

## Note: 000024

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Number	000024
Version	2 from 03.02.2010
Status	Released to Customer
Language	EN
Short Text	Important Information for BCP & BCG customers on SAP ERP 4.72
Responsible	Markus Seng
Component	BCP-10A/B-CON, BCG-10A/B-CON
	Product: BCP - Release: 10A/B , Product: BCG - Release: 10A/B

### Symptom:

You are installing QuantityWare BCP or BCG in your SAP ERP Oil & Gas system, which is on release 4.72.

The QuantityWare MQCI integration on SAP ERP Oil & Gas release 4.72 is delivered with an active BAdI implementation /QTYW/QCI of the SAP QCI BAdI OIB\_QCI\_ROUND\_QTY, since the state-of-the art SAP enhancement technology is only available from SAP ERP ECC 6.0 onwards.

### Cause:

SAP technology limitations on ERP 4.72, solved by SAP with release ECC 6.0.

### Solution:

NONE or INACTIVE "OIB\_QCI\_ROUND\_QTY" BAdI customer implementation in your system:  
No action required.

ACTIVE "OIB\_QCI\_ROUND\_QTY" BAdI customer implementation in your system:  
You have to deactivate this implementation in your test system so that the QuantityWare implementation test can be executed.  
After the test has been successfully completed, you can DEACTIVATE the QuantityWare BAdI implementation /QTYW/QCI, and REACTIVATE your "OIB\_QCI\_ROUND\_QTY" BAdI Implementation.  
In order to deactivate the QuantityWare BAdI implementation /QTYW/QCI in a controlled way, apply the deactivation transport noted down below.

QuantityWare MQCI is NOT in use, AND is NOT planned to be used:  
No action required.

QuantityWare MQCI is in use, or planned to be used:  
Enhance your active BAdI implementation with the following integration code, in order to access the QuantityWare MQCI: Place the code at the very beginning of method check\_qci\_input:

```
METHOD if_ex_oib_qci_round_qty-check_qci_input .
```

```
*/ Note: SAP NOTE 1150184 should be implemented to pass all  
*/ messages back through BAdI method to application
```

```
  CLEAR ct_return[].  
  */ Sort UoM Tab  
  CALL FUNCTION '/QTYW/MQCI_SORT_UOM_TAB'  
    TABLES  
      it_param          = ct_param  
    CHANGING  
      ct_quantity      = ct_quantity  
    EXCEPTIONS  
      calculation_failure = 1  
      OTHERS           = 2.  
  IF sy-subrc <> 0.  
    MESSAGE ID sy-msgid TYPE sy-msgty NUMBER sy-msgno  
      WITH sy-msgv1 sy-msgv2 sy-msgv3 sy-msgv4  
      RAISING calculation_failure.  
  ENDIF.  
  
  */ Calculation  
  CALL FUNCTION '/QTYW/MQCI_QUANTITY_CONVERSION'  
    TABLES  
      ct_return          = ct_return  
    CHANGING  
      ct_param          = ct_param  
      ct_quantity       = ct_quantity  
      c_we_know_it_better_than_sap = c_we_know_it_better_than_sap  
    EXCEPTIONS  
      calculation_failure = 1  
      OTHERS             = 2.  
  IF sy-subrc <> 0.  
    PERFORM collect_message IN PROGRAM /qtyw/sap1mqci  
      TABLES  
        ct_return  
      USING  
        sy-msgid  
        sy-msgno  
        sy-msgty  
        sy-msgv1  
        sy-msgv2  
        sy-msgv3  
        sy-msgv4.  
    DELETE ADJACENT DUPLICATES FROM ct_return.  
    MESSAGE ID sy-msgid TYPE sy-msgty NUMBER sy-msgno  
      WITH sy-msgv1 sy-msgv2 sy-msgv3 sy-msgv4  
      RAISING calculation_failure.  
  ENDIF.  
  IF NOT ct_return IS INITIAL.  
    SORT ct_return.  
    DELETE ADJACENT DUPLICATES FROM ct_return.
```

ENDIF.

```

*/ Leave if MQCI conversion has been executed:
  IF NOT c_we_know_it_better_than_sap IS INITIAL.
    RETURN.
  ENDIF.

```

```

*/ PLACE YOUR CUSTOMER SPECIFIC CODE HERE:

```

ENDMETHOD.

With this extension, your specific code will always be executed if a conversion group is processed, that is NOT configured for the QuantityWare MQCI; thus your legacy conversions will not be affected.

#### Transport Reference:

SAP Release	Transport	File name
ECC600	-	-
4.72	SOHK900917	NOTE-000024.SAR
4.6C	-	-

See <http://www.quantityware.com/support/index.php?rubric=Documentation> for documentation downloads.

See note-000002 for further information regarding how to apply a transport fix.

#### Validity:

SAP Release	From SP	To SP	In SP Shipment
4.72	ALL	ALL	-