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| **JTI** |
| Trade Marketing Excellence Programme |
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| HLFD New Point Transaction |
| **PT Version 08** |
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***DOCUMENT HISTORY***

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| 22/12/2021 | TME Phase 2 - HLFD Interface New Point Transactions PT Version 8.0.docx |
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***REVIEWS***

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***APPROVALS***

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***VERSION HISTORY***

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| 8.0 | 22/12/2021 | Initial Version based on version 7.3 as per CHG215555 new fields added | Frank | Open |
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***DISTRIBUTION HISTORY***

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# Introduction

This document gives the high-level description of file **Point Transactions, version 07.**

# Glossary

# File contents

## Overview

This document describes all fields that can be loaded for Point Transaction data and all fields that are automatically generated during the EIM load process. It can be used for inserting and updating a Point Transaction records.

## Frequency

The file for this interface will be loaded on an ad-hoc basis.

## Systems

Only one file per market is allowed for each load for the same system Id and entity version.

## Naming Convention

The file name is formed by concatenating the following fields:

* Country code, 2 characters:
  + BE for Belgium
  + 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: KZPT0802\_20211225\_10.txt is a file from Kazakhstan, of type PT, version 08, coming from system 02, extracted on 25th January 2017, and belonging to group 10 (normal group).

## File Delimiter

The field separator is a pipe ‘|’.

## Description of fields

The corresponding EIM tables in Siebel OLTP is EIM\_CX\_PTS\_TXN

The corresponding columns in the Siebel OLTP model are in table CX\_PTS\_TXN.

The primary keys for this file are TARGET\_ACCNT\_BU, TARGET\_ACCNT\_NAME, AGR\_BU, AGR\_AGREE\_NUM, X\_TYPE0 and X\_TX\_NUM

