Database Design of

-Extension Tables

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| **R&D xMES** | **Feb 2018** |

This documentation is valid since version V00.00.00

**History**

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| Revision | Date | Change Sections | Responsible |
| V01 | 2018-06-30 | Initial issue | Wang Jie |
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# INTRUDUCTION

## Type definition

|  |  |  |
| --- | --- | --- |
| **Type definition** | | |
| **Type ID** | **Type** | **Content** |
| T\_PKEY | N 38 | Primary key number |
| T\_ID | C 64 | Identifier |
| T\_NAME | C 128 | Name |
| T\_STATUS | C 5 | Status |
| T\_TYPE | C 5 | Common type |
| T\_VTYPE | C 1 | Value type |
| T\_DTYPE | C 5 | Data type |
| T\_PTYPE | C 5 | Par type |
| T\_RTYPE | C 2 | Range type |
| T\_VALUE | C 700 | Value |
| T\_DESC | C 512 | Description |
| T\_RMK | C 512 | Remark |
| T\_POS | N 5 | Position in a sequence |
| T\_FLAG | N 5 | Binary flag number |
| T\_QTY | N 18.3 | Quantity |
| T\_PQTY | N 18.5 | Precise Quantity |
| T\_REAL | N | Real |
| T\_BOOL | C 1 | Boolean |
| T\_EXP | C 255 | Expression |
| T\_PATH | C 255 | Path |
| T\_EXTC | C 512 | Extended String |
| T\_EXTN | N 18.3 | Extended Number |

## Journal Header

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **INCLUDE#JN\_HEADER** | | | | | | | |
| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
|  | 0 | OBJ\_JNO | Journal | N 38 | Y | N |  |
|  | 0 | JN\_DATE | Journal date | D |  | N |  |
|  | 0 | JN\_OP\_CODE | Operation code, such as I, U, D | C 2 |  | N |  |
|  | 0 | JN\_SESSION\_ID | Session id | N 38 |  | N |  |
|  | 0 | JN\_USER\_ID | User id | C 30 |  | N |  |

## Extended Columns Definition

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **INCLUDE#EXT\_COLUMN** | | | | | | | |
| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
|  | 0 | EXT\_TYPE01 |  | T\_TYPE |  | Y |  |
|  | 0 | EXT\_TYPE02 |  | T\_TYPE |  | Y |  |
|  | 0 | EXT\_TYPE03 |  | T\_TYPE |  | Y |  |
|  | 0 | EXT\_VALUE01 |  | T\_EXTC |  | Y |  |
|  | 0 | EXT\_VALUE02 |  | T\_EXTC |  | Y |  |
|  | 0 | EXT\_VALUE03 |  | T\_EXTC |  | Y |  |
|  | 0 | EXT\_VALUE04 |  | T\_EXTC |  | Y |  |
|  | 0 | EXT\_VALUE05 |  | T\_EXTC |  | Y |  |
|  | 0 | EXT\_VALUE06 |  | T\_EXTC |  | Y |  |
|  | 0 | EXT\_VALUE07 |  | T\_EXTC |  | Y |  |
|  | 0 | EXT\_VALUE08 |  | T\_EXTC |  | Y |  |
|  | 0 | EXT\_VALUE09 |  | T\_EXTC |  | Y |  |
|  | 0 | EXT\_VALUE10 |  | T\_EXTC |  | Y |  |
|  | 0 | EXT\_QTY01 |  | T\_EXTN |  | Y |  |
|  | 0 | EXT\_QTY02 |  | T\_EXTN |  | Y |  |
|  | 0 | EXT\_QTY03 |  | T\_EXTN |  | Y |  |
|  | 0 | EXT\_QTY04 |  | T\_EXTN |  | Y |  |
|  | 0 | EXT\_TIME01 |  | D |  | Y |  |
|  | 0 | EXT\_TIME02 |  | D |  | Y |  |
|  | 0 | EXT\_TIME03 |  | D |  | Y |  |

# Sequence List

|  |  |
| --- | --- |
| **Sequence Name** | **Content** |
| DE\_SEQ\_NO | Sequence about Data Entry |
| EM\_SEQ\_NO | Sequence about Equipment Management |
| JN\_SEQ\_NO | Sequence about Journal |
| LOT\_SEQ\_NO | Sequence about Material Lot |
| MD\_SEQ\_NO | Sequence about Master Data |
| MM\_SEQ\_NO | Sequence about Material Manager |
| PDM\_SEQ\_NO | Sequence about Product Definition Model |
| PM\_SEQ\_NO | Sequence about Production Model |
| PO\_SEQ\_NO | Sequence about Product Order Management |
| PP\_SEQ\_NO | Sequence about Product Performance |
| PPA\_SEQ\_NO | Sequence about OEE Management |
| PPS\_SEQ\_NO | Sequence about Product Plan Schedule |
| QC\_SEQ\_NO | Sequence about Quality Control |
| RP\_SEQ\_NO | Sequence about Custom Report |
| SP\_SEQ\_NO | Sequence about Sales Order and Plan |
| STF\_SEQ\_NO | Sequence about Staff Management |
| SYS\_SEQ\_NO | Sequence about System |
| USER\_SEQ\_NO | Sequence about Extended Table |
| WM\_SEQ\_NO | Sequence about Warehouse Management |
| OBJ\_SEQ\_NO | Sequence not mentioned above |

# TABLE list

|  |  |
| --- | --- |
| **Table Name** | **Content** |
| **USER** | |
|  |  |

# dATABASE TABLES

## Production Report Review 报工审批

**Table: Production Report Quantity Review**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_PR\_QTY\_REVIEW** | USER\_PR\_QTY\_RW |  |  |  |  |
|  | 0 | RW\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | CREATE\_TIME | 申请时间 | D |  | N |  |
|  | 0 | CREATE\_USER | 申请人 | T\_ID |  | N |  |
|  | 0 | CREATE\_WS | 申请人车间 | T\_ID |  | Y |  |
|  | 0 | CREATE\_TEAM | 申请人班组 | T\_ID |  | Y |  |
|  | 0 | TYPE |  | T\_TYPE |  | N |  |
|  | 0 | STATUS |  | T\_STATUS |  | N | N – 新建，待审批  F – 同意，审批通过  T – 拒绝，审批不通过  O – 取消 |
|  | 0 | PO\_NO |  | T\_PKEY |  | Y |  |
|  | 0 | PO\_ID |  | T\_ID |  | Y |  |
|  | 0 | DEF\_ID |  | T\_ID |  | Y |  |
|  | 0 | DEF\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | EXT\_ID |  | T\_ID |  | Y |  |
|  | 0 | PROD\_CODE |  | T\_ID |  | Y |  |
|  | 0 | POS\_NO |  | T\_PKEY |  | Y |  |
|  | 0 | POS\_ID |  | T\_ID |  | Y |  |
|  | 0 | LOT\_ID |  | T\_ID |  | Y |  |
|  | 0 | REQ\_QTY | 申请数量 | T\_QTY |  | N |  |
|  | 0 | PLAN\_QTY | 当前计划限制数量 | T\_QTY |  | N |  |
|  | 0 | RW\_TIME | 审批时间 | D |  | Y |  |
|  | 0 | RW\_USER | 审批人 | T\_ID |  | Y |  |
|  | 0 | EXT\_STR01 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_STR02 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_STR03 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_STR04 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_STR05 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY04 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY05 |  | T\_QTY |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

## Interface WMS Storage 出入库记录与接口

**Table: WMS Storage In**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_WMS\_CASEIN** | USER\_WMS\_CASEIN |  |  |  |  |
|  | 0 | CINO\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | ORDER\_ID |  | T\_ID |  | N |  |
|  | 0 | TYPE |  | T\_TYPE |  | N |  |
|  | 0 | STATUS |  | T\_STATUS |  | N |  |
|  | 0 | CREATE\_TIME |  | D |  | N |  |
|  | 0 | CREATE\_USER |  | T\_ID |  | N |  |
|  | 0 | CREATE\_WS | 申请车间 | T\_ID |  | Y |  |
|  | 0 | CREATE\_TEAM | 申请人班组 | T\_ID |  | Y |  |
|  | 0 | PO\_NO |  | T\_PKEY |  | Y |  |
|  | 0 | PO\_ID |  | T\_ID |  | Y |  |
|  | 0 | TASK\_ID |  | T\_ID |  | Y |  |
|  | 0 | PLAN\_ID |  | T\_ID |  | Y |  |
|  | 0 | DEPOT\_CODE |  | T\_ID |  | Y |  |
|  | 0 | INTF\_TIME | 接口调用时间 | D |  | Y |  |
|  | 0 | INTF\_RESULT | 接口调用结果 | C 255 |  | Y |  |
|  | 0 | REP\_TIME | 结果反馈时间 | D |  | Y |  |
|  | 0 | EXT\_VALUE01 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 |  | T\_QTY |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: WMS Storage In Item**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_WMS\_CASEIN\_ITEM** | USER\_WMS\_CASEINI |  |  |  |  |
|  | 0 | ITEM\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | CINO\_NO |  | T\_PKEY |  | N | Refer to **USER\_WMS\_CASEIN** |
|  | 0 | LOT\_ID | 序列号SN | T\_ID |  | Y |  |
|  | 0 | PROD\_TIME |  | D |  | Y |  |
|  | 0 | DEF\_ID |  | T\_ID |  | Y |  |
|  | 0 | DEF\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | EXT\_ID | 产品图号 | T\_ID |  | Y |  |
|  | 0 | PROD\_CODE | 产品代号 | T\_ID |  | Y |  |
|  | 0 | PROD\_MODEL | 产品型号 | T\_ID |  | Y |  |
|  | 0 | PO\_NO |  | T\_PKEY |  | Y |  |
|  | 0 | PO\_ID |  | T\_ID |  | Y |  |
|  | 0 | PLAN\_ID | ERP计划单号 | T\_ID |  | Y |  |
|  | 0 | BATCH\_ID | 工单计划批次 | T\_ID |  | Y |  |
|  | 0 | REQUEST\_QTY | 申请数量 | T\_QTY |  | N |  |
|  | 0 | RECEIVE\_QTY | 接收数量 | T\_QTY |  | Y |  |
|  | 0 | EXT\_VALUE01 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 |  | T\_QTY |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

