|  |
| --- |
|  |
|  |
|  |
|  |
| **JTI** |
| Trade Marketing Excellence Programme |
|  |
|  |

|  |
| --- |
|  |
|  |
|  |
|  |
| HLFD for file CI(Contract Items) |
| **Version 14.0** |
|  |
|  |
|  |
|  |
|  |

***DOCUMENT HISTORY***

|  |  |
| --- | --- |
| 27/03/2022 | TME Phase 2 - HLFD Interface Contract Items Version 14.0.docx |
|  |  |
|  |  |

***REVIEWS***

|  |  |  |
| --- | --- | --- |
| **NAME** | **DATE** | **SIGNATURE** |
|  |  |  |
|  |  |  |

***APPROVALS***

|  |  |  |
| --- | --- | --- |
| **NAME** | **DATE** | **SIGNATURE** |
|  |  |  |
|  |  |  |

***VERSION HISTORY***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **VERSION** | **EFFECTIVE**  **DATE** | **SUMMARY OF CHANGES** | **WRITTEN BY** | **STATUS** |
| 14.0 | 27/03/2022 | Initial version based on TME Phase 2 - HLFD Interface Contract Items Version 14.0 doc  As per CHG228033,  Section 3.6   * Added new field X\_TARGET\_NUM | Frank Mingoué | Open |
|  |  |  |  |  |
|  |  |  |  |  |

***DISTRIBUTION HISTORY***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **VERSION** | **COPY** | **ISSUED TO** | **DATE** | **ACTION REQUIRED** |
|  |  |  |  |  |
|  |  |  |  |  |

# Table of Content

[0. Table of Content 4](#_Toc511732521)

[1. Introduction 5](#_Toc511732522)

[2. Glossary 5](#_Toc511732523)

[3. File contents 5](#_Toc511732524)

[3.1. Overview 5](#_Toc511732525)

[3.2. Frequency 5](#_Toc511732526)

[3.3. Systems 5](#_Toc511732527)

[3.4. Naming Convention 5](#_Toc511732528)

[3.5. File Delimiter 6](#_Toc511732529)

[3.6. Description of fields 6](#_Toc511732530)

[4. Loading of file data in Sales OLTP 9](#_Toc511732531)

[5. Validations 10](#_Toc511732532)

[5.1. Data Type Checks 10](#_Toc511732533)

[5.2. Duplicate Checks 10](#_Toc511732534)

[5.3. Foreign Key Checks 10](#_Toc511732535)

[5.3.1. Agreement Foreign Key Check 11](#_Toc511732536)

[5.4. Other Validations 11](#_Toc511732537)

[5.4.1. X\_FIXED\_TMPL\_FLG 11](#_Toc511732538)

[5.4.2. ITM\_TYPE\_CODE 12](#_Toc511732539)

[5.4.3. ITM\_BRAND\_CODE 12](#_Toc511732540)

[5.4.4. X\_TYPE 13](#_Toc511732541)

[6. IFB Files 13](#_Toc511732542)

# Introduction

This document gives the high-level description of file **Contract Items, version 14**.

# Glossary

# File contents

## Overview

This document describes all fields that can be loaded in the contract items entity and all fields that are automatically generated during an EIM-load.This file should be read together with the contracts design as the contract items represent lines belonging to the contracts defined in that contracts file. Per given account and contract, several lines can be given.

## Frequency

The file will be loaded daily.

## Systems

Only one file per market is allowed.

## Naming Convention

The file name is formed by concatenating the following fields:

* Country code, 2 characters:
  + IT for Italy
  + ES for Spain
* File Type, 2 characters: varies for each file type
* Version, 2 digits: revision version of the file type
* System Id, 2 digits: unique identifier for data source, given by the markets
* An underscore ('\_')
* Extraction date, in format YYYYMMDD. If the extraction is done overnight, the past day's date will be used (e.g., if data extracted between Monday and Tuesday, Monday's date will be used)
* An underscore ('\_')
* A group number. The group '10' will be used for normal extraction. Other groups will be used in exceptional cases (e.g., for data correction).
* File extension: '.txt'

Example: MYCI1402\_20220327\_10.txt is a file from Malaysia, of type CI, version 14, coming from system 02, extracted on March 27th, 2022, and belonging to group 10 (normal group).

