

INDIVIDUAL TECHNICAL ASSISTANCE REPORT

In Response to a Request for Technical Assistance

By the

Anchorage, Alaska, Police Department

#166

May 30, 1973

NCJRS

NOV 30 1976

ACQUISITIONS

Prepared by:

Public Administration Service
1313 East 60th Street
Chicago, Illinois 60637

(Per Contract J-LEAA-015-72)

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I. PRELIMINARY INFORMATION

- A. Consultant Assigned:
Lieutenant Glen Pauly
St. Louis, Missouri, Police Department
- B. Date Assignment Received:
April 16, 1973.
- C. Date of Contact with LEAA Regional Coordinator:
None required.
- D. Dates of On-Site Consultation:
April 30 to May 9, 1973.
- E. Individuals Contacted:
No names submitted by consultant.

II. STATEMENT OF THE PROBLEM

- A. Problem as per Request for Technical Assistance:
Provide assistance in a study of records, statistics, and management practices.
- B. Problem Actually Observed:
As stated.

III. FACTS BEARING ON THE PROBLEM

See attached consultant's report.

IV. DISCUSSION OF POSSIBLE COURSES OF ACTION

See attached consultant's report.

V. RECOMMENDED COURSES OF ACTION

See attached consultant's report.

CONSULTANT'S REPORT

This study was undertaken in compliance with a request for technical assistance by the Anchorage Police Department in evaluating the technical aspects and reviewing procedures to be used in a Resource Allocation Model.

The on-site evaluation was conducted April 30 to May 9th and after reviewing the grant application it was established that the grant was not prepared in a form appropriate for submission to the LEAA.

The consultant contacted Mr. Bob Willstadter of LEAA Region 10 in Seattle, Washington, and described the problems in the grant application. Mr. Willstadter asked that the consultant evaluate the Department's ability to utilize the model and determine whether it was needed. If the answers were affirmative, the consultant was asked to revise the grant.

After interviewing the persons who would be involved in the project and reviewing the City's data processing system and its equipment availability, it was determined that the City does possess the capabilities necessary for instituting a resource allocation model.

The consultant decided that the system is essential to the department requirements because of the rapid growth of the City of Anchorage. As an indication of that growth rate, city utilities, electric, phone, and water have a growth factor of 20 percent per year. Further, the City now has a crime rate per 100,000 that is almost double the national average. If and when the Alaska pipe line is approved, the Anchorage Police Department will experience an even heavier work load. The influx of construction workers on weekends will probably cause additional law enforcement problems for the Anchorage area.

The City Data Processing Center was found to possess two items that are necessary in allocation models: a geographically coded addressing system with every building in the Greater Anchorage Area on record and an Anchorage Vicinity Index Map, which is a grid system of the area. The two systems can be used in such a way as to permit the Police Department to predict work load by geographical area. The supervisor of data processing has an understanding of the process involved in establishing a look up table by address and parameters.

With the use of the St. Louis Model described in Appendix I a resource allocation model is possible.

The system for collecting data is described in Appendix II. The Radio Ticket would be an on-line allocation; however, no further on-line applications will be available to the Police Department until the present system can be expanded.

It is suggested that the Department form a committee of electronic data processing system users and that the committee function in the manner described in the flow chart shown in Appendix III.

The consultant determined that the Department will be able to use the activity summary requested with a cost factor in system design and programming of approximately \$12,000 to \$14,000. A recommendation was made that an existing package, described in Appendix IV, be purchased. The purchase price is \$3,000, and the package can be installed after the radio disc storage design is completed at the additional cost for vendor expenses of \$1,500. The vendor recommended is Joseph W. Larimore and Associates, 848 Carillon Court, St. Louis, Missouri 63141.

After the above recommendations were made, a new grant application was prepared. The application will be resubmitted by the Anchorage Police Department.

For the Department's information included as Appendix V is a list of radio call descriptions and a copy of radio codes to be used after the radio ticket is designed. It is further suggested that the record length be sufficient to permit two more digits on the four number code enabling the Department to expand the information system to include Uniform Crime Reports, other crime statistics, and additional breakdowns. The grid system as designed by the City should have two additional digits to the four digit number in order to permit the further breakdown of information.

At the conclusion of the assignment, the Department requested that the consultant prepare the designs for further expansions of management systems to include the following:

- 1 Uniform Crime Reporting as a computer application.
2. Booking procedures and an arrest reporting system to complement the U.C.R.
- 3 A crime classification system to complement the U.C.R. systems.

Unfortunately, the length of time allotted to this technical assistance request was not sufficient to permit filling the requests. An estimate of the time necessary to provide the additional assistance is 20 to 25 days.

APPENDICES

MATHEMATICAL MODEL

General Discussion of Exponential Smoothing

The fundamental definition of an exponentially-smoothed series is

$$S_t(x) = \alpha x_t + (1-\alpha)S_{t-1}(x),$$

where

$S_t(x)$ = the smoothed average obtained after

processing data from the t^{th} period;

α = the smoothing coefficient ($0 < \alpha < 1$);

and

x_t = the actual number of events in period t .

