中国石油销售物流管理系统（2.0版）详细设计报告

功能代码：DTM.01.06.03

功能名称：配送计划调整

中国石油规划总院（北京中陆咨询有限公司）

2016年1月

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# 概述

## 对象概览[业务]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 概要设计  功 能 | DTM.01.06.03 | | | 配送计划调整 |
|  | | |  |
| 对象编码 | DTM.01.06.03 | | | |
| 对象名称 | 配送计划调整 | | | |
| 所属模块 | 调运管理 | | | |
| 开发属性 | F 功能  R 报表  E 增强  B 表单  W 工作流  O其它 | | | |
| I接口 | 相关系统/模块 | 开发属性为“接口”时[必填] | |
| 优先级 | 高 | 复杂度 | 高 | |
| 系统已有相似对象 | 编码 |  | | |
| 名称 |  | | |

F 功能：指对业务流程的管理功能，新增时选择

R 报表：要开发报表时选择

E 增强：指对成型软件不满足需求要做改进时选择

B 表单：打印/导出的表单时选择

W 工作流：使用工作流时选择

I接口：做接口时选择，包括与外围接口和内部接口

O其它：以上内容不适合时选择

## 参考对象[业务]

## 参考文件[业务]

中国石油销售物流管理系统（2.0版）\_ZT\_XQ\_需求分析报告20150703—章节4.2.1.2调运管理

中国石油销售物流管理系统（2.0版）\_ZT\_SD\_概要设计报告20150805—章节DTM.01.06配送管理

# 设计说明

## 权限需求[业务]

成品油二级分公司人员使用；

二级分公司具有调整、保存、查询、导出和提交等权限。

## 性能要求[业务]

每日总记录数约为1900条记录

每个用户每次调整约为20条记录

每次最大并发数用户数100个左右

## 运行频率时间[业务]

每天上午8点开始，发生频率为随时，频率最高时段是下午4:00-5:30,每个用户使用约为20次左右

## 功能运行条件[业务]

## 功能设计

### 初始化[业务]

配送计划查询浏览页面



补充：1、增加统计行：记录条数、油量计划量、实际发油量

2、增加导出功能：按照配送计划导出、按照配送单导出

3、增加付油反馈信息和收油反馈信息

4、配送计划状态：

* 进入页面菜单项：主菜单->调运管理->配送计划综合查询

主要查询选项

* 业务类型：
* 配送日期:手工选择日期范围
* 配送计划号：手工输入
* 配送中心：
* 配送单号：
* 付油机构：
* 收油机构：
* 车辆号：

次要查询选项：

承运商：

车队：

司机：

生成方式：

提油日期：

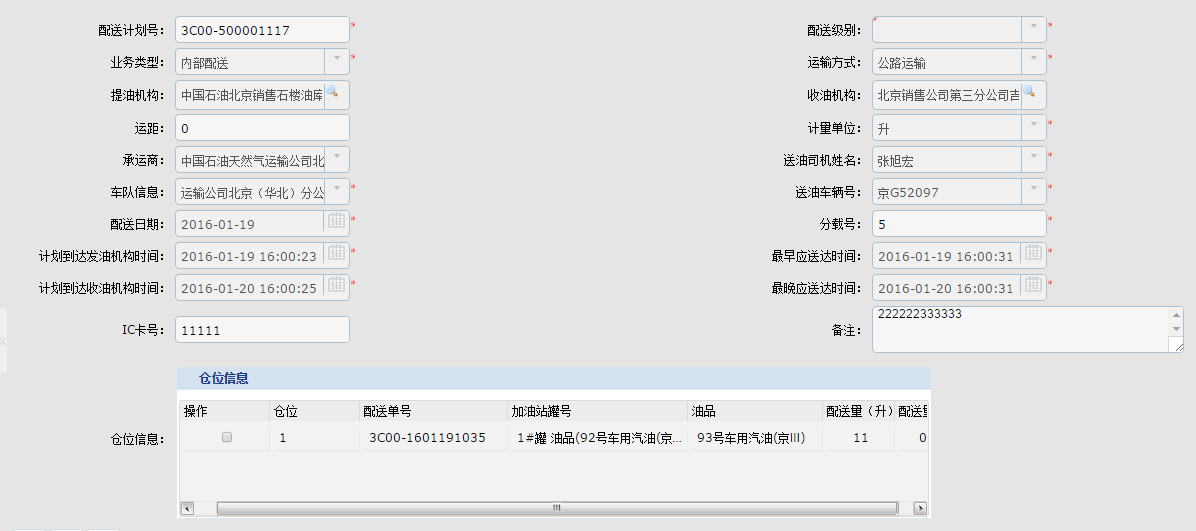
出库日期：

有效日期：

油品信息：

配送计划状态：

查看配送计划



### 用户接口[业务]

### 业务规则[业务]

数据来源于已经生成的配送计划；

#### 加油站配送

SELECT

DP.ID AS distribPlanId,

DP.DISTRIB\_PLAN\_CODE AS distribPlanCode,

DP.DISPATCH\_DATE AS dispatchDate,

DP.VALID\_DATE AS validDate,

DP.MOVE\_TYPE AS moveType,

DP.MOVE\_NAME AS moveName,

DP.DEPT\_ID\_FROM AS deptIdFrom,

DP.DEPT\_CODE\_FROM AS deptCodeFrom,

DP.DEPT\_NAME\_FROM AS deptNameFrom,

DP.DEPT\_ID\_TO AS deptIdTo,

DP.DEPT\_CODE\_TO AS deptCodeTo,

DP.DEPT\_NAME\_TO AS deptNameTo,

DP.CARRIER\_ID AS carrierId,

DP.CARRIER\_CODE AS carrierCode,

DP.CARRIER\_NAME AS carrierName,

DP.CARRIER\_TEAM\_ID AS carrierTeamId,

DP.CARRIER\_TEAM\_CODE AS carrierTeamCode,

DP.CARRIER\_TEAM\_NAME AS carrierTeamName,

DP.OIL\_TANKER\_ID AS oilTankerId,

