

Potter Group

Selby Container Yard Requirements

CALIDUS WMS

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1 TCM Container Yard

This page is intended to show some of the technical details for TCM/Terminal Container Management/Container Yard and related WMS tables.

1.1 Container Yard Tables

TABLE_NAME	DESCRIPTION
CY_CONTAINER_OWNER	Links to WMS Owner
CY_JOB	Jobs
CY_JOB_VEHICLE	Vehicles doing a job
CY_ACCOUNT	Accounts
CY_CONTAINERS	The actual containers
CY_MOVES	Every move of containers that has ever taken place
CY_SIGNATURES	Driver/haulier signatures (ToC)

CY_SIGNATURES

COLUMN_NAME	DATA_TYPE
CREATED_DATETIME	DATE
SIGNATURE	BLOB
SIGNATURE_ID	NUMBER
CY_MOVES	

COLUMN_NAME	DATA_TYPE
ORDER_NO	VARCHAR2
SERVICE	VARCHAR2
CARRIER	VARCHAR2
HAULIER_CODE	VARCHAR2
REGISTRATION	VARCHAR2
TYPE_CODE	VARCHAR2
MOVEMENT_TYPE	VARCHAR2
ACCOUNT_ID	VARCHAR2
CONTAINER_ID	VARCHAR2
WAREHOUSE_ID	VARCHAR2
COMPANY_CODE	VARCHAR2
MOVEMENT_ID	NUMBER
EDI_SENT_DATE	DATE
WEIGHT	NUMBER
SEAL	VARCHAR2
MOVEMENT_BY	VARCHAR2
UPDATE_COUNTER	NUMBER
WEIGHT_CODE	VARCHAR2
POSITION_CODE	NUMBER
SIGNATURE_ID	NUMBER
USER_ID	VARCHAR2
LINKED_REGISTRATION	VARCHAR2
TO_LOCATION	VARCHAR2
FROM_LOCATION	VARCHAR2
ENTERED_DATETIME	DATE
DUE_DATETIME	DATE
CREATED_DATETIME	DATE
MOVEMENT_DATETIME	DATE
CONTAINER_STATUS	VARCHAR2
UN_NUMBER	VARCHAR2



COLUMN_NAME	DATA_TYPE
FULL_DAMAGED_EMPTY	VARCHAR2
HAZARDOUS_IND	NUMBER
STATUS	NUMBER
OWNER_CODE	VARCHAR2
JOB_REFERENCE	VARCHAR2
JOB_ID	NUMBER
BD_PROCESSED_IND	NUMBER
QUANTITY	NUMBER
CY_JOB_VEHICLE	
JOB_UPDATE_COUNTER	NUMBER
VEHICLE_REGISTRATION	VARCHAR2
JOB_ID	NUMBER
CY_JOB	
JOB_UPDATE_COUNTER	NUMBER
CREATED	DATE
ACCOUNT_ID	VARCHAR2
WAREHOUSE_ID	VARCHAR2
COMPANY_CODE	VARCHAR2
BAY_DIARY_BOOKING_REF	VARCHAR2
JOB_REFERENCE	VARCHAR2
JOB_ID	NUMBER
CY_CONTAINER_OWNER	
OWNER_UPDATE_COUNTER	NUMBER
OWNER_DESCRIPTION	VARCHAR2
OWNER_CODE	VARCHAR2
CY_CONTAINERS	
INBOUND_METHOD	VARCHAR2
HOLD_STATUS	VARCHAR2
UPDATE_COUNTER	NUMBER
LAST_ORDER_NO	VARCHAR2
ONSITE_DATETIME	DATE
LOCATION_DATETIME	DATE
AMENDED_DATETIME	DATE
CREATED_DATETIME	DATE
UN_NUMBER	VARCHAR2
FULL_DAMAGED_EMPTY	VARCHAR2
HAZARDOUS_IND	NUMBER
STATUS_CODE	VARCHAR2
LOCATION_SEQ	NUMBER
LOCATION_CODE	VARCHAR2
WEIGHT_CODE	VARCHAR2
TYPE_CODE	VARCHAR2
ACCOUNT_ID	VARCHAR2
CONTAINER_ID	VARCHAR2
WAREHOUSE_ID	VARCHAR2
COMPANY_CODE	VARCHAR2
OWNER_CODE	VARCHAR2
WEIGHT	NUMBER
SEAL	VARCHAR2
CY_ACCOUNT	



CY_ENABLED VARCHAR2
 CY_CARRIER VARCHAR2
 CY_SERVICE VARCHAR2
 STOCKIST_SUB_CODE VARCHAR2
 STOCKIST_CODE VARCHAR2

1.2 Additional Related WMS Tables

Static:

TABLE_NAME	DESCRIPTION
WARE_LOCATION	Locations in the yard WHERE LOC_TYPE = 'Y'
CONTAINER_TYPE	Types of containers
STK_STOCKIST	Links to Account
HAULIERS	Hauliers for movements into and out of the yard.
CONTAINER_STATUS	lookup of statuses
TRANSLATION_TABLE	CWGHT, store weights of 20ft containers
FXM_USERS/	
FXM_USER_COMP_WAREHOUSES	For logon purposes
FLEX_USER_COMP_OWNERS	
VOYAGES	
VESSELS	
CARRIERS	
HAZARDS	
WAREHOUSE_RULES	
WARE_PARAMS	
Standard Transactional WMS tables:	

TABLE_NAME	DESCRIPTION
WARE_GOODS_ENTRY_HEADERS	CONTAINER_ID
MANIFEST_CONTAINER_HEADER	CONTAINER_NO
ORDER_HEADER	CONTAINER_NO

1.3 Views

These views broadly contain all of the cross-reference data from other related tables such as those listed above from standard WMS and CY tables.

VIEW_NAME	Notes
V_CY_CONTAINERS_DETAILED	
V_CY_JOB_BOOKING_REF	This links to data from Bay Diary (WARE_DIARY_HEADERS) to get the booking reference.
V_CY_MOVES_DETAILED	Used in V_CY_WORK_IN_PROGRESS below
V_CY_WORK_IN_PROGRESS	
V_CY_WORK_IN_PROGRESS_DET	Used in V_CY_WORK_IN_PROGRESS above - Links CY_MOVES to Booking Reference, and unions on all types of movements (inbound/outbound gate, vehicle, vessel, etc).

1.4 Example Queries

```
select * from cy_moves cm
where registration = 'EXP1503271200'
```

```
select * from cy_moves cm
where registration = 'EXP1802021102'
```

```
select * from cy_moves cm
where movement_type = 'OR'
and company_code = '997'
```



```
select * from cy_containers c  
--where container_id like 'MSCU%'  
where container_id = 'MSCU3951530'  
for update
```

```
Select * from cy_account
```

```
SELECT * FROM WARE_LOCATION  
WHERE LOC_TYPE = 'Y'
```

