



**SERIES L/TC**

**REPORT WRITER**

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## **GENERAL CONCEPT**

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This Report Writer which is written in COBOL is designed to run on any L/TC system with card-in and/or magnetic record capability. The Report Writer provides a series of sub-routines to handle functions normally associated with any report leaving the programmer responsible for movement and calculating of data pertaining to his particular report.

To obtain the complete applications COBOL program requires a merging of the L5000 REPORT WRITER (LSOLT magnetic tape) with a set of properly sequenced customized patch cards on a B3500.

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# INTRODUCTION

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To effectively use this Report Writer, the programmer should be completely familiar with all the sub-routines made available to him. Once these sub-routines are understood, the programmer is then left with program responsibility for only movement and calculation of data that is significant for any particular report.

In determining whether the Report Writer will be any benefit to the programmer, the program definition must have been completed. The three major categories which are part of any program definition are Input, Output, and Processing. Using these categories to evaluate the Report Writer, will enable the programmer to determine its applicability.

Sub-routines included in the Report Writer provide for:

- Input:** The capability to read Magnetic Records through the console, the A4005 Magnetic Record reader and the ability to read punch card data through the A595 Card Reader, or any combination of all three.
- Output:** The basic layout of column headings shown below illustrates the maximum report design available with the Report Writer. A great deal of flexibility is provided by sub-routines for formatting the desired machine printed output. Complete flexibility is also provided for alteration of column headings layout according to specific user requirements.
- Processing:** The programmer by merely using a PERFORM statement of a specific label is able to call in routines which provide for: Adding up to five levels of control totals, automatic clearing of these levels of totals, printing of heading lines, input and special read error conditions.

## BASIC LAYOUT OF COLUMN HEADINGS

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9
Description	Ref 1	Ref 2	Amount 1	Amount 2	Amount 3	Amount 4	Amount 5	Amount 6

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# BASIC LAYOUT OF SEQUENCE NUMBERS

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In using the Report Writer, it is important to be familiar with the sequence number structure utilized in its design.

It is imperative that the integrity of the sequence numbers be maintained for the following reasons: (a) patch cards must have correct sequence numbers so as not to result in an improper overlay. (b) patch cards must be in correct sequence to avoid a fatal sequence error.

Explanations in the following PROGRAMMING CONSIDERATIONS make reference to these sequence numbers which are defined in the chart shown below.

001010	TO	001080	IDENTIFICATION DIVISION
001090	TO	001130	ENVIRONMENT DIVISION
001150	TO	001230	USED TO DEFINE PRINT POSITIONS FOR COLUMN HEADINGS
001250	TO	001330	USED TO DEFINE PRINT POSITIONS FOR LINE ITEMS
001350	TO	001410	USED TO DEFINE PRINT POSITIONS FOR TOTALS
001430	TO	001500	INPUT/OUTPUT SECTION
001510			DATA DIVISION
001530	TO	002550	MAGNETIC RECORD READER INPUT FILE
002560	TO	003580	80 COLUMN CARD INPUT FILE
003590	TO	004110	MAGNETIC RECORD CONSOLE INPUT FILE
004120	TO	004610	ANY ADDITIONAL FILES NEEDED BY PROGRAMMER
004630	TO	004690	WORKING STORAGE SECTION
004700	TO	005690	CAN BE USED FOR DECLARING ADDITIONAL WORK AREAS
005700	TO	005750	DOWN ACCUMULATION AREAS
005760	TO	005850	USED TO DEFINE COLUMN HEADINGS
005860	TO	005910	USED TO DEFINE TOTAL LEVEL DESCRIPTIONS
005930	TO	006000	USED TO DEFINE PRINT FORMATS FOR NUMERIC DATA
007020			PROCEDURE DIVISION
007030			DECLARATIVES
007040	TO	009820	USED FOR REPORT WRITER SUBROUTINES
009830			END DECLARATIVES
009850	TO	009880	INITIALIZATION
009890	TO	026000	CAN BE USED BY PROGRAMMER
026010			STOP RUN
026020			END OF JOB

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# PROGRAMMING CONSIDERATIONS

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## A. INPUT FILE AND FIELD DEFINITIONS

The programmer is responsible for assigning data names to the following files which are declared by the Report Writer in the data division.

### 1. Magnetic Record Reader Input:

Report Writer:     001530  FD  LEDGER-IN-AR.  
                  001540  01  AUTO-READER-INPUT.  
                  001550       02  FILLER FMT IS 9.

#### Programmer:

If a different 01 level data-name (sequence 001540) is desired, this can easily be changed by creating a new card for sequence number 001540. For 02 level data-names the first sequence number must be 001550. Additional sequence numbers may be added up to 002550. If reader input is not required, no changes are necessary.

#### Example:

If in a specific report a customer Magnetic Record containing customer name, 30, 60, 90 day balances and total balance is to be read for a report, the patch cards might be prepared as follows:

001540     01     CUSTOMER-RECORD-CARD.  
001550           02  NAME PC IS X(23).  
001560           02  THIRTY-DAYS PC ZZZ,ZZZ.99.  
001570           02  SIXTY-DAYS PC ZZZ,ZZZ.99.  
001580           02  NINETY-DAYS PC ZZZ,ZZZ.99.  
001590           02  TOTAL-BALANCE PC ZZZ,ZZZ.99.

### 2. Punched Card Input

Report Writer:     002560  FD  PUNCHED-CARD-IN  
                  002570  01  PUNCHED-CARD-INPUT  
                  002580       02  FILLER FMT IS 9.

#### Programmer:

If a different 01 level data-name (sequence 002570) is desired this can easily be changed by creating a new card for sequence number 002560. For 02 level data-names the first sequence number must be 002580. Additional sequence numbers may be added up to 003580. If punch-card input not required, no changes are necessary.

#### Example:

If in a specific report a card containing a part description, part no. and quantity on hand is to be read, the patch cards might be prepared as follows:

002570     01     STOCK-RECORD  
002580           02  DESCRIPTION PC IS X(23)  
002590           02  PART-NUMBER PC IS Z(5)  
002600           02  QUANTITY-ON-HAND PC IS Z(5)

### 3. Magnetic Record Input Via Console

Report Writer: 003590 FD LEDGER-IN  
003600 01 CONSOLE-INPUT  
003610 02 FILLER FMT IS 9

#### Programmer:

If a different 01 level data-name (sequence 003600) is desired this can easily be changed by creating a new card for sequence number 003600. For 02 level data-names the first sequence number must be 0026100. Additional sequence numbers may be added up to 004110. If Magnetic record input via the console is not required, no changes are necessary.

#### Example:

If in a specific report a customer Magnetic Record containing customer name, 30, 60, 90 day and total balance is to be read for a report, the patch cards might be prepared as follows:

003610 02 CUSTOMER-NAME PC IS X(23)  
003620 02 THIRTY-DAYS PC IS ZZZ,ZZZ.99.  
003630 02 SIXTY-DAYS PC IS ZZZ,ZZZ.99.  
003640 02 NINETY-DAYS PC IS ZZZ,ZZZ.99.  
003650 02 TOTAL-BALANCE PC IS ZZZ,ZZZ.99.

### 4. Declaration of Reference and Amount Fields

Report Writer: 009860 MOVE 2 TO REFERENCES  
009870 MOVE 6 TO AMOUNTS

#### Programmer:

When using magnetic record input it is necessary to indicate the number of reference and amount fields required in report. This is required only for manual listing of magnetic record data in case of read error.

#### Example:

If only 1 Reference Column and 4 amount columns required; patch cards would be prepared as follows:

009860 MOVE 1 TO REFERENCES  
009870 MOVE 4 TO AMOUNTS.



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# REPORT WRITER ROUTINES

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## 1. PRINT HEADINGS

**Statement:** PERFORM PRINT-HEADINGS

**Function:** This routine will print the appropriate column headings from memory.

**Requirements:** Change the VA clauses for sequence numbers 005770 to 005850 (refer report writer COBOL listing) to contain the headings required. If necessary the print positions can be changed by changing the relative cards in sequence 001150 to 001230.

**Example:** In a specific report the heading for the first column is "Customer Name" and it should be printed starting at position 8.

**Solution:** To change column heading:

Sequence number 005770 contains:

005770 COLUMN-1-DESCR PC IS X(11) VA IS "DESCRIPTION"

Patch card should contain:

005770 COLUMN-1-DESCR PC IS X(13) VA IS "CUSTOMER NAME"

To change position:

Sequence number 001150 contains:

001150 COLUMN-1-POS IS POS 5.

Patch card should contain:

001150 COLUMN-1-POS IS POS 8.

## 2. CLEAR TOTALS

**Statement:** PERFORM CLEAR-TOTALS

**Function:** To clear all five levels of down accumulations.

**Requirements:** This statement is contained in the initialize section of the Report Writer. It may be used by the programmer at any place.

**Example:** To clear totals.

**Solution:** PERFORM CLEAR-TOTALS

## 3. PRINT DESCRIPTION

### a. From Buffer

Due to execution speeds when moving alpha it is usually desirable to print alpha directly from buffer (Input file.)

**Example:** To print description directly from buffer.

POSITION TO DESCR-POS

DISPLAY description.

**b. From Work Area**

In cases where it is necessary to retain alpha information for subsequent use, it can be moved to ALPHA-WORK-AREA. A subroutine is provided for printing from this area.

**Statement:** PERFORM PRINT-DESCRIPTION  
**Function:** Will print alpha data contained in an area defined as ALPHA-WORK-AREA, positioning as defined in sequence 001250.  
**Requirements:** In the procedure division the programmer should move data to be printed to ALPHA-WORK-AREA.  
**Example:** To print the customer name. (Using example of file declared on page 5).  
**Solution:** MOVE NAME TO ALPHA-WORK-AREA  
PERFORM PRINT-DESCRIPTION.

**4. PRINT FIRST REFERENCE.**

**Statement:** PERFORM PRINT-REF-1.  
**Function:** Will print the contents of the accumulator formatted by sequence 005930, at position defined in sequence 001260.  
**Requirements:** The programmer should move the appropriate reference number to the accumulator. If a different format or different print position is desired, sequence 005930 (FORMAT) and sequence 001260 (POSITION) would be changed.  
**Example:** To print a part number contained in an area defined as PART-NUMBER in the first reference column.  
**Solution:** MOVE PART-NUMBER TO ACCUMULATOR.  
PERFORM PRINT-REF-1.

**5. PRINT SECOND REFERENCE**

**Statement:** PERFORM PRINT-REF-2.  
**Function:** Will print the contents of the accumulator formatted by sequence 005940 at position defined in sequence 001270.  
**Requirements:** The programmer should move the appropriate reference number to the accumulator. If a different format or different print position is desired, sequence 005940 (FORMAT) and sequence 001270 (POSITION) would be changed.  
**Example:** To print a warehouse number contained in an area defined as WAREHOUSE-NUMBER in the 2nd reference column.  
**Solution:** MOVE WAREHOUSE-NUMBER TO ACCUM.  
PERFORM PRINT-REF-2.

## 6. PRINTING AMOUNTS

**Statements:**      PERFORM PRINT-AMT1.  
                     PERFORM PRINT-AMT2.  
                     PERFORM PRINT-AMT3.  
                     PERFORM PRINT-AMT4.  
                     PERFORM PRINT-AMT5.  
                     PERFORM PRINT-AMT6.

