## Virtual Branch Interface Inbound

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| Functionality: | Provide sales data that will be loaded into ODS and ORDM using the Virtual Branch interface, under the Virtual Branch Policy. For example, Order Management Sales data from EBS. |
| Frequency: | Daily on Calendar Days |
| Interface Format: | Data Interchange through Inbound Schema.  Schema: MG\_Inbound  Tables: MG\_SALES\_ITEM, MG\_SALES\_ORDER, MG\_SALES\_PAY, MG\_SALES\_PAYFIG |
| Data Set: | Delta file |
| Business Rules / Remarks: | * The interface data should be the sales data in ODS format |

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| ***Virtual Branch Interface*** |
| Data Scope  The inbound interface should include sales data that are identified as using Virtual Branch interface (by Virtual Branch Policy) for ORDM.  Process Logic   * An ETL will import the interface data into ODS sales table. * If the same set of data is provided, that is sales data under the same Branch and same Business Date, it will replace the set that was previously loaded into the EDW   Validation Logic   * Fields and their formats of Transactions are conformed to the file layout.   Error and Exception Handling:   * If the ETL fails to transform any records in the interface, for example due to data validation, the whole interface file data will not be loaded into ORDM and an ‘error’ status will be reported in the program control log table. |

| ***MG\_SALES\_ORDER Table Fields Details*** | | | | |
| --- | --- | --- | --- | --- |
| ***Item*** | ***Field*** | ***Description(s)*** | ***Format (Length)*** | ***Optional*** |
| 1. 1 | BRANCH\_ID | Maxim’s branch ID for this virtual branch (The 5-digit branch ID that begin with “0”) | Varchar2(6) |  |
|  | BUSINESS\_DATE | Transaction Business Date | Datetime |  |
|  | ORDER\_NO | Transaction order no. | Varchar2(10) |  |
|  | ORDER\_SEQUENCE | Transaction order sequence | Number(5,0) |  |
|  | EVENT\_NO | Event Order no. | Varchar2(10) | Y |
|  | TABLE\_NO | Table no. | Varchar2(6) |  |
|  | GUEST | Number of guests | Number(5,0) |  |
|  | PRINT\_TIMES | Number of times the pay check is printed | Number(5,0) |  |
|  | PRINT\_USER\_ID1 | Print User ID 1 | Varchar2(10) | Y |
|  | PRINT\_USER\_ID2 | Print User ID 2 | Varchar2(10) | Y |
|  | PRINT\_USER\_ID3 | Print User ID 3 | Varchar2(10) | Y |
|  | CURRENCY\_CODE | Currency Code | Varchar2(6) |  |
|  | BEVAMT | Beverage Sales Amount | Number(19,4) |  |
|  | FOODAMT | Food Sales Amount | Number(19,4) |  |
|  | SERVAMT | Service Charge Amount | Number(19,4) |  |
|  | DISC\_CODE | Discount Code | Varchar2(10) | Y |
|  | DISC\_RATIO | Discount Ratio | Number(19,4) |  |
|  | DISC\_AMT | Discount Amount | Number(19,4) |  |
| 1. 2 | TAX\_CODE | Tax Code | Varchar2(4) | Y |
|  | TAX\_AMT | Tax Amount | Number(19,4) |  |
|  | ORDER\_TYPE | Order type | Varchar2(4) |  |
|  | SP\_TRANS\_TYPE |  | Varchar2(4) | Y |
|  | TRANS\_TYPE | Transaction type | Varchar2(4) |  |
|  | CHARGE\_DEPT | Charging Department | Varchar2(6) | Y |