## File Delimiter

The field delimiter is pipe, ‘|’.

## Description of fields

The corresponding EIM tables is EIM\_AGREE\_ITEM and the corresponding base tables in Siebel OLTP is S\_AGREE\_ITEM

The primary keys for this file are: ITM\_AGREE\_ACC\_BU, ITM\_AGREE\_ACC\_NAME, ITM\_AGREE\_BU, ITM\_AGREE\_NAME, ITM\_LN\_NUM, ITM\_LN\_NUM2

The fields ITM\_LN\_NUM and ITM\_LN\_NUM2 should have unique values and will be used to create/update each Contract Item record as they are part of the primary key. ITM\_LN\_NUM normally has sequential values, from 1 to the number of Contract Items for each Contract and ITM\_LN\_NUM2 normally has a fixed value of 1.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | Type | **Mandatory Field** | **Contents** | **Destination type** | **Corresponding EIM Table** | **Corresponding BASE Table** |
| ITM\_AGREE\_ACC\_BU | C100 | N (PK) | Business unit of account of contract  E.g. “Spain, ES” or “Italy, IT” | FK to S\_DOC\_AGREE  (Refer section 5.3.1.1) | EIM\_AGREE\_ITEM. ITM\_AGREE\_ACC\_BU | S\_AGREE\_ITEM.DOC\_AGREE\_ID |
| ITM\_AGREE\_ACC\_NAME | C100 | N (PK) | Code of account linked to the agreement | FK to S\_DOC\_AGREE  (Refer section 5.3.1.1) | EIM\_AGREE\_ITEM. ITM\_AGREE\_ACC\_NAME | S\_AGREE\_ITEM.DOC\_AGREE\_NAME |
| ITM\_AGREE\_BU | C100 | Y (PK) | Business unit of contract  E.g. “Spain, ES” or “Italy, IT” | FK to S\_DOC\_AGREE  (Refer section 5.3.1.1) | EIM\_AGREE\_ITEM. ITM\_AGREE\_BU | S\_AGREE\_ITEM.DOC\_AGREE\_BU |
| ITM\_AGREE\_NAME | C100 | Y (PK) | Agreement Number (AGR\_AGREE\_NUM in CO interface) | FK to S\_DOC\_AGREE  (Refer section 5.3.1.1) | EIM\_AGREE\_ITEM. ITM\_AGREE\_NAME | S\_AGREE\_ITEM.DOC\_AGREE\_ID |
| ITM\_AGREE\_REVNUM | N22,7 | Y | Agreement Revision Number | FK to S\_DOC\_AGREE  (Refer section 5.3.1.1) | EIM\_AGREE\_ITEM. ITM\_AGREE\_REVNUM | S\_AGREE\_ITEM.DOC\_AGREE\_ID |
| ITM\_LN\_NUM | N22,7 | Y (PK) | Line Number |  | EIM\_AGREE\_ITEM. ITM\_LN\_NUM | S\_AGREE\_ITEM.LN\_NUM |
| ITM\_LN\_NUM2 | N22,7 | N (PK) | Line Number2 |  | EIM\_AGREE\_ITEM. ITM\_LN\_NUM2 | S\_AGREE\_ITEM.LN\_NUM2 |
| ITM\_PROD\_BU | C100 | N | Always refers to business unit e.g. “Spain, ES” or “Italy, IT” | FK to S\_PROD\_INT | EIM\_AGREE\_ITEM. ITM\_PROD\_BU | S\_AGREE\_ITEM.ITM\_PROD\_BU |
