How to use the GBKMUT and other ES accounting files

(prepared for Macola ES software clients of Leahy Consulting – updated 4-07)

This document will assist you to better understand the contents of the GBKMUT file. As more is learned about the GBKMUT and associated files, this document will be updated. The information in this document was obtained from various copyrighted sources of Exact Software.

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Reference materials:

- Database documentation for Globe batch 350 – This 300 page PDF document is a very good document to get familiar with the technical aspects of this file. It contains a very good overview of the file and what it contains. Additionally, it contains several sample SQL scripts for extracting certain types of data from the file (ex. actual data, budget data, etc.)

Other key tables:

- Chart of Accounts (GRTBK) – this table contains one record for each account number including the account number and description.
- Cost Centers (KSPREK) – this table contains one recode for each cost center including the cost center number and description.
- Cost Units (KSDREK) – this file is the companion file to the cost center file, but for cost units.
- Customers (ARCUSFIL) – this is a SQL view and not a table
- Vendors (APVENFIL) – this is a SQL view and not a table

Key data fields in the GBKMUT file:

This file is tedious to use because the data fields names are in Dutch. A few fields are in English, but these seem to be fields that have been added along the way or fields that happen to be named something where the Dutch name is the same as the English name. These are the primary fields. A full list is below this section:

Account number	Reknr
Account desc. (in GRTBK file)	Oms25_o
Cost center	Kstplcode
Cost unit	Kstdrcode
G/L date of the transaction	Datum
Month number	Periode
Year	Bkjrcode
Document date	Docdate
Amount (document or budget amt)	Bdr_hfl
Customer number	Debnr
Vendor number	Crdnr
Document number	Docnumber
Project number	Project
Budget version	Budvers
Item number	Artcode
Item quantity	Aantal

Journal number	Dagbknr
Reference	OMS25

How to extract budget data:

- The following selection criteria is needed to extract budget data from the GBKMUT file:
    - {gbkmut.transtype} = "B" and {gbkmut.entryorigin} = "U"
- Since this file contains budget data for all years, periods and budget versions, you will need to be sure to select the proper:
    - Budget version (bud_ver)
    - Budget year (bkjrcode), and
    - Budget period (periode)
- If you are extracting budget data for a project, you will need to also select based on the project code (project).

How to extract actual data:

- The following selection criteria is needed to extract actual data from the GBKMUT file:
    - Not (isnull ({gbkmut.project})) and {gbkmut.transtype} in ['N', 'C', 'P']
- Since the file contains actual data for all years and periods, you will need to be sure to select the proper:
    - Year (bkjrcode), and
    - Month (periode)
- If you are extracting budget data for a project, you will need to also select based on the project code (project).

Alphabetical list of all data fields in the GBKMUT file:

I have bolded the more frequently used fields. The list of fields below is a modified version of an Exact copyrighted document.

Fieldname	Description
aantal	**Item quantity**
afldat	Delivery date
amountcentral	Amount in central currency
artcode	**Item number**
bankacc	Bank account number
BankTransactionGUID	Bank transaction guid
bdrkredbep	No longer used
bdrkredbp2	No longer used
bdr_hfl	**Actual or budget amount**
bdr_val	Amount in foreign currency
betaalref	Payment reference
betcond	No longer used
bkjrcode	Financial year
bkstnr	Entry number

bkstnr_sub	Order number sub-administration
blockitem	Authorized
btwper	VAT percentage
btw_bdr_3	VAT amount in division currency
btw_code	VAT code
btw_grond	VAT base amount in division currency
btw_grval	VAT base amount in foreign currency
btw_nummer	VAT number
bud_vers	**Budget version**
CashRegisterAccount	Cash register
Checked	Checked
Cmp_wwn	Account guid
companycode	Division code
comp_code	Component
Correction	Correction
crdnr	**Vendor number**
currencyaliasac	Division currency code
currencycode	Default currency code
dagbknr	Journal number
datum	**Transaction date**
dbk_verwnr	Journal posting number
debnr	**Customer number**
Discount	Discount percentage
DocAttachmentId	Attachement ID
docdate	**Document date**
docnumber	**Reference**
documentid	Document ID
EndTime	End time
EntryGuid	Entry guid
entryorigin	Entry origin
exvalbdr	Amount in cross currency
exvalcode	Cross currency code
facode	Fixed assets code
faktuurnr	Our reference
freefield1	Free field 1
freefield2	Free field 2
freefield3	Free field 3
freefield4	Free field 4
freefield5	Free field 5
ID	Unique identifier
IntArea	Intrastat area code

