

**Oracle® Utilities Work and Asset  
Management**

Business Intelligence User Guide

Release 1.8.1.5

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Oracle® Utilities Work and Asset Management User Guide - Release 1.8.1.5

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# Business Intelligence

Oracle Utilities Business Intelligence (BI) for Oracle Utilities Work and Asset Management uses extraction programs packaged with the Oracle Utilities Application Framework (OUAF). The extraction programs for Oracle Utilities Work and Asset Management are written in PL/SQL and are loaded into BI using OUAF.

Users can view batch control records, submit batch jobs and view the batch run tree using the Oracle Utilities Work & Asset Management application.

This section describes the configurations required in Oracle Utilities Work and Asset Management only. For complete Oracle Utilities Business Intelligence implementation and configuration guidelines refer to the online documentation within BI.

Note: It is recommended that you read this entire document before beginning installation.

## Extract Mapping

Extract mapping information is provided at the end of this document.

## Basic Steps to Get Started

1. **Enable the Oracle Utilities Work and Asset Management BI database triggers using Installation Parameters.**
2. **Setup the BI Batch procedure, SDBP\_BI\_EXTRACT\_HANDLER, in the Job Manager module.**
3. **Configure the OUBI Setup Business Rule.**
4. **Verify sequence numbering for SA\_CHANGE\_LOG in the Sequence Numbering module.**
5. **Run the batch procedure, SDBP\_BI\_EXTRACT\_HANDLER.**

## Multiple Plants

If you have multiple plants all configuration settings must be configured and executed separately for each.

## Extract Output

A folder for the extraction file output is required to be created on the database server using the database server operating system. This directory is referred to as the “BI Extract output folder”. A database object called a “Directory” needs to be created to point to this folder on the database server file system.

### Default

The installation includes a pre-configured database directory object that is defaulted to “c:\bi\_extract”. This serves as a target folder for extracted files. **SD\_BI\_OUTBOUND** is the directory object in the database that maps to the output directory folder for the BI extracts.

### Override the Default

This default can be overridden at the database level by running the following script:

```
CREATE OR REPLACE DIRECTORY sd_bi_outbound AS '<operating system folder
name>'
/
```

### Steps to Create the Database Object

1. The Directory object must be created by a user with DBA privileges.
2. Create the directory object referencing your output folder.  
To [override the default](#), run the script indicated above.
3. Grant privileges to the Directory to the user that will be executing the extract routines. This is the same user that will be creating the objects in the Oracle Utilities Work and Asset Management Job Scheduler.

```
grant read on directory SD_BI_OUTBOUND to synergen;

grant write on directory SD_BI_OUTBOUND to synergen;
```

### Batch Procedure

The batch procedure, SDBP\_BI\_EXTRACT\_HANDLER, handles and calls all of the extract programs. You can monitor this processing in the Job Manager and the Job Manager Log modules. SDBP\_BI\_EXTRACT\_HANDLER also handles incrementing the value of the sequence number whenever an incremental extract is requested.

### Business Rules

#### OUBI Setup Rule

Key Name	Value	Value2	Value3	Value
▲ COMMON EXTRACT PARAMETERS		SD_BI_OUTBOUND	3	INI
▢ OUBI EXTRACT ASSET	ON	D_ASSET_EXT		
▢ OUBI FISCAL PER	ON	D_FISCAL_EXT		
▢ OUBI INV SNAPSHOT	ON	F_STRM_INV_EXT	D	1
▢ OUBI OPER ACCT	ON	D_OP_ACCT_EXT		
▢ OUBI OPER ACCT TRANS	ON	F_OP_ACTG_EXT		
▢ OUBI OPER ACCT TRANS TYPE	ON	D_OP_ACTG_TY_EX		
▢ OUBI OPER EXPENSE	ON	D_OP_EXP_EXT		
▢ OUBI OPER UOM	ON	D_OP_UOM_EXT		
▢ OUBI STOCK ITEM	ON	D_STOCK_ITEMTY_EX		
▢ OUBI STORERM TRANS TYPE	ON	D_STRM_TR_TY_EX		
▢ OUBI STOREROOM	ON	D_STRM_EXT		
▼ OUBI STOREROOM TRANS	ON	F_STRM_TR_EXT		

Description  
Common Extract Parameters

Configure settings to determine which extracts will be completed during regular processing. This rule can also be used to define extraction details such as data source, file names and the output directory. If desired, any extract can be turned OFF so that it is not included in the overall extraction.

#### Common Extract Parameters

The first rule key, COMMON EXTRACT PARAMETERS, defines parameters for all of the extracts that are turned ON. The key values for this rule key differ slightly from the key values for the remaining rule keys.

**Value** is left blank for this rule key.

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**Value2** is the name of the directory object in the database. This corresponds to the output folder of the extract, SD\_BI\_OUTBOUND.

**Value3** is the Data Source Indicator. Default value is '3'

**Value4** controls which type of extract will be executed. A value of INI means the extract will produce an Initial Extract, an INC means an Incremental Extract. The default value is INI.

After an Initial Extract, the value is automatically updated to INC by SDBP\_BI\_EXTRACT\_HANDLER so that the succeeding extracts are incremental.

#### *General Key Names and Values*

**Value** controls whether the extract is executed. Default value is ON.

**Value2** is the base extract file name. This is the extract identifier used in building the names of the extract files.