DP.OIL\_TANKER\_NUM AS oilTankerNum,

DP.IC\_CODE AS icCode,

DP.DRIVER\_ID AS driverId,

DP.DRIVER\_NAME AS driverName,

DP.PLAN\_ARRIVAL\_DATE AS planArrivalDate,

DP.SPLIT\_NUMBER AS splitNumber,

DP.PLAN\_GEN\_TYPE AS planGenType,

DP.EARLY\_SEND\_TIME AS earlySendTime,

DP.LATE\_SEND\_TIME AS lateSendTime,

DP.DISTRIB\_PLAN\_STATUS AS distribPlanStatus,

DP.UNIT AS unit,

DP.AREA\_ID AS areaId,

DP.DISTRIB\_PLAN\_STATUS AS distribPlanStatus,

nvl(DP.STATION\_FEED\_BACK\_STATUS,0) AS stationFeedBackStatus,

nvl(DP.STORAGE\_FEED\_BACK\_STATUS,0) AS storageFeedBackStatus,

DPD.ID AS distribDtlId,

DPD.DISTRIB\_DTL\_CODE AS distribDtlCode,

DPD.CONVEYANCE\_TANK\_NUM AS conveyanceTankNum,

DPD.STATION\_POT\_ID AS stationPotId,

DPD.STATION\_POT\_NUM AS stationPotNum,

DPD.PRODUCT\_ID AS productId,

DPD.PRODUCT\_NAME AS productName,

DPD.PRODUCT\_CODE AS productCode,

DPD.QUANTITY AS quantity,

DPD.DISTANCE AS distance,

DPD.QUANTITY\_UOM AS quantityUom,

DPD.QUANTITY\_SWITCH AS quantitySwitch,

DPD.QUANTITY\_UOM\_SWITCH AS quantityUomSwitch,

DPO.FYSJ AS FYSJ,

DPO.CKSJ AS CKSJ,

dpo.REAL\_PAY\_WEIGHT AS realPayweight

FROM DTM\_DIST\_PLAN\_STAT DP

INNER JOIN DTM\_DIST\_PLAN\_DTL\_STAT DPD ON DPD.DISTRIB\_PLAN\_ID = DP.ID

LEFT JOIN DTM\_DIST\_PLAN\_DPO\_STAT DPO ON DPO.DISTRIB\_DTL\_ID = DPD.ID

LEFT JOIN DTM\_DIST\_PLAN\_DRO\_STAT DRO ON DPO.DISTRIB\_DTL\_ID = DPD.ID

#### 客户配送

SELECT

DP.ID AS distribPlanId,

DP.DISTRIB\_PLAN\_CODE AS distribPlanCode,

DP.DISPATCH\_DATE AS dispatchDate,

DP.VALID\_DATE AS validDate,

DP.MOVE\_TYPE AS moveType,

DP.MOVE\_NAME AS moveName,

DP.DEPT\_ID\_FROM AS deptIdFrom,

DP.DEPT\_CODE\_FROM AS deptCodeFrom,

DP.DEPT\_NAME\_FROM AS deptNameFrom,

DP.DEPT\_ID\_TO AS deptIdTo,

DP.DEPT\_CODE\_TO AS deptCodeTo,

DP.DEPT\_NAME\_TO AS deptNameTo,

DP.CARRIER\_ID AS carrierId,

DP.CARRIER\_CODE AS carrierCode,

DP.CARRIER\_NAME AS carrierName,

DP.CARRIER\_TEAM\_ID AS carrierTeamId,

DP.CARRIER\_TEAM\_CODE AS carrierTeamCode,

DP.CARRIER\_TEAM\_NAME AS carrierTeamName,

DP.OIL\_TANKER\_ID AS oilTankerId,