|  | CHARGE\_REASON | Charging Reason | Varchar2(4) | Y |
|  | CHARGE\_USER\_ID |  | Varchar2(10) | Y |
|  | OPEN\_TILL\_NO | Till machine on which the sales order is opened | Varchar2(4) |  |
|  | CLOSE\_TILL\_NO | Till machine on which the sales order is closed | Varchar2(4) |  |
|  | OPEN\_USER\_ID | User ID of staff who opens the sales order | Varchar2(10) |  |
|  | CLOSE\_USER\_ID | User ID of staff who closes the sales order | Varchar2(10) |  |
|  | CHECK\_IN\_DATE\_TIME | Sales order check-in date time | Datetime |  |
|  | CHECK\_OUT\_DATE\_TIME | Sales order check-out date time | Datetime |  |
|  | VOID\_FLAG | Void sales order flag | Varchar2(2) |  |
|  | VOID\_DATE\_TIME | Void sale date time | Datetime |  |
|  | VOID\_ID | Void ID | Varchar2(10) | Y |
|  | REASON\_CODE | Void reason | Varchar2(4) | Y |
|  | REMARKS01 | Remark 1 | Varchar2(60) | Y |
|  | REMARKS02 | Remark 2 | Varchar2(60) | Y |
|  | REMARKS03 | Remark 3 | Varchar2(60) | Y |
|  | DATA\_SOURCE | Data Source of the sales (e.g. “OM” for Order Management; “Lunch” for Lunch Box system) | Varchar2(4) |  |
|  | LAST\_UPDATE\_USER | Last update by (user id by which the convert process or adjustment is done) | Varchar2(10) |  |
|  | LAST\_UPDATE\_TIME | Last update date time | Datetime |  |
|  | WORKSTATION\_NAME | Server at which the convert process take place | Varchar2(60) |  |
|  | APP\_NAME | Program name of convert process | Varchar2(60) |  |
|  | RUNNO | Run ID of the convert process | Number(10,0) |  |
|  | STATUS | Whether or not the sales data is counted as store sales | Varchar2(2) | Y |

| ***MG\_SALES\_ITEM Table Fields Details*** | | | | |
| --- | --- | --- | --- | --- |
| ***Item*** | ***Field*** | ***Description(s)*** | ***Format (Length)*** | ***Optional*** |
| 1. 1 | BRANCH\_ID | Maxim’s branch ID for this virtual branch (The 5-digit branch ID that begin with “0”) | Varchar2(6) |  |
|  | BUSINESS\_DATE | Transaction Business Date | Datetime |  |
|  | ORDER\_NO | Transaction order no. | Varchar2(10) |  |
|  | ORDER\_SEQUENCE | Transaction order sequence | Number(5,0) |  |
|  | EVENT\_NO | Event Order no. | Varchar2(10) | Y |
|  | ITEM\_SEQUENCE | Transaction item sequence | Number(5,0) |  |
|  | SUBITEM\_SEQUENCE | Transaction item sub-sequence | Number(5,0) |  |
|  | ITEMNO | Item code | Varchar2(10) |  |
|  | CATEGORY | Item category | Varchar2(7) |  |
|  | ITEM\_DESCRIPTION | Item code description | Varchar2(60) |  |
|  | LIST\_PRICE | Listed Unit price | Number(19,4) |  |
|  | PRICE | Unit price | Number(19,4) |  |
|  | QTY | Transaction Quantity | Number(19,4) |  |
|  | ITEMTOT | Item sales total | Number(19,4) |  |
|  | SERVFLAG | Service type | Varchar2(2) |  |
|  | SETMENU | Set menu item code | Varchar2(10) | Y |
|  | SET\_FLAG | Set menu item indicator | Varchar2(2) |  |
|  | DISC\_CODE | Item Discount Code | Varchar2(10) | Y |
| 1. 2 | DISC\_RATIO | Item Discount Ratio | Number(19,4) |  |
|  | DISC\_AMT | Item Discount Amount | Number(19,4) |  |
|  | MODIFIED\_AMT | Modified Amount | Number(19,4) |  |
