

Report Generator

Power POS Report Generator

Basic operation:

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

	egistered To: Test Company		11:37:15 am
laintenance Setup Modules Help Maintain Compar Maintain System Menu Maintenanc Maintain Termir Maintain Multiu Maintain Securi Maintain Procec Help Maintenanc Help Maintenanc Maintain Printe Create Report Run Report	Defaults e al Information ser ty lures	Utilities	Importing

- 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 Version 1. 4e

Report Name MY_RPT. RPT
Title Report of all fields in each file
Filename Key Field
Relate From To
Report Fields

Report Fields

Select Fields

Printer Control Codes

F1-Help F2-List ALT-I Information ESC-Exit
```

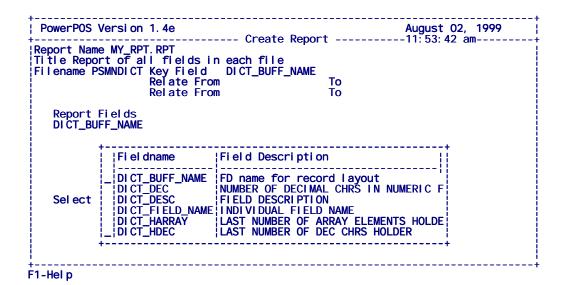
C: Hit <F2> at "Filename" and select the filename that you wish to base the report on. Power ³ POS uses file-naming conventions. The first 2 characters of the data filename is ALWAYS "PS", the second 2 letters represents the module. (e.g. "AR"= Accounts Receivable, "MN"= Main System, etc.) The last 4 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".

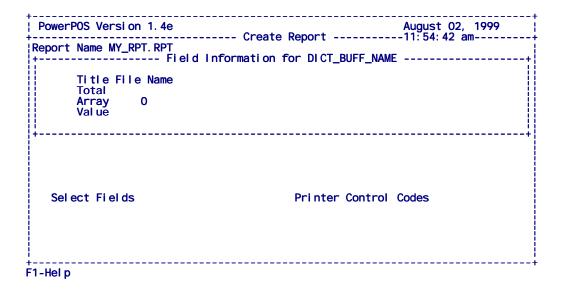
PowerPOS Versi on 1. 4e August 02, 1999	
report Name MY_RPT.RPT Title Report of all fields in each file Tilename PSMNDICT Key Field Relate From To Relate From To	
Report Fields	
Filename File Description PSMNDICT Dictionary File PSMNHLPD Help Detail File PSMNHLPM Help File PSMNHLPM Help File PSMNINFO Company Name File PSMNKNUM Key Numbers PSMNKNUM Key Numbers PSMNMEN2 New Menu File	
-Hel p	

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.

4	
PowerPOS Versi on 1.4e	August 02, 1999 Create Report11:45:14 am
Report Name MY_RPT.RPT Title Report of all fields in Filename PSMNDLCT Key Field Relate From Relate From	each file DICT_BUFF_NAME
Report Fields	
Sel ect Fi el ds	Key Name
F1-Hel p	



F. Hit <Alt-I> for the "Field Information Screen" and input the Column Title you want displayed on the report. If the field you are selecting is a Numeric type field (e.g. "item.onhand" you can put a "Y" in the "Total" field and that column will total at the end of the report. If the field you are selecting has an "Array" the cursor will stop on the "Array" field and allow the entry of any valid array number. "Array's" allow the program to have multiple fields with the same name and just a different "Array" number. "Array's" are normally used for groups of like data (eg. "item.price.lvls" is a 10 element array used to hold the 10 pricing levels for each inventory item.)



G. Select other fields (using <F2>) as needed to complete the report adding Titles as needed ⁵ using (<Alt-I>).

F1-Help

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

Report Name MY_RPT.RPT
Title Report of all fields in each file
Filename PSMNDICT Key Field DICT_BUFF_NAME
Relate From To
Report Fields
DICT_BUFF_NAME
DICT_FIELD_NAME
DICT_TSC
DICT_TYPE
DICT_SIZE

Select Fields
Printer Control Codes
DICT_BUFF_NAME
```