## Production Material Handover 生产物料交接

**Table: Production Material Handover**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_PRD\_MAT\_HANDOVER** | USER\_PRD\_MAT\_HDO |  |  |  |  |
|  | 0 | HDO\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | ORDER\_ID | 交接单编号 | T\_ID |  | N |  |
|  | 0 | TYPE |  | T\_TYPE |  | N |  |
|  | 0 | STATUS |  | T\_STATUS |  | N | N – 新建  F – 完成  T – 拒绝  O – 取消 |
|  | 0 | SEND\_TIME | 交出时间 | D |  | N |  |
|  | 0 | SEND\_USER | 交出人 | T\_ID |  | N |  |
|  | 0 | SEND\_WS | 交出人车间 | T\_ID |  | Y |  |
|  | 0 | SEND\_TEAM | 交出人班组 | T\_ID |  | Y |  |
|  | 0 | PO\_NO |  | T\_PKEY |  | Y |  |
|  | 0 | PO\_ID |  | T\_ID |  | Y |  |
|  | 0 | PLAN\_ID | ERP计划单号 | T\_ID |  | Y |  |
|  | 0 | POS\_NO |  | T\_PKEY |  | Y |  |
|  | 0 | POS\_ID |  | T\_ID |  | Y |  |
|  | 0 | POS\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | RECEIVE\_TIME | 接收时间 | D |  | Y |  |
|  | 0 | RECEIVE\_USER | 接收人 | T\_ID |  | Y |  |
|  | 0 | RECEIVE\_WS | 接收人车间 | T\_ID |  | Y |  |
|  | 0 | RECEIVE\_TEAM | 接收人班组 | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 工序号 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 下一工序号 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 工序名称 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 下一工序名称 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 |  | T\_QTY |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Production Material Handover Item**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_PRD\_MAT\_HAND\_ITEM** | USER\_PRD\_MAT\_HDOI |  |  |  |  |
|  | 0 | HDOI\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | HDO\_NO |  | T\_PKEY | Y | N | Refer to **USER\_PRD\_MAT\_HANDOVER** |
|  | 0 | DEF\_ID |  | T\_ID |  | Y |  |
|  | 0 | DEF\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | EXT\_ID | 产品图号 | T\_ID |  | Y |  |
|  | 0 | PROD\_CODE | 产品代号 | T\_ID |  | Y |  |
|  | 0 | PROD\_MODEL | 产品型号 | T\_ID |  | Y |  |
|  | 0 | LOT\_ID | 序列号SN | T\_ID |  | Y |  |
|  | 0 | PO\_NO |  | T\_PKEY |  | Y |  |
|  | 0 | PO\_ID |  | T\_ID |  | Y |  |
|  | 0 | PLAN\_ID | ERP计划单号 | T\_ID |  | Y |  |
|  | 0 | BATCH\_ID | 工单计划批次 | T\_ID |  | Y |  |
|  | 0 | POS\_NO |  | T\_PKEY |  | Y |  |
|  | 0 | POS\_ID |  | T\_ID |  | Y |  |
|  | 0 | POS\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | SEND\_QTY | 交出数量 | T\_QTY |  | N |  |
|  | 0 | RECEIVE\_QTY | 接收数量 | T\_QTY |  | Y |  |
|  | 0 | EXT\_VALUE01 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 |  | T\_QTY |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

## Quality Inspect Order 质量检验单

**Table: Quality Inspect Order File**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_QC\_INSPO\_FILE** | USER\_QC\_INSPO\_FILE |  |  |  |  |
|  | 0 | FILE\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | INSP\_ORDER\_NO |  | T\_PKEY |  | N | refer to QC\_INSP\_ORDER |
|  | 0 | FILE\_ID |  | T\_ID |  | N |  |
|  | 0 | FILE\_TYPE |  | T\_PTYPE |  | Y |  |
|  | 0 | CREATE\_TIME |  | D |  | Y |  |
|  | 0 | PATH |  | T\_PATH |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Quality Disposition Order 不合格处置单**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_QC\_DSPO\_ORDER** | USER\_QC\_DSPO |  |  |  |  |
|  | 0 | DSPO\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | DSPO\_ID |  | T\_ID |  | N |  |
|  | 0 | DSPO\_TYPE |  | T\_TYPE |  | N |  |
|  | 0 | STATUS |  | T\_STATUS |  | N |  |
|  | 0 | PDM\_ID |  | T\_ID |  | Y |  |
|  | 0 | PDM\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | PR\_NO | 关联的报工\* | T\_PKEY |  | Y |  |
|  | 0 | PO\_NO | 关联的工单\* | T\_PKEY |  | Y |  |
|  | 0 | LOT\_NO | 关联的批次\* | T\_PKEY |  | Y |  |
|  | 0 | DEF\_NO | 关联的物料\* | T\_PKEY |  | Y |  |
|  | 0 | INSP\_NO | 关联的质检\* | T\_PKEY |  | Y |  |
|  | 0 | PROD\_TASK | 生产任务号\* | T\_ID |  | Y |  |
|  | 0 | PROD\_CODE | 产品代号 | T\_ID |  | Y |  |
|  | 0 | PROD\_BATCH | 产品批次 | T\_ID |  | Y |  |
|  | 0 | PROD\_DEF | 物料编码\* | T\_ID |  | Y |  |
|  | 0 | PROD\_NAME | 产品名称 | T\_NAME |  | Y |  |
|  | 0 | PROD\_DRAW | 产品图号 | T\_ID |  | Y |  |
|  | 0 | BATCH\_QTY | 批量 | T\_QTY |  | Y |  |
|  | 0 | UNQLY\_QTY | 不合格数 | T\_QTY |  | Y |  |
|  | 0 | DSPO\_CLASS | 不合格分类 | T\_ID |  | Y |  |
|  | 0 | DSPO\_ZERO | 归零要求 | T\_ID |  | Y |  |
|  | 0 | UNQLY\_DESC | 不合格情况描述 | C 1024 |  | Y |  |
|  | 0 | CREATE\_TIME |  | D |  | Y |  |
|  | 0 | CREATE\_USER |  | T\_ID |  | Y |  |
|  | 0 | UPDATE\_TIME |  | D |  | Y |  |
|  | 0 | UPDATE\_USER |  | T\_ID |  | Y |  |
|  | 0 | ANALY\_DESC | 原因分析和纠正措施 | C 1024 |  | Y |  |
|  | 0 | ANALY\_ROUTE | 原因分析 工艺 | T\_ID |  | Y |  |
|  | 0 | ANALY\_USER | 原因分析 负责人 | T\_ID |  | Y |  |
|  | 0 | ANALY\_TIME | 原因分析 签字日期 | D |  | Y |  |
|  | 0 | REVW\_RESULT | 审理意见结果 | T\_NAME |  | Y |  |
|  | 0 | REVW\_LEVEL | 审理级别 | T\_NAME |  | Y |  |
|  | 0 | REVW\_DESC | 审理意见 | C 1024 |  | Y |  |
|  | 0 | REVW\_USER | 审理负责人 | T\_ID |  | Y |  |
|  | 0 | REVW\_TIME | 审理签字日期 | D |  | Y |  |
|  | 0 | PROC\_DESC | 处理意见 | C 1024 |  | Y |  |
|  | 0 | PROC\_USER | 处理负责人 | T\_ID |  | Y |  |
|  | 0 | PROC\_TIME | 处理签字日期 | D |  | Y |  |
|  | 0 | CUST\_DESC | 顾客意见 | C 1024 |  | Y |  |
|  | 0 | CUST\_USER | 顾客负责人 | T\_ID |  | Y |  |
|  | 0 | CUST\_TIME | 顾客签字日期 | D |  | Y |  |
|  | 0 | ROUTE\_DESC | 返修工艺要求 | C 1024 |  | Y |  |
|  | 0 | ROUTE\_USER | 工艺员 | T\_ID |  | Y |  |
|  | 0 | ROUTE\_TIME | 工艺签字日期 | D |  | Y |  |
|  | 0 | RESULT\_DESC | 返修结果 | C 1024 |  | Y |  |
|  | 0 | RESULT\_USER | 返修检查员 | T\_ID |  | Y |  |
|  | 0 | RESULT\_TIME | 返修结果签字日期 | D |  | Y |  |
|  | 0 | EXT\_VALUE01 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 |  | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 |  | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 |  | T\_QTY |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Quality Disposition Order File**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_QC\_DSPO\_FILE** | USER\_QC\_DSPO\_FILE |  |  |  |  |
|  | 0 | FILE\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | DSPO\_NO |  | T\_PKEY |  | N | refer to **USER\_QC\_DSPO\_ORDER** |
|  | 0 | FILE\_ID |  | T\_ID |  | N |  |
|  | 0 | FILE\_TYPE |  | T\_PTYPE |  | Y |  |
|  | 0 | CREATE\_TIME |  | D |  | Y |  |
|  | 0 | PATH |  | T\_PATH |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

## Encryption level 密级配置

**Table: Encryption level config**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_ENCRP\_LEVEL** | USER\_ENCRP\_LVL |  |  |  |  |
|  | 0 | ECP\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | ECP\_ID |  | T\_ID |  | N |  |
|  | 0 | ECP\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | REF\_ID |  | T\_ID |  | Y | 关联模型ID |
|  | 0 | TYPE |  | T\_TYPE |  | N | 报表/工单/销售单  R – report |
|  | 0 | STATUS |  | T\_STATUS |  | N |  |
|  | 0 | ECP\_TYPE |  | T\_TYPE |  | N | 公开/绝密/内部 |
|  | 0 | TERM\_VALUE | 保密时间 | T\_QTY |  | Y |  |
|  | 0 | TERM\_UOM | 保密时间单位 | T\_ID |  | Y |  |
|  | 0 | TERM\_TEXT | 保密时间综合 | T\_EXP |  | Y |  |
|  | 0 | TERM\_EXTEND | 保密备言 | T\_EXP |  | Y | 如：延长N年 |
|  | 0 | START\_TIME | 加密时间 | D |  | Y |  |
|  | 0 | END\_TIME | 解密时间 | D |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | INSERT\_DATE | Insert date | D |  | Y |  |
|  | 0 | UPDATE\_DATE | Update date | D |  | Y |  |
|  | 0 | INSERT\_USER\_ID | Insert user id | T\_ID |  | Y |  |
|  | 0 | UPDATE\_USER\_ID | Insert user id | T\_ID |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

## WareHouse Management 仓储管理

**Table: Warehouse Definition Config**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_WM\_DEF\_CONFIG** | USER\_WM\_DEF\_CNG |  |  |  |  |
|  | 0 | CNG\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | DEF\_NO |  | T\_PKEY |  | N |  |
|  | 0 | SAFE\_QTY | 安全库存 | T\_QTY |  | Y |  |
|  | 0 | MIN\_QTY | 最小库存 | T\_QTY |  | Y |  |
|  | 0 | MAX\_QTY | 最大库存 | T\_QTY |  | Y |  |
|  | 0 | UOM\_ID | 库存单位 | T\_ID |  | Y |  |
|  | 0 | VALID\_DAY | 有效期 | T\_QTY |  | Y |  |
|  | 0 | VALID\_UOM | 有效期单位 | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01（库房编码） | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02（库房名称） | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE06 | 扩展参数06 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE07 | 扩展参数07 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE08 | 扩展参数08 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | EXT\_DATI03 | 扩展时间03 | D |  | Y |  |
|  | 0 | INSERT\_DATE | Insert date | D |  | Y |  |
|  | 0 | UPDATE\_DATE | Update date | D |  | Y |  |
|  | 0 | INSERT\_USER\_ID | Insert user id | T\_ID |  | Y |  |
|  | 0 | UPDATE\_USER\_ID | Insert user id | T\_ID |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Warehouse Supplier**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_WM\_SUPPLIER** | USER\_WM\_SUP |  |  |  |  |
|  | 0 | SUP\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | SUP\_ID | 客户编码 | T\_ID |  | N |  |
|  | 0 | SUP\_NAME | 客户名称 | T\_NAME |  | N |  |
|  | 0 | SUP\_TYPE | 客户类型 | T\_TYPE |  | N |  |
|  | 0 | STATUS | 状态 | T\_STATUS |  | N |  |
|  | 0 | SUP\_SIP | 客户简称 | T\_NAME |  | Y |  |
|  | 0 | SUP\_LVL | 客户级别 | T\_TYPE |  | Y |  |
|  | 0 | DESCRIPTION | 描述 | T\_DESC |  | Y |  |
|  | 0 | CONT\_NAME | 联络人姓名 | T\_NAME |  | Y |  |
|  | 0 | EMAIL | 邮箱 | T\_ID |  | Y |  |
|  | 0 | TELEPHONE | 座机 | T\_ID |  | Y |  |
|  | 0 | MOBILE | 手机 | T\_ID |  | Y |  |
|  | 0 | CITY | 城市（地区代码） | T\_ID |  | Y |  |
|  | 0 | ADDRESS | 地址 | T\_PATH |  | Y |  |
|  | 0 | ZIP\_CODE | 邮政编码 | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01（单位属性） | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02（评估等级） | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03（增值税登记号） | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04（地区） | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE06 | 扩展参数06 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE07 | 扩展参数07 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE08 | 扩展参数08 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | EXT\_DATI03 | 扩展时间03 | D |  | Y |  |
|  | 0 | INSERT\_DATE | Insert date | D |  | Y |  |
|  | 0 | UPDATE\_DATE | Update date | D |  | Y |  |
|  | 0 | INSERT\_USER\_ID | Insert user id | T\_ID |  | Y |  |
|  | 0 | UPDATE\_USER\_ID | Insert user id | T\_ID |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Warehouse Permission**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_WM\_PERMISSION** | USER\_WM\_PERM |  |  |  |  |
|  | 0 | PERM\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | PERM\_TYPE |  | T\_TYPE |  | N |  |
|  | 0 | STATUS | 状态 | T\_STATUS |  | N |  |
|  | 0 | WH\_ID |  | T\_ID |  | Y |  |
|  | 0 | AREA\_ID |  | T\_ID |  | Y |  |
|  | 0 | LOC\_ID |  | T\_ID |  | Y |  |
|  | 0 | DEPT\_ID |  | T\_ID |  | Y |  |
|  | 0 | DEPT\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | STF\_ID |  | T\_ID |  | Y |  |
|  | 0 | STF\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | PRIORITY |  | T\_POS |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE06 | 扩展参数06 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE07 | 扩展参数07 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE08 | 扩展参数08 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | EXT\_DATI03 | 扩展时间03 | D |  | Y |  |
|  | 0 | INSERT\_DATE | Insert date | D |  | Y |  |
|  | 0 | UPDATE\_DATE | Update date | D |  | Y |  |
|  | 0 | INSERT\_USER\_ID | Insert user id | T\_ID |  | Y |  |
|  | 0 | UPDATE\_USER\_ID | Insert user id | T\_ID |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: USER\_WM\_INVENTORY**

