

**Oracle® Global Trade Management**

Regulatory Content System Guide

Release 6.4.3

March 2018

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Oracle® Global Trade Management Regulatory Content System Guide, Release 6.4.3

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# Preface

## Change History

<b>Date</b>	<b>Document Revision</b>	<b>Summary of Changes</b>
03/2018	-01	Initial Draft

# 1. 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. Global Trade Management (GTM) assists companies by:

- Identifying business transactions which violate any law or lack the required licenses
- Classifying the goods using the Harmonized Commodity Description and Coding System
- Consolidating the transaction details required for Customs filing

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

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

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

## 2. GTM Services

### Restricted Party Screening

The United States of America and other regional, unilateral, and multilateral agencies enforce regulations which 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 functionality to download this list from any third party data content provider and perform screening of involved parties against the list of 'Restricted' parties identified by the government.

### Product Classification

Some products (such as munitions and computer hardware for example) 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 first investigate if your product has an Export Control Classification Number (ECCN).

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

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)
- Areas of customs controls and procedures, including risk assessment, information technology and compliance.

Companies use HS codes to calculate the total landed cost of imported products and parts, and to identify selling and sourcing opportunities abroad. GTM helps you to download, update, or view product classification data and other related compliance elements for prompt and accurate customs filing.

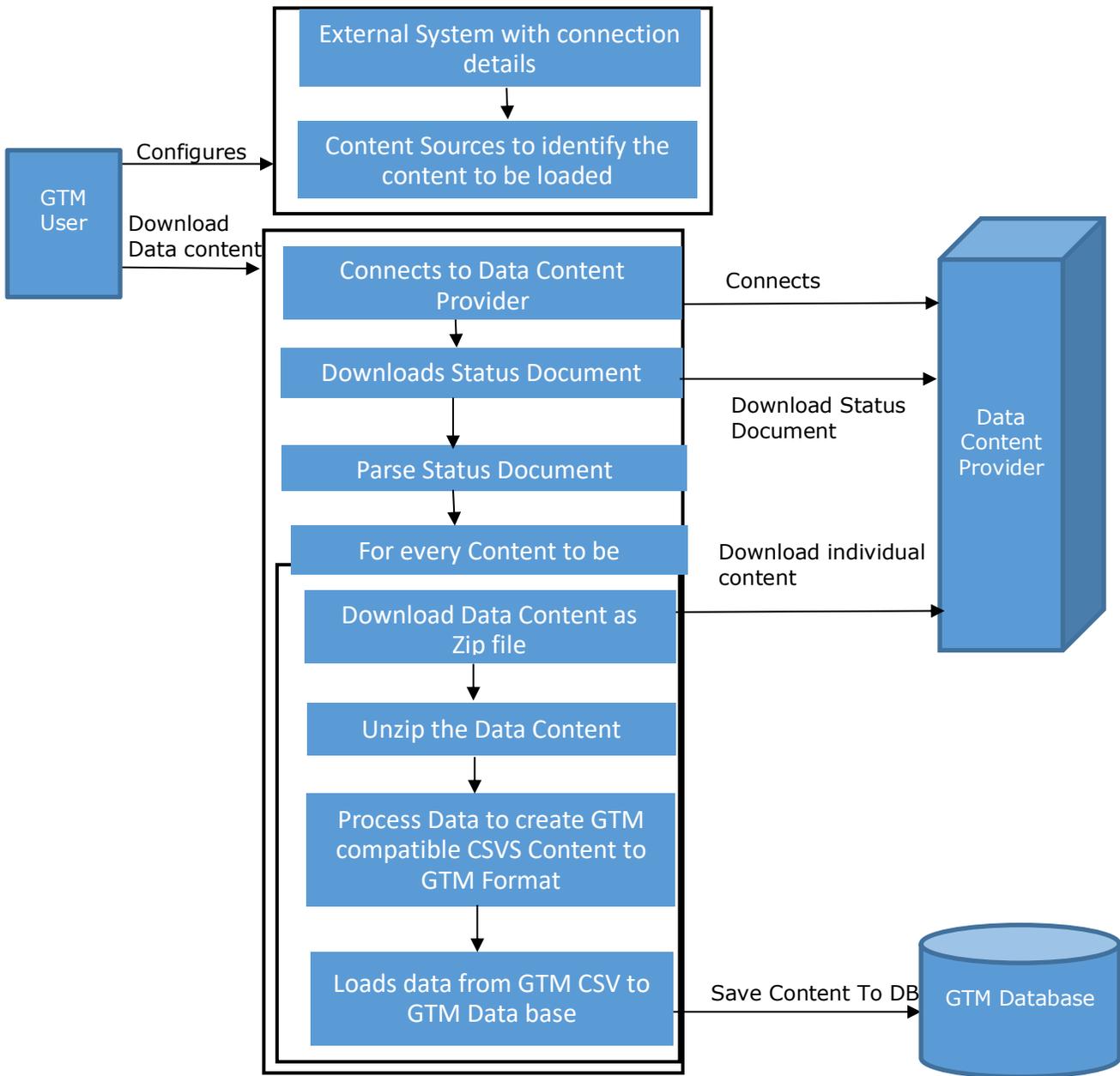
Finally, some countries also provide munitions lists which may include services and technology that is defense or space related. In some instances, customers may also need to assign munitions list numbers to their items.

