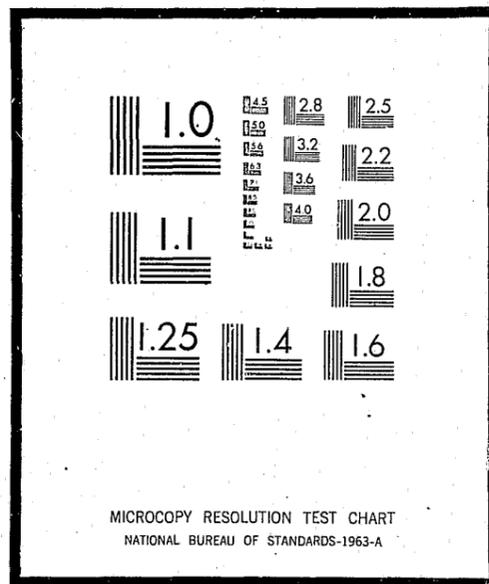# NCJRS

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1.0	‖4.5 ‖5.0 ‖5.6 ‖6.3	‖2.8 ‖3.2 ‖3.6 ‖4.0	‖2.5 ‖2.2
1.1			‖2.0
1.25	1.4	1.6	1.8

MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

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U.S. DEPARTMENT OF JUSTICE
LAW ENFORCEMENT ASSISTANCE ADMINISTRATION
NATIONAL CRIMINAL JUSTICE REFERENCE SERVICE
WASHINGTON, D.C. 20531

Date filmed 2/18/76

PREFACE

This documentation is one volume of a complete set of documentation for ALERT II under DOS. The documentation is modularized in order to minimize duplication of information and facilitate revisions. This modularization requires a brief understanding of each of the volumes for effective use.

The overall system concept of ALERT encompasses the use of three main files, a Name Index File, a General Purpose Index File and Master Data File. These files are utilized by the sub-systems as required and are therefore program independent.

ALERT II Documentation Relationships

The volume you are reading is represented by the shaded figure. The volumes contained in the large center circle serve all outlying sub-systems. The outlying sub-systems are independent of each other but are highly dependent on the center circle volumes.
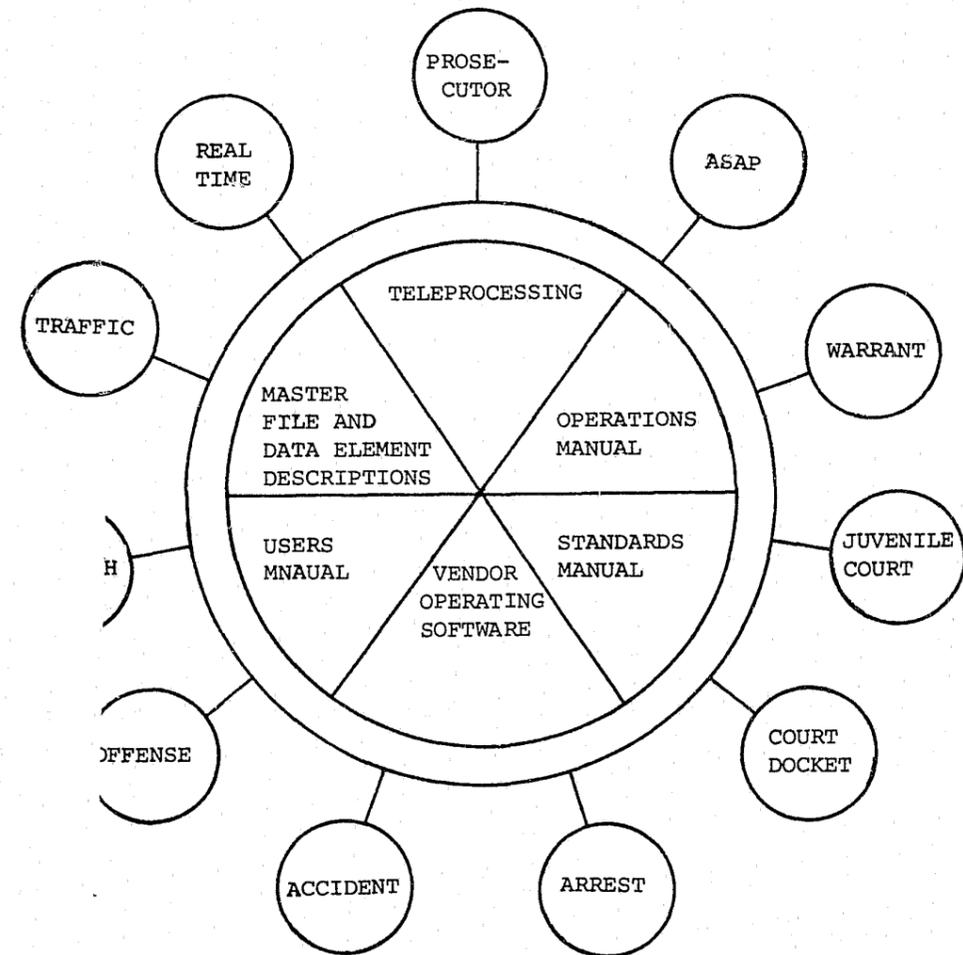
Systems and Programming Volumes

The systems and programming documentation is divided into 12 separate volumes.
Normally these volumes represent an application, such as "Traffic." Two
volumes represent special functions or groupings of support programs. An
example of generalized support functions is Teleprocessing, in that it
contains most of the TPD's used by the applications.

The sub-system volumes are made up of:

Sub-System Name	Brief Description	Program I.D.
Teleprocessing	TPD's and routines for other sub-systems	RA
Real Time	Background support programs and report preparation	RB, CB
Warrant	A Law Enforcement system that contains warrants, wants and warning information	JX
Traffic	A traffic ticket system that records the names of traffic violators as well as data about traffic incidences	CD
Dispatch	An information system for analysis of manpower workload and calls for service	CE
Arrest	A system that records individual arrests and provides statistical and historical information	CV
Accident	A vehicular accident system containing statistical and historical data about accidents	CJ, JJ
Offense	A system that records statistical and historical data about criminal incidences	CF
Court Docket	A Municipal Court docket system that prints the court dockets, officer notifications, and automatically generates warrants for failure to appear	JD

TABLE OF CONTENTS

Users Manual

The Users Manual contains all information necessary for a user to use specific systems. It is important to know that CRT layouts and data element definitions and codes are contained in this Manual.

Standards Manual

The Standards Manual directs the creation, operation and modification of all systems, programs and documentation.

Master File and Data Element Descriptions

All records in the Master Files are represented by Record Layouts with Cobol FD statements. Data Element Descriptions for all Master File Data Elements are contained in this volume.

Sub-System Name	Brief Description	Program I.D.
Prosecutor	A Correction and Probation system allowing immediate access to case status	J3
Juvenile Court	An information system recording transactional data on juvenile offenders. This system involves highly restricted access of on-line data.	JM
ASAP	An information system serving the Alcohol Safety Action Program	JO

The systems and programming documentation is divided into two sections:
(1) Systems documentation; (2) Program documentation for programs
contained in the system. The table of contents directs the use of each
volume. For ease of updating, the numbering scheme is modularized.
Systems documentation will be referenced by SYS-XX with XX being page
numbers within the systems documentation. Program documentation will
be referenced by program number-XX, again the XX being pages within
programs.

The program number is a critical reference tool. The first two digits
represent which sub-system the program is included in (see above table).
When a program creates a magnetic tape that tape is named "Program Number"-
TX, with the X being "1" for the first tape it creates, "2" for a succeeding
tape, etc. Reports are also numbered in the same manner using an "L" instead
of a "T", "Program Number"-LX.

Two styles of record layouts are used in the documentation. One is a
continuous single record layout (a Cobol FD is included) and the second
is a multi-record, 132 character, layout.

The single record layout is for master files and the multi-record layout
is for temporary work files. Typically, the work records are tape records
that are used to write reports. The Master File layouts have detail data
elements descriptions contained in the Master File and Data Element Descrip-
tion volume.

Operations Manual

The Operations Manual contains the Set-Up and Operating instruction for
each program. Details of special control cards or date cards are described
in the Special Instruction Section of the Set-Up document.

DISPATCH REPORTING SYSTEM

SYSTEMS OVERVIEW

SECTION

DISPATCH SYSTEM

SYSTEM DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

SECTION

DISPATCH SYSTEM

SYSTEM DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

DISPATCH REPORTING SYSTEM

The Dispatch Reporting System was developed to provide timely, statistical information concerning all called-for services or self-initiated services performed by the Kansas City, Missouri Police Department personnel within the city limits of Kansas City. The dispatch statistical data is collected on a daily basis so that complete and up to date information can be extracted from the computer files on a daily, weekly, monthly, year-to-date or annual basis. Computer-generated reports are provided to user units or divisions within the Kansas City, Missouri Police Department on a periodic basis, or upon reasonable requests for specific dispatch information. Regularly scheduled dispatch reports are prepared on a weekly, monthly or annual basis. The input data for the Dispatch Reporting System is collected from a standard Police Department preprinted card form that is filled out by police dispatchers as a result of a called-for or self-initiated police service that is performed by any member of the Police Department that is required to get in and out of service through the police dispatcher. The information contained on the card is sufficient to give an accurate reporting picture of each service performed. For a complete breakdown of the individual fields contained on each dispatch card, see the section entitled "System Source Document" a few pages hence.

The dispatch cards are picked up periodically each day by a data control clerk who delivers them to the Data Processing unit. The information contained on the cards is then entered by terminal operators through remote CRT terminals. An internal program causes the information to be written directly onto the Daily Log Tape.

At a specified time each day, the information is extracted from the Log Tape by an external program that formats the information into a dispatch record and writes it onto a month-to-date dispatch tape. This program also edits the information as it is being extracted from the log tape and creates a listing of all entry errors which is ultimately returned to the Data Processing Unit for re-entry. The month-to-date dispatch tape is updated in this manner each day and at the end of the month is used as input to another program which creates the monthly dispatch tape.

After creation of the monthly tape, various report programs are run and distributed to appropriate Police Department command staff personnel. The monthly dispatch tape is then merged with the prior month's year-to-date tape to create an updated year-to-date dispatch tape. This tape is used for various year-to-date and annual report programs, as well as being used as a permanent dispatch history file.

The primary purpose of the Kansas City, Missouri Police Department dispatch system is to reflect where, when and what the patrol work load is. Reports from this system tell various administrators which patrol beat has the highest work load, which hour or hours of the day have the highest work load, the average amount of time it takes to handle a particular such as traffic violation, disturbance, etc., the amount of time patrolmen are spending at the police garage while their car is being serviced, and literally hundreds of other matters like these. Information of this sort enables command staff personnel to make the necessary decisions to improve the overall efficiency of the Police Department.

SYSTEM FLOWCHART

FLOWCHART

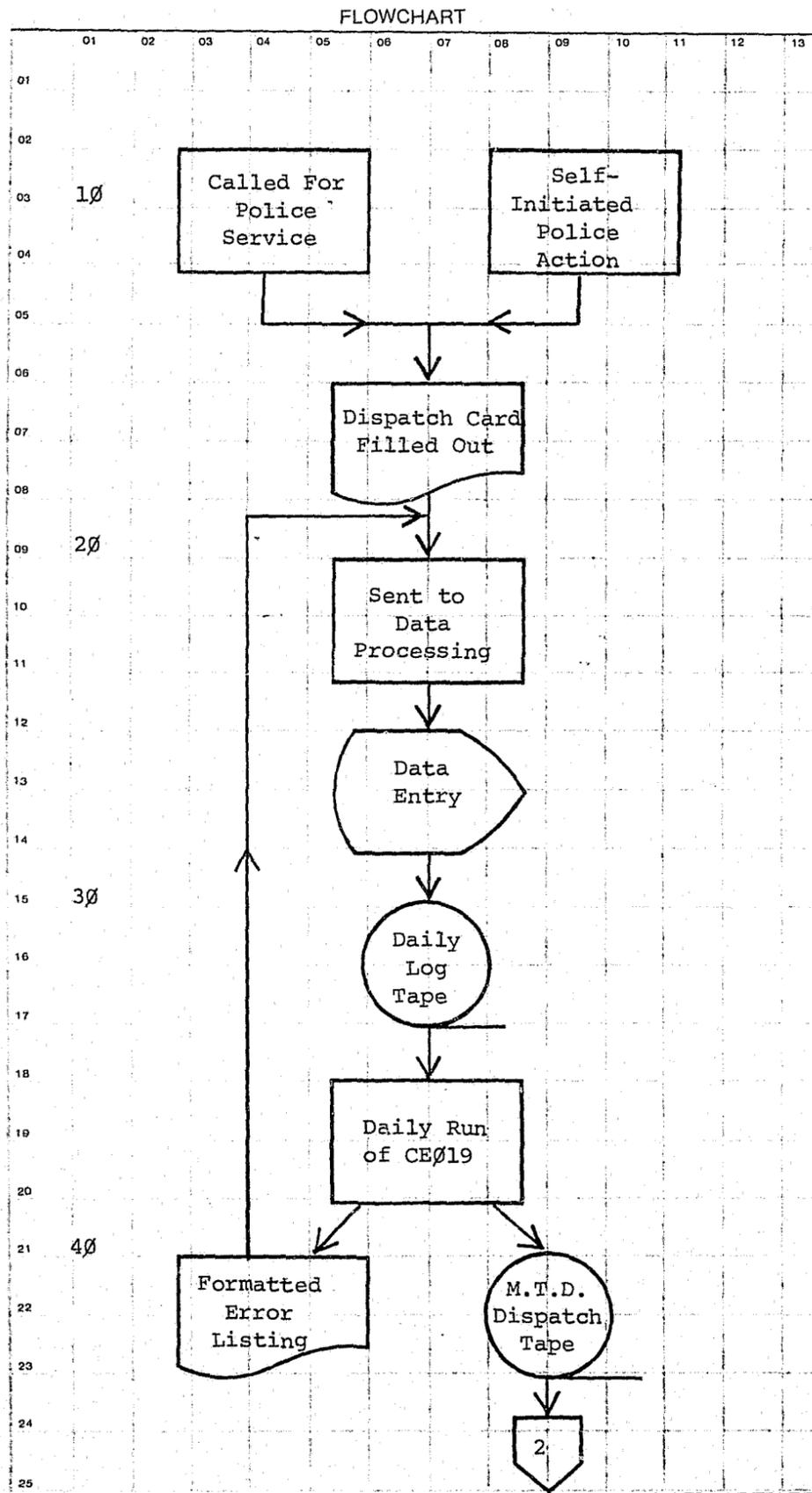### DESCRIPTION

10 A police service is per-
formed either by request
from a citizen, or a self-
initiated action by a
police officer.

20 The police dispatcher fills
out a form card containing
spaces for various statis-
tics pertaining to the
police service performed.
These cards are sent to
the Data Processing unit
at regular intervals during
each day.

30 The information is entered
by operators into a CRT
terminal and internal pro-
grams cause the data to be
loaded directly onto the
Daily Log Tape.

40 At a specified time each
day, the Daily Log Tape is
used as input to program
CE019 that creates an er-
ror listing which is sent
back to Data Processing
for re-entry of all errone-
ous information. This pro-
gram also creates a month-
to-date dispatch tape uti-
lizing the previous day's
month-to-date tape and
Daily Log Tape as input.

System No.	System Title:	Dispatch Reporting System	
Date Prepared:	Prepared By:	Revision Date:	Revised By:
Date Approved:	Approved By:		

INDEX NUMBER
SYS-06

FLOWCHART

DESCRIPTION
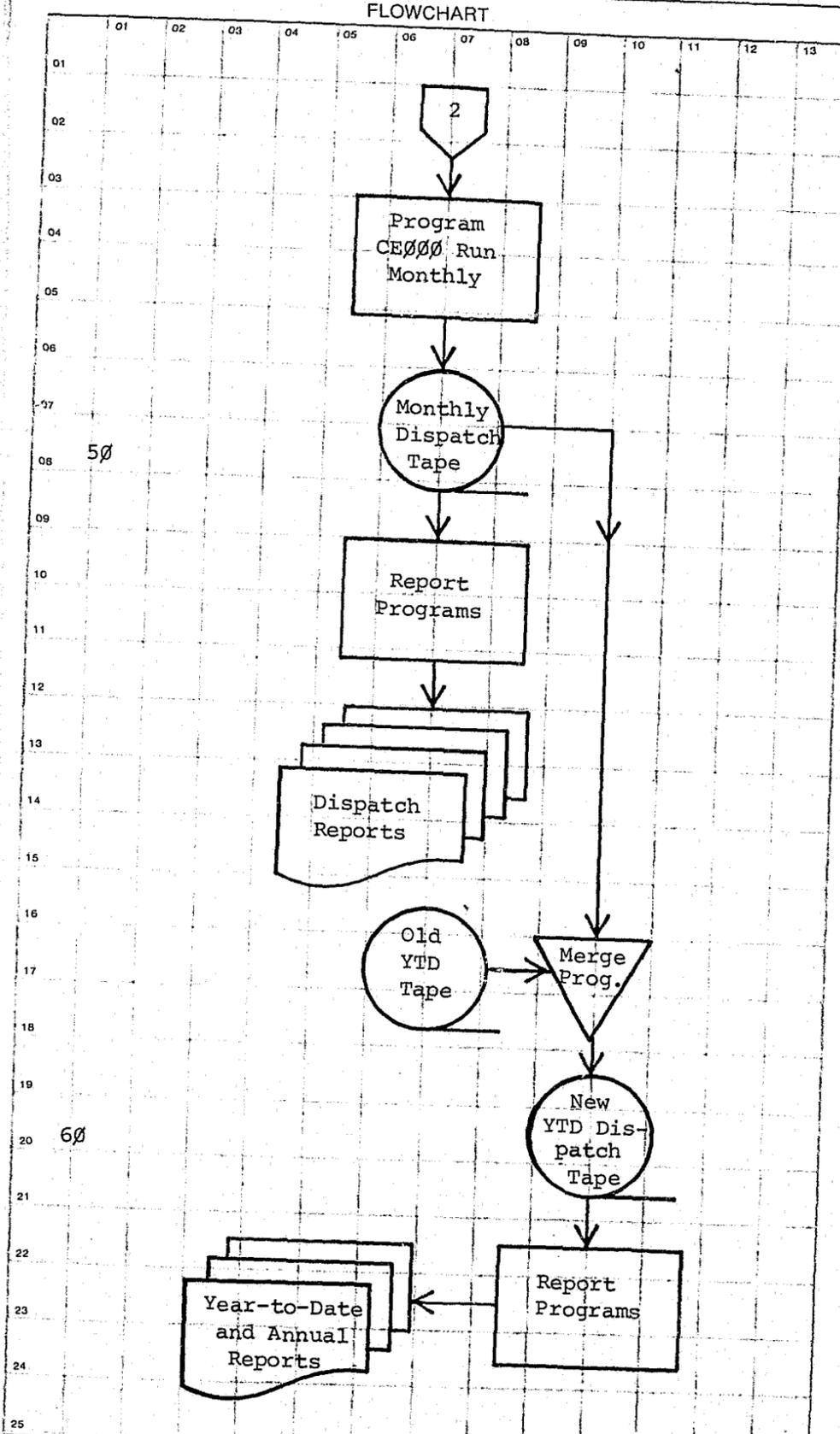
50 The month-to-date dispatch
tape is then used as input
to the monthly Dispatch
Tape Creation Program
(CE000) which creates the
input tape for the various
monthly report programs.

60 When the monthly report
programs have been run, the
previous month's year-to-
date tape is merged with
the monthly dispatch tape
to create an updated year-
to-date dispatch tape.
This tape is used as a
dispatch history file as
well as input to the vari-
ous report programs that
create year-to-date and
annual reports.

System No.	System Title:	Dispatch Reporting System	
Date Prepared:	Prepared By:	Revision Date:	Revised By:
Date Approved:	Approved By:		

INDEX NUMBER
SYS-07

SYSTEM SOURCE DOCUMENTS
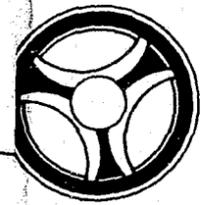
TIME CALL RECEIVED

CASE NUMBER

TIME CAR IN

REC'D. BY	CAR NO.	BEAT OF OCC.

NATURE OF INCIDENT

TYPE OF CALL		IF REPORT-RECLASSIFY TO	
MAJOR	MINOR	MAJOR	MINOR
REPORT	UNFOUNDED	H. B.O.	ARREST
AMBULANCE	FIRE DEPARTMENT	TOW TRUCK	UTILITY CO.

ASSISTING CARS		REPORTING UNIT

CALLED FOR SERVICE	ADMINISTRATIVE DETAIL	SELF INITIATED SERVICE	CASE NUMBER REQUEST ONLY

HOW COMPLAINT RECEIVED

LOCATION OF INCIDENT-ACTUAL ADDRESS OR INTERSECTION:

SECTOR

TIME CAR SENT

REMARKS:

DD-ZK 15073

TIME CAR ARRIV

TIME CAR ARRIVE

SYSTEM PROGRAMS

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

PROGRAM TITLE: MONTHLY DISPATCH TAPE CREATION

DATE OPERATIONAL: January 16, 1973

PURPOSE: To create the Monthly Dispatch Statistical tape to be used as
          input for various report programs.

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

I. PROGRAM NARRATIVE

Input to this program is the month-to-date dispatch statistical tape created on a daily basis by CEØ19. The input tape (CEØ19T1) contains daily dispatch information for each day of the previous month, and the first fifteen days of the present month. The output of this program is two tapes; the first containing each day's information from the prior month, and the second containing the remaining information for the present month. The prior month's dispatch tape is the one that is used as input for the various dispatch reporting programs, and the second tape will be used by the program CEØ19 which on a daily basis, will add the remaining portion of the present month and the first fifteen days of the next month to it so that a month from now, that tape will once again be used as input to CEØØØ. The input tape is read, and the previous month's records are separated from the present month's records and loaded into an internal Sort. The remaining records are written directly from the input tape to an output tape. When the entire input tape has been read, the previous month's records are sorted by the car radio number, within record type, within originating agency code. Upon return from the Sort the records are written directly upon the output tape.

II. DETAILED DESCRIPTION

The input and output tapes are opened, a control card is accepted containing the previous month's date, and the Sort file is initiated.

READ-OLD reads the input tape and at end control is transferred to the paragraph entitled INPUT-EXIT. The correct date information is extracted from the record and moved to the Sort date based on which of two statistical tape records are encountered. Either way, control falls through to the following paragraph.