| ITM\_PROD\_CODE | C30 | N | For Contract terms: Category = Contract Item or Contract Rate and Contractible Flag = Y  and Active = Y and End Date >= Today or Null  and No parent associated and Agreement Type is added to Contract Item Types field  For Distribution items: Category = Tobacco and Active flag = Y and End Date >= Today or Null  And Subtype=’Product’ or ‘SKU’  **For RUS only :**  For Distribution items: Category = Tobacco and Active flag = Y and End Date >= Today or Null | FK to S\_PROD\_INT | EIM\_AGREE\_ITEM. ITM\_INTEGRATION\_ID | S\_AGREE\_ITEM.ITM\_INTEGRATION\_ID |
| X\_LOC\_NAME | C100 | N | Merchandizing location name | FK to S\_INVLOC | EIM\_AGREE\_ITEM. IT\_XMERCHINVLOCNAM | S\_AGREE\_ITEM.IT\_XMERCHINVLOCNAM |
| X\_LOC\_BU | C100 | N | Business unit for agreement, always refers to a default business unit e.g. "Spain, ES" or “Italy, IT” | FK to S\_INVLOC | EIM\_AGREE\_ITEM. IT\_XMERCHINVLOC\_BU | S\_AGREE\_ITEM.IT\_XMERCHINVLOC\_BU |
| ITM\_QTY\_REQ | N22,7 | N | Quantity Requested |  | EIM\_AGREE\_ITEM. ITM\_QTY\_REQ | S\_AGREE\_ITEM.ITM\_QTY\_REQ |
| ITM\_UNIT\_PRI | N22,7 | N | Item Unit Price  Applicable only to Contract Item |  | EIM\_AGREE\_ITEM. ITM\_UNIT\_PRI | S\_AGREE\_ITEM.ITM\_UNIT\_PRI |
| ROOT\_AGRITM\_BU | C100 | N | Business unit of root agreement  E.g. “Spain, ES” or “Italy, IT” | FK to S\_AGREE\_ITEM | EIM\_AGREE\_ITEM. ROOT\_AGRITM\_BU | S\_AGREE\_ITEM.ROOT\_AGREE\_ITEM\_ID |
| ROOT\_AGRITMACCNAME | C100 | N | Root Agreement Account Name | FK to S\_AGREE\_ITEM | EIM\_AGREE\_ITEM. ROOT\_AGRITMACCNAME | S\_AGREE\_ITEM. ROOT\_AGRITMACCNAME |
| ROOT\_AGRITMLN\_NUM2 | N22,7 | N | Root Agreement Item Line Number2 | FK to S\_AGREE\_ITEM | EIM\_AGREE\_ITEM. ROOT\_AGRITMLN\_NUM2 | S\_AGREE\_ITEM.ROOT\_AGREE\_ITEM\_ID |
| ROOT\_AGRITMREV\_NUM | N22,7 | N | Root Agreement Revision Number | FK to S\_AGREE\_ITEM | EIM\_AGREE\_ITEM. ROOT\_AGRITMREV\_NUM | S\_AGREE\_ITEM.ROOT\_AGREE\_ITEM\_ID |
| ROOT\_AGRITM\_ACC\_BU | C100 | N | Business unit of Root Agreement Account  E.g. “Spain, ES” or “Italy, IT” | FK to S\_AGREE\_ITEM | EIM\_AGREE\_ITEM. ROOT\_AGRITM\_ACC\_BU | S\_AGREE\_ITEM.ROOT\_AGREE\_ITEM\_ID |
| ROOT\_AGRITM\_LN\_NUM | N22,7 | N | Root Agreement Item Line Number | FK to S\_AGREE\_ITEM | EIM\_AGREE\_ITEM. ROOT\_AGRITM\_LN\_NUM | S\_AGREE\_ITEM.ROOT\_AGREE\_ITEM\_ID |
| ROOT\_AGRITM\_NAME | C100 | N | Root Agreement Name |  | EIM\_AGREE\_ITEM. ROOT\_AGRITM\_NAME | S\_AGREE\_ITEM.ROOT\_AGREE\_ITEM\_ID |
| ITM\_TYPE\_BU | C100 | N | Always refers to business unit e.g. “Spain, ES” or “Italy, IT” | FK to S\_PROD\_INT | CHECK FOR ITM\_TYPE\_CODE | N/A |