DP.OIL\_TANKER\_NUM AS oilTankerNum,

DP.IC\_CODE AS icCode,

DP.DRIVER\_ID AS driverId,

DP.DRIVER\_NAME AS driverName,

DP.PLAN\_ARRIVAL\_DATE AS planArrivalDate,

DP.SPLIT\_NUMBER AS splitNumber,

DP.PLAN\_GEN\_TYPE AS planGenType,

DP.EARLY\_SEND\_TIME AS earlySendTime,

DP.LATE\_SEND\_TIME AS lateSendTime,

DP.DISTRIB\_PLAN\_STATUS AS distribPlanStatus,

DP.UNIT AS unit,

DP.AREA\_ID AS areaId,

DP.DISTRIB\_PLAN\_STATUS AS distribPlanStatus,

nvl(DP.STATION\_FEED\_BACK\_STATUS,0) AS stationFeedBackStatus,

nvl(DP.STORAGE\_FEED\_BACK\_STATUS,0) AS storageFeedBackStatus,

DPD.ID AS distribDtlId,

DPD.DISTRIB\_DTL\_CODE AS distribDtlCode,

DPD.CONVEYANCE\_TANK\_NUM AS conveyanceTankNum,

DPD.STATION\_POT\_ID AS stationPotId,

DPD.STATION\_POT\_NUM AS stationPotNum,

DPD.PRODUCT\_ID AS productId,

DPD.PRODUCT\_NAME AS productName,

DPD.PRODUCT\_CODE AS productCode,

DPD.QUANTITY AS quantity,

DPD.DISTANCE AS distance,

DPD.QUANTITY\_UOM AS quantityUom,

DPD.QUANTITY\_SWITCH AS quantitySwitch,

DPD.QUANTITY\_UOM\_SWITCH AS quantityUomSwitch,

DPO.FYSJ AS FYSJ,

DPO.CKSJ AS CKSJ,

dpo.REAL\_PAY\_WEIGHT AS realPayweight

FROM DTM\_DIST\_PLAN\_CUST DP

INNER JOIN DTM\_DIST\_PLAN\_DTL\_CUST DPD ON DPD.DISTRIB\_PLAN\_ID = DP.ID

LEFT JOIN DTM\_DIST\_PLAN\_DPO\_CUST DPO ON DPO.DISTRIB\_DTL\_ID = DPD.ID

LEFT JOIN DTM\_DIST\_PLAN\_DRO\_CUST DRO ON DPO.DISTRIB\_DTL\_ID = DPD.ID

#### 站间调拨

SELECT

DP.ID AS distribPlanId,

DP.DISTRIB\_PLAN\_CODE AS distribPlanCode,

DP.DISPATCH\_DATE AS dispatchDate,

DP.VALID\_DATE AS validDate,

DP.MOVE\_TYPE AS moveType,

DP.MOVE\_NAME AS moveName,

DP.DEPT\_ID\_FROM AS deptIdFrom,

DP.DEPT\_CODE\_FROM AS deptCodeFrom,

DP.DEPT\_NAME\_FROM AS deptNameFrom,

DP.DEPT\_ID\_TO AS deptIdTo,

DP.DEPT\_CODE\_TO AS deptCodeTo,

DP.DEPT\_NAME\_TO AS deptNameTo,

DP.CARRIER\_ID AS carrierId,

DP.CARRIER\_CODE AS carrierCode,

DP.CARRIER\_NAME AS carrierName,

DP.CARRIER\_TEAM\_ID AS carrierTeamId,

DP.CARRIER\_TEAM\_CODE AS carrierTeamCode,

DP.CARRIER\_TEAM\_NAME AS carrierTeamName,

DP.OIL\_TANKER\_ID AS oilTankerId,