盘点单表

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | | **Null?** | | **Values/ Remarks** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** | EXT |  |  | |  | |  | |
|  |  | **REPDB#USER\_WM\_INVENTORY** | **USER\_WM\_INVE** |  |  | |  | |  | |
|  |  | INVE\_NO | 主键NO | T\_PKEY | Y | | N | | get fr. USER\_SEQ\_NO | |
|  |  | INVE\_ID | 盘点单号 | T\_ID | |  | | Y | |  | |
|  |  | STATUS | 状态 | T\_STATUS | |  | | Y | |  | |
|  |  | TYPE | 类型 | T\_TYPE | |  | | Y | |  | |
|  |  | CREATE\_USER\_ID | 创建人ID | T\_ID | |  | | Y | |  | |
|  |  | CREATE\_USER\_NAME | 创建人姓名 | T\_NAME | |  | | Y | |  | |
|  |  | CREATE\_TIME | 创建时间 | D | |  | | Y | |  | |
|  |  | UPDATE\_TIME | 更新时间 | D | |  | | Y | |  | |
|  |  | UPDATE\_USER\_ID | 更新人ID | T\_ID | |  | | Y | |  | |
|  |  | UPDATE\_USER\_NAME | 更新人姓名 | T\_NAME | |  | | Y | |  | |
|  |  | REMARK | 备注 | T\_RMK | |  | | Y | |  | |

**Table: USER\_WM\_INVE\_HOUSE**

盘点单明细

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  | |
|  |  | **REPDB#USER\_WM\_INVE\_HOUSE** | **USER\_WM\_INVE\_HOUSE** |  |  |  |  | |
|  |  | ITEM\_NO | 主键NO | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO | |
|  |  | INVE\_NO | 外键引用 | T\_PKEY |  | N | refer to **USER\_WM\_INVENTORY** | |
|  |  | WM\_NO | 库房外键引用 | T\_PKEY |  | N | refer to **WM\_WAREHOUSE** | |
|  |  | STATUS | 状态 | T\_TYPE |  | Y |  | |
|  |  | WM\_TYPE | 库房类型 | T\_TYPE |  | Y |  | |
|  |  | STORE\_TYPE | 存储类型 | T\_STATUS |  | Y |  | |
|  |  | LOCATION | 位置 | T\_PATH |  | Y |  | |
|  |  | REMARK | 备注 | T\_RMK |  | Y |  | |

**Table:USER\_WM\_INVE\_ITEM**

盘点物料详情

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  |
|  |  | **REPDB#USER\_WM\_INVE\_ITEM** | **USER\_WM\_INVE\_ITEM** |  |  |  |  |
|  |  | WM\_INVE\_ITEM\_NO | 主键NO | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  |  | ITEM\_NO |  | T\_PKEY |  | N | refer to **USER\_WM\_INVE\_HOUSE** |
|  |  | DEF\_NO | 物料外键 | T\_PKEY |  | Y | refer to MM\_DEFINITION |
|  |  | BATCH\_ID | 批次号 | T\_ID |  | Y |  |
|  |  | QUANTITY | 数量 | T\_QTY |  | Y |  |
|  |  | ACT\_QUANTITY | 盘点数量 | T\_QTY |  | Y |  |
|  |  | UOM\_ID | 单位 | T\_ID |  | Y |  |
|  |  | WH\_NO | 库房主键 | T\_PKEY |  | Y | refer to **WM\_WAREHOUSE** |
|  |  | DEF\_TYPE | 物料类型 | T\_TYPE |  | Y |  |
|  |  | SUP\_NAME | 供应商名称 | T\_NAME |  | Y |  |
|  |  | LOT\_NAME | 产品编号 | T\_ID |  | Y |  |
|  |  | LOT\_NO | 外键引用 | T\_PKEY |  | Y | Refer to MM\_LOT |
|  |  | CLS\_NAME | 分类名 | T\_NAME |  | Y |  |
|  |  | MM\_MATERIAL\_MARK | 物料牌号 | T\_ID |  | Y |  |
|  |  | PRODUCT\_DATE | 生产日期 | D |  | Y |  |
|  |  | RE\_NO | 复验号 | T\_ID |  | Y |  |
|  |  | RE\_REPROT\_NO | 复验报告号 | T\_ID |  | Y |  |
|  |  | MAT\_BATCH | 物料炉批次号 | T\_ID |  | Y |  |
|  |  | QC\_NO | 合格证号 | T\_ID |  | Y |  |
|  |  | STG\_USER\_ID | 入库人ID | T\_ID |  | Y |  |
|  |  | STG\_USER\_NAME | 入库人姓名 | T\_NAME |  | Y |  |
|  |  | STG\_TIME | 入库日期 | D |  | Y |  |
|  |  | MM\_ENCPT\_LEVEL | 密级 | T\_NAME |  | Y |  |
|  |  | RES\_TYPE | 结果类型 | T\_TYPE |  | Y |  |
|  |  | REMARK | 备注 | T\_RMK |  | Y |  |

**Table:USER\_MOVE\_WM\_RECORD**

移库记录

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  |
|  |  | **REPDB#USER\_WM\_MOVE\_RECORD** | **USER\_WM\_MOVE\_REC** |  |  |  |  |
| 1. 1 |  | MO\_REC\_NO | 主键NO | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  |  | DEF\_NO | 物料外键 | T\_PKEY |  | Y | refer to MM\_DEFINITION |
|  |  | LOC\_NO | 位置外键 | T\_PKEY |  | Y | refer to WM\_LOCATION |
|  |  | BATCH\_ID | 批次号 | T\_ID |  | Y |  |
|  |  | QUANTITY | 数量 | T\_QTY |  | Y |  |
|  |  | MOVE\_QTY | 移库数量 | T\_QTY |  | Y |  |
|  |  | UOM\_ID | 单位 | T\_ID |  | Y |  |
|  |  | SRC\_WH\_NO | 原库房主键 | T\_PKEY |  | Y | refer to **WM\_WAREHOUSE** |
|  |  | TGT\_WH\_NO | 现库房 | T\_PKEY |  | Y | refer to **WM\_WAREHOUSE** |
|  |  | DEF\_TYPE | 物料类型 | T\_TYPE |  | Y |  |
|  |  | SUP\_NAME | 供应商名称 | T\_NAME |  | Y |  |
|  |  | LOT\_NAME | 产品编号 | T\_ID |  | Y |  |
|  |  | LOT\_NO | 外键引用 | T\_PKEY |  | Y | Refer to MM\_LOT |
|  |  | CLS\_NAME | 分类名 | T\_NAME |  | Y |  |
|  |  | MM\_MATERIAL\_MARK | 物料牌号 | T\_ID |  | Y |  |
|  |  | PRODUCT\_DATE | 生产日期 | D |  | Y |  |
|  |  | RE\_NO | 复验号 | T\_ID |  | Y |  |
|  |  | RE\_REPROT\_NO | 复验报告号 | T\_ID |  | Y |  |
|  |  | MAT\_BATCH | 物料炉批次号 | T\_ID |  | Y |  |
|  |  | QC\_NO | 合格证号 | T\_ID |  | Y |  |
|  |  | STG\_USER\_ID | 入库人ID | T\_ID |  | Y |  |
|  |  | STG\_USER\_NAME | 入库人姓名 | T\_NAME |  | Y |  |
|  |  | STG\_TIME | 入库日期 | D |  | Y |  |
|  |  | MM\_ENCPT\_LEVEL | 密级 | T\_NAME |  | Y |  |
|  |  | RES\_TYPE | 结果类型 | T\_TYPE |  | Y |  |
|  |  | MOVE\_TIME | 移库日期 | D |  | Y |  |
|  |  | MOVE\_USER\_ID | 移库人ID | T\_ID |  | Y |  |
|  |  | MOVE\_USER\_NAME | 移库人姓名 | T\_NAME |  | Y |  |
|  |  | REMARK | 备注 | T\_RMK |  | Y |  |

## Message 消息提醒

**Table: Message**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  |
|  |  | **REPDB#USER\_MESSAGE** | USER\_MESSAGE |  |  |  |  |
|  | 0 | MSG\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | MSG\_ID | 消息编码 | T\_ID |  | N |  |
|  | 0 | MSG\_TYPE | 事项类别 | T\_TYPE |  | N |  |
|  | 0 | STATUS | 状态 | T\_STATUS |  | N |  |
|  | 0 | DESCRIPTION | 事项描述 | T\_VALUE |  | N |  |
|  | 0 | CREAT\_USER | 发起人 | T\_ID |  | Y |  |
|  | 0 | CREAT\_DATE | 发起日期 | D |  | Y |  |
|  | 0 | USER\_ID | 接收人 | T\_ID |  | Y |  |
|  | 0 | TEAM\_ID | 接收班组 | T\_ID |  | Y |  |
|  | 0 | DEPT\_ID | 接收部门 | T\_ID |  | Y |  |
|  | 0 | OBJ\_NO | 关联业务项编号 | T\_PKEY |  | Y |  |
|  | 0 | OBJ\_ID | 关联业务项编码 | T\_ID |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