| ITM\_TYPE\_CODE | C30 | N | Product unique code. Contractable child products of the Item | FK to S\_PROD\_INT | RATELS\_PRILST\_TYPE | S\_AGREE\_ITEM.RATE\_LST\_ID |
| ITM\_SUB\_TYPE\_BU | C100 | N | Always refers to business unit e.g. “Spain, ES” or “Italy, IT” | FK to S\_PROD\_INT | CHECK FOR ITM\_SUB\_TYPE\_CODE | N/A |
| ITM\_SUB\_TYPE\_CODE | C30 | N | Product unique code. Contractable child products of the Item Type | FK to S\_PROD\_INT | RATELS\_PRI\_LST | S\_AGREE\_ITEM.RATE\_LST\_ID |
| ITM\_BRAND\_BU | C100 | N | Always refers to business unit e.g. “Spain, ES” or “Italy, IT” | FK to S\_PROD\_INT | CHECK FOR ITM\_TYPE\_CODE | N/A |
| ITM\_BRAND\_CODE | C30 | N | Used to specify the brand for which item is contracted for. Used for competitors contracts.  The product code should only be of level “Brand Family” | FK to S\_PROD\_INT | EIM\_AGREE\_ITEM. RATELS\_PRI\_LST\_BU | S\_AGREE\_ITEM.RATE\_LST\_ID |
| ITM\_PERCENTAGE\_BONUS | N22,7 | N | Percentage of bonus per Item  Applicable only to Contract Item |  | EIM\_AGREE\_ITEM. ITM\_DISCNT\_AMT | S\_AGREE\_ITEM.DISCNT\_AMT |
| X\_DESC\_TEXT | C100 | N | Description |  | EIM\_AGREE\_ITEM. X\_DESC\_TEXT | S\_AGREE\_ITEM.X\_DESC\_TEXT |
| ASSET\_NUM | C100 | N | Asset Num  Applicable only to Contract Item  Condition :  An Asset can be added only of the Asset status is ‘installed’ and belongs to the same agreement Account | Fk to S\_ASSET | EIM\_AGREE\_ITEM. ITM\_AST\_NUM | S\_ASSET. ASSET\_NUM |
| EXCLUDE\_COMPLIANCE | C1 | N | Exclude Compliance  Applicable only to Contract Item |  | EIM\_AGREE\_ITEM. X\_CHK\_COMPL\_FLG | S\_AGREE\_ITEM.X\_CHK\_COMPL\_FLG |
| SHELF\_NUM | C30 | N | Shelf No  Applicable only to Contract Item | LOV: JTI\_SHELF\_NO | EIM\_AGREE\_ITEM. X\_SHELF\_NO | S\_AGREE\_ITEM.X\_SHELF\_NO |
| TYPE | C15 | Y | Type that will determine if record is a under distribution, Contract item or **Contract Rate**  The value provided should be either DISTRIBUTION or CONTRACT or RATE |  | CHECK FOR  X\_SHELF\_NO  X\_DISTR\_CONT\_FLG  X\_CHK\_COMPL\_FLG  ASSET\_ID  UNIT\_PRI | N/A |
| X\_DISTR\_CONT\_FLG | C1 | N | Contract?  Applicable only to Distribution Item |  | EIM\_AGREE\_ITEM. X\_DISTR\_CONT\_FLG | S\_AGREE\_ITEM.X\_DISTR\_CONT\_FLG |
| X\_DISTR\_ST\_DATE | D | N | Start Date (YYYY/MM./DD) |  | EIM\_AGREE\_ITEM. ITM\_START\_DT | S\_AGREE\_ITEM.START\_DT |
