

Note: 000077

Overview

Number	000077
Description	BCS 30x Collective Note - Corrections & Enhancements
Version	1 from 29.08.2018
Status	Released to Customer
Language	EN
Responsible	Markus Seng
Product	BCS
Category	Correction - SAP Integration

Symptom

IMPORTANT 1:

This note does not contain content of any other QuantityWare Notes, i.e. It is NOT a "Collection" of previous notes. This note is a collection of small quality measures collected over a period of time.

IMPORTANT 2:

If you are using, or plan to use the "Analyse Business Document" tool provided in the QuantityWare Petroleum Measurement Cockpit, you must apply this note to your system(s).

With this note, corrections & enhancements for the issues listed below are delivered:

1. You perform a calculation with template conversion group Q10A and set the density to 0 KGV. A short dump occurs (division by zero).
2. In your S/4 HANA system, you perform a business document analysis and you obtain an "out of tolerance" message for a UoM, for which the posting went through without a tolerance violation message.
3. You perform a business document analysis for a document for which UoM values have been synchronized already during business document processing. You obtain synchronization messages in the analysis which are not understandable.
4. LNG conversion group rounding settings are not consistently greyed out in customizing maintenance if they are not relevant for a gross LNG calculation scenario.

5. The AGA Report No. 7 gauge pressure function does not check that UoM for parameter altitude have the correct dimension length.
6. The high-pressure compression factor lists do not print all columns or too many columns in PDF mode.
7. The header text of the AGA8 / SGERG88 compression factor lists always displays SGERG88 as reference, even if AGA8 is selected.
8. You want to define a new entry for the ISO 13443 conversion factors and receive a number formatting error.
9. You execute the conversion group consistency check and the log contains no errors - you cannot navigate back to the PMC or GMC and need to restart the transaction.
10. For Q7** LPG/NGL template conversion groups, the conversion group check log always contains an information message about gauge pressures, even if pressure values are not relevant for the conversion group (e.g. Q721).
11. Web links to www.quantityware.com pages from within the PMC and GMC (Menu navigation and online documentation references) need to be updated to the new website pages.
12. The ASTM Table 1 calculator defaults the historical version from 1980. The 2008 version should be defaulted when the calculator is started.
13. The sediment and water check logic sequence in all four crude oil calculation models should first check the UoM consistency, then the allowed ranges for sediment and water values.
14. Typographical errors within online documentation texts need to be corrected.

Cause

Various issues, quality and functional enhancements.

Solution

1. Code correction - new check logic prevents entry of 0 density values by raising an error message.
2. Code enhancement - S/4 HANA oil material documents do not store FLTP quantity values on database any more - document analysis function code enhancement synchronizes FLTP values from packed values before start of analysis.
3. Code & Documentation enhancement - Analysis tool distinguishes with this enhancement between conversion groups with and without active synchronization function - additional messages introduced and documentation clarified.
4. Code enhancement - additional LNG fields are protected if not relevant.

5. Code enhancement - new dimension ID check defined before calculation.
6. Code correction - the pressure range value is rounded incorrectly due to pressure range data format defined with zero decimals - extended to one decimal.
7. Code correction.
8. Code correction - extend number format definition for allowed values.
9. Code correction - replace incorrect ALV status with ALV default status.
10. Code correction - do not check conversion groups which are not marked for CPL calculations or configured for vapor space calculations.
11. Code correction - new weblinks defined in GMC and PMC.
12. Code correction - 2008 version defaulted.
13. Code enhancement - The sediment and water check logic in all four crude oil calculation models has been technically encapsulated into one function and logically corrected with respect to the check sequence.
14. Typographical errors within online documentation texts have been corrected.

Transport Reference

SAP Release	Transport	File Name	Notes
ECC600	QOIK900310	NOTE-00077-30x.SAR	
S/4 HANA	QOIK900310	NOTE-00077-30x.SAR	1610; 1709

Validity

SAP Release	From SP	To SP	In SP Shipment
ECC600	BCS 3.0 CSP01	BCS 3.0 CSP01	BCS 3.0 CSP02
S/4 HANA	BCS 3.0 CSP00	BCS 3.0 CSP00	BCS 3.0 CSP01