## Logs 系统日志

**Table: Login Logs**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_SYS\_LOGIN\_LOG** | USER\_SYS\_LOGIN\_LOG |  |  |  |  |
|  | 0 | LOG\_NO |  | N 38 | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | USER\_ID | 用户名 | T\_ID |  | N |  |
|  | 0 | USER\_TYPE | 普通用户/管理员 | T\_TYPE |  | N |  |
|  | 0 | USER\_DESC | 用户描述 | T\_EXP |  | Y |  |
|  | 0 | IP\_ADDRESS | 登录地址 | T\_ID |  | Y |  |
|  | 0 | HOST\_NAME | 登录机器名 | T\_ID |  | Y |  |
|  | 0 | APP\_NAME | 应用系统名 | T\_ID |  | Y |  |
|  | 0 | LOGIN\_TIME | 登入时间 | D |  | N |  |
|  | 0 | LOGIN\_TYPE | 登录方式 | T\_TYPE |  | N |  |
|  | 0 | LOGIN\_RESULT | 登录结果 | T\_ID |  | Y |  |
|  | 0 | LOGOUT\_TIME | 登出时间 | D |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Operation Logs**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_SYS\_OPER\_LOG** | USER\_SYS\_OPER\_LOG |  |  |  |  |
|  | 0 | LOG\_NO |  | N 38 | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | USER\_ID | 用户名 | T\_ID |  | N |  |
|  | 0 | USER\_TYPE | 普通用户/管理员 | T\_TYPE |  | N |  |
|  | 0 | USER\_DESC | 用户描述 | T\_EXP |  | Y |  |
|  | 0 | IP\_ADDRESS | 操作地址 | T\_ID |  | Y |  |
|  | 0 | HOST\_NAME | 操作机器名 | T\_ID |  | Y |  |
|  | 0 | APP\_NAME | 应用系统名 | T\_ID |  | Y |  |
|  | 0 | OPER\_TIME | 操作时间 | D |  | N |  |
|  | 0 | OPER\_TYPE | 操作类型 | T\_TYPE |  | N |  |
|  | 0 | OPER\_SUBJECT | 操作主题 | T\_NAME |  | Y |  |
|  | 0 | OPER\_OBJ | 操作对象 | T\_NAME |  | Y |  |
|  | 0 | OPER\_DESC | 操作内容描述 | T\_EXP |  | Y |  |
|  | 0 | OPER\_RESULT | 操作结果 | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

## Monthly Plan 月计划

**Table: Produce Plan**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_MONTHLY\_PLAN** | USER\_MONTHLY\_PLAN |  |  |  |  |
|  | 0 | UMP\_NO |  | N 38 | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | UMP\_ID | 月计划编码 | T\_ID |  | N |  |
|  | 0 | STATUS | 状态 | T\_STATUS |  | N |  |
|  | 0 | TYPE | 类型 | T\_TYPE |  | Y |  |
|  | 0 | INSERT\_DATE | Insert date | D |  | Y |  |
|  | 0 | UPDATE\_DATE | Update date | D |  | Y |  |
|  | 0 | INSERT\_USER\_ID | Insert user id | T\_ID |  | Y |  |
|  | 0 | UPDATE\_USER\_ID | Insert user id | T\_ID |  | Y |  |
|  | 0 | DESCRIPTION | 描述 | CLOB |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_ECP01 | 密级参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_ECP02 | 密级参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_ECP03 | 密级参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Produce Plan Item 计划明细**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_MONTHLY\_PLAN\_ITEM** | USER\_MONTHLY\_PLAN\_ITEM |  |  |  |  |
|  | 0 | UMPI\_NO |  | N 38 | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | UMP\_NO |  | N 38 |  | N | Refer to **USER\_MONTHLY\_PLAN** |
|  | 0 | ITEM\_STATUS | 状态 | T\_STATUS |  | Y |  |
|  | 0 | ITEM\_TYPE | 类型 | T\_TYPE |  | Y |  |
|  | 0 | TASK\_ID | 任务号 | T\_ID |  | Y |  |
|  | 0 | MODEL\_ID | 产品型号 | T\_ID |  | Y |  |
|  | 0 | PRODUCT\_CODE | 产品代号 | T\_ID |  | Y |  |
|  | 0 | DEF\_NAME | 产品名称 | T\_NAME |  | Y |  |
|  | 0 | PDW\_ID | 产品图号 | T\_ID |  | Y |  |
|  | 0 | BATCH\_ID | 批次号 | T\_ID |  | Y |  |
|  | 0 | PS\_CODE | 工序号 | T\_ID |  | Y |  |
|  | 0 | PS\_NAME | 工序名称 | T\_NAME |  | Y |  |
|  | 0 | TIME | 考核时间 | D |  | Y |  |
|  | 0 | WORK\_CENTER | 工作中心 | T\_NAME |  | Y |  |
|  | 0 | QUANTITY | 考核数量 | T\_QTY |  | Y |  |
|  | 0 | PO\_ID | 工单编码 | T\_ID |  | Y |  |
|  | 0 | PO\_NO |  | N 38 |  | Y |  |
|  | 0 | POS\_NO |  | N 38 |  | Y |  |
|  | 0 | DESCRIPTION | 描述 | CLOB |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_ECP01 | 密级参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_ECP02 | 密级参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_ECP03 | 密级参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Produce Plan Item Lot 计划明细对应的产品批次**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_MPI\_LOT** | USER\_MPI\_LOT |  |  |  |  |
|  | 0 | UMPIL\_NO |  | N 38 | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | UMPI\_NO |  | N 38 |  | N | Refer to **USER\_MONTHLY\_PLAN\_ITEM** |
|  | 0 | LOT\_ID | 批次编码 | T\_ID |  | N |  |
|  | 0 | LOT\_NAME | 产品编号 | T\_NAME |  | Y |  |
|  | 0 | QUANTITY | 数量 | T\_QTY |  | Y |  |
|  | 0 | MAT\_TIME | 完成时间 | D |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_ECP01 | 密级参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_ECP02 | 密级参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_ECP03 | 密级参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Central Label 集交标签**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  |
|  |  | **REPDB#** **USER\_DLV\_CENTRAL\_LABEL** | USER\_DLV\_CEN\_LB |  |  |  |  |
|  | 0 | CLB\_NO |  | T\_PKEY | Y | N |  |
|  | 0 | CLB\_ID | 标签编码 | T\_ID |  | N |  |
|  | 0 | CLB\_TYPE | 标签类型 | T\_TYPE |  | N |  |
|  | 0 | DEF\_ID |  | T\_ID |  | Y |  |
|  | 0 | DEF\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | PDW\_ID |  | T\_ID |  | Y |  |
|  | 0 | PROD\_CODE |  | T\_ID |  | Y |  |
|  | 0 | MODEL\_ID |  | T\_ID |  | Y |  |
|  | 0 | SERIES\_POS | 第N套 | T\_POS |  | Y |  |
|  | 0 | MOTOR\_DESC | 发动机配套 | T\_RMK |  | Y |  |
|  | 0 | CODE\_VALUE | 条码原内容 | T\_RMK |  | Y |  |
|  | 0 | ENCODE\_MODE | 编码模式 | T\_ID |  | Y |  |
|  | 0 | ENCODE\_VALUE | 编码后内容 | T\_RMK |  | Y |  |
|  | 0 | PRINT\_COUNT | 打印次数 | T\_POS |  | Y |  |
|  | 0 | CREATE\_USER |  | T\_ID |  | Y |  |
|  | 0 | CREATE\_UNAME |  | T\_NAME |  | Y |  |
|  | 0 | CREATE\_TIME |  | D |  | Y |  |
|  | 0 | UPDATE\_USER |  | T\_ID |  | Y |  |
|  | 0 | UPDATE\_UNAME |  | T\_NAME |  | Y |  |
|  | 0 | UPDATE\_TIME |  | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

## Others

**Table: Operation Details**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_PS\_OP\_DETAIL** | USER\_PS\_OP\_DTA |  |  |  |  |
|  | 0 | DTA\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | PS\_OP\_NO | 用户名 | T\_PKEY |  | N |  |
|  | 0 | DESCRIPTION | 描述 | CLOB |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | REMARK |  | CLOB |  | Y |  |

**Table: Material Lot Extend**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_MM\_LOT\_EXT** | USER\_MM\_LOT\_EXT |  |  |  |  |
|  | 0 | LOT\_EXT\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | CONT\_NO |  | T\_PKEY |  | Y |  |
|  | 0 | IN\_USER\_NAME |  | T\_ID |  | Y |  |
|  | 0 | IN\_USER\_ID |  | T\_ID |  | Y |  |
|  | 0 | IN\_TIME |  | D |  | Y |  |
|  | 0 | OUT\_USER\_NAME |  | T\_ID |  | Y |  |
|  | 0 | OUT\_USER\_ID |  | T\_ID |  | Y |  |
|  | 0 | OUT\_TIME |  | D |  | Y |  |
|  | 0 | EXT\_TYPE01 |  | T\_TYPE |  | Y |  |
|  | 0 | EXT\_TYPE02 |  | T\_TYPE |  | Y |  |
|  | 0 | EXT\_TYPE03 |  | T\_TYPE |  | Y |  |
|  | 0 | EXT\_TYPE04 |  | T\_TYPE |  | Y |  |
|  | 0 | EXT\_TYPE05 |  | T\_TYPE |  | Y |  |
|  | 0 | EXT\_TYPE06 |  | T\_TYPE |  | Y |  |
|  | 0 | EXT\_TYPE07 |  | T\_TYPE |  | Y |  |
|  | 0 | EXT\_TYPE08 |  | T\_TYPE |  | Y |  |
|  | 0 | EXT\_TYPE09 |  | T\_TYPE |  | Y |  |
|  | 0 | EXT\_TYPE10 |  | T\_TYPE |  | Y |  |
|  | 0 | EXT\_VALUE01 |  | T\_RMK |  | Y |  |
|  | 0 | EXT\_VALUE02 |  | T\_RMK |  | Y |  |
|  | 0 | EXT\_VALUE03 |  | T\_RMK |  | Y |  |
|  | 0 | EXT\_VALUE04 |  | T\_RMK |  | Y |  |
|  | 0 | EXT\_VALUE05 |  | T\_RMK |  | Y |  |
|  | 0 | EXT\_VALUE06 |  | T\_RMK |  | Y |  |
|  | 0 | EXT\_VALUE07 |  | T\_RMK |  | Y |  |
|  | 0 | EXT\_VALUE08 |  | T\_RMK |  | Y |  |
|  | 0 | EXT\_VALUE09 |  | T\_RMK |  | Y |  |
|  | 0 | EXT\_VALUE10 |  | T\_RMK |  | Y |  |
|  | 0 | EXT\_TIME01 |  | D |  | Y |  |
|  | 0 | EXT\_TIME02 |  | D |  | Y |  |
|  | 0 | EXT\_TIME03 |  | D |  | Y |  |
|  | 0 | EXT\_TIME04 |  | D |  | Y |  |
|  | 0 | EXT\_TIME05 |  | D |  | Y |  |
|  | 0 | EXT\_TIME06 |  | D |  | Y |  |
|  | 0 | EXT\_TIME07 |  | D |  | Y |  |
|  | 0 | EXT\_TIME08 |  | D |  | Y |  |
|  | 0 | EXT\_TIME09 |  | D |  | Y |  |
|  | 0 | EXT\_TIME10 |  | D |  | Y |  |