| X\_DISTR\_END\_DATE | D | N | End Date (YYYY/MM./DD) |  | EIM\_AGREE\_ITEM. ITM\_END\_DT | S\_AGREE\_ITEM.END\_DT |
| NB\_OF\_POINTS | N22,7 | N | (Contract Terms records) |  | EIM\_AGREE\_ITEM. X\_NB\_POINTS\_NUM | S\_AGREE\_ITEM.X\_NB\_POINTS\_NUM |
| X\_MIN\_ORDER | N22,7 | N | Min Order |  | EIM\_AGREE\_ITEM. X\_MIN\_ORDER | S\_AGREE\_ITEM.X\_MIN\_ORDER |
| X\_MAX\_ORDER | N22,7 | N | Max Order |  | EIM\_AGREE\_ITEM. X\_MAX\_ORDER | S\_AGREE\_ITEM.X\_MAX\_ORDER |
| AGREE\_ITM\_CURCY\_CD | C20 | N | Currency Code |  | EIM\_AGREE\_ITEM. ITM\_AGRITMCURCY\_CD | S\_AGREE\_ITEM.AGREE\_ITM\_CURCY\_CD |
| AGREE\_ITM\_EXCH\_DT | D | N | Exchange Date (YYYY/MM/DD) |  | EIM\_AGREE\_ITEM. ITM\_AGRITM\_EXCH\_DT | S\_AGREE\_ITEM.AGREE\_ITM\_EXCH\_DT |
| X\_RATE\_UNIT\_PRICE | N22,7 | N | Rate Unit Price  Applicable only to Contract Rate |  | EIM\_AGREE\_ITEM. X\_RATE\_UNIT\_PRICE | S\_AGREE\_ITEM.X\_RATE\_UNIT\_PRICE |
| X\_BONUS\_A\_NUM | N22,7 | N | Bonus A |  | EIM\_AGREE\_ITEM. X\_BONUS\_A\_NUM | S\_AGREE\_ITEM. X\_BONUS\_A\_NUM |
| X\_BONUS\_B\_NUM | N22,7 | N | Bonus B |  | EIM\_AGREE\_ITEM. X\_BONUS\_B\_NUM | S\_AGREE\_ITEM. X\_BONUS\_B\_NUM |
| X\_ROTATION\_START\_DT | D | N | Rotation Start Date (YYYY/MM/DD) |  | EIM\_AGREE\_ITEM. X\_ROTATION\_END\_DT | S\_AGREE\_ITEM.X\_ROTATION\_END\_DT |
| X\_ROTATION\_END\_DT | D | N | Rotation End Date (YYYY/MM/DD) |  | EIM\_AGREE\_ITEM. X\_ROTATION\_START\_DT | S\_AGREE\_ITEM. X\_ROTATION\_START\_DT |
| X\_SIS\_CONTRACT\_FLG | C1 | N | SIS Contracted? (Flag) |  | EIM\_AGREE\_ITEM. X\_SIS\_CONTRACT\_FLG | S\_AGREE\_ITEM.X\_SIS\_CONTRACT\_FLG |
| X\_READONLY\_FLG | C1 | N | Read Only Flag.  For Type CONTRACT, value should be Y and N  For Type DISTRIBUTION or RATE, value will be ignored |  | EIM\_AGREE\_ITEM. X\_READONLY\_FLG | S\_AGREE\_ITEM.X\_READONLY\_FLG |
| X\_BENEFIT\_TYPE\_CD | C30 | N | Use to specify type of benefit given. (Payment, Points, Free Goods) | LOV: JTI\_BENEFIT\_TYPE | EIM\_AGREE\_ITEM.IT\_X\_BENEFITTYPECD | S\_AGREE\_ITEM. X\_BENEFIT\_TYPE\_CD |
| X\_CONTRACTITEMLN\_NUM | N22,7 | N | Contract Item Line Number 1 | FK to S\_AGREE\_ITEM | EIM\_AGREE\_ITEM. ITXCONTRACTAGRITM3 | S\_AGREE\_ITEM. X\_CONTRACT\_ITEM\_ID |
| X\_CONTRACTITEMLN\_NUM2 | N22,7 | N | Contract Item Line Number 2 | FK to S\_AGREE\_ITEM | EIM\_AGREE\_ITEM. ITXCONTRACTAGRITM3 | S\_AGREE\_ITEM. X\_CONTRACT\_ITEM\_ID |
| X\_TARGET\_NUM | N22,7 | N | JTI Target Num |  | EIM\_AGREE\_ITEM.X\_TARGET\_NUM | S\_AGREE\_ITEM .X\_TARGET\_NUM |