**Value3 and Value4** only apply to the Key Name OUBI INV SNAPSHOT. The goal of this metric is to compare inventory levels of like stock items based on periodic snapshots of the quantities in the storeroom. This is not a metric used to compare inventory movement because it does not deal with the transaction volume.

This requires two parameters to be passed to the procedures:

**Value3** - Type of Increment - Monthly or Daily

**Value4** - Number of Historical Snapshots - Any number

### **Sequence Numbering**

Sequence Numbering must be turned on for SA\_CHANGE\_LOG to control the batch number field of the SA\_CHANGE\_LOG table. The Oracle Utilities Business Intelligence triggers use the value of this sequence number to uniquely identify records inserted into the SA\_CHANGE\_LOG table.

### **Initial Load and Incremental Load**

Settings for the OUBI Setup Business Rule COMMON EXTRACT PARAMETERS rule key determine how the data is initially loaded as well as the incremental data loads.

#### **Initial Load**

The Initial Load of the extracts will query ALL records from the target tables and sends the entire set of source data to BI. This load is filtered by PLANT. There is no additional filtering applied to the source information. For example, the Account Transactions Extract targets the SA\_ACCOUNT\_LOG table as the source information. The initial load will take all records in the SA\_ACCOUNT\_LOG table and send the records to BI.

If you need to extract records from another plant, the batch job, SDBP\_BI\_EXTRACT\_HANDLER, must be for the other PLANT and executed. Same with the Incremental extracts.

#### **Incremental Load**

The Incremental Load is based on information found in the SA\_CHANGE\_LOG table.

Records are inserted into this table from a set of BI extract database triggers placed on various tables in Oracle Utilities Work and Asset Management. The incremental extracts begin to have data in the files after the BI triggers have been enabled in the Oracle Utilities Work and Asset Management database schema. If a record is recorded in the SA\_CHANGE\_LOG, a transaction is set to BI.

### **Error Handling**

Errors will not occur unless there is a problem with the extracted data or with configuration settings. If errors are encountered, they will be noted in the Job Manager Log module. Correct any errors then re-run an Initial Load.

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### To Rerun an Initial Load

1. Open the OUBI Setup Business Rule.
2. Set the Common Extract Parameters rule key to 'INI.'
3. Execute the batch job, SDBP\_BI\_EXTRACT\_HANDLER.

After an Initial Extract, the business rule value is automatically updated to INC by SDBP\_BI\_EXTRACT\_HANDLER so that the succeeding extracts are incremental.

### File Name Conventions and Outputs

File Names follow the standard naming convention expected by OUBI. The OUBI Setup Business Rule handles the prefix file name for all the extracts. This is the value under the Value2 column. These filenames cannot be modified. The structure is indicated here to provide insight into how information can be determined from the file name.

Example: EXT DASSE0000030000000021001.<extension name>

- Extract Identifier: No limit on the size
- Data Source Indicator: Next 6 characters
- Batch Number: Next 10 characters
- Thread Number: Next 3 characters

Each extract produces two files: \*.DAT and \*.CTL.

- **DAT** files contain the actual extract data from the Oracle Utilities Work and Asset Management tables.
- **CTL** files are used by Oracle Utilities BI for log and upload trace details. The file contains one line of information which consists of:
  - Batch Code: First 8 characters
  - Data Source Indicator: Next 6 characters
  - Batch Number: Next 10 characters
  - Thread Number: Next 10 characters
  - Line Count (on the DAT file): Next 10 characters
  - Batch Code Description: Next 60 characters

### SABI Triggers

SABI triggers insert data into the SA\_CHANGE\_LOG table in preparation for extraction. The triggers use sequence number settings to determine the next batch number for the extraction.

The following triggers are used:

bi_adiu_acct_data	bi_adiu_actg_log
bi_adiu_actperdates	bi_adiu_asset
bi_adiu_assetdown	bi_adiu_auth_stt
bi_adiu_catalog	bi_adiu_dept
bi_adiu_dept_oa	bi_adiu_failure
bi_adiu_op_actg_tr_ty	bi_adiu_ouom
bi_adiu_repair	bi_adiu_rootcause
bi_adiu_rule_key_oex	bi_adiu_rulekey_stt
bi_adiu_storeroom	bi_adiu_strm_setup
bi_adiu_strm_trans	bi_adiu_tracwrkordtcr
bi_adiu_tracwrkordtpl	bi_adiu_wrkord

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bi_adiu_acct_data	bi_adiu_actg_log
bi_adiu_wrkordadjust	bi_adiu_wrkordlbr
bi_adiu_wrkordmat	bi_adiu_wrkordrequire
bi_adiu_wrkordservcont	bi_adiu_wrkordtask
bi_adiu_wrkordtfail	bi_adiu_wrkordty

### **Extracts**

The following section maps the extract program to the data that it handles as well as the view, batch procedure and trigger that are used to complete the extraction.

Please refer to the extract mapping document titled, WAM BI Extract Mapping for more information.

### **To Review the Columns that are Extracted**

Access the database and describe the definition of the view. From there you can see the specific columns that comprise the view.

