



Report Generator

Power POS Report Generator

Basic operation:

- A. Go to "System Setup", "Create Report".

```

+-----+-----+-----+-----+
| PowerPOS Versi on 1. 4e          |      August 02, 1999      |
| Registered To: Test Company     |      11: 37: 15 am      |
+-----+-----+-----+-----+
| Maintenance      File Options  |  Utilities  |  Importing  |
+-----+-----+-----+-----+
| Setup Modules   |               |               |               |
| Help           |               |               |               |
| Maintain Company Name |               |               |               |
| Maintain System Defaults |               |               |               |
| Menu Maintenance |               |               |               |
| Maintain Terminal Information |               |               |               |
| Maintain Multi User  |               |               |               |
| Maintain Security   |               |               |               |
| Maintain Procedures |               |               |               |
| Help Maintenance   |               |               |               |
| Help Maintenance   |               |               |               |
| Maintain Printer Driver |               |               |               |
| Create Report      |               |               |               |
| Run Report        |               |               |               |
+-----+-----+-----+-----+
|-----+-----+-----+-----|
| F1-Help       Use arrow keys to scroll I through the menus. | Esc-Exit |
|-----+-----+-----+-----|

```

- B.1. Enter a "Report Name". This must be a valid DOS filename, up to 8 character name and a 3 character extension (".RPT" is recommended).
- B.2. Enter a "Title". This title will print on the top of each report page.

```

+-----+-----+-----+-----+
| PowerPOS Versi on 1. 4e          |      August 02, 1999      |
|                               |      11: 38: 59 am      |
|-----+-----+-----+-----|
| Report Name MY_RPT.RPT      |      Create Report |
| Title Report of all fields in each file |
| Filename      Key Field     |                        |
|               Relate From   |                        |
|               Relate From   |                        |
|                       To     |                        |
|                       To     |                        |
| Report Fields |
|
|
| Select Fields |
|
| Printer Control Codes
+-----+-----+-----+-----+
| F1-Help F2-List ALT-I Information ESC-Exit |

```

C: Hit <F2> at "Filename" and select the filename that you wish to base the report on. Power³ POS uses file-naming conventions. The first 2 characters of the data filename is ALWAYS "PS", the second 2 letters represents the module. (e.g. "AR"= Accounts Receivable, "MN"= Main System, etc.) The last 4 letters represent the file usage.

NOTE: Most transaction functions have 2 or more files that hold the data. (e.g. "Make Sales" uses both a "head" and a "body" file. Most fixed data functions like "Maintain Vendors" use only a single file, "main".

```

+-----+
| PowerPOS Versi on 1. 4e                                     August 02, 1999 |
+-----+-----+-----+
|                        Create Report                        |
+-----+-----+-----+
| Report Name MY_RPT.RPT                                       |
| Title Report of all fields in each file                       |
| Filename PSMNDICT Key Field                                   |
|                   Relate From                               To |
|                   Relate From                               To |
+-----+-----+-----+
| Report Fields                                               |
+-----+-----+-----+
| Select Field |
|  |           | | |
|  |-----| | |
|  |Filename;File Description| |
|  |-----| | |
|  | PSMNDICT;Dictionary File  | |
|  | PSMNHLPD;Help Detail File  | |
|  | PSMNHLP;Help File          | |
|  | PSMNINFO;Company Name File | |
|  | PSMNKNUM;Key Numbers       | |
|  | PSMNMEN2;New Menu File     | |
|  |-----| | |
+-----+-----+-----+
F1-Help

```

D. Go to "Key Field" and hit <F2> for a list of keys. A "Key" is a method of sorting a report. All keys are predefined by the programmer so all you can do is pick which sort order you wish on the report.

```

+-----+
| PowerPOS Versi on 1. 4e                                     August 02, 1999 |
+-----+-----+-----+
|                        Create Report                        |
+-----+-----+-----+
| Report Name MY_RPT.RPT                                       |
| Title Report of all fields in each file                       |
| Filename PSMNDICT Key Field  DI CT_BUFF_NAME                |
|                   Relate From                               To |
|                   Relate From                               To |
+-----+-----+-----+
| Report Fields                                               |
+-----+-----+-----+
| Select Fields |
|  |           | | |
|  |-----| | |
|  | Key Name   | |
|  |-----| | |
|  | DI CT_FI EL D_NAME | |
|  | DI CT_BUFF_NAME   | |
|  | DI CT_OVERLAY     | |
|  |-----| | |
+-----+-----+-----+
F1-Help