# Loading of file data in Sales OLTP

The file is the main source of data for table S\_AGREE\_ITEM

The following fields are not loaded from incoming files, but are calculated during the EIM process:

|  |  |  |
| --- | --- | --- |
| **Corresponding Column in Base table** | **Corresponding column in**  **EIM interface table** | **Description** |
| S\_AGREE\_ITEM .S\_PROD\_INT | EIM\_AGREE\_ITEM.PROD\_VEN\_NAME | Will be looked up in ifb based on Product code |
| S\_AGREE\_ITEM .S\_PROD\_INT | EIM\_AGREE\_ITEM.PROD\_VEN\_BU | Will be looked up in ifb based on Product code |
| S\_AGREE\_ITEM .S\_PROD\_INT | EIM\_AGREE\_ITEM.PROD\_NAME | Will be looked up in ifb based on Product code |
| S\_AGREE\_ITEM .S\_AGREE\_ITEM | EIM\_AGREE\_ITEM.ITM\_AGREE\_NAME | Needs to be replaced by looked up contract number as this will be stored in the name field |
| S\_AGREE\_ITEM .S\_AGREE\_ITEM | EIM\_AGREE\_ITEM.ITM\_BILLABLE\_FLG | Always “N” |
| S\_AGREE\_ITEM .S\_AGREE\_ITEM | EIM\_AGREE\_ITEM.ITM\_DISCNT\_SRC\_CD | Always “N” |
| S\_AGREE\_ITEM .S\_AGREE\_ITEM | EIM\_AGREE\_ITEMITM\_EXCLPRICINGFLG | Always “N” |
| S\_AGREE\_ITEM .S\_AGREE\_ITEM | EIM\_AGREE\_ITEM.ITM\_PROMO\_ITEM\_FLG | Always “N” |
| S\_AGREE\_ITEM.X\_TYPE | EIM\_AGREE\_ITEM. X\_TYPE | If Product Category= **Tobacco**, default value to “DISTRIBUTION”  If Product Category = **Contract Rate**, default value to “RATE”  else value should be null |
| S\_AGREE\_ITEM.AGREE\_ITM\_CURCY\_CD | EIM\_AGREE\_ITEM.ITM\_AGRITMCURCY\_CD | If NULL, retrieve Agreement Currency. If Agreement Currency is NULL, retrieve organization currency. |
| S\_AGREE\_ITEM.AGREE\_ITM\_EXCH\_DT | EIM\_AGREE\_ITEM.ITM\_AGRITM\_EXCH\_DT | If NULL, retrieve Agreement Exchange Date. If Agreement Exchange Date is NULL, retrieve current Date. |
| S\_AGREE\_ITEM.PART\_RETURN\_FLG | EIM\_AGREE\_ITEM. IT\_PART\_RETURN\_FLG | Required column. Default is ‘N’ |
| S\_AGREE\_ITEM.X\_MIN\_ORDER | EIM\_AGREE\_ITEM. X\_MIN\_ORDER | If the record is updated, values should be provided, otherwise will be defaulted to 0 |
| S\_AGREE\_ITEM.X\_MAX\_ORDER | EIM\_AGREE\_ITEM. X\_MAX\_ORDER | If the record is updated, values should be provided, otherwise will be defaulted to 0 |
| S\_AGREE\_ITEM. X\_CONTRACT\_ITEM\_ID | EIM\_AGREE\_ITEM. ITXCONTRACTAGRITM0 | Will be looked up in ifb based on DOC\_AGREE\_ID |
| S\_AGREE\_ITEM. X\_CONTRACT\_ITEM\_ID | EIM\_AGREE\_ITEM.ITXCONTRACTAGRITM1 | Will be looked up in ifb based on DOC\_AGREE\_ID |
| S\_AGREE\_ITEM. X\_CONTRACT\_ITEM\_ID | EIM\_AGREE\_ITEM.ITXCONTRACTAGRITM2 | Will be looked up in ifb based on DOC\_AGREE\_ID |
| S\_AGREE\_ITEM. X\_CONTRACT\_ITEM\_ID | EIM\_AGREE\_ITEM.IT\_XCONTRACTAGRBI0 | Will be looked up in ifb based on DOC\_AGREE\_ID |
| S\_AGREE\_ITEM. X\_CONTRACT\_ITEM\_ID | EIM\_AGREE\_ITEM. IT\_XCONTRACTAGRITM | Will be looked up in ifb based on DOC\_AGREE\_ID |
| S\_AGREE\_ITEM. X\_CONTRACT\_ITEM\_ID | EIM\_AGREE\_ITEM. IT\_XCONTRACTAGR\_BI | Will be looked up in ifb based on DOC\_AGREE\_ID |