### **3. Download Process Flows of GTM**

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

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



### 3.1 - Flow of Data between GTM and the Data Content Provider

## 4. Current Process in GTM

The following sections discuss the details of the functional flow between GTM and the 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 third party data provider. Data in the Content Type field identifies the type of content (HTS-US, ML-US, RESTRICTED\_PARTY, etc.) to be downloaded.

**Note:** The preferred approach is to have two different content sources per provider: one for restricted party list screening data and one for classification data.

Content Source 1 of 1 | New | Finished

\* Content Source ID: CONTENT SOURCE | Source Name: CONTENT SOURCE | Domain Name: FA

Content Source Data Type

Sequence	Source Data Type	Source Country ID	Supported	Content Type	
1	DPL		⊗	RESTRICTED_PARTY	✎ ✕
2	HSN		△	HTS-US	✎ ✕
3	HSN		△	HTS-MX	✎ ✕
4	HSN		△	HTS-PH	✎ ✕

Configuration

Configuration	Active	Communication Method	External System ID	
GTM_CONFIG	⊗	HTTPPOST	CONTENT_PROVIDER	✎ ✕

New Content Source Config

#### 4.1 – Content Source

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'.

**Note:** The external system must be specified on the Content Source page configured above.

You can refer to the Customs Filing Integration Guide for more details on communication method.

## 4.2 – External system

### 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 XML file downloaded from the third party data provider specifies:

- All of the available data types
- The dates when they were last updated
- A download link

Based on the information contained in the status document and the data types specified for download in the content source, GTM parses the status document and downloads any new content available.

### 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://company.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://company.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://company.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://company.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://company.com.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://company.com.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 with 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. There should be one master file, which is the consolidated list of all 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 appropriate File\_ID and Version\_ID in the status document.

There is no delta file concept related to product classification data as GTM downloads the complete list of product classification codes every time. The Update\_Indicator should always be 0 in case of product classification code 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 or product classification. 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.

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 is 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.
  - 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 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 content provider:

- MASTER: This must be present in the zipped folder for all the classification download with raw data provided by content provider. The file name must contain the word 'MASTER'. This file will contain the details of classification code.
- PARTS: This must be present in the zipped folder for all the classification download with raw data provided by 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, Schedule B download. The file name must contain the word 'UOM'. This will contain the UOM details classification of any 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.
- SOURCE: The zipped folders for restricted party must contain a single file with 'SOURCE' word in the file name. This file will contain details of all the restricted parties.

## Sample Raw HSN 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||e
ff_beg_dt||eff_end_dt||uom3||oga1||oga2||oga3||oga4||add_flag||cvd_flag||quota_
ind||short_desc||AES_Export_Allowed||LACEY
6624943||0101210000    ||128||502||Live animals: Live horses, asses, mules, and
hinnies: Horses: Purebred breeding
animals||61180098||EN||US||SchedB||NO||||00150||10140||0||112920||00||1/1/2012
12:00:00 AM||12/31/9999 12:00:00 AM|||||||||||||||HORSES, PUREBRED BREEDING,
LIVE||||
```