DP.OIL\_TANKER\_NUM AS oilTankerNum,

DP.IC\_CODE AS icCode,

DP.DRIVER\_ID AS driverId,

DP.DRIVER\_NAME AS driverName,

DP.PLAN\_ARRIVAL\_DATE AS planArrivalDate,

DP.SPLIT\_NUMBER AS splitNumber,

DP.PLAN\_GEN\_TYPE AS planGenType,

DP.EARLY\_SEND\_TIME AS earlySendTime,

DP.LATE\_SEND\_TIME AS lateSendTime,

DP.DISTRIB\_PLAN\_STATUS AS distribPlanStatus,

DP.UNIT AS unit,

DP.AREA\_ID AS areaId,

DP.DISTRIB\_PLAN\_STATUS AS distribPlanStatus,

nvl(DP.STATION\_FEED\_BACK\_STATUS,0) AS stationFeedBackStatus,

nvl(DP.STORAGE\_FEED\_BACK\_STATUS,0) AS storageFeedBackStatus,

DPD.ID AS distribDtlId,

DPD.DISTRIB\_DTL\_CODE AS distribDtlCode,

DPD.CONVEYANCE\_TANK\_NUM AS conveyanceTankNum,

DPD.STATION\_POT\_ID AS stationPotId,

DPD.STATION\_POT\_NUM AS stationPotNum,

DPD.PRODUCT\_ID AS productId,

DPD.PRODUCT\_NAME AS productName,

DPD.PRODUCT\_CODE AS productCode,

DPD.QUANTITY AS quantity,

DPD.DISTANCE AS distance,

DPD.QUANTITY\_UOM AS quantityUom,

DPD.QUANTITY\_SWITCH AS quantitySwitch,

DPD.QUANTITY\_UOM\_SWITCH AS quantityUomSwitch,

DPO.FYSJ AS FYSJ,

DPO.CKSJ AS CKSJ,

dpo.REAL\_PAY\_WEIGHT AS realPayweight

FROM DTM\_DIST\_PLAN\_TRAN DP

INNER JOIN DTM\_DIST\_PLAN\_DTL\_TRAN DPD ON DPD.DISTRIB\_PLAN\_ID = DP.ID

LEFT JOIN DTM\_DIST\_PLAN\_DPO\_TRAN DPO ON DPO.DISTRIB\_DTL\_ID = DPD.ID

LEFT JOIN DTM\_DIST\_PLAN\_DRO\_TRAN DRO ON DPO.DISTRIB\_DTL\_ID = DPD.ID

#### 移库

SELECT

DP.ID AS distribPlanId,

DP.DISTRIB\_PLAN\_CODE AS distribPlanCode,

DP.DISPATCH\_DATE AS dispatchDate,

DP.VALID\_DATE AS validDate,

DP.MOVE\_TYPE AS moveType,

DP.MOVE\_NAME AS moveName,

DP.DEPT\_ID\_FROM AS deptIdFrom,

DP.DEPT\_CODE\_FROM AS deptCodeFrom,

DP.DEPT\_NAME\_FROM AS deptNameFrom,

DP.DEPT\_ID\_TO AS deptIdTo,

DP.DEPT\_CODE\_TO AS deptCodeTo,

DP.DEPT\_NAME\_TO AS deptNameTo,

DP.CARRIER\_ID AS carrierId,

DP.CARRIER\_CODE AS carrierCode,

DP.CARRIER\_NAME AS carrierName,

DP.CARRIER\_TEAM\_ID AS carrierTeamId,

DP.CARRIER\_TEAM\_CODE AS carrierTeamCode,

DP.CARRIER\_TEAM\_NAME AS carrierTeamName,

DP.OIL\_TANKER\_ID AS oilTankerId,

DP.OIL\_TANKER\_NUM AS oilTankerNum,