**Functions:**      These routines will print the contents of the accumulator formatted by sequence numbers 005950 to 006000 at positions defined in sequence numbers 001280 to 001330, as well as down accumulate to five levels of totals.

                     If it is desired to change the format or print position of any of the above, sequence numbers 005950 to 006000 (FORMAT) and 001280 to 001330 (POSITION) would be changed.

**Requirements:**    To print a balance contained in an area defined as NINETY-DAY-BALANCE in the third amount column.

**Solution:**        MOVE NINETY-DAY-BALANCE TO ACCUM.  
                     PERFORM PRINT-AMT3.

## 7. TO PRINT LEVEL TOTALS

**Statements:**      PERFORM PRINT-LEVEL-ONE.  
                     PERFORM PRINT-LEVEL-TWO.  
                     PERFORM PRINT-LEVEL-THREE.  
                     PERFORM PRINT-LEVEL-FOUR.  
                     PERFORM PRINT-LEVEL-FIVE.

**Function:**        These routines will print the appropriate level description defined in sequence numbers 005870 to 005910 at position defined in sequence number 001350. The appropriate totals, formatted by sequence numbers 005950 to 006000 will print at positions defined in sequence numbers 001360 to 001410.

PRINT-LEVEL ONE will print level one and clear level one.

PRINT-LEVEL TWO will print level two and clear levels one and two.

PRINT-LEVEL THREE will print level three and clear levels one to three.

PRINT-LEVEL FOUR will print level four and clear level one to four.

PRINT-LEVEL FIVE will print level five and clear level one to five.

**Requirements:**    The programmer should define the level descriptions by using sequence numbers 005870 to 005910.

**Example:**        Description desired for first level totals is "DEPARTMENT  
                     1 TOTALS"

**Solution:**        Sequence number 005870 contains:

                     005870 LEVEL-1-DESCR PC IS X(14) VA "LEVEL-1-TOTALS"

                     Patch card should contain:

                     005870 LEVEL-1-DESCR PC IS X(19) VA "DEPARTMENT 1 TOTALS".

## 8. READING MAGNETIC RECORD THROUGH MAGNETIC RECORD READER

**Statement:** PERFORM READ-LEDGER-IN.

**Function:** This routine will read a magnetic record through the reader (or console if no reader). If a read error occurs on the magnetic record reader, the program will enable a console read with PKA 1 enabled.

PKA 1 is used for manual indexing of the report data when reading of data on the magnetic record is not possible.

**Requirements:** Files should be declared by programmer. (As defined under INPUT FILE AND FIELD DEFINITIONS).

**Example:** To read a customer record card.

**Solution:** PERFORM READ-LEDGER-IN

## 9. READING MAGNETIC RECORD THROUGH CONSOLE.

**Statement:** PERFORM READ-LEDGER-IN-CONSOLE

**Function:** This routine will read a magnetic record through the console. If a read error occurs, PKA 1 will be enabled.

PKA 1 is used for manual indexing the report data when reading of data on the magnetic record is not possible.

**Requirements:** Files should be declared by programmer. (As defined under INPUT FILE AND FIELD DEFINITIONS).

**Example:** To read a customer record card.

**Solution:** PERFORM READ-LEDGER-IN-CONSOLE.

## 10. INITIALIZATION

**Function:** Statements contained in this section provide for establishment of the desired number of reference and amount columns and the clearing of all totals.

**Requirements:** Unless changed by the programmer, it will establish 2 reference and 6 amount field (see item 4 under INPUT FILE AND FIELD DEFINITIONS, page 7).

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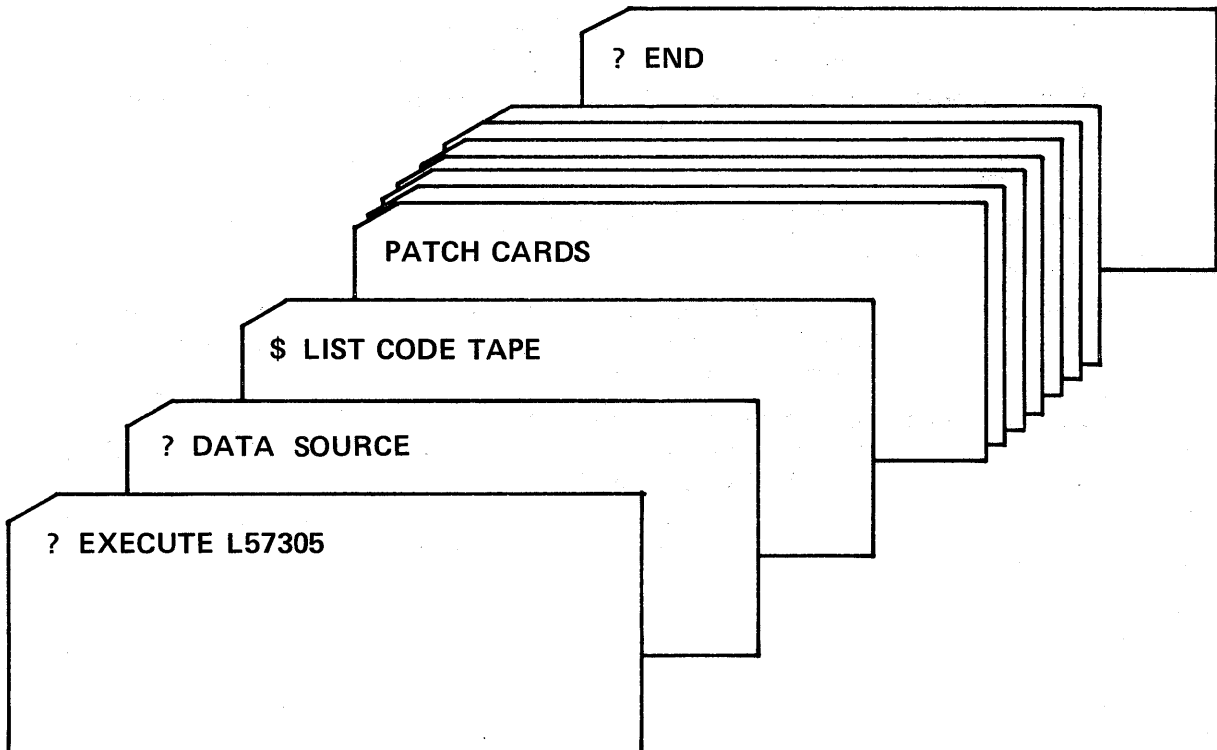
# REQUIREMENTS FOR COMPILATION

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Load the L5000 Report Writer LSOLT tape on magnetic tape unit and place patch cards in card reader. The patch cards will be combined with the Report Writer on magnetic tape and a full program printout and program tape will result.

For a more detailed discussion of COBOL compiling on B3500 refer to L/TC COBOL Reference Manual. (Form 2002259.)

## COMPILATION CARD SEQUENCE



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## **SAMPLE PROBLEM**

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Following is a sample program illustrating the use of the Report Writer. This program will produce a report that displays significant information from a Magnetic Unit Record. In this example, a Loan Status Report is prepared for use by management.

The Magnetic Unit Record is read into memory using the Magnetic Record Reader. Selected information is accumulated and displayed. When a special code is found in a record, the accumulated totals will print.

A Systems Definition chart is included identifying the processing requirements. A Systems Worksheet identifies the printing format and report headings.

The Source Listing identifies the "patch" cards prepared by the programmer by printing the # sign along the left margin of the compiler printout. You will notice that there are areas where blank patch cards have been used to overlay areas of the Report Writer. This technique will eliminate areas of the program that are not needed and make available additional memory if required. This also illustrates why care must be taken to insure that proper sequence numbers should be assigned.

### Magnetic Unit Record Contents

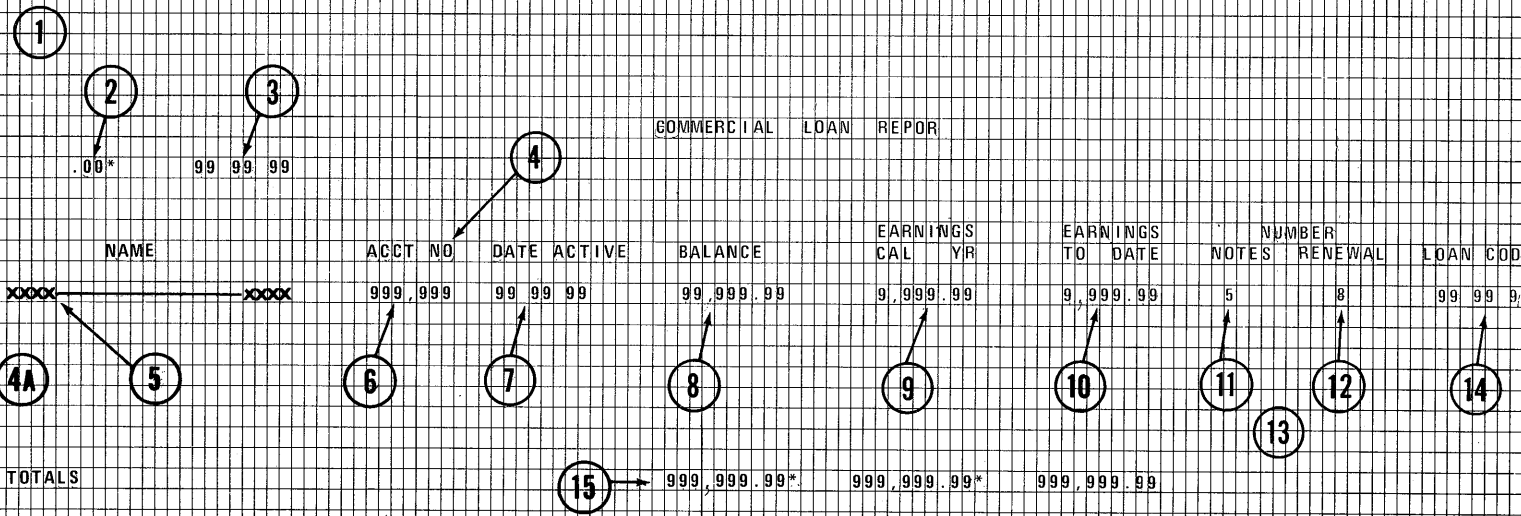
Name  
Address  
City, State, Zip Number  
Codes  
Account Number  
Telephone Number  
Date of Loan  
Special Codes  
Prior Interest  
Calander Interest  
Number of Notes  
Balance  
Last Transaction Date

CUSTOMER \_\_\_\_\_ APPLICATION INSTALLMENT/COMMERCIAL LOAN  
 EQUIPMENT L5000 BRANCH \_\_\_\_\_  
 SALESMAN \_\_\_\_\_ DATE \_\_\_\_\_

COMMERCIAL LOAN  
 TRIAL BALANCE

COMMERCIAL LOAN REPORT

NAME	ACCT NO	DATE ACTIVE	BALANCE	EARNINGS CAL YR	EARNINGS TO DATE	NUMBER NOTES	NUMBER RENEWAL	LOAN CODE
XXXXX	999,999	99 99 99	99,999.99	9,999.99	9,999.99	5	8	99 99 9
TOTALS			999,999.99*	999,999.99*	999,999.99			