## MachineAccount

**Table: Operation Details**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  |
|  |  | **REPDB#USER\_MACHINE\_ACCOUNT** | **USER\_MACHINE\_ACCOUNT** |  |  |  |  |
| 1 | 0 | NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
| 2 | 0 | ID | 编号 | T\_ID |  | N |  |
| 3 | 0 | MATOLGRPID | 机床组id | T\_ID |  | Y |  |
| 4 |  | EQP\_NO | 设备NO | T\_PKEY |  | Y | Refer to EM\_EQUIPMENT |
| 5 | 0 | DEPTID | 部门id | T\_ID |  | Y |  |
| 6 | 0 | COLSERVERID | 采集服务器 | T\_ID |  | Y |  |
| 7 | 0 | MATOLCODE | 机床编号 | T\_ID |  | Y |  |
| 8 | 0 | MATOLNAME | 机床名称 | T\_NAME |  | Y |  |
| 9 | 0 | MATOLTYPE | CNC类型 | T\_TYPE |  | Y |  |
| 10 | 0 | MATOLIP | CNC IP | T\_ID |  | Y |  |
| 11 | 0 | MATOLPORT | CNC 端口 | T\_QTY |  | Y |  |
| 12 | 0 | LINTIME | 添加时间 | D |  | Y |  |
| 13 | 0 | EXPAND | 扩展 | CLOB |  | Y |  |
| 14 | 0 | ACTIVE | 是否启用 | T\_FLAG |  | Y |  |
|  | 0 | SYSTEMTYPE | 系统类型 | T\_NAME |  | Y |  |
|  |  | Position | 位置 | T\_NAME |  | Y |  |
|  |  | GrpName |  | T\_NAME |  | Y |  |
|  |  | MachineType | 机器类型 | T\_NAME |  | Y |  |
|  |  | CREATETIME | 创建时间 | D |  |  |  |
|  |  | UPDATETIME | 更新时间 | D |  |  |  |

## Segment Result File 工序加工记录文件

**Table: Segment Result File**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#** **USER\_PP\_SR\_FILE** | USER\_PP\_SR\_FILE |  |  |  | UK:FILE\_ID |
|  | 0 | FILE\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | SR\_NO |  | T\_PKEY |  | N | refer to PP\_SEGMENT\_RESULT |
|  | 0 | FILE\_ID |  | T\_ID |  | N |  |
|  | 0 | FILE\_NAME |  | T\_NAME |  | N |  |
|  | 0 | FILE\_TYPE |  | T\_PTYPE |  | Y |  |
|  | 0 | CONT\_TYPE | 内容类型 | T\_TYPE |  | N |  |
|  | 0 | CREATE\_TIME |  | D |  | Y |  |
|  | 0 | CREATE\_USER | 创建用户 | T\_ID |  | Y |  |
|  | 0 | PATH |  | T\_PATH |  | Y |  |
|  | 0 | EXT\_TYPE01 | 扩展类型 | T\_TYPE |  | Y |  |
|  | 0 | EXT\_TYPE02 | 扩展类型 | T\_TYPE |  | Y |  |
|  | 0 | EXT\_TYPE03 | 扩展类型 | T\_TYPE |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |
|  | 0 | EXTENSION | 文件扩展名 | T\_ID |  | Y |  |

## Camera 摄像头

**Table: Camera**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  |
|  |  | **REPDB#** **USER\_CAMERA** | USER\_CAMERA |  |  |  | UK:CAM\_ID |
|  | 0 | CAM\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | CAM\_ID |  | T\_ID |  | N |  |
|  | 0 | CAM\_NAME |  | T\_NAME |  | N |  |
|  | 0 | TYPE |  | T\_PTYPE |  | Y |  |
|  | 0 | STATUS | 正常/禁用 | T\_STATUS |  | N |  |
|  | 0 | LOCATION | 所在位置 | T\_DESC |  | Y |  |
|  | 0 | IP | 地址 | T\_ID |  | N |  |
|  | 0 | PORT | 端口号 | N 6 |  | N |  |
|  | 0 | ACCOUNT | 登录账号 | T\_ID |  | N |  |
|  | 0 | PASSWORD | 密码 | T\_ID |  | N |  |
|  | 0 | DEPT\_ID |  | T\_ID |  | Y |  |
|  | 0 | DEPT\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | CREATE\_TIME |  | D |  | Y |  |
|  | 0 | CREATE\_USER |  | T\_ID |  | Y |  |
|  | 0 | UPDATE\_TIME |  | D |  | Y |  |
|  | 0 | UPDATE\_USER |  | T\_ID |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Camera Permission**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  |
|  |  | **REPDB#** **USER\_CAMERA\_PERMISSION** | USER\_CAMERA\_PERMISSION |  |  |  |  |
|  | 0 | PERM\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | PERM\_TYPE |  | T\_TYPE |  | N |  |
|  | 0 | STATUS | 状态 | T\_STATUS |  | N |  |
|  | 0 | CAM\_NO |  | T\_PKEY |  | N | refer to USER\_CAMERA |
|  | 0 | USER\_ID |  | T\_ID |  | N |  |
|  | 0 | USER\_NAME |  | T\_NAME |  | N |  |
|  | 0 | DEPT\_ID | 人员所属部门编码 | T\_ID |  | Y |  |
|  | 0 | DEPT\_NAME | 人员所属部门名称 | T\_NAME |  | Y |  |
|  | 0 | CREATE\_TIME |  | D |  | Y |  |
|  | 0 | CREATE\_USER |  | T\_ID |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

## Material Prepare and Pick 生产备料领料

**Table: Material Prepare Order Items**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB# USER\_MAT\_PREPARE\_ITEM** | USER\_MAT\_PREP\_ITEM |  |  |  |  |
|  | 0 | ITEM\_NO | Sequence no | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | PREP\_NO | Material prepare list ID | T\_PKEY |  | N | Refer to **USER\_MAT\_PREPARE\_ORDER** |
|  | 0 | STATUS | Status | T\_STATUS |  | N |  |
|  | 0 | DEF\_ID |  | T\_ID |  | N |  |
|  | 0 | DEF\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | EXT\_ID | 产品图号 | T\_ID |  | Y |  |
|  | 0 | PROD\_CODE | 产品代号 | T\_ID |  | Y |  |
|  | 0 | PROD\_MODEL | 产品型号 | T\_ID |  | Y |  |
|  | 0 | PO\_ID | 工单ID（production order） | T\_ID |  | Y |  |
|  | 0 | PLAN\_ID | 计划ID（ERP） | T\_ID |  | Y |  |
|  | 0 | DEPOT\_CODE | 库房编码 | T\_ID |  | Y |  |
|  | 0 | LOT\_ID | 序列号SN | T\_ID |  | Y |  |
|  | 0 | BATCH\_ID | 批次号 | T\_ID |  | Y |  |
|  | 0 | QUANTITY | 计划备料量 | T\_QTY |  | N |  |
|  | 0 | PREP\_QTY | 已经备料量 | T\_QTY |  | N |  |
|  | 0 | UOM\_ID |  | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Material Picking Order**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB# USER\_MAT\_PICK\_ORDER** | USER\_MAT\_PICK\_ORDER |  |  |  |  |
|  | 0 | PICK\_NO | Picklist NO | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | PICK\_ID | Picking list ID | T\_ID |  | N |  |
|  | 0 | PREP\_ID |  | T\_ID |  | Y |  |
|  | 0 | STATUS | Status | T\_STATUS |  | N |  |
|  | 0 | TYPE | type | T\_PTYPE |  | N |  |
|  | 0 | CREATE\_TIME |  | D |  | N |  |
|  | 0 | CREATE\_USER\_ID |  | T\_ID |  | N |  |
|  | 0 | UPDATE\_TIME |  | D |  | Y |  |
|  | 0 | UPDATE\_USER\_ID |  | T\_ID |  | Y |  |
|  | 0 | TASK\_ID | 任务单ID（task order） | T\_ID |  | Y |  |
|  | 0 | PO\_ID | 工单ID（production order） | T\_ID |  | Y |  |
|  | 0 | PLAN\_ID | 计划ID（ERP） | T\_ID |  | Y |  |
|  | 0 | DEPOT\_CODE | 库房编码 | T\_ID |  | Y |  |
|  | 0 | WS\_ID | 车间 | T\_ID |  | Y |  |
|  | 0 | DEF\_ID |  | T\_ID |  | Y |  |
|  | 0 | DEF\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | EXT\_ID | 产品图号 | T\_ID |  | Y |  |
|  | 0 | PROD\_CODE | 产品代号 | T\_ID |  | Y |  |
|  | 0 | PROD\_MODEL | 产品型号 | T\_ID |  | Y |  |
|  | 0 | START\_TIME |  | D |  | Y |  |
|  | 0 | END\_TIME |  | D |  | Y |  |
|  | 0 | OP\_USER\_ID |  | T\_ID |  | Y |  |
|  | 0 | INTF\_TIME | 接口调用时间 | D |  | Y |  |
|  | 0 | INTF\_RESULT | 接口调用结果 | C 255 |  | Y |  |
|  | 0 | REP\_TIME | 结果反馈时间 | D |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Picking Order Items**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#** **USER\_MAT\_PICK\_ITEM** | USER\_MAT\_PICK\_ITEM |  |  |  |  |
|  | 0 | ITEM\_NO | Picklist NO | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | PICK\_NO | Picklist NO | T\_PKEY | Y | N | Refer to **USER\_MAT\_PICK\_ORDER** |
|  | 0 | STATUS | Status | T\_STATUS |  | N |  |
|  | 0 | DEF\_ID |  | T\_ID |  | N |  |
|  | 0 | DEF\_NAME |  | T\_NAME |  | Y |  |
|  | 0 | EXT\_ID | 产品图号 | T\_ID |  | Y |  |
|  | 0 | PROD\_CODE | 产品代号 | T\_ID |  | Y |  |
|  | 0 | PROD\_MODEL | 产品型号 | T\_ID |  | Y |  |
|  | 0 | PO\_ID | 工单ID（production order） | T\_ID |  | Y |  |
|  | 0 | PLAN\_ID | 计划ID（ERP） | T\_ID |  | Y |  |
|  | 0 | DEPOT\_CODE | 库房编码 | T\_ID |  | Y |  |
|  | 0 | LOT\_ID | 序列号SN | T\_ID |  | Y |  |
|  | 0 | BATCH\_ID | 批次号 | T\_ID |  | Y |  |
|  | 0 | QUANTITY | 计划领用量 | T\_QTY |  | N |  |
|  | 0 | PREP\_QTY | 实际领用量 | T\_QTY |  | N |  |
|  | 0 | UOM\_ID |  | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