For example, in SQL Plus:

```
SELECT
*
FROM SYNERGEN.SV_BI_EXTRACT_EXTDFAIL Vw
```

Oracle Utilities Work and Asset Management Business Intelligence - Codes

Batch CODE	Table Name/Trigger Name	PK1	PK2	PK3	Extract Name
EXTDASSE	sa_asset (sabi_asset.sql)	asset_id	asset_record_type	plant	bi_adiau_ext_asset
EXTDFAIL	sa_authority (sabi_failure.sql)	table_no	code	plant	bi_adiau_ext_wotask_fail
EXTDFPER	sa_account_period_dates (sabi_actperdates.sql)	period_year	period_month	plant	bi_adiau_ext_fiscal_per
EXTDOATT	sa_authority (sabi_op_actg_tr_ty.sql)	table_no	code	plant	bi_adiau_ext_op_acct_tran_type
EXTDOPAC	sa_account_data (sabi_acct_data.sql)	account_no	plant		bi_adiau_ext_op_acct
EXTDOPEX	sa_rule_key (sabi_rule_key_oex.sql)	rule_id	key_name	plant	bi_adiau_ext_op_expense
EXTDOUOM	sa_authority (sabi_ouom.sql)	table_no	code	plant	bi_adiau_ext_op_uom
EXTDREPR	sa_authority (sabi_repair.sql)	table_no	code	plant	bi_adiau_ext_wotask_repair
EXTDROOT	sa_authority (sabi_rootcause.sql)	table_no	code	plant	bi_adiau_ext_wotask_root_cause
EXTDSITE	sa_catalog (sabi_catalog.sql)	stock_code	plant		bi_adiau_ext_stock_item
EXTDSTRM	sa_storeroom_setup (sabi_strm_setup.sql)	storeroom	plant		bi_adiau_ext_inv_storeroom
EXTDSTTT	sa_authority (sabi_auth_stt.sql)	table_no	code	plant	bi_adiau_ext_storerm_trans_type
EXTDWOTY	sa_authority (sabi_wrkordty.sql)	table_no	code	plant	bi_adiau_ext_wo_type
EXTDWRKC	sa_crew (sabi_tracwrkordtcr.sql)	crew	plant		bi_adiau_ext_wotask_crew
EXTDWRKP	sa_rule_key (sabi_tracwrkordtpl.sql)	rule_id	key_name	plant	bi_adiau_ext_wotask_planner
EXTFOPAT	sa_account_log (sabi_actg_log.sql)	transaction_id			bi_adiau_ext_op_acct_trans
EXTFSTOR					bi_adiau_ext_inv_snapshot
EXTFSTTR	sa_storeroom_log (sabi_strm_trans.sql)	transaction_id			bi_adiau_ext_storeroom_trans
EXTFWRKT	sa_work_order_task (sabi_wrkordtask.sql)	work_order_no	plant	work_order_task_no	bi_adiau_ext_wotask
	sa_work_order_task_failure/sabi_wrkordtfail	work_order_no	plant	work_order_task_no	bi_adiau_ext_wotask
	sa_work_order_adjustment/sabi_wrkordadjust	work_order_no	plant	work_order_task_no	bi_adiau_ext_wotask
	sa_work_order_labor/sabi_wrkordlbr	work_order_no	plant	work_order_task_no	bi_adiau_ext_wotask
	sa_work_order_material/sabi_wrkordmat	work_order_no	plant	work_order_task_no	bi_adiau_ext_wotask
	sa_work_order_requirement/sabi_wrkordrequire	work_order_no	plant	work_order_task_no	bi_adiau_ext_wotask
	sa_work_order_service_contract/sabi_wrkordservcont	work_order_no	plant	work_order_task_no	bi_adiau_ext_wotask



<b>Column Mapping for the WAM BI extracts for the Accounting Transactions Fact - EXTFOPAT</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTFOPAT</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Account Log ID	sa_account_log	10, padded right, TRANSACTION_ID
4	Currency Code	sa_plant	3, padded right, LOCAL_CURRENCY_CODE
5	Operational Account ID	sa_account_log	78, padded right, PLANT+ACCOUNT_NO (3 character + 75 character)
6	Operational Expense ID	sa_account_log	16, padded right, PLANT+EXPENSE_CODE (3 character + 10 character)
7	Operational Accounting Transaction Type Code	sa_account_log	2, padded right, TRANSACTION_TYPE
8	Fiscal Calendar Code	sa_plant	16, padded right, SA_PLANT.FISCAL_CALENDAR_CODE
9	Fiscal Period Code	sa_account_log	2, padded right, PERIOD_MONTH
10	Fiscal Period Year	sa_account_log	4, padded right, PERIOD_YEAR
11	Transaction Date	sa_account_log	8, YYYYMMDD
12	Asset ID	sa_account_log	20, padded right, PLANT+ASSET_ID+ASSET_RECORD_TYPE (3 character + 15 character + 1 character)
13	Transaction Amount	sa_account_log	16, padded right, 99999999999999V99, TRANSACTION_AMOUNT
14	Transaction Hours	sa_account_log	11, padded left, 9zV9z, TRANSACTION_HOURS
15	UDD1		Spaces
16	UDD2		Spaces
17	UDM1		19 (16.2), 9zV9z, 0
18	UDM2		19 (16.2), 9zV9z, 0
19	UDM3		19 (16.2), 9zV9z, 0
20	UDM4		19 (16.2), 9zV9z, 0
21	UDM5		19 (16.2), 9zV9z, 0
22	UDDGEN1		8, padded right, empty spaces
23	UDDGEN2		8, padded right, empty spaces
24	UDDGEN3		8, padded right, empty spaces
25	Data Source Indicator		6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Storeroom Snapshot Fact - EXTFSTOR</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTFSTOR_INC SV_BI_EXTRACT_EXTFSTOR_INI</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Stock Item Type ID	sa_storeroom	18, padded right, PLANT+STOCK_CODE
4	Storeroom ID	sa_storeroom	16, padded right, PLANT+STOREROOM
5	Currency Code	sa_plant	3, padded right, LOCAL_CURRENCY_CODE
6	Unit of Measure	sa_catalog	4, padded right, UNIT_OF_ISSUE
7	Total Value	sa_storeroom	16, padded right, 9999999999999999V99; if the first snapshot, then TOTAL_VALUE, otherwise TOTAL_VALUE+NET_ADJUSTMENT_AMOUNT
8	Quantity on Hand	sa_storeroom	16 (10.5), padded right, S9zV9z; if the first snapshot, then INVENTORY_QUANTITY, otherwise INVENTORY_QUANTITY+TRANSACTION_QUANTITY
9	Quantity on Demand	sa_storeroom	16 (10.5), padded right, S9zV9z; if the first snapshot, then ON_DEMAND_QUANTITY, otherwise 0
10	Quantity Over Maximum	sa_storeroom	16 (10.5), padded right, S9zV9z; if the first snapshot, then QUANTITY_OVER_MAX, otherwise 0
11	Value Over Maximum	sa_storeroom	16 (10.5), padded right, S9zV9z; if the first snapshot, then VALUE_OVER_MAX, otherwise 0
12	Snapshot Type Code	sa_rule_key.key_value3 where rule_id = 'OUBI SETUP' and key_name = 'OUBI INV SNAPSHOT'	
13	Snapshot Date	sysdate	*8, padded right, YYYYMMDD
14	Operational Accounting ID	sa_storeroom	78, padded right, ASSET_ACCOUNT_NO
15	UDM1		19, padded right
16	UDM2		19, padded right
17	UDM3		19, padded right
18	UDM4		19, padded right
19	UDM5		19, padded right
20	UDD1		16, padded right
21	UDD2		16, padded right
22	UDDGEN1		8, padded right, empty string