F1-Help F2-List 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

Report Name MY_RPT. RPT

Field Information

Caption File Name Range
From Default
Thru Default

DICT_DESC
DICT_TYPE
DICT_SIZE

Select Fields
DICT_BUFF_NAME

Printer Control Codes

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

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
Relate From To

Report Fields
DICT_BUFF_NAME
DICT_FIELD_NAME
DICT_FIELD_NAME
DICT_TYPE
DICT_SIZE

Select Fields Printer Control Codes
DICT_BUFF_NAME
PREG
PREG
```

est Company	August 02, 1999 04:31:39 pm	
File Options	Utilities	I mporti ng
Name efaults Information es		
	File Options lame Efaults Information	File Options Utilities lame efaults Information

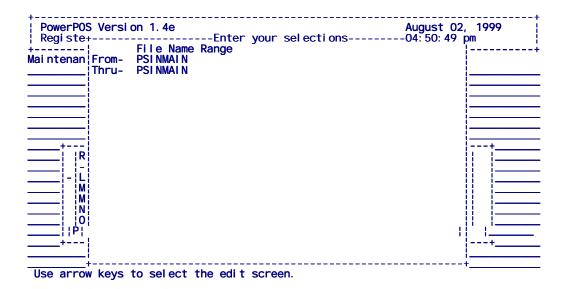
F1-Help Use arrow keys to scroll through the menus.

Esc-Exi t

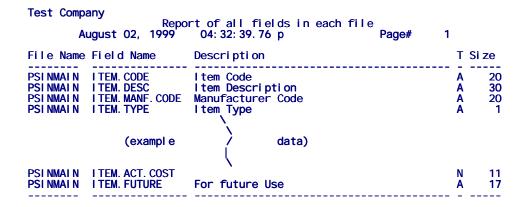
L. Scroll the list to find your report, hit <ENTER> to select.

PowerPOS Version 1.4e Registered To: Test Company			August 02, 1999 04:32:02 pm	
ai ntenance	File Options	Utilities	I mporti ng	
+ ¦Report Nam	ne ¦Descriț	oti on		+
- LOPER. RPT MGFLST. RPT MY_RPT. RPT NOTAX. RPT	I nvento Report NO TAX OPEN OF	PERATOR ON A SALE ORY LISTING by mfg co of all fields in eac REPORT RDER REPORT OF CASH CO UT LISTING REPORT	1	

Use arrow keys to select the edit screen.



N. Below is a sample result.



Total number of records printed: 6

Advanced operation:

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
- 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

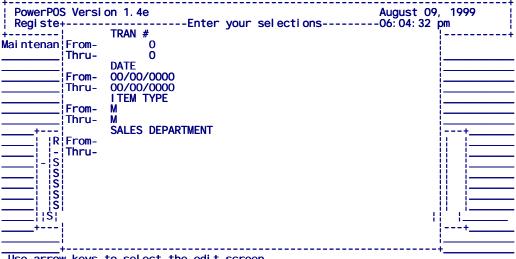
Export Fixed Length
Export Comma Delimited

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
     Report Fields CS. BD. TRAN
                                  CS. BD. CAT
      CS. HD. DATE
      CS. BD. I TEM
      CS. BD. DESC
      CS. BD. PRI CE
      CS. BD. QUAN
     Select Fields
CS. BD. TRAN
CS. HD. DATE
                                                               Printer Control Codes
                                  CS. BD. CAT
                                                               PCMP
                                                               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".



Use arrow keys to select the edit screen.

Below is a sample result.

Test Company
LIST OF ALL SALES MISCELLANEOUS
August 09, 1999 06: 04: 37. 69 p Page# I TEM **DESCRIPTION** QTY DEPT# TRAN# DATE **RETAIL** 2833 01/18/99 2833 01/18/99 2845 01/22/99 2846 01/22/99 3138 06/04/99 ABCDEFGKJ 78963542 F F C 20. 00 350. 00 0. 00 0. 00 2. 00 1.00 1 1.00 SALES 1.00 FRGHT 1.00 FRGHT 1.00 COUP

Total number of records printed:

A. Global data changes. It is possible to make global data changes to ANY data in the POWER POS data files. This can be done to all records or only a selected range of records. Please beware, this makes changed to many or all records in a file and therefore must be used with CAUTION and YOU MUST HAVE A BACKUP BEFORE YOU RUN IT!!! In the example below we will change "TERMS CODE" in the Customer file to "5" for all customers that are currently "TERMS CODE" "1":

```
PowerPOS Version 1. 4e

Report Name UPDTERM. RPT
Title UPDATE TERMS
Filename PSARMAIN Key Field CUST. CODE
Relate From To
Relate From To
Relate From To
Select Fields
CUST. CODE
CUST. TERMS

Select Fields
CUST. CODE
CUST. CODE
CUST. TERMS

Printer Control Codes
CUST. TERMS

F1-Help
```

Shown below, is the mechanism that allows global changes to occur. Use the "VALUE" field of the <Alt-I> window, by putting a "Y" in the first position followed by the NEW VALUE "5" following the "Y" as in the example "Y5".

```
PowerPOS Version 1. 4e

Report Name UPDTERM. RPT

Title Terms Code
Total
Array 0
Value Y5

Select Fields
CUST. CODE
CUST. TERMS

Printer Control Codes
CUST. TERMS

F1-Help
```

After you run the report and select the output, you are presented with the following query. It is a good idea to run the report to the screen and then answer this query with a "N" to preview what the result will be. Answering this query with an "N" will show what changes would have been made had the question been answered with a "Y".