RELEASE-SORT checks the date in the record read against the control card date and if equal, control is transferred to the paragraph entitled RELEASE-AND-GO-BACK. If the date is not equal, it means that the record encountered is one of the days of the present month and this record is written directly from the input tape to the output tape and control is then transferred back to READ-OLD.

RELEASE-AND-GO-BACK releases the previous month's record to the Sort and transfers control back to the paragraph entitled READ-OLD.

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

INPUT-EXIT. The above paragraphs are repeated until the entire input tape containing the present month's data will have been created. Also, the records that have been released to the Sort are sorted by car number within record type within originating agency code. When the Sort is complete, control falls through to the following paragraph.

WRITE-NEW returns the records from the Sort and writes them on the other output tape. Control returns to the beginning of this paragraph until the entire Sort has been exhausted and at that time control falls through to the following paragraph.

OUTPUT-EXIT causes the input and output tapes to be closed and various counts of records that have been read and written are displayed on the printer.

FLOWCHART

Start

(1)

Read Input Tape — At End — (4) — Return Sorted Records — At End — Close Files

(2) — No — (3) — (5)

Yes

Release To Sort

Display Counts

Stop Run

DESCRIPTION

(1) Housekeeping, Open Files, Accept Date Card, Etc.

(2) Does Date (Month) In Record Match Card?

(3) Write Present Month's Output Tape.

(4) Sort Records By Car Number and Agency Code.

(5) Write Previous Month's Output Tape. (CE000T1)

System No.

Date Prepared:

Date Approved:

System Title:

Prepared By:

Approved By:

Revision Date:

Revised By:

INDEX NUMBER
CE000-04

E D P RECORD LAYOUT

PREVIOUS MONTH-TO-DATE DISPATCH STATISTICAL TAPE – CE000T1

STATISTICAL TAPE DATA RECORD 1

STATISTICAL TAPE DATA RECORD 2

INDEX NUMBER
CE000-05

. (7-69)

STATISTICAL TAPE DATA RECORD 1

ORI (Proposed 9 Digit ORI)	CRN	First Car	Car No.	Beat Occ.	Rept. Car	Orig. Call	Re-class Call	How Disposed	Disposition	Time Recd.	Time Sent	Time Arrvd	Time Clear	Month	Day	Year	Day of Week	Addr. No.	Filler	Street Name	Suf	Dir	Addr Type	Track	Block	Sector	RCD Type	RPT DT

Car and Beat Info. / Call Info. / Time Info. / Date / Address Info. / Actual Address / Intersection Address (E W Street Name, Suf, N S Street Name, Suf, Dir) / Census

STATISTICAL TAPE DATA RECORD 2

ORI (Proposed 9 Digit ORI)	CRN	Date	Time Sent	Orig. Call Class	Disposition	Business Name (If Orig. call classification 1400 series)	Addr. No.	Filler	Street Name	Suf	Dir	Addr Type	Track	Block	Sector	RCD Type = '2'	RPT DT

Address Info. / Actual Address / Intersection Address (E W Street Name, Suf, N S Street Name, Suf, Dir) / Census

E D P RECORD LAYOUT

YEAR-TO-DATE DISPATCH STATISTICAL TAPE - CEØØ1T1

STATISTICAL TAPE DATA RECORD 1

ORI (Proposed 9 Digit ORI)	CRN	Car and Beat Info.			Call Info.					Time Info.				Date				Address Info.						Census				
		First Car	Car No.	Beat Occ.	Rept. Car	Orig. Call	Re-class Call	How Disposed	Disposition	Time Recd.	Time Sent	Time Arrvd	Time Clear	Month	Day	Year	Week of Year	Actual Address									Sector RCD Type = "1"	
																		Addr. No.	Filler	Street Name	Suf	Dir	Addr. Type	Track	Block		RPT DT
																		Intersection Address									
																		E W Street Name	Suf	N S Street Name	S	Dir					

STATISTICAL TAPE DATA RECORD 2

ORI (Proposed 9 Digit ORI)	CRN	Date	Time Sent	Orig. Call Class	Disposition	Business Name (If Orig. call classification 1400 series)	Address Info.							Census				
							Actual Address										Sector RCD Type = "2"	
							Addr. No.	Filler	Street Name	Suf	Dir	Addr. Type		Track	Block		RPT DT
							Intersection Address										
							E W Street Name	Suf	N S Street Name	Suf	Dir						

PROGRAM TITLE: YEAR-TO-DATE DISPATCH TAPE BACK-UP

DATE OPERATIONAL: January 16, 1973

PURPOSE: CEØØ2 is a COBOL utility program that simply reads the year-to-date dispatch tape (CEØØ1T1) onto a scratch tape for the purpose of backing it up.

PROGRAMMING DOCUMENTATION

SECTION
DISPATCH PROGRAMS

DATE ISSUED	DATE REVISED
January 16, 1973	

E D P RECORD LAYOUT

BACK-UP YEAR-TO-DATE DISPATCH STATISTICAL TAPE – CE002T1

STATISTICAL TAPE DATA RECORD 1

ORI (Proposed 9 Digit ORI)	CRN	Car and Beat Info.			Call Info.					Time Info.				Date				Address Info. Actual Address						Census				RPT DT
		First Car	Car No.	Beat Occ.	Rept. Car	Orig. Call	Re-class Call	How Disposed	Disposition	Time Recd.	Time Sent	Time Arrvd	Time Clear	Month	Day	Year	Day of Week	Addr. No.	Filler	Street Name	SufDir	Addr. Type	Track	Block	Sector RCD Type = '1'		
																		Intersection Address									
																		E W Street Name	Suf	N S Street Name	SufDir						

STATISTICAL TAPE DATA RECORD 2

ORI (Proposed 9 Digit ORI)	CRN	Date	Time Sent	Orig. Call Class	Disposition	Business Name (If Orig. call classification 1400 series)	Address Info. Actual Address						Census				RPT DT
							Addr. No.	Filler	Street Name	SufDir	Addr. Type		Track	Block	Sector RCD Type = '2'		
							Intersection Address										
							E W Street Name	Suf	N S Street Name	SufDir							

INDEX NUMBER
CE003-01

PROGRAMMING DOCUMENTATION

SECTION
DISPATCH PROGRAMS

DATE ISSUED	DATE REVISED
January 16, 1973	

PROGRAM TITLE: RADIO CALLS BY PATROL BEAT AND TIME OF DAY

DATE OPERATIONAL: January 16, 1973

PURPOSE: The purpose of this program is to accumulate monthly statistics of dispatch radio calls by patrol beat and time of day and list them on a computer listing.

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

I. PROGRAM NARRATIVE

Input to this program is the monthly dispatch statistical tape (CE∅∅∅T1) and output is a multi-page listing containing dispatched radio calls by patrol beat, zone, watch, and time of day. The input tape is read and the necessary information is moved to the Sort area and released. The records are then sorted by watch, zone, sector, and beat and upon return from the Sort counts of these sorted dispatched calls are loaded into a subscripted table by time of day for each individual reporting beat. The listing is printed by reporting beat broken down into the number of calls per hour for an entire 24 hour day. There are subtotals for the zone and watch change, and grand totals at the end of the listing.

II. DETAILED DESCRIPTION

The Sort file is initiated.

SORT-CAR accepts the control card containing originating agency information and moves this information to the header WORK AREAS. The input and output files are opened and zeros are moved to various counters. The paragraph entitled HEADER-RT is performed.

START-PROCESSING reads the input tape and at end transfers control to the paragraph entitled EOJ. Various originating agency code edits and zone, watch, and beat edits are performed on each record read and if they are failed, control returns to the beginning of the paragraph. If the records pass all of the edits, the record is released to the Sort and then control returns to the beginning of the paragraph. This paragraph is repeated until the entire input tape is read and at that point control falls through to the following paragraph.

EOJ is the exit paragraph which activates the Sort and the records are sorted by zone, watch, sector, and beat. Upon return from the Sort, control falls through to the following paragraph.

WRITE-REPORT returns the first record from the Sort, performs various edits on the time of occurrence fields and if they fail control returns to the beginning of the paragraph. The reporting car number is then moved to a save area and control is transferred to the paragraph entitled ADD-RT. This paragraph is only executed one time so that the reporting car number can be moved to the save area.

READ-RT is the paragraph that returns the remaining records from the Sort and at end the paragraphs END-OF-JOB through XEOJ are performed and control is then transferred to the paragraph entitled EOJA. The edits are once again performed on the various time reporting fields and if they fail, control returns to the beginning of this paragraph. The car number in the present record is compared to the save area and if equal control falls through to the following paragraph. Otherwise, control is transferred to the paragraph entitled SET-SUBSCRIPT.

ADD-RT increments the subscripted counters and various subtotal and total counters using one of the twenty-four hours of the day as the subscriptor. Control is then transferred back to the beginning of READ-RT. The cycle of READ-RT through ADD-RT is repeated until the reporting beat changes and at that point control is transferred to the paragraph entitled SET-SUBCRIPT.

HEADER-RT is merely a performed paragraph which prints the appropriate headers at the top of each page of the listing.

SET-SUBSCRIPT sets the hour subscriptor to zero as a prelude to the following paragraph.

OUTPUT-RT adds 1 to the hour subscriptor and moves the counts for that hour from the table to the print line. This paragraph repeats itself 24 times until the entire 24 hour period of counts has been moved to the print line. At that point control falls through to the following paragraph.

WRITE-RT causes the accumulated counts to be printed on the listing, zeros out the appropriate counters, and control falls through to the following paragraph.

EX-1 checks to see if all of the beats contained within a single zone have been tabulated and if so the paragraphs END-OF-ZONE through Z-T-OUT are performed. The present record radio number is moved to the save area and the present record hour of occurrence is moved to the subscriptor. Control is then returned to the paragraph entitled ADD-RT.

END-OF-JOB, TOTL-OUT, XEOJ. These three paragraphs are performed when the last record has been returned from the Sort and their function is to print the grand total line at the bottom of the last page of the print out for all of the dispatch calls for each hour of the day for the month.

END-OF-ZONE, Z-T-OUT. These two paragraphs are performed in the paragraph entitled EX-1 and their function is to print the zone totals when all of the beats within a single zone have been accounted for and printed.

EOJA is the paragraph that is branched to when the last record has been returned from the Sort, and its function is to cause the input and output files to be closed and a normal end of job message to be displayed upon the console.

(1) Open Files, Accept Control Card, Zero Out Counters.

(2) Does Record Pass Beat And Agency Code Edits?

(3) Records Are Sorted By Zone, Watch, Sector, Beat.

(4) Does Record Pass Edits On Time and Date Reporting Fields?

(5) Move Reporting Car Number To Save Area.

(6) Increment Subscripted Counters And Total Counters Based On Time and Beat.

(7) Does Car Number Equal Saved Car Number?

(8) Print Calls By Hour For A Single Car For The Month.

(9) Have All Counts For A Single Zone Been Collected?

(10) Zero Counters, Move Car Number To Save Area.
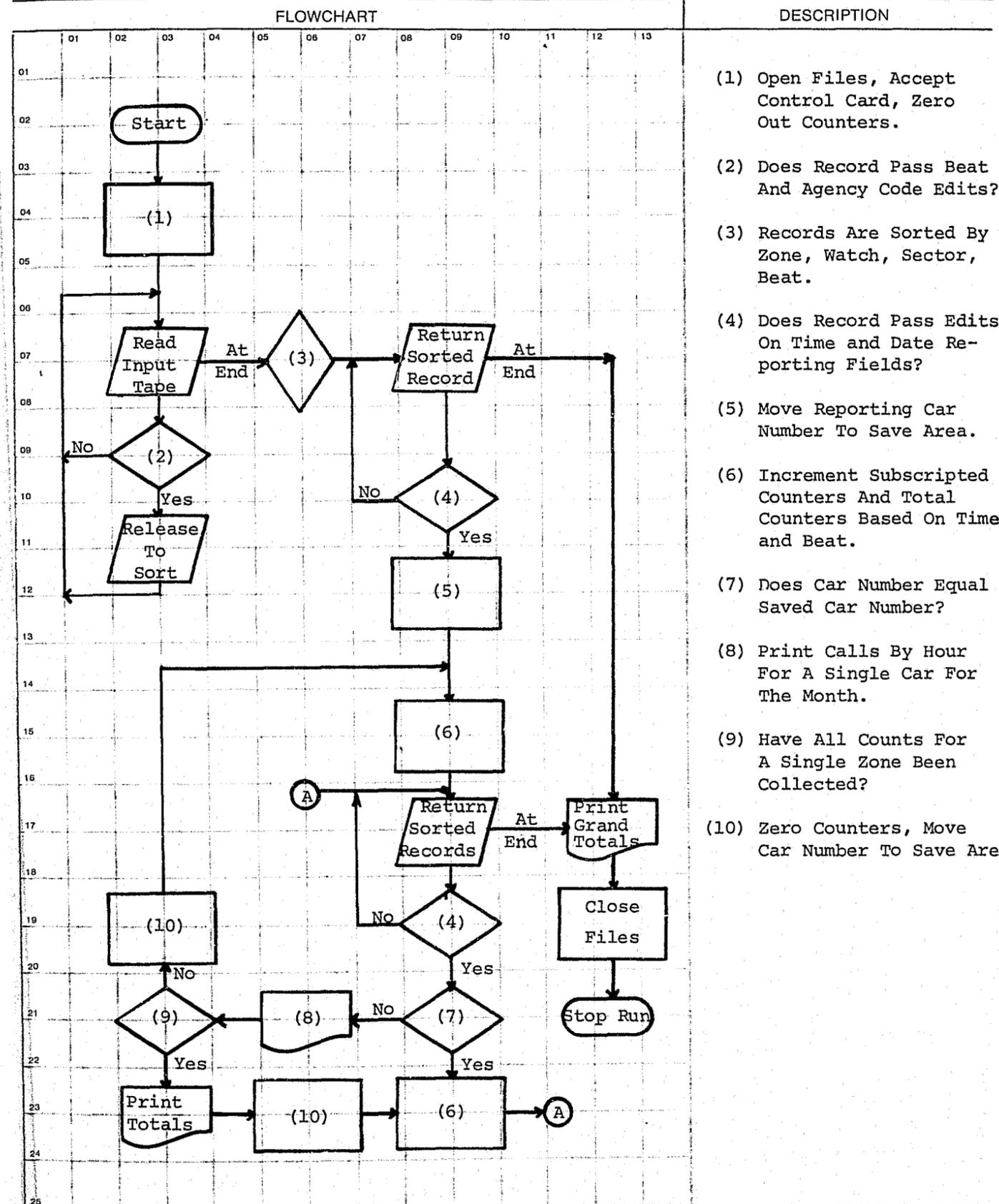
System No.	System Title:		
Date Prepared:	Prepared By:	Revision Date:	Revised By:
Date Approved:	Approved By:		

INDEX NUMBER
CE003-05

INDEX NUMBER
CE003-05

DESCRIPTION OF COMPUTER REPORT OR LISTING

DATE	ID NO.

☐ NEW   ☐ REVISION—SHOW WHY IN 'COMMENTS'

TITLE OF REPORT OR LISTING

RADIO CALLS BY PATROL BEAT AND TIME OF DAY - CEØØ3L1

PURPOSE OR FUNCTION IT SERVES

THE PURPOSE OF THIS REPORT IS TO DISPLAY ALL RADIO CALLS GIVEN TO A PARTICULAR PATROL BEAT DISTRIBUTED BY TIME OF DAY.

ORIGINATES FROM (SHOW COMPUTER RUN AND/OR MAIN FILE FROM WHICH DATA IS DEVELOPED AND SPAN OF TIME COVERED OR AGE OF DATA)

THIS INFORMATION IS EXTRACTED FROM THE MONTHLY DISPATCH STATISTICAL TAPE - CEØØØT1.

NO. COPIES	FREQUENCY ISSUED ☐ DAILY ☐ WEEKLY ☒ MONTHLY ☐

DESIGN FORMAT APPROVED BY	DATE	RELEASE PERIOD

COPY DISTRIBUTION

	SENT TO	RETENTION	DISPOSITION
1	ORIGINATING AGENCY (3)		
2	FILE (1)		
3			
4			
5			
6			

COMMENTS

DETAILED EXPLANATION OF DATA (WHEN PRINTED CAPTIONS ARE NOT SELF EXPLANATORY)

HEADINGS ARE SELF-EXPLANATORY.

CONTINUE ON REVERSE SIDE

RADIO NO.	TOTAL CALLS	2400-0100	0100-0200	0200-0300	0300-0400	0400-0500	0500-0600	0600-0700	0700-0800	0800-0900	0900-1000	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	2000-2100	2100-2200	2200-2300	2300-2400
2355	24	0	0	0	0	0	0	0	0	5	3	4	3	4	1	2	2	0	0	0	0	0	0	0	0
2359	4	0	0	0	0	0	0	0	0	1	1	0		1											0
3311	5	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
3312	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3313	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	
3314	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	1	2	2	9	
3315	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	1	3	2	2	9		
3321	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	2	3	4	3	3		
3322	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	3	3	4	5		
3323	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	2	8	3			
3324	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	2	3	2	3	8	2		
3325	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	8	3	6	4	14	0		
3331	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	6	7	3	6	2			
3332	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	1	1	4	7	0		
3333	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	5	0	4	9	9	2		
3334	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	8	3	4	13	4	7	9		
3335	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	5	1	7	7	2	11	6		
3339	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	7	6	7	10	8	6		
3341	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	5	7	2	7	6	4			
3342	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3	1			
3343	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	4	5	4	5	7			
3344	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	4	7	5	4	10		
3345	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	7	3	4	6	4	10		
3349	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	7	5	8	3	6	7		
3351	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	5	5	7	4	1		
3352	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	1		
3353	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	7	1	7	7	5			
3354	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	8	3	5	5	7	6			
3355	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	2	2	4	0	6	9		
3359	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	3	5	3	8	6	10	5		
ZTOT	2203	133	107	77	46	53	33	50	50	74	85	70	86	99	96	97	105	96	96	95	89	133	121	172	140
TOTL	7612	414	365	259	185	128	97	140	204	296	276	250	291	354	333	387	363	370	353	323	301	371	457	578	517

PROGRAMMING DOCUMENTATION

SECTION

DISPATCH PROGRAMS

DATE ISSUED

January 16, 1973

DATE REVISED

PROGRAM TITLE: PATROL SERVICE WORK LOAD

DATE OPERATIONAL: January 16, 1973

PURPOSE: To produce a listing of Patrol Service Work Load broken down
by zone, watch, beat, and the entire Patrol Bureau. The report
is further broken down by type of incident, numbers of incidents,
hours spent on each type of incident, and the average time in
minutes.

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

I. PROGRAM NARRATIVE

Input to this program is the monthly dispatch statistical tape (CEØØØT1) and the output is a multi-page listing. The input tape is read and each record is edited. Those records that pass the edits have pertinent data selected from them which is released to the Sort. After the entire input tape has been exhausted, the records are sorted by zone, watch and beat. Upon return from the Sort various subscripted tables are loaded with incident, time, and beat information and the various report pages are printed using this accumulated information.

II. DETAILED DESCRIPTION

The Sort file is initiated.

TEST-CAR-NO accepts a control card containing the date and the program name and moves this information to work areas.

READ-FILE reads the input tape into a work area and at end control is transferred to EOJ-INPUT. Each record that is read must pass various edits so that control will fall through to the following paragraph. If the edits are not passed control is returned to the beginning of this paragraph.

MOVE-AND-RELEASE moves the necessary fields from all tape records that pass the edits to the Sort area. These fields include the car number (beat number), classification of call, the time the car was dispatched, and the time the car cleared from its call. The Sort record is then released and control is returned to READ-FILE.

EOJ-INPUT is the paragraph that is branched to when the entire input tape has been read. When this occurs, the Sort is activated and the records are sorted by zone and beat. Upon completion of the Sort control falls through to the following paragraph.

WRITE-REPORT opens the printer file, and moves zeros to all of the subscripted tables and counters. This paragraph also causes the first sorted record to be returned and the beat in the first record is moved to a save area and control is transferred to START-PROCESS.

START-PROCESSING is the read paragraph in this program and causes all the remaining records to be returned from the Sort. The beat in the record just returned is compared against the save area and if they are equal control is transferred to the paragraph entitled START-PROCESS. If they are not equal the indication is that all of the necessary information has been collected for a single beat and the remainder of the instructions in this paragraph are to compare statements to determine whether the zone or watch has also changed. Any change in the zone, watch or beat causes various routines to be performed throughout the program that print portions of the listing. As these routines are accessed they will be further explained.

START-PROCESS checks to see if the beat has just changed and if so, moves the beat in the present record to the save area. It then performs another edit which if failed causes control to return to START-PROCESSING, otherwise control falls through to the following paragraph.

CHECK-TYPE causes a subscriptor to be incremented based upon the classification of call to which the car was sent. If the classification code contained in this record is not valid, control returns to START-PROCESSING, otherwise control is transferred to the following paragraph.

ADD-INC. This paragraph increments various subscripted tables including the beat count table, the zone count table, the sector count table, and the total count table. Control then falls through to the following paragraph.

TIME-CT calculates the amount of time that the officer took to answer the call, and then adds the calculated time to another set of subscripted tables and control is returned to START-PROCESSING.

CAR-TOTALS, CAR-PRINT-LINE. These two paragraphs are performed in the paragraph START-PROCESSING when the individual car number changes from one record to the next. The function of these two paragraphs is to print one single page of listing containing statistics for a one-month period for one car. This paragraph breaks down the individual types of incidents, how many of each type of incidents, the hours that were spent on all of a single type of incident, and the average time in minutes that it took this particular car to handle a particular type of incident. This information is calculated by this paragraph and listed on the printout. Also, the various necessary header paragraphs are performed.

PROGRAMMING DOCUMENTATION

DATE ISSUED	DATE REVISED
January 16, 1973	

SECTOR-TOTALS, SECTOR-PRINT-LINE. These two paragraphs are also performed in the paragraph entitled START-PROCESSING. They are performed when all of the records have been exhausted for a single Kansas City Police Department sector which is a geographic area containing approximately five beats. These paragraphs are similar in function to the previous two paragraphs (CAR-TOTALS and CAR-PRINT-LINE) in that they list type of incidents, number of incidents, hours, and average time and the only difference in format will be in the heading information.