|  | COST | Item Cost | Number(19,4) |  |
|  | TAX\_CODE | Tax Code | Varchar2(4) | Y |
|  | TAX\_AMT | Tax Amount | Number(19,4) |  |
|  | ORDER\_TYPE | Order type | Varchar2(2) |  |
|  | TRANS\_TYPE | Transaction type | Varchar2(4) |  |
|  | TILL\_NO | Till machine on which the ordered item is made | Varchar2(4) |  |
|  | INPUT\_DATE\_TIME | Sales item input date time | Datetime |  |
|  | INPUT\_ID | User ID of staff who input the item | Varchar2(10) |  |
|  | VOID\_FLAG | Void sales item flag | Varchar2(2) |  |
|  | VOID\_DATE\_TIME | Void sale date time | Datetime |  |
|  | VOID\_ID | Void ID | Varchar2(10) |  |
|  | REASON\_CODE | Void reason | Varchar2(4) | Y |
|  | REMARKS01 | Remark 1 | Varchar2(60) | Y |
|  | REMARKS02 | Remark 2 | Varchar2(60) | Y |
|  | REMARKS03 | Remark 3 | Varchar2(60) | Y |
|  | DATA\_SOURCE | Data Source of the sales (e.g. “OM” for Order Management; “Lunch” for Lunch Box system) | Varchar2(4) |  |
|  | LAST\_UPDATE\_USER | Last update by (user id by which the convert process or adjustment is done) | Varchar2(10) |  |
|  | LAST\_UPDATE\_TIME | Last update date time | Datetime |  |
|  | WORKSTATION\_NAME | Server at which the convert process take place | Varchar2(60) |  |
|  | APP\_NAME | Program name of convert process | Varchar2(60) |  |
|  | RUNNO | Run ID of the convert process | Number(10,0) |  |
|  | STATUS | Whether or not the sales data is counted as store sales | Varchar2(2) | Y |

| ***MG\_SALES\_PAY Table Fields Details*** | | | | |
| --- | --- | --- | --- | --- |
| ***Item*** | ***Field*** | ***Description(s)*** | ***Format (Length)*** | ***Optional*** |
| 1. 1 | BRANCH\_ID | Maxim’s branch ID for this virtual branch (The 5-digit branch ID that begin with “0”) | Varchar2(6) |  |
|  | BUSINESS\_DATE | Transaction Business Date | Datetime |  |
|  | ORDER\_NO | Transaction order no. | Varchar2(10) |  |
|  | ORDER\_SEQUENCE | Transaction order sequence | Number(5,0) |  |
|  | EVENT\_NO | Event Order no. | Varchar2(10) | Y |
|  | PAYMENT\_SEQUENCE | Payment sequence | Number(5,0) |  |
|  | PAY\_TYPE | Payment Type | Varchar2(10) |  |
|  | POS\_PAY\_TYPE | POS Payment Type | Varchar2(10) |  |
|  | PAID\_QUANTITY | Paid quantity | Number(19,4) |  |
|  | PAID\_CURRENCY | Paid currency | Varchar2(6) |  |
|  | PAID\_AMOUNT | Paid amount | Number(19,4) |  |
|  | CHANGE |  | Number(19,4) |  |
|  | TIPS | Tips paid | Number(19,4) |  |
|  | LOCAL\_CURRENCY | POS local currency | Varchar2(6) |  |
|  | LOCAL\_AMOUNT | Paid amount in local currency | Number(19,4) |  |
|  | EXCHANGE\_RATE | Exchange rate to change Paid amount to Local amount | Number(19,4) |  |
|  | DISC\_TYPE | Payment discount type | Varchar2(10) |  |
|  | DISC\_AMT | Payment discount amount | Number(19,4) |  |
| 1. 2 | CARD\_TYPE | Card type (e.g. Visa, membership card, etc) | Varchar2(4) | Y |
|  | CARD\_NO | Card Number | Varchar2(20) | Y |
|  | CARD\_USER | Card holder name | Varchar2(60) | Y |
|  | REF\_NO | Reference No. | Varchar2(20) | Y |
|  | TRACE\_NO | Trace no. | Varchar2(20) | Y |