## Produce Plan 生产计划

**Table: Produce Plan**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_PRODUCE\_PLAN** | USER\_PRD\_PLAN |  |  |  |  |
|  | 0 | UPP\_NO |  | N 38 | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | UPP\_ID |  | T\_ID |  | N |  |
|  | 0 | SO\_NO |  | T\_PKEY |  | N |  |
|  | 0 | SOI\_NO |  | T\_PKEY |  | N |  |
|  | 0 | STATUS |  | T\_STATUS |  | N |  |
|  | 0 | TYPE | 类型 | T\_TYPE |  | N | A – 装配; P – 加工 |
|  | 0 | DEF\_NO | Product definition | T\_PKEY |  | N | Refer to  MM\_DEFINITION |
|  | 0 | INIT\_QTY | Quantity | T\_QTY |  | N |  |
|  | 0 | PLAN\_QTY | Quantity | T\_QTY |  | N |  |
|  | 0 | EXPD\_QTY | 已展开数量 | T\_QTY |  | N |  |
|  | 0 | UOM\_ID |  | T\_ID |  | N |  |
|  | 0 | PPR\_NO | Product production route | T\_PKEY |  | N |  |
|  | 0 | PROD\_CODE |  | T\_ID |  | Y |  |
|  | 0 | PROD\_MODEL |  | T\_ID |  | Y |  |
|  | 0 | PROD\_STAGE |  | T\_ID |  | Y |  |
|  | 0 | PROD\_BATCH |  | T\_ID |  | Y |  |
|  | 0 | DUE\_DATE | Due date | D |  | N |  |
|  | 0 | START\_TIME | Start date time | D |  | Y |  |
|  | 0 | END\_TIME | Finish date time | D |  | Y |  |
|  | 0 | INSERT\_DATE | Insert date | D |  | Y |  |
|  | 0 | UPDATE\_DATE | Update date | D |  | Y |  |
|  | 0 | INSERT\_USER\_ID | Insert user id | T\_ID |  | Y |  |
|  | 0 | UPDATE\_USER\_ID | Insert user id | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_ECP01 | 密级参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_ECP02 | 密级参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_ECP03 | 密级参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Produce Plan Relation**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_PRD\_PLAN\_EXPD** | USER\_PRD\_PLAN\_EXPD |  |  |  |  |
|  | 0 | PPO\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | UPP\_NO |  | T\_PKEY |  | N | Refer to USER\_PRODUCE\_PLAN |
|  | 0 | PO\_NO | Production order no | T\_PKEY |  | N | refer to PO\_PRODUCTION\_ORDER |
|  | 0 | QUANTITY |  | T\_QTY |  | N |  |
|  | 0 | DATI | Datetime | D |  | Y |  |
|  | 0 | USER\_ID | Insert user id | T\_ID |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

## Envelope Analysis 包络分析

**Table: Envelope Analysis**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  |
|  |  | **REPDB#USER\_ENVELOPE\_ANALYSIS** | USER\_ENVELOPE\_ANALYSIS |  |  |  |  |
|  | 0 | EA\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | TMPL\_ID | 模板编码 | T\_ID |  | N |  |
|  | 0 | TMPL\_NAME | 模板名称 | T\_NAME |  | N |  |
|  | 0 | STATUS | 状态 | T\_STATUS |  | N |  |
|  | 0 | TYPE | 类型 | T\_TYPE |  | N |  |
|  | 0 | PPR\_NO |  | T\_PKEY |  | Y |  |
|  | 0 | PPR\_ID | 工艺编码 | T\_ID |  | Y |  |
|  | 0 | PPR\_NAME | 工艺名称 | T\_NAME |  | Y |  |
|  | 0 | PPR\_VERSION | 工艺版本 | T\_ID |  | Y |  |
|  | 0 | DEF\_NO |  | T\_PKEY |  | Y |  |
|  | 0 | DEF\_VERSION | 物料版本 | T\_ID |  | Y |  |
|  | 0 | DEF\_ID | 物料编码 | T\_ID |  | Y |  |
|  | 0 | DEF\_NAME | 物料名称 | T\_NAME |  | Y |  |
|  | 0 | PDW\_ID | 产品图号 | T\_ID |  | Y |  |
|  | 0 | PRODUCT\_CODE | 产品代号 | T\_ID |  | Y |  |
|  | 0 | MODEL\_ID | 产品型号 | T\_ID |  | Y |  |
|  | 0 | INSERT\_DATE | 创建日期 | D |  | Y |  |
|  | 0 | UPDATE\_DATE | 更新日期 | D |  | Y |  |
|  | 0 | INSERT\_USER\_ID | 创建用户 | T\_ID |  | Y |  |
|  | 0 | UPDATE\_USER\_ID | 更新用户 | T\_ID |  | Y |  |
|  | 0 | REMARK | 备注 | T\_RMK |  | Y |  |

**Table: Envelope Analysis Parameter 包络分析参数**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  |
|  |  | **REPDB#USER\_EA\_PARAMETER** | USER\_EA\_PARAMETER |  |  |  |  |
|  | 0 | PAR\_NO |  | T\_PKEY | Y | N | get fr. USER\_SEQ\_NO |
|  | 0 | EA\_NO |  | T\_PKEY |  | N | refer to USER\_ENVELOPE\_ANALYSIS |
|  | 0 | PS\_NO |  | T\_PKEY |  | Y |  |
|  | 0 | PS\_ID | 工序编码 | T\_ID |  | Y |  |
|  | 0 | PS\_NAME | 工序名称 | T\_NAME |  | Y |  |
|  | 0 | PS\_TST\_NO |  | T\_PKEY |  | Y |  |
|  | 0 | TEST\_ID | 检验组编码 | T\_ID |  | Y |  |
|  | 0 | TEST\_NAME | 检验组名称 | T\_NAME |  | Y |  |
|  | 0 | PAR\_ID | 参数编码 | T\_ID |  | N |  |
|  | 0 | PAR\_NAME | 参数名称 | T\_NAME |  | N |  |
|  | 0 | MAX\_VALUE | 包络上限 | T\_PQTY |  | Y |  |
|  | 0 | MIN\_VALUE | 包络下限 | T\_PQTY |  | Y |  |
|  | 0 | UPDATE\_USER\_ID | 包络限更新用户 | T\_ID |  | Y |  |
|  | 0 | UPDATE\_DATE | 包络限更新日期 | D |  | Y |  |
|  | 0 | PAR\_POS | 参数位序 | T\_POS |  | Y |  |
|  | 0 | PAR\_TYPE | 参数类型 | T\_PTYPE |  | N |  |
|  | 0 | PRESERVE\_YN |  | T\_BOOL |  | N | Y-自动保存SR  N-不自动保存 |
|  | 0 | VALUE\_TYPE | 值类型 | T\_VTYPE |  | N | Dom: SYS\_VALUE\_TYPE |
|  | 0 | DATA\_TYPE | 数据类型 | T\_DTYPE |  | N | Dom: SYS\_DATA\_TYPE |
|  | 0 | UA\_BASE | 实时库基准路径 | T\_PATH |  | Y |  |
|  | 0 | UA\_PATH | 实时库相对路径 | T\_PATH |  | Y |  |
|  | 0 | DOM\_ID | 值域编码 | T\_ID |  | Y |  |
|  | 0 | STD\_VALUE | 标准值 | CLOB |  | Y |  |
|  | 0 | HIGH\_VALUE | 值上限 | CLOB |  | Y |  |
|  | 0 | LOW\_VALUE | 值下限 | CLOB |  | Y |  |
|  | 0 | RANGE\_TYPE | 区间类型 | T\_RTYPE |  | Y |  |
|  | 0 | PRP\_TYPE | 属性类型 | T\_PTYPE |  | Y |  |
|  | 0 | REC\_TYPE | 记录类型 | T\_PTYPE |  | Y |  |
|  | 0 | REC\_RULE | 记录规则,XML | CLOB |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