IntComplete	Intrastat complete
IntDelivery method	Intrastat delivery method
IntLandAssembly	Country of assembly
IntLandDestOrig	Intrastat standard Code
IntLandISo	Intrastat ISO country
IntPort	Intrastat sea-, airport
IntStandardCode	Intrastat standard code
IntStatNr	Intrastat statistical number
IntStatUnit	Intrastat statistical units
IntSystem	Intrastat system
IntTransA	Intrastat transaction A
IntTransB	Intrastat transaction B
IntTransportMethod	Intrastat transportation method
IntTransShipment	Intrastat transshipment search code
IntWeight	Intrastat weight
koers	Foreign currency exchange rate
koers3	Exchange rate outstanding item
kredbep	No longer used
kstdrcode	**Cost unit**
kstplcode	**Cost center**
lastreminderdate	Last reminder date
LinkedLine	Line number linked
oms25	**Description**
oorsprong	Origin
Orderdebtor	Order debtor
Original_Quantity	Original quantity
paymentmethod	Payment method
PayrollCosts	Costs
PayrollSubType	Payroll sub type
periode	**Month**
Pricelist	Pricelist
project	**Project code**
raplist	Report number EU Sales List
rapnr	Report number VAT declaration
rate	Division currency exchange rate
ReconcileNumber	Serial number
regel	Line number
regelcode	Code generated lines
reknr	**General ledger account number**
remindercount	Security level
reminderlayout	Reminder layout

ReportingDate	No longer used
res_id	Human Resource ID
Reviewed	Reviewed
Selcode	Selection code
Shipment	Shipment code
StartTime	Start time
stat_nr	Statement number
StockTrackingNumber	Tracking number
storno	Reversal entry
syscreated	Creation date
syscreator	Creator ID
sysguid	Unique identifier
sysmodified	Modification date
sysmodifier	Modifier ID
TaxCode2	Tax code 2
TaxCode3	Tax code 3
TaxCode4	Tax code 4
TaxCode5	Tax code 5
TaxBasis2	Tax basis 2
TaxBasis3	Tax basis 3
TaxBasis4	Tax basis 4
TaxBasis5	Tax basis 5
TaxAmount2	Tax amount 2
TaxAmount3	Tax amount 3
TaxAmount4	Tax amount 4
TaxAmount5	Tax amount 5
tegreknr	Offset G/L account number
timestamp	Timestamp
TransactionGuid	Transaction guid
TransactionGuid2	Transaction guid from parent transaction
transactiontype	Transaction type
transsubtype	Transaction subtype
transtype	Transaction type
Unitcode	Unit code
valcode	Foreign currency code
vatamountcentral	VAT amount in default currency (used in e-Synergy only)
vatbaseamountcentral	VAT base amount in default currency
vervdatfak	Invoice due date
vervdatkrd	No longer used
vervdtkrd2	No longer used
verwerknrl	Posting number

vlgn_gbk2	Sequence number 2
volgnr5	Sequence number
Warehouse	Warehouse
Warehouse_Location	Warehouse location
wisselkrs	Cross currency exchange rate
verwijder	No longer used

Cross-reference of ES data entry fields to GBKMUT data fields

The following is a copy of document 01.424.201. This is an excellent cross-reference between the ES data entry and view screen field names and the GBKMUT field names.

In Macola ES records are stored in the GBKMUT table. This table is the final destination of all transactions that affect the General Ledger. The table below explains what information is stored in the table for specific transactions. This information was stored in open item files or tables in the Progression Series with column names which matched the data entry fields. In Macola ES the field name on the entry screen, the column name you see in the views, and the column name in the actual table are not the same. This table is intended to help you understand what information is stored in the table as well as how the data you enter on the data entry screens appears in the views (Select/Search and Card views).

