

# CLS RELEASE NOTES

RELEASE 5.06

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## Version: 5.06 (28-FEB-2019)

### RWP - Rhythm Wheel Planning (SCM)

#### What's New

1. RWH DDMRP Enhancement: Net Flow Equation. DDMRP Products are planned against SBM buffers in defined horizons (pull, push), considering SBM relevant values. Now also available for Min Inventory Driven Netting Logic
2. Data Selection for DDMRP Netting Logic – Data can now be read from SBM or DDP
3. Russian Translation now available for Rhythm Wheel Modules
4. Resource time zone available in the Rhythm Wheel Log
5. Rule Framework with optimization method Planned Cycle Time with cost optimization

#### Fixed Issues

1. Enable material constraint planning with components in MRP Areas
2. Determine the right PEGID for ATP component
3. Right display of separator in the Rhythm Wheel Designer for the Critical Component
4. Detailed consideration of Quota Arrangements in the Rhythm Wheel Heuristic

### SBM - Stock Buffer Management (SCM)

#### Important

1. When upgrading to SBM 5.06 from any earlier version, please ensure that report /CLS/SBM\_UPGRADE is executed once after the import of the CLS 5.06 transport is completed
2. If Rhythm Wheels with additional demand horizon (ADH) are used, please check the calculated pull horizons of the related products. RW ADH is no longer considered by SBM.

#### What's New

##### Stock Buffer Setting

1. It is now possible to define individual outlier exclusion sigma boundaries for demand variability, supply variability and for ADU calculation (CLSSBM-178)
2. Improvement: Cyclic sourcing and BOM relations ("loops") are now automatically identified and reported (CLSSBM-201)
3. New setting "Consideration of Repl. Interval" allows to define how the replenishment interval is considered for the SBM lead time and buffer calculation (worst case / best case / average case). Can be defined on global level and per location product (CLSSBM-882)

4. A new field “additional lead time” allows to manually define a complementary lead time component, e.g. to cover planning related times or to adjust the calculated lead time. Positive and negative values are allowed. (CLSSBM-1347)
5. Change: The Rhythm Wheel Additional Demand Horizon (ADH) is no longer considered for the SBM Pull Planning Horizon (CLSSBM-788)
6. Improvement: If the current ADU of a product is 0, but the product has demand in future periods, a buffer can be calculated for these future periods, which is useful e.g. for promotional products (CLSSBM-905)

#### Stock Buffer Monitoring

1. The stock buffer status report now also displays the projected on-hand status, if the location product level is selected (CLSSBM-1241)
2. It is now possible to select products by their buffer status, on-hand status or projected on-hand status, allowing to use the buffer status report as an alert monitor (CLSSBM-1241)
3. Change: Only location products which are defined as ICP are displayed in the stock buffer status report (CLSSBM-1241)
4. Planners can now maintain a comment to the buffer status of individual location products (CLSSBM-1073)
5. Improvement: When selecting location products for reviewing the aggregated buffer status on product level, the use of selection option “Include non-ICP ProdLocs into selection” now also includes non-ICP locations (CLSSBM-1123)
6. New customizing setting allows to define what should be considered as on-hand top of green buffer level in case that the buffer levels are not taken from SNP (CLSSBM-1512)

#### General

1. General performance improvements for SBM background processing, especially when using SBM in conjunction with Rhythm Wheels (CLSSBM-1016)

#### Fixed Issues

##### Stock Buffer Setting

1. Fixed an issue where the SBM master data (lead time, lot size etc.) where not determined by the SBM buffer sizing in the background (/CLS/SBM10) when both options “Transactional Data” and “Parameter Calculation” are selected (CLSSBM-1547)
2. Very large numbers as input data could lead to invalid parameter values or dumps (CLSSBM-1287)
3. Fixed an issue where fixed durations where not correctly loaded from PDS (CLSSBM-1298)
4. Fixed an issue where the production duration was not determined correctly if a SNP PDS was loaded where the production duration is maintained in days (instead of minutes or seconds) (CLSSBM-1325)
5. If the calculated lead time was zero and the lead time was overwritten manually the pull planning horizon was not recalculated according to the manual overwrite of lead time (CLSSBM-1326)

6. Fixed an issue where settings related to calculation modes that have been disabled in the CLM customizing were still considered as mandatory input in the SBM general settings (CLSSBM-1446)
7. Fixed an issue where the lot size was not correctly determined if the lot size information in the APO product master was not defined in the base unit of measure, but a lot size unit was used (CLSSBM-1531)
8. Fixed an issue where time-dependent buffer levels were not correctly displayed when accessing the time-dependent buffer adjustments screen from within the CLM SBM Cockpit (CLSSBM-1478)
9. Fixed an issue where the procurement priorities of transportation lanes were not correctly considered (CLSSBM-1540)

#### Stock Buffer Monitoring

1. In the aggregated net flow position w/o planned production falsely also qualified demand from non-ICP location products has been considered (CLSSBM-1491)

#### General

1. Fixed an issue where the selection of a large number of products could lead to a dump when unit cost data is enabled in CLM customizing (CLSSBM-1179)
2. Fixed an issue where the export of time dependent planning parameters (ADU, SS Qty, ROP Qty, IRL Qty) via parameter get functions was not working correctly

