VOLTAGE_INSTRUCTION Table Patch Scripts

Audience

All MMS Data Model participants using the VOLTAGE_INSTRUCTION Table, regardless of the version you are running.

Issue

The MMS Data Model VOLTAGE_INSTRUCTION table > TARGET column data is rounded off to an integer value instead of a fractional value.

Solution

Patch scripts for Oracle and SQL Server production and pre-production databases are now available. The patch scripts update the datatype to NUMBER(20,5).

The patch scripts contain the following update:

```
DECLARE
v_column_exists NUMBER;
BEGIN
select count(*) into v_column_exists
from user_tab_cols
where upper(column_name) = 'TARGET' and upper(table_name) = 'VOLTAGE_INSTRUCTION'
and DATA_PRECISION=15 AND DATA_SCALE=0;
if (v_column_exists = 1 ) then
execute immediate 'ALTER TABLE VOLTAGE_INSTRUCTION MODIFY TARGET NUMBER(20,5)';
else
dbms_output.put_line('TABLE VOLTAGE_INSTRUCTION, TARGET COLUMN already updated or
does not match with standard DM definition');
end if;
END;
/
```

Oracle patch

- ORACLE_PATCH_ VOLTAGE_INSTRUCTION.sql

SQL server patch

- SQLSERVER_PATCH_ VOLTAGE_INSTRUCTION.sql

Pre-production

Pre-production patch scripts are in the Participant File Server > Releases > MMS Data Model > PreProduction > v5.1 folder.

Production

Production patch scripts are in the Participant File Server > Releases > MMS Data Model > Production > v5.1 folder.

Participant action required

Regardless of the Data Model version you are on, if you are using the VOLTAGE_INSTRUCTION table, run the appropriate patch script on your local database and restart your pdrLoader.

The Data Model v5.1 upgrade scripts and the VOLTAGE_INSTRUCTION table patch scripts are independent, the order you run them is not important.