MCMC COMS	DATA DESCRIPTION, OPERATION, OR SEGMENT	ALPHANUMERIC (A)	NUMERIC (N)	FIELD DEFINITION INPUT				INPUT SOURCE Keyboard (KB); Specify Media, Specify MB, OCK, PK, etc., only if particular one required; Punched Card (PC); Edge Punched Card (EPC); Punched Tape (PT); Striped Ledger (SL); Specify Reader; Memory (M); Data Com Receive. (R)	PROCESSING REQUIREMENTS Accumulations; Formulas; Extensions; Store for later use; Calculations; Formatting for output. Decisions	PRINT (✓)	PUNCH (✓)	FIELD DEFINITION OUTPUT				OUTPUT DETAIL Print: Specify Printer and Format Console (CP), Line Printer (LP); Punch: Specify Adjunct, Format, Special codes, etc.; Striped Ledger; Data Com Transmit. (T)	INSTR NO
				Fixed		Variable						Fixed		Variable			
				Size	Min	Max	Norm					Size	Min	Max	Norm		
	COMMERCIAL LOAN – REPORT							USE REPORT WRITER									
1	INITIALIZE																
2	CLEAR MEMORY																
3	ACCEPT & DISPLAY DATE	N	6					KB				6				C.P.	
4	DISPLAY HEADINGS	A						M								C.P.	
4A	ACCEPT LEDGER								TEST FOR END CODE. IF ENDING GO TO SEG 15								
5	DISPLAY NAME	A			23			M S/L					23			C.P.	
6	DISPLAY ACCT NO.	N			6			M S/L					6			C.P.	
7	DISPLAY DATE LAST ACTIVE	N	6					M S/L					6			C.P.	
8	DISPLAY BALANCE	N			8			M S/L	STORE				8			C.P.	
9	DISPLAY INT EARNINGS								ADD THIS CAL YR TO PRIOR FOR								
	THIS YEAR	N			7			M S/L	10 – STORE				7			C.P.	
10	DISPLAY TOTAL INT EARN.	N			7			M	STORE				7			C.P.	
11	MOVE NUMBER OF NOTES	N			2			M S/L									
	TO WORK – LEFT SIDE																
12	MOVE NUMBER OF RENEWALS	N			2			M S/L									
	TO WORK – RIGHT SIDE																
13	DISPLAY WORK	N		2	2			M					2	2		C.P.	
14	DISPLAY LOAN CODES	N	6					M S/L					6			C.P.	
15	PRINT TOTALS	N			8			M						8			

CUSTOMER \_\_\_\_\_ APPLICATION COMMERCIAL LOAN REPORT  
EQUIPMENT \_\_\_\_\_  
SALESMAN \_\_\_\_\_ BRANCH \_\_\_\_\_ DATE \_\_\_\_\_

Printed in U. S. America



**B SYSTEMS DEFINITION CHART**

PAGE \_\_\_\_\_

MKTG-2402 (Rev. 8/70)



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12 31 70

## COMMERCIAL LOAN REPORT

NAME	ACCT NO	DATE ACTIVE	BALANCE	EARNINGS CAL YR	EARNINGS TO-DATE	NUMBER		LOAN CODES
						NOTES	RENEWAL	
MRS FRED REED	12 345	9 07 70	9,000.00	75.00	75.00	4	0	2
A J REID	12 346	5 19 71	2,000.00	180.00	180.00	1	0	41 25 36
FRED SMITH	1 233	1 15 71	4,500.00	15.00	80.00	2	1	1 02 03
D A WALKER	12 345	12 24 70	3,000.00	139.75	139.75	1	0	1 25 14
TOTALS			18,500.00	409.75	474.75			

	001010 IDENTIFICATION DIVISION.	L5REPORT
#	001020 PROGRAM-ID, COMMERCIAL LOAN REPORT	L5REPORT
	001050 DATE WRITTEN,	L5REPORT
	001060 DATE COMPILED.	L5REPORT
#	001061* COPYRIGHT 1970 BURROUGHS CORPORATION	
	001062 SECURITY, THIS PROGRAM IS PROPRIETARY TO BURROUGHS CORPORATION,	L5REPORT
	001064 DETROIT, MICHIGAN, AND IS NOT TO BE REPRODUCED, OR	L5REPORT
	001066 DISCLOSED WITHOUT WRITTEN PERMISSION.	L5REPORT
	001070 REMARKS, BURROUGHS L/TC REPORT WRITER.	L5REPORT
	001080*****	L5REPORT
	001090 ENVIRONMENT DIVISION,	L5REPORT
	001100 CONFIGURATION SECTION.	L5REPORT
	001110 SOURCE-COMPUTER. B3500.	L5REPORT
	001120 OBJECT-COMPUTER. L5000.	L5REPORT
	001130 SPECIAL-NAMES,	L5REPORT
	001140*****COLUMN HEADINGS*****	L5REPORT
#	001150 COLUMN-1-POS IS POS 118.	
#	001160 COLUMN-2-POS IS POS 147.	
#	001170 COLUMN-3-POS IS POS 157.	
#	001180 COLUMN-4-POS IS POS 172.	
#	001190 COLUMN-5-POS IS POS 186.	
#	001200 COLUMN-6-POS IS POS 200.	
#	001210 COLUMN-7-POS IS POS 214.	
#	001220 COLUMN-8-POS IS POS 221.	
#	001230 COLUMN-9-POS IS POS 230.	
	001240*****LINES POSITIONS*****	L5REPORT
#	001250 DESCR-POS IS POSITION 118.	
#	001260 REF-1-POS IS POSITION 147.	
#	001270 REF-2-POS IS POSITION 158.	
#	001280 AMT-1-POS IS POSITION 171.	
#	001290 AMT-2-POS IS POSITION 186.	
#	001300 AMT-3-POS IS POSITION 200.	
#	001310 AMT-4-POS IS POSITION 215.	
#	001320 AMT-5-POS IS POSITION 223.	

#	001330	AMT=6*POS IS POSITION 230.	
	001340	*****TOTALS POSITIONS*****	LSREPORT
#	001350	LEVEL=DESCR=POS IS POSITION 118.	
#	001360	AMT-1-TOT=POS IS POSITION 171.	
#	001370	AMT-2-TOT=POS IS POSITION 186.	
#	001380	AMT-3-TOT=POS IS POSITION 200.	
#	001390	AMT-4-TOT=POS IS POSITION 215.	
#	001400	AMT-5-TOT=POS IS POSITION 223.	
#	001410	AMT-6-TOT=POS IS POSITION 240.	
	001420	INPUT-OUTPUT SECTION,	LSREPORT
	001430	FILE=CONTROL.	LSREPORT
	001440	SELECT LEDGER-IN=AR ASSIGN TO AUTO-READER NO WORK-AREA.	LSREPORT
	001450	SELECT LEDGER-IN ASSIGN TO LEDGER IN NO WORK-AREA.	LSREPORT
	001460	SELECT PUNCHED-CARD-IN ASSIGN TO CARD-READER IN	LSREPORT
	001470	NO WORK-AREA.	LSREPORT
	001480	*****	LSREPORT
	001490	* FILES TO BE DEFINED BY PROGRAMMER.	LSREPORT
	001500	*****	LSREPORT
	001510	DATA DIVISION.	LSREPORT
	001520	FILE SECTION.	LSREPORT
	001530	FD LEDGER-IN=AR.	LSREPORT
#	001540	01 COML-LOAN-IN.	
#	001550	02 NAME-IN PC IS X(23).	
#	001565	02 ADDRESS-IN PC IS X(23).	
#	001570	02 C=S-Z-IN PC IS X(23).	
#	001575	02 CODES-IN PC IS SJZZ,ZZ,ZZ.	
#	001580	02 ACTNO PC IS SZZZ,ZZZ.	
#	001585	02 TELNO PC IS SJ999,9999.	
#	001590	02 FIN=DATE PC IS SJZZ,ZZ,ZZ.	
#	001595	02 CODE=4 PC IS X.	
#	001600	02 CODE=5 PC IS X.	
#	001605	02 CODE=6 PC IS X.	
#	001610	02 CODE=7 PC IS X.	
#	001615	02 RENEW-IN PC IS S99.	
#	001621	02 PRIOR=INT-IN FMT IS S9(6) PC IS Z,ZZZ,99-.	

#	001625	02 CAL=INT-IN FMT IS S9(6) PC IS Z,ZZZ,99=.	
#	001630	02 NO=DF=NOTES PC IS S99,	
#	001635	02 BAL-IN FMT IS S9(8) PC IS ZZZ,ZZZ,99=.	
#	001640	02 LSTACT=IN PC IS SJZZ,ZZ,ZZ,	
#	001665	01 COML=LOAN=OUT,	
#	001670	02 NAME=OUT PC IS X(23),	
#	001675	02 FILLER FMT IS 9(15),	
#	001785	01 COML=LDGR=IN,	
#	001790	02 FILLER PC IS X(23),	
	002560	FD PUNCHED=CARD=IN,	L5REPORT
	002570	01 PUNCHED=CARD=INPUT,	L5REPORT
	002580	02 FILLER FORMAT IS 9.	L5REPORT
	003590	FD LEDGER=IN,	L5REPORT
	003600	01 CONSOLE=INPUT,	L5REPORT
	003610	02 FILLER FORMAT IS 9.	L5REPORT
	004620	*****	L5REPORT
	004630	WORKING-STORAGE SECTION,	L5REPORT
	004640	77 COUNTER PC IS 9.	L5REPORT
	004650	77 FIELD=NO PC IS 9.	L5REPORT
	004660	77 ALPHA=WORK=AREA PC X(50),	L5REPORT
	004670	77 REFERENCES PC IS 9,	L5REPORT
	004680	77 AMOUNTS PC IS 9,	L5REPORT
	004690	77 LINE=NO PC IS 99,	L5REPORT
	005700	01 LEVEL=TOTALS,	L5REPORT
	005710	02 LEVEL=ONE PC IS SZZ,ZZZ,ZZZ,99= OCCURS 6 TIMES,	L5REPORT
	005720	02 LEVEL=TWO PC IS SZZ,ZZZ,ZZZ,99= OCCURS 6 TIMES,	L5REPORT
	005730	02 LEVEL=THREE PC IS SZZ,ZZZ,ZZZ,99= OCCURS 6 TIMES,	L5REPORT
	005740	02 LEVEL=FOUR PC IS SZZ,ZZZ,ZZZ,99= OCCURS 6 TIMES,	L5REPORT
	005750	02 LEVEL=FIVE PC IS SZZ,ZZZ,ZZZ,99= OCCURS 6 TIMES,	L5REPORT
	005760	01 COLUMN=HEADINGS,	L5REPORT
#	005770	02 COLUMN=1=DESCR PC IS X(4) VA IS "NAME",	
#	005780	02 COLUMN=2=DESCR PC IS X(7) VA IS "ACCT NO",	
#	005790	02 COLUMN=3=DESCR PC IS X(11) VA IS "DATE ACTIVE",	
#	005800	02 COLUMN=4=DESCR PC IS X(7) VA IS "BALANCE",	
#	005810	02 COLUMN=5=DESCR PC IS X(6) VA IS "CAL YR",	