# Interface TABLES

## ERP Interface

**Table: Release Produce Plan**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#IF\_ERP\_PRODUCE\_PLAN** | IF\_ERP\_PRD\_PLAN |  |  |  |  |
|  | 0 | IFR\_NO | ReceiveNo | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | IFR\_ID |  | T\_ID |  | N |  |
|  | 0 | IFR\_TIME | Receive Time | D |  | Y |  |
|  | 0 | IFP\_TIME | Process Time | D |  | Y |  |
|  | 0 | WERKS | 工厂 | T\_ID |  | Y |  |
|  | 0 | AUART | 订单类型 | T\_ID |  | Y |  |
|  | 0 | AUFNR | 生产订单编号 | T\_ID |  | Y |  |
|  | 0 | AUFPL | 订单的工艺路线号 | T\_ID |  | Y |  |
|  | 0 | GLTRP | 计划结束日期 | D |  | Y |  |
|  | 0 | GSTRP | 计划开始日期 | D |  | Y |  |
|  | 0 | ASTKZ | 订单状态 | T\_ID |  | Y |  |
|  | 0 | GAMNG | 订单数量 | T\_QTY |  | Y |  |
|  | 0 | MEINS | 基本单位 | T\_ID |  | Y |  |
|  | 0 | PLNBEZ | 物料编码 | T\_ID |  | Y |  |
|  | 0 | MAKTX | 物料描述 | T\_NAME |  | Y |  |
|  | 0 | ZEINR | 图号 | T\_ID |  | Y |  |
|  | 0 | ZTASK | 任务号 | T\_ID |  | Y |  |
|  | 0 | ZPH | 批号 | T\_ID |  | Y |  |
|  | 0 | CHARG | 批次 | T\_ID |  | Y |  |
|  | 0 | ZMJ | 密级 | T\_ID |  | Y |  |
|  | 0 | ZJD | 阶段 | T\_ID |  | Y |  |
|  | 0 | KDAUF | 销售订单号 | T\_ID |  | Y |  |
|  | 0 | KDPOS | 销售订单行项目 | T\_ID |  | Y |  |
|  | 0 | ZKDPOSS | 产品序列号 | T\_RMK |  | Y |  |
|  | 0 | STKTX | BOM版本号 | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Release Produce Plan Processes**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB# IF\_ERP\_PROD\_PLAN\_PROCESS** | IF\_ERP\_PRD\_PLAN\_PRC |  |  |  |  |
|  | 0 | IFRC\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | IFR\_NO |  | T\_PKEY |  | N | Refer to **IF\_ERP\_PRODUCE\_PLAN** |
|  | 0 | ZTEXT | 工艺路线版本号 | T\_ID |  | Y |  |
|  | 0 | VORNR | 工序序号 | T\_ID |  | Y |  |
|  | 0 | ARBID | 工作中心 | T\_ID |  | Y |  |
|  | 0 | STEUS | 控制码 | T\_ID |  | Y |  |
|  | 0 | LTXA1 | 工序短文本 | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Post Produce Material**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#IF\_ERP\_PRODUCE\_MATERIAL** | IF\_ERP\_PRD\_MAT |  |  |  |  |
|  | 0 | IFS\_NO | Send No | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | IFS\_ID |  | T\_ID |  | N |  |
|  | 0 | IFS\_TIME | Send Time | D |  | Y |  |
|  | 0 | IFP\_TIME | Process Time | D |  | Y |  |
|  | 0 | BWART | 投料与冲销标识 | T\_ID |  | Y |  |
|  | 0 | WERKS | 工厂 | T\_ID |  | Y |  |
|  | 0 | ZMESTLDH | MES投料单据编号 | T\_ID |  | Y |  |
|  | 0 | AUFNR | 生产订单号 | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Post Produce Material Item**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB# IF\_ERP\_PROD\_MAT\_ITEM** | IF\_ERP\_PRD\_MATI |  |  |  |  |
|  | 0 | IFRC\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | IFS\_NO |  | T\_PKEY |  | N | Refer to **IF\_ERP\_PRODUCE\_MATERIAL** |
|  | 0 | KDAUF | 销售订单号 | T\_ID |  | Y |  |
|  | 0 | KDPOS | 销售订单行项目号 | T\_ID |  | Y |  |
|  | 0 | MATNR | 投料物料编码 | T\_ID |  | Y |  |
|  | 0 | ZSFYCL | 是否原材标识 | T\_ID |  | Y |  |
|  | 0 | CHARG | 投料批次号 | T\_ID |  | Y |  |
|  | 0 | MENGE | 投料数量 | T\_QTY |  | Y |  |
|  | 0 | MEINS | 计量单位 | T\_ID |  | Y |  |
|  | 0 | GERNR | 投料序列号 | T\_ID |  | Y |  |
|  | 0 | BLDAT | 投料日期 | D |  | Y |  |
|  | 0 | LGORT | 投料库存地 | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Post Produce Report**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#IF\_ERP\_PRODUCE\_REPORT** | IF\_ERP\_PRD\_REP |  |  |  |  |
|  | 0 | IFS\_NO | Send No | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | IFS\_ID |  | T\_ID |  | N |  |
|  | 0 | IFS\_TIME | Send Time | D |  | Y |  |
|  | 0 | IFP\_TIME | Process Time | D |  | Y |  |
|  | 0 | ZMESBGDH | MES报工单据编号 | T\_ID |  | Y |  |
|  | 0 | AUFNR | 生产订单号 | T\_ID |  | Y |  |
|  | 0 | ZCZBS | 报工或取消标识 | T\_ID |  | Y |  |
|  | 0 | ZQX\_MESBGH | 取消对应MES系统报工号 | T\_ID |  | Y |  |
|  | 0 | WERKS | 工厂 | T\_ID |  | Y |  |
|  | 0 | VORNR | ERP系统工序号 | T\_ID |  | Y |  |
|  | 0 | ZMINB | 工时 | T\_QTY |  | Y |  |
|  | 0 | ZEIMB | 工时单位 | T\_ID |  | Y |  |
|  | 0 | YIELD | 工序完工数量 | T\_QTY |  | Y |  |
|  | 0 | SCRAP | 报废数量 | T\_QTY |  | Y |  |
|  | 0 | MEINS | 数量单位 | T\_ID |  | Y |  |
|  | 0 | ZBG\_DATE | 报工日期 | D |  | Y |  |
|  | 0 | CONF\_TEXT | 确认文本 | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Post Produce CaveIn**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#IF\_ERP\_PRODUCE\_CAVEIN** | IF\_ERP\_PRD\_CAVEIN |  |  |  |  |
|  | 0 | IFS\_NO | Send No | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | IFS\_ID |  | T\_ID |  | N |  |
|  | 0 | IFS\_TIME | Send Time | D |  | Y |  |
|  | 0 | IFP\_TIME | Process Time | D |  | Y |  |
|  | 0 | ZMESWGDH | MES完工入库单据编号 | T\_ID |  | Y |  |
|  | 0 | AUFNR | 生产订单号 | T\_ID |  | Y |  |
|  | 0 | YIELD | 完工数量 | T\_QTY |  | Y |  |
|  | 0 | MEINS | 数量单位 | T\_ID |  | Y |  |
|  | 0 | LGORT | 收货库存地 | T\_ID |  | Y |  |
|  | 0 | CHARG | 收货批次 | T\_ID |  | Y |  |
|  | 0 | ZKDPOSS | 收货序列号 | T\_RMK |  | Y | 多个（用逗号拼接） |
|  | 0 | BUDAT | 入库日期 | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Post Warehouse Operation**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#IF\_ERP\_WM\_OPERATION** | IF\_ERP\_WM\_OP |  |  |  |  |
|  | 0 | IFR\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | IFR\_ID | Request ID | T\_ID |  | N |  |
|  | 0 | IFR\_TIME | Request Time | D |  | Y |  |
|  | 0 | IFP\_TIME | Process/Response Time | D |  | Y |  |
|  | 0 | MES\_MBLNR | MES处理记录单号 | T\_ID |  | Y |  |
|  | 0 | MES\_ZEILE | MES处理记录行项目 | T\_ID |  | Y |  |
|  | 0 | CSRQ | 传输日期 | T\_ID |  | Y |  |
|  | 0 | CSSJ | 传输时间 | T\_ID |  | Y |  |
|  | 0 | BLDAT | 凭证日期 | T\_ID |  | Y | MES实际处理记录日期 |
|  | 0 | BUDAT | 过账日期 | T\_ID |  | Y | MES发送日期 |
|  | 0 | MES\_ID | 操作员账号 | T\_ID |  | Y | MES操作人员账号 |
|  | 0 | MES\_NAME | 操作员姓名 | T\_ID |  | Y | MES操作人员姓名 |
|  | 0 | MATNR | 物料 | T\_ID |  | Y | 必输 |
|  | 0 | WERKS | 工厂 | T\_ID |  | Y | 必输 |
|  | 0 | LGORT | 库存地点 | T\_ID |  | Y | 必输 |
|  | 0 | CHARG | 批次 | T\_ID |  | Y | 必输 |
|  | 0 | BWART | 移动类型 | T\_ID |  | Y | 必输 |
|  | 0 | SOBKZ | 特殊库存标识 | T\_ID |  | Y | 存在销售订单时自动等于E |
|  | 0 | MENGE | 数量 | T\_ID |  | Y | 必输 |
|  | 0 | KOSTL | 成本中心 | T\_ID |  | Y | 移动类型=551、552时必输 |
|  | 0 | VBELN\_IM | 外向交货单 | T\_ID |  | Y | 非必输 |
|  | 0 | VBELP\_IM | 外向交货单行号 | T\_ID |  | Y | 非必输 |
|  | 0 | SERNR | 序列号 | CLOB |  | Y | 启用序列号必输 |
|  | 0 | SGTXT | 行项目文本 | T\_ID |  | Y | 非必输，出入库备注 |
|  | 0 | EBELN | 采购订单 | T\_ID |  | Y | 移动类型=105、106时必输 |
|  | 0 | EBELP | 采购订单行项目 | T\_ID |  | Y | 移动类型=105、106时必输 |
|  | 0 | LFBJA | 参考凭证 | T\_ID |  | Y | 移动类型=105、106时必输 |
|  | 0 | LFBNR | 参考凭证年度 | T\_ID |  | Y | 移动类型=105、106时必输 |
|  | 0 | LFPOS | 参考凭证行号 | T\_ID |  | Y | 移动类型=105、106时必输 |
|  | 0 | VFDAT | 货架寿命到期日 | T\_ID |  | Y | 非必输 |
|  | 0 | HSDAT | 生产日期 | T\_ID |  | Y | 非必输 |
|  | 0 | LIFNR | 供应商 | T\_ID |  | Y | 非必输 |
|  | 0 | MAT\_KDAUF | 销售订单 | T\_ID |  | Y | 特殊库存标识=E时必输 |
|  | 0 | MAT\_KDPOS | 销售订单号 | T\_ID |  | Y | 特殊库存标识=E时必输 |
|  | 0 | SHKZG | 借贷方 | T\_ID |  | Y | S:入库  H:出库 |
|  | 0 | REQUEST |  | CLOB |  | Y |  |
|  | 0 | RESPONSE |  | CLOB |  | Y |  |
|  | 0 | MBLNR | 物料凭证 | T\_ID |  | Y |  |
|  | 0 | MJAHR | 物料凭证年度 | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | EXT\_DATI03 | 扩展时间03 | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

* MES向ERP报告库存操作结果

**Table: Receive Warehouse Request**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#IF\_ERP\_WM\_REQUEST** | IF\_ERP\_WM\_REQ |  |  |  |  |
|  | 0 | IFR\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | IFR\_ID | Request ID | T\_ID |  | N |  |
|  | 0 | IFR\_TIME | Request Time | D |  | Y |  |
|  | 0 | IFP\_TIME | Process/Response Time | D |  | Y |  |
|  | 0 | MBLNR | 物料凭证 | T\_ID |  | Y |  |
|  | 0 | MJAHR | 物料凭证年度 | T\_ID |  | Y |  |
|  | 0 | ZEILE | 物料凭证行项目 | T\_ID |  | Y |  |
|  | 0 | BLDAT | 凭证日期 | T\_ID |  | Y |  |
|  | 0 | BUDAT | 过账日期 | T\_ID |  | Y |  |
|  | 0 | CPUDT | 输入日期 | T\_ID |  | Y |  |
|  | 0 | CPUTM | 输入时间 | T\_ID |  | Y |  |
|  | 0 | USNAM | 用户账号 | T\_ID |  | Y |  |
|  | 0 | NAME\_TEXT | 用户名称 | T\_ID |  | Y |  |
|  | 0 | XBLNR | 参照 | T\_ID |  | Y |  |
|  | 0 | BKTXT | 凭证抬头文本 | T\_ID |  | Y |  |
|  | 0 | BWART | 移动类型 | T\_ID |  | Y | 根据业务概览进行处理 |
|  | 0 | MATNR | 物料 | T\_ID |  | Y |  |
|  | 0 | WERKS | 工厂 | T\_ID |  | Y |  |
|  | 0 | LGORT | 库存地点 | T\_ID |  | Y |  |
|  | 0 | CHARG | 批次 | T\_ID |  | Y |  |
|  | 0 | SOBKZ | 特殊库存 | T\_ID |  | Y |  |
|  | 0 | SERNR | 序列号 | CLOB |  | Y |  |
|  | 0 | LIFNR | 供应商 | T\_ID |  | Y |  |
|  | 0 | KUNNR | 客户 | T\_ID |  | Y |  |
|  | 0 | EBELN | 采购订单 | T\_ID |  | Y |  |
|  | 0 | EBELP | 采购订单航项目 | T\_ID |  | Y |  |
|  | 0 | KDAUF | 销售订单 | T\_ID |  | Y |  |
|  | 0 | KDPOS | 销售订单项目 | T\_ID |  | Y |  |
|  | 0 | SHKZG | 借贷方 | T\_ID |  | Y | S:入库  H:出库 |
|  | 0 | BWTAR | 评估类型 | T\_ID |  | Y |  |
|  | 0 | MENGE | 数量 | T\_ID |  | Y |  |
|  | 0 | SGTXT | 文本 | T\_ID |  | Y |  |
|  | 0 | WEMPF | 收货方 | T\_ID |  | Y | 预留 |
|  | 0 | ABLAD | 卸货点 | T\_ID |  | Y | 预留 |
|  | 0 | KOSTL | 成本中心 | CLOB |  | Y |  |
|  | 0 | UMMAT | 接收物料 | CLOB |  | Y | 预留 |
|  | 0 | UMWRK | 接收工厂 | T\_ID |  | Y | 预留 |
|  | 0 | UMLGO | 接收库存地点 | T\_ID |  | Y | 预留 |
|  | 0 | UMCHA | 接收批次 | T\_ID |  | Y | 预留 |
|  | 0 | KZBEW | 移动标识 | T\_ID |  | Y | 预留 |
|  | 0 | HSDAT | 生产日期 | T\_ID |  | Y |  |
|  | 0 | VFDAT | 货架寿命到期日 | T\_ID |  | Y |  |
|  | 0 | CUOBJ\_CH | 内部对象编号 | T\_ID |  | Y | 预留 |
|  | 0 | EMATN | MPN物料 | T\_ID |  | Y | 可以删掉 |
|  | 0 | RSNUM | 预留 | T\_ID |  | Y |  |
|  | 0 | RSPOS | 预留行项目 | T\_ID |  | Y |  |
|  | 0 | VBELN\_IM | 交货单 | T\_ID |  | Y |  |
|  | 0 | VBELP\_IM | 交货单行项目 | T\_ID |  | Y |  |
|  | 0 | LICHA | 供应商批次 | T\_ID |  |  | 炉批号 |
|  | 0 | Z022\_008 | 复验通知单号 | T\_ID |  |  |  |
|  | 0 | Z022\_015 | 复验结果通知单号 | T\_ID |  |  |  |
|  | 0 | REQUEST |  | CLOB |  | Y |  |
|  | 0 | RESPONSE |  | CLOB |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | EXT\_DATI03 | 扩展时间03 | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