Column Mapping for the WAM BI extracts for the Storeroom Snapshot Fact - EXTFSTOR			
Driving Database View: SV_BI_EXTRACT_EXTFSTOR_INC SV_BI_EXTRACT_EXTFSTOR_INI			
Column	BI Column Name	WAM Source Table	WAM Source Description
23	UDDGEN2		8, padded right, empty string
24	UDDGEN3		8, padded right, empty string
25	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Storeroom Transactions Fact - EXTFSTTR</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTFSTTR</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Storeroom Transaction ID	sa_storeroom_log	10, padded with zeroes from left, TRANSACTION_ID
4	Currency Code	sa_plant	3, padded right, LOCAL_CURRENCY_CODE
5	Storeroom Transaction Type Code	sa_storeroom_log	16, padded right, TRANSACTION_TYPE
6	Storeroom ID	sa_storeroom_log	16, padded right, PLANT+STOREROOM (3 characters + 3 characters)
7	Stock Item Type ID	sa_storeroom_log	18, padded right, PLANT+STOCK_CODE (3 characters + 15 characters)
8	Unit of Measure (UOM)	sa_catalog	4, padded right, UOM
9	Transaction Date	sa_storeroom_log	8, padded right, YYYYMMDD, TRANSACTION_DATE
10	Transaction Amount	sa_storeroom_log	16, padded right, 999999999999V99, TRANSACTION_AMOUNT
11	Transaction Quantity	sa_storeroom_log	16 (10.5), padded left, 9zV9z, TRANSACTION_QUANTITY
12	Stock Out Indicator	sa_storeroom_log	1, STOCK_OUT_IND
13	UDM1		19, padded right
14	UDM2		19, padded right
15	UDM3		19, padded right
16	UDM4		19, padded right
17	UDM5		19, padded right
18	UDD1 Code		16, padded right
19	UDD2 Code		16, padded right
20	UDDGEN1		8, padded right, empty string
21	UDDGEN2		8, padded right, empty string
22	UDDGEN3		8, padded right, empty string
23	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Work Order Task Fact - EXTFWRKT</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTFWRKT</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Work Order Task ID	sa_work_order_task or sa_work_history_task	16, padded right, PLANT+WORK_ORDER_NO+ WORK_ORDER_TASK_NO
4	Currency Code	sa_plant	3, padded right, LOCAL_CURRENCY_CODE
5	Asset ID	sa_work_order_task or sa_work_history_task	20, padded right, PLANT+ASSET_ID+ASSET_RECORD_TYPE
6	Planner ID	sa_work_order_task or sa_work_history_task	16, padded right, PLANT+PLANNER
7	Crew ID	sa_work_order_task or sa_work_history_task	16, padded right, PLANT+CREW
8	Work Order Type Code	sa_work_order or sa_work_history	4, padded right, WORK_TYPE
9	Finish Date	sa_work_order_task or sa_work_history_task	8, YYYYMMDD, ACTUAL_FINISH_DATE
10	Close Date	sa_work_order or sa_work_history	8, YYYYMMDD, CLOSED_DATE
11	Estimated Total Amount	sv_work_order_task_amt	16, 99999999999999V99, ESTIMATEDTOTAMT
12	Actual Total Amount	sv_work_order_task_amt	16, 99999999999999V99, ACTUALTOTAMT
13	Estimated Labor Amount	sv_work_order_task_amt	16, 99999999999999V99, ESTIMATEDLBRAMT
14	Actual Labor Amount	sv_work_order_task_amt	16, 99999999999999V99, ACTUALLBRAMT
15	Estimated Labor Hours	sv_work_order_task_amt	16, 99999999999999V99, ESTIMATEDLBRHRS
16	Actual Labor Hours	sv_work_order_task_amt	16, 99999999999999V99, ACTUALLBRHRS
17	Estimated Materials Amount	sv_work_order_task_amt	16, 99999999999999V99, ESTIMATEDMATAMT
18	Actual Materials Amount	sv_work_order_task_amt	16, 99999999999999V99, ACTUALMATAMT
19	Estimated Contract Services Amount	sv_work_order_task_amt	16, 99999999999999V99, ESTIMATEDCONSERVAMT
20	Actual Contract Services Amount	sv_work_order_task_amt	16, 99999999999999V99, ACTUALCONSERVAMT

