

EC VAT Changes – Information for Global 2000 developers

New VAT legislation is being introduced from January 1st 1993. As a result of the legislation a number of modifications have to be made to some Global 2000 modules.

Sales bulletin GS59 (August 1992) gave a brief description of the functional enhancements in the Global modules. This technical bulletin is primarily for use by software developers who have either interfaced their own software Global 2000 modules or have modified some area of Global 2000 modules.

During the development of the current versions of both Sales Ledger (V6.1 & V6.2) and Purchase Ledger (V7.0). TIS Software took decisions not to increase the record lengths of data files and not to modify the layout of the data unless absolutely necessary. This was in order to allow vertical software to undergo the minimum of change when interfacing to these newer modules. A side effect of the policy not to change the record sizes was that spare (filler) bytes had to be used for new or larger fields. This meant that fewer bytes were available for use by vertical software developers.

With the introduction of the VAT changes new fields have to be introduced into Sales Ledger and Purchase Ledger files. It is therefore necessary to increase the record lengths of key data files, at the same time more 'filler' bytes are being defined.

Although only the files of Sales Ledger, Purchase Ledger and SOP/Invoicing are being changed, due to the high level of integration in the Global 2000 software a number of other modules that use these files need to be upgraded.

Modules that are to be upgraded are:-

SL	Sales Ledger
OP	Sales Order Processing
VC	Invoicing
SN	Sales Analysis
RE	Sales Suite Recovery
PL	Purchase Ledger
PM	Purchase Order Manager
JC	Job Costing
PB	BACS
YA	Sales Ledger Autoposting
AU	Purchase Ledger Autoposting
PX	Manufacturer

Purchase Order Processing will **not** be upgraded. POP is single currency and is therefore its market is unlikely to intersect significantly with the market where items are bought from the EC.

Included in the Sales Ledger updates is an increase in the size of customer address details. The first four address lines are being increased to thirty characters each. The telephone number is being increased to twenty characters and a fax number of twenty characters is being introduced.

To assist vertical software developers in their integration with the upgraded modules the remainder of the bulletin describes the proposed changes to the record layouts. Although we believe these changes are comprehensive it may prove necessary during development to make further modifications to the data structures.

Furthermore, where the record length has changed, the following information will allow you to make an initial re-calculation of disk space usage for the new software.

CHANGES TO PURCHASE LEDGER FILES

<i>File name</i>	<i>Record</i>	<i>Changes</i>
GLC	GG	<ul style="list-style-type: none"> New field for the Nominal Ledger – "Acquisitions" account code: GGCOM PIC S9(2) COMP; GGTDEP PIC S9(2) COMP; GGNUM PIC X(10) introduced after "POM in use" flag GGPMPL. Filler at the end of the record is reduced from 110 to 98 bytes.
	GH	<ul style="list-style-type: none"> New fields for the VAT exchange rate and the expiry date of the exchange rate: GHRT3 PIC 9(4,4) COMP; GHDAT PIC DATE introduced into the table GHTAB after field GHRT2. Filler at the end of the record is reduced from 248 to 108 bytes.
	CT	<ul style="list-style-type: none"> The currency table CT is a common data area set up directly from the currency table GHTAB. New fields for the VAT exchange rate and the expiry date: CTRT3 PIC 9(4,4) COMP; CTDAT PIC DATE introduced into table CTTAB after CTRT2.
PSD	RD	<ul style="list-style-type: none"> Record length increased from 192 to 224 bytes. New fields for the National code for VAT and the VAT registration code RDECCC PIC X(2); RDECVT PIC X(15) introduced after RDTAIL. Additional filler of 15 bytes available at the end of the record.
	RH	<ul style="list-style-type: none"> Record length increased from 192 to 224 bytes. Filler at the end of the record increased from 16 to 48 bytes.
	RT	<ul style="list-style-type: none"> Record length increased from 192 to 224 bytes. Filler at the end of the record increased from 20 to 52 bytes.