* ERP向MES发送库存请求

**Table: Warehouse Check**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#IF\_ERP\_WM\_CHECK** | IF\_ERP\_WM\_CHK |  |  |  |  |
|  | 0 | IFR\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | IFR\_ID | Request ID | T\_ID |  | N |  |
|  | 0 | IFR\_TIME | Request Time | D |  | Y |  |
|  | 0 | IFP\_TIME | Process/Response Time | D |  | Y |  |
|  | 0 | IFR\_TYPE |  | T\_TYPE |  | Y |  |
|  | 0 | MATNR | 物料编号 | T\_ID |  | Y |  |
|  | 0 | CSRQ | 日期 | T\_ID |  | Y |  |
|  | 0 | WERKS | 工厂 | T\_ID |  | Y |  |
|  | 0 | LGORT | 库存地点 | T\_ID |  | Y |  |
|  | 0 | CHARG | 批号 | T\_ID |  | Y |  |
|  | 0 | CLABS | 非限制库存 | T\_ID |  | Y |  |
|  | 0 | REQUEST |  | CLOB |  | Y |  |
|  | 0 | RESPONSE |  | CLOB |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY03 | 扩展数值03 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | EXT\_DATI03 | 扩展时间03 | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

* ERP和MES互传盘点

## ERP Interface (Simple Version)

**Table: ERP Log**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  |
|  |  | **REPDB#** **IF\_ERP\_SIMP\_LOG** | IF\_ERP\_SIMP\_LOG |  |  |  |  |
|  | 0 | LOG\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | LOG\_TIME |  | D |  | N |  |
|  | 0 | TYPE |  | T\_TYPE |  | N |  |
|  | 0 | DIRECTION |  | T\_TYPE |  | N |  |
|  | 0 | REQUEST\_JSON | 请求json | CLOB |  | Y |  |
|  | 0 | RESPONSE\_JSON | 返回的json | CLOB |  | Y |  |
|  | 0 | STATUS | 结果 | T\_STATUS |  | N | Y-成功; N-失败 |
|  | 0 | IS\_PROCESSED |  | T\_BOOL |  | Y |  |
|  | 0 | ERROR\_MSG | 异常信息 | CLOB |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Release Produce Plan**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  |
|  |  | **REPDB#IF\_ERP\_SIMP\_PLAN** | IF\_ERP\_SIMP\_PLAN |  |  |  |  |
|  | 0 | PLAN\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | PLAN\_ID |  | T\_ID |  | N |  |
|  | 0 | STATUS |  | T\_STATUS |  | N | N-新建;E-展开;  A-执行;F-完成;  C-取消 |
|  | 0 | PSPID | ERP项目编码 | T\_ID |  | N |  |
|  | 0 | ZPOST | 项目描述 | T\_NAME |  | Y |  |
|  | 0 | PISID | 二层WBS编码 | T\_ID |  | N |  |
|  | 0 | POST1 | 二层WBS描述 | T\_NAME |  | Y |  |
|  | 0 | AUFPL | 网络编码 | T\_ID |  | N |  |
|  | 0 | KTEXT | 网络编码描述 | T\_NAME |  | Y |  |
|  | 0 | APLZL | 计数器 | T\_ID |  | N |  |
|  | 0 | LTXA1 | 工作内容 | T\_RMK |  | Y |  |
|  | 0 | ZWCBZ | 完成标志 | T\_RMK |  | Y |  |
|  | 0 | ZJFW | 交付物 | T\_RMK |  | Y |  |
|  | 0 | NTANF | 基本开始日期 | T\_ID |  | Y |  |
|  | 0 | NTEND | 基本完成日期 | T\_ID |  | Y |  |
|  | 0 | ARBPL | 工作中心 | T\_ID |  | Y |  |
|  | 0 | ZZCDDW | 责任人 | T\_RMK |  | Y |  |
|  | 0 | USR00 | 身份证号码 | T\_ID |  | Y |  |
|  | 0 | VBKZ | 活动状态 | T\_ID |  | Y |  |
|  | 0 | START\_TIME | 实际开始时间 | D |  | Y |  |
|  | 0 | END\_TIME | 实际完成时间 | D |  | Y |  |
|  | 0 | DISP\_QTY | 派发数量 | T\_QTY |  | Y |  |
|  | 0 | PRD\_QTY | 生产完工数量 | T\_QTY |  | Y |  |
|  | 0 | QLY\_QTY | 合格数量 | T\_QTY |  | Y |  |
|  | 0 | SCRAP\_QTY | 报废数量 | T\_QTY |  | Y |  |
|  | 0 | REWORK\_QTY | 返工数量 | T\_QTY |  | Y |  |
|  | 0 | DGRADE\_QTY | 降级数量 | T\_QTY |  | Y |  |
|  | 0 | CREATE\_TIME | 创建时间 | D |  | Y |  |
|  | 0 | CREATE\_USER | 创建用户 | T\_ID |  | Y |  |
|  | 0 | UPDATE\_TIME | 上次修改时间 | D |  | Y |  |
|  | 0 | UPDATE\_USER | 上次修改用户 | T\_ID |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

-网络计数器+编码确认唯一性

## PDM Interface

**Table: PDM Notify Messages**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#IF\_PDM\_NOTIFY\_MESSAGE** | IF\_PDM\_NTF\_MSG |  |  |  |  |
|  | 0 | MSG\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | MSG\_TIME |  | D |  | N |  |
|  | 0 | MSG\_ID |  | T\_ID |  | N |  |
|  | 0 | MSG\_TYPE |  | T\_TYPE |  | N |  |
|  | 0 | MSG\_STATUS |  | T\_STATUS |  | N |  |
|  | 0 | CONTENT | 接口内容 | T\_EXP |  | Y |  |
|  | 0 | CONT\_DETAIL | 数据包详情 | CLOB |  | Y |  |
|  | 0 | PROC\_YN | 是否处理 | T\_STATUS |  | Y |  |
|  | 0 | PROC\_RESULT | 处理结果 | CLOB |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

## Data Transfer Log

**Table: Data Ferry Download Operation Logs**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_FERRY\_DOWNLOAD\_LOG** | USER\_FERRY\_DOWN\_LOG |  |  |  |  |
|  | 0 | LOG\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | LOG\_TIME |  | D |  | N |  |
|  | 0 | USER\_ID |  | T\_ID |  | N |  |
|  | 0 | INTF\_TYPE | 摆渡业务场景 | T\_TYPE |  | N |  |
|  | 0 | OPER\_TYPE |  | T\_TYPE |  | N |  |
|  | 0 | OPER\_STATUS |  | T\_STATUS |  | N |  |
|  | 0 | OPER\_CONT | 操作内容 | T\_RMK |  | Y |  |
|  | 0 | CONT\_ID | 关联业务编码 | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | CONT\_DETAIL |  | CLOB |  |  | Y |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: Data Ferry Upload Operation Logs**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** |  |  |  |  |  |
|  |  | **REPDB#USER\_FERRY\_UPLOAD\_LOG** | USER\_FERRY\_UP\_LOG |  |  |  |  |
|  | 0 | LOG\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | LOG\_TIME |  | D |  | N |  |
|  | 0 | USER\_ID |  | T\_ID |  | N |  |
|  | 0 | INTF\_TYPE | 摆渡业务场景 | T\_TYPE |  | N |  |
|  | 0 | OPER\_TYPE |  | T\_TYPE |  | N |  |
|  | 0 | OPER\_STATUS |  | T\_STATUS |  | N |  |
|  | 0 | OPER\_CONT | 操作内容 | T\_RMK |  | Y |  |
|  | 0 | CONT\_ID | 关联业务编码 | T\_ID |  | Y |  |
|  | 0 | EXT\_VALUE01 | 扩展参数01 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE02 | 扩展参数02 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE03 | 扩展参数03 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE04 | 扩展参数04 | T\_EXP |  | Y |  |
|  | 0 | EXT\_VALUE05 | 扩展参数05 | T\_EXP |  | Y |  |
|  | 0 | EXT\_QTY01 | 扩展数值01 | T\_QTY |  | Y |  |
|  | 0 | EXT\_QTY02 | 扩展数值02 | T\_QTY |  | Y |  |
|  | 0 | EXT\_DATI01 | 扩展时间01 | D |  | Y |  |
|  | 0 | EXT\_DATI02 | 扩展时间02 | D |  | Y |  |
|  | 0 | CONT\_DETAIL |  | CLOB |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

## Auto Line Interface

**Table: USER\_IF\_AUTOLINE\_LOG**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  |
|  |  | **REPDB#** USER\_IF\_AUTOLINE\_LOG | USER\_IF\_AUTOLINE\_LOG |  |  |  |  |
|  | 0 | LOG\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | LOG\_TIME |  | D |  | N |  |
|  | 0 | USER\_ID |  | T\_ID |  | N |  |
|  | 0 | INTF\_TYPE | 业务场景 | T\_TYPE |  | N |  |
|  | 0 | OPER\_TYPE |  | T\_TYPE |  | N |  |
|  | 0 | SOURCE | 源 | T\_ID |  | N |  |
|  | 0 | TARGET | 目标 | T\_ID |  | N |  |
|  | 0 | OPER\_STATUS |  | T\_STATUS |  | Y |  |
|  | 0 | OPER\_CONT | 操作内容 | T\_RMK |  | Y |  |
|  | 0 | CONT\_NO1 | 业务标识1 | T\_PKEY |  | Y |  |
|  | 0 | CONT\_NO2 | 业务标识2 | T\_PKEY |  | Y |  |
|  | 0 | CONT\_NO3 | 业务标识3 | T\_PKEY |  | Y |  |
|  | 0 | CONT\_NO4 | 业务标识4 | T\_PKEY |  | Y |  |
|  | 0 | CONT\_NO5 | 业务标识5 | T\_PKEY |  | Y |  |
|  | 0 | CONT\_ID1 | 业务编码1 | T\_ID |  | Y |  |
|  | 0 | CONT\_ID2 | 业务编码2 | T\_ID |  | Y |  |
|  | 0 | CONT\_ID3 | 业务编码3 | T\_ID |  | Y |  |
|  | 0 | CONT\_ID4 | 业务编码4 | T\_ID |  | Y |  |
|  | 0 | CONT\_ID5 | 业务编码5 | T\_ID |  | Y |  |
|  | 0 | CONT\_DETAIL |  | CLOB |  | Y |  |
|  | 0 | CONT\_RESPONSE | 响应数据 | CLOB |  | Y |  |
|  | 0 | REMARK |  | T\_RMK |  | Y |  |

**Table: USER\_DOWN\_TIME\_REC**

| **No** | **Lvl** | **Field Name** | **Field Description** | **Type** | **PK** | **Null?** | **Values/ Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **CONTYPE#DB** | EXT |  |  |  |  |
|  |  | **REPDB#** USER\_DOWN\_TIME\_REC | USER\_DT\_REC |  |  |  |  |
|  | 0 | REC\_NO |  | T\_PKEY | Y | N | Get fr. USER\_SEQ\_NO |
|  | 0 | REC\_TIME |  | D |  | N |  |
|  | 0 | DATI | 日期 | D |  | Y |  |
|  | 0 | EQP\_ID | 设备编码 | T\_ID |  | Y |  |
|  | 0 | EQP\_NAME | 设备名称 | T\_NAME |  | Y |  |
|  | 0 | START\_TIME | 开始时间 | D |  | Y |  |
|  | 0 | END\_TIME | 结束时间 | D |  | Y |  |
|  | 0 | MODE | 设备模式 | T\_NAME |  | Y |  |
|  | 0 | STATUS | 设备状态 | T\_NAME |  | Y |  |
|  | 0 | ERR\_CODE | 故障码 | T\_ID |  | Y |  |
|  | 0 | ERR\_REASON | 故障原因描述 | T\_RMK |  | Y |  |