Column Mapping for the WAM BI extracts for the Work Order Task Fact - EXTFWRKT			
Driving Database View: SV_BI_EXTRACT_EXTFWRKT			
Column	BI Column Name	WAM Source Table	WAM Source Description
21	Estimated Other Amount	sv_work_order_task_amt	16, 9999999999999999V99, ESTIMATEDOTHERAMT
22	Actual Other Amount	sv_work_order_task_amt	16, 9999999999999999V99, ACTUALOTHERAMT
23	Actual Adjustment Amount	sv_work_order_task_amt	16, 9999999999999999V99, ACTUALADJUSTMENTAMT
24	Late Code	sa_work_order_task or sa_work_history_task	1, padded right, if ACTUAL_FINISH_DATE is after TASK_REQUIRED_DATE, then set to "Y", otherwise set to "N"
25	UDM1	sa_work_order_task or sa_work_history_task	19, padded right, 9zV9z, the number of days the ACTUAL_FINISH_DATE is past the TASK_REQUIRED_DATE. Only if the dates are not null and the finish is later than the required date. Use 0 otherwise.
26	UDM2	ACTAUL_FINISH_DATE sa_work_order_task or sa_work_history_task  CLOSED_DATE sa_work_order or sa_work_history	19, padded right, 9zV9z, the number of days the CLOSED_DATE is past the ACTUAL_FINISH_DATE. Only if the dates are not null and the closed date is later than the finish date. Use 0 otherwise.
27	UDM3		19, padded right, 9zV9z, set to 1 if DOWNTIME_SCHEDULED_IND is "Y", 0 otherwise. This field comes from SA_ASSET_DOWNTIME using the PLANT, ASSET_RECORD_TYPE, ASSET_ID, and WORK_ORDER_NO keys.
28	UDM4		19, padded right, 9zV9z, 0 value
29	UDM5		19, padded right, 9zV9z, 0 value
30	Failure ID	sa_work_order_task_failure	16, padded right, PLANT+FAILURE_CODE
31	Repair ID	sa_work_order_task_failure	16, padded right, PLANT+REPAIR_CODE
32	Root Cause ID	sa_work_order_task_failure	16, padded right, PLANT+ROOT_CAUSE
33	UDD1		16, padded right, 0 value
34	UDD2		16, padded right, 0 value
35	Account ID	sa_work_order_task or sa_work_history_task	78, padded right, PLANT+ACCOUNT_NO
36	UDDGEN1		8, padded right, empty string
37	UDDGEN2		8, padded right, empty string
38	UDDGEN3		8, padded right, empty string
39	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Asset Dimension - EXT DASSE</b>			
<b>Driving Database View: SV BI_EXTRACT_EXT DASSE</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Asset ID	sa_asset	20 characters, padded right, PLANT+ASSET_ID+ASSET_RECORD_TYPE
4	Asset Code	sa_asset	20 characters, padded right, PLANT+ASSET_ID+ASSET_RECORD_TYPE
5	Asset Description	sa_asset	60 characters, padded right, replace all carriage return/line feeds with empty space, truncated ASSET_DESC
6	Asset Information	sa_asset	254 characters, padded right, replace all carriage return/line feeds with spaces, truncated ASSET_DESC
7	UDF1 Code	sa_asset	ASSET_CLASS, 30 characters, padded right
8	UDF1 Description	sa_asset_class	ASSET_CLASS_DESCRIPTION, 60 characters, padded right
9	UDF2 Code	sa_asset	CRITICALITY, 30 characters, padded right
10	UDF2 Description	sa_authority	CODE_DESC, 60 characters, padded right, description associated with the the description from Code Table 40
11	UDF3 Code	sa_asset	BUILDING, 30 characters, padded right
12	UDF3 Description	sa_authority	CODE_DESC 60 characters, padded right, description associated with the the description from Code Table 25
13	UDF4 Code	sa_asset	LOCATION, 30 characters, padded right
14	UDF4 Description	sa_authority	CODE_DESC, 60 characters, padded right, description associated with the the description from Code Table 231
15	UDF5 Code	sa_asset	PROCESS_NO, 30 characters, padded right
16	UDF5 Description	sa_asset	ASSET_DESC, 60 characters, padded right, description associated with the value returned from sa_asset.
17	UDF6 Code	sa_asset	ASSET_RECORD_TYPE, 30 characters, padded right
18	UDF6 Description	sa_authority	CODE_DESC, 60 characters, padded right, description associated with the description from Code Table 230
19	UDF7 Code	sa_asset	PLANT, 30 characters, padded right
20	UDF7 Description	sa_plant	PLANT_DESC, 60 characters, padded right,
21	UDF8 Code	sa_plant	ORGANIZATION, 30 characters, padded right
22	UDF8 Description	sa_organization	ORGANIZATION_DESC, 60 characters, padded right
23	UDF9 Code	sa_plant	COMPANY, 30 characters, padded right
24	UDF9 Description	sa_company	COMPANY_DESC, 60 characters, padded right