ZONE-TOTALS, ZONE-PRINT-LINE. These two paragraphs, as the previous two sets of paragraphs, perform the same function except this time for the Kansas City Police Department zone which is a larger geographic area comprised of several sectors.
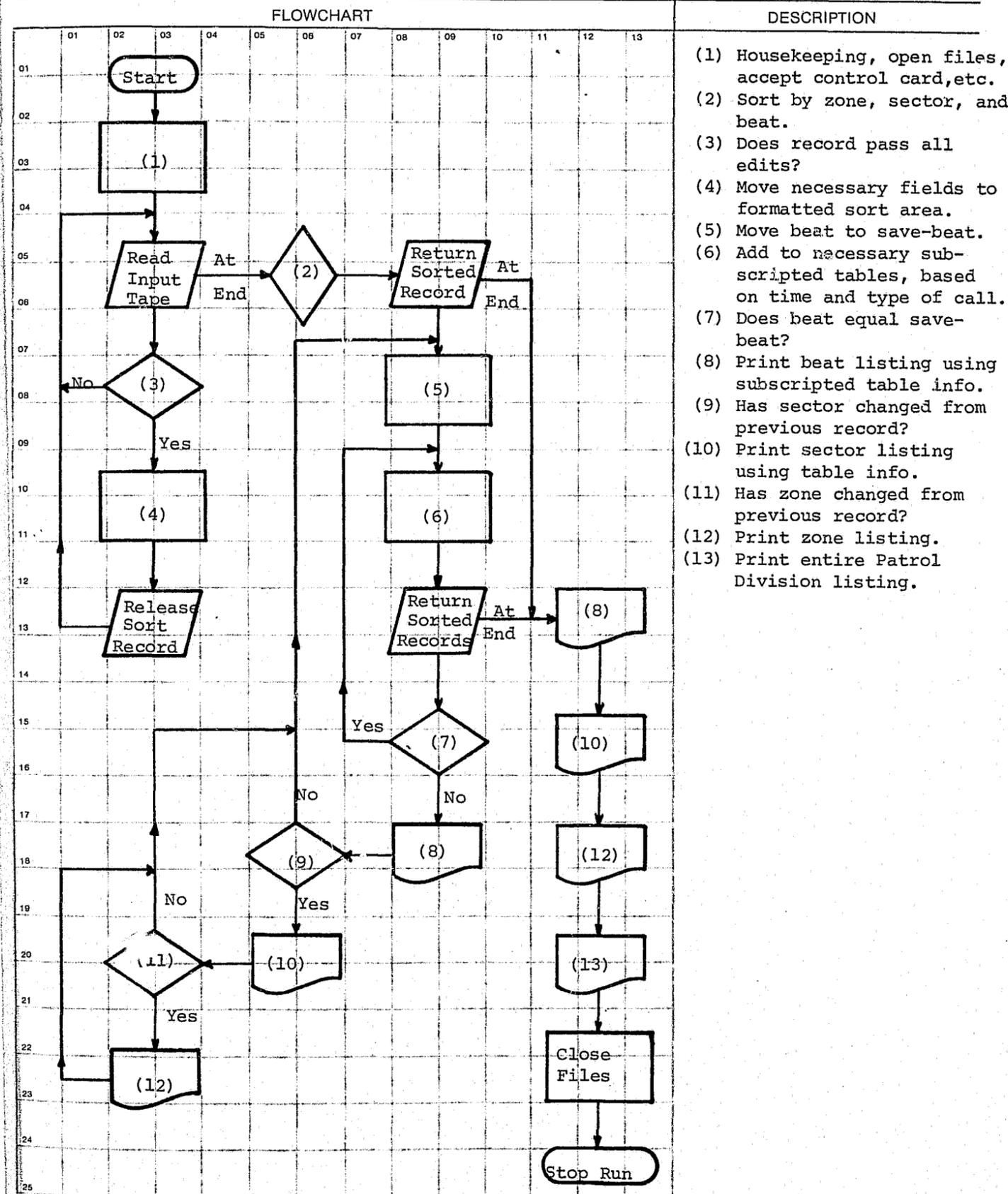
TOTAL-INCIDENTS, TOTAL-PRINT-LINE. These two paragraphs once again are identical in format to the previous sets of two paragraphs. The difference is in the header information and that this set of paragraphs is only performed one time and that is at the very end of the program. It prints the total number of incidents, hours, and minutes for the entire Patrol Bureau for a one-month period.

WRITE-LINE is a performed paragraph that actually causes each line of data to be printed on the listing.

HEADER, COLUMN-HEADER. These two paragraphs are header paragraphs which are performed at various points throughout the program and their function is to print the correct information at the top of each page of the listing.

EOJA is the paragraph that is branched to when the last record has been returned from the Sort. This paragraph causes the input and output files to be closed and a normal end-of-job message to be displayed upon the console.

FLOWCHART | DESCRIPTION

(1) Housekeeping, open files, accept control card, etc.
(2) Sort by zone, sector, and beat.
(3) Does record pass all edits?
(4) Move necessary fields to formatted sort area.
(5) Move beat to save-beat.
(6) Add to necessary subscripted tables, based on time and type of call.
(7) Does beat equal save-beat?
(8) Print beat listing using subscripted table info.
(9) Has sector changed from previous record?
(10) Print sector listing using table info.
(11) Has zone changed from previous record?
(12) Print zone listing.
(13) Print entire Patrol Division listing.

System No.	System Title:		
Date Prepared:	Prepared By:	Revision Date:	Revised By:
Date Approved:	Approved By:		

INDEX NUMBER
CE004-05

DESCRIPTION OF COMPUTER REPORT OR LISTING

DATE	ID NO.

☐ NEW   ☐ REVISION—SHOW WHY IN 'COMMENTS'

TITLE OF REPORT OR LISTING
PATROL SERVICE WORK LOAD - CE004L1

PURPOSE OR FUNCTION IT SERVES

TO DISPLAY PATROL SERVICE WORK LOAD BROKEN DOWN BY INDIVIDUAL TYPES OF INCIDENTS AND TIME DEDICATED TO THOSE INCIDENTS.

ORIGINATES FROM (SHOW COMPUTER RUN AND/OR MAIN FILE FROM WHICH DATA IS DEVELOPED AND SPAN OF TIME COVERED OR AGE OF DATA)

THIS INFORMATION IS EXTRACTED FROM THE MONTHLY DISPATCH STATISTICAL TAPE - CE000T1.

NO. COPIES	FREQUENCY ISSUED
	☐ DAILY ☐ WEEKLY ☒ MONTHLY ☐

DESIGN FORMAT APPROVED BY	DATE	RELEASE PERIOD

COPY DISTRIBUTION

SENT TO	RETENTION	DISPOSITION
1		
2 ORIGINATING AGENCY (3)		
3 FILE (1)		
4		
5		
6		

COMMENTS

DETAILED EXPLANATION OF DATA (WHEN PRINTED CAPTIONS ARE NOT SELF EXPLANATORY)

PAGE HEADINGS ARE SELF-EXPLANATORY.

CE004L1 PRINTS A SEPARATE PAGE FOR EACH PATROL CAR, PATROL WATCH, PATROL ZONE, AND A TOTAL PAGE FOR THE ENTIRE PATROL BUREAU.

NOTE THAT THE NUMBER INCIDENTS IS FOR THAT PATROL CAR REGARDLESS OF WHETHER OR NOT THE INCIDENT WAS HANDLED WITHIN THE CAR'S OWN BEAT OR DISTRICT.

RESTRICTED INFORMATION

CONTINUE ON REVERSE SIDE

JULY 15, 1972

CE004L1
FOR MONTH OF JUNE,1972

KANSAS CITY POLICE DEPARTMENT
PATROL SERVICE WORKLOAD
TOTALS FOR
ALL CARS OF THIS REPORT

PAGE 1

TYPE INCIDENT	NO. INCIDENTS	HOURS	AVERAGE TIME (MINUTES)
HOMICIDE	1	.6	36.0
SUICIDE OR ATTEMPT	41	30.2	44.2
DEAD BODY	49	69.6	85.1
RAPE OR ATTEMPT	37	61.4	99.5
MOLESTATION	15	14.1	56.5
INDECENT ACT	11	7.3	40.0
OTHER SEX OFFENSE	4	1.3	19.8
ROBBERY OR ATTEMPT	134	127.9	57.2
STRONGARM OR ATTEMPT	47	29.0	36.9
SHOOTING	78	65.7	50.5
CUTTING	36	34.5	57.5
OTHER ASSAULT	194	163.7	50.6
RESIDENCE BURGLARY	424	379.0	53.6
NON-RESIDENCE BURGLARY	208	214.3	61.8
LARCENY OR ATTEMPT	874	528.0	36.2
HOLDING PERSON FOR	179	255.8	85.7
PURSE SNATCH, ATTEMPT	17	14.6	51.5
STOLEN OR ATTEMPT	529	395.6	44.8
ATTEMPT TO LOCATE AUTO	48	33.6	42.0
ANIMAL BITE	282	222.8	47.4
LOSS	6	2.4	23.6
RECOVERED PROPERTY	240	204.3	51.1
DESTRUCTION PROPERTY	406	244.5	36.1
OPEN DOOR OR WINDOW	111	43.8	23.6
FRAUD	40	46.8	70.2
CASUALTY	22	12.1	32.8
OTHER MISC. REPORTS	28	10.4	22.2
PERSON DOWN	527	281.2	32.0
PERSON DOWN, INJURED	68	30.3	26.7
INTOXICATED PERSON	218	152.2	41.9
DISTURBANCE	5274	2566.8	29.2
INVESTIGATE TROUBLE	208	119.1	34.3
MENTAL	302	211.0	41.9
NOISE	549	130.4	14.2
TAVERN	47	19.3	24.6
NON-PAYER	60	23.0	22.9
DISPERSE GROUP	224	56.3	15.1
ASSIST THE OFFICER	3	3.7	73.8
HANDLE TRAFFIC	92	51.8	33.7
CHECK LITES & BARICADE	11	3.4	18.3
OBSTRUCTION IN STREETS	53	18.1	20.4
TRAFFIC CONDITIONS	933	388.5	25.0
ACCIDENT REPORT	2105	1834.7	52.3
INVESTIGATION, INJURY	394	433.6	66.0
FATALITY	1	1.2	73.8
HOLDUP ALARM	226	54.6	14.5

INDEX NUMBER CE004-87

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED
January 16, 1973

DATE REVISED

PROGRAM TITLE: BEAT SERVICE WORK LOAD

DATE OPERATIONAL: January 16, 1973

PURPOSE: To produce a monthly listing of Patrol Service Work Load broken down by individual Police Department beat.

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED
January 16, 1973

DATE REVISED

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED
January 16, 1973

DATE REVISED

I. PROGRAM NARRATIVE

Input to this program is the Monthly Dispatch Statistical Tape (CEØØØT1) and output is a multi-page listing. The input tape is read, edited, and those records that pass the edits have the necessary data taken from them which is formatted and released to the Sort. After the entire input tape has been exhausted, the records are sorted by beat within zone. Upon return from the Sort, various subscripted tables are loaded with incident, time, and beat information and the various report pages are printed using this accumulated information.

II. DETAILED DESCRIPTION

The Sort file is initiated.

TEST-BEAT-NO. The input file is opened, and a control card containing the date and the program name is accepted and the information is moved to the appropriate work areas. Various subscripted tables are set to zero and control falls through to the following paragraph.

READ-TAPE reads the input tape into a work area and at end control is transferred to the paragraph entitled EOJ-INPUT. Each record read is subjected to various edits and if all are passed, control falls through to the following paragraph. Otherwise, control is returned to the beginning of this paragraph.

MOVE-AND-RELEASE moves the necessary fields from all tape records that pass the edits to the Sort area. These fields include the car number (beat number), classification of call, time the car was dispatched, and time the car was cleared from the call. The Sort record is then released and control is returned to READ-TAPE.

EOJ-INPUT is the paragraph that is branched to when the entire input tape has been exhausted. When this occurs, the Sort is activated and the records are sorted by zone and beat. Upon completion of the Sort, control falls through to the following paragraph.

WRITE-REPORT opens the output printer and causes the first record to be returned from the Sort. The beat is moved to a save area, and control is transferred to the paragraph entitled START-PROCESS.

START-PROCESSING returns the remaining records from the Sort and the at end option causes the paragraphs LAST-RTN through PRINT-PAGE to be performed. Also, the paragraphs TOTAL-RTN through X-TOTAL are performed

and control is then transferred to the end-of-job paragraph entitled EOJA. The beat in each record is compared with the saved beat and if they are equal, control falls through to the following paragraph. If they are not equal, the paragraphs entitled LAST-RTN through PRINT-PAGE are performed, and then the beat in the present record is moved to the save area. Control then falls through to the following paragraph.

START-PROCESS performs another edit on the record that has just been read and if it fails, control returns to START-PROCESSING, otherwise control falls through to the following paragraph.

CHECK-TYPE causes a subscriptor to be incremented based upon the classification of call to which the car was sent. If the classification code contained in this record is not valid, control returns to START-PROCESSING, otherwise control falls through to the following paragraph.

ADD-INC causes the two subscripted tables to be incremented using the subscriptor set in the previous paragraph. The first subscripted table tabulates the statistics for each individual beat, and the second subscripted table tabulates the total statistics for the entire Police Department for a single month. Control is returned to START-PROCESSING.

TIME-CT computes the amount of time variance between the time the car was sent and the time the car cleared the call. These figures are posted to the subscripted tables and paragraphs NEW-AVERAGES through AVG-EXIT are performed to compute the average time per call. Control is then returned to START-PROCESSING.

LAST-RTN, PRINT-PAGE. These two paragraphs are performed in the paragraph entitled START-PROCESSING. Their function is to print a single page of listing containing the various statistics accumulated in the subscripted tables for each individual beat.

TOTAL-RTN, TOTAL-PAGE, X-TOTAL. These three paragraphs are performed one time in the program when the last record has been returned from the Sort. The function of this paragraph is identical to the previous two paragraphs except that it encompasses the statistics accumulated in the subscripted counters for the entire Kansas City, Missouri Police Department for a one-month period.

HEADER, COLUMN-HEADER. These two paragraphs are performed paragraphs that cause the appropriate header lines to be printed at the top of each individual page of the listing.

PROGRAMMING DOCUMENTATION

NEW-AVERAGES, AVG-EXIT. These two paragraphs are performed in the paragraph entitled TIME-CT and their function is to calculate the amount of time that it took an officer to answer a call. It then causes the calculated time to be moved to the print area for printing at a later time.

EOJA is the final paragraph in this program and causes the input and output files to be closed and a normal end-of-job message is displayed upon the console.

DESCRIPTION OF COMPUTER REPORT OR LISTING
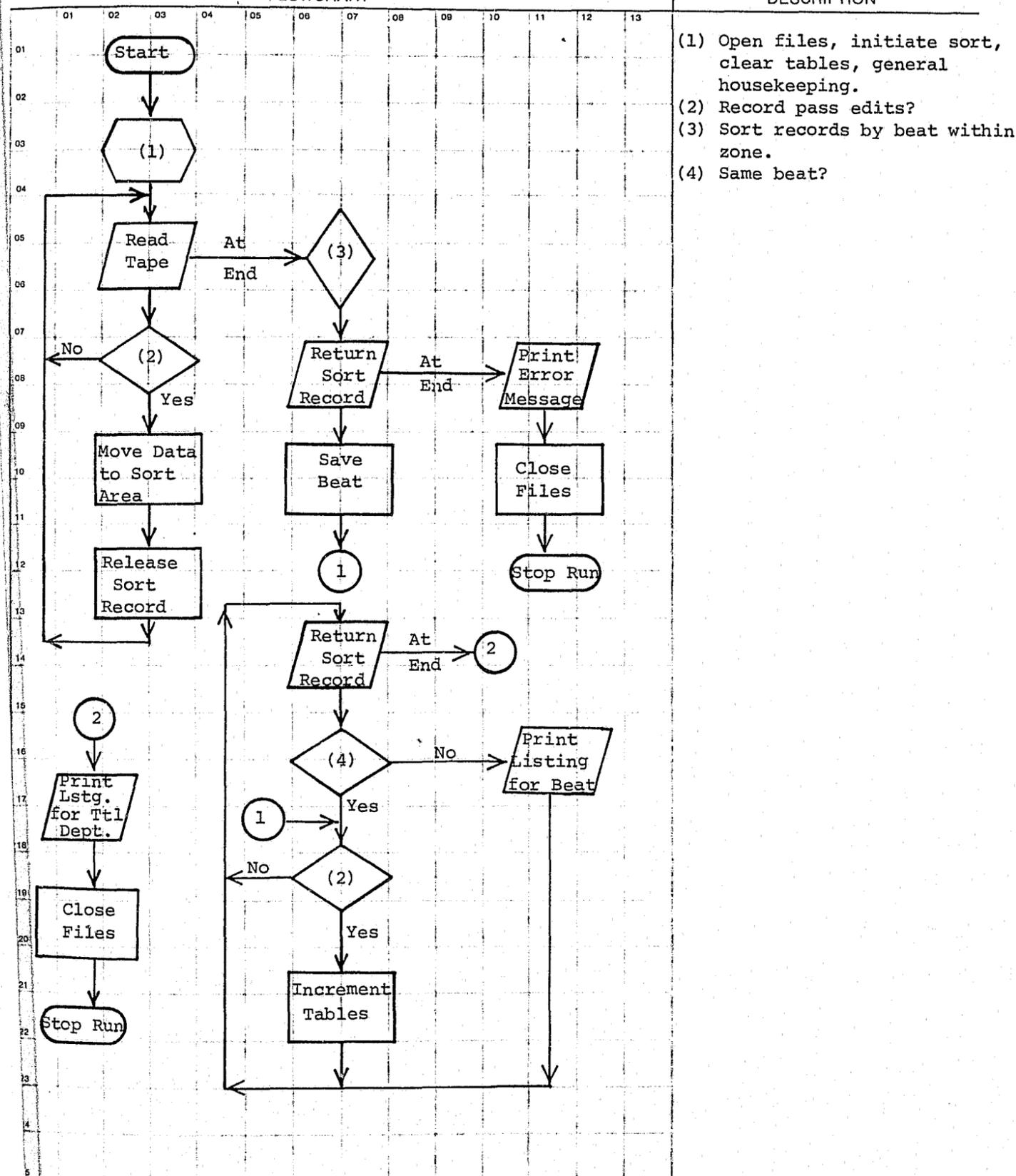
(1) Open files, initiate sort, clear tables, general housekeeping.
(2) Record pass edits?
(3) Sort records by beat within zone.
(4) Same beat?

System No.

Date Prepared: System Title:

Date Approved: Prepared By: Revision Date: Revised By:

Approved By:

INDEX NUMBER
CEØØ5-Ø5

INDEX NUMBER
CEØØ

DESCRIPTION OF COMPUTER REPORT OR LISTING

DATE	ID NO.

☐ NEW   ☐ REVISION—SHOW WHY IN 'COMMENTS'

TITLE OF REPORT OR LISTING

BEAT SERVICE WORK LOAD - CE005L1

PURPOSE OR FUNCTION IT SERVES

TO PRODUCE A MONTHLY LISTING OF PATROL SERVICE WORK LOAD BY PATROL BEAT.

ORIGINATES FROM (SHOW COMPUTER RUN AND/OR MAIN FILE FROM WHICH DATA IS DEVELOPED AND SPAN OF TIME COVERED OR AGE OF DATA)

THIS INFORMATION IS EXTRACTED FROM THE MONTHLY DISPATCH STATISTICAL TAPE - CE000T1.

NO. COPIES	FREQUENCY ISSUED ☐ DAILY ☐ WEEKLY ☒ MONTHLY ☐

DESIGN FORMAT APPROVED BY	DATE	RELEASE PERIOD

COPY DISTRIBUTION

	SENT TO	RETENTION	DISPOSITION
1	ORIGINATING AGENCY (3)		
2	FILE (1)		
3			
4			
5			
6			

COMMENTS

INDEX CE005

CE005L1

DETAILED EXPLANATION OF DATA (WHEN PRINTED CAPTIONS ARE NOT SELF EXPLANATORY)

VERTICALLY THIS REPORT LISTS INCIDENT TYPES INCURRED WITHIN THAT PATROL BEAT.

HORIZONTAL HEADINGS ARE AS FOLLOWS:

1. THE NUMBER OF UNIT INCIDENTS OCCURRING WITHIN THAT PATROL BEAT. UNIT INCIDENTS ARE DEFINED AS THE NUMBER OF PATROL UNITS TAKEN OUT OF SERVICE TO HANDLE A CALL. FOR EXAMPLE, IF THE FIRST CAR IS ASSISTED BY TWO ADDITIONAL CARS ON A NON-RESIDENCE BURGLARY, THREE UNIT INCIDENTS WILL BE ADDED TO THE NON-RESIDENCE BURGLARY CLASSIFICATION.

2. THE TOTAL NUMBER OF UNIT INCIDENT HOURS EXPENDED IN HANDLING THE SPECIFIED INCIDENT.

3. THE AVERAGE TIME IN MINUTES REQUIRED TO HANDLE EACH INCIDENT.

4. THE ACTUAL NUMBER OF INCIDENTS OCCURRING WITHIN THE PATROL BEAT (AS COMPARED TO THE UNIT INCIDENT COUNT).

5. THE ACCESS TIME IN MINUTES REQUIRED BY THE FIRST CAR TO REACH THE SCENE OF THE INCIDENT.

6. THE AVERAGE TIME IN MINUTES TAKEN FOR THE FIRST CAR TO REACH THE SCENE OF THE INCIDENT.

CE005L1 PRINTS A ONE-PAGE LISTING AS DESCRIBED FOR EACH PATROL BEAT, WATCH, ZONE AND FOR THE ENTIRE PATROL BUREAU.