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# 005820 02 COLUMN=6-DESCR PC IS X(7) VA IS "TO-DATE",
# 005830 02 COLUMN=7-DESCR PC IS X(5) VA IS "NOTES",
# 005840 02 COLUMN=8-DESCR PC IS X(7) VA IS "RENEWAL",
# 005850 02 COLUMN=9-DESCR PC IS X(10) VA IS "LOAN CODES",
005860 01 TOTAL=DESCRIPTIONS, L5REPORT
# 005870 02 LEVEL=1-DESCR PC IS X(6) VA IS "TOTALS",
005880 02 LEVEL=2-DESCR PC X(14) VA "LEVEL 2 TOTALS", L5REPORT
005890 02 LEVEL=3-DESCR PC X(14) VA "LEVEL 3 TOTALS", L5REPORT
005900 02 LEVEL=4-DESCR PC X(14) VA "LEVEL 4 TOTALS", L5REPORT
005910 02 LEVEL=5-DESCR PC X(14) VA "LEVEL 5 TOTALS", L5REPORT
005920*****PRINT FORMATS***** L5REPORT
# 005930 01 REF=1-PC PICTURE IS JZZ,ZZZ,
# 005940 01 REF=2-PC PICTURE IS JZZ,ZZ,ZZ,
# 005950 01 AMT=1-PC PICTURE IS SZZ,ZZZ,99=,
# 005960 01 AMT=2-PC PICTURE IS SZZ,ZZZ,99=,
# 005970 01 AMT=3-PC PICTURE IS SZZ,ZZZ,99=,
# 005980 01 AMT=4-PC PICTURE IS Z9,
# 005990 01 AMT=5-PC PICTURE IS Z9,
# 006000 01 AMT=6-PC PICTURE IS JZZ,ZZ,ZZ,
# 006010 01 WORK=AREAS,
# 006020 02 DATE PC IS JZZ,ZZ,ZZ,
# 006030 02 TRIGGER PC IS 9(6) VA IS 999999,
# 006040 02 STORE=NO PC IS 999,999,
# 006050 02 TOT=INT FMT IS 9(6) PC IS Z,ZZZ,99,
007010***** L5REPORT
007020 PROCEDURE DIVISION, L5REPORT
007030 DECLARATIVES, L5REPORT
007040 USE FOR PK-TABLE PROGRAM=KEYS, L5REPORT
007050 GO TO PK1-INDEX-ROUTINE, L5REPORT
007060 NO=UP, L5REPORT
007070 NO=OP, L5REPORT
007080***** L5REPORT
007090 USE FOR SUBROUTINE PRINT-HEADINGS, L5REPORT
007100 POSITION TO COLUMN=1-POS, L5REPORT
007110 DISPLAY COLUMN=1-DESCR, L5REPORT

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007120	POSITION TO COLUMN=2-POS.	L5REPORT
007130	DISPLAY COLUMN=2-DESCR.	L5REPORT
007140	POSITION TO COLUMN=3-POS.	L5REPORT
007150	DISPLAY COLUMN=3-DESCR.	L5REPORT
007160	POSITION TO COLUMN=4-POS.	L5REPORT
007170	DISPLAY COLUMN=4-DESCR.	L5REPORT
007180	POSITION TO COLUMN=5-POS.	L5REPORT
007190	DISPLAY COLUMN=5-DESCR.	L5REPORT
007200	POSITION TO COLUMN=6-POS.	L5REPORT
007210	DISPLAY COLUMN=6-DESCR.	L5REPORT
007220	POSITION TO COLUMN=7-POS.	L5REPORT
007230	DISPLAY COLUMN=7-DESCR.	L5REPORT
007240	POSITION TO COLUMN=8-POS.	L5REPORT
007250	DISPLAY COLUMN=8-DESCR.	L5REPORT
007260	POSITION TO COLUMN=9-POS.	L5REPORT
007270	DISPLAY COLUMN=9-DESCR.	L5REPORT
007280	USE FOR SUBROUTINE CLEAR-TOTALS.	L5REPORT
007290	CLEAR-LEVEL-5.	L5REPORT
007300	MOVE ZERO TO LEVEL-FIVE (1).	L5REPORT
007310	MOVE ZERO TO LEVEL-FIVE (2).	L5REPORT
007320	MOVE ZERO TO LEVEL-FIVE (3).	L5REPORT
007330	MOVE ZERO TO LEVEL-FIVE (4).	L5REPORT
007340	MOVE ZERO TO LEVEL-FIVE (5).	L5REPORT
007350	MOVE ZERO TO LEVEL-FIVE (6).	L5REPORT
007360	CLEAR-LEVEL-4.	L5REPORT
007370	MOVE ZERO TO LEVEL-FOUR (1).	L5REPORT
007380	MOVE ZERO TO LEVEL-FOUR (2).	L5REPORT
007390	MOVE ZERO TO LEVEL-FOUR (3).	L5REPORT
007400	MOVE ZERO TO LEVEL-FOUR (4).	L5REPORT
007410	MOVE ZERO TO LEVEL-FOUR (5).	L5REPORT
007420	MOVE ZERO TO LEVEL-FOUR (6).	L5REPORT
007430	CLEAR-LEVEL-3.	L5REPORT
007440	MOVE ZERO TO LEVEL-THREE (1).	L5REPORT
007450	MOVE ZERO TO LEVEL-THREE (2).	L5REPORT
007460	MOVE ZERO TO LEVEL-THREE (3).	L5REPORT

007470	MOVE ZERO TO LEVEL-THREE (4).	L5REPORT
007480	MOVE ZERO TO LEVEL-THREE (5).	L5REPORT
007490	MOVE ZERO TO LEVEL-THREE (6).	L5REPORT
007500	CLEAR-LEVEL-2.	L5REPORT
007510	MOVE ZERO TO LEVEL-TWO (1).	L5REPORT
007520	MOVE ZERO TO LEVEL-TWO (2).	L5REPORT
007530	MOVE ZERO TO LEVEL-TWO (3).	L5REPORT
007540	MOVE ZERO TO LEVEL-TWO (4).	L5REPORT
007550	MOVE ZERO TO LEVEL-TWO (5).	L5REPORT
007560	MOVE ZERO TO LEVEL-TWO (6).	L5REPORT
007570	CLEAR-LEVEL-1.	L5REPORT
007580	MOVE ZERO TO LEVEL-ONE (1).	L5REPORT
007590	MOVE ZERO TO LEVEL-ONE (2).	L5REPORT
007600	MOVE ZERO TO LEVEL-ONE (3).	L5REPORT
007610	MOVE ZERO TO LEVEL-ONE (4).	L5REPORT
007620	MOVE ZERO TO LEVEL-ONE (5).	L5REPORT
007630	MOVE ZERO TO LEVEL-ONE (6).	L5REPORT
007640	USE FOR SUBROUTINE PRINT-DESCRIPTION.	L5REPORT
007650	POSITION TO DESCR-POS.	L5REPORT
* 007660	DISPLAY NAME-IN FROM BUFFER.	
007670	USE FOR SUBROUTINE PRINT-REF-1.	L5REPORT
007680	POSITION TO REF-1-POS	L5REPORT
007690	DISPLAY ACCUM REF-1-PC.	L5REPORT
007700	USE FOR SUBROUTINE PRINT-REF-2.	L5REPORT
007710	POS TO REF-2-POS.	L5REPORT
007720	DISPLAY ACCUM REF-2-PC.	L5REPORT
007730	USE FOR SUBROUTINE PRINT-AMT1.	L5REPORT
007740	POS TO AMT-1-POS.	L5REPORT
007750	DISPLAY ACCUM AMT-1-PC.	L5REPORT
007760	ADD ACCUM TO LEVEL-ONE (1).	L5REPORT
* 007770		
* 007780		
* 007790		
* 007800		
007810	USE FOR SUBROUTINE PRINT-AMT2.	L5REPORT

	007820	POS TO AMT-2-POS,	L5REPORT
	007830	DISPLAY ACCUM AMT-2-PC,	L5REPORT
	007840	ADD ACCUM TO LEVEL-ONE (2),	L5REPORT
#	007850		
#	007860		
#	007870		
#	007880		
	007890	USE FOR SUBROUTINE PRINT=AMT3,	L5REPORT
	007900	POS TO AMT-3-POS,	L5REPORT
	007910	DISPLAY ACCUM AMT-3-PC,	L5REPORT
	007920	ADD ACCUM TO LEVEL-ONE (3),	L5REPORT
#	007930		
#	007940		
#	007950		
#	007960		
	007970	USE FOR SUBROUTINE PRINT=AMT4,	L5REPORT
	007980	POS TO AMT-4-POS,	L5REPORT
	007990	DISPLAY ACCUM AMT-4-PC,	L5REPORT
#	008000		
#	008010		
#	008020		
#	008030		
#	008040		
	008050	USE FOR SUBROUTINE PRINT=AMT5,	L5REPORT
	008060	POS TO AMT-5-POS,	L5REPORT
	008070	DISPLAY ACCUM AMT-5-PC,	L5REPORT
#	008080		
#	008090		
#	008100		
#	008110		
#	008120		
	008130	USE FOR SUBROUTINE PRINT=AMT6,	L5REPORT
	008140	POS TO AMT-6-POS,	L5REPORT
	008150	DISPLAY ACCUM AMT-6-PC,	L5REPORT
#	008160		



#	008170		
#	008180		
#	008190		
#	008200		
	008210	USE FOR SUBROUTINE PRINT-LEVEL-ONE.	L5REPORT
	008220	POS TO LEVEL-DESCR-POS.	L5REPORT
	008230	DISPLAY LEVEL-1-DESCR.	L5REPORT
	008240	POS TO AMT-1-TOT-POS.	L5REPORT
	008250	MOVE LEVEL-ONE (1) TO ACCUM.	L5REPORT
	008260	DISPLAY ACCUM AMT-1-PC.	L5REPORT
	008270	POS TO AMT-2-TOT-POS.	L5REPORT
	008280	MOVE LEVEL-ONE (2) TO ACCUM.	L5REPORT
	008290	DISPLAY ACCUM AMT-2-PC.	L5REPORT
	008300	POS TO AMT-3-TOT-POS.	L5REPORT
	008310	MOVE LEVEL-ONE (3) TO ACCUM.	L5REPORT
	008320	DISPLAY ACCUM AMT-3-PC.	L5REPORT
#	008330		
#	008340		
#	008350		
#	008360		
#	008370		
#	008380		
#	008390		
#	008400		
#	008410		
	008420	GO TO CLEAR-LEVEL-1.	L5REPORT
	008430	USE FOR SUBROUTINE PRINT-LEVEL-TWO.	L5REPORT
	008440	POS TO LEVEL-DESCR-POS.	L5REPORT
	008450	DISPLAY LEVEL-2-DESCR.	L5REPORT
	008460	POS TO AMT-1-TOT-POS.	L5REPORT
	008470	MOVE LEVEL-TWO (1) TO ACCUM.	L5REPORT
	008480	DISPLAY ACCUM AMT-1-PC.	L5REPORT
	008490	POS TO AMT-2-TOT-POS.	L5REPORT
	008500	MOVE LEVEL-TWO (2) TO ACCUM.	L5REPORT
	008510	DISPLAY ACCUM AMT-2-PC.	L5REPORT