The new smoothed average depends, in part, on the smoothed average from the previous period,

S_{t-1} . Then, since

$$S_{t-1}(x) = \alpha x_{t-1} + (1-\alpha)S_{t-2}(x),$$

we may write

$$S_t(x) = \alpha x_t + (1-\alpha)[\alpha x_{t-1} + (1-\alpha)S_{t-2}(x)].$$

Continuing this process, $S_t(x)$ can be expressed as an average based on M periods of data by:

$$S_t(x) = \alpha \sum_{k=0}^{M-1} (1-\alpha)^k x_{t-k} + (1-\alpha)^M x_0,$$

where x_0 is the initial value of $S_t(x)$. It can be shown that this is an unbiased estimator of a stationary series since

$$E[S_t(x)] = \alpha \sum_{k=0}^{\infty} (1-\alpha)^k E(x_{t-k}) = E(x) \alpha \sum_{k=0}^{\infty} (1-\alpha)^k$$

$$E[S_t(x)] = E(x).$$

The series can be developed to take into consideration either multiplicative or additive seasonal effect. It has been suggested [4] that a multiplicative effect be employed if the amplitude of the seasonal effect is proportional to the level of the series. If L denotes the periodicity of the seasonal effect, the smoothed series becomes

$$S_t = \alpha \frac{x_t}{W_{t-L}} + (1-\alpha)S_{t-1},$$

and

$$W_t = \beta \frac{x_t}{S_t} + (1-\beta)W_{t-L}.$$

where W_t is the seasonal effect and is itself a smoothed series using its own smoothing coefficient, β . A forecast of the first period after t would then be

$$S_{t,1} = S_t W_{t-L+1}.$$

More generally, to forecast for the T^{th} period based on the series as of the period t would be

$$S_{t,T} = S_t W_{t-L+T}.$$

The choice of the smoothing coefficient is dependent upon the nature of the series itself. If it is desired to give a great amount of weight to the most recent data, then the coefficient is chosen close to one. On the other hand, a coefficient chosen close to zero gives more weight to older data and in effect averages more terms. Observation of prediction errors gives an indication of whether the coefficient should be adjusted. A more systematic examination can be made by using various coefficients on the series and choosing the one which produces the minimum mean square forecast error [4 and 5].

Application to Resource Allocation Project

The application of exponential smoothing is relatively straightforward in this case. As described in Volume I, the radio calls have been divided into 10 categories. In the model each of these categories may be considered a separate series; in practice, predictions are made for each category separately and merely summed to produce the prediction. This division gives some flexibility to the system since any combination of the categories may be considered.

A smoothed series is maintained for each category for both the number of calls for service and the required service time. In this discussion only the call-for-service series for one category will be considered (expansion to a group of cat-

egories is obvious). Then the smoothed series for the number of calls for service is an application of the above discussion, i.e.,

$$S_t = \alpha \frac{x_t}{W_{t-L}} + (1-\alpha) S_{t-1},$$

where

x_t = the actual number of calls for service during week t ($1 \leq t \leq 53$);

W_{t-L} = the weekly (seasonal) factor for week t where $L=53$;

S_t = the smoothed average number of calls for service after processing the calls for service from period t ; and

α = the smoothing coefficient ($0 < \alpha < 1$).

A forecast of the number of calls for service for the entire week T after updating to the end of t weeks of data is found by

$$S_{t,T} = S_t W_{t-L+T}.$$

At this point an addition to the normal model was necessary. It was desired to produce predictions for each hour of the week, rather than for the entire week itself. To produce hour-of-the-week predictions, hourly factors were developed based on exponential smoothing. In this case, data are gathered for each hour of the week. The resultant data are then maintained as an exponentially smoothed series based on normalized values:

$$H_k = \gamma \frac{Y_k}{\bar{Y}} + (1-\gamma) H_{k-M},$$

where

H_k = the normalized value for hour of the week k , ($1 \leq k \leq 168$);

Y_k = the actual number of calls for the k hour of the week, ($1 \leq k \leq 168$);

\bar{Y} = the average number of calls per hour;

$M = 168$; and

γ = the smoothing coefficient ($0 < \gamma < 1$).

Then the prediction for the r^{th} hour of the T^{th} week after processing data through week t

is given by $P_r = \frac{S_{t,T}}{168} H_r$

Note that the prediction for the entire week has not been changed, since

$$\sum_{r=1}^{168} P_r = \frac{S_{t,T}}{168} \sum_{r=1}^{168} H_r = S_{t,T}.$$

It should also be noted that the original model deseasonalized by hour of the week. That is, the contribution of one event from x_t occurring dur-

ing the k^{th} hour of the week was $\frac{1}{W_{t-L} H_{k-M}}$,

where W_{t-L} is the weekly factor and H_{k-M} is the

hourly factor. The model then became

$$S_t = \alpha \frac{x_t}{W_{t-L} H_{k-M}} + (1-\alpha) S_{t-1}.$$

However, one or two of the 10 categories of calls for service generally contained very few actual occurrences during one week (for example, the category containing bogus check calls). The resultant effect was that some of the hourly factors for these categories became on the order of 10^{-4} . This situation had a particularly destabilizing effect on the smoothed series; hence the deseasonalizing by hour of week was eliminated.