CONTINUE ON REVERSE SIDE

INDEX NUMBER CE005-07

KANSAS CITY MISSOURI POLICE DEPARTMENT

PAGE 1

BEAT SERVICE WORKLOAD
FOR MONTH OF JUNE
BEAT 1111

TYPE INCIDENT	NO. INCIDENTS	HOURS	AVERAGE TIME (MINUTES)	NO.	TIME	AVERAGE
LARCENY OR ATTEMPT	2	2.1	63.9			
STOLEN OR ATTEMPT	1	.5	32.4	2	.0	.0
LOSS	1	4.9	296.4	1	.0	.0
RECOVERED PROPERTY	2	.4	10.5	1	.0	.0
OPEN DOOR OR WINDOW	4	1.1	16.2	2	.0	.0
OTHER MISC. REPORTS	3	1.1	21.4	2	.0	.0
PERSON DOWN	5	3.3	39.6	3	.0	.0
PERSON DOWN, INJURED	3	1.1	22.8	5	.0	.0
INTOXICATED PERSON	2	1.5	43.5	2	.0	.0
DISTURBANCE	11	5.9	32.0	2	.0	.0
NOISE	2	.4	12.0	5	.0	.0
OBSTRUCTION IN STREETS	2	.6	19.2	1	.0	.0
TRAFFIC CONDITIONS	3	4.6	92.0	1	.0	.0
ACCIDENT REPORT	6	4.7	46.6	3	.0	.0
INVESTIGATION, INJURY	1	.1	7.2	6	.0	.0
BURGLAR ALARM	17	6.6	23.2	1	.0	.0
OTHER ALARM	1	.3	15.6	9	.0	.0
PERSON	7	4.4	37.9	1	.0	.0
PROWLER	5	1.7	20.2	5	.0	.0
OCCUPANT, PARKED CAR	5	1.5	17.4	3	.0	.0
INVEST. NEED FOR AMBUL	3	1.3	25.2	4	.0	.0
FIRE	1	.4	21.6	2	.0	.0
DISPERSE GROUP JUVEN.	1	.2	12.0	1	.0	.0
TRAFFIC VIOLATION	4	.8	12.6	1	.0	.0
BUILDING CHECK	10	5.8	34.6	4	.0	.0
CAR CHECK	17	6.4	22.7	7	.0	.0
FOOT PATROL	1	.2	11.4	12	.0	.0
PEDESTRIAN CHECK	8	3.6	26.6	1	.0	.0
RESIDENCE CHECK	1	.2	9.6	8	.0	.0
CHECK ABONDONED CAR	2	.9	27.3	1	.0	.0
ANIMAL	1	.2	12.0	2	.0	.0
TOTALS	132	66.5	30.2	1	.0	.0
				99	.0	.0

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

PROGRAM TITLE: CAR NUMBER WORK LOAD

DATE OPERATIONAL: January 16, 1973

PURPOSE: The purpose of this program is to print a listing which will
enable command staff personnel to evaluate the total time by
individual car it takes to handle a specific type of call, and
the time it takes for a car to respond to the scene of a call
from the time it is dispatched.

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

I. PROGRAM NARRATIVE

Input to this program is the Monthly Dispatch Statistical tape (CEØØØT1) and the output is a multi-page listing. Prior to execution of this program, the input tape is sorted externally into car number sequence. The input tape is then read, edited and those records that pass the edits have the necessary time, car and incident data taken from them which is then analyzed by the program, and numerous subscripted tables are incremented based upon this analysis. Upon each change in car number, the contents of the subscripted tables are released to the print area and two tables are printed for each car; the first being the Time Sent to Time Clear table, and the second being the Time Sent to Time Arrived table. After the entire input tape has been exhausted, the end-of-job routine is branched to which prints the tables for the last car on the tape, and then various total tables for the entire patrol division.

II. DETAILED DESCRIPTION

MOVE-ZEROS-IN, MAIN-TABLE-ONLY. These two paragraphs cause the value of zero to be moved to all of the subscripted tables in this program. A control card is also accepted containing the correct date for which this program is to be run, and the information is moved to the header area. The input and output file are opened.

INITIAL-READ causes the first record of the input tape to be read and various originating agency code edits are performed. If the edits are not passed, control returns to the beginning of this paragraph otherwise, the car number is moved to a save area and control falls through to the paragraph entitled BEGIN-PROCESS.

READ-FILE is the paragraph that causes the remainder of the records to be read from the tape. The end-of-job option causes control to be transferred to the paragraph entitled EOJ. The originating agency code is once again edited and if the edit is failed, control returns to the beginning of the paragraph. Otherwise, control falls through to the following paragraph.

BEGIN-PROCESS is an edit paragraph and various fields in each record that are read are edited, and if any of the edits are failed, control is returned to the beginning of the paragraph entitled READ-FILE. If all edits are passed, control falls through to the following paragraph.

COMPARE-CARS is the paragraph that compares the car number in the present record to the saved car number, and if they are the same control falls through to the following paragraph. If the car numbers are different (indicating that all of the information for a single car has been collected)

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

the paragraphs LAST-RTN through ALL-DONE are performed; the paragraph MOVE-IN-ARRIVED is performed; the paragraph MOVE-IN-COUNTERS-ARRIVED is performed; and once again the paragraphs LAST-RTN through ALL-DONE are performed. The car number contained in the present record is then moved to the save area and control falls through to the following paragraph.

START-PROCESS causes an edit to be performed on the field that indicates how the call was received, and if failed, control returns to the beginning of the paragraph entitled READ-FILE. otherwise control falls through to the following paragraph.

CHECK-TYPE causes a subscriptor to be loaded with the correct value based upon the call classification code contained in each record read.

ADD-INC causes one of the subscripted counters to be incremented based upon the subscriptor set in the previous paragraph.

TIMES-IN, CHECK-CLR, CHECK-AR. These three paragraphs cause the appropriate value to be moved to a subscriptor based upon the time the call was sent, time the call was cleared and time the car arrived at the scene.

ADD-TOAL, ADDTOONEAREA, ADDTOTWOAREAS, CHECK-INTIME. These four paragraphs combine to calculate the amount of time between when the car was sent to when it arrived, and from when the car was sent to when it cleared from the call. These calculated times are then moved to the various subscriptors which are used in the following paragraph to increment the correct location in the appropriate tables.

ADD-TO-SUBSCRIPTS causes the tables to be incremented based upon all of the previous set subscriptors.

TIMES-OUT moves zeros to the various subscriptors, and control is returned to the paragraph entitled READ-FILE.

LAST-RTN, MOVE-ZEROS, PRINT-PAGE, DECIMAL-PLACE, MARK-AVERAGE, ADD-ZEROS, ADD-MAIN-ONLY, ALL-DONE. These eight paragraphs comprise a performed routine which is executed in the paragraph entitled COMPARE-CARS. These eight paragraphs combine to ultimately move the collected subscripted counts on each individual car to the print area and then cause the listing to be printed. Included in these paragraphs is the performance of the various header routines, the moving in of a meaningful literal to indicate the type of incident, and the calculation of the various times used during the execution of a call. The listing that is printed is broken into two major categories: A. Time sent to time cleared by individual car number. B. Time sent to time arrived by each individual car number. Both of these listings are identical in format

PROGRAMMING DOCUMENTATION

and are broken down by type of incident vertically and into four-hour increments horizontally. The four-hour increments are from Midnight until 4:00 A.M., 4:00 A.M. until 8:00 A.M., 8:00 A.M. until Noon, etc. Within each four-hour increment are the number of incidents occurring for each car, the total time taken during the month for each type of incident, and the average time for each call in minutes for each type of incident. There are also total lines for each listing category.

HEADER is the paragraph that is performed at other locations within the program and its function is to print the necessary header lines at the top of each page of the listing.

EOJ is branched to when the last record on the input tape has been processed. It causes the paragraphs entitled LAST-RTN through ALL-DONE to be performed so that the listing for the last car contained on the tape is printed.

MOVE-IN-ARRIVED, MOVE-IN-COUNTERS-ARRIVED. These two paragraphs are performed in the paragraph entitled COMPARE-CARS and their function is to move the correct counts from two of the previously built subscripted tables to the print area.

NOT-COMPLETELY-CONTINUED, MOVE-T-TOTAL, MOVE-T-INC, MOVE-ARR-T, MOVE-ARR-T-CTR. These paragraphs are executed only one time in this program in conjunction with the end-of-job paragraph. The function is to format and print a complete list of totals for the entire Kansas City, Missouri Police Department during a one-month period. The last paragraph causes the input and output files to be closed and a normal end-of-job message to be displayed upon the console.

(1) External sort of input tape to car number sequence.

(2) Open files, zero tables, clear work areas, accept date, general housekeeping.

(3) Good record?

(4) Same car?

(5) Move 'Time Sent' tables to print area.

(6) Print 'Time Sent' table.

(7) Move 'Time Arrived' tables to print area.

(8) Print 'Time Arrived' table.

(9) Pass additional edits?

(10) Save car number, zero tables.

(11) At end?

DESCRIPTION OF COMPUTER REPORT OR LISTING

☐ NEW   ☐ REVISION—SHOW WHY IN 'COMMENTS'

DATE	ID NO.

TITLE OF REPORT OR LISTING

CAR NUMBER WORK LOAD - CE008L1

PURPOSE OR FUNCTION IT SERVES

THIS REPORT IS DESIGNED TO PROVIDE BY HOURLY BREAKDOWN THE PATROL TIME
DEDICATED TO HANDLING PARTICULAR TYPES OF INCIDENTS.

ORIGINATES FROM (SHOW COMPUTER RUN AND/OR MAIN FILE FROM WHICH DATA IS DEVELOPED AND
SPAN OF TIME COVERED OR AGE OF DATA)

THIS INFORMATION IS EXTRACTED FROM THE MONTHLY DISPATCH STATISTICAL
TAPE - CE000T1.

NO. COPIES | FREQUENCY ISSUED

☐ DAILY   ☐ WEEKLY   ☒ MONTHLY   ☐

DESIGN FORMAT APPROVED BY | DATE | RELEASE PERIOD

COPY DISTRIBUTION

	SENT TO	RETENTION	DISPOSITION
1	ORIGINATING AGENCY (3)		
2	FILE (1)		
3			
4			
5			
6			

COMMENTS

CE008L1

DETAILED EXPLANATION OF DATA (WHEN PRINTED CAPTIONS
ARE NOT SELF EXPLANATORY)

CE008L1 PROVIDES TWO TABLE LISTINGS FOR EACH
PATROL CAR NUMBER. THE FIRST TABLE REPRE-
SENTS TIME CONSIDERATIONS OF THE DIFFERENCE
BETWEEN THE TIME THE CAR WAS SENT TO THE CALL
AND THE TIME THE CAR CLEARED THE CALL. THE
SECOND TABLE REPRESENTS THE DIFFERENCE BE-
TWEEN THE TIME THE CAR WAS SENT TO THE CALL
AND THE TIME THE CAR ARRIVED AT THE SCENE.

EACH TABLE IS STRUCTURED WITH TYPES OF IN-
CIDENTS LISTED VERTICALLY AND HORIZONTALLY,
THE TOTAL NUMBER OF INCIDENTS FOLLOWED BY
THE NUMBER OF INCIDENTS, TIME EXPENDED, AND
AVERAGE TIME IN MINUTES FOR EACH OF SIX FOUR-
HOUR PERIODS.

CONTINUE ON REVERSE SIDE

KANSAS CITY POLICE DEPARTMENT
CAR NUMBER WORK LOAD

TIME SENT TO TIME ARRIVED
CAR NO. 1112

PAGE 1

TYPE INCIDENTS	TOTAL NO OF INCIDENTS	0000-0399 HRS NO. OF INC.	TIME (MIN)	AVG. TIME (MIN)	0400-0799 HRS NO. OF INC.	TIME (MIN)	AVG. TIME (MIN)	0800-1199 HRS NO. OF INC.	TIME (MIN)	AVG. TIME (MIN)	1200-1599 HRS NO. OF INC.	TIME (MIN)	AVG. TIME (MIN)	1600-1999 HRS NO. OF INC.	TIME (MIN)	AVG. TIME (MIN)	2000-2399 HRS NO. OF INC.	TIME (MIN)	AVG. TIME (MIN)
NON-RESIDENCE BURGLARY	1	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
LARCENY OR ATTEMPT	2	1	240.0	240.0	1	0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
STOLEN OR ATTEMPT	1	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
PERSON DOWN	1	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
INTOXICATED PERSON	1	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0
DISTURBANCE	10	8	240.0	30.0	2	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
NOISE	1	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
DISPERSE GROUP	1	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
TRAFFIC CONDITIONS	1	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
ACCIDENT REPORT	6	1	.0	.0	3	480.0	160.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
HOLDUP ALARM	1	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
BURGLAR ALARM	7	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
OTHER ALARM	3	1	.0	.0	2	240.0	120.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
PERSON	3	2	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
PROWLER	4	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
CAR PROWLER	1	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
OCCUPANT, PARKED CAR	2	0	.0	.0	2	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
INVEST. NEED FOR AMBUL	3	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
BUILDING CHECK	13	8	480.0	60.0	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
CAR CHECK	22	18	240.0	13.3	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	2	6.6	3.3
PEDESTRIAN CHECK	6	3	.0	.0	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
BOMB OR EXPLOSIVE	1	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
OTHER MISC. INCIDENT	2	2	240.0	120.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
TOTALS	93	59	1440.0	24.4	24	720.0	30.0	1	.0	.0	0	.0	.0	0	.0	.0	3	6.6	2.2

TIME SENT TO TIME CLEAR
CAR NO. 1113

PAGE 1

TYPE INCIDENT	TOTAL NO OF INCIDENTS	0000-0399 HRS NO. OF INC.	TIME (HR)	AVG. TIME (MIN)	0400-0799 HRS NO. OF INC.	TIME (HR)	AVG. TIME (MIN)	0800-1199 HRS NO. OF INC.	TIME (HR)	AVG. TIME (MIN)	1200-1599 HRS NO. OF INC.	TIME (HR)	AVG. TIME (MIN)	1600-1999 HRS NO. OF INC.	TIME (HR)	AVG. TIME (MIN)	2000-2399 HRS NO. OF INC.	TIME (HR)	AVG. TIME (MIN)
ROBBERY OR ATTEMPT	1	1	.8	49.2	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
STRONGARM OR ATTEMPT	1	1	.4	25.8	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
CUTTING	1	0	.0	.0	1	.1	10.8	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
OTHER ASSAULT	1	1	1.3	82.2	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
RESIDENCE BURGLARY	2	0	.0	.0	2	1.8	56.4	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
LARCENY OR ATTEMPT	1	0	.0	.0	1	.4	25.8	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
STOLEN OR ATTEMPT	1	1	.2	12.6	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
RECOVERED PROPERTY	1	1	1.1	67.2	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
OPEN DOOR OR WINDOW	1	1	.1	7.2	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
PERSON DOWN	5	5	1.4	17.8	0	.3	21.6	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
DISTURBANCE	22	14	5.0	21.8	5	1.6	19.3	0	.0	4.8	0	.0	.0	0	.0	.0	0	.0	.0
INVESTIGATE TROUBLE	1	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	2	.2	6.9
MENTAL	1	1	.9	54.0	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	4.8
NOISE	3	2	.2	6.3	1	.4	24.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

INDEX NUMBER
CE008-07

PROGRAM TITLE: ROBBERY AND BURGLARY ALARMS

DATE OPERATIONAL: January 16, 1973

PURPOSE: To produce a report of robbery and burglary alarms in sequence
by address, date, time, type of alarm, and disposition.

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

I. PROGRAM NARRATIVE

Input to this program is the monthly dispatch statistical tape (CEØØØT1) and output is a multi-page listing. The input tape is read, edited, and those records that pass the edits have the necessary data taken from them which is formatted and released to the Sort. After the entire input tape has been exhaused, the records are sorted by time of day within address using street name as the major Sort. Upon return from the Sort, the records are moved to the print area and a listing is printed.

II. DETAILED DESCRIPTION

The Sort file is initiated.

FIND-SORT-RECS simply opens the input file and accepts a control card containing the correct run date.

READ-TAPE reads the input tape and at end control is transferred to the paragraph entitled FIND-RECS-EXIT. This paragraph also performs various edits on each record pertaining to originating agency code, call classification, disposition, and time. Upon failing any of the various edits, control is returned to the beginning of the paragraph. Otherwise, control falls through to the following paragraph.

DATE-CK causes various edit characters such as slashes, colons, etc. to be moved to the Sort record.

SUB-COMPANY moves a meaningful literal to the Sort record based upon the alarm code encountered. This paragraph also causes the Sort record to be released and control is returned to READ-TAPE.

FIND-RECS-EXIT is the paragraph branched to when the entire input tape has been read and it causes the input tape to be closed, and the Sort to be activated. The records are then sorted by minute within hour within day within street number within direction within street name. Upon completion of the Sort, control falls through to the following paragraph.

WRITE-REPORT opens the output printer, and moves necessary header information to the header line. The paragraph entitled HEADERS is then performed.

GET-SORTED returns the records from the Sort and performs an edit routine which checks to see that duplicate records will not be printed. If this case arises, control returns to the beginning of the paragraph. Otherwise, control falls through to the following paragraph.

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

PRINT-IT causes the Sort record to be printed on the listing and at the appropriate time the paragraph entitled HEADERS is performed. Control is transferred from this paragraph to the beginning of the paragraph entitled GET-SORTED.

HEADERS is a performed paragraph which simply causes the correct header information to be printed at the top of each page of the listing.

REPORT-EXIT is the paragraph that is branched to when the last record has been returned from the Sort, and it causes the output file to be closed, the number of records sorted and the number of records printed to be displayed upon the console, and a normal end-of-job message to be displayed upon the console.

FLOWCHART

Page ___ of ___

DESCRIPTION
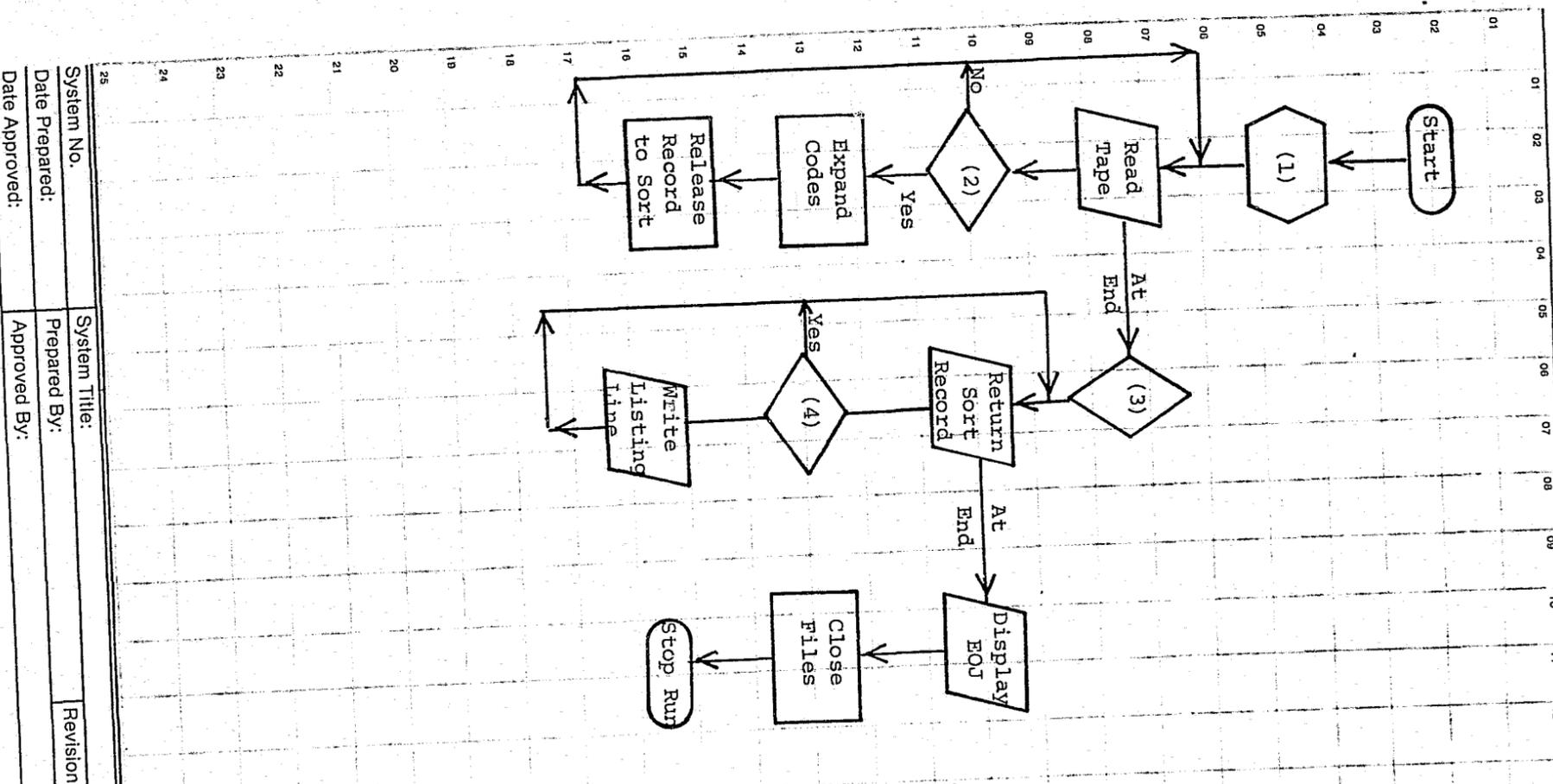
(1) Open files, initiate Sott clear work areas, general housekeeping.

(2) Good record?

(3) Sort by minutes within hour within day within street number within direction within street name.

(4) Duplicate record?

Flowchart:

Start → (1) → Read Tape → (2)
- (2) Yes → Expand Codes → Release Record to Sort
- (2) No → (loop back)
- Read Tape At End → (3)
- (3) Return Sort Record → (4)
  - (4) Yes → Write Listing Tape
- Return Sort Record At End → Display EOJ → Close Files → Stop Run

System No.

System Title:

Date Prepared: | Prepared By: | Revision Date:

Date Approved: | Approved By: | Revised By:

☐ NEW ☐ REVISION—SHOW WHY IN 'COMMENTS'

TITLE OF REPORT OR LISTING

REPORT OF AUTOMATIC ALARMS - CE011L1

PURPOSE OR FUNCTION IT SERVES

THIS REPORT IS DESIGNED TO PROVIDE POLICE ADMINISTRATORS WITH INFORMATION REGARDING AUTOMATIC ROBBERY AND BURGLARY ALARMS ACTIVATED DURING THE REPORT PERIOD.

ORIGINATES FROM (SHOW COMPUTER RUN AND/OR MAIN FILE FROM WHICH DATA IS DEVELOPED AND SPAN OF TIME COVERED OR AGE OF DATA)

THIS INFORMATION IS EXTRACTED FROM THE MONTHLY DISPATCH STATISTICAL TAPE - CE000T1.

NO. COPIES	FREQUENCY ISSUED
	☐ DAILY ☐ WEEKLY ☒ MONTHLY ☐

DESIGN FORMAT APPROVED BY	DATE	RELEASE PERIOD

COPY DISTRIBUTION

	SENT TO	RETENTION	DISPOSITION
1	ORIGINATING AGENCY (3)		
2	FILE (1)		
3			
4			
5			
6			

COMMENTS

DETAILED EXPLANATION OF DATA (WHEN PRINTED CAPTIONS ARE NOT SELF EXPLANATORY)

CE011L1 IS PRINTED IN ADDRESS SEQUENCE.

HORIZONTAL HEADINGS ARE AS FOLLOWS:

1. ADDRESS OF OCCURRENCE.
2. BUSINESS NAME.
3. ALARM COMPANY.
4. DATE OF OCCURRENCE.
5. TIME OF OCCURRENCE.
6. TYPE OF ALARM
7. DISPOSITION (H.B.O. MEANS HANDLED BY OFFICER).
8. DISPATCHER NUMBER.