<b>Column Mapping for the WAM BI extracts for the Asset Dimension - EXTDASSE</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTDASSE</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
25	UDF10 Code		(none), 30 characters, unmapped
26	UDF10 Description		(none), 60 characters, unmapped
27	Data Source Indicator	constant	6, 0 padded left, default "3"



<b>Column Mapping for the WAM BI extracts for the Work Failure Codes Dimension - EXTDFAIL</b>			
<b>Based on information from Code Table 10</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTDFAIL</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Work Order Task Failure Code	sa_authority	16 characters, padded right, CODE
4	Work Order Task Failure Description	sa_authority	60 characters, padded right, replace all carriage return/line feeds with spaces, CODE_DESC
5	Work Order Task Failure ID	sa_authority	16 characters, padded right, PLANT+CODE
6	UDF1 Code	sa_authority	PLANT, 30 characters, padded right
7	UDF1 Description	sa_plant	PLANT_DESC, 60 characters, padded right
8	UDF2 Code		(none), 30 characters, unmapped
9	UDF2 Description		(none), 60 characters, unmapped
10	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Fiscal Periods Dimension - EXTDFPER</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTDFPER</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Fiscal Calendar Code	sa_plant	16 characters, padded right, FISCAL_CALENDAR_CODE
4	Fiscal Calendar Description	constant	60 characters, padded right Keyword = 'Fiscal Calendar '
5	Fiscal Year	sa_accounting_period_dates	4 characters, padded right, PERIOD_YEAR
6	Fiscal Period Code	sa_accounting_period_dates	3 characters, padded right, PERIOD_MONTH
7	Fiscal Period Description	sa_accounting_period_dates	60 characters, padded right, PERIOD_MONTH+ "-" + FISCAL_YEAR
8	Period Start Date	sa_accounting_period_dates	8, padded right, YYYYMMDD, START_DATE
9	Period End Date	sa_accounting_period_dates	8, padded right, YYYYMMDD, END_DATE
10	UDF1 Code		(none), 30 characters, unmapped
11	UDF1 Description		(none), 60 characters, unmapped
12	UDF2 Code		(none), 30 characters, unmapped
13	UDF2 Description		(none), 60 characters, unmapped
14	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Account Transaction Types Dimension - EXTDOATT</b> Based on information from Code Table 146			
<b>Driving Database View: SV_BI_EXTRACT_EXTDOATT</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Transaction Type Code	sa_authority	4 characters, padded right, CODE
4	Transaction Type Description	sa_authority	60 characters, padded right, replace all carriage return/line feeds with spaces, CODE_DESC
5	UDF1 Code		(none), 30 characters, unmapped
6	UDF1 Description		(none), 60 characters, unmapped
7	UDF2 Code		(none), 30 characters, unmapped
8	UDF2 Description		(none), 60 characters, unmapped
9	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Operation Accounts Dimension - EXTDOPAC</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTDOPAT</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Account ID	sa_account_data	78, padded right, PLANT+ACCOUNT_NO
4	Account Code	sa_account_data	78, padded right, PLANT+ACCOUNT_NO
5	Account Description	sa_account_data	60 characters, padded right, replace all carriage return/line feeds with spaces, ACCOUNT_DESC
6	UDF1 Code	sa_account_data	AREA, 30 characters, padded right
7	UDF1 Description	sa_area	AREA_DESC, 60 characters, padded right
8	UDF2 Code	sa_account_data	PLANT, 30 characters, padded right
9	UDF2 Description	sa_plant	PLANT_DESC, 60 characters, padded right
10	UDF3 Code	sa_plant	ORGANIZATION, 30 characters, padded right
11	UDF3 Description	sa_organization	ORGANIZATION_DESC, 60 characters, padded right
12	UDF4 Code	sa_plant	COMPANY, 30 characters, padded right
13	UDF4 Description	sa_company	COMPANY_DESC, 60 characters, padded right
14	UDF5 Code	sa_account_data	DEPARTMENT\$1, 30 characters, padded right
15	UDF5 Description	sa_department	DEPARTMENT_DESC, 60 characters, padded right
16	UDF6 Code	derived from sa_department based on the parent_department of department\$1	DEPARTMENT\$2, 30 characters, padded right
17	UDF6 Description	sa_department	DEPARTMENT_DESC, 60 characters, padded right
18	UDF7 Code	derived from sa_department based on the parent_department of department\$2	DEPARTMENT\$3, 30 characters, padded right
19	UDF7 Description	sa_department	DEPARTMENT_DESC, 60 characters, padded right
20	UDF8 Code		(none), 30 characters, unmapped
21	UDF8 Description		(none), 60 characters, unmapped
22	UDF9 Code		(none), 30 characters, unmapped
23	UDF9 Description		(none), 60 characters, unmapped
24	UDF10 Code		(none), 30 characters, unmapped
25	UDF10 Description		(none), 60 characters, unmapped
26	UDF11 Code		(none), 30 characters, unmapped
27	UDF11 Description		(none), 60 characters, unmapped
28	UDF12 Code		(none), 30 characters, unmapped
29	UDF12 Description		(none), 60 characters, unmapped
30	UDF13 Code		(none), 30 characters, unmapped