# Validations

## Data Type Checks

* + Check Length, numeric and date for each field of the Flat File

## Duplicate Checks

* + Check if there is any duplicate in the Flat File using the User Keys
    - ITM\_AGREE\_ACC\_BU
    - ITM\_AGREE\_ACC\_NAME
    - ITM\_AGREE\_BU
    - ITM\_AGREE\_NAME
    - ITM\_LN\_NUM
    - ITM\_LN\_NUM2

## Foreign Key Checks

* + Verify if the Foreign keys provided from the Flat File exist in the base table
    - S\_INVLOC (Merchandising Location)
    - S\_DOC\_AGREE (Contract)
    - S\_AGREE\_ITEM (Contract Item)
    - S\_PROD\_INT (Product Brand)
    - S\_ASSET (Asset )

### **Agreement Foreign Key Check**

Foreign key check for S\_AGREE\_ITEM.DOC\_AGREE\_ID

In order to check if an agreement exists based on provided user keys, the following rules apply:

* Lookup the agreement in S\_DOC\_AGREE using only ITM\_AGREE\_NAME, ITM\_AGREE\_BU as conditions.
* If only one agreement is returned, continue the loading using the returned record *(no need to check if ITM\_AGREE\_ACC\_NAME matches to the account of the returned agreement).*
* If multiple agreements are returned, compare the returned records with the ITM\_AGREE\_ACC\_NAME, ITM\_AGREE\_ACC\_BU and ITM\_AGREE\_REVNUM provided.
  + If one agreement matches all provided user keys, continue the loading using the returned record and raise a warning.
  + If no agreement matches, reject the line and raise an FK error.

## Other Validations

### **X\_FIXED\_TMPL\_FLG**

If the column X\_FIXED\_TMPL\_FLG of the parent contract is set to “Y” and the process CI\_LOADER\_X\_FIXED\_TMPL\_FLG in table WC\_ETL\_MARKET\_PARAM\_G is not activated for the market impacted, the record will be rejected. Otherwise, the record is loaded.

The scenarios are shown below:

|  |  |  |  |
| --- | --- | --- | --- |
| CI Loader | | | |
| Condition 2 | | | |
| ***Parent Contract FIXED\_TMPL\_FLG*** | ***Parent Contract X\_TMPL\_ID*** | ***ITM\_AGREE\_BU*** | ***CI can be loaded?*** |
| NULL | <ANY VALUE> | All markets | Y |
| N | <ANY VALUE> | All markets | Y |
| Y | <ANY VALUE> | All markets where process CI\_LOADER\_X\_FIXED\_TMPL\_FLG is not activated | N |
| Y | <ANY VALUE> | All markets where process CI\_LOADER\_X\_FIXED\_TMPL\_FLG is activated | Y |

The process CI\_LOADER\_X\_FIXED\_TMPL\_FLG is activated for the following markets:

* + - Russia, RU
    - Malaysia, MY

To activate the process for a specific market, the column EXECUTION\_FLG will have to be set to ‘Y’ in the table WC\_ETL\_MARKET\_PARAM\_G where ETL\_PROCESS\_NAME = ‘CI\_LOADER\_X\_FIXED\_TMPL\_FLG’ and for the specific MARKET\_NAME.

