

## SOFTWARE DATA SHEET

The General Business System (GBS) Release 2.0 was developed and is maintained by the Wang Applications Development and Support group. Distribution and installation are handled by Wang-approved software consultants. GBS allows considerable flexibility during installation; file sizes are adjustable and can be tailored to satisfy the needs of any small- to medium-sized business organization.

GBS Release 2.0 is a versatile disk-based system designed to run on Wang's 2200 series MVP/LVP. Disks containing critical data and programs are easy to unload and store, and all information is readily available during all stages of processing. In addition, GBS meets the most demanding security requirements through detailed audit records, a unique password facility, and fast, easy backup procedures.

Several operators can simultaneously utilize a single MVP/LVP central processing unit. This means no waiting for access to the system. Payroll can be processed while customers are being billed and financial reports are being printed.

Each terminal is interactive. CRT (Cathode Ray Tube) screens display direct instructions and data, eliminating the need for off-site user training and cumbersome instruction materials.

The MVP/LVP supports one or more system printer(s), accessible by all operators, and/or one dedicated terminal printer per operator.

The complete GBS Release 2.0 package consists of five applications, three of which can be purchased as stand-alone systems and two which are dependent on at least one file in another application. The diagram on Page 2 illustrates the interfaces between stand-alone and dependent GBS applications.

### SYSTEM SETUP

#### Data Files

The GBS system requires virtually no operator intervention. Once a data base is created, the system relies upon this data for calculating totals, formulating financial reports, and printing checks, invoices, etc.

The user is responsible for the accuracy of the information in the data files. However, the system assists the operator during data entry by supplying extensive

# 2200

## GBS RELEASE 2.0 (GENERAL BUSINESS SYSTEM)

- Complete general accounting
- Fast, reliable analysis reporting
- Interactive, multiuser processing
- Multicompany capabilities
- Easy backup procedures

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ABLE'S CABLE COMPANY
GBS/MVP SYSTEM MENU
Release 2.0

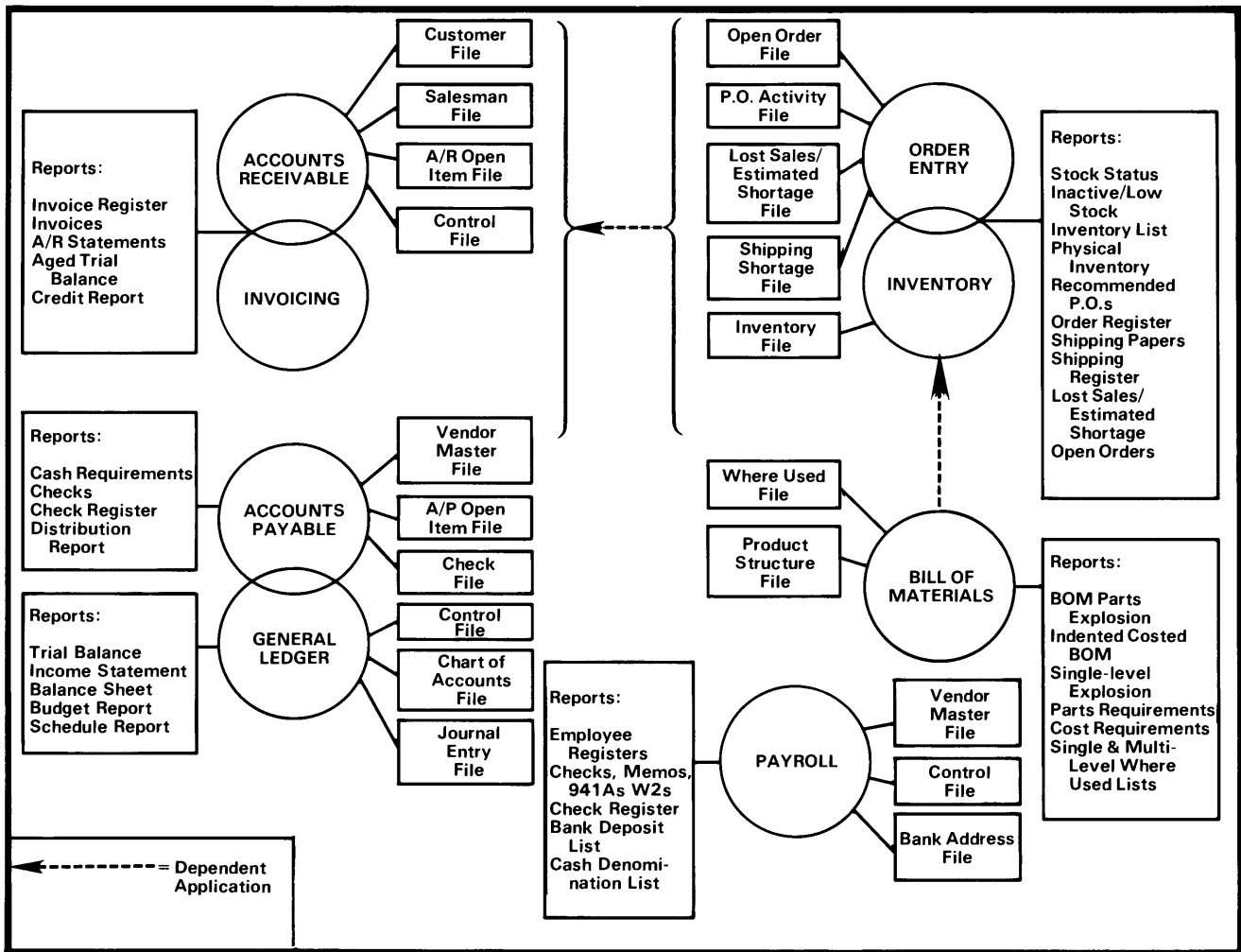
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SFK PROGRAM NAME                                SFK PROGRAM NAME
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(00) INVOICING & RECEIVABLES MENU              (06) UTILITIES MENU
(01) INVENTORY MENU                             (07) FILE REORGANIZATION MENU
(02) ORDER ENTRY MENU
(03) ACCOUNTS PAYABLE MENU
(04) GENERAL LEDGER MENU
(05) PAYROLL MENU                               (31) END OF PROCESSING