CONTINUE ON REVERSE SIDE

KANSAS CITY MISSOURI POLICE DEPARTMENT   JANUARY   1973

ADDRESS OF OCCURRENCE			BUSINESS NAME	ALARM COMPANY	DATE SENT	TIME	TYPE	DISP	DSP #
INDEPENDEN AV	R█N	BD S	U█CE	U█W	01/01/73	14:14	OUTSIDE	H.B.O.	2800
2█2	B█N	BD S	R█CE	U█W	01/09/73	07:92	OUTSIDE	H.B.O.	0721
3█0	B█N	BD S	L█HOOL	G█S█ALARM	01/17/73	20:15	DIRECT	H.B.O.	2953
4█5 ST	B█N	BD S	L█N CHU	A█L	01/04/73	09:05	DIRECT	H.B.O.	1119
4█ ST	B█N	BD S	U█	U█W	01/26/73	03:55	OUTSIDE	H.B.O.	3034
5█5 ST	B█N	BD S	U█	U█W	01/22/73	03:32	OUTSIDE	H.B.O.	2527
6█6	B█N	BD S	W█S RES█CE	U█W	01/07/73	08:84	PHONE	H.B.O.	3319
5█1	B█NGHAM RD NE		K█MINAL█VATOR	S█RMS	01/20/73	17:22	DIRECT	H.B.O.	1732
3█1	B█ PW E		S█ ATLA	U█	01/07/73	08:52	DIRECT	H.B.O.	1019
3█1	B█ PW E		S█	A█L	01/22/73	07:18	DIRECT	H.B.O.	5500
3█1	B█ PW E		S█ ATLA	A█L	01/29/73	05:20	DIRECT	H.B.O.	0052
3█1	B█ PW E		S█ ATLA	A█L	01/31/73	07:98	DIRECT	H.B.O.	0007
5█0	B█ PW E		F█SIDEN	A█C█ENTRY█TEMS	01/10/73	20:05	PHONE	H.B.O.	80TS
3█5	B█ PW S		U█	D█TRIC█ECTION	01/17/73	19:88	DIRECT	H.B.O.	2500
3█1	B█ PW S		S█ ATLA█	A█L	01/03/73	07:34	DIRECT	H.B.O.	1046
5█0	B█ PW S		B█SALES	A█L	01/03/73	17:82	DIRECT	H.B.O.	1653
4█2	B█ BANKS RD S		M█AN A█LL SHOP	D█TRIC█ECTION	01/26/73	16:76	DIRECT	H.B.O.	0617
1█52	B█RIDGE ET S		U█	U█W	01/04/73	20:28	OUTSIDE	H.B.O.	4526
1█16	B█RIDGE BD S		R█LOUN█	M█E█ARM	01/07/73	16:82	DIRECT	H.B.O.	1232
4█0	B█RIDGE BD S		U█AR	U█W	01/04/73	11:38	DIRECT	H.B.O.	0021
4█0	B█RIDGE BD S		B█N APP█Y	P█C█D SECU█Y	01/06/73	04:96	DIRECT	H.B.O.	0025
4█0	B█RIDGE BD S		T█ANK	U█W	01/06/73	07:76	DIRECT	H.B.O.	1033
4█0	B█RIDGE BD S		B█DGE █	U█W	01/07/73	10:32	DIRECT	H.B.O.	2800
4█0	B█RIDGE BD S		T█ANK	U█W	01/07/73	18:22	DIRECT	H.B.O.	0800
4█0	B█RIDGE BD S		O█DRED█FP	U█W	01/08/73	08:05	DIRECT	H.B.O.	2800
4█0	B█RIDGE BD S		B█DGE █	U█W	01/17/73	08:80	DIRECT	H.B.O.	1900
4█0	B█RIDGE BD S		B█DGE █	U█W	01/17/73	13:36	DIRECT	H.B.O.	5400
4█0	B█RIDGE BD S		J█	A█L	01/18/73	09:18	DIRECT	H.B.O.	3300
4█0	B█RIDGE BD S		H█DS	M█E█ARM	01/19/73	16:52	DIRECT	H.B.O.	0023
4█0	B█RIDGE BD S		U█	U█W	01/19/73	17:08	DIRECT	H.B.O.	1608
4█0	B█RIDGE BD S		J█NEYS█RE	M█R█E CO.	01/23/73	15:15	DIRECT	H.B.O.	0012
4█0	B█RIDGE BD S		M█ERY█	A█L	01/26/73	23:10	DIRECT	H.B.O.	3034
4█0	B█RIDGE BD S		T█	U█W	01/30/73	07:52	DIRECT	H.B.O.	4835
4█0	B█RIDGE BD S		T█ANK	U█W	01/30/73	08:86	DIRECT	H.B.O.	2100
4█0	B█RIDGE BD S		T█ANK	D█NC.	01/30/73	10:45	DIRECT	H.B.O.	2100
4█7	B█RIDGE BD S		F█EDER█	D█TRIC█ECTION	01/31/73	08:52	DIRECT	H.B.O.	0021
4█7	B█RIDGE BD S		F█EDER█AVINGS	A█L	01/08/73	11:24	DIRECT	H.B.O.	5528
4█0	B█RIDGE BD S		C█NOS█ET	D█TRIC█ECTION	01/23/73	23:48	DIRECT	H.B.O.	1300
8█ ST	B█RIDGE BD S		U█	U█W	01/24/73	04:56	DIRECT	H.B.O.	2736
8█ ST	B█RIDGE BD S		F█D HOM█AVINGS	U█W	01/15/73	05:15	DIRECT	H.B.O.	1300
8█4	B█RIDGE BD S		M█STOR█	P█C█ SECU█	01/15/73	19:36	DIRECT	H.B.O.	1800
8█0	B█RIDGE BD S		T█Y	A█L	01/23/73	10:14	DIRECT	H.B.O.	4611
8█0	B█RIDGE BD S		T█Y	A█L	01/03/73	00:56	DIRECT	H.B.O.	4700
9█ ST	B█RIDGE BD S		U█	A█L	01/16/73	05:05	DIRECT	H.B.O.	5126
9█0	B█RIDGE BD S		B█ER B█	U█W	01/28/73	05:98	DIRECT	H.B.O.	4000
9█0	B█RIDGE BD S		U█	U█W	01/02/73	06:90	DIRECT	H.B.O.	4800
9█0	B█RIDGE BD S		U█	U█W	01/03/73	16:60	DIRECT	H.B.O.	3618
9█0	B█RIDGE BD S		B█ER B█	U█W	01/08/73	15:08	DIRECT	H.B.O.	5600
					01/08/73	15:14	DIRECT	H.B.O.	5600
					01/12/73	19:86	DIRECT	H.B.O.	2900

PROGRAMMING DOCUMENTATION

PROGRAM TITLE: ALARM CALL STATISTICS

DATE OPERATIONAL: January 16, 1973

PURPOSE: To produce a monthly report of alarm statistics for the current
month and year-to-date by alarm manufacturer.

SECTION	DISPATCH PROGRAMS	
DATE ISSUED	January 16, 1973	DATE REVISED

I. PROGRAM NARRATIVE

Input to this program is the year-to-date dispatch statistical tape (CEØØ1T1) and the output is a multi-page listing. The input tape is read, edited, and those records that pass the edits are released to the Sort. After the entire input tape has been exhausted, the records are sorted by time within address. Upon return from the Sort, various counts are stored in a table by alarm company until all Sort records have been returned. Statistics are then computed and a line formatted and printed for each alarm company in the table.

II. DETAILED DESCRIPTION

A control card is accepted containing a control date and the date is moved to a header field.

Ø-TOTALS. The statistical table is initialized by entering zeros in all count fields. The Sort file is then initiated.

INPUT-PROCEDURE. The input file is opened.

READ-TAPEIN. The input tape is read and at end of file control is transferred to the paragraph entitled INPUT-PROCEDURE-END. If the record indicates an alarm dispatch, the record is released to the Sort and control returns to the beginning of the paragraph. If the record is not released to the Sort, control still returns to the beginning of this paragraph.

INPUT-PROCEDURE-END. This paragraph closes the input tape file and causes the Sort to be activated. The file is sorted by time within day within address - the street name being the primary Sort key.

OUTPUT-PROCEDURE. The records are returned from the Sort and at end of file control is transferred to the procedure entitled BUILD-REPORT. If the record is a duplicate of a previously returned record, control is returned to OUTPUT-PROCEDURE. Otherwise control falls through to the following paragraph.

FIND-ALARM-CO. The address, date and time of the alarm dispatch just returned is moved to a save area for comparison to the next record returned from the Sort. Based on the alarm company and type call, subscripts are set for subsequent add to counts in the statistical table.

ADD-M-DISP, ADD-M-TOTAL, ADD-YEAR-TO-DATE, ADD-Y-DISP, ADD-Y-TOTAL. These paragraphs add counts to the appropriate table elements depending on alarm company, type call, type disposition, and month and/or year-to-date counters.

BUILD-REPORT. The output printer is opened.

HEADERS. This paragraph prints the report page headers.

NEXT-ALARM-COMPANY. The statistical counts for each alarm company are moved to a work area. The paragraphs COMPUTE-PERCENTAGES through COMPUTE-EXIT are performed. After formatting the alarm company name, the alarm company statistics are printed. A subscript is incremented by "1" to point to the next alarm company in the table. If all of the alarm companies in the table have been printed, control is transferred to the paragraph entitled PRINT-GRAND-TOTALS. Otherwise control is transferred to the paragraph entitled NEXT-ALARM-COMPANY.

COMPUTE-PERCENTAGES, COMPUTE-YEAR-PERCENTS, COMPUTE-DONE, COMPUTE-EXIT. These paragraphs combine to compute percentages for alarm calls by call classification and disposition for month and year-to-date counts.

PRINT-GRAND-TOTALS. Totals for all alarm companies reported on are printed. The printer is then closed and a message is displayed on the console indicating normal end-of-job.

FLOWCHART

DESCRIPTION
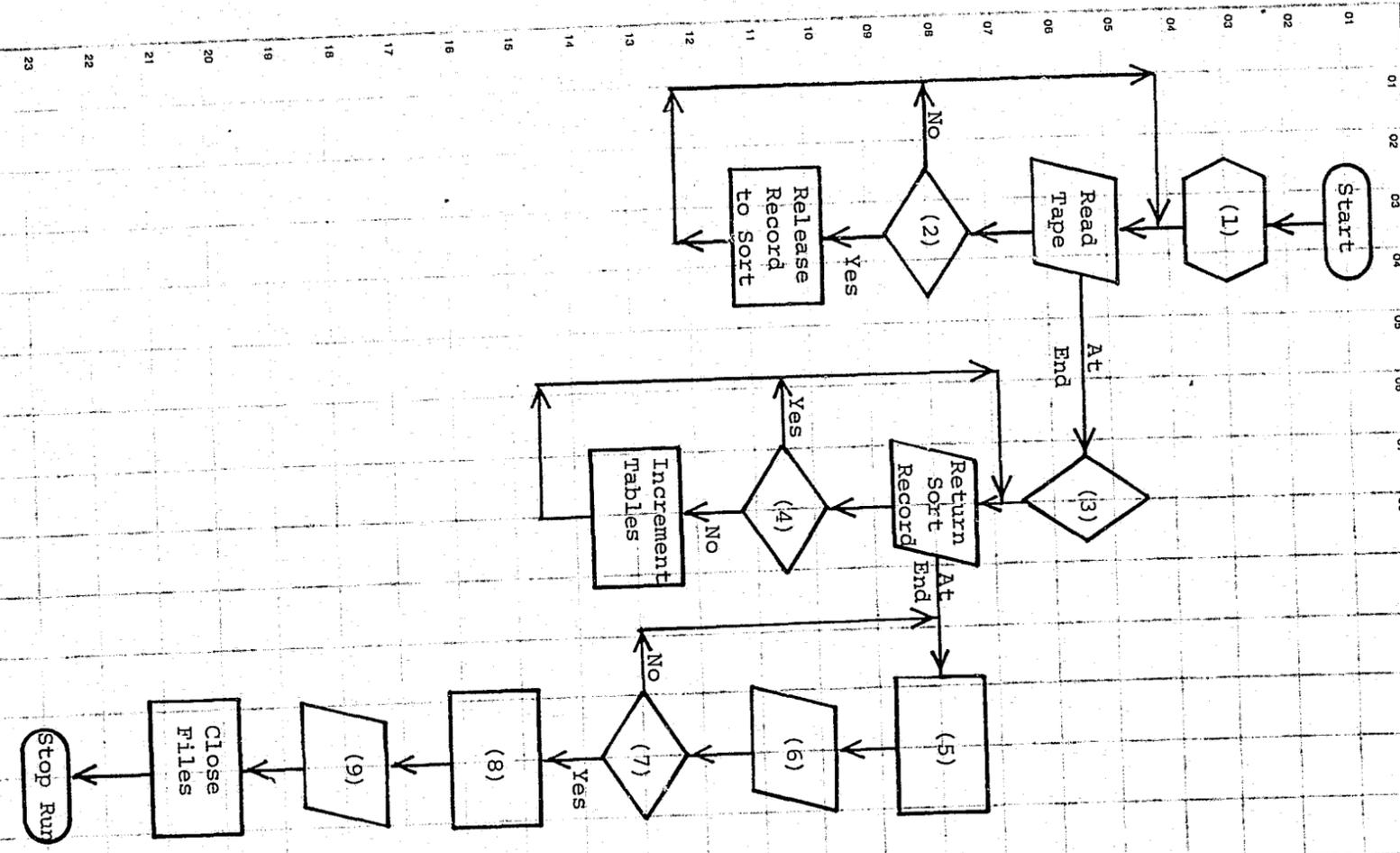
(1) Open files, accept control card, zero tables, initiate sort, general housekeeping.

(2) Alarm record?

(3) Sort by time within day within street name.

(4) Duplicate record?

(5) Compute Alarm company tables and format table output.

(6) Print Alarm company table.

(7) Last company?

(8) Compute and format grand totals.

(9) Print grand totals.

□ NEW   □ REVISION—SHOW WHY IN 'COMMENTS'

TITLE OF REPORT OR LISTING

ALARM STATISTICS - CEØ12L1

PURPOSE OR FUNCTION IT SERVES

TO PRODUCE A MONTHLY REPORT OF ALARM STATISTICS FOR THE CURRENT MONTH AND YEAR-TO-DATE BY ALARM MANUFACTURER.

ORIGINATES FROM (SHOW COMPUTER RUN AND/OR MAIN FILE FROM WHICH DATA IS DEVELOPED AND SPAN OF TIME COVERED OR AGE OF DATA)

THIS INFORMATION IS EXTRACTED FROM THE YEAR-TO-DATE DISPATCH STATISTICAL TAPE - CEØØ1T1.

NO. COPIES	FREQUENCY ISSUED			
	□ DAILY	□ WEEKLY	☒ MONTHLY	□
DESIGN FORMAT APPROVED BY		DATE	RELEASE PERIOD	

COPY DISTRIBUTION

	SENT TO	RETENTION	DISPOSITION
1	ORIGINATING AGENCY (3)		
2	FILE (1)		
3			
4			
5			
6			

COMMENTS

DETAILED EXPLANATION OF DATA (WHEN PRINTED CAPTIONS ARE NOT SELF EXPLANATORY)

VERTICAL HEADINGS ARE ALARM COMPANY MANUFACTURERS. HORIZONTALLY, THE FOLLOWING COLUMN HEADINGS ARE REPEATED FOR THE CURRENT MONTH AND YEAR-TO-DATE STATISTICS:

1. TOTAL ALARM REPORTS.

2. ALARM CALL CLASSIFICATION:

    a. DIRECT CONTACT FROM COMPANY.
    b. CONTACT FROM OUTSIDE PARTY.
    c. PHONE ALARM.

3. ALARM CALL DISPOSITION

    a. HANDLED BY OFFICER.
    b. CASE REPORT NUMBER ISSUED - REPORT TAKEN.

THE NUMBER OF EACH SUCH INCIDENTS IS DISPLAYED ALONG WITH THE PERCENTAGE THAT NUMBER REPRESENTS OF TOTAL CALLS.

CONTINUE ON REVERSE SIDE

COMPANY	STATISTICS FOR JULY 1973										YEAR TO DATE STATISTICS										
	TOTAL ALARM REPTS	DIRECT NUM	%	OUTSIDE NUM	%	PHONE NUM	%	H.B.O. NUM	%	CRN NUM	%	TOTAL ALARM REPTS	DIRECT NUM	%	OUTSIDE NUM	%	PHONE NUM	%	H.B.O. NUM	%	CRN NUM	%
A██ █ COMPANY	15	15	*	0	0	0	0	12	80	3	20	1204	1200	*	4	0	0	0	1142	95	62	5
A█ █ALA█	0	0	0	0	0	0	0	0	0	0	0	4	2	50	1	25	1	25	4	*	0	0
A█ █1 █RM	0	0	0	0	0	0	0	0	0	0	0	3	3	*	0	0	0	0	3	*	0	0
A█ █AT █ ALARM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A█ █O █RM	0	0	0	0	0	0	0	0	0	0	0	1	1	*	0	0	0	0	1	*	0	0
A█ █ND █ELECTRONICS	0	0	0	0	0	0	0	0	0	0	0	1	1	*	0	0	0	0	1	*	0	0
A█ █CA█ █IRE AND SECURITY	0	0	0	0	0	0	0	0	0	0	0	179	158	88	4	2	17	9	165	92	14	8
A█ █CA█ █ENTRY SYSTEMS	4	4	*	0	0	0	0	2	50	2	50	0	0	0	0	0	0	0	0	0	0	0
C█ █TA█ █TRUSION ALARM	0	0	0	0	0	0	0	0	0	0	0	1	1	*	0	0	0	0	1	*	0	0
C█ █AL█ █RE AND POLICE	0	0	0	0	0	0	0	0	0	0	0	68	39	57	3	4	26	38	68	*	0	0
C█ █RY█ █ARMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C█ █RD█ █YSTEMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C█ █A█ █T	0	0	0	0	0	0	0	0	0	0	0	1180	1176	*	2	0	2	0	1104	94	76	6
D█ █E█ █TRIC PROTECTION	34	34	*	0	0	0	0	30	88	4	12	0	0	0	0	0	0	0	0	0	0	0
D█ █GR█ █ SECURITY	0	0	0	0	0	0	0	0	0	0	0	13	13	*	0	0	0	0	13	*	0	0
D█ █AS█ █RM	0	0	0	0	0	0	0	0	0	0	0	12	10	83	0	0	2	17	12	*	0	0
D█ █LD█ █NC.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E█ █ W█ █ING ALARM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F█ █CI█ █HOUSE	0	0	0	0	0	0	0	0	0	0	0	283	261	92	5	2	17	6	244	86	39	14
G█ █SM█ █ALARM	10	9	90	0	0	1	10	8	80	2	20	0	0	0	0	0	0	0	0	0	0	0
H█ █WE█ █SECURITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I█ █C█ █ALARM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K█ █S█ █TECTIVE ALARM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K█ █I█ █USION ALARM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(ASTERISKS IN PERCENT COLUMNS DENOTE 100 %)

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

I. PROGRAM NARRATIVE

Input to this program is the ALERT daily log tape, a month-to-date daily statistical tape which is created by the previous day's run of this program, and a card reader. Output is an updated month-to-date dispatch statistical tape, and an error listing of daily log tape errors. The previous day's month-to-date statistical tape is read onto a scratch disk. The daily log tape information is read in, edited, formatted, and also written onto the scratch disk. The entire scratch disk information is then rewritten onto an updated month-to-date dispatch statistical tape.

Any ALERT log tape errors that are encountered are formatted line by line in input mask image and loaded into a Sort. The information is sorted line by line and a printout is produced that appears exactly as the information was originally entered on the CRT terminal. This listing is used by the terminal operators to re-enter the information and correct the errors.

II. DETAILED DESCRIPTION

The current date is accepted from the computer and moved to various save areas for later compare, and the Sort file is initiated.

BUILD-SORT opens the input card reader, and an I/O file that is used for looking up the correct census tract and block based upon the address contained in the log tape record. Also the scratch disk and the printer are opened as output.

READER-SETS-SWITCH. This paragraph is used to determine if this running of the program is the first one of the month. This is done by reading the card reader and if the at end option is taken during the first attempted read, control is transferred to the following paragraph. If an actual data card is read, it will contain a literal indicating that there will be no input dispatch statistical tape from the previous day's run of this program during this run of the program. If this occurs, a switch is set that will be checked in the following paragraph. Control falls through to the following paragraph.

CLOSE-READER closes the input card reader, opens the input ALERT log tape, and checks the switch that was set in the previous paragraph. If the switch has not been set in the previous paragraph control falls through to the following paragraph. Otherwise control is transferred to the paragraph entitled READ-LOG-DATA.

READ-STATISTICAL-DATA reads the prior day's month-to-date dispatch statistical tape and writes it onto the scratch disk. Control returns to the beginning of the paragraph until the last input record has been read and at that point the input tape is closed, the output tape is opened, and control is transferred to the following paragraph.

READ-LOG-DATA reads the daily log tape and when the last record has been encountered control is transferred to EOJ. A code is checked and the log record read to determine if it is a "header" type record and if so control falls through to the next paragraph, otherwise control is returned to the beginning of this paragraph.

CHECK-INQUIRY checks a code in the record to ascertain that it is in fact a dispatch type log entry, and if not control is returned to the beginning of the paragraph entitled READ-LOG-DATA. The remainder of this paragraph merely moves zeros and spaces to various work areas. Control falls through to the following paragraph.

READ-LOG-TAPE reads the log tape a second time and checks the record type to ascertain if it is a statistical type dispatch record or possibly another header type record. If another header record is encountered control is returned to the paragraph entitled CHECK-INQUIRY. A second field in the record is then checked to ascertain that the record is one of two valid statistical type records and if other than those control is returned to the paragraph entitled READ-LOG-DATA.

LOG-TO-STATISTICAL. Each ALERT log tape complement of records for the dispatch information should contain a header record and two dispatch statistical records. This paragraph checks to see that the first of the two statistical records has been read and if not an error message is displayed and control is returned to READ-LOG-TAPE. The remainder of this paragraph causes the dispatch data record date to be converted to a Julian date and edited.

FIND-YEAR, FIND-DAY-OF-WEEK, FINAL-DAY. These three paragraphs combine to edit the dispatch record date of occurrence to see that it corresponds correctly to the day of the week.

