

Note Language: English Version: 1 Validity: Valid Since 11.04.2012

#### Summary

#### Symptom

The note addresess the below symptoms

- Characteristic value field is not displayed for AFS materials in Promotion Planning, RR Overview, RR Details and Transport Load Builder screens.
- Alert 1130 not created for AFS header materials during replenishment.
- Alert 7401 is not generated, if data is not available in 'ProductActivityNotification' XML for atleast one of the sub products of an AFS header material.
- Keyfigures are not aggregated at AFS header product in RR Overview and RR Details screen.
- o Sorting of sub-products does not occur based on the AFS hierarchy.

#### Other terms

AFS, VMI, Responsive Replenishment, PROACT, Char. Val, ATWRT.

#### Reason and Prerequisites

Program error.

#### Solution

- o Implement the attached correction instructions or upgrade to the relevant Support Pack.
- o Perform the attached manual pre-implementation steps.

 Manual Pre-Implement.
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 |VALID FOR
 |

 |Software Component
 SCMSNC
 Supply Network...

 | Release 702
 SAPK-70201INSCMSNC - SAPK-70203INSCMSNC

## To Insert Characteristic Value (ATWRT) field on structures /SCF/CB\_INVENTORYHDR\_STR and /SCF/INVMON\_STR

- o Execute transaction SE11
- o Select option 'Data Type'
- o Enter the structure name as given above



- o Go to Edit mode
- o Add field with the below values:
  - Component : ATWRT
  - Typing Method: Types
  - Component Type: ATWRT
- o Save and activate the structure.

### To create Structure /SCA/AFS\_SORT\_STR.

- o Execute transaction SE11
- o Select option Data type
- o Enter name /SCA/AFS\_SORT\_STR
- o Click on the Create button
- o Choose option 'Structure'
- o Enter the Short Description as "AFS Sorting structure"
- o Enter the below values

Component	Component Type
FCST	/SCF/VMIHITLIST_STR
PROM	/SCF/TSTBVROW_STR
REPL	/SCF/VMIRPLSHHITLIST_STR
VTLB	/SCF/VTLB_REPLORD_UI_STR
LBIT	/SCF/VTLB_ORDITM_UI_STR
CRPR	/SCF/PROMHITLIST_STR
PRIT	/SCF/STDTBVROW_STR
SORT	/SCF/VMIHITLIST_STR_AFS_SORT
OVER	/SCF/INVMON_STR
DETA	/SCF/CB_INVENTORYHDRS_STR
PRPL	/SAPAPO/MATIDLOCID_STR
SEQU	

 For the component type SEQU create a predifined type as INT4. (The int4 will be visible in the data type column.)



- o Enter Typing method as 'Types' for all the components
- o Click on the save button
- o Enter package as '/SCA/ALG'
- o Select the enhancement type as 'Can be enhanced (character-type or numeric)'.
- o Save and actvate the Structure.

#### To create Table type /SCA/AFS\_SORT\_TAB

- o Execute transaction SE11
- o Select option Data type
- o Enter the value as '/SCA/AFS\_SORT\_TAB'
- o Click the 'Create' button
- o In the following popup, select option 'Table type'
- o Enter the Short Description as 'AFS Sorting table'
- o Enter the line type as /SCA/AFS\_SORT\_STR
- o Click on the save button
- o Enter package as '/SCA/ALG'
- o Save and activate the table type.
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To Change the domain /SCA/SUPP\_COLL\_PROCESS\_CODE\_DM:

- o Execute transaction SE11.
- o Select option 'Domain'
- o Enter the domain name as /SCA/SUPP\_COLL\_PROCESS\_CODE\_DM
- o Go to edit mode
- o Select the 'Value Range' tab
- o Add the below entry:
  - Fix.Val: VMI
  - Short Decript.: Transport Load Builder
- o Save and activate.



#### To enhance the message class /SAPAPO/VMIDRP:

Perform the below steps

- o Execute transaction SE91
- o Enter the message class name as '/SAPAPO/VMIDRP'.
- o Go to Edit mode.
- o Add the below messages

Message Message Short Text

- 046 Incorrect call made for the AFS Method
- 047 The material &1 is not in AFS hierarchy
- 048 Error during hierarchy read for AFS material &1
- o Save the entries.

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#### To add OTR text:

Perform the below steps

- o Execute transaction SOTR\_EDIT
- o Select language as 'English'
- o Enter the Alias as '/SCF/TLB/FIELD\_TEXT\_CHAR\_VALUE'
- o Click 'Create' button
- o Enter the Text as 'Characteristic Value'
- o Enter Package as '/SCF/TLB'
- o Select Object type as 'WDYV'
- o Save the entry.