<b>Column Mapping for the WAM BI extracts for the Operation Accounts Dimension - EXTDOPAC</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTDOPAT</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
31	UDF13 Description		(none), 60 characters, unmapped
32	UDF14 Code		(none), 30 characters, unmapped
33	UDF14 Description		(none), 60 characters, unmapped
34	UDF15 Code		(none), 30 characters, unmapped
35	UDF15 Description		(none), 60 characters, unmapped
36	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Expense Code Dimension - EXTDOPEX</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTDOPEX</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Expense ID	sa_rule_key based on Rule ID = 'EXPENSE CODES'	34, padded right, PLANT+KEY_NAME (expense code)
4	Expense Code	sa_rule_key based on Rule ID = 'EXPENSE CODES'	30, padded right, PLANT+KEY_NAME (expense code)
5	Expense Description	sa_rule_key based on Rule ID = 'EXPENSE CODES'	60 characters, padded right, replace all carriage return/line feeds with spaces, KEY_DESC
6	UDF1 Code	sa_rule_key based on Rule ID = 'EXPENSE CODES'	PLANT, 30 characters, padded right
7	UDF1 Description	sa_plant	PLANT_DESC, 60 characters, padded right
8	UDF2 Description	sa_rule_key based on Rule ID = 'EXPENSE CODES'	30, padded right, KEY_VALUE
9	UDF2 Code	sa_rule_key based on Rule ID = 'EXPENSE CODES'	60, padded right, INITCAP(KEY_VALUE)
10	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Unit of Measure Dimension - EXTDOUOM</b> <b>Based on information from Code Table 23</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTDOUOM</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	UOM Code	sa_authority	4 characters, padded right, CODE
4	UOM Code Description	sa_authority	60 characters, padded right, replace all carriage return/line feeds with spaces, CODE_DESC
9	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Work Failure Codes Dimension - EXTREPR</b>			
<b>Based on information from Code Table 9</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTREPR</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Repair Code	sa_authority	16 characters, padded right, CODE
4	Repair Description	sa_authority	60 characters, padded right, replace all carriage return/line feeds with spaces, CODE_DESC
5	Repair ID	sa_authority	16 characters, padded right, PLANT+CODE
6	UDF1 Code	sa_authority	PLANT, 30 characters, padded right
7	UDF1 Description	sa_plant	PLANT_DESC, 60 characters, padded right
8	UDF2 Code		(none), 30 characters, unmapped
9	UDF2 Description		(none), 60 characters, unmapped
10	Data Source Indicator	constant	6, 0 padded left, default "3"