```

6624944||0101290000      ||128||502||Live animals: Live horses, asses, mules, and
hinnies: Horses:
Other||61180099||EN||US||SchedB||NO||||00150||10140||0||112920||00||1/1/2012
12:00:00 AM||12/31/9999 12:00:00 AM||||||||||||||HORSES, LIVE, EXCEPT
PUREBRED BREEDING||||
6624945||0101300000      ||128||502||Live animals: Live horses, asses, mules, and
hinnies:
Asses||61180100||EN||US||SchedB||NO||||00150||10140||0||112920||00||1/1/2012
12:00:00 AM||12/31/9999 12:00:00 AM||||||||||||||ASSES, LIVE||||
6624946||0101900000      ||128||502||Live animals: Live horses, asses, mules, and
hinnies:
Other||61180101||EN||US||SchedB||NO||||00150||10140||0||112920||00||1/1/2012
12:00:00 AM||12/31/9999 12:00:00 AM||||||||||||||MULES AND HINNIES,
LIVE||||
6624947||0102210010      ||128||502||Live animals: Live bovine animals: Cattle:
Purebred breeding animals: Dairy:
Male||61180106||EN||US||SchedB||NO||||00111||10140||0||11211X||00||1/1/2012
12:00:00 AM||12/31/9999 12:00:00 AM||||||||||||||BOVINES, PUREBRED
BREEDING, DAIRY, MALE, LIVE||||
6624948||0102210020      ||128||502||Live animals: Live bovine animals: Cattle:
Purebred breeding animals: Dairy:
Female||61180107||EN||US||SchedB||NO||||00111||10140||0||11211X||00||1/1/2012
12:00:00 AM||12/31/9999 12:00:00 AM||||||||||||||BOVINES, PUREBRED
BREEDING, DAIRY, FEMALE, LI||||

```

**Sample Raw ECCN 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|CC3|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|ST
A|TMP|TSR|TSU
EU_ECCN_0||0          ||CATEGORY 0 NUCLEAR MATERIALS, FACILITIES, AND
EQUIPMENT||EU_ECCN_0||EN||1980-01-01||2016-07-20||2050-01-01||EU||||
|||||
|||||
EU_ECCN_0A||0A          ||CATEGORY 0 NUCLEAR MATERIALS, FACILITIES, AND
EQUIPMENT&#10; Systems, Equipment and Components||EU_ECCN_0A||EN||1980-01-
01||2016-07-20||2050-01-01||EU||||
|||||
|||||
EU_ECCN_0A001||0A001          ||CATEGORY 0 NUCLEAR MATERIALS, FACILITIES,
AND EQUIPMENT&#10; Systems, Equipment and Components&#10; "Nuclear reactors"
and specially designed or prepared equipment and components therefor, as
follows:||EU_ECCN_0A001||EN||1980-01-01||2016-07-20||2050-01-01||EU||||
|||||
|||||
EU_ECCN_0A001A||0A001.a          ||CATEGORY 0 NUCLEAR MATERIALS, FACILITIES,
AND EQUIPMENT&#10; Systems, Equipment and Components&#10; "Nuclear reactors"
and specially designed or prepared equipment and components therefor, as
follows:&#10; a. "Nuclear reactors";||EU_ECCN_0A001A||EN||1980-01-01||2016-07-
20||2050-01-01||EU||||
|||||
|||||

```

```

EU_ECCN_0A001B||0A001.b          ||CATEGORY 0 NUCLEAR MATERIALS, FACILITIES,
AND EQUIPMENT&#10; Systems, Equipment and Components&#10; "Nuclear reactors"
and specially designed or prepared equipment and components therefor, as
follows:&#10; b. Metal vessels, or major shop-fabricated parts therefor,
including the reactor vessel head for a reactor pressure vessel, specially
designed or prepared to contain the core of a "nuclear
reactor";||EU_ECCN_0A001B||EN||1980-01-01||2016-07-20||2050-01-01||EU|||
|||||
|||||
EU_ECCN_0A001C||0A001.c          ||CATEGORY 0 NUCLEAR MATERIALS, FACILITIES,
AND EQUIPMENT&#10; Systems, Equipment and Components&#10; "Nuclear reactors"
and specially designed or prepared equipment and components therefor, as
follows:&#10; c. Manipulative equipment specially designed or prepared for
inserting or removing fuel in a "nuclear reactor";||EU_ECCN_0A001C||EN||1980-
01-01||2016-07-20||2050-01-01||EU|||
|||||
|||||
EU_ECCN_0A001D||0A001.d          ||CATEGORY 0 NUCLEAR MATERIALS, FACILITIES,
AND EQUIPMENT&#10; Systems, Equipment and Components&#10; "Nuclear reactors"
and specially designed or prepared equipment and components therefor, as
follows:&#10; d. Control rods specially designed or prepared for the control of
the fission process in a "nuclear reactor",support or suspension structures
therefore, rod drive mechanisms and rod guide tubes;||EU_ECCN_0A001D||EN||1980-
01-01||2016-07-20||2050-01-01||EU|||
|||||
|||||