|  | APPROVAL\_CODE | Approval code | Varchar2(20) | Y |
|  | ORDER\_TYPE | Order type | Varchar2(2) | Y |
|  | TRANS\_TYPE | Transaction Type | Varchar2(4) | Y |
|  | TILL\_NO | Till machine on which the ordered item is made | Varchar2(4) |  |
|  | INPUT\_DATE\_TIME | Sales item input date time | Datetime |  |
|  | INPUT\_ID | User ID of staff who input the item | Varchar2(10) |  |
|  | VOID\_FLAG | Void sales item flag | Varchar2(2) |  |
|  | VOID\_DATE\_TIME | Void sale date time | Datetime |  |
|  | VOID\_ID | Void ID | Varchar2(10) | Y |
|  | REASON\_CODE | Void reason | Varchar2(4) | Y |
|  | REMARKS01 | Remark 1 | Varchar2(60) | Y |
|  | REMARKS02 | Remark 2 | Varchar2(60) | Y |
|  | REMARKS03 | Remark 3 | Varchar2(60) | Y |
|  | DATA\_SOURCE | Data Source of the sales (e.g. “OM” for Order Management; “Lunch” for Lunch Box system) | Varchar2(4) |  |
|  | LAST\_UPDATE\_USER | Last update by (user id by which the convert process or adjustment is done) | Varchar2(10) |  |
|  | LAST\_UPDATE\_TIME | Last update date time | Datetime |  |
|  | WORKSTATION\_NAME | Server at which the convert process take place | Varchar2(60) |  |
|  | APP\_NAME | Program name of convert process | Varchar2(60) |  |
|  | RUNNO | Run ID of the convert process | Number(10,0) |  |
|  | STATUS | Whether or not the sales data is counted as store sales | Varchar2(2) |  |

| ***MG\_SALES\_PAYFIG Table Fields Details*** | | | | |
| --- | --- | --- | --- | --- |
| ***Item*** | ***Field*** | ***Description(s)*** | ***Format (Length)*** | ***Optional*** |
| 1. 1 | BRANCH\_ID | Maxim’s branch ID | Varchar2(6) |  |
|  | BUSINESS\_DATE | Transaction Business Date | Date |  |
|  | RECTYPE | Record type | Varchar2(10) |  |
|  | RECDESC | Record type description | Varchar2(60) |  |
|  | CURRENCY\_CODE | Currency Code for the “total amount” | Varchar2(6) |  |
|  | TOTAL\_AMOUNT | Total amount for this Record type | Number(19,4) |  |
|  | QTY | Total quantity for this Record type | Number(19,4) |  |
|  | AUTHOR | Author | Varchar2(60) |  |
|  | LOCAL\_CURRENCY | Currency Code for the “local amount” | Varchar2(6) |  |
|  | LOCAL\_AMOUNT | Local amount for this Record type | Number(19,4) |  |
|  | EXCHANGE\_RATE | Exchange rate ( = Local currency amount / total amount) | Number(19,4) |  |
|  | INPUT\_DATE\_TIME | Input Date Time | Date |  |
|  | INPUT\_ID | Input ID | Varchar2(10) | Y |
|  | REASON\_CODE | Reason code | Varchar2(4) | Y |
|  | REMARKS01 | Remark 1 | Varchar2(60) | Y |
|  | REMARKS02 | Remark 2 | Varchar2(60) | Y |
|  | REMARKS03 | Remark 3 | Varchar2(60) | Y |
|  | DATA\_SOURCE | Data Source | Varchar2(4) |  |
| 1. 2 | LAST\_UPDATE\_USER | Last update user | Varchar2(10) |  |
|  | LAST\_UPDATE\_TIME | Last update time | Date |  |
|  | WORKSTATION\_NAME | Server at which the convert process take place | Varchar2(60) |  |
|  | APP\_NAME | Program name of convert process | Varchar2(60) |  |
|  | RUNNO | Run ID of the convert process | Number(10,0) |  |
|  | STATUS | Status code | Varchar2(2) |  |