008520	POS TO AMT-3-TOT-POS,	L5REPORT
008530	MOVE LEVEL-TWO (3) TO ACCUM.	L5REPORT
008540	DISPLAY ACCUM AMT-3-PC.	L5REPORT
008550	POS TO AMT-4-TOT-POS,	L5REPORT
008560	MOVE LEVEL-TWO (4) TO ACCUM.	L5REPORT
008570	DISPLAY ACCUM AMT-4-PC.	L5REPORT
008580	POS TO AMT-5-TOT-POS,	L5REPORT
008590	MOVE LEVEL-TWO (5) TO ACCUM.	L5REPORT
008600	DISPLAY ACCUM AMT-5-PC,	L5REPORT
008610	POS TO AMT-6-TOT-POS,	L5REPORT
008620	MOVE LEVEL-TWO (6) TO ACCUM.	L5REPORT
008630	DISPLAY ACCUM AMT-6-PC,	L5REPORT
008640	GO TO CLEAR-LEVEL-2,	L5REPORT
008650	USE FOR SUBROUTINE PRINT-LEVEL-THREE.	L5REPORT
008660	POS TO LEVEL-DESCR-POS.	L5REPORT
008670	DISPLAY LEVEL-3-DESCR.	L5REPORT
008680	POS TO AMT-1-TOT-POS.	L5REPORT
008690	MOVE LEVEL-THREE (1) TO ACCUM.	L5REPORT
008700	DISPLAY ACCUM AMT-1-PC,	L5REPORT
008710	POS TO AMT-2-TOT-POS.	L5REPORT
008720	MOVE LEVEL-THREE (2) TO ACCUM.	L5REPORT
008730	DISPLAY ACCUM AMT-2-PC.	L5REPORT
008740	POS TO AMT-3-TOT-POS,	L5REPORT
008750	MOVE LEVEL-THREE (3) TO ACCUM.	L5REPORT
008760	DISPLAY ACCUM AMT-3-PC.	L5REPORT
008770	POS TO AMT-4-TOT-POS,	L5REPORT
008780	MOVE LEVEL-THREE (4) TO ACCUM.	L5REPORT
008790	DISPLAY ACCUM AMT-4-PC,	L5REPORT
008800	POS TO AMT-5-TOT-POS,	L5REPORT
008810	MOVE LEVEL-THREE (5) TO ACCUM.	L5REPORT
008820	DISPLAY ACCUM AMT-5-PC.	L5REPORT
008830	POS TO AMT-6-TOT-POS	L5REPORT
008840	MOVE LEVEL-THREE (6) TO ACCUM.	L5REPORT
008850	DISPLAY ACCUM AMT-6-PC.	L5REPORT
008860	GO TO CLEAR-LEVEL-3.	L5REPORT

008870	USE FOR SUBROUTINE PRINT-LEVEL-FOUR.	LSREPORT
008880	POS TO LEVEL-DESCR-POS.	LSREPORT
008890	DISPLAY LEVEL-4-DESCR.	LSREPORT
008900	POS TO AMT-1-TOT-POS.	LSREPORT
008910	MOVE LEVEL-FOUR (1) TO ACCUM.	LSREPORT
008920	DISPLAY ACCUM AMT-1-PC.	LSREPORT
008930	POS TO AMT-2-TOT-POS.	LSREPORT
008940	MOVE LEVEL-FOUR (2) TO ACCUM.	LSREPORT
008950	DISPLAY ACCUM AMT-2-PC.	LSREPORT
008960	POS TO AMT-3-TOT-POS.	LSREPORT
008970	MOVE LEVEL-FOUR (3) TO ACCUM.	LSREPORT
008980	DISPLAY ACCUM AMT-3-PC.	LSREPORT
008990	POS TO AMT-4-TOT-POS.	LSREPORT
009000	MOVE LEVEL-FOUR (4) TO ACCUM.	LSREPORT
009010	DISPLAY ACCUM AMT-4-PC.	LSREPORT
009020	POS TO AMT-5-TOT-POS.	LSREPORT
009030	MOVE LEVEL-FOUR (5) TO ACCUM.	LSREPORT
009040	DISPLAY ACCUM AMT-5-PC.	LSREPORT
009050	POS TO AMT-6-TOT-POS.	LSREPORT
009060	MOVE LEVEL-FOUR (6) TO ACCUM.	LSREPORT
009070	DISPLAY ACCUM AMT-6-PC.	LSREPORT
009080	GO TO CLEAR-LEVEL-4.	LSREPORT
009090	USE FOR SUBROUTINE PRINT-LEVEL-FIVE.	LSREPORT
009100	POS TO LEVEL-DESCR-POS.	LSREPORT
009110	DISPLAY LEVEL-5-DESCR.	LSREPORT
009120	POS TO AMT-1-TOT-POS.	LSREPORT
009130	MOVE LEVEL-FIVE (1) TO ACCUM.	LSREPORT
009140	DISPLAY ACCUM AMT-1-PC.	LSREPORT
009150	POS TO AMT-2-TOT-POS.	LSREPORT
009160	MOVE LEVEL-FIVE (2) TO ACCUM.	LSREPORT
009170	DISPLAY ACCUM AMT-2-PC.	LSREPORT
009180	POS TO AMT-3-TOT-POS.	LSREPORT
009190	MOVE LEVEL-FIVE (3) TO ACCUM.	LSREPORT
009200	DISPLAY ACCUM AMT-3-PC.	LSREPORT
009210	POS TO AMT-4-TOT-POS.	LSREPORT

009220	MOVE LEVEL-FIVE (4) TO ACCUM,	L5REPORT
009230	DISPLAY ACCUM AMT-4-PC,	L5REPORT
009240	POS TO AMT-5-TOT-POS,	L5REPORT
009250	MOVE LEVEL-FIVE (5) TO ACCUM,	L5REPORT
009260	DISPLAY ACCUM AMT-5-PC,	L5REPORT
009270	POS TO AMT-6-TOT-POS	L5REPORT
009280	MOVE LEVEL-FIVE (6) TO ACCUM,	L5REPORT
009290	DISPLAY ACCUM AMT-6-PC,	L5REPORT
009300	GO TO CLEAR-LEVEL-5,	L5REPORT
009310	USE FOR SUBROUTINE READ=PUNCHED-CARD,	L5REPORT
009320	READ PUNCHED-CARD-IN,	L5REPORT
009330	USE FOR SUBROUTINE READ-LEDGER-IN-CUNSOLE,	L5REPORT
009340	READ LEDGER-IN ON ERROR GO TO READ-ERROR-ROUTINE.	L5REPORT
009350	USE FOR SUBROUTINE READ-LEDGER-IN,	L5REPORT
009360	READ LEDGER-IN-AR ON ERROR GO TO READ-ERROR-ROUTINE,	L5REPORT
009370	EXIT,	L5REPORT
009380	READ-ERROR-ROUTINE,	L5REPORT
009390	ENABLE PK1,	L5REPORT
009400	MOVE 1 TO RCV-RDY,	L5REPORT
009410	READ LEDGER-IN ON ERROR GO TO READ-ERROR-ROUTINE,	L5REPORT
009420	MOVE 0 TO RCV-RDY,	L5REPORT
009430	EXIT,	L5REPORT
009440	PK1-INDEX-ROUTINE,	L5REPORT
009450	POSITION TO DESCR-POS,	L5REPORT
009460	ACCEPT 30 CHARACTERS FROM KEYBOARD-PRNTR,	L5REPORT
009470	IF REFERENCES IS ZERO GO TO INDEX-AMT1,	L5REPORT
009480	POS TO REF-1-POS,	L5REPORT
009490	ACCEPT INTO ACCUMULATOR REF-1-PC FROM KEYBOARD-PRNTR,	L5REPORT
009500	MOVE REFERENCES TO ACCUMULATOR .	L5REPORT
009510	IF ACCUMULATOR (1) LESS THAN 2 THEN EXIT,	L5REPORT
009520	POS TO REF-2-POS,	L5REPORT
009530	ACCEPT INTO ACCUMULATOR REF-2-PC FROM KEYBOARD-PRNTR,	L5REPORT
009540	INDEX-AMT1,	L5REPORT
009550	POSITION TO AMT-1-POS,	L5REPORT
009560	ACCEPT INTO ACCUMULATOR AMT-1-PC,	L5REPORT

009570	PERFORM PRINT=AMT1.	L5REPORT
009580	MOVE AMOUNTS TO ACCUMULATOR.	L5REPORT
009590	IF ACCUMULATOR (1) LESS THAN 2 THEN EXIT.	L5REPORT
009600	POS TO AMT=2-POS.	L5REPORT
009610	ACCEPT INTO ACCUMULATOR AMT=2-PC.	L5REPORT
009620	PERFORM PRINT=AMT2.	L5REPORT
009630	MOVE AMOUNTS TO ACCUMULATOR.	L5REPORT
009640	IF ACCUMULATOR (1) LESS THAN 3 THEN EXIT.	L5REPORT
009650	POS TO AMT=3-POS.	L5REPORT
009660	ACCEPT INTO ACCUMULATOR AMT=3-PC.	L5REPORT
009670	PERFORM PRINT=AMT3.	L5REPORT
009680	MOVE AMOUNTS TO ACCUMULATOR.	L5REPORT
009690	IF ACCUMULATOR (1) LESS THAN 4 THEN EXIT.	L5REPORT
009700	POS TO AMT=4-POS.	L5REPORT
009710	ACCEPT INTO ACCUMULATOR AMT=4-PC.	L5REPORT
009720	PERFORM PRINT=AMT4.	L5REPORT
009730	MOVE AMOUNTS TO ACCUMULATOR.	L5REPORT
009740	IF ACCUMULATOR (1) LESS THAN 5 THEN EXIT.	L5REPORT
009750	POS TO AMT=5-POS.	L5REPORT
009760	ACCEPT INTO ACCUMULATOR AMT=5-PC.	L5REPORT
009770	PERFORM PRINT=AMT5.	L5REPORT
009780	MOVE AMOUNTS TO ACCUMULATOR.	L5REPORT
009790	IF ACCUM (1) LESS THAN 6 THEN EXIT.	L5REPORT
009800	POS TO AMT=6-POS.	L5REPORT
009810	ACCEPT INTO ACCUMULATOR AMT=6-PC.	L5REPORT
009820	PERFORM PRINT=AMT6.	L5REPORT
009830	END DECLARATIVES.	L5REPORT
009840	*****	L5REPORT
009850	INITIALIZATION.	L5REPORT
#	009860 PERFORM CLEAR-TOTALS.	
#	009870 MOVE 2 TO REFERENCES.	
#	009880 MOVE 6 TO AMOUNTS.	
#	009890 POSITION TO COLUMN=1-POS.	
#	009900 DISPLAY ",00+".	
#	009910 POSITION TO COLUMN=2-POS.	