<b>Column Mapping for the WAM BI extracts for the Root Cause Codes Dimension - EXTDROOT</b>			
<b>Based on information from Code Table 52</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTDROOT</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Root Cause Code	sa_authority	16 characters, padded right, CODE
4	Root Cause Description	sa_authority	60 characters, padded right, replace all carriage return/line feeds with spaces, CODE_DESC
5	Root Cause ID	sa_authority	16 characters, padded right, PLANT+CODE
6	UDF1 Code	sa_authority	PLANT, 30 characters, padded right
7	UDF1 Description	sa_plant	PLANT_DESC, 60 characters, padded right
8	UDF2 Code		(none), 30 characters, unmapped
9	UDF2 Description		(none), 60 characters, unmapped
10	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Stock Items Dimension - EXTDSITE</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTDSITE</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Stock Item Type ID	sa_catalog	18, padded right, PLANT+STOCK_CODE
4	Stock Item Type Code	sa_catalog	18, padded right, PLANT+STOCK_CODE
5	Stock Item Type Description	sa_catalog	60 characters, padded right, replace all carriage return/line feeds with spaces, STOCK_DESC
6	Stock Item Type Info	sa_catalog	254 characters, padded right, replace all carriage return/line feeds with spaces, STOCK_DESC
7	UDF1 Code	sa_catalog	STOCK_TYPE, 30 characters, padded right
8	UDF1 Description		CODE_DESC, 60 characters, padded right
9	UDF2 Code	sa_catalog	STOCK_CLASS, 30 characters, padded right
10	UDF2 Description	sa_authority	CODE_DESC, 60 characters, padded right, description associated with Code Table 212
11	UDF3 Code	sa_catalog	COMMODITY_CATEGORY, 30 characters, padded right
12	UDF3 Description	sa_authority	CODE_DESC, 60 characters, padded right, description associated with Code Table 212
13	UDF4 Code	sa_catalog	COMMODITY_NAME, 30 characters, padded right
14	UDF4 Description	sa_authority	CODE_DESC, 60 characters, padded right, description associated with Linked Code Table.
15	UDF5 Code	sa_catalog	COMMODITY_TYPE, 30 characters, padded right
16	UDF5 Description	sa_authority	CODE_DESC, 60 characters, padded right, description associated with Linked Code Table.
17	UDF6 Code	sa_catalog	PLANT, 30 characters, padded right
18	UDF6 Description	sa_plant	PLANT_DESC, 60 characters, padded right
19	UDF7 Code	sa_plant	ORGANIZATION, 30 characters, padded right
20	UDF7 Description	sa_organization	ORGANIZATION_DESC, 60 characters, padded right
21	UDF8 Code	sa_plant	COMPANY, 30 characters, padded right
22	UDF8 Description	sa_company	COMPANY_DESC, 60 characters, padded right
23	UDF9 Code		(none), 30 characters, unmapped
24	UDF9 Description		(none), 60 characters, unmapped
25	UDF10 Code		(none), 30 characters, unmapped
26	UDF10 Description		(none), 60 characters, unmapped
27	Data Source Indicator		6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Storeroom Dimension - EXTOSTRM</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTOSTRM</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Storeroom ID	sa_storeroom_setup	16, padded right, PLANT+STOREROOM
4	Storeroom Code	sa_storeroom_setup	16, padded right, PLANT+STOREROOM
5	Storeroom Description	sa_storeroom_setup	60 characters, padded right, replace all carriage return/line feeds with spaces, STOREROOM_DESC
6	UDF1 Code	sa_storeroom_setup	STOREROOM_TYPE, 30 characters, padded right
7	UDF1 Description	sa_authority	STOREROOM_TYPE_DESC, 60 characters, padded right, description associated with Code Table 4
8	UDF2 Code	sa_storeroom_setup	PLANT, 30 characters, padded right
9	UDF2 Description	sa_plant	PLANT_DESC, 60 characters, padded right
10	UDF3 Code	sa_plant	ORGANIZATION, 30 characters, padded right
11	UDF3 Description	sa_organization	ORGANIZATION_DESC, 60 characters, padded right
12	UDF4 Code	sa_plant	COMPANY, 30 characters, padded right
13	UDF4 Description	sa_company	COMPANY_DESC, 60 characters, padded right
14	UDF5 Code		(none), 30 characters, unmapped
15	UDF5 Description		(none), 60 characters, unmapped
16	UDF6 Code		(none), 30 characters, unmapped
17	UDF6 Description		(none), 60 characters, unmapped
18	UDF7 Code		(none), 30 characters, unmapped
19	UDF7 Description		(none), 60 characters, unmapped
20	UDF8 Code		(none), 30 characters, unmapped
21	UDF8 Description		(none), 60 characters, unmapped
22	UDF9 Code		(none), 30 characters, unmapped
23	UDF9 Description		(none), 60 characters, unmapped
24	UDF10 Code		(none), 30 characters, unmapped
25	UDF10 Description		(none), 60 characters, unmapped
26	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Storeroom Transaction Types Dimension - EXTDSTTT</b>			
<b>Based on information from Code Table 145</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTDSTTT</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Storeroom Transaction Type Code	sa_authority	4 characters, padded right, CODE
4	Storeroom Transaction Type Description	sa_authority	60 characters, padded right, replace all carriage return/line feeds with spaces, CODE_DESC
5	UDF1 Code		(none), 30 characters, unmapped
6	UDF1 Description		(none), 60 characters, unmapped
7	UDF2 Code		(none), 30 characters, unmapped
8	UDF2 Description		(none), 60 characters, unmapped
9	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Work Type Codes Dimension - EXTDWOTY</b>			
<b>Based on information from Code Table 71</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTDWOTY</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Work Order Type Code	sa_authority	16 characters, padded right, CODE
4	Work Order Type Description	sa_authority	60 characters, padded right, replace all carriage return/line feeds with spaces, CODE_DESC
5	UDF1 Code		(none), 30 characters, unmapped
6	UDF1 Description		(none), 60 characters, unmapped
7	UDF2 Code		(none), 30 characters, unmapped
8	UDF2 Description		(none), 60 characters, unmapped
9	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Crew Codes Dimension - EXTDWRKC</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTDWRKC</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	constant	I or D – for Insert or Delete respectively
3	Crew Code	sa_crew	16 characters, padded right, PLANT+CREW
4	Crew Description	sa_crew	60 characters, padded right, replace all carriage return/line feeds with empty space, CREW_DESC
5	Crew ID	sa_crew	16 characters, padded right, PLANT+CREW
6	UDF1 Code	sa_crew	PLANT + SUPERVISOR_TITLE 30 characters, padded right
7	UDF1 Description	sa_authority	SUPERVISOR_TITLE_DESC 60 characters, padded right, description from Code Table 310
8	UDF2 Code	sa_crew	PLANT, 30 characters, padded right
9	UDF2 Description	sa_plant	PLANT_DESC, 60 characters, padded right
10	Data Source Indicator	constant	6, 0 padded left, default "3"

<b>Column Mapping for the WAM BI extracts for the Planner Dimension - EXTDRKRP</b>			
<b>Driving Database View: SV_BI_EXTRACT_EXTDRKRP</b>			
<b>Column</b>	<b>BI Column Name</b>	<b>WAM Source Table</b>	<b>WAM Source Description</b>
1	Change Date/Time	Constant	Current Data and time formatted as YYYYMMDDHHMISS, 20 characters, padded to right
2	Operation Flag	Constant	I or D – for Insert or Delete respectively
3	Work Order Task Planner Code	sa_rule_key where rule_id = 'PLANNER'	16, padded right, KEY_NAME
4	Work Order Task Planner Description	sa_rule_key where rule_id = 'PLANNER'	60, padded right, KEY_VALUE
5	Work Order Task Planner ID	sa_rule_key where rule_id = 'PLANNER'	16, padded right, PLANT+KEY_NAME
6	UDF1 Code	sa_rule_key where rule_id = 'PLANNER'	PLANT, 30 characters
7	UDF1 Description	sa_plant	PLANT_DESC, 60 characters
8	UDF2 Code		30 characters, unmapped
9	UDF2 Description		60 characters, unmapped
10	Data Source Indicator		6, 0 padded left, default "3"