The advantages of exponential smoothing [1] in this application are obvious. First, the amount of information required is relatively small. Two tables are maintained: the weekly adjustment factors (10×53) and the hourly adjustment factors (10×168). A disc file is maintained for various geographic areas of the city. One number (the smoothed series) for the calls for service and one number for the associated workload are kept for each category for each geographic area. Second, the computations are simple. The production of a forecast as described above is accomplished by a few computer instructions and contains no difficult operations. Third, the weight which is given to past data can be easily adjusted by changing the value of the smoothing coefficient. This property is particularly useful for avoiding bias in the smoothed series caused by the extra activity of certain holidays.

Application of Queueing Theory

The previous sections described the approach which was developed to determine the expected number of calls for service and associated workload. The information which results from this system must now be put to use. One approach which was developed during the Project views the problem as a delay or queue phenomenon.

Queueing processes are classified according to:

- 1) Input distribution — the distribution of the pattern of entries into the system (more specifically, the distribution of time between entries);

- 2) Service distribution — the distribution of time required to service the entry; and
- 3) Queue discipline — the number of servers and the organization of waiting line and service.

The simplest and most extensively developed queueing processes are those in which the input process is Poisson and the service distribution is exponential. This system is generally referred to as M/M/C'.

In studying this delay phenomenon, the determination of the probability law, $P(n)$, describing the number of entries in the system is essential. Many results can be obtained from this law.

Consider the queue phenomenon described by M/M/1. In this case, the probability of having n entries in the system is expressed as

$$P(n) = \left(1 - \frac{\lambda}{\mu}\right) \left(\frac{\lambda}{\mu}\right)^n \quad 0 < \frac{\lambda}{\mu} < 1$$

where $n = 0, 1, 2, \dots$

λ = average rate of arrival of entries into the system; and

μ = average rate of service.

The quantity

$$\rho = \frac{\lambda}{\mu}$$

is called the utilization factor. Then we may write

$$P(n) = (1 - \rho) \rho^n$$

In many cases, the significant question concerns the determination of the number of servers needed to maintain various levels of service. For example, it may be known that 15 servers (patrol units in this case) are required to have a very low probability of delay in services. However, it may be that 12 servers can maintain an approximately 80% level of service; that is, service to approximately 20% of the entries into the system will be delayed.

In this case the system under study is M/M/C. As a preliminary result, the probability that there

¹A standardized notation has been developed for identifying many queueing processes. In the symbol A/B/C, A and B indicate the arrival and service distributions, respectively, and C is the number of servers.

are no calls in the system can be expressed as

$$P(n=0) = P(0) = \frac{1}{\frac{\rho^c}{c!(1-\frac{\rho}{c})} + 1 + \rho + \frac{\rho^2}{2!} + \frac{\rho^3}{3!} + \dots + \frac{\rho^{c-1}}{(c-1)!}}$$

Note that the utilization factor remains the same as in M/M/1. There is also an additional restriction that $\rho < c$; otherwise the waiting line theoretically becomes infinite.

Using this result, the probability that there are k units in the system becomes

$$\begin{aligned} P(k) &= \frac{\rho^k}{k!} P(0) \quad \text{if } 1 \leq k \leq c \\ P(k) &= \frac{\rho^k}{c! c^{k-c}} P(0) \quad \text{if } k \geq c \end{aligned}$$

The probability of a delay is the probability that k is greater than or equal to c ; that is,

$P(k \geq c)$. This result is called Erlang's Formula and is expressed as

$$P(k \geq c) = \frac{\rho^c}{c!(1-\frac{\rho}{c})} P(0)$$

The calculations for the two queueing reports (Queueing Tables of Service Levels and Summary Queueing Table by Day of Week) are direct applications of Erlang's Formula. Suppose that n calls have been predicted for some future hour and that these calls require w hours of work. Then the average service rate is $\frac{n}{w}$. The utilization factor is then calculated as

$$\rho = \frac{n}{w} = w$$

Thus, in this application, the utilization factor is a function of the predicted hours of work.

Knowing this utilization factor, the probability of a delay, given that c units are available, is easily calculated by Erlang's Formula. After this probability is found, the expected number of delayed calls is obtained by multiplying the probability by the predicted number of calls.

BIBLIOGRAPHY

1. Brown, Robert G. *Smoothing, Forecasting, and Prediction of Discrete Time Service*. New York: McGraw-Hill, 1959.
2. Kaufman, Arnold. *Methods and Models of Operations Research*; translated by Scripta Technica, Inc., Edgewood Cliffs, New Jersey: Prentice-Hall, 1963.
3. Kirby, Robert M. "A Comparison of Short and Medium Range Statistical Forecasting Methods." *Management Science*. Volume 6 (February, 1966) 202-210.
4. Winters, Peter. "Forecasting Sales by Exponentially Weighted Moving Averages." *Management Science*. Volume 6 (April, 1960) 324-342.
5. "A Program for Forecasting Sales by Exponentially Weighted Moving Averages—IBM 7090/94." Share General Program Library, 1963.