### To create new validation check

- o Execute transaction SPRO
- o Navigate to the below customizing node
  - Supply Network Collaboration -> Basic Settings -> Validation -> SAP Standard Settings



- o Execute customizing node 'Display Properties of Validation Checks'
- o Click 'New Entries'
- o Enter the below values
  - Validation Check: DATA\_MISSING\_FOR\_AFS\_CHILD
  - Val.Component: Item
  - Alert Type: 7401
  - Message Class: /SCF/PROACT
  - Msg.No: 110
- o Save the entry and navigate back
- o Execute customizing node 'Display Settings for Standard Validation
  Profiles'
- o Click 'New Entries'
- o Enter the below values
  - Prfl: VMI1
  - Validation Check: DATA\_MISSING\_FOR\_AFS\_CHILD
  - Status: Inactive
  - Msg.type: W
  - Save Mode: Save Message as Valid
  - Continuation Mode: Continue Checks
  - Create Alert: Checked
  - Create Alert for Unsaved XML Message: Checked
  - Alert Priority: Warning
  - Save the entry

## To maintain text for the new validation check

- o Execute transaction SM30
- o Enter the Table/View as '/SCMB/BOLCHK'
- o Click the 'Maintain' button
- o Click 'New Entries'



- o Enter the below values
  - Validation Check: DATA\_MISSING\_FOR\_AFS\_CHILD
  - Validat.Check Desc.: Time Series Missing for Subproducts of an AFS Product Hierarchy Header
- o Save the entry

#### To Create BADI implementations

Perform the below steps

#### BADI /SCF/BADI\_SELECTION

- o Execute transaction SE18
- o Enter the BADI name as '/SCF/BADI\_SELECTION'
- o Click the 'Display' button
- o From the 'Implemnetation' menu, select 'Create'
- o Enter Implementation Name as '/SCF/RR\_AFS'
- o Enter Implementation Short Text as 'AFS Implementation for selecting Subproducts'
- o Select the properties tab
- o Add the below filter values
  - SMI SMI Monitor
  - VMI Transport Load Builder
- o Enter package as '/SCF/SELMODEL'
- o Save and activate

#### BADI /SCF/ICHDMV\_HNDLR

- o Execute transaction SE18
- o Enter the BADI name as '/SCF/ICHDMV\_HNDLR'
- o Click the 'Display' button
- o From the 'Implemnetation' menu, select 'Create'
- o Enter Implementation Name as '/SCF/ICHDMV\_AFS'
- o Enter Implementation Short Text as 'BADI for AFS keyfigure aggregation'



- o Select the properties tab
- o Add the below filter values
  - ICHRPL1 Replenishment Collaboration
- o Enter package as '/SCF/UIAPP'
- o Save and activate

#### BADI /SCF/REPL\_OVW

- o Execute transaction SE18
- o Enter the BADI name as '/SCF/REPL\_OVW'
- o From the BADI definitions, select 'Implementations'
- o Right Click 'Implementations' and Click 'Create BADI
  Implementation'
- o In the subsequent popup screen, click 'Create Enahancement Implementation'
- o Enter the Enhancement Implementation as '/SCF/REPL\_OVW\_AFS'
- o Enter the Short text as 'BADI Implementation for Replenishment Overview AFS POWL'
- o Press 'Enter'
- o Select the Enhanceent Implementation '/SCF/REPL\_OVW\_AFS' and press
  'Enter'
- o Enter the BADI Implementation name as '/SCF/REPL\_OVW\_AFS'
- Enter Description as 'BADI Implementation for Replenishment Overview AFS POWL'
- o Enter Implementing class as '/SCF/CL\_IM\_REPL\_OVW\_AFS'
- o In the following popup, select class '/SCF/CL\_ICHDM\_REPL\_POWL' and click 'Copy Sample Class' button
- o Enter package as '/SCF/INVMON'
- o Save and activate.

#### To set selection context for Transport Load Builder screen

Perform the below steps

o Execute transaction SPRO



o Navigate to the below customizing node

- Supply Network Collaboration -> Basic Settings -> Visibility
- o Execute 'Display SAP Default Selection Modes of Application'
- o Select entry with Application Data ID : VMILB
- o Set the selection context as 'Transport Load Builder'
- o Save the change

### Header Data

Release Status:	Released for Customer				
Released on:	05.06.2012 10:51:04				
Master Language:	English				
Priority:	Correction with medium priority				
Category:	Program error				
Primary Component:	SCM-ICH-AFS Functions for SAP Apparel and				
Footwear					

Secondary Components:

IS-AFS Industry-Specific Component Apparel and Footwear

## Valid Releases

Software Component	Release	From Release	To Release	and Subsequent
SCMSNC	701	701	701	
SCMSNC	702	702	702	
SCMSNC	712	712	712	
SCM_BASIS	701	701	701	
SCM_BASIS	702	702	702	
SCM_BASIS	712	712	712	

## Support Packages

Support Packages	Release	Package Name
SCMSNC	702	SAPK-70204INSCMSNC
SCMSNC	702	SAPK-70205INSCMSNC
SCMSNC	712	712
SCM_BASIS	702	SAPK-70204INSCMBASIS
SCM_BASIS	712	712

## Symptoms - Side-Effects



The following SAP Notes correct this SAP Note / patch:					
SAP Note Version Version		Version	SAP Note	Version	Support
Reason from to So		Solution		Package	
1706319			1763754	2	

## Correction Instructions

Correcti on Instruct ions	Valid from	Valid to	Software Component	Тур е *)	Reference Correction	Last Changed
1096393	702	702	SCMSNC	С	В2НК005415	04.06.2012 07:01:01
1096164	702	702	SCM_BASIS	С	B2AK005715	13.04.2012 01:21:46
1096165	702	702	SCM_BASIS	С	B2AK006087	13.04.2012 01:22:10

\*) C Correction, B Preprocessing, A Postprocessing, M Undefined Work