Angles for SAP Release Notes

Version: *2020SP9*

Contents

End user – Highlights

O2C: Insight in rescheduling of Sales Document Item goods issue date

When tracking Sales Order Items, the Planned Goods Issue Date sometimes gets rescheduled by the back office. To give you a better insight into the number of times a sales order item is rescheduled, the following fields are introduced in the object *Sales Document Schedule Lines*:

- Number of GI Date Changes: Shows how many times the goods issue date has been rescheduled for a sales order item. GI Date Previous Change: Shows the previous date when the sales order item was scheduled for goods issue.
- Date Of Last Goods Issue Date Change: Shows the most recent date when the Goods Issue date of the Sales order was changed.
- Difference Order Due Date - Date of Last GI Change: Shows the difference between GI Date Previous Change and the Date of Last Goods Issue Date Change in calendar days.
- First Schedule of GI Date: Shows the first date when the sales order item was scheduled for goods issue.
- Prev Change Deviation in Calendar/Work Days: Shows the deviation between the previous date the sales order item was scheduled for goods issue and the actual date, in calendar/ workdays.
- Deviation from First Schedule in Calendar/Work Days: Shows the deviation between the first date the sales order item was scheduled for goods issue and the last scheduled date, in calendar / workdays.

A new display *GI Planning Changes* is also added to the Sales Document Schedule lines template. This makes it easy to identify the Sales Document Schedule Lines that are replanned frequently, do root cause analysis and identify business process improvement opportunities.

S2D: Getting better control on your Special Stocks

The object *Stock* is an important object in Angles for SAP, since it shows all stock inventory that is available in your SAP system. The Stock object is used for several types of stock analysis and supports many derived use cases like Stock availability, valuation, and expiration.

The logic for the object Stock has been improved for better control on your stock:

- Added New stock - special stock scenarios:
  - SOBKZ='B   Customer Stock
  - SOBKZ='C   Subcontracting Customer Stock
  - SOBKZ='F   Subcontracting Customer Order Stock
  - SOBKZ='I   Subcontracting Returnable Transport packaging (RTP)
  - SOBKZ='J   Subcontracting Vendor consignment
  - SOBKZ='R   Subcontracting Project Stock
- The special stock scenarios all have a new MRP subsegment type: CUST (Customer)

- Stock Type **In transfer** is removed as a separate stock type and replaced by a stock status **In Transfer**, because **In Transfer** is a status applicable to various stock types.
- Added stock valuation for Subcontracting Stock based on SAP table [OBEW] and Batch Split Valuation for sales order stock and project stock.
- Introduced new field *Physical Inventory Blocking Indicator* showing if stock is blocked for movement due to a planned or executed physical inventory.
- *Valuated Goods Receipt Blocked Stock* now also shows the following related batch information:
  - Shelf-life expiration date
  - Batch specific valuation
  - Batch master data
  - Batch classification (characteristics)

QM/PM: Better understand changes made to Quality Notifications

A new change data object *Quality Notification Changes* [Objectclass: MELDUNG] is added to the AgS model. This object enables you to easily answer questions like:

- Are there any new quality notifications created for my Customer/Sales Organization, Vendor/Purchasing Organization, Work center or Plant?
- Has there been a cause identified and added to the quality notification?
- Has the responsible person/department on the related quality notification task been changed and who changed this?

This object consolidates all Quality Notification Changes from the Change Documents in SAP. It contains all the related references and the most common tables and fields for this area. Since the amount of changed data can be substantial, you can customize the data you need for your business processes. The different change objects can be activated or deactivated, including their underlying tables and fields. This way, you can limit the amount of data to be loaded, while answering all your SAP change related data questions. This can be customized by your consultant at upgrade, by AgS functional support, or by your own AgS administrator.

Summary of the tables included in this accounting document change object:

MELDUNG	Tables	Description
Quality Notification Changes	QMEL	Quality Notifications
	QMFE	Quality Notification Items
	QMSM	Quality Notification Tasks
	QMUR	Quality Notification Causes

S/4 Hana Extended Warehouse Management integration

Extended Warehouse Management (EWM) is used to efficiently manage inventory in the Warehouse and for supporting the processing of goods movement. It is an integral part of the S/4 Hana suite and allows the company to control its Warehouse inbound and outbound processes and movement of goods in the Warehouse.