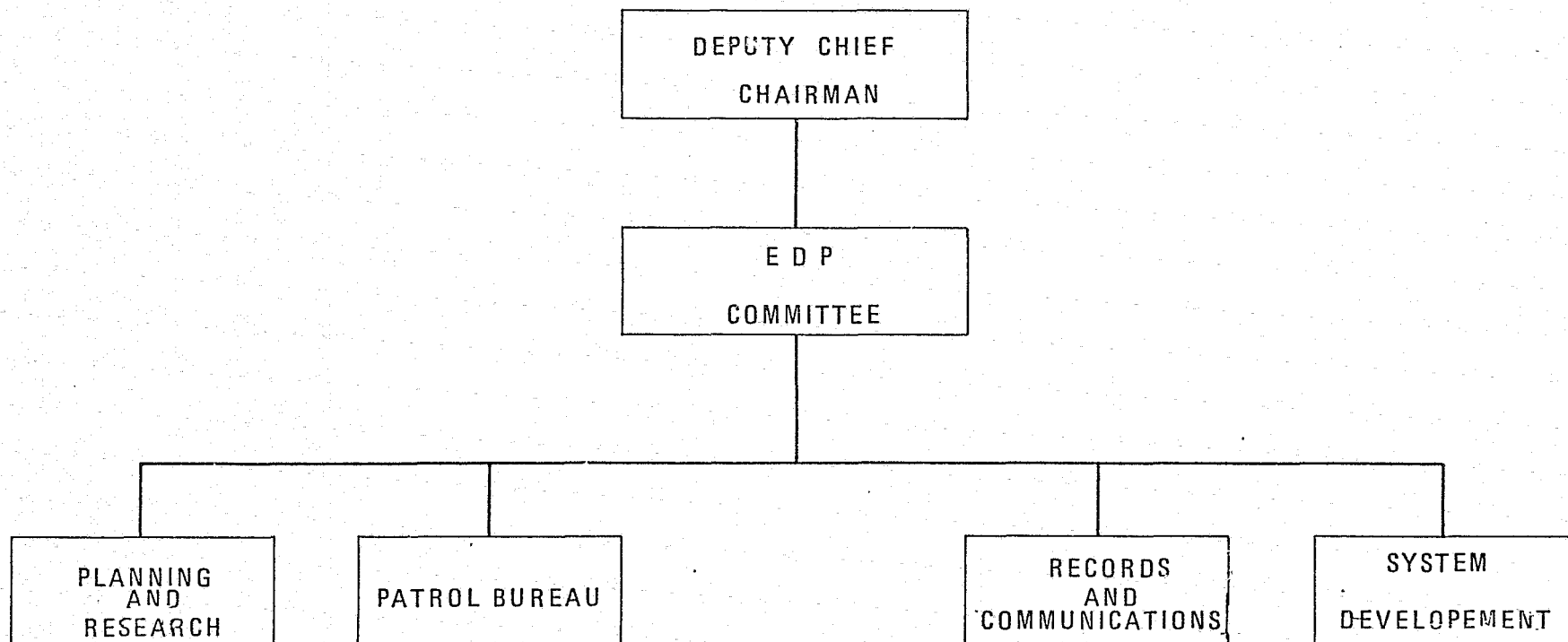
APPENDIX II

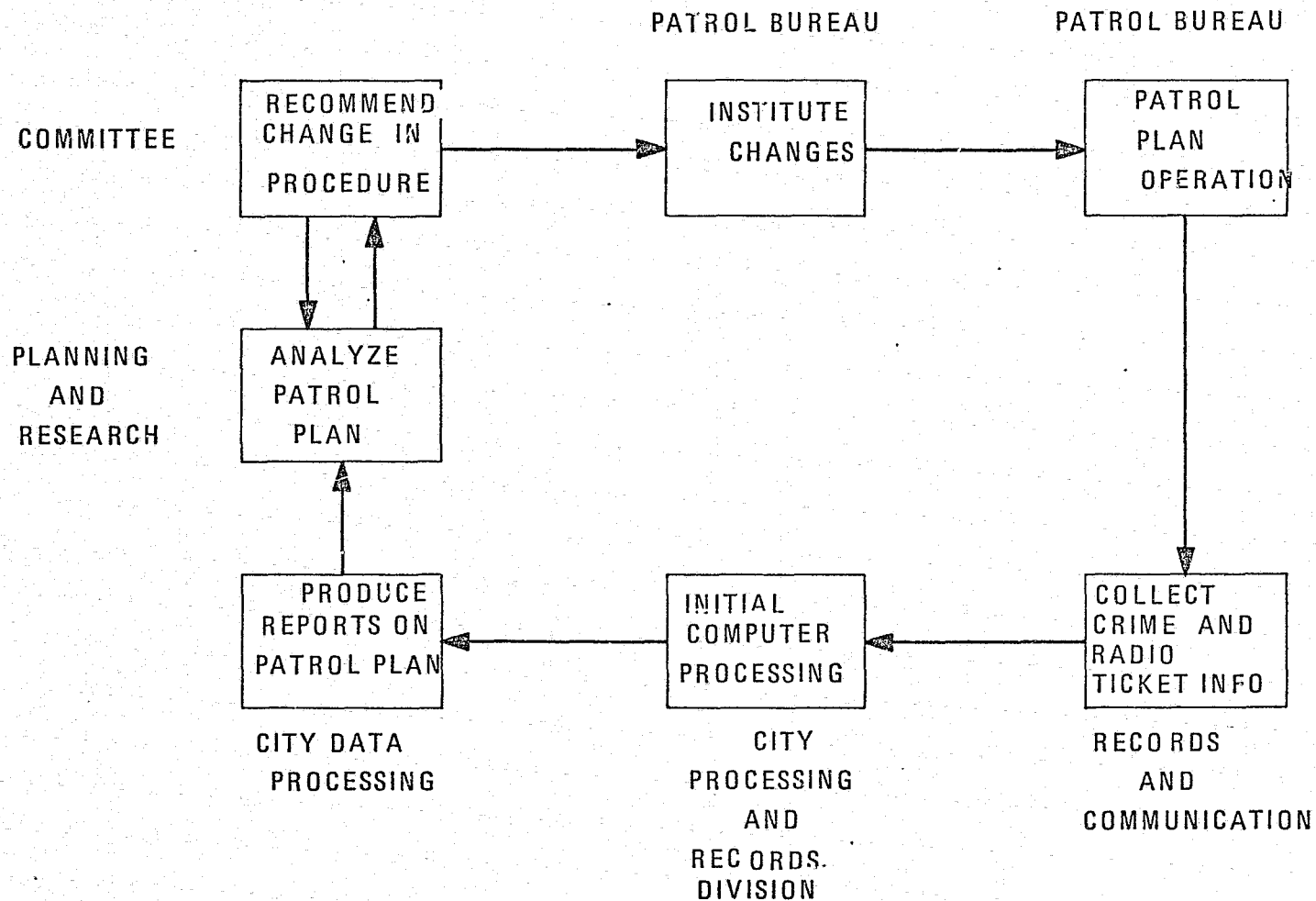
The newly designed radio ticket should contain the following items.