DP.IC\_CODE AS icCode,

DP.DRIVER\_ID AS driverId,

DP.DRIVER\_NAME AS driverName,

DP.PLAN\_ARRIVAL\_DATE AS planArrivalDate,

DP.SPLIT\_NUMBER AS splitNumber,

DP.PLAN\_GEN\_TYPE AS planGenType,

DP.EARLY\_SEND\_TIME AS earlySendTime,

DP.LATE\_SEND\_TIME AS lateSendTime,

DP.DISTRIB\_PLAN\_STATUS AS distribPlanStatus,

DP.UNIT AS unit,

DP.AREA\_ID AS areaId,

DP.DISTRIB\_PLAN\_STATUS AS distribPlanStatus,

nvl(DP.STATION\_FEED\_BACK\_STATUS,0) AS stationFeedBackStatus,

nvl(DP.STORAGE\_FEED\_BACK\_STATUS,0) AS storageFeedBackStatus,

DPD.ID AS distribDtlId,

DPD.DISTRIB\_DTL\_CODE AS distribDtlCode,

DPD.CONVEYANCE\_TANK\_NUM AS conveyanceTankNum,

DPD.STATION\_POT\_ID AS stationPotId,

DPD.STATION\_POT\_NUM AS stationPotNum,

DPD.PRODUCT\_ID AS productId,

DPD.PRODUCT\_NAME AS productName,

DPD.PRODUCT\_CODE AS productCode,

DPD.QUANTITY AS quantity,

DPD.DISTANCE AS distance,

DPD.QUANTITY\_UOM AS quantityUom,

DPD.QUANTITY\_SWITCH AS quantitySwitch,

DPD.QUANTITY\_UOM\_SWITCH AS quantityUomSwitch,

DPO.FYSJ AS FYSJ,

DPO.CKSJ AS CKSJ,

dpo.REAL\_PAY\_WEIGHT AS realPayweight

FROM DTM\_DIST\_PLAN\_MOVE DP

INNER JOIN DTM\_DIST\_PLAN\_DTL\_MOVE DPD ON DPD.DISTRIB\_PLAN\_ID = DP.ID

LEFT JOIN DTM\_DIST\_PLAN\_DPO\_MOVE DPO ON DPO.DISTRIB\_DTL\_ID = DPD.ID

LEFT JOIN DTM\_DIST\_PLAN\_DRO\_MOVE DRO ON DPO.DISTRIB\_DTL\_ID = DPD.ID

#### 过滤条件

Where

业务类型： DP.MOVE\_TYPE =

配送日期: DP.DISPATCH\_DATE

配送计划号：DP.DISTRIB\_PLAN\_CODE

配送中心：DP.AREA\_ID

配送单号：DPD.DISTRIB\_DTL\_CODE

付油机构：DP.DEPT\_ID\_FROM

收油机构：DP.DEPT\_ID\_TO

车辆号：DP.OIL\_TANKER\_NUM

承运商：DP.CARRIER\_ID

车队：DP.CARRIER\_TEAM\_ID

司机：DP.DRIVER\_ID

生成方式：DP.PLAN\_GEN\_TYPE

提油日期：DPO.FYSJ

出库日期：DPO.CKSJ

有效日期：DP.VALID\_DATE

油品信息：DPD.PRODUCT\_ID

配送计划状态：DP.DISTRIB\_PLAN\_STATUS

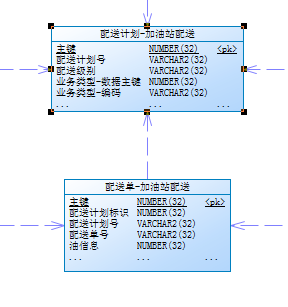
#### 组合

每个业务类型先查询后再UNION

### 组件处理流程

## 数据结构

### 数据结构关系



注：配送计划与配送单为，一对多关系。

### 业务容量分析[业务]

|  |  |  |
| --- | --- | --- |
| 条数/月 | 条数/年 | 备注 |
| 73500 | 882000 | 1.0系统2015年6月月配送计划单量493350条,按照最好上车率80%计算,考虑其他因素配送计划调整率应该暂定15%调整率计算(同时考虑上车在retail中已经完成调整) |