The process of integrating S/4 EWM into the AgS model is underway, starting with adding all master data related objects, sublists and references. The following objects and related templates are now added to the S/4 AgS model:

- Product Data
- Location (Business Partner) Data
- Product Location Data
- Product on Warehouse & Storage Type level
- Storage Type
- Storage Bin
- Fixed BIn
- Handling Unit
- Stocks

It's planned to extend S/4 EWM to include the transaction related objects, like Inbound-Outbound Delivery Header / Item, Warehouse Tasks, -Orders and so on. Adding the S/4 EWM to the AgS model enables cross functional analysis on your warehouse management processes.

End user - Fixes and improvements

O2C: Better insight in Sales Document Price Condition Changes

The Changes on Conditions [KONVC] table in SAP is added to the Angles for SAP model *Sales Document Changes*. This gives you more visibility into any Price Conditions changes on your sales document. You can easily understand if, when and by whom the changes were made.

Summary of the tables added in this Sales Document Change object:

VERKBELEG	Tables	Description
Sales Document Changes	KONVC	Document Changes for Conditions Structure and data

F2R: Introduction of new property Validity Status in object Exchange Rate

To give you a quick insight into the validity of the exchange rates in the object Exchange Rate, a new field *Validity Status* is introduced. This field indicates if an exchange rate is valid or not, based upon the **Valid from** and **Valid to** dates in the TCURR table. The object Exchange Rate was introduced in the SP8 release and is based on the SAP table TCURR.

P2P: Info Record Changes new references added

To improve the insight into info record changes, new references are added from the object info record changes to the following objects:

- Purchase Organization
- Vendor
- Material on Plant
- Material

This allows you to expose all related data from those objects on the info record changes.

S2D/PM/QM: Routing Operation Task List new references added

To improve the insight into the routing operation, new references are added from the object routing operation task lists to the following objects: Equipment, Assembly, Functional Location. This will allow you to expose all related data from these objects on the operation task list, like, description of equipment, assembly, or functional location.

O2C: New fields added for better insight into shipment orders

To get a better insight into the status of your shipment orders and to allow for detailed performance analysis on your shipment orders, the following fields are introduced in the object Shipment Header:

- Execution Status: This field indicates whether a shipment order or document is logistically open or closed. Order Due Date: this field shows the date on which a shipment order is planned in SAP.
- Realized Finish Date: this field shows the date on which a shipment order has been delivered or closed.
- Difference Planned versus Actual: This field shows the difference in time between planned shipment completion date and actual shipment completion date.
- Delivery Reliability: This field shows the prediction of the shipment order reliability based on our order network calculation. Possible values: Not Critical, Critical, Late, Pollution, Not Applicable

Change Documents: Detailed Insight in Planning / Date Changes

Planning changes are changes made to date fields in the SAP Change Header/Items. The AgS field *Planning Type* enables you to filter out these types of changes. To give you more insights in the details of these planning changes, we have now introduced the following fields in all our available change objects:

- Planning Change: The planning change field gives more information on the exact change that took place on the dates. Possible values are: **Schedule In**, **Schedule Out** and **First Schedule.**
- Old Date: The field from the change table that contains the old date as a date value.
- New Date: The field from the changes table that contains the new date as a date value.
- Days Difference: This field shows the difference between the old date (the date before a change was made to it) and the new date (the newly set date in the change).

In SP8/22.3, these fields were already available in the objects *Sales Document* and *Shipment Changes* but have now been made available in the AgS Change Documents module to all change objects.

Fixed issues

New field added: Standard Vendor via Info Record

When the Sourcelist module is activated, the Vendor of the Standard Source List is shown in the field *A4S Standard Vendor*. If this vendor field differs from the Vendor in the Standard Info Record, it indicates that SAP master data is not maintained correctly.

To support identifying such cases, a new field *Standard Vendor via Info Record* is introduced on the object *Material on Plant Level*. To use this, create a filter on your angle/display where the field *Standard Vendor* is not equal to the field *Standard Vendor via Info Record* to identify any inconsistencies in your master data.

P2P/O2C: Invoiced and Received value for PO and SO returns incorrect

The invoiced and received value on Purchase and Sales Order schedule line returns was incorrectly a positive value. This issue is now resolved.

Refresh Cycle negatively impacted by low load performance PD Schedule lines

The refresh cycle could be negatively impacted by a slow load performance on Purchase Document Schedule lines. This was caused by an inefficient Find key Logic in VBFA_LIPS (delivery notes). This issue is now resolved.