```


- G. Select other fields (using <F2>) as needed to complete the report adding Titles as needed using (<Alt-I>).

```

+-----+-----+
| PowerPOS Version 1.4e                                     August 02, 1999 |
|-----+-----+-----+-----+-----+-----+-----+
|                               Create Report              |11:55:28 am|
|-----+-----+-----+-----+-----+-----+-----+
| Report Name MY_RPT.RPT                                  |
| Title Report of all fields in each file                 |
| Filename PSMNDICT Key Field DI CT_BUFF_NAME            |
|                               Relate From              | To |
|                               Relate From              | To |
|-----+-----+-----+-----+-----+-----+-----+
| Report Fields                                          |
| DI CT_BUFF_NAME                                       |
| DI CT_FI ELD_NAME                                     |
|-----+-----+-----+-----+-----+-----+-----+
| Select | Field name | Field Description |
|-----+-----+-----+-----+-----+-----+-----+
| DI CT_FI ELD_NAME | INDIVIDUAL FIELD NAME |
| DI CT_HARRAY      | LAST NUMBER OF ARRAY ELEMENTS HOLDE |
| DI CT_HDEC        | LAST NUMBER OF DEC CHRS HOLDER      |
| DI CT_HOFFSET     | LAST OFFSET HOLDER                  |
| DI CT_HSI ZE      | LAST DI SPLAY SI ZE HOLDER          |
| DI CT_HTYPE       | LAST TYPE HOLDER                    |
|-----+-----+-----+-----+-----+-----+-----+
| F1-Hel p
  
```

- H. Go to “Select Fields” and hit <F2> for a list of “Select Fields”. A “Select Field” limits the output of the report by a pair of selection criteria. The First “Select Field” must be the same as the “Key Field”.

```

+-----+-----+
| PowerPOS Version 1.4e                                     August 02, 1999 |
|-----+-----+-----+-----+-----+-----+
|                               Create Report              |11:57:58 am|
|-----+-----+-----+-----+-----+-----+-----+
| Report Name MY_RPT.RPT                                  |
| Title Report of all fields in each file                 |
| Filename PSMNDICT Key Field DI CT_BUFF_NAME            |
|                               Relate From              | To |
|                               Relate From              | To |
|-----+-----+-----+-----+-----+-----+-----+
| Report Fields                                          |
| DI CT_BUFF_NAME                                       |
| DI CT_FI ELD_NAME                                     |
| DI CT_DESC                                               |
| DI CT_TYPE                                               |
| DI CT_SI ZE                                              |
|-----+-----+-----+-----+-----+-----+-----+
| Select Fields                                          | Printer Control Codes |
| DI CT_BUFF_NAME                                       |
|-----+-----+-----+-----+-----+-----+-----+
| F1-Hel p F2-Li st ALT-I Information ESC-Exit
  
```

- I. Hit <Alt-I> for the “Field Information Screen” and input the Caption for the “Select Fields” you want displayed on the screen. You can redefine the “From”/”Thru” by entering the values in the “From Default” and “Thru Default” fields.

```

+-----+-----+
| PowerPOS Version 1.4e                                August 02, 1999 |
|-----+-----+-----+-----+-----+-----+-----+-----+
|                               Create Report          -11:58:25 am- |
|-----+-----+-----+-----+-----+-----+-----+-----+
| Report Name MY_RPT.RPT                               |
|-----+-----+-----+-----+-----+-----+-----+-----+
|                               Field Information         |
|-----+-----+-----+-----+-----+-----+-----+-----+
|                               Caption File Name Range |
| From Default                                     |
| Thru Default                                     |
|-----+-----+-----+-----+-----+-----+-----+-----+
| DICT_DESC                                         |
| DICT_TYPE                                         |
| DICT_SIZE                                         |
|-----+-----+-----+-----+-----+-----+-----+-----+
| Select Fields                                     Printer Control Codes |
| DICT_BUFF_NAME                                     |
|-----+-----+-----+-----+-----+-----+-----+-----+
| F1-Help

```

- J. After selecting the appropriate “Select Fields” then hit <ENTER> to the “Printer Control Codes” section. Enter the first “Printer Control Code” as either PCMP=Compressed print(15/17 cpi), B12=Elite print(12 cpi), or PREG=Regular Pica print(10cpi). The second “Printer Control Code” should always be PREG. Hit <F10> and <ENTER> to save the report.

```

+-----+-----+
| PowerPOS Version 1.4e                                August 02, 1999 |
|-----+-----+-----+-----+-----+-----+-----+-----+
|                               Create Report          -12:20:13 pm- |
|-----+-----+-----+-----+-----+-----+-----+-----+
| Report Name MY_RPT.RPT                               |
| Title Report of all fields in each file             |
| Filename PSMNDICT Key Field DICT_BUFF_NAME         |
|                               Relate From           To |
|                               Relate From           To |
|-----+-----+-----+-----+-----+-----+-----+-----+
| Report Fields                                     |
| DICT_BUFF_NAME                                     |
| DICT_FIELD_NAME                                    |
| DICT_DESC                                         |
| DICT_TYPE                                         |
| DICT_SIZE                                         |
|-----+-----+-----+-----+-----+-----+-----+-----+
| Select Fields                                     Printer Control Codes |
| DICT_BUFF_NAME                                     PREG          |
|                                                     PREG          |
|-----+-----+-----+-----+-----+-----+-----+-----+
| F1-Help