1. DATE AND TIME OF CALL RECEIVED
2. TIME DISPATCHED
3. TIME RESPONDED
4. TIME IN SERVICE
5. RADIO ASSIGNMENT CODE
6. REASSIGNED CODE (IF CHANGED FROM ORIGINAL DISPATCH) *
7. GEO CODE (GRID ASSIGNEMENT)
8. NAME IF KNOWN
9. ADDRESS
10. CAR ASSIGNED
11. COMPLAINT NUMBER
12. REPORT , YES OR NO
13. ASSIST CAR **

* If call comes out as a peace disturbance and is coded originaly as 7320 and the officer calls it back in as a assault the box marked reclassify then is numbered 4300 (or what ever number system is adapted.)

** A seperate card is made for the assist car and his assignment code would be entered as such in the box used for original assignment code, no reclassification is necessary if the car with the assignment changes his coding.





SPECIAL RADIO REPORT BY DAY OF WEEK

TIME ACCOUNTING CONTROL REPORT 1 - SUMMARY

(BASED ON THE TIME CALL WAS DISPATCHED AND THE TIME CALL WAS COMPLETED)

DATE- 1/ 2/72 - 1/29/72 - TIME- 12 AM - 12 AM LOCATION- CITY

REPORT CLASSIFICATION	DAYS	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY

INCIDENT CLASS								
SERIOUS CRIME CALLS								
COUNT		93	132	120	112	103	132	120
TIME		47:17	85:08	70:46	60:13	62:24	69:43	65:54
PERCENT		25.7%	36.4%	29.9%	28.4%	28.3%	26.8%	25.6%
LESS SERIOUS CALLS								
COUNT		89	89	108	79	97	107	121
TIME		28:43	23:27	33:16	29:41	36:13	39:41	37:54
PERCENT		15.6%	10.0%	14.0%	14.0%	16.5%	15.3%	14.7%
NON-CRIME CALLS								
COUNT		189	203	211	181	199	273	293
TIME		77:53	94:14	98:13	77:52	90:13	116:00	113:28
PERCENT		42.3%	40.3%	41.4%	36.7%	41.0%	44.7%	44.1%
SELF-INITIATED CALLS								
COUNT		87	95	89	101	91	83	101
TIME		30:20	31:15	34:44	44:14	31:18	34:17	40:17
PERCENT		16.5%	13.4%	14.7%	20.9%	14.2%	13.2%	15.6%
ADMINISTRATIVE CALLS								
COUNT		0	0	0	0	0	0	0
TIME		0:00	0:00	0:00	0:00	0:00	0:00	0:00
PERCENT		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TOTAL								
COUNT		458	519	528	473	490	595	635
TIME		184:13	234:04	236:59	212:00	220:08	259:41	257:33
AVAILABLE TIME ON DUTY		0:00	0:00	0:00	0:00	0:00	0:00	0:00
AVAILABLE TIME FOR PATROL		-184:13	-234:04	-236:59	-212:00	-220:08	-259:41	-257:33

APPENDIX IV

SAMPLE REPORT by DAY OF WEEK

TIME ACCOUNTING CONTROL REPORT 1 - LESS SERIOUS CALLS
(BASED ON THE TIME CALL WAS DISPATCHED AND THE TIME CALL WAS COMPLETED)