### 数据库容量分析

|  |  |  |  |
| --- | --- | --- | --- |
| 表名 | 条数/月 | 条数/年 | 备注 |
| CARD\_APPLICATION\_T | 2 | 29 | 参考二配生产系统2014年数据，月数据取年数据平均值 |
| CARD\_TASK\_T | 2 | 24 |

### 数据字段说明

#### 通用说明

主要数据库表皆包含一个ID主键字段，该字段为Oracle Sequence机制生成递增的数字序列值；

主要数据表皆包含多个用于跟踪、日志记录变更信息的字段，每个表中不单独说明含义，在此整体说明：

#### 数据库说明

|  |  |  |
| --- | --- | --- |
| **Tables** | | |
| **Name** | **Sequence** | **Comment** |
| DTM\_DIST\_PLAN\_STAT | SEQ\_DTM\_DIST\_PLAN\_STAT | 配送计划-加油站配送 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Code** | **Data Type** | **Length** | **Precision** | **P** | **F** | **M** |
| 主键 | ID | NUMBER(32) | 32 |  | X |  | X |
| 配送计划号 | DISTRIB\_PLAN\_CODE | VARCHAR2(32) | 32 |  |  |  | X |
| 配送级别 | DISTRIB\_LEVEL | VARCHAR2(32) | 32 |  |  |  | X |
| 业务类型-数据主键 | MOVE\_TYPE | NUMBER(32) | 32 |  |  |  | X |
| 业务类型-编码 | MOVE\_CODE | VARCHAR2(32) | 32 |  |  |  |  |
| 业务类型-名称 | MOVE\_NAME | VARCHAR2(256) | 256 |  |  |  |  |
| 运输方式-数据主键 | TRANSPORT\_ID | NUMBER(32) | 32 |  |  |  | X |
| 运输方式-代码 | TRANSPORT\_MODEL | VARCHAR2(32) | 32 |  |  |  |  |
| 发油机构-数据主键 | DEPT\_ID\_FROM | NUMBER(32) | 32 |  |  |  | X |
| 发油机构-代码 | DEPT\_CODE\_FROM | VARCHAR2(32) | 32 |  |  |  |  |
| 发油机构-名称 | DEPT\_NAME\_FROM | VARCHAR2(256) | 256 |  |  |  |  |
| 收油机构-数据主键 | DEPT\_ID\_TO | NUMBER(32) | 32 |  |  |  | X |
| 收油机构-代码 | DEPT\_CODE\_TO | VARCHAR2(32) | 32 |  |  |  |  |
| 收油机构-名称 | DEPT\_NAME\_TO | VARCHAR2(256) | 256 |  |  |  |  |
| 承运商-数据主键 | CARRIER\_ID | NUMBER(32) | 32 |  |  |  |  |
| 承运商-代码 | CARRIER\_CODE | VARCHAR2(32) | 32 |  |  |  |  |
| 承运商-名称 | CARRIER\_NAME | VARCHAR2(256) | 256 |  |  |  |  |
| 车队信息 | CARRIER\_TEAM\_ID | NUMBER(32) | 32 |  |  |  | X |
| 车队名称 | CARRIER\_TEAM\_NAME | VARCHAR2(256) | 256 |  |  |  |  |
| 驾驶员 | DRIVER\_ID | NUMBER(32) | 32 |  |  |  | X |
| 驾驶员姓名 | DRIVER\_NAME | VARCHAR2(256) | 256 |  |  |  |  |
| 车辆号 | OIL\_TANKER\_ID | VARCHAR2(32) | 32 |  |  |  | X |
| 车牌号 | OIL\_TANKER\_NUM | VARCHAR2(32) | 32 |  |  |  |  |
| RETAIL车辆号 | RETAIL\_TANKER\_ID | VARCHAR2(32) | 32 |  |  |  |  |
| 油品-数据主键 | PRODUCT\_ID | NUMBER(32) | 32 |  |  |  | X |
| 产品编码 | PRODUCT\_CODE | VARCHAR2(32) | 32 |  |  |  |  |
| 产品名称 | PRODUCT\_NAME | VARCHAR2(256) | 256 |  |  |  |  |
| 配送量 | QUANTITY | NUMBER(15,3) | 15 | 3 |  |  | X |