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# 009920 ACCEPT DATE FROM KEYBOARD=PRNTR.
# 009930 POSITION TO COLUMN=4-POS.
# 009940 DISPLAY "COMMERCIAL LOAN REPORT".
# 009950 ADVANCE RIGHT 2 LINES.
# 009960 POSITION TO COLUMN=5-POS.
# 009970 DISPLAY "EARNINGS".
# 009980 POSITION TO COLUMN=6-POS.
# 009990 DISPLAY "EARNINGS".
# 010000 POSITION TO 216.
# 010100 DISPLAY "NUMBER".
# 010200 ADVANCE RIGHT 1 LINE.
# 010300 PERFORM PRINT=HEADINGS.
# 010400 ADVANCE RIGHT 2 LINES.
# 010500 READ=LEDGER.
# 010600 PERFORM READ=LEDGER=IN.
# 010700 MOVE ACTNO TO ACCUM.
# 010800 MOVE ACCUM TO STORE=NO.
# 010900 IF STGRE=NO IS EQUAL TRIGGER ADVANCE RIGHT 3 LINES
# 011000 PERFORM PRINT=LEVEL-ONE
# 011100 STOP RUN.
# 011200 PERFORM PRINT=DESCRIPTION.
# 011300 MOVE STORE=NO TO ACCUM.
# 011400 PERFORM PRINT=REF=1.
# 011500 MOVE LSTACT=IN FROM BUFFER TO ACCUM.
# 011600 PERFORM PRINT=REF=2.
# 011700 MOVE BAL=IN FROM BUFFER TO ACCUM.
# 011800 PERFORM PRINT=AMT1.
# 011900 MOVE CAL=INT=IN FROM BUFFER TO TOT=INT.
# 012000 PERFORM PRINT=AMT2.
# 012100 MOVE PRIOR=INT=IN FROM BUFFER TO ACCUM.
# 012200 ADD TOT=INT TO ACCUM.
# 012300 PERFORM PRINT=AMT3.
# 012400 MOVE NO=OF=NOTES TO ACCUM.
# 012500 PERFORM PRINT=AMT4.
# 012600 MOVE RENEW=IN FROM BUFFER TO ACCUM.

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\* 012700 PERFORM PRINT-AMT5.  
\* 012800 MOVE CODES-IN FROM BUFFER TO ACCUM.  
\* 012900 PERFORM PRINT-AMT6.  
\* 013000 ADVANCE RIGHT 1 LINE.  
\* 013100 GO TO READ-LEDGER,  
02601 STOP RUN. L5REPORT  
02602 END-OF-JOB. L5REPORT

COMPILE DATE 10/20/70 22:41 USING (SEP 70-06/06/06) SERIES=L COMPILER PROGRAM ID IS COMMER  
ELAPSED TIME IS 0318 SECONDS.  
ELAPSED TIME IS TOTAL CLOCK TIME, NOT TIME CHARGEABLE TO COMPILATION.  
0461 SYMBOLIC RECORDS COMPILED AT 086 RECORDS PER MINUTE.

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**REPORT WRITER COBOL LISTING**

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001010 IDENTIFICATION DIVISION. L5REPORT
001020 PROGRAM-ID. L/TC REPORT WRITER. L5REPORT
001050 DATE WRITTEN. L5REPORT
001060 DATE COMPILED. L5REPORT
001062 SECURITY. THIS PROGRAM IS PROPRIETARY TO BURROUGHS CORPORATION, L5REPORT
001064 DETROIT, MICHIGAN, AND IS NOT TO BE REPRODUCED, OR L5REPORT
001066 DISCLOSED WITHOUT WRITTEN PERMISSION. L5REPORT
001070 REMARKS. BURROUGHS L/TC REPORT WRITER. L5REPORT
001080***** L5REPORT
001090 ENVIRONMENT DIVISION. L5REPORT
001100 CONFIGURATION SECTION. L5REPORT
001110 SOURCE-COMPUTER. B3500. L5REPORT
001120 OBJECT-COMPUTER. L5000. L5REPORT
001130 SPECIAL-NAMES. L5REPORT
001140*****COLUMN HEADINGS***** L5REPORT
001150 COLUMN-1-POS IS POS 5. L5REPORT
001160 COLUMN-2-POS IS POS 27. L5REPORT
001170 COLUMN-3-POS IS POS 37. L5REPORT
001180 COLUMN-4-POS IS POS 47. L5REPORT
001190 COLUMN-5-POS IS POS 63. L5REPORT
001200 COLUMN-6-POS IS POS 78. L5REPORT
001210 COLUMN-7-POS IS POS 93. L5REPORT
001220 COLUMN-8-POS IS POS 108. L5REPORT
001230 COLUMN-9-POS IS POS 123. L5REPORT
001240*****LINES POSITIONS***** L5REPORT
001250 DESCR-POS IS POSITION 2. L5REPORT
001260 REF-1-POS IS POSITION 24. L5REPORT
001270 REF-2-POS IS POSITION 34. L5REPORT
001280 AMT-1-POS IS POSITION 44. L5REPORT
001290 AMT-2-POS IS POSITION 60. L5REPORT
001300 AMT-3-POS IS POSITION 75. L5REPORT
001310 AMT-4-POS IS POSITION 90. L5REPORT
001320 AMT-5-POS IS POSITION 105. L5REPORT
001330 AMT-6-POS IS POSITION 120. L5REPORT
001340*****TOTALS POSITIONS***** L5REPORT
001350 LEVEL-DESCR-POS IS POSITION 2. L5REPORT
001360 AMT-1-TOT-POS IS POSITION 44. L5REPORT
001370 AMT-2-TOT-POS IS POSITION 60. L5REPORT
001380 AMT-3-TOT-POS IS POSITION 75. L5REPORT
001390 AMT-4-TOT-POS IS POSITION 90. L5REPORT
001400 AMT-5-TOT-POS IS POSITION 105. L5REPORT
001410 AMT-6-TOT-POS IS POSITION 120. L5REPORT
001420 INPUT-OUTPUT SECTION. L5REPORT
001430 FILE-CONTROL. L5REPORT
001440 SELECT LEDGER-IN-AR ASSIGN TO AUTO-READER NO WORK-AREA. L5REPORT
001450 SELECT LEDGER-IN ASSIGN TO LEDGER IN NO WORK-AREA. L5REPORT
001460 SELECT PUNCHED-CARD-IN ASSIGN TO CARD-READER IN L5REPORT
001470 NO WORK-AREA. L5REPORT
001480***** L5REPORT
001490* FILES TO BE DEFINED BY PROGRAMMER. L5REPORT
001500***** L5REPORT
001510 DATA DIVISION. L5REPORT
001520 FILE SECTION. L5REPORT
001530 FD LEDGER-IN-AR. L5REPORT
001540 01 AUTO-READER-INPUT. L5REPORT
001550 02 FILLER FORMAT IS 9. L5REPORT
002560 FD PUNCHED-CARD-IN. L5REPORT
002570 01 PUNCHED-CARD-INPUT. L5REPORT
002580 02 FILLER FORMAT IS 9. L5REPORT
003590 FD LEDGER-IN. L5REPORT

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003600 01  CONSOLE-INPUT.                                L5REPORT
003610 02  FILLER FORMAT IS 9.                          L5REPORT
004620*****                                        L5REPORT
004630 WORKING-STORAGE SECTION.                          L5REPORT
004640 77  COUNTER PC IS 9.                              L5REPORT
004650 77  FIELD-NO PC IS 9.                            L5REPORT
004660 77  ALPHA-WORK-AREA PC X(50).                    L5REPORT
004670 77  REFERENCES PC IS 9.                          L5REPORT
004680 77  AMOUNTS PC IS 9.                             L5REPORT
004690 77  LINE-NO PC IS 99.                            L5REPORT
005700 01  LEVEL-TOTALS.                                L5REPORT
005710 02  LEVEL-ONE PC IS SZZ,ZZZ,ZZZ.99- OCCURS 6 TIMES. L5REPORT
005720 02  LEVEL-TWO PC IS SZZ,ZZZ,ZZZ.99- OCCURS 6 TIMES. L5REPORT
005730 02  LEVEL-THREE PC IS SZZ,ZZZ,ZZZ.99- OCCURS 6 TIMES. L5REPORT
005740 02  LEVEL-FOUR PC IS SZZ,ZZZ,ZZZ.99- OCCURS 6 TIMES. L5REPORT
005750 02  LEVEL-FIVE PC IS SZZ,ZZZ,ZZZ.99- OCCURS 6 TIMES. L5REPORT
005760 01  COLUMN-HEADINGS.                              L5REPORT
005770 02  COLUMN-1-DESCR PC IS X(11) VA IS 'DESCRIPTION'. L5REPORT
005780 02  COLUMN-2-DESCR PC IS X(5) VA IS 'REF 1'.      L5REPORT
005790 02  COLUMN-3-DESCR PC IS X(5) VA IS 'REF 2'.      L5REPORT
005800 02  COLUMN-4-DESCR PC IS X(8) VA IS 'AMOUNT 1'.   L5REPORT
005810 02  COLUMN-5-DESCR PC IS X(8) VA IS 'AMOUNT 2'.   L5REPORT
005820 02  COLUMN-6-DESCR PC IS X(8) VA IS 'AMOUNT 3'.   L5REPORT
005830 02  COLUMN-7-DESCR PC IS X(8) VA IS 'AMOUNT 4'.   L5REPORT
005840 02  COLUMN-8-DESCR PC IS X(8) VA IS 'AMOUNT 5'.   L5REPORT
005850 02  COLUMN-9-DESCR PC IS X(8) VA IS 'AMOUNT 6'.   L5REPORT
005860 01  TOTAL-DESCRIPTIONS.                          L5REPORT
005870 02  LEVEL-1-DESCR PC X(14) VA 'LEVEL 1 TOTALS'.  L5REPORT
005880 02  LEVEL-2-DESCR PC X(14) VA 'LEVEL 2 TOTALS'.  L5REPORT
005890 02  LEVEL-3-DESCR PC X(14) VA 'LEVEL 3 TOTALS'.  L5REPORT
005900 02  LEVEL-4-DESCR PC X(14) VA 'LEVEL 4 TOTALS'.  L5REPORT
005910 02  LEVEL-5-DESCR PC X(14) VA 'LEVEL 5 TOTALS'.  L5REPORT
005920*****PRINT FORMATS*****.                      L5REPORT
005930 01  REF-1-PC PICTURE IS 9(9).                    L5REPORT
005940 01  REF-2-PC REDEFINES REF-1-PC PICTURE IS 9(9). L5REPORT
005950 01  AMT-1-PC REDEFINES REF-1-PC PICTURE IS SZZ,ZZZ,ZZZ.99-. L5REPORT
005960 01  AMT-2-PC REDEFINES REF-1-PC PICTURE IS SZZ,ZZZ,ZZZ.99-. L5REPORT
005970 01  AMT-3-PC REDEFINES REF-1-PC PICTURE IS SZZ,ZZZ,ZZZ.99-. L5REPORT
005980 01  AMT-4-PC REDEFINES REF-1-PC PICTURE IS SZZ,ZZZ,ZZZ.99-. L5REPORT
005990 01  AMT-5-PC REDEFINES REF-1-PC PICTURE IS SZZ,ZZZ,ZZZ.99-. L5REPORT
006000 01  AMT-6-PC REDEFINES REF-1-PC PICTURE IS SZZ,ZZZ,ZZZ.99-. L5REPORT
007010*****                                        L5REPORT
007020 PROCEDURE DIVISION.                              L5REPORT
007030 DECLARATIVES.                                    L5REPORT
007040 USE FOR PK-TABLE PROGRAM-KEYS.                    L5REPORT
007050 GO TO PK1-INDEX-ROUTINE.                          L5REPORT
007060 NO-OP.                                            L5REPORT
007070 NO-OP.                                            L5REPORT
007080*****                                        L5REPORT
007090 USE FOR SUBROUTINE PRINT-HEADINGS.                L5REPORT
007100 POSITION TO COLUMN-1-POS.                            L5REPORT
007110 DISPLAY COLUMN-1-DESCR.                            L5REPORT
007120 POSITION TO COLUMN-2-POS.                            L5REPORT
007130 DISPLAY COLUMN-2-DESCR.                            L5REPORT
007140 POSITION TO COLUMN-3-POS.                            L5REPORT
007150 DISPLAY COLUMN-3-DESCR.                            L5REPORT
007160 POSITION TO COLUMN-4-POS.                            L5REPORT
007170 DISPLAY COLUMN-4-DESCR.                            L5REPORT
007180 POSITION TO COLUMN-5-POS.                            L5REPORT
007190 DISPLAY COLUMN-5-DESCR.                            L5REPORT