DEPRESS FUNCTION KEY
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### Data Files (continued)

verification prompts before accepting information.

Inaccurately entered data or outdated information can be changed or voided through maintenance programs, but the system will notify the operator before allowing premature deletion of information. In many cases, a lockout feature prevents deletion or reorganization of records with, for example, a non-zero balance.

During actual processing, the system requests entry of key information associated with records in the data files. Upon entry of this information, processing is transparent to the user as records are added, changed, or deleted.

### Data Base Maintenance

Initial creation and continued updating of the files is performed by maintenance programs to add, change, or delete records. All maintenance activity is reflected in audit reports.

### Data Base Inquiry

GBS offers Display/Print programs for inspecting information in the data files through screen displays and/or hard copy printouts. At any stage of processing, the operator can investigate an entire file, a range of records in a file, or individual records selected at random.

### **Audit Records**

Audit files automatically accumulate all maintenance-type data to create audit trails of file activity. Each time the contents of a data file are affected, a record of the change is stored in an audit file. GBS provides utilities to print reports reflecting these changes.

### **File Reorganization**

Reorganization programs are provided for every KFAM (Key File Access Method) data file in the system. These programs are designed to purge the files of all inactive records and to compress the files to make room for creation of new records.

## **APPLICATIONS**

### **Accounts Receivable, Invoicing/Inventory, Order Entry**

Although the Accounts Receivable (A/R), Invoicing application is designed as a stand-alone system, it is strongly recommended that it be purchased in conjunction with the separate but dependent Inventory, Order Entry (O/E) application. Together, the two systems contain nine data files: Customer, Salesman, A/R Open Item, Control, Open Order, P.O. Activity, Lost Sales/Estimated Shortage, Shipping Shortage, and Inventory.

The first step in the order processing cycle is entry of customer orders. Upon entry, the system checks the Inventory file, allocates the desired items, prints internal shipping papers (also used as packing slips), and enters orders into the Open Order file. The operator notifies the system when orders are filled and shipped. When it is necessary to make partial shipments, the system creates backorders to be filled when goods are received. (If partial shipments are undesirable, the software consultant can modify the system accordingly.) When an order is completely filled, a GBS option to close the entire order eliminates the otherwise time-consuming confirmation function. Invoices are created at this point and can be printed when desired.