PAGE

DATE- 1/ 2/72 - 1/29/72

TIME- 12 AM - 12 AM

LOCATION- CITY

REPORT
CLASSIFICATION

DAYS

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

INCIDENT CLASS

ALARM COUNT	24	28	41	33	27	27	24
TIME	5:01 17.5%	5:01 21.4%	5:38 16.9%	5:33 18.7%	4:51 13.4%	5:31 13.9%	5:17 13.9%
DRUNK COUNT	3	7	7	4	4	8	9
TIME	0:47 2.7%	2:09 9.2%	3:46 11.3%	4:28 15.0%	1:53 5.2%	2:02 5.1%	2:33 6.7%
FIGHT COUNT	11	2	5	2	3	4	14
TIME	1:58 6.8%	0:16 1.1%	0:39 2.0%	0:13 0.7%	0:44 2.0%	1:28 3.7%	3:51 10.2%
FIREARM VIOLATION COUNT	5	1	6	1	5	3	8
TIME	1:00 3.5%	0:12 0.9%	5:23 16.2%	3:15 10.9%	0:33 1.5%	0:30 1.3%	3:20 8.8%
INDECENT EXPOSURE COUNT	0	1	1	3	2	1	0
TIME	0:00 0.0%	0:10 0.7%	0:31 1.6%	2:33 8.6%	0:50 2.3%	0:41 1.7%	0:00 0.0%
PROWLER COUNT	4	7	5	6	4	4	4
TIME	1:41 5.9%	1:29 6.3%	1:25 4.3%	2:33 8.6%	1:39 4.6%	1:02 2.6%	1:14 3.3%
STOLEN BIKE COUNT	3	3	1	0	1	5	1
TIME	1:29 5.2%	1:49 7.7%	0:28 1.4%	0:00 0.0%	0:00 0.0%	3:30 8.8%	0:21 0.9%
SUSPICIOUS PER/AUTO COUNT	15	18	22	16	26	31	43
TIME	7:02 24.5%	3:21 14.3%	5:54 17.7%	3:49 12.9%	13:59 38.6%	11:46 29.7%	12:13 32.2%
VANDALISM COUNT	24	22	20	14	25	24	18
TIME	9:45 34.0%	9:00 38.4%	9:32 28.7%	7:17 24.5%	11:44 32.4%	13:11 33.2%	9:05 24.0%
TOTAL COUNT	89	89	108	79	97	107	121
TIME	28:43	23:27	33:16	29:41	36:13	39:41	37:54

SPECIAL RADIO REPORT BY DAY OF WEEK

TIME ACCOUNTING PATROL REPORT 1 - NON-CRIME CALLS

PAGE

(BASED ON THE TIME CALL WAS DISPATCHED AND THE TIME CALL WAS COMPLETED)

DATE- 1/ 2/72 - 1/29/72

TIME- 12 AM - 12 AM

LOCATION- CITY

REPORT CLASSIFICATION	* * * ***** * *	DAYS	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
INCIDENT CLASS									
ABANDONED AUTO COUNT			8	9	16	10	12	23	12
TIME			2:29 3.2%	1:40 1.8%	5:25 5.5%	5:56 7.6%	2:26 2.7%	5:31 4.8%	2:57 2.6%
ACCIDENT, AUTO COUNT			36	60	78	50	67	77	88
TIME			25:19 32.5%	47:55 50.8%	58:40 59.7%	34:23 44.2%	51:34 57.2%	58:11 50.2%	59:10 52.1%
AMBULANCE COUNT			20	18	14	13	8	10	22
TIME			9:51 12.6%	6:39 7.1%	5:57 6.1%	5:08 6.6%	3:03 3.4%	4:44 4.1%	9:22 8.3%
ANIMAL CASE COUNT			10	6	3	6	8	14	8
TIME			3:50 4.9%	2:19 2.5%	1:08 1.2%	1:27 1.9%	3:39 4.0%	5:21 4.6%	3:36 3.2%
DOMESTIC TROUBLE COUNT			17	10	9	14	17	21	33
TIME			3:41 4.7%	3:08 3.3%	2:21 2.4%	3:59 5.1%	4:03 4.5%	5:13 4.5%	8:47 7.7%
DISORDERLY COUNT			22	19	24	16	13	41	34
TIME			4:06 5.3%	3:04 3.3%	7:54 8.0%	2:43 3.5%	3:40 4.1%	11:29 9.9%	6:16 5.5%
FIRE COUNT			15	12	10	16	9	11	8
TIME			9:20 12.0%	3:55 4.2%	1:39 1.7%	4:50 6.2%	3:36 4.0%	3:59 3.4%	2:13 2.0%
HAZARDOUS CONDITION COUNT			1	0	1	1	2	0	0
TIME			0:08 0.2%	0:00 0.0%	0:34 0.6%	0:10 0.2%	0:24 0.4%	0:00 0.0%	0:00 0.0%
LOUD PARTY, ETC. COUNT			19	3	4	6	3	9	24
TIME			3:21 4.3%	0:57 1.0%	0:45 0.8%	1:16 1.6%	0:25 0.5%	2:18 2.0%	5:16 4.6%
MISSING PERSON COUNT			12	23	10	9	11	14	10
TIME			6:41 8.6%	12:19 13.1%	4:22 4.4%	4:42 6.0%	5:02 5.6%	6:23 5.5%	5:17 4.7%
OPEN DOOR, WINDOW COUNT			1	2	1	1	0	1	0
TIME			0:20 0.4%	0:16 0.3%	0:32 0.5%	1:34 2.0%	0:00 0.0%	0:10 0.1%	0:00 0.0%
TRAFFIC COMPLAINT COUNT			19	34	34	29	37	34	34
TIME			5:01 6.4%	9:46 10.4%	6:15 6.4%	7:29 9.6%	9:24 10.4%	7:05 6.1%	6:19 5.6%
TROUBLE UNKNOWN COUNT			9	7	7	10	12	18	20
TIME			3:46 4.8%	2:16 2.4%	2:41 2.7%	4:15 5.5%	2:57 3.3%	5:36 4.8%	4:15 3.7%
TOTAL COUNT			189	203	211	181	199	273	293
TIME			77:53	94:14	98:13	77:52	90:13	116:00	113:28