| 计量单位(体积升(V20) 吨) | UNIT | VARCHAR2(32) | 32 |  |  |  | X |
| 配送日期 | DISPATCH\_DATE | TIMESTAMP |  |  |  |  | X |
| 分载号 | SPLIT\_NUMBER | VARCHAR2(256) | 256 |  |  |  |  |
| 计划到达发油机构时间 | PLAN\_ARRIVAL\_DATE | TIMESTAMP |  |  |  |  | X |
| 最早应送达时间 | EARLY\_SEND\_TIME | TIMESTAMP |  |  |  |  | X |
| 计划到达收油机构时间 | PLAN\_EXECUTE\_DATE | TIMESTAMP |  |  |  |  | X |
| 最晚应送达时间 | LATE\_SEND\_TIME | TIMESTAMP |  |  |  |  | X |
| 备注 | NOTE | VARCHAR2(256) | 256 |  |  |  |  |
| 创建人 | CREATED\_BY | VARCHAR2(32) | 32 |  |  |  | X |
| 创建时间 | CREATED\_TIME | TIMESTAMP |  |  |  |  | X |
| 最后修改人 | UPDATED\_BY | VARCHAR2(32) | 32 |  |  |  | X |
| 最后修改时间 | UPDATED\_TIME | TIMESTAMP |  |  |  |  | X |
| 配送中心 | AREA\_ID | VARCHAR2(32) | 32 |  |  |  |  |
| 有效日期 | VALID\_DATE | TIMESTAMP |  |  |  |  |  |
| 计划生成类型 | PLAN\_GEN\_TYPE | VARCHAR2(256) | 256 |  |  |  | X |
| 配送计划状态 | DISTRIB\_PLAN\_STATUS | NUMBER(10) | 10 |  |  |  | X |
| 配送计划监控状态（选单、入库、付油、出库、进站、出站） | MONITOR\_STATUS | NUMBER(10) | 10 |  |  |  |  |
| 配送计划变更状态 | PLAN\_CHANGE\_STATUS | NUMBER(10) | 10 |  |  |  |  |
| 是否上报收油反馈 | STATION\_FEED\_BACK\_STATUS | NUMBER(32) | 32 |  |  |  |  |
| 是否上报付油反馈 | STORAGE\_FEED\_BACK\_STATUS | NUMBER(32) | 32 |  |  |  |  |
| 付油反馈来源 | STORAGE\_FEED\_BACK\_GEN\_STATUS | NUMBER(32) | 32 |  |  |  |  |
| 收油反馈来源 | STATION\_FEED\_BACK\_GEN\_STATUS | NUMBER(32) | 32 |  |  |  |  |
| 结算公司代码确认状态 | SETTLEMENT\_CODE\_STATUS | NUMBER(32) | 32 |  |  |  |  |
| 撤销下发状态 | CANCEL\_SEND\_STATUS | NUMBER(32) | 32 |  |  |  |  |
| IC卡 | IC\_CODE | VARCHAR2(32) | 32 |  |  |  |  |
| erp公司编码 | ERP\_COMPANY | VARCHAR2(32) | 32 |  |  |  |  |
| erp业务单元 | ERP\_PLANT | VARCHAR2(32) | 32 |  |  |  |  |
| erp营业室 | ERP\_STOCK | VARCHAR2(32) | 32 |  |  |  |  |
| 大区ERP运单ID | DQERP\_ID | VARCHAR2(32) | 32 |  |  |  |  |

## 表单/输出[业务]

### 输出布局设计

需要导出的格式



### 打印要求

A4，横向

### 法律法规相关要求

无

### 现有表单样张

配送计划导入模板如下：



## 接口

### 输入

库存主码、业务类型、公司代码、工厂代码、库房代码、岗位代码、移动类型、物料代码、炉号、批次号、件次号、。。。。。。。检验申请单、机车号、班次、班组、入库人、入库时间

### 处理流程图

### 处理流程说明

1. 输入参数的判断：
   * 数据类型判断；
   * 参数是否存在判断
2. 参数正确判断
   * 不成功：返回错误消息，必须有错误的详细说明，要求岗位工能够看明白；
   * 成功：继续
3. 事务提交，

### 输出

* + 成功：返回参数，Y-入库表【TSTOCK\_IN】的数据主码，例如返回：Y-410810123456
  + 失败：返回参数，N-错误原因；

### 频率

由业务确定

### 文件要求

### 映射关系

## 报表输出[业务]

### 输出方式

### 布局明细

## 工作流[业务]

### 触发事件

无

### 规则及决定

无

# 附件