CLASS-CHECK, BEAT-RETT. These two paragraphs combine to edit various fields in the dispatch input record and move them to a save area to be later written on the scratch disk.
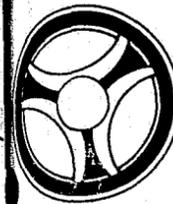
SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED
January 16, 1973

DATE REVISED

SPECIFIC-SECTOR, MOVE-IN-SECTOR. These paragraphs edit the date of occurrence and if the edit has failed control is passed to the paragraph entitled SECOND-READ. Otherwise control falls through to the following paragraph.

WRITE-STATISTICAL, TIME-SENT-TO-ARRIVED, CLEARANCE-AND-SENT, CK-TIME-SW. These four paragraphs combine to edit the various times that are entered on any dispatch statistical record that indicate the time the called-for service was received, the time the officer was dispatched to the scene, the time the officer arrived at the scene, and the time the officer cleared from the scene. Based upon the outcome of the edits in these paragraphs, various switches are set that are checked at a later point in the program.

SECOND-READ reads the input log tape a third time and control is transferred to the following paragraph.

SECOND-READ-CHECK checks various pre-set switches to determine whether or not the first statistical type record that has just been processed is valid. If the switches indicate that the record was not valid control is transferred to the paragraph entitled PRINT-BAD-RCD. If the record just read is another header type record control is transferred back to the paragraph entitled CHECK-INQUIRY. If the record type is a statistical type record but is not the second statistical type record, an error message is displayed and control is returned to the paragraph entitled READ-LOG-DATA.

CHECK-BURG checks a field in the second statistical record to determine if the dispatch record was related in any way to an alarm call. If not control is transferred to the paragraph entitled CREATE-NEW-RECORD-FOR-OTHER. If the call was in response to an alarm, various necessary fields are moved from the record to the scratch disk to be written at a later time.

WRITE-BUSINESS moves the necessary business name and alarm information to a save area to be printed at a later time.

CREATE-NEW-RECORD-FOR-OTHER, MOVE-INTO-FIELDS, CHECK-OTHER-ASSIST, CHECK-ASSISTS3-4 combine to accumulate any information concerning assisting cars and move them to the save area. These three paragraphs also cause all of the previously saved dispatch information to be moved from the formatted save areas to the scratch disk and written. Control is returned to the paragraph entitled MOVE-INTO-FIELDS as long as there is more information to be moved to the disk and written. At that point control is returned to the paragraph entitled SECOND-READ.

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DISPATCH PROGRAMS

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FIND-SECTOR, READ-IN-FIRST-ADDR, READ-SEQUENTIALLY, BAD-RECORD, CONVERT-FROM-INTERSECTION, MOVE-FROM-FILE, FIND-SECTOR-EXIT. These paragraphs are performed from the paragraph entitled CLASS-CHECK, and the function is to use the address contained in the statistical record to build a key and read an on-line disk resident census tract and block file. The result is when the correct address record is found the corresponding census tract and block numbers are moved from that record to the scratch disk output area to be written at a later time in the program.

PRINT-BAD-RCD is the paragraph that is branched to from several places throughout this program where error switches have been checked and indicate invalid or erroneous data. This paragraph and the following three paragraphs (SET-UP-MASK, RELEASE-2260, MOVE-IN-EACH) combine to set up the error dispatch data in the "mask" form exactly as it was entered on the CRT. These error lines are released to the Sort so that upon return from the Sort a listing will be printed that looks exactly like the input mask as it appeared when the operator entered the original dispatch information. The fields that are in error will be listed on the same page and this listing will be used by the terminal operators to correct the erroneous data by re-entering it on a 2260-CRT. Control is then returned to the paragraph entitled CHECK-INQUIRY.

The above paragraphs from READ-LOG-DATA through the previous paragraph are repeated and all the information is loaded onto the scratch disk until the last input record is read from the log tape. At that point control is transferred to the following paragraph.

EOJ closes the scratch disk as output and re-opens it as input.

READ-FROM-DISK reads the scratch disk into a work area and at end transfers control to the paragraph entitled DISPLAY-TOTALS. The output statistical tape is then written from the disk work area and control returns to the beginning of this paragraph until the entire disk has been dumped onto the output tape.

DISPLAY-TOTALS closes the output tape and the input disk, and displays several counts of the number of records read and written that have been accumulated at various points throughout this program. Control is then transferred from this paragraph to the following paragraph.

INPUT-EXIT is the paragraph that exits from the input portion of this program and causes the Sort to be activated. The Sort records are then
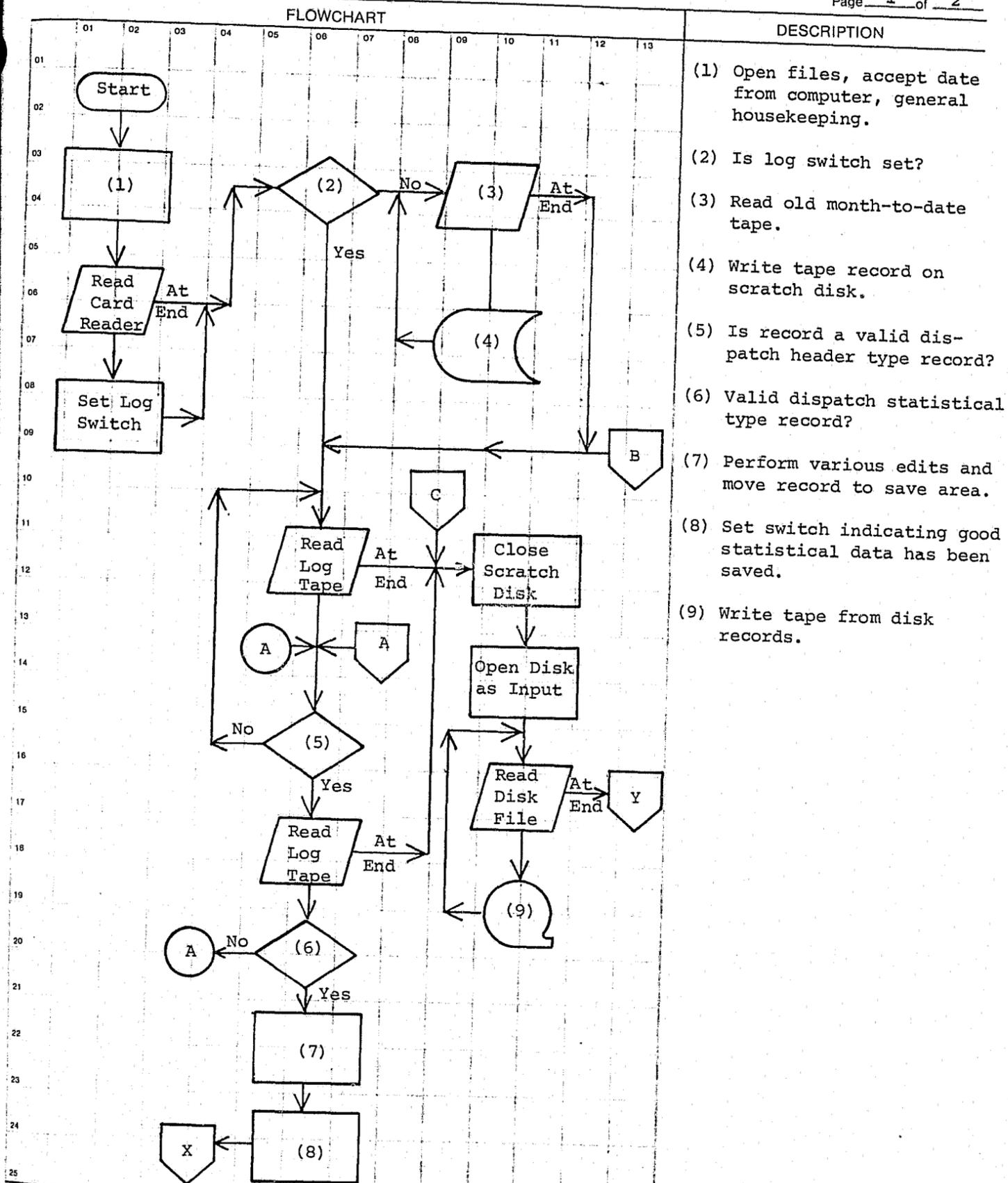
sorted by mask line within mask grouping within originating agency code. Upon return from the Sort control is transferred to the following paragraph.
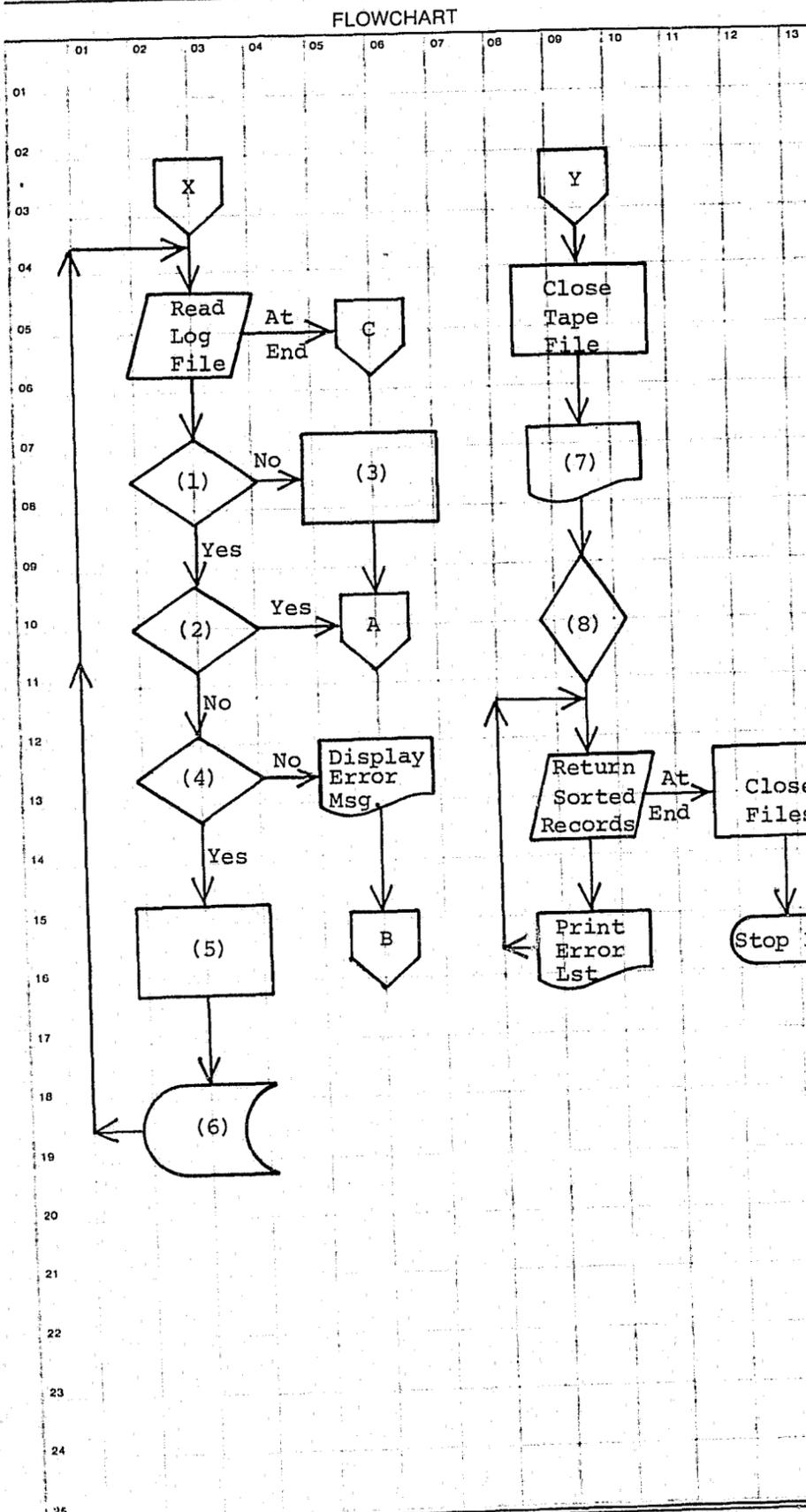
WRITE-MASKS returns the sorted records, moves them to a print area, and prints the error listing in mask image. This paragraph is repeated until the last record has been returned from the Sort and at that point control is transferred to a paragraph entitled OUTPUT-EXIT.

HEADERS-NOW is a performed paragraph that merely puts the correct heading information at the top of each page of the listing.

OUTPUT-EXIT causes the remaining open files to be closed and a normal end-of-job message displayed upon the console.

SYSTEM FLOW CHART

Page 1 of 2

FLOWCHART

DESCRIPTION

(1) Open files, accept date from computer, general housekeeping.

(2) Is log switch set?

(3) Read old month-to-date tape.

(4) Write tape record on scratch disk.

(5) Is record a valid dispatch header type record?

(6) Valid dispatch statistical type record?

(7) Perform various edits and move record to save area.

(8) Set switch indicating good statistical data has been saved.

(9) Write tape from disk records.

System No.	System Title:		
Date Prepared:	Prepared By:		
Date Approved:	Approved By:	Revision Date:	Revised By:

FLOWCHART

DESCRIPTION

(1) Does switch indicate good information from first statistical has been saved?

(2) Is present record another header type?

(3) Format error lines and release to Sort in "mask" image.

(4) Is record the second type of statistical record?

(5) Move all necessary data from both statistical records to disk area.

(6) Write scratch disk record.

(7) Display various record counts.

(8) Execute Sort by mask line within mask grouping within ORI code.

System No.

System Title:

Date Prepared: **Prepared By:**

Revision Date: **Revised By:**

Date Approved: **Approved By:**

INDEX NUMBER
CEØ19-Ø8

E D P RECORD LAYOUT

MONTH-TO-DATE DISPATCH STATISTICAL TAPE – CEØ19TI

STATISTICAL TAPE DATA RECORD 1

STATISTICAL TAPE DATA RECORD 2

ORI (Proposed 9 Digit ORI)

CRN

INDEX NUMBER
CEØ19-Ø9

1. (7-69)

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

PROGRAM TITLE: CREATE QUARTERLY DISPATCH TAPE

DATE OPERATIONAL: January 16, 1973

PURPOSE: This program reads the year-to-date dispatch tape and creates a quarterly dispatch tape for use as input to other dispatch report programs.

E D P RECORD LAYOUT

LOG TAPE –

TYPE 1 RECORD

- RECORD TYPE '1'
- INPUT LENGTH
- LINE CONTROL TRANSACTION #
- TIME INTO SYSTEM
- TIME OUT OF SYSTEM
- TERMINAL CONTROL BLOCK ADDRESS
- INQUIRY CODE
- LOGGING TYPE
- JULIAN DATE
- LOGGING PAGE # (PACKED)
- PROCESSOR CODE
- ORIG. PROCESSOR RADIO NUMBER
- SOURCE DATA BTCH
- TRANSACTION NUMBER
- FASTER LENGTH
- FILLER
- TERMINAL I.D.
- FILLER

TYPE 2 RECORD

- RECORD TYPE '2'
- VARIABLE DATA: CAN CONTAIN ANY ALERT TRANSACTION OR MESSAGE

INDEX NUMBER CE019-1

PROGRAMMING DOCUMENTATION

DATE ISSUED	DATE REVISED
January 16, 1973	

I. PROGRAM NARRATIVE

Input to this program is the year-to-date dispatch statistical tape (CEØØlTl) and the output is a quarterly dispatch tape. The input tape is read, and the date contained in each record is compared against date parameters on a control card to see if the record will be accepted. If so, the record is moved to the output area and the output tape is written. This process is continued until the entire input tape has been exhausted at which time the job ends.
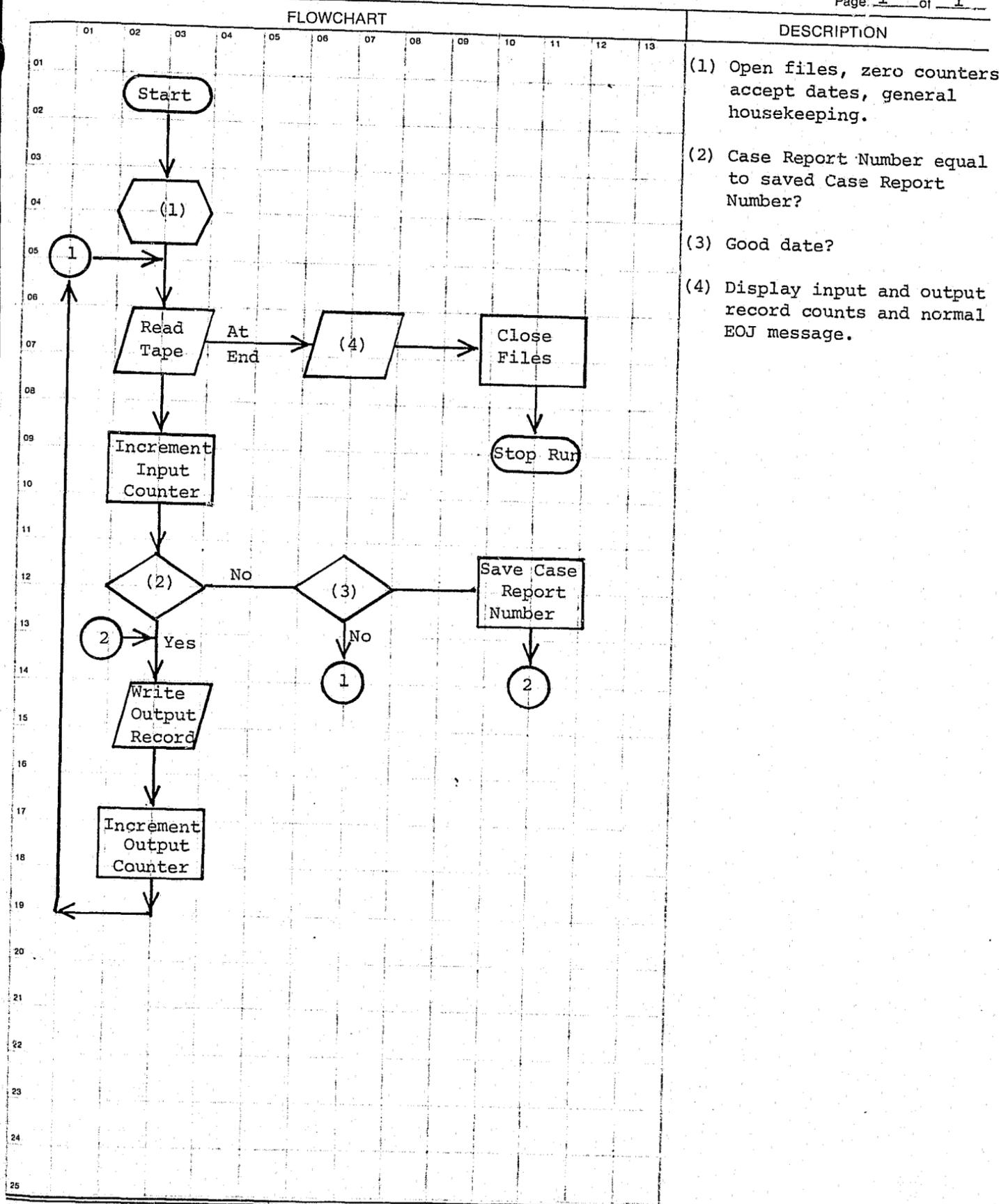
II. DETAILED DESCRIPTION

The input and output files are opened, and a control card containing the necessary date parameters is accepted.

FIRST-READ reads the input tape and at end transfers control to CLOSE-UP. The input record counter is incremented, and the case report number in the input record is compared against a save case report number area. If they are equal, control is transferred directly to the following paragraph. If they are not equal, a compare is made between the date contained in the record and date parameters contained on the control card. If the date is not acceptable, control is transferred back to the beginning of the paragraph. Otherwise the case report number is moved to a save area and control then falls through to the following paragraph.

WRITE-QRT writes the output tape from the input record, increments the output record counter, and transfers control back to the beginning of the paragraph entitled FIRST-READ.

> The reason a case report number compare is made against the save area in the paragraph entitled FIRST-READ is to ascertain if there is any additional information about any single dispatch call. In other words, if there is more than one car dispatched to any police incident, a record is created for the additional cars identical to that of the first car with the exception of the car number. These records must all be accounted for and the case report numbers will be the same on all related records. Therefore, if the case report number contained in the present record is equal to that of the previous record, it is immediately written on the output tape.

CLOSE-UP is the end paragraph in this program and its function is to close the input and output files, display the number of records read against the number of records written on the printer, and a normal end-of job message upon the console.

SYSTEM FLOW CHART

FLOWCHART

DESCRIPTION

(1) Open files, zero counters, accept dates, general housekeeping.

(2) Case Report Number equal to saved Case Report Number?

(3) Good date?

(4) Display input and output record counts and normal EOJ message.

System No.	System Title:		
Date Prepared:	Prepared By:	Revision Date:	Revised By:
Date Approved:	Approved By:		

E D P RECORD LAYOUT

STATISTICAL TAPE DATA RECORD 1

ORI (Proposed 9 Digit ORI)	CRN	Car and Beat Info.			Call Info.			How Disposed	Disposition	Time Info.				Date			Day of Week	Address Info.										Census				RPT DT
		First Car	Car No.	Beat Occ.	Rept. Car	Orig. Call	Re-class Call			Time Recd.	Time Sent	Time Arrvd	Time Clear	Month	Day	Year		Actual Address						Addr. Type		Track	Block	Sector	RCD Type = "1"		
																		Addr. No.	Filler	Street Name	SufDir											
																		Intersection Address													
																		E W Street Name	Suf	N S Street Name	SufDir										

STATISTICAL TAPE DATA RECORD 2

ORI (Proposed 9 Digit ORI)	CRN	Date	Time Sent	Orig. Call Class	Disposition	Business Name (If Orig. call classification 1400 series)	Address Info.								Census				RPT DT
							Actual Address						Addr. Type		Track	Block	Sector	RCD Type = "2"	
							Addr. No.	Filler	Street Name	SufDir									
							Intersection Address												
							E W Street Name	Suf	N S Street Name	SufDir								

INDEX NUMBER
CEØ3Ø-Ø1

CEØ29-Ø1

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

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January 16, 1973	

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED	DATE REVISED
January 16, 1973	

I. PROGRAM NARRATIVE

Input to this program is the quarterly dispatch statistical tape (CEØ29T1) and output consists of two tapes containing identical information as the input tape except for the sequence in which the records are sorted. The input tape is read, and loaded into the first of two internal Sorts. The first Sort causes the records to be written on the first output tape in Police Department patrol zone sequence. The second Sort causes the second output tape to be written in patrol watch (work shift) within patrol zone sequence.

II. DETAILED DESCRIPTION

The two Sort files are initiated, and the input and output files are opened.