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007200	POSITION TO COLUMN-6-POS.	LSREPORT
007210	DISPLAY COLUMN-6-DESCR.	LSREPORT
007220	POSITION TO COLUMN-7-POS.	LSREPORT
007230	DISPLAY COLUMN-7-DESCR.	LSREPORT
007240	POSITION TO COLUMN-8-POS.	LSREPORT
007250	DISPLAY COLUMN-8-DESCR.	LSREPORT
007260	POSITION TO COLUMN-9-POS.	LSREPORT
007270	DISPLAY COLUMN-9-DESCR.	LSREPORT
007280	USE FOR SUBROUTINE CLEAR-TOTALS.	LSREPORT
007290	CLEAR-LEVEL-5.	LSREPORT
007300	MOVE ZERO TO LEVEL-FIVE (1).	LSREPORT
007310	MOVE ZERO TO LEVEL-FIVE (2).	LSREPORT
007320	MOVE ZERO TO LEVEL-FIVE (3).	LSREPORT
007330	MOVE ZERO TO LEVEL-FIVE (4).	LSREPORT
007340	MOVE ZERO TO LEVEL-FIVE (5).	LSREPORT
007350	MOVE ZERO TO LEVEL-FIVE (6).	LSREPORT
007360	CLEAR-LEVEL-4.	LSREPORT
007370	MOVE ZERO TO LEVEL-FOUR (1).	LSREPORT
007380	MOVE ZERO TO LEVEL-FOUR (2).	LSREPORT
007390	MOVE ZERO TO LEVEL-FOUR (3).	LSREPORT
007400	MOVE ZERO TO LEVEL-FOUR (4).	LSREPORT
007410	MOVE ZERO TO LEVEL-FOUR (5).	LSREPORT
007420	MOVE ZERO TO LEVEL-FOUR (6).	LSREPORT
007430	CLEAR-LEVEL-3.	LSREPORT
007440	MOVE ZERO TO LEVEL-THREE (1).	LSREPORT
007450	MOVE ZERO TO LEVEL-THREE (2).	LSREPORT
007460	MOVE ZERO TO LEVEL-THREE (3).	LSREPORT
007470	MOVE ZERO TO LEVEL-THREE (4).	LSREPORT
007480	MOVE ZERO TO LEVEL-THREE (5).	LSREPORT
007490	MOVE ZERO TO LEVEL-THREE (6).	LSREPORT
007500	CLEAR-LEVEL-2.	LSREPORT
007510	MOVE ZERO TO LEVEL-TWO (1).	LSREPORT
007520	MOVE ZERO TO LEVEL-TWO (2).	LSREPORT
007530	MOVE ZERO TO LEVEL-TWO (3).	LSREPORT
007540	MOVE ZERO TO LEVEL-TWO (4).	LSREPORT
007550	MOVE ZERO TO LEVEL-TWO (5).	LSREPORT
007560	MOVE ZERO TO LEVEL-TWO (6).	LSREPORT
007570	CLEAR-LEVEL-1.	LSREPORT
007580	MOVE ZERO TO LEVEL-ONE (1).	LSREPORT
007590	MOVE ZERO TO LEVEL-ONE (2).	LSREPORT
007600	MOVE ZERO TO LEVEL-ONE (3).	LSREPORT
007610	MOVE ZERO TO LEVEL-ONE (4).	LSREPORT
007620	MOVE ZERO TO LEVEL-ONE (5).	LSREPORT
007630	MOVE ZERO TO LEVEL-ONE (6).	LSREPORT
007640	USE FOR SUBROUTINE PRINT-DESCRIPTION.	LSREPORT
007650	POSITION TO DESCR-POS.	LSREPORT
007660	DISPLAY ALPHA-WORK-AREA.	LSREPORT
007670	USE FOR SUBROUTINE PRINT-REF-1.	LSREPORT
007680	POSITION TO REF-1-POS.	LSREPORT
007690	DISPLAY ACCUM REF-1-PC.	LSREPORT
007700	USE FOR SUBROUTINE PRINT-REF-2.	LSREPORT
007710	POS TO REF-2-POS.	LSREPORT
007720	DISPLAY ACCUM REF-2-PC.	LSREPORT
007730	USE FOR SUBROUTINE PRINT-AMT1.	LSREPORT
007740	POS TO AMT-1-POS.	LSREPORT
007750	DISPLAY ACCUM AMT-1-PC.	LSREPORT
007760	ADD ACCUM TO LEVEL-ONE (1).	LSREPORT
007770	ADD ACCUM TO LEVEL-TWO (1).	LSREPORT
007780	ADD ACCUM TO LEVEL-THREE (1).	LSREPORT
007790	ADD ACCUM TO LEVEL-FOUR (1).	LSREPORT

007800	ADD ACCUM TO LEVEL-FIVE (1).	L5REPORT
007810	USE FOR SUBROUTINE PRINT-AMT2.	L5REPORT
007820	POS TO AMT-2-POS.	L5REPORT
007830	DISPLAY ACCUM AMT-2-PC.	L5REPORT
007840	ADD ACCUM TO LEVEL-ONE (2).	L5REPORT
007850	ADD ACCUM TO LEVEL-TWO (2).	L5REPORT
007860	ADD ACCUM TO LEVEL-THREE (2).	L5REPORT
007870	ADD ACCUM TO LEVEL-FOUR (2).	L5REPORT
007880	ADD ACCUM TO LEVEL-FIVE (2).	L5REPORT
007890	USE FOR SUBROUTINE PRINT-AMT3.	L5REPORT
007900	POS TO AMT-3-POS.	L5REPORT
007910	DISPLAY ACCUM AMT-3-PC.	L5REPORT
007920	ADD ACCUM TO LEVEL-ONE (3).	L5REPORT
007930	ADD ACCUM TO LEVEL-TWO (3).	L5REPORT
007940	ADD ACCUM TO LEVEL-THREE (3).	L5REPORT
007950	ADD ACCUM TO LEVEL-FOUR (3).	L5REPORT
007960	ADD ACCUM TO LEVEL-FIVE (3).	L5REPORT
007970	USE FOR SUBROUTINE PRINT-AMT4.	L5REPORT
007980	POS TO AMT-4-POS.	L5REPORT
007990	DISPLAY ACCUM AMT-4-PC.	L5REPORT
008000	ADD ACCUM TO LEVEL-ONE (4).	L5REPORT
008010	ADD ACCUM TO LEVEL-TWO (4).	L5REPORT
008020	ADD ACCUM TO LEVEL-THREE (4).	L5REPORT
008030	ADD ACCUM TO LEVEL-FOUR (4).	L5REPORT
008040	ADD ACCUM TO LEVEL-FIVE (4).	L5REPORT
008050	USE FOR SUBROUTINE PRINT-AMT5.	L5REPORT
008060	POS TO AMT-5-POS.	L5REPORT
008070	DISPLAY ACCUM AMT-5-PC.	L5REPORT
008080	ADD ACCUM TO LEVEL-ONE (5).	L5REPORT
008090	ADD ACCUM TO LEVEL-TWO (5).	L5REPORT
008100	ADD ACCUM TO LEVEL-THREE (5).	L5REPORT
008110	ADD ACCUM TO LEVEL-FOUR (5).	L5REPORT
008120	ADD ACCUM TO LEVEL-FIVE (5).	L5REPORT
008130	USE FOR SUBROUTINE PRINT-AMT6.	L5REPORT
008140	POS TO AMT-6-POS.	L5REPORT
008150	DISPLAY ACCUM AMT-6-PC.	L5REPORT
008160	ADD ACCUM TO LEVEL-ONE (6).	L5REPORT
008170	ADD ACCUM TO LEVEL-TWO (6).	L5REPORT
008180	ADD ACCUM TO LEVEL-THREE (6).	L5REPORT
008190	ADD ACCUM TO LEVEL-FOUR (6).	L5REPORT
008200	ADD ACCUM TO LEVEL-FIVE (6).	L5REPORT
008210	USE FOR SUBROUTINE PRINT-LEVEL-ONE.	L5REPORT
008220	POS TO LEVEL-DESCR-POS.	L5REPORT
008230	DISPLAY LEVEL-1-DESCR.	L5REPORT
008240	POS TO AMT-1-TOT-POS.	L5REPORT
008250	MOVE LEVEL-ONE (1) TO ACCUM.	L5REPORT
008260	DISPLAY ACCUM AMT-1-PC.	L5REPORT
008270	POS TO AMT-2-TOT-POS.	L5REPORT
008280	MOVE LEVEL-ONE (2) TO ACCUM.	L5REPORT
008290	DISPLAY ACCUM AMT-2-PC.	L5REPORT
008300	POS TO AMT-3-TOT-POS.	L5REPORT
008310	MOVE LEVEL-ONE (3) TO ACCUM.	L5REPORT
008320	DISPLAY ACCUM AMT-3-PC.	L5REPORT
008330	POS TO AMT-4-TOT-POS.	L5REPORT
008340	MOVE LEVEL-ONE (4) TO ACCUM.	L5REPORT
008350	DISPLAY ACCUM AMT-4-PC.	L5REPORT
008360	POS TO AMT-5-TOT-POS.	L5REPORT
008370	MOVE LEVEL-ONE (5) TO ACCUM.	L5REPORT
008380	DISPLAY ACCUM AMT-5-PC.	L5REPORT
008390	POS TO AMT-6-TOT-POS.	L5REPORT