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Type** | **Field is mandatory** | **Contents** | **Destination Type** | **Corresponding EIM Column** | **Corresponding Base column** |
| TARGET\_ACCNT\_BU | C100 | N | Business unit for agreement, always refers to a default business unit e.g. "Spain, ES" or “Italy, IT” | FK to S\_ORG\_EXT | EIM\_CX\_PTS\_TXN. X\_AGREE\_ACC\_BI | CX\_PTS\_TXN. X\_AGREE\_ID  CX\_PTS\_TXN.X\_AGREE\_ITEM\_ID |
| TARGET\_ACCNT\_NAME | C100 | N | Code of Account to which the contract is linked | FK to S\_ORG\_EXT | EIM\_CX\_PTS\_TXN. X\_AGREE\_ACC\_NAME | CX\_PTS\_TXN. X\_AGREE\_ID  CX\_PTS\_TXN.X\_AGREE\_ITEM\_ID |
| AGR\_BU | C100 | N | Business unit for agreement, always refers to a default business unit e.g. "Spain, ES" or “Italy, IT” | FK to S\_DOC\_AGREE | EIM\_CX\_PTS\_TXN.  X\_AGREE\_BI | CX\_PTS\_TXN. X\_AGREE\_ID  CX\_PTS\_TXN.X\_AGREE\_ITEM\_ID |
| AGR\_AGREE\_NUM | C30 | N | Agreement Number | FK to S\_DOC\_AGREE | EIM\_CX\_PTS\_TXN.  X\_AGREE\_NAME | CX\_PTS\_TXN. X\_AGREE\_ID  CX\_PTS\_TXN.X\_AGREE\_ITEM\_ID |
| X\_TYPE0 | C30 | N | Transaction Type  For Point Transaction the valid values are: Assign Points, Exchange Points  For Incentive transactions only valid value is: Give Incentive | MLOV: JTI\_AGR\_TXN\_TYPE | EIM\_CX\_PTS\_TXN.  X\_TYPE | CX\_PTS\_TXN.X\_TYPE |
| X\_NAME | C30 | Y (PK) | Unique code for each Point & Incentive  Transaction |  | EIM\_CX\_PTS\_TXN. X\_TX\_NUM | CX\_PTS\_TXN.X\_TX\_NUM |
| X\_X\_TXN\_DT | D | N | Transaction Date |  | EIM\_CX\_PTS\_TXN.  X\_TXN\_DT | CX\_PTS\_TXN.X\_TXN\_DT |
| X\_X\_TXN\_PTS | N22,7 | N | Points Not applicable for Incentive  transactions |  | EIM\_CX\_PTS\_TXN.X\_TXN\_PTS | CX\_PTS\_TXN.X\_TXN\_PTS |
| PROD\_CODE | C28 | N | Product Code  ~~Is not required for the transaction~~  ~~“Assign Points”~~ | FK to S\_PROD\_INT | EIM\_CX\_PTS\_TXN.  X\_TXN\_PROD\_VENNAME  EIM\_CX\_PTS\_TXN.  X\_TXN\_PROD\_VEN\_LOC,  EIM\_CX\_PTS\_TXN.  X\_TXN\_PROD\_NAME | CX\_PTS\_TXN.X\_TXN\_PROD\_ID |
| PROD\_BU | C100 | N | Business unit of product  E.g “Spain, ES” or “Italy, IT” |  | EIM\_CX\_PTS\_TXN. X\_TXN\_PROD\_VEN\_BI  EIM\_CX\_PTS\_TXN.  X\_TXN\_PROD\_BI | CX\_PTS\_TXN.X\_TXN\_PROD\_ID |
| X\_X\_TXN\_QTY | N22,7 | N | Quantity  Cannot exceed the available quantity of the product in the contract |  | EIM\_CX\_PTS\_TXN.  X\_TXN\_QTY | CX\_PTS\_TXN.X\_TXN\_QTY |
| X\_X\_TXN\_STAT\_CD | C30 |  |  | MLOV: JTI\_AGR\_TXN\_STATUS | EIM\_CX\_PTS\_TXN.  X\_TXN\_STAT\_CD | CX\_PTS\_TXN.X\_TXN\_STAT\_CD |
| X\_NOSALE\_RES\_CD | C30 | N | Business Reason  ~~Is required, if the transaction status is set to Cancelled for both Point and~~  ~~Transactions~~ | MLOV: JTI\_PTXN\_NO\_SALE\_REASON | EIM\_CX\_PTS\_TXN.  X\_NOSALE\_RES\_CD | CX\_PTS\_TXN.X\_NOSALE\_RES\_CD |
| APPROVED\_BY | C50 | N | Login Name  Applicable only to Incentive transactions | FK to S\_USER | EIM\_CX\_PTS\_TXN.  X\_APPROVED\_LOGIN | CX\_PTS\_TXN.X\_APPROVED\_BY\_ID |
| CON\_PERSON\_UID | C100 | N | CON\_PERSON\_UID Unique code | FK to S\_CONTACT | EIM\_CX\_PTS\_TXN.  X\_CON\_BI  EIM\_CX\_PTS\_TXN.  X\_CON\_PRIV\_FLG  EIM\_CX\_PTS\_TXN.  X\_PERSON\_UID | CX\_PTS\_TXN.X\_CONTACT\_ID |
| X\_TXN\_SRC\_CD | C30 | N | Mandatory if contact provided | LOV:JTI\_PTS\_TXN\_SRC | EIM\_CX\_PTS\_TXN. X\_TXN\_SRC\_CD | CX\_PTS\_TXN. X\_TXN\_SRC\_CD |
| LN\_NUM | N22,7 | N | Line Number | FK to S\_AGREE\_ITEM | EIM\_CX\_PTS\_TXN.  X\_AGRITM\_LN\_NUM | CX\_PTS\_TXN.X\_AGREE\_ITEM\_ID |
| LN\_NUM2 | N22,7 | N | Line Number2 | FK to S\_AGREE\_ITEM | EIM\_CX\_PTS\_TXN.  X\_AGRITM\_LN\_NUM2 | CX\_PTS\_TXN.X\_AGREE\_ITEM\_ID |
| PTS\_TXN\_ACCNT | C100 | N | Code of Account where point transaction was performed | FK to S\_ORG\_EXT | EIM\_CX\_PTS\_TXN.  X\_ACCNT\_NAME | CX\_PTS\_TXN.X\_ACCNT\_ID |
| X\_COMMENTS | C250 | N | Comments |  | EIM\_CX\_PTS\_TXN.  X\_COMMENTS | CX\_PTS\_TXN. X\_COMMENTS |
| X\_PERIOD\_CD | C100 | N | Period | MLOV: JTI\_PERIOD | EIM\_CX\_PTS\_TXN. X\_PERIOD\_CD | CX\_PTS\_TXN. X\_PERIOD\_CD |
| X\_SUBMISSION\_DT | D | N | The date of transition to the status “Submitted”. |  | EIM\_CX\_PTS\_TXN. X\_SUBMISSION\_DT | CX\_PTS\_TXN.X\_SUBMISSION\_DT |
| X\_SUBMITTED\_BY | C30 | N | The login of the user who changed the status of transaction to “Submitted”. | FK to S\_USER | EIM\_CX\_PTS\_TXN. X\_SUBMITTED\_LOGIN  EIM\_CX\_PTS\_TXN. XSUBMITTEDLOGINDOM | CX\_PTS\_TXN.X\_SUBMITTED\_BY\_ID |
| X\_CANCELLATION\_DT | D | N | The date of transition to the status “Cancelled”. |  | EIM\_CX\_PTS\_TXN. X\_CANCELLATION\_DT | CX\_PTS\_TXN.X\_CANCELLATION\_DT |
| X\_CANCELLED\_BY | C30 | N | The login of the user who changed the status of transaction to “Cancelled”. | FK to S\_USER | EIM\_CX\_PTS\_TXN. X\_CANCELLED\_LOGIN  EIM\_CX\_PTS\_TXN.  XCANCELLEDLOGINDOM | CX\_PTS\_TXN.X\_CANCELLED\_BY\_ID |