READ-1 reads the input tape and at end transfers control to the following paragraph. The originating agency code is checked and if equal to that of the Kansas City, Missouri Police Department, the record is released to the first Sort and control returns to the beginning of the paragraph. If the originating agency code is invalid, the record is not released but control returns to the beginning of the paragraph.

INPUT-1 is the paragraph branched to when the entire input tape has been exhausted, and its function is to activate the first Sort. The records are then sorted by Kansas City Police Department geographic zone boundary code. Upon return from the Sort, control falls through to the following paragraph.

WRITE-1 returns the records from the Sort and the first output tape is written. The records have been sorted so that they will be written onto the tape in sequence by central patrol division, south patrol division, and northeast patrol division. Control is returned to the beginning of this paragraph until the last record has been returned from the Sort at which point control falls through to the following paragraph.

OUTPUT-1 causes the input tape (CEØ29T1) to be closed and re-opened. This causes the input tape to be rewound to the beginning so that it is ready for input to the second portion of the program.

READ-2 reads the input tape again, performs the same originating agency code checks as the first portion of the program did, and releases the appropriate records to the second Sort. This paragraph is repeated until the entire input tape is read at which point control falls through to the following paragraph.

INPUT-2 causes the second Sort to be activated and the records are sorted by watch within zone. Upon completion of the Sort, control falls through to the following paragraph.

WRITE-2 returns the records from the second Sort and writes them onto the second output tape. The paragraph is repeated until the entire second output tape has been created and at that point control falls through to the final paragraph.

OUTPUT-2 closes the input file and both output files and displays a normal end-of-job message upon the console.

FLOWCHART

```
Start
  │
 (1)
  │
Read Tape ──At End──► (3)
  │                    │
 (2) ──No──┐   Return Sort Record ──At End──► (4)
  │        │           │                        │
 Yes       │   Write Rcrd to 1st tape           │
  │        │                                     │
Release    │                                     │
Record     │                                     │
to Sort    │                                     │
           │                                     │
  ┌────────┴─────────────────────────────────────┘
  │
Read Tape ──At End──► (5)
  │                    │
 (2) ──No──┐   Return Sort Record ──At End──► Display EOJ
  │        │           │                         │
 Yes       │   Write Rcrd to 2nd tape        Close Files
  │        │                                     │
Release    │                                  Stop Run
Record     │
to Sort    │
```
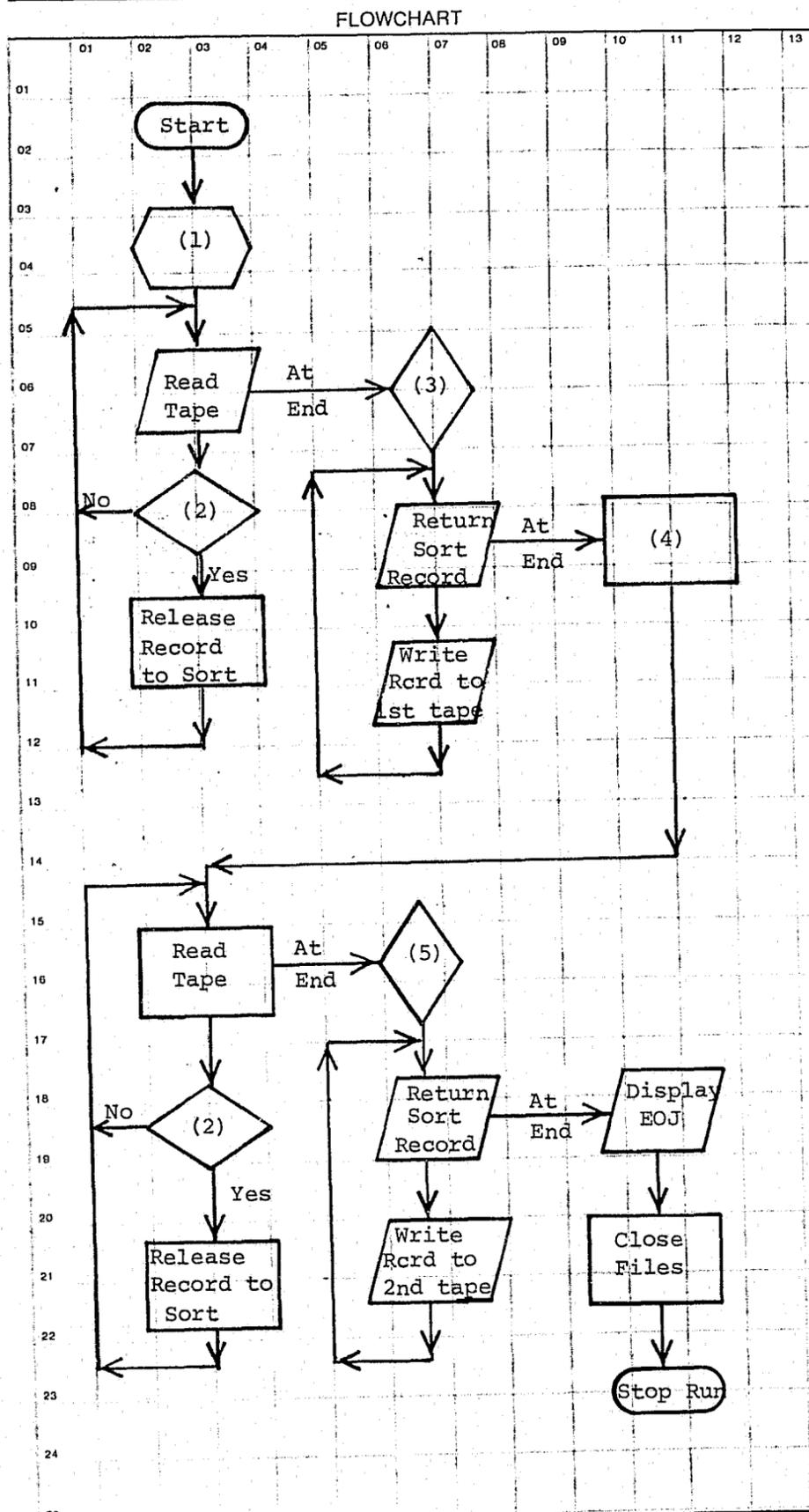
DESCRIPTION

(1) Open files, initiate Sorts, general housekeeping.

(2) KCMO-PD records?

(3) Sort by patrol beat within zone within division.

(4) Close and re-open input tape.

(5) Sort by watch within zone.

System No.	System Title:		
Date Prepared:	Prepared By:	Revision Date:	Revised By:
Date Approved:	Approved By:		

INDEX NUMBER
CEØ3Ø-Ø4

QUARTERLY DISPATCH STATISTICAL TAPE - ZONE SEQUENCE - CEØ3ØT1

E D P RECORD LAYOUT

STATISTICAL TAPE DATA RECORD 1

Sector RCD TYPE = '1'.
Census
Address Info.
Actual Address
Addr. No. | Filler | Street Name | SufDir | Track Block
Intersection Address
E W Street Name | N S Street Name | Suf | SufDir | Addr. Type | SufDir
Date
Day of Week | Year | Day | Month
Time Info.
Time Time Time Time Time
Recd Sent Arrvd Clear
Car and Beat Info. Call Info.
Beat Rept. Orig. Re-
Car Occ. Car Call class call
Car No.
First Car
How disposed Disposition
ORI (Proposed 9 Digit ORI)
CRN

STATISTICAL TAPE DATA RECORD 2

Sector RCD TYPE = '2'.
Census
Address Info.
Actual Address
Addr. No. | Filler | Street Name | SufDir | Track Block
Intersection Address
E W Street Name | N S Street Name | Suf | SufDir | Addr. Type | SufDir
Business Name
(If Orig. call classification 1400 series)
Disposition
Date Time Orig. Call Class
Time Sent
ORI (Proposed 9 Digit ORI)
CRN

INDEX NUMBER
CEØ3Ø-Ø5

D. (7-69)

E D P RECORD LAYOUT

QUARTERLY DISPATCH STATISTICAL TAPE - BEAT SEQUENCE - CEØ3ØT2

STATISTICAL TAPE DATA RECORD 1

ORI (Proposed 9 Digit ORI)	CRN	Car and Beat Info.			Call Info.				Time Info.				Date				Address Info.							Census			
		First Car	Car No.	Beat Occ.	Rept. Car	Orig. Call	Re-class call	How disposed Disposition	Time Recd.	Time Sent	Time Arrvd	Time Clear	Month	Day	Year	Day of Week	Actual Address										RCD Type = '1'
																	Addr. No.	Filler	Street Name	Suf	Dir	Appy	Track	Block	Sector
																	Intersection Address								
																	E W Street Name	Suf	N S Street Name	Suf	Dir				

STATISTICAL TAPE DATA RECORD 2

ORI (Proposed 9 Digit ORI)	CRN	Date	Time Sent	Orig. Call Class	Disposition	Business Name (If Orig. call classification 1400 series)	Address Info.						Census			
							Actual Address									RCD Type = '2'
							Addr. No.	Filler	Street Name	Suf	Dir	Appy	Track	Block	Sector
							Intersection Address								
							E W Street Name	Suf	N S Street Name	Suf	Dir				

INDEX NUMBER CEØ3Ø-Ø6

INDEX NUMBER CEØ31-Ø1

PROGRAMMING DOCUMENTATION

SECTION
DISPATCH PROGRAMS

DATE ISSUED
January 16, 1973

DATE REVISED

PROGRAM TITLE: QUARTERLY PATROL WORK LOAD SUMMARY (ENTIRE DEPARTMENT)

DATE OPERATIONAL: January 16, 1973

PURPOSE: To print a report that summarizes the patrol work load for the Kansas City, Missouri Police Department broken down by incident classification, number of incidents, time, and percentages of available time.

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

I. PROGRAM NARRATIVE

Input to this program is the quarterly dispatch statistical tape
(CEØ29T1) and output is a multipage listing. The input tape is
read, and various edits are performed upon each record. Those
records that pass the edits have pertinent incident and time in-
formation extracted from them which is manipulated arithmetically
and stored in save areas. When the entire input tape has been ex-
hausted, various averaging and percent calculation routines are
executed upon the previously stored information and the report is
printed.

II. DETAILED DESCRIPTION

The input and output files are opened and the arithmetic table is
set to zeros. A control card is accepted containing a control field
and the necessary date which is moved to a save area. If the control
field is invalid, various error messages are displayed upon the con-
sole and the job aborts. If the control field is valid, control falls
through to the following paragraph.

READ1 is the input paragraph which reads the dispatch quarterly tape
and performs various edits on fields contained in each record. Any
invalid field causes control to return to the beginning of the para-
graph. Otherwise control falls through to the following paragraph.

CK-HOW, CK-MAJ-MIN combine to edit the type of call and incident classi-
fication code and if invalid, cause control to return to READ1. If
valid, a subscriptor is set to the appropriate value based upon the in-
cident code and control is transferred to the following paragraph.

ADD-ROUT1 increments various tables and counters so that the major and
minor incident classification, number of incidents, and amount of time
spent is collected from each record read. Control is then transferred
back to READ1.

The above paragraphs from READ1 through ADD-ROUT1 are repeated
until the entire input tape has been read. At that point, con-
trol is transferred to the following paragraph.

COMPUTATE, TOT-COUNT, ADD-ROUT2, ADD-ROUT2X, EXIT-ADD-ROUT2, COMPUTATE2,
COMPUTATE3, ADD-ROUT3, EXIT-ADD-ROUT3, PER-CENTS1, ADD-ROUT4, ADD-ROUT4X,
EXIT-ADD-ROUT4, PER-CENTS2, LOOP, GRAN-TOT. The above paragraphs combine
to do the following:

CONTINUED

1 OF 2

SECTION

DISPATCH PROGRAMS

PROGRAMMING DOCUMENTATION

DATE ISSUED

January 16, 1973

DATE REVISED

1. Set up and extract the correct expanded literal from a table in core storage that converts each incident type to meaningful information.

2. Calculates totals of major and minor incident types and stores the results in a save area.

3. Calculates the number of hours spent on each major and minor incident type for the entire quarter.

4. Calculates the average time in minutes that is taken to handle each type of incident.

5. Calculates the percent of time that it takes to handle the minor incident codes within each major incident code. As an example, the classification "robbery" is considered a major incident code. The two minor classifications within that major classification are: "robbery or attempt" and "strong-armed or attempt". The calculation in question figures the percentage of time taken on one of these minor categories against the other minor category within the major category of "robbery".

6. Calculates the percent of total incident activity for each of the major crime categories as compared to all crime categories. In other words, normally the category "homicide" only takes about one percent of the total time spent on all called-for services by police.

WRITE-RPT, WRITE-LOOP, WRITE-HDR, WRITE1, WRITE2, WRITE3, FINISHED, HEADINGS. These paragraphs combine to cause all of the calculated totals and percentages to be moved to the print area and the entire report printed.

FINISHED closes the files, displays the number of records read, and stops the run.

FLOWCHART

Start → (1) → Read Tape → (2)
(2) No → Increment Tables → (back to Read Tape)
Read Tape → At End → Expand Codes → Calculate Incident Totals → Calculate Hours & Perctgs → (3) → Write Report → Close Files → Stop Run

Page 1 of 1

DESCRIPTION

(1) Open files, zero tables, accept control date, general housekeeping.

(2) Good record?

(3) Move all data to output area.
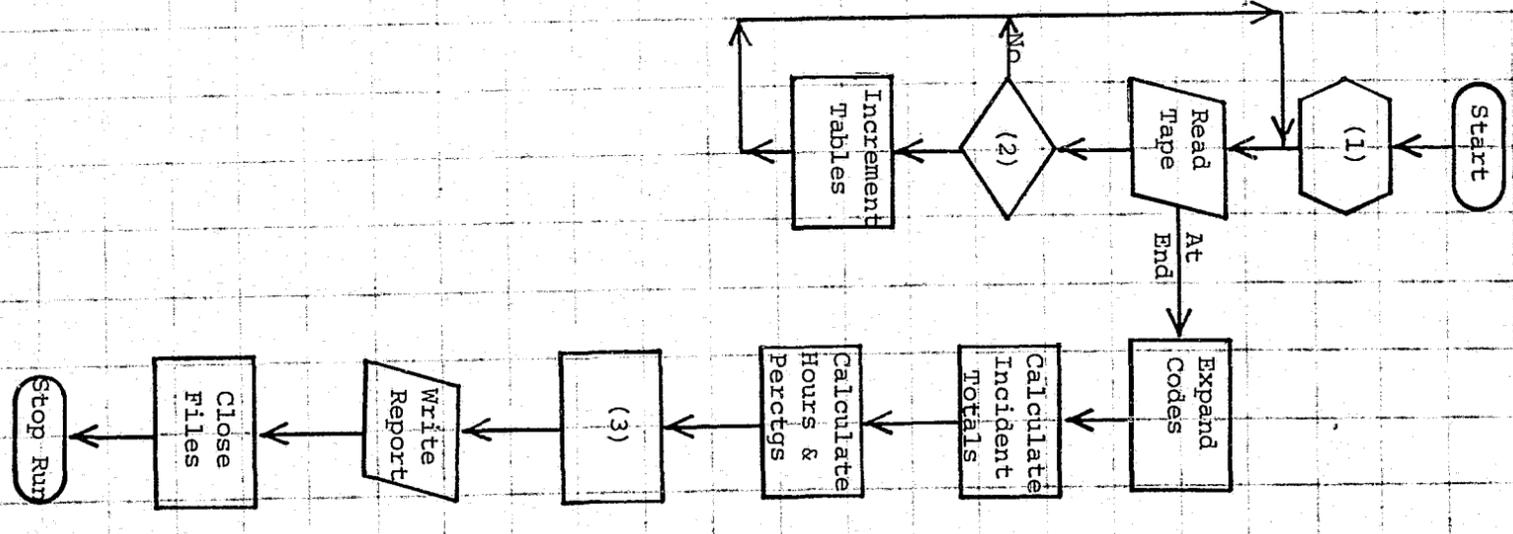
System No.
Date Prepared:
Date Approved:

System Title:
Prepared By:
Approved By:

Revision Date:
Revised By:

INDEX NUMBER
CEØ31-Ø4

☐ NEW   ☐ REVISION—SHOW WHY IN 'COMMENTS'

TITLE OF REPORT OR LISTING

PATROL WORK LOAD SUMMARY - CEØ31L1

PURPOSE OR FUNCTION IT SERVES

TO PROVIDE POLICE ADMINISTRATION WITH A REPORT THAT SUMMARIZES PATROL WORK LOAD, BY QUARTER, FOR THE KANSAS CITY, MISSOURI POLICE DEPARTMENT BY INCIDENT.

ORIGINATES FROM (SHOW COMPUTER RUN AND/OR MAIN FILE FROM WHICH DATA IS DEVELOPED AND SPAN OF TIME COVERED OR AGE OF DATA)

THIS INFORMATION IS EXTRACTED FROM THE QUARTERLY DISPATCH STATISTICAL TAPE - CEØ29T1.

NO. COPIES	FREQUENCY ISSUED ☐ DAILY ☐ WEEKLY ☐ MONTHLY ☒ QUARTERLY

DESIGN FORMAT APPROVED BY	DATE	RELEASE PERIOD

COPY DISTRIBUTION

	SENT TO	RETENTION	DISPOSITION
1	ORIGINATING AGENCY (3)		
2			
3	FILE (1)		
4			
5			
6			

COMMENTS

INDEX NUMBER
CEØ31-Ø5

DETAILED EXPLANATION OF DATA (WHEN PRINTED CAPTIONS ARE NOT SELF EXPLANATORY)

VERTICAL HEADINGS REPRESENT MAJOR DISPATCH CATEGORIES AND THEIR RESPECTIVE SUBCATE-GORIES. HORIZONTAL HEADINGS REFLECT:

1. THE NUMBER OF INCIDENTS OCCURRING.
2. THE NUMBER OF HOURS DEDICATED TO THOSE INCIDENTS.
3. THE AVERAGE TIME IN MINUTES DEDICATED TO EACH INCIDENT.
4. THE PERCENT THAT A SUBCATEGORY REPRE-SENTS OF ITS MAJOR CATEGORY.
5. THE PERCENT THAT THE MAJOR CATEGORY REPRESENTS OF ALL DISPATCHED TIME FOR THE QUARTER.

CONTINUE ON REVERSE SIDE

KANSAS CITY MISSOURI POLICE DEPARTMENT
RESTRICTED INFORMATION
PATROL WORKLOAD SUMMARY
TOTAL OF ALL PATROL CARS FOR QUARTER NO. 2

		NO. INCIDENTS	NO. HOURS	AVG. IN MINUTES	PERCENT OF MAJOR	PERCENT OF TOTAL
01 HOMICIDE						
01	HOMICIDE	0	.00	.0	0%	
02	SUICIDE OR ATTEMPT	82	69.40	50.8	32%	
03	DEAD BODY	106	146.50	82.9	68%	
	TOTAL	188	215.90	68.9	100%	0%
02 SEX OFFENSES						
01	RAPE OR ATTEMPT	52	84.80	97.8	66%	
02	MOLESTATION	21	23.10	66.0	18%	
03	INDECENT ACT	25	19.30	46.3	15%	
04	OTHER	4	.90	13.5	1%	
	TOTAL	102	128.10	75.4	100%	0%
03 ROBBERY						
01	ROBBERY OR ATTEMPT	331	310.00	56.2	74%	
02	STRONGARM OR ATTEMPT	127	108.80	51.4	26%	
	TOTAL	458	418.80	54.9	100%	1%
04 ASSAULT						
01	SHOOTING	214	246.90	69.2	39%	
02	CUTTING	161	151.20	56.3	24%	
03	OTHER ASSAULT	308	235.40	45.9	37%	
	TOTAL	683	633.50	55.7	100%	1%
05 BURGLARY						
01	RESIDENCE	1191	1030.10	51.9	67%	
02	NON-RESIDENCE	442	513.10	69.7	33%	
	TOTAL	1633	1543.20	56.7	100%	3%
06 LARCENY						
01	LARCENY OR ATTEMPT	2283	1532.00	40.3	74%	
02	HOLDING PERSON FOR	317	427.30	80.9	21%	
03	PURSE SNATCH OR ATTEMPT	133	115.20	52.0	6%	
	TOTAL	2733	2074.50	45.5	100%	3%
07 AUTO THEFT						
01	STOLEN OR ATTEMPT	1117	641.10	34.4	60%	
02	ATTEMPT TO LOCATE	183	91.60	30.0	9%	
03	RECOVERED AUTO	434	330.60	45.7	31%	
	TOTAL	1734	1063.30	36.8	100%	2%
08 MISCELLANEOUS REPORTS						
01	ANIMAL BITE	793	568.70	43.0	28%	
02	LOSS	38	20.40	32.2	1%	
03	RECOVERED PROPERTY	588	492.70	50.3	24%	
04	DESTRUCTION OF PROPERTY	1173	642.60	32.9	32%	
05	OPEN DOOR OR WINDOW	171	67.60	23.7	3%	
06	FRAUD	127	154.80	73.1	8%	
07	CASUALTY	27	12.70	28.2	1%	
08	OTHER	146	55.80	22.9	3%	
	TOTAL	3063	2015.30	39.5	100%	3%
09 INTOXICATED PERSONS						
01	PERSON DOWN	1301	610.00	28.1	55%	
02	PERSON DOWN, INJURED	168	83.20	29.7	7%	
03	PERSON INTOXICATED	935	417.50	26.8	38%	
	TOTAL	2404	1110.70	27.7	100%	2%

PROGRAM TITLE: PATROL WORK LOAD SURVEY

DATE OPERATIONAL: January 16, 1973

PURPOSE: To produce a quarterly listing of hours of patrol service
work load by type of incident. The report will contain
statistics including average minutes per incident and what
percent of the total patrol work load this incident type
represents.

PROGRAMMING DOCUMENTATION

SECTION		
DISPATCH PROGRAMS	DATE ISSUED	DATE REVISED
	January 16, 1973	

I. PROGRAM NARRATIVE

Input to this program is the year-to-date dispatch tape (CE001T1) and output is a multi-page listing. The dispatch year-to-date tape is read and counts of number of incidents and total minutes of work load for each dispatch call classification are accumulated in a core resident table. After the entire input file has been processed, averages of minutes of work load and percentage of total work load are calculated and a report is built and printed.

II. DETAILED DESCRIPTION

A control card is accepted and edited. If the control card is found to be invalid, an appropriate message is printed on the system console and program execution is terminated. The report quarter and year are moved to a save area and control falls through to the following paragraph.

READ1. The dispatch year-to-date tape is read and at end of file control is transferred to the paragraph entitled COMPUTATE. The dispatch record is then subjected to several validity tests and if any invalidities are found, control is returned to the beginning of the paragraph.