CHANGES TO SALES LEDGER FILES

<i>File name</i>	<i>Record</i>	<i>Changes</i>
GLC	GG	<ul style="list-style-type: none"> New field for the company fax number GGCFAX PIC X(20) introduced before GGREST – initialised to spaces. Size of GGREST is reduced from 272 bytes to 252 bytes.
	GH	<ul style="list-style-type: none"> GH contains the currency table copied from book CT. The filler at the end of the record is reduced from 308 bytes to 168 bytes.
	CT	<ul style="list-style-type: none"> New fields for the expiry date of the VAT exchange rate and the rate itself: CTEXDT PIC 9(6) COMP; CTVRAT PIC 9(4,4) COMP introduced at the end of table CTTCUR within the "occurs 20" area.
	GB	<ul style="list-style-type: none"> Fields selected from records on the GLC are held in a common data block– GB. The company fax number is included in this area after the "New Sales Analysis in use" flag (GBSNIN) GBGFAX PIC X(20)
CAB	AA	<ul style="list-style-type: none"> Record length increased from 256 to 352 bytes. The contact telephone number AACTE at offset #68 becomes a 12 byte filler. New field for the National code for VAT AAMSCD PIC X(2) introduced after field AALON. New fields for contact phone number (increased in size), fax number, area for future use by TIS Software Ltd and area reserved for tailoring AACTE PIC X(20); AACFAX PIC X(20); AATIS1 PIC X(34); AATAIL PIC X(20) introduced after AAMSCD.
	AH	<ul style="list-style-type: none"> Record length increased from 256 to 352 bytes. Filler at the end of the record increases from 227 to 323 bytes.
	AC	<ul style="list-style-type: none"> Record length increased from 256 to 352 bytes. Filler at the end of the record increases from 140 to 236 bytes.
CAD	DA	<ul style="list-style-type: none"> Record length increased from 170 to 270 bytes. Address lines 1 to 4 (DAAD1 – DAAD4) increased to 30 bytes each. Telephone number DATEL increased from 12 to 20 bytes. New fields for a fax number and a contact name DAFAX PIC X(20); DACON1 PIC X(25) introduced after the telephone number and before the US tax code field DATA. There are 2 fillers at the end of the record – 2 bytes reserved for TIS Software Ltd and 20 available for tailoring.
	DP	<ul style="list-style-type: none"> Record length is increased from 170 to 270 bytes. Filler at the end of the record increases from 41 to 137 bytes.
SLT	LT	<ul style="list-style-type: none"> Record length is increased from 128 to 160 bytes. New field for Sales list id (ESL-id) LTESLN PIC 9(2) COMP introduced after LTBOSA. There are 2 fillers at the end of the record – 23 bytes reserved for TIS Software Ltd and 20 available for tailoring.
	LH	<ul style="list-style-type: none"> Record length is increased from 128 to 160 bytes. New fields for the current ESL-id and the date the last ESL was printed LHESLN PIC 9(2) COMP; LHESLD PIC 9(6) COMP introduced after the operator-id field LHOPID. Filler at the end of the record increases from 115 to 142 bytes.
CAW	AW	<ul style="list-style-type: none"> Record length increased from 256 to 352 bytes. Address lines 1 to 4 (AWAD1–AWAD4) increased to 30 bytes each. Telephone number field AWCTE increased from 12 to 20 bytes. New field for customer fax number AWFAX PIC X(20) introduced after AACTE and before the currency symbol AWCURR. There are 2 fillers at the end of the record – 31 bytes reserved for TIS Software Ltd and 20 bytes available for tailoring.

CHANGES TO SALES ORDER PROCESSING/INVOICING FILES

<i>File name</i>	<i>Record</i>	<i>Changes</i>
ODT	DX	<ul style="list-style-type: none"> Record length increased from 160 to 249 bytes. Address lines 1 to 4 (DXAD1–DXAD4) increased to 30 bytes each. Telephone number field DXTEL increased from 12 to 20 bytes. New fields for customer fax number and contact name DXFAX PIC X(20); DXCON1 PIC X(25) are introduced after DXTEL. A 10 byte area is available for tailoring at the end of the record DXTAIL PIC X(10).
	DL	<ul style="list-style-type: none"> Record length increased from 160 to 249 bytes. There is a 70 byte filler reserved for TIS Software Ltd followed by a 20 byte area available for tailoring at the end of the record DHTAIL PIC X(20)
	DH	<ul style="list-style-type: none"> Record length increased from 160 to 249 bytes. There is an additional filler of 89 bytes reserved for TIS Software Ltd before DHTAIL.
SIF		<ul style="list-style-type: none"> Record length of records on SIF increased from 350 to 464. Records for SIF are defined within copy book SL and redefine a data area. Field DATA in copy book SL is increased from 350 to 464 bytes.
	A0	<ul style="list-style-type: none"> The filler at the end of the record is increased from 320 to 434 bytes.
	A1	<ul style="list-style-type: none"> New field for company fax number A1GFAX PIC X(20) introduced after the nominal ledger code multiplier A1NLCM. The filler at the end of the record is increased from 130 to 224 bytes.
	A2	<ul style="list-style-type: none"> New field for the EEC VAT code A2ECVT PIC 9(2) COMP introduced after the VAT table A2VRAT. Filler at the end of the record increased from 55 to 168 bytes.
	B0	<ul style="list-style-type: none"> Filler at the end of the record increased from 342 to 456 bytes.
	B1	<ul style="list-style-type: none"> Filler at the end of the record increased from 342 to 456 bytes.
	B2	<ul style="list-style-type: none"> Filler at the end of the record increased from 342 to 456 bytes.
	B3	<ul style="list-style-type: none"> Filler at the end of the record increased from 342 to 456 bytes.
	B4	<ul style="list-style-type: none"> Filler at the end of the record increased from 346 to 460 bytes.
	C1	<ul style="list-style-type: none"> There are 2 fillers at the end of the record – 111 bytes for TIS Software Ltd and 20 bytes available for tailoring.
	C2	<ul style="list-style-type: none"> Address lines 1 to 4 (C2AD1–C2AD4) increased to 30 bytes each. Telephone number C2TEL increased from 12 to 20 bytes. New fields for fax number and contact name C2FAX PIC X(20); C2CON1 PIC X(25) introduced after C2TEL and before C2TAXU. New fields for contact's telephone number and National code for VAT C2CTE PIC X(20); C2MSCD PIC X(2) introduced after C2TAXU. Filler at the end of the record increased from 30 to 38 bytes.
	C3	<ul style="list-style-type: none"> Address lines 1 to 4 (C3AD1–C3AD4) increased to 30 bytes each. Telephone number field C3TEL increased from 12 to 20 bytes. New fields for fax number and contact name C3FAX PIC X(20) C3CON1 PIC X(25) introduced after C3TEL and before C3TAX. Filler at the end of the record reduced from 60 to 8 bytes.
	D1	<ul style="list-style-type: none"> Filler at the end of the record increased from 32 to 150 bytes.