## SOFOS (SCM)

#### Important Notes

- N/A

#### What's New

- N/A

#### Fixed Issues

1. Setup phases of 0 duration are considered as 1; SOFOS scheduled 1-second gaps between all orders and the log appears all red
2. Also orders, which were not even scheduled by SOFOS are compared afterwards against LC-time; that leads to red lights in the log for all those orders
3. Operations which do not have a setup phase at all are not reschedulable by SOFOS
4. Depended on the sequence of the capacity requirements in the PDS, it can happen, that no setup group is considered, which leads to overlaps
5. ATP Check fails during SOFOS run
6. In Log: Orders inside manual or historical horizon are displayed as 'deallocated'
7. When planning with several resources: If the end times of the buckets are not the same, it is possible that one or more resources are not planned at all

8. Initial changeover time is not found by SOFOS which leads to not-planned first bucket

## SMB - Setup Matrix Builder (SCM)

### Important Notes

1. When the release is upgraded from 5.05 to 5.06 the resource overview screen must be re-saved by pressing in each technology the button “Update Resource Assignment (All)” to create a backup of technology data

### What’s New

1. Russian translation is available (CLSSMB-604)
2. Usage of Cyrillic signs is possible within technology name and characteristics (CLSSMB-622)
3. PDS correction report allows to correct PDS author data in case saving of source of supply data is interrupted (CLSSMB-891)
4. A technology data backup is now available in case technology data is accidentally deleted and an additional warning message will be provided which requests confirmation (CLSSMB-926)
5. Technology field is extended to display more than 15 characters (CLSSMB-665)
6. Performance improvement of generation report (CLSSMB-918)
7. Warning message occurs if characteristic value description is changed (CLSSMB-911)

### Fixed Issues

1. Fixed issue on technology screen for filtering. Usage & unclear removal of filtering on technology screen could cause that technology entries could have get lost (CLSSMB-669)
2. Fixed issue for inactive resource entries or invalid characteristic assignment which could cause wrong PDS author (CLSSMB-670)
3. Fixed issue on resource screen for which a specific combination of clicks could raise a short dump (CLSSMB-890, CLSSMB-903)
4. Fixed issue of mass load functionality at resource overview screen for which characteristics have not been correctly assigned while adding a new resource (CLSSMB-668)
5. Fixed issue for PPMs in case not all characteristic values are correctly assigned (CLSSMB-671, CLSSMB-909)
6. Fixed a locking issue wrongly caused by display transaction /CLS/SMB03 while performing changes in SMB01 (CLSSMB-687)
7. Fixed a display synchronization issue of SoS data at multiple entries of same resource (CLSSMB-693)
8. Fixed issue at re-integrating PDS at usage of multiple business system groups (CLSSMB-678)
9. Fixed issue at for mass load functionality on setup group screen in case of blank values (CLSSMB-682)
10. Fixed display synchronization issue on resource screen (CLSSMB-686)
11. Fixed setup matrix update issue at dates for multiple entries of same resource (CLSSMB-833)
12. Fixed yellow light display issue at shared setup matrices (CLSSMB-840)
13. Fixed sorting issue on resources overview screen (CLSSMB-901)

14. Fixed issue at loading variants on technology screen (CLSSMB-718)
15. Fixed message for updating SoS for multiple entries of same resource with at least one inactive entry (CLSSMB-728)
16. Fixed issue that SoS reintegration always writes Dummy SG after Clean Up Report was running, even if there is an active entry in SMB (CLSSMB-688)

## DRP - Demand Driven Replenishment Planning (ECC)

### Important Notes

- N/A

### What's New

- N/A

### Fixed Issues

#### Cockpit:

1. Authorization object on plant level
2. Correct issues with leading zeros in upload report

#### Heuristic:

1. Correction in stock usage for non-decoupling points in external calculation
2. Include the possibility to create a MD05 list
3. Independent requirements in past not considered correctly during planning with consumption setting: "Adjustment: Planned Ind. Requirements"
4. Correction for shipping notifications with multiple items are duplicated in planning run
5. PLANR now additionally used to determine the DDMRP planning scope
6. Error message for material status 'blocked' included
7. Resolving dump during MARA and MARC select in case of huge data
8. Firm schedule lines with same numbers lead to wrong results resolved
9. Logging for interface tables /CLS/DRP\_PL and /CLS/DRP\_BLT is switched off
10. Cancellation of the DDMRP run in case standard MRP locks the DDMRP run
11. Wrong category mapping in case of stock on non-decoupling point

#### Monitor:

1. Correction for shipping notifications with multiple items are duplicated in monitor
- 2.

#### Element List:

1. Correct issues with leading zeros

2. ToG, ToY and ToR included in Element List
3. Correction for decimal values
4. Refresh and changes of Element List took the user to top of the list was corrected
5. Available Quantity for PTF is always colored red is now corrected to no color code
6. Include material memo functionality

## DDP - Demand Driven Replenishment Planning (SCM)

### Important Notes

- N/A

### What's New

1. Integration heuristic and report for SBM - DDP

### Fixed Issues

#### Cockpit:

1. Authorization object C\_APO\_LOC used
2. EXCEL upload does not allow to upload negative netflow-position

#### Heuristic:

1. No order creation when buffer levels are changing
2. Stock consideration on non-decoupled stage leads to wrong category mapping
3. Safety Times were not considered

#### Monitor:

1. Priority is not displayed in the monitor transaction

#### RRP3:

1. Horizons were wrong for non-decoupled stages
2. Inside DLT elements have the quantity 0 for external calculation
3. New orders (manually created) were not considered
4. Dump occurred when planning strategy was empty
5. Custom added fields were not displayed anymore in ALV when RRP3 enhancement was implemented