The GBS Release 2.0 A/R system concurrently processes invoices for balance forward and open item customers. Through a special A/R code, customers are designated as either open item or balance forward, and all customer records are handled accordingly. As payments (full or partial) are received, they are posted to the A/R Open Item file for distribution to one or more invoice(s). Month-end procedures include deleting fully-paid invoices from the file and producing various reports.

Sales analysis reports by customer, product, and salesman include gross margin figures to highlight the profitability of each customer, product, and salesman on file. Credit reports are available for reference into any specified customer's account, and inventory reports are provided for speedy inquiry into stock status.

In addition to the GBS Inventory system, Wang has developed an Inventory Management system. Designed to interface with GBS Release 2.0, the Inventory Management system assists the small- to medium-sized business organization in planning and controlling inventories by providing extensive statistical forecasting.

### **Accounts Payable, General Ledger**

The GBS Accounts Payable, General Ledger (A/P, G/L) application contains six files (Vendor, Chart of Accounts, A/P Open Item, Journal Entry, Check, and Control) to perform several major functions of the accounting cycle. A/P, G/L is designed to run as a stand-alone system.

A/P programs journalize vendor transactions, store open items, and catalog distribution amounts to interface with the G/L system. A Cash Requirements report is available to assist in isolating cash for payment of invoices. Checks can be printed for all or selected accounts.

The Vendor file provides the usual information and includes year-to-date discounts taken, G/L account numbers, date of last payment, and balance due.

G/L programs perform the usual routines of posting accounts (journal entries) and printing financial reports. Other modules must be installed if the G/L is to interface with the journals.

The chart of accounts contains codes to place accounts in all related financial reports. The structure of the files supports all the generally accepted accounting needs. The month-end or year-end budget report provides cost variance analysis of actual versus projected budget accounts.

### **Payroll**

GBS Payroll is a stand-alone application with three files (Employee, Bank Address, and Control) to accumulate the data necessary to perform payroll operations for hourly, hourly-exempt, and salaried employees.

Each employee record stored in the Employee file has capacity for 15 earning and deduction types and 10 tax types. Automatic system calculations are based

**Payroll (continued)**

on the consultant-modifiable algorithm assigned to each, and on individual details such as employee marital status, pay type, and salary/rate.

Eight standard pay cycles are set up in the Control file: weekly, bi-weekly, 10th and 20th, 15th, end of month, quarterly, yearly, and vacation. In unusual situations, transactions can be processed between cycles; a program is provided to manually adjust totals when handwritten transactions have occurred and not been recorded during a standard pay period. Vacation pay is handled by a special feature that combines vacation and regular pay without distorting tax amounts.

GBS Payroll offers three payment methods. Cash and check payments are standard, as well as a direct bank deposit option facilitated by the Bank Address file. Memos to accompany payment are produced for distribution to employees and/or their banks, and check registers, bank deposit lists, and cash denomination lists supply the employer with hard copy reference to totals paid in each category.

**Bill of Materials**

The Bill of Materials (BOM) application is a system designed to perform a series of material handling func-

tions. It is a dependent application intended to interface with the GBS Inventory system.

Three files (Product Structure, Where Used, and Inventory) contain the BOM data used in meeting a range of functional requirements for a manufacturing concern: storage and maintenance of assembly-component relationships; reports including single- and multi-level bills of materials, where-used lists, and gross requirements lists with netting; the ability to update low-level coding status; dynamic implementation of engineering changes in the bill of materials; and a means of updating cost information throughout the system.

The Product Structure file is the actual BOM file. It contains a list of components (a bill of materials) for each assembly in the manufacturing system. Each product in the Product Structure file must have a corresponding record in the Inventory file.

The Where-Used file is an index to component-assembly relationships throughout the BOM system. All maintenance activity occurring in the Product Structure file is automatically reflected in the Where Used file.

For further details contact:

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*Wang Laboratories reserves the right to change specifications without prior notice.*



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