```

**Sample Raw ML Data from the Downloaded Files**

```

Country_cd||Language_Cd||ID||ml_code||sme_ind||ml_desc||note||note1||note2||note3||not
e4||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 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
1241671|ANCIZAR|ANDRADE QUINTERO|CO|Colombia|1996-03-05|2015-04-28|sdnt|2015-04-28|5311|61|9524|1996-03-08|https://www.mkdenial.com/view.cfm?idnum=5311|
1241672|J. FREDDY MAFLA Y CIA. S.C.S.|Carrera 4 No. 11-45 Ofc. 503|CALI|CO|Colombia|2003-03-27|2015-04-28|sdnt|2015-04-28|13282|NIT # 800020482-4|https://www.mkdenial.com/view.cfm?idnum=13282|
1241673|JOSE FREDDY|MAFLA POLO|Carrera 4 No. 11-45 Ofc. 503|CALI|CO|Colombia|2003-03-27|2015-04-28|sdnt|2015-04-28|13372|https://www.mkdenial.com/view.cfm?idnum=13372|
1241674|JOSE FREDDY|MAFLA POLO|Calle 52N No. 5B-111|CALI|CO|Colombia|2003-03-27|2015-04-28|sdnt|2015-04-28|13373|https://www.mkdenial.com/view.cfm?idnum=13373|
1241675|JOSE FREDDY|MAFLA POLO|Carrera 11 No. 46- 24 apt. 201|CALI|CO|Colombia|2003-03-27|2015-04-28|sdnt|2015-04-28|13374|https://www.mkdenial.com/view.cfm?idnum=13374|
1241676|JOSE FREDDY|MAFLA POLO|Carrera 11 No. 46-26|CALI|CO|Colombia|2003-03-27|2015-04-28|sdnt|2015-04-28|13375|https://www.mkdenial.com/view.cfm?idnum=13375|
1241677|JOSE FREDDY|MAFLA POLO|CALI|CO|Colombia|2003-03-27|2015-04-28|sdnt|2015-04-28|13376|c/o COMPANIA DE FOMENTO MERCANTIL S.A.|https://www.mkdenial.com/view.cfm?idnum=13376|
1241678|JOSE FREDDY|MAFLA POLO|PUERTO TEJADA|CO|Colombia|2003-03-27|2015-04-28|sdnt|2015-04-28|13377|c/o CONSTRUCCIONES PROGRESO DEL PUERTO S.A.,|https://www.mkdenial.com/view.cfm?idnum=13377|
```

## 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.

### **Restricted Party 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.

<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
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
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

<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
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 more helpful.

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.

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
_MASTER	mstr_id	GTM_PROD_CLASS_CODE_GID	<p>Unique identifier used by GTM to create classification code for a particular version.</p> <p>Product Classification Code ID is a concatenation of Data_Version_ID+'_'+mstr_id.</p> <p>To identify the classification code based on the data version.</p>

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
_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	hscod	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
_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.

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
_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.

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
		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.

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
_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.

<b>GTM Attribute Name</b>	<b>Description</b>
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

<b>GTM Attribute Name</b>	<b>Description</b>
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

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.

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
_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_hscore	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.

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

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.

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
_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.

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

#### **ECCN (Dual-Use Export Control Classification Numbers) Mapping**

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
_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.

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
_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.

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
_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.

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Attribute Name</b>	<b>Description</b>
_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

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Attribute Name</b>	<b>Description</b>
_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

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Attribute Name</b>	<b>Description</b>
_MASTER	rs2	CONTROL-RS2	Reason for Control: Regional Stability Column 2
_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

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Attribute Name</b>	<b>Description</b>
_MASTER	kmi	EXCEPTION-KMI	License Exception: Key Management Infrastructure – Amendments Only
_MASTER	lvs	EXCEPTION-LVS	License Exception: Shipments of Limited Value
_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.

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
_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.

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

### ML (Munitions List) Mapping

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

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
_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.

<b>File Name</b>	<b>Content Provider Element</b>	<b>NOTE_TYPE</b>	<b>Description</b>
_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.

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Attribute Name</b>	<b>Description</b>
_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.

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
_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 `_'.

<b>File Name</b>	<b>Content Provider Element</b>	<b>GTM Element</b>	<b>Description</b>
_PART	ml_code	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.

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