```

K. Go to "System Setup", "Run Report".

```

+-----+-----+
| PowerPOS Version 1.4e                        August 02, 1999      |
| Registered To: Test Company                  04:31:39 pm    |
+-----+-----+
| Maintenance      File Options      Utilities      Importing      |
+-----+-----+
| Setup Modules   |
| Help           |
| Maintain Company Name |
| Maintain System Defaults |
| Menu Maintenance |
| Maintain Terminal Information |
| Maintain MultiUser |
| Maintain Security |
| Maintain Procedures |
| Help Maintenance |
| Help Maintenance |
| Maintain Printer Driver |
| Create Report   |
| Run Report      |
+-----+-----+

```

F1-Help Use arrow keys to scroll through the menus. Esc-Exit

L. Scroll the list to find your report, hit <ENTER> to select.

```

+-----+-----+
| PowerPOS Version 1.4e                        August 02, 1999      |
| Registered To: Test Company                  04:32:02 pm    |
+-----+-----+
| Maintenance      File Options      Utilities      Importing      |
+-----+-----+

```

Report Name	Description
- LOPER.RPT	LIST OPERATOR ON A SALE
MGFLST.RPT	Inventory listing by mfg code
MY_RPT.RPT	Report of all fields in each file
NOTAX.RPT	NO TAX REPORT
OPEN.RPT	OPEN ORDER REPORT OF CASH CUSTOMERS
PAID.RPT	PAID OUT LISTING REPORT

Use arrow keys to select the edit screen.

Features:

The Power POS Report Generator has several advanced features:

1. User defined fixed length ASCII and Comma Delimited Exports.
2. Collect data from up to 3 files per report
3. Global data changes.

N. User defined fixed length ASCII and Comma Delimited Exports.

Any, and all, reports created with the POWER POS Report Generator allows for the following outputs:

- Screen
- Printer
- Disk file
- Export Fixed Length
- Export Comma Delimited

N. Collect data from up to 3 files per report. The following example uses 2 files:

```

PowerPOS Versi on 1. 4e                                August 09, 1999
----- Create Report -----05:48:58 pm-----
Report Name SMI SC. RPT
Title LIST OF ALL MI SCELLANEOUS SALES
Filename PSCSBHST Key Field CS. BD. TRAN
          PSCSHHST Relate From CS. HD. TRAN      To CS. BD. TRAN
          Relate From                               To

Report Fields
CS. BD. TRAN          CS. BD. CAT
CS. HD. DATE
CS. BD. ITEM
CS. BD. DESC
CS. BD. PRICE
CS. BD. QUAN

Select Fields          CS. BD. CAT          Printer Control Codes
CS. BD. TRAN          PCMP
CS. HD. DATE          PREG
CS. BD. TYPE
    
```

F1-Help

Notes: This report has a “ONE to MANY” relationship, meaning that there is one record for each order in the order history HEADER file (PSCSHHST); and, there are multiple records for each order in the history BODY file (PSCSBHST). All “ONE to MANY” relationship reports ALWAYS use the “MANY” as the first filename in the report and the “ONE” as the last. Also note that the printer is set to print in condensed.

Note. In this example, the select field "CS.BD.TYPE" is defaulted to type "M".

PowerPOS Versi on 1. 4e		August 09, 1999
Regi ste		--Enter your selecti ons--
		-06: 04: 32 pm
Mai ntenan	From- TRAN #	0
	Thru-	0
	DATE	
	From- 00/00/0000	
	Thru- 00/00/0000	
	ITEM TYPE	
	From- M	
	Thru- M	
	SALES DEPARTMENT	
	From-	
	Thru-	
	R	
	S	
	S	
	S	
	S	
	S	
	S	
	S	

Use arrow keys to select the edi t screen.

Below is a sample result.

Test Company

LIST OF ALL SALES MISCELLANEOUS

August 09, 1999 06:04:37.69 p Page# 1

TRAN#	DATE	ITEM	DESCRIPTION	RETAIL	QTY	DEPT#
2833	01/18/99	ABCDEFGKJ	MILK	20.00	1.00	1
2833	01/18/99	78963542	TEST	350.00	1.00	SALES
2845	01/22/99	F		0.00	1.00	FRGHT
2846	01/22/99	F		0.00	1.00	FRGHT
3138	06/04/99	C		2.00	1.00	COUP
					5.00	

Total number of records printed: 5