# Loading of file data in Sales OLTP

The file is the main source of data for table CX\_PTS\_TXN.

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

|  |  |  |
| --- | --- | --- |
| **Corresponding Table in OLTP** | **Corresponding column in  EIM interface table** | **Description** |
|
| CX\_PTS\_TXN | AGREE\_ID | Agreement Id derived based on user keys |
| CX\_PTS\_TXN | X\_TXN\_PROD\_ID | Product Id will derived based on user keys |
| CX\_PTS\_TXN | X\_XAPPROVEDLOGINDO | Field should be populated to resolve X\_APPROVED\_BY\_ID |
| CX\_PTS\_TXN | S\_CONTACT\_ID | Contact ID derived based on user keys |
| CX\_PTS\_TXN.X\_ACCNT\_ID | EIM\_CX\_PTS\_TXN.X\_ACCNT\_BU | Lookup based on BU of filename and PTS\_TXN\_ACCNT. |
| CX\_PTS\_TXN.X\_ACCNT\_ID | EIM\_CX\_PTS\_TXN.X\_ACCNT\_LOC | Lookup based on BU of filename and PTS\_TXN\_ACCNT. |

# Validations

## LOV checks

Verify if the LOV of this TYPE exists and if they are active

|  |  |
| --- | --- |
| **Column Name** | **LOV Type** |
| X\_TYPE0 | JTI\_AGR\_TXN\_TYPE |
| X\_X\_TXN\_STAT\_CD | JTI\_AGR\_TXN\_STATUS |
| X\_NOSALE\_RES\_CD | JTI\_PTXN\_NO\_SALE\_REASON |
| X\_TXN\_SRC\_CD | JTI\_PTS\_TXN\_SRC |
| X\_PERIOD\_CD | JTI\_PERIOD |

## Other validations

### Null checks

The following fields should have NULL check

X\_TX\_NUM

### **Duplicate check**

Duplicate check will be done on based on the Primary of the Flat File whereby the combination of fields cannot appear more than once

### **Foreign Key check**

The following foreign key check will be applied. Agreement & Product based on the keys from the flat file

Agreement: TARGET\_ACCNT\_BU, TARGET\_ACCNT\_NAME, AGR\_BU , AGR\_AGREE\_NUM

Product: PROD\_CODE, PROD\_BU

Contact: CON\_PERSON\_UID , BU\_ID – retrieve the Country code the first 2 characters from the flat file name.

Agreement Item: TARGET\_ACCNT\_BU, TARGET\_ACCNT\_NAME, AGR\_BU, AGR\_AGREE\_NUM, LN\_NUM, LN\_NUM2

### **Transaction Type Check**

A new validation should be added to check if product code is provided in flat file when transaction of type “Exchange Points” is provided in flat file. Otherwise record will be rejected since Product Code is mandatory for this type of transaction.

### **~~Business Reason Check~~**

~~A new validation should be included to check if the Business reason is provided when Incentive transaction are loaded with status “Cancelled”. Otherwise record should be rejected with an error message.~~

### **Quantity of Product - X\_X\_TXN\_QTY**

A check should be implemented on this field to validate that quantity provided does not exceed the available quantity of the product in the contract else record will be rejected.

# IFB Files

The IFB File that are used for this entity are

**ENU** IFA\_ENU\_PT\_ContractAwardProduct.ifb