### **ITM\_TYPE\_CODE**

The ITM\_TYPE\_CODE should a child of the ITM\_PROD\_CODE and the ITM\_SUB\_TYPE\_CODE should be a child of ITM\_TYPE\_CODE. If this is not the case the record will be rejected. There is a parent child relationship between these fields as illustrated in the diagram below.



### **ITM\_BRAND\_CODE**

If the Product level of the ITM\_BRAND\_CODE is not “Brand Family” when this field is provided in the flat file the record will be rejected

### **X\_TYPE**

CI interface will not allow a record to be loaded if for the combination of existing CI user key,TYPE value in CI flat file differ from S\_AGREE\_ITEM.X\_TYPE in DB

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CI Userkey | CI TYPE | S\_AGREE\_ITEM User key | S\_AGREE\_ITEM.X\_TYPE | Interface Behavior |
| U1 | CONTRACT | U1 | CONTRACT or NULL | Update record |
| U2 | RATE | U2 | RATE | Update record |
| U3 | DISTRIBUTION | U3 | DISTRIBUTION | Update record |
| U4 | RATE | U4 | DISTRIBUTION | Reject |
| U5 | RATE | U5 | CONTRACT or NULL | Reject |
| U6 | CONTRACT | U6 | RATE | Reject |
| U7 | CONTRACT | U7 | DISTRIBUTION | Reject |
| U8 | DISTRIBUTION | U8 | CONTRACT or NULL | Reject |
| U9 | DISTRIBUTION | U9 | RATE | Reject |

# IFB Files

The IFB File that is used for this entity is as follows

**Italy**

IFA\_ITA\_CI\_Contract\_Items.ifb

**Netherlands**

IFA\_NLD\_CI\_Contract\_Items.ifb

**Belgium**

IFA\_FLB\_CI\_Contract\_Items.ifb

**Switzerland**

IFA\_DEU\_CI\_Contract\_Items.ifb

**France**

IFA\_FRA\_CI\_Contract\_Items.ifb

**Spain**

IFA\_ESN\_CI\_Contract\_Items.ifb

**Spain cigar**

IFA\_ESN\_EC\_CI\_Contract\_Items.ifb

**Canada**

IFA\_ENC\_CI\_Contract\_Items.ifb

**Ireland**

IFA\_EIR\_CI\_Contract\_Items.ifb

**Austria**

IFA\_AUT\_CI\_Contract\_Items.ifb

**Portugal**

IFA\_PTG\_CI\_Contract\_Items.ifb

**Sweden**

IFA\_SVE\_CI\_Contract\_Items.ifb

**United Kingdom**

IFA\_ENG\_CI\_Contract\_Items.ifb

**Ukraine**

IFA\_UKR\_CI\_Contract\_Items.ifb

**WWDF**

IFA\_EWW\_CI\_Contract\_Items.ifb

**Romania**

IFA\_ROM\_CI\_Contract\_Items.ifb

**Czech Republic**

IFA\_CSY\_CI\_Contract\_Items.ifb

**Serbia**

IFA\_SER\_CI\_Contract\_Items.ifb

**Poland**

IFA\_PLK\_CI\_Contract\_Items.ifb

**Germany**

IFA\_GER\_CI\_Contract\_Items.ifb

**Malaysia**

IFA\_EMA\_CI\_Contract\_Items.ifb

**Taiwan**

IFA\_CHT\_CI\_Contract\_Items.ifb

**Korea**

IFA\_KOR\_CI\_Contract\_Items.ifb

**Kazakhstan**

IFA\_KZA\_CI\_Contract\_Items.ifb

**Russia**

IFA\_RUS\_CI\_Contract\_Items.ifb