Transaction Type	Field on Entry Screen	Column in Table	Column in View
Accounts Payable			
Voucher	Voucher Number	Faktuurnr	Our Reference
	Invoice Number	Docnumber	Your Reference
	Purchase Order Number	Bkstnr_sub	SO Number
	Reference (Default is AP Vch: xxxxxxxx)	OMS25	Description
Credit Memo	Voucher Number (applied to, not credit memo number)	Faktuurnr	Our Reference
	Apply To (Voucher Invoice #)	Docnumber	Your Reference
	Purchase Order Number	Bkstnr_sub	SO Number
	Reference (Default is AP Crm: xxxxxxxx)	OMS25	Description
Cancellation Voucher	Voucher Number (applied to, not cancellation voucher #)	Faktuurnr	Our Reference
	Invoice Number	Docnumber	Your Reference
	Purchase Order Number	Bkstnr_sub	SO Number
	Reference (Default is AP XVch: xxxxxxx)	OMS25	Description
Check	Voucher Number check is applied to	Faktuurnr	Our Reference
	Invoice Number check is applied to	Docnumber	Your Reference
	Purchase Order Number of Voucher	Bkstnr_sub	SO Number
	Description (Default is AP Vch: xxxxxxx)	OMS25	Description
Purchase Order			
PO Receipt	Receiver Number	Faktuurnr	Our Reference
	Purchase Order Number - Item Description	Docnumber	Your Reference
	Purchase Order Number	Bkstnr_sub	SO Number
	PO RCPT (Default)	OMS25	Description
Accounts Receivable			
AR Sales	Document Number	Faktuurnr	Our Reference
	Purchase Order Number	Docnumber	Your Reference
	Reference (default is AR Inv: xxxxxxxx)	OMS25	Description

Debit Memo	Apply To No.	Faktuurnr	Our Reference
	Purchase Order Number	Docnumber	Your Reference
	Reference (AR Dbm: xxxxxxxx)	OMS25	Description
Credit Memo	Apply To No.	Faktuurnr	Our Reference
	Purchase Order Number	Docnumber	Your Reference
	Reference (default is AR Crm: xxxxxxxx)	OMS25	Description
Finance Charge	Document Number	Faktuurnr	Our Reference
	Purchase Order Number	Docnumber	Your Reference
	Reference (default is AR Fch: xxxxxxxx)	OMS25	Description
Service Invoice	Document Number	Faktuurnr	Our Reference
	Purchase Order Number	Docnumber	Your Reference
	Reference (default is SV Inv: xxxxxxxx)	OMS25	Description
Service Credit Memo	Apply to No.	Faktuurnr	Our Reference
	Purchase Order Number	Docnumber	Your Reference
	Reference (default is SV Crm: xxxxxxxx)	OMS25	Description
Order Entry			
OE Invoice	Invoice Number	Faktuurnr	Our Reference
	Purchase Order Number	Docnumber	Your Reference
	OE Order Number	Bkstnr_sub	SO Number
	OE Inv: xxxxxxxx	OMS25	Description
OE Invoice (IM Distributions)	Invoice Number	Faktuurnr	Our Reference
	Purchase Order Number	Docnumber	Your Reference
	OE Order Number	Bkstnr_sub	SO Number
	OE CogsI Ord: xxxxxxx	OMS25	Description
OE Credit Memo	Apply to	Faktuurnr	Our Reference
	Purchase Order Number	Docnumber	Your Reference
	Credit Memo Order Number	Bkstnr_sub	SO Number
	OE CRM: xxxxxxxx	OMS25	Description
OE Credit Memo (IM Distributions)	Apply to	Faktuurnr	Our Reference
	Purchase Order Number	Docnumber	Your Reference
	Credit Memo Order Number	Bkstnr_sub	SO Number
	OE CogsC Ord: xxxxxxx	OMS25	Description