSRULES	roo_id	GTM_RULES_OF_ORIGIN_GID	Rules of Origin ID is a concatenation of Data_Version_ID +'_'+ id. For Example: If the data version is 26877and rool_id is EU_GB, ID is created as 26877_EU_GB To identify the rules of origin based on the data version.
_ROO_PSRULES	Hs_Start	START_CLASSIFICATION_CODE	Defines the code level starting range
_ROO_PSRULES	Hs_end	END_CLASSIFICATION_CODE	Defines the code level ending range.
_ROO_PSRULES	Suffix	SUFFIX	Holds the suffix value.

File Name	Content Provider Element	GTM Element	Description
_ROO_PSRULES	Ex	IS_EX	Determines if rollup to parent Harmonized System code is needed.
_ROO_PSRULES	Attribute	ATTRIBUTE	Holds the description.
_ROO_PSRULES	Rule_Expression	EXPRESSION	Note : The expression should be in the below format · {ruleCode1} · {ruleCode1} OR {ruleCode2} · {ruleCode1} AND {ruleCode2} · ({ruleCode1}) AND ({ruleCode2} AND {ruleCode3})For example, · ({TS4_100EQ}) OR ({RVCT_50GE} AND {TS6_100EQ})· {EXCL:17} AND {TS2_100EQ}

The details of the product specific rule codes is saved in the GTM_ROO_RULE_CODE table.

Rule Codes Table

File Name	Content Provider Element	GTM Element	Description
_ROO_PSRULE_CODES	roo_id	GTM_RULES_OF_ORIGIN_GID	Rules of Origin ID is a concatenation of Data_Version_ID +'_'+ id. For Example: If the data version is 26877and rool_id is EU_GB, ID is created as 26877_EU_GB To identify the rules of origin based on the data version.
_ROO_PSRULE_CODES	rule	GTM_ROO_RULE_CODE_GID	Rules of Origin Code ID is a concatenation of Data_Version_ID +'_'+ roo_id+"_"+rule. For Example: If the data version is 26877, rool_id is EU_GB and rule is 'DMN_10LE', ID is created as 26877_EU_GB_DMN_10LE

File Name	Content Provider Element	GTM Element	Description
			To identify the rules of origin codes based on the data version and rules of origin.
_ROO_PSRULE_CODES	Rule	GTM_ROO_RULE_CODE_NAME	Rule Code Name
_ROO_PSRULE_CODES	Rule	EXTERNAL_REFERENCE_CODE	External Reference Code
_ROO_PSRULE_CODES	Rule_Type	GTM_ROO_RULE_TYPE_GID	Rules of Origin Type
_ROO_PSRULE_CODES	HS_Start	START_CLASSIFICATION_CODE	Defines the code level starting range.
_ROO_PSRULE_CODES	HS_End	END_CLASSIFICATION_CODE	Defines the code level ending range.
_ROO_PSRULE_CODES	Percentage	PERCENTAGE_VALUE	Stores the percentage value.
_ROO_PSRULE_CODES	Operator	PERCENTAGE_OPERATOR	Stores the percentage operator. The values can be any of <,>,<=,>=, =

Note: The following rule type values supported:

- THIRD COUNTRY CHECK
- FIFTY, CONDITION
- HS EXCLUSION
- HS INCLUSION
- RVC – NC
- RVC – TV
- RVC – UP
- RVC – DOWN
- TS – CHAPTER
- TS – HEADING
- TS – SUBHEADING
- TS - ITEM
- NTS – CHAPTER
- NTS – HEADING

The descriptions of the product specific rule codes is saved in the GTM_ROO_RULE_CODE_DESC table.

Rule Code Description Table

File Name	Content Provider Element	GTM Element	Description
_ROO_PSRULE_CODE_DESCS	Rule	GTM_ROO_RULE_CODE_GID	Rules of Origin Code ID is a concatenation of Data_Version_ID +'_'+ roo_id+"_"+rule. For Example: If the data version is 26877, rool_id is EU_GB and rule is 'DMN_10LE', ID is created as 26877_EU_GB_DMN_10LE To identify the rules of origin codes based on the data version and rules of origin.
_ROO_PSRULE_CODE_DESCS	language	GTM_LANGUAGE_GID	Language
_ROO_PSRULE_CODE_DESCS	Text	TEXT	Description

The details of the base rules is saved in the GTM_ROO_BASE_RULE table.

Base Rule table

File Name	Content Provider Element	GTM Element	Description
_ROO_BASE_RULES	roo_id	GTM_RULES_OF_ORIGIN_GID	Rules of Origin ID is a concatenation of Data_Version_ID +'_'+ id. For Example: If the data version is 26877and rool_id is EU_GB, ID is created as 26877_EU_GB To identify the rules of origin based on the data version.
_ROO_BASE_RULES	base_rule_type_name	GTM_ROO_BASE_RULE_TYPE	The rules of origin base rule type can be any of the values: DEMIN, SETOFGOODS or MINOPS
_ROO_BASE_RULES	base_rule_code	EXPRESSION	The expression for rules of origin base rule.

Following is the format of the base rule expression:

Base Rule Expression Format

ROO_BASE_RULE_TYPE	Expression Format
DEMIN	{DMN_10LE}
SETOFGOODS	{SOG_10LE}
MINOPS	{MOP_00EQ}