TIME ACCOUNTING REPORT 1 - SELF-INITIATED CALLS

PAGE

(BASED ON THE TIME CALL WAS DISPATCHED AND THE TIME CALL WAS COMPLETED)

DATE- 1/ 2/72 - 1/29/72

TIME- 12 AM - 12 AM

LOCATION- CITY

REPORT CLASSIFICATION	DAYS	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY

INCIDENT CLASS								
ASSIST CITIZEN COUNT		15	8	13	15	7	16	18
TIME		4:08 13.6%	2:00 6.4%	3:19 9.5%	5:18 12.0%	2:24 7.7%	5:01 14.6%	6:01 14.9%
BUILDING CHECK COUNT		0	0	0	0	0	0	0
TIME		0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
ESCORT COUNT		0	7	5	6	11	7	3
TIME		0:00 0.0%	1:36 5.1%	1:28 4.2%	5:07 11.6%	4:12 13.4%	2:36 7.6%	1:45 4.3%
PUBLIC SERVICE COUNT		11	13	13	10	12	7	9
TIME		2:06 6.9%	2:37 8.4%	2:52 8.3%	2:08 4.8%	2:24 7.7%	1:49 5.3%	2:39 6.6%
PHONE CALLS COUNT		6	7	4	6	5	10	6
TIME		3:18 10.9%	3:39 11.7%	1:32 4.4%	3:05 7.0%	2:41 8.6%	5:58 17.4%	4:18 10.7%
PROPERTY LOST/FOUND COUNT		6	7	4	7	5	8	6
TIME		2:31 8.3%	2:27 7.8%	1:49 5.2%	2:54 6.6%	2:47 8.9%	3:05 9.0%	4:39 11.5%
OTHER COUNT		49	53	50	57	51	35	59
TIME		18:17 60.3%	18:56 60.6%	23:44 68.3%	25:42 58.1%	16:50 53.8%	15:48 46.1%	20:55 51.9%
ARREST COUNT		0	0	0	0	0	0	0
TIME		0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
CHECK PERSON COUNT		0	0	0	0	0	0	0
TIME		0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
IMPOUND VEHICLE COUNT		0	0	0	0	0	0	0
TIME		0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
SCHOOL TRAFFIC COUNT		0	0	0	0	0	0	0
TIME		0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
SUMMONS COUNT		0	0	0	0	0	0	0
TIME		0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
VEHICLE STOP COUNT		0	0	0	0	0	0	0
TIME		0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
WARRANT/CAPIAS COUNT		0	0	0	0	0	0	0
TIME		0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
TOTAL COUNT		87	95	89	101	91	83	101
TIME		30:20	31:15	34:44	44:14	31:18	34:17	40:17

(BASED ON THE TIME CALL WAS DISPATCHED AND THE TIME CALL WAS COMPLETED)
 1/ 2/72 - 1/29/72
 TIME- 12 AM - 12 AM
 LOCATION- CITY
 MEN 600 594 580 590 570 564 558
 POWER JAMES MASTIE DENNISMESSINGER ED SWANSON JEFF HINDMAN H SHEEHAN PAUL CAMERON DAVID

COUNT	8	16	10	10	7	34	13
TIME	5:46	6:11	7:13	4:30	5:12	19:11	4:25
PERCENT	22.6%	39.1%	24.5%	18.0%	24.5%	39.0%	47.6%
COUNT	12	11	19	12	7	13	5
TIME	2:27	2:42	8:05	3:45	1:57	2:54	0:53
PERCENT	9.6%	17.1%	27.4%	15.0%	9.2%	5.9%	9.5%
COUNT	26	15	26	30	20	28	11
TIME	10:38	5:07	9:55	15:05	10:19	17:53	2:53
PERCENT	41.6%	32.3%	33.6%	60.2%	48.5%	36.3%	31.1%
COUNT	12	8	12	8	10	13	5
TIME	6:42	1:50	4:17	1:43	3:48	9:16	1:06
PERCENT	26.2%	11.6%	14.5%	6.9%	17.9%	18.8%	11.8%
COUNT	0	0	0	0	0	0	0
TIME	0:00	0:00	0:00	0:00	0:00	0:00	0:00
PERCENT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
COUNT	58	50	67	60	44	88	34
TIME	25:33	15:50	29:30	25:03	21:16	49:14	9:17
ON DUTY	0:00	0:00	0:00	0:00	0:00	0:00	0:00
FOR PATROL	-25:33	-15:50	-29:30	-25:03	-21:16	-49:14	-9:17

SAMPLE REPORT by OFFICER

RADIO CALLS HANDLED BY PATROL OFFICERS

TIME ACCOUNTING PATROL REPORT 1 - SERIOUS CRIME CALLS

PAGE 2

(BASED ON THE TIME CALL WAS DISPATCHED AND THE TIME CALL WAS COMPLETED)