008400	MOVE LEVEL-ONE (6) TO ACCUM.	L5REPORT
008410	DISPLAY ACCUM AMT-6-PC.	L5REPORT
008420	GO TO CLEAR-LEVEL-1.	L5REPORT
008430	USE FOR SUBROUTINE PRINT-LEVEL-TWO.	L5REPORT
008440	POS TO LEVEL-DESCR-POS.	L5REPORT
008450	DISPLAY LEVEL-2-DESCR.	L5REPORT
008460	POS TO AMT-1-TOT-POS.	L5REPORT
008470	MOVE LEVEL-TWO (1) TO ACCUM.	L5REPORT
008480	DISPLAY ACCUM AMT-1-PC.	L5REPORT
008490	POS TO AMT-2-TOT-POS.	L5REPORT
008500	MOVE LEVEL-TWO (2) TO ACCUM.	L5REPORT
008510	DISPLAY ACCUM AMT-2-PC.	L5REPORT
008520	POS TO AMT-3-TOT-POS.	L5REPORT
008530	MOVE LEVEL-TWO (3) TO ACCUM.	L5REPORT
008540	DISPLAY ACCUM AMT-3-PC.	L5REPORT
008550	POS TO AMT-4-TOT-POS.	L5REPORT
008560	MOVE LEVEL-TWO (4) TO ACCUM.	L5REPORT
008570	DISPLAY ACCUM AMT-4-PC.	L5REPORT
008580	POS TO AMT-5-TOT-POS.	L5REPORT
008590	MOVE LEVEL-TWO (5) TO ACCUM.	L5REPORT
008600	DISPLAY ACCUM AMT-5-PC.	L5REPORT
008610	POS TO AMT-6-TOT-POS.	L5REPORT
008620	MOVE LEVEL-TWO (6) TO ACCUM.	L5REPORT
008630	DISPLAY ACCUM AMT-6-PC.	L5REPORT
008640	GO TO CLEAR-LEVEL-2.	L5REPORT
008650	USE FOR SUBROUTINE PRINT-LEVEL-THREE.	L5REPORT
008660	POS TO LEVEL-DESCR-POS.	L5REPORT
008670	DISPLAY LEVEL-3-DESCR.	L5REPORT
008680	POS TO AMT-1-TOT-POS.	L5REPORT
008690	MOVE LEVEL-THREE (1) TO ACCUM.	L5REPORT
008700	DISPLAY ACCUM AMT-1-PC.	L5REPORT
008710	POS TO AMT-2-TOT-POS.	L5REPORT
008720	MOVE LEVEL-THREE (2) TO ACCUM.	L5REPORT
008730	DISPLAY ACCUM AMT-2-PC.	L5REPORT
008740	POS TO AMT-3-TOT-POS.	L5REPORT
008750	MOVE LEVEL-THREE (3) TO ACCUM.	L5REPORT
008760	DISPLAY ACCUM AMT-3-PC.	L5REPORT
008770	POS TO AMT-4-TOT-POS.	L5REPORT
008780	MOVE LEVEL-THREE (4) TO ACCUM.	L5REPORT
008790	DISPLAY ACCUM AMT-4-PC.	L5REPORT
008800	POS TO AMT-5-TOT-POS.	L5REPORT
008810	MOVE LEVEL-THREE (5) TO ACCUM.	L5REPORT
008820	DISPLAY ACCUM AMT-5-PC.	L5REPORT
008830	POS TO AMT-6-TOT-POS.	L5REPORT
008840	MOVE LEVEL-THREE (6) TO ACCUM.	L5REPORT
008850	DISPLAY ACCUM AMT-6-PC.	L5REPORT
008860	GO TO CLEAR-LEVEL-3.	L5REPORT
008870	USE FOR SUBROUTINE PRINT-LEVEL-FOUR.	L5REPORT
008880	POS TO LEVEL-DESCR-POS.	L5REPORT
008890	DISPLAY LEVEL-4-DESCR.	L5REPORT
008900	POS TO AMT-1-TOT-POS.	L5REPORT
008910	MOVE LEVEL-FOUR (1) TO ACCUM.	L5REPORT
008920	DISPLAY ACCUM AMT-1-PC.	L5REPORT
008930	POS TO AMT-2-TOT-POS.	L5REPORT
008940	MOVE LEVEL-FOUR (2) TO ACCUM.	L5REPORT
008950	DISPLAY ACCUM AMT-2-PC.	L5REPORT
008960	POS TO AMT-3-TOT-POS.	L5REPORT
008970	MOVE LEVEL-FOUR (3) TO ACCUM.	L5REPORT
008980	DISPLAY ACCUM AMT-3-PC.	L5REPORT
008990	POS TO AMT-4-TOT-POS.	L5REPORT

009000	MOVE LEVEL-FOUR (4) TO ACCUM.	L5REPORT
009010	DISPLAY ACCUM AMT-4-PC.	L5REPORT
009020	POS TO AMT-5-TOT-POS.	L5REPORT
009030	MOVE LEVEL-FOUR (5) TO ACCUM.	L5REPORT
009040	DISPLAY ACCUM AMT-5-PC.	L5REPORT
009050	POS TO AMT-6-TOT-POS.	L5REPORT
009060	MOVE LEVEL-FOUR (6) TO ACCUM.	L5REPORT
009070	DISPLAY ACCUM AMT-6-PC.	L5REPORT
009080	GO TO CLEAR-LEVEL-4.	L5REPORT
009090	USE FOR SUBROUTINE PRINT-LEVEL-FIVE.	L5REPORT
009100	POS TO LEVEL-DESCR-POS.	L5REPORT
009110	DISPLAY LEVEL-5-DESCR.	L5REPORT
009120	POS TO AMT-1-TOT-POS.	L5REPORT
009130	MOVE LEVEL-FIVE (1) TO ACCUM.	L5REPORT
009140	DISPLAY ACCUM AMT-1-PC.	L5REPORT
009150	POS TO AMT-2-TOT-POS.	L5REPORT
009160	MOVE LEVEL-FIVE (2) TO ACCUM.	L5REPORT
009170	DISPLAY ACCUM AMT-2-PC.	L5REPORT
009180	POS TO AMT-3-TOT-POS.	L5REPORT
009190	MOVE LEVEL-FIVE (3) TO ACCUM.	L5REPORT
009200	DISPLAY ACCUM AMT-3-PC.	L5REPORT
009210	POS TO AMT-4-TOT-POS.	L5REPORT
009220	MOVE LEVEL-FIVE (4) TO ACCUM.	L5REPORT
009230	DISPLAY ACCUM AMT-4-PC.	L5REPORT
009240	POS TO AMT-5-TOT-POS.	L5REPORT
009250	MOVE LEVEL-FIVE (5) TO ACCUM.	L5REPORT
009260	DISPLAY ACCUM AMT-5-PC.	L5REPORT
009270	POS TO AMT-6-TOT-POS.	L5REPORT
009280	MOVE LEVEL-FIVE (6) TO ACCUM.	L5REPORT
009290	DISPLAY ACCUM AMT-6-PC.	L5REPORT
009300	GO TO CLEAR-LEVEL-5.	L5REPORT
009310	USE FOR SUBROUTINE READ-PUNCHED-CARD.	L5REPORT
009320	READ PUNCHED-CARD-IN.	L5REPORT
009330	USE FOR SUBROUTINE READ-LEDGER-IN-CONSOLE.	L5REPORT
009340	READ LEDGER-IN ON ERROR GO TO READ-ERROR-ROUTINE.	L5REPORT
009350	USE FOR SUBROUTINE READ-LEDGER-IN.	L5REPORT
009360	READ LEDGER-IN-AR ON ERROR GO TO READ-ERROR-ROUTINE.	L5REPORT
009370	EXIT.	L5REPORT
009380	READ-ERROR-ROUTINE.	L5REPORT
009390	ENABLE PK1.	L5REPORT
009400	MOVE 1 TO RCV-RDY.	L5REPORT
009410	READ LEDGER-IN ON ERROR GO TO READ-ERROR-ROUTINE.	L5REPORT
009420	MOVE 0 TO RCV-RDY.	L5REPORT
009430	EXIT.	L5REPORT
009440	PK1-INDEX-ROUTINE.	L5REPORT
009450	POSITION TO DESCR-POS.	L5REPORT
009460	ACCEPT 30 CHARACTERS FROM KEYBOARD-PRNTR.	L5REPORT
009470	IF REFERENCES IS ZERO GO TO INDEX-AMT1.	L5REPORT
009480	POS TO REF-1-POS.	L5REPORT
009490	ACCEPT INTO ACCUMULATOR REF-1-PC FROM KEYBOARD-PRNTR.	L5REPORT
009500	MOVE REFERENCES TO ACCUMULATOR .	L5REPORT
009510	IF ACCUMULATOR (1) LESS THAN 2 THEN EXIT.	L5REPORT
009520	POS TO REF-2-POS.	L5REPORT
009530	ACCEPT INTO ACCUMULATOR REF-2-PC FROM KEYBOARD-PRNTR.	L5REPORT
009540	INDEX-AMT1.	L5REPORT
009550	POSITION TO AMT-1-POS.	L5REPORT
009560	ACCEPT INTO ACCUMULATOR AMT-1-PC.	L5REPORT
009570	PERFORM PRINT-AMT1.	L5REPORT
009580	MOVE AMOUNTS TO ACCUMULATOR.	L5REPORT
009590	IF ACCUMULATOR (1) LESS THAN 2 THEN EXIT.	L5REPORT

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009600 POS TO AMT-2-POS. L5REPORT
009610 ACCEPT INTO ACCUMULATOR AMT-2-PC. L5REPORT
009620 PERFORM PRINT-AMT2. L5REPORT
009630 MOVE AMOUNTS TO ACCUMULATOR. L5REPORT
009640 IF ACCUMULATOR (1) LESS THAN 3 THEN EXIT. L5REPORT
009650 POS TO AMT-3-POS. L5REPORT
009660 ACCEPT INTO ACCUMULATOR AMT-3-PC. L5REPORT
009670 PERFORM PRINT-AMT3. L5REPORT
009680 MOVE AMOUNTS TO ACCUMULATOR. L5REPORT
009690 IF ACCUMULATOR (1) LESS THAN 4 THEN EXIT. L5REPORT
009700 POS TO AMT-4-POS. L5REPORT
009710 ACCEPT INTO ACCUMULATOR AMT-4-PC. L5REPORT
009720 PERFORM PRINT-AMT4. L5REPORT
009730 MOVE AMOUNTS TO ACCUMULATOR. L5REPORT
009740 IF ACCUMULATOR (1) LESS THAN 5 THEN EXIT. L5REPORT
009750 POS TO AMT-5-POS. L5REPORT
009760 ACCEPT INTO ACCUMULATOR AMT-5-PC. L5REPORT
009770 PERFORM PRINT-AMT5. L5REPORT
009780 MOVE AMOUNTS TO ACCUMULATOR. L5REPORT
009790 IF ACCUM (1) LESS THAN 6 THEN EXIT. L5REPORT
009800 POS TO AMT-6-POS. L5REPORT
009810 ACCEPT INTO ACCUMULATOR AMT-6-PC. L5REPORT
009820 PERFORM PRINT-AMT6. L5REPORT
009830 END DECLARATIVES. L5REPORT
009840***** L5REPORT
009850 INITIALIZATION. L5REPORT
009860 MOVE 2 TO REFERENCES. L5REPORT
009870 MOVE 6 TO AMOUNTS. L5REPORT
009880 PERFORM CLEAR-TOTALS. L5REPORT
02601 STOP RUN. L5REPORT
02602 END-OF-JOB. L5REPORT
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