CK-HOW. The year-to-date dispatch tape is in ZONE sequence. If the zone of the current dispatch record is greater than the zone of the last dispatch record read, control is transferred to the paragraph entitled COMPUTATE.

CK-MAJ-MIN. This paragraph sets a subscript to point to the table element which is used to keep count for this call classification. If the call classification is invalid, control is transferred to the paragraph entitled READ1.

ADD-ROUT1. This paragraph increments the incident count in the table element pointed to by the subscript set in the previous paragraph, and the time that was taken to clear this incident is computed and added to the table element. Control is then transferred to the paragraph entitled READ1.

COMPUTATE. This paragraph initializes subscripts used in the following paragraphs.

TOT-COUNT through WRITE3. This paragraph gains control if all of the records have been processed for a particular zone or the year-to-date dispatch tape has been processed. The paragraphs compute average work load in minutes per incident, and percent of total patrol work load time spent in clearing this type of incident. The accumulated counts and calculated figures are then formatted and a report is printed for one zone. When the report has been printed, control falls through to the following paragraph.

FINISHED. If the last of the three zone reports have been printed, control is transferred to paragraph entitled END-ROUT. The remainder of the paragraph clears the statistical table, resets subscripts, and then transfers control to the paragraph entitled CK-MAJ-MIN.

END-ROUT. All program files are closed and program execution is ended.

FLOWCHART
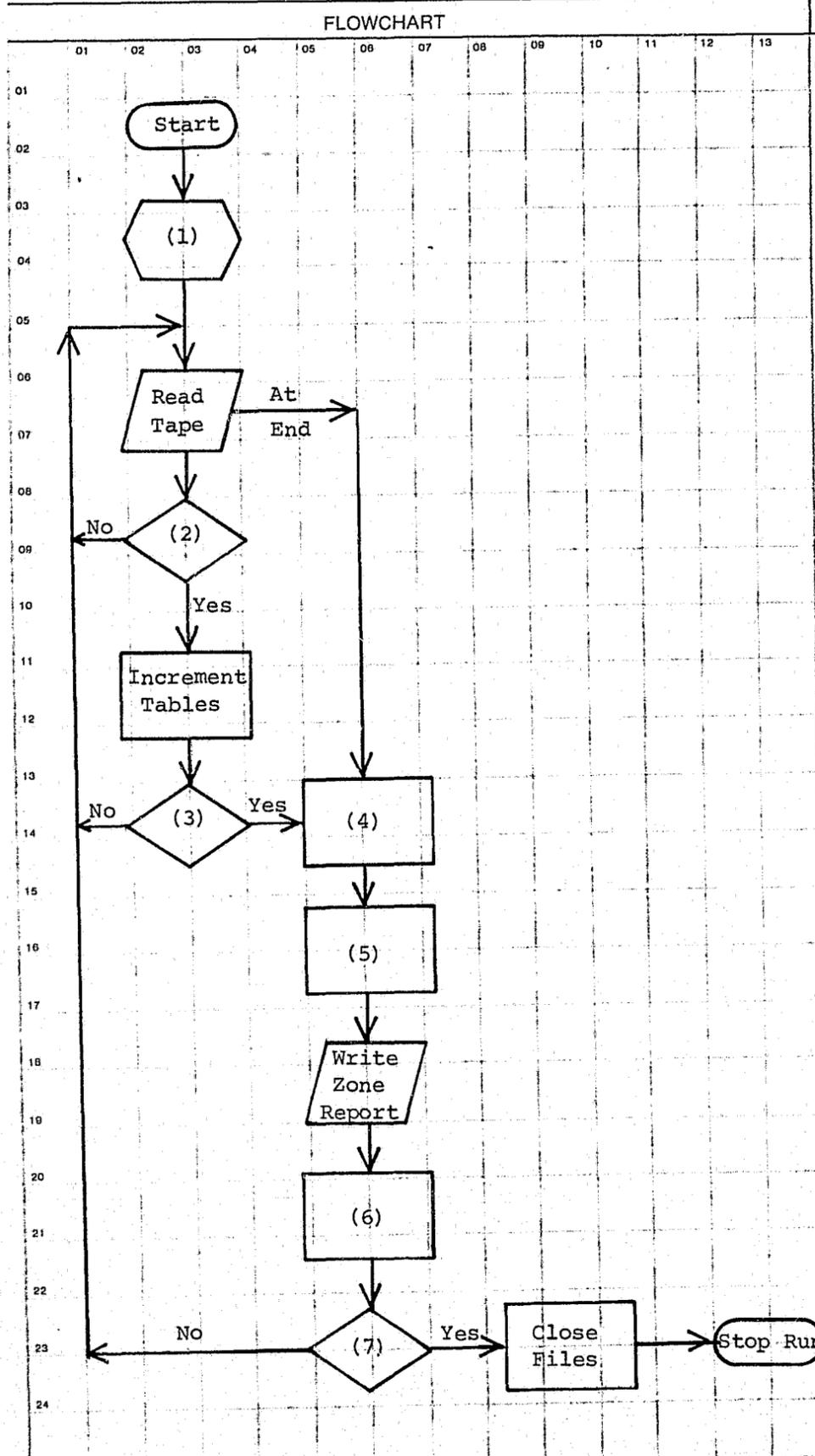
DESCRIPTION

(1) Open files, zero tables, clear work areas, accept control card, general housekeeping.

(2) Good record?

(3) Zone break?

(4) Compute incident averages and percentages.

(5) Compute zone totals.

(6) Zero tables, save zone number.

(7) At end?

System No.	System Title:		
Date Prepared:	Prepared By:	Revision Date:	Revised By:
Date Approved:	Approved By:		

INDEX NUMBER
CEØ32-Ø4

DETAILED EXPLANATION OF DATA (WHEN PRINTED CAPTIONS ARE NOT SELF EXPLANATORY)

VERTICAL HEADINGS REPRESENT CALL INCIDENT TYPES WITH SUBTOTALS DISPLAYED AT CATE-GORICAL BREAKS.

HORIZONTALLY, THE COLUMNS REPRESENT:

1. NUMBER OF INCIDENTS.

2. NUMBER OF HOURS DEDICATED.

3. AVERAGE TIME AND MINUTES PER INCIDENT.

4. PERCENT INCIDENT TYPE REPRESENTS OF THAT INCIDENT CATEGORY.

5. PERCENT THAT THAT INCIDENT CATEGORY REPRESENTS OF TOTAL PATROL WORK LOAD.

CONTINUE ON REVERSE SIDE

☐ NEW   ☐ REVISION—SHOW WHY IN 'COMMENTS'

TITLE OF REPORT OR LISTING
QUARTERLY PATROL WORK LOAD SUMMARY – CEØ32L1

PURPOSE OR FUNCTION IT SERVES

TO PRODUCE A QUARTERLY LISTING OF HOURS OF PATROL SERVICE WORK LOAD BY TYPE OF INCIDENT.

ORIGINATES FROM (SHOW COMPUTER RUN AND/OR MAIN FILE FROM WHICH DATA IS DEVELOPED AND SPAN OF TIME COVERED OR AGE OF DATA)

THIS INFORMATION IS EXTRACTED FROM THE YEAR-TO-DATE DISPATCH TAPE – CEØ1T1.

NO. COPIES	FREQUENCY ISSUED		
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DESIGN FORMAT APPROVED BY		DATE	RELEASE PERIOD

COPY DISTRIBUTION

	SENT TO	RETENTION	DISPOSITION
1	ORIGINATING AGENCY (3)		
2	FILE (1)		
3			
4			
5			
6			

COMMENTS

INDEX NUMBER
CEØ32-Ø5

CE032L1

KANSAS CITY MISSOURI POLICE DEPARTMENT
RESTRICTED INFORMATION
PATROL WORKLOAD SUMMARY
TOTAL OF ALL PATROL CARS FOR CHAPTER NO. 4

PAGE 1

ZONE 1

	NO. INCIDENTS	NO. HOURS	AVG. IN MINUTES	PERCENT OF MAJOR	PERCENT OF TOTAL
01 HOMICIDE					
01 HOMICIDE	5	5.70	68.4	4%	
02 SUICIDE OR ATTEMPT	44	35.20	48.0	27%	
03 DEAD BODY	55	90.50	98.7	69%	
TOTAL	104	131.40	75.8	100%	1%
02 SEX OFFENSES					
01 RAPE OR ATTEMPT	29	48.80	101.0	91%	
02 MOLESTATION	4	3.20	48.0	6%	
03 INDECENT ACT	3	.70	14.0	1%	
04 OTHER	1	.90	54.0	2%	
TOTAL	37	52.60	86.9	100%	0%
03 ROBBERY					
01 ROBBERY OR ATTEMPT	228	209.30	55.1	79%	
02 STRONGARM OR ATTEMPT	78	57.00	43.8	21%	
TOTAL	306	266.30	52.2	100%	1%
04 ASSAULT					
01 SHOOTING	107	145.20	81.4	40%	
02 CUTTING	79	88.00	66.8	24%	
03 OTHER ASSAULT	137	130.80	57.3	36%	
TOTAL	323	364.00	67.6	100%	2%
05 BURGLARY					
01 RESIDENCE	360	309.40	51.6	68%	
02 NON-RESIDENCE	126	144.70	68.9	32%	
TOTAL	486	454.10	56.1	100%	2%
06 LARCENY					
01 LARCENY OR ATTEMPT	611	411.50	40.4	65%	
02 HOLDING PERSON FOR	141	160.90	68.5	25%	
03 PURSE SNATCH OR ATTEMPT	68	62.40	55.1	10%	
TOTAL	820	634.80	46.4	100%	3%
07 AUTO THEFT					
01 STOLEN OR ATTEMPT	399	230.50	34.7	62%	
02 ATTEMPT TO LOCATE	51	26.80	31.5	7%	
03 RECOVERED AUTO	166	117.30	42.4	31%	
TOTAL	616	374.60	36.5	100%	2%
08 MISCELLANEOUS REPORTS					
01 ANIMAL BITE	70	60.20	51.6	16%	
02 LOSS	7	2.80	24.0	1%	
03 RECOVERED PROPERTY	168	122.20	43.6	32%	
04 DESTRUCTION OF PROPERTY	204	110.30	32.4	29%	
05 OPEN DOOR OR WINDOW	57	17.60	18.5	5%	
06 FRAUD	44	45.10	61.5	12%	
07 CASUALTY	14	10.40	44.6	3%	
08 OTHER	46	17.60	23.0	5%	
TOTAL	610	386.20	38.0	100%	2%
09 INTOXICATED PERSONS					
01 PERSON DOWN	723	363.70	30.2	55%	
02 PERSON DOWN, INJURED	87	52.80	36.4	6%	
03 PERSON INTOXICATED	530	250.10	28.3	38%	
TOTAL	1340	666.60	29.8	100%	3%

PROGRAMMING DOCUMENTATION

SECTION
DISPATCH PROGRAMS

DATE ISSUED
January 16, 1973

DATE REVISED

PROGRAM TITLE: PATROL WORK LOAD SURVEY BY WATCH

DATE OPERATIONAL: January 16, 1973

PURPOSE: To produce a quarterly listing of patrol service work load by incident and watch for each of the city's three patrol zones. Report statistics include for each call classification and watch, total incidents, average time to clear each incident, and percentage of total patrol work load time used in clearing this type incident.

I. PROGRAM NARRATIVE

Input to this program is the year-to-date dispatch tape (CE001T1) and output is several multi-page listings. The input year-to-date dispatch tape is in patrol watch within patrol zone sequence. The input file is read and counts are kept in a core resident table by call classification. Each time that a dispatch record is encountered with a new zone or watch, computations are made and a report is printed for the zone and watch represented in the table. After nine reports have been created, one for each watch and zone combination, program execution is ended.

II. DETAILED DESCRIPTION

A control card is accepted which contains the quarter and year for which the program is to create a report. If the control card is found to be invalid, an appropriate message is displayed on the system console and program execution is terminated.

READ1. The input year-to-date dispatch tape is read and at end of file control is transferred to the paragraph entitled COMPUTATE. The dispatch record is subjected to several validity tests and if the record fails any of these, control is returned to the beginning of the paragraph.

CK-HOW. If the zone and watch of the current dispatch record is not equal to the zone and watch of the previous dispatch record, control is transferred to the paragraph entitled COMPUTATE.

CK-MAJ-MIN. A subscript is set to point to a table element in which counts are kept for this call classification. If the call classification is found to be invalid, control is transferred to the paragraph entitled READ1.

ADD-ROUT1. The subscripted incident counter is incremented and time to clear this incident is computed and added to a counter containing total time to clear this type of incident. Control is then transferred to the paragraph entitled READ1.

COMPUTATE through WRITE3. These paragraphs gain control whenever all the dispatch records for a particular zone and watch have been read from the input dispatch year-to-date tape. Average time per incident for each incident type and percent of total patrol work load represented by this

---

incident type are computed. A report for this zone and watch is then printed.

FINISHED. If a report has been created for all zone/watch combinations (Zone 1, Watch 1 through Zone 3, Watch 3), control is transferred to the paragraph entitled END-ROUT, otherwise the statistical table is cleared and control is transferred to the paragraph entitled CK-MAJ-MIN.
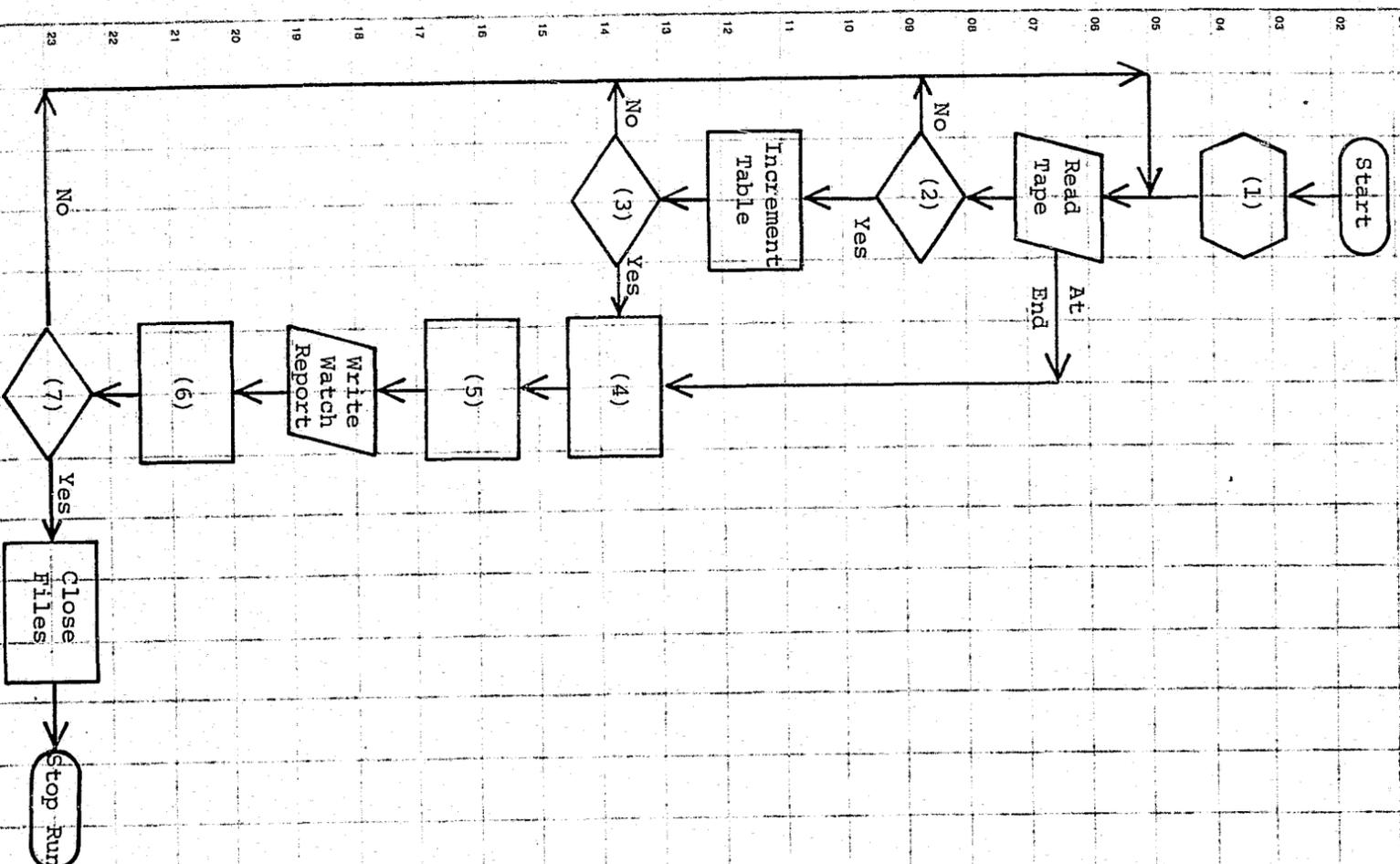
END-ROUT. All program files are closed and program execution is ended.

FLOWCHART

DESCRIPTION

(1) Open files, zero tables, clear work areas, accept control card, general housekeeping.

(2) Good record?

(3) Watch break?

(4) Compute incident averages and percentages.

(5) Compute zone and watch totals.

(6) Zero tables, save zone number.

(7) At end?

System No.

Date Prepared:

Date Approved:

System Title:

Prepared By:

Approved By:

Revision Date:

Revised By:

INDEX NUMBER
CEØ33-Ø4

☐ NEW ☐ REVISION—SHOW WHY IN 'COMMENTS'

TITLE OF REPORT OR LISTING

PATROL WORK LOAD SUMMARY - CEØ33L1

PURPOSE OR FUNCTION IT SERVES

TO PROVIDE POLICE ADMINISTRATION WITH DISPATCH STATISTICS BY INCIDENT AND RESULTANT TIME EXPENDITURES BY WATCH, ZONE AND DIVISION.

ORIGINATES FROM (SHOW COMPUTER RUN AND/OR MAIN FILE FROM WHICH DATA IS DEVELOPED AND SPAN OF TIME COVERED OR AGE OF DATA)

THIS INFORMATION IS EXTRACTED FROM THE QUARTERLY DISPATCH STATISTICAL TAPE - CEØ29T1.

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DESIGN FORMAT APPROVED BY	DATE	RELEASE PERIOD

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	SENT TO	RETENTION	DISPOSITION
1	ORIGINATING AGENCY (3)		
2	FILE (1)		
3			
4			
5			
6			

COMMENTS

INDEX NUMBER
CEØ33-Ø5

DETAILED EXPLANATION OF DATA (WHEN PRINTED CAPTIONS ARE NOT SELF EXPLANATORY)

VERTICAL HEADINGS REPRESENT MAJOR DISPATCH CATEGORIES AND THEIR RESPECTIVE SUBCATE-GORIES. HORIZONTAL HEADINGS REFLECT:

1. THE NUMBER OF INCIDENTS OCCURRING.
2. THE NUMBER OF HOURS DEDICATED TO THOSE INCIDENTS.
3. THE AVERAGE TIME IN MINUTES DEDICATED TO EACH INCIDENT.
4. THE PERCENT THAT A SUBCATEGORY REPRE-SENTS OF ITS MAJOR CATEGORY.
5. THE PERCENT THAT THE MAJOR CATEGORY REPRESENTS OF ALL DISPATCHED TIME FOR THE QUARTER.

CONTINUE ON REVERSE SIDE

CF033L1

KANSAS CITY MISSOURI POLICE DEPARTMENT
RESTRICTED INFORMATION
PATROL WORKLOAD SUMMARY
TOTAL OF ALL PATROL CARS FOR QUARTER NO. QUEU

PAGE   1

WATCH 1   ZONE 1

	NO. INCIDENTS	NO. HOURS	AVG. IN MINUTES	PERCENT OF MAJOR	PERCENT OF TOTAL
01 HOMICIDE					
01 HOMICIDE	0	.00	.0	0%	
02 SUICIDE OR ATTEMPT	9	9.30	62.0	36%	
03 DEAD BODY	9	16.50	110.0	64%	
TOTAL	18	25.80	86.0	100%	0%
02 SEX OFFENSES					
01 RAPE OR ATTEMPT	12	17.20	86.0	80%	
02 MOLESTATION	0	.00	.0	0%	
03 INDECENT ACT	4	4.40	66.0	20%	
04 OTHER	0	.00	.0	0%	
TOTAL	16	21.60	81.0	100%	0%
03 ROBBERY					
01 ROBBERY OR ATTEMPT	61	50.20	49.4	63%	
02 STRONGARM OR ATTEMPT	39	29.90	46.0	37%	
TOTAL	100	80.10	48.1	100%	1%
04 ASSAULT					
01 SHOOTING	54	48.30	53.7	37%	
02 CUTTING	52	42.50	49.0	32%	
03 OTHER ASSAULT	54	41.20	45.8	31%	
TOTAL	160	132.00	49.5	100%	2%
05 BURGLARY					
01 RESIDENCE	70	54.20	46.5	35%	
02 NON-RESIDENCE	70	98.80	84.7	65%	
TOTAL	140	153.00	65.6	100%	2%
06 LARCENY					
01 LARCENY OR ATTEMPT	123	104.30	50.9	68%	
02 HOLDING PERSON FOR	23	37.60	98.1	24%	
03 PURSE SNATCH OR ATTEMPT	14	12.60	54.0	8%	
TOTAL	160	154.50	57.9	100%	2%
07 AUTO THEFT					
01 STOLEN OR ATTEMPT	131	75.60	34.6	68%	
02 ATTEMPT TO LOCATE	9	3.70	24.7	3%	
03 RECOVERED AUTO	37	31.30	50.8	28%	
TOTAL	177	110.60	37.5	100%	1%
08 MISCELLANEOUS REPORTS					
01 ANIMAL BITE	7	5.10	43.7	5%	
02 LOSS	5	5.60	67.2	5%	
03 RECOVERED PROPERTY	20	10.00	30.0	10%	
04 DESTRUCTION OF PROPERTY	61	44.90	44.2	43%	
05 OPEN DOOR OR WINDOW	53	22.00	24.9	21%	
06 FRAUD	5	2.50	30.0	2%	
07 CASUALTY	4	4.10	61.5	4%	
08 OTHER	13	9.60	44.3	9%	
TOTAL	168	103.80	37.1	100%	1%
09 INTOXICATED PERSONS					
01 PERSON DOWN	335	172.10	30.8	57%	
02 PERSON DOWN, INJURED	26	13.00	30.0	4%	
03 PERSON INTOXICATED	264	118.70	27.0	39%	
TOTAL	625	303.80	29.2	100%	4%

END