DATE- 1/ 2/72 - 1/29/72 TIME- 12 AM - 12 AM LOCATION- CITY

REPORT	*							
CLASSIFICATION	*	MEN 600	594	580	590	570	564	558
	*	POWER JAMES MASTIE DENNISMESSINGER ED SWANSON JEFF HINDMAN H SHEEHAN PAUL CAMERON DAVID						

INCIDENT CLASS *

ASSAULT COUNT	0	2	0	0	0	1	2
TIME	0:00 0.0%	0:26 7.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:43 3.7%	0:24 9.1%
BURGLARY COUNT	1	9	4	4	5	4	0
TIME	1:03 18.2%	3:36 58.2%	4:31 62.6%	2:27 54.4%	3:52 74.4%	2:04 10.8%	0:00 0.0%
LARCENY COUNT	3	1	3	4	2	10	8
TIME	1:29 25.7%	0:01 0.3%	1:10 16.2%	1:09 25.6%	1:20 25.6%	6:27 33.6%	2:25 54.7%
ROBBERY COUNT	1	1	2	1	0	0	3
TIME	0:58 16.8%	0:47 12.7%	1:08 15.7%	0:46 17.0%	0:00 0.0%	0:00 0.0%	1:36 36.2%
STOLEN AUTO COUNT	3	3	1	1	0	19	0
TIME	2:16 39.3%	1:21 21.8%	0:24 5.5%	0:08 3.0%	0:00 0.0%	9:57 51.9%	0:00 0.0%
TOTAL COUNT	8	16	10	10	7	34	13
TIME	5:46	6:11	7:13	4:30	5:12	19:11	4:25

DATE- 1/ 2/72 - 1/29/72

TIME ACCOUNT PATROL REPORT 1 - LESS SERIOUS CALLS
(BASED ON THE TIME CALL WAS TCHED AND THE TIME CALL WAS COMPLETED)
TIME- 12 AM - 12 AM LOCATION- CITY

PAGE 3

REPORT
CLASSIFICATION

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*
*

MEN 600 594 580 590 570 564 558
POWER JAMES MASTIE DENNISMESSINGER ED SWANSON JEFF HINDMAN H SHEEHAN PAUL CAMERON DAVID

INCIDENT CLASS

INCIDENT CLASS	MEN 600	594	580	590	570	564	558
ALARM COUNT	4	4	2	1	3	4	2
TIME	0:22 15.0%	0:22 13.6%	0:12 2.5%	0:09 4.0%	0:34 29.1%	0:33 19.0%	0:15 28.3%
DRUNK COUNT	0	1	2	0	1	1	1
TIME	0:00 0.0%	0:40 24.7%	0:18 3.7%	0:00 0.0%	0:38 32.5%	0:15 8.6%	0:24 45.3%
FIGHT COUNT	1	1	2	0	0	1	1
TIME	0:07 4.8%	0:29 17.9%	0:12 2.5%	0:00 0.0%	0:00 0.0%	0:08 4.6%	0:05 9.4%
FIREARM VIOLATION COUNT	1	1	1	0	2	0	0
TIME	0:07 4.8%	0:16 9.9%	2:49 34.8%	0:00 0.0%	0:14 12.0%	0:00 0.0%	0:00 0.0%
INDECENT EXPOSURE COUNT	0	0	0	1	0	0	0
TIME	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:36 16.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
PROWLER COUNT	1	0	1	1	0	0	1
TIME	0:17 11.6%	0:00 0.0%	0:50 10.3%	0:07 3.1%	0:00 0.0%	0:00 0.0%	0:09 17.0%
STOLEN BIKE COUNT	0	0	0	0	0	1	0
TIME	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:28 16.1%	0:00 0.0%
SUSPICIOUS PER/AUTO COUNT	4	2	6	5	0	3	0
TIME	1:04 43.5%	0:26 16.0%	1:32 19.0%	1:40 44.4%	0:00 0.0%	0:32 18.4%	0:00 0.0%
VANDALISM COUNT	1	2	5	4	1	3	0
TIME	0:30 20.4%	0:29 17.9%	2:12 27.2%	1:13 32.4%	0:31 26.5%	0:58 33.3%	0:00 0.0%
TOTAL COUNT	12	11	19	12	7	13	5
TIME	2:27	2:42	8:05	3:45	1:57	2:54	0:53

RADIO CALLS HANDLED BY PATROL OFFICERS

TIME ACCOUNTING PATROL REPORT 1 - NON-CRIME CALLS

PAGE 1

(BASED ON THE TIME CALL WAS DISPATCHED AND THE TIME CALL WAS COMPLETED)

DATE- 1/ 2/72 - 1/29/72 TIME- 12 AM - 12 AM LOCATION- CITY

REPORT CLASSIFICATION	* MEN 600	* 594	* 580	* 590	* 570	* 564	* 558
*****	POWER JAMES	MASIE DENNIS	MESSINGER ED	SWANSON JEFF	HINDMAN H	SHEEHAN PAUL	CAMERON DAVID

INCIDENT CLASS

ABANDONED AUTO COUNT	0	0	1	3	0	2	0
TIME	0:00 0.0%	0:00 0.0%	0:10 1.7%	0:19 2.1%	0:00 0.0%	1:43 9.6%	0:00 0.0%
ACCIDENT, AUTO COUNT	9	3	5	9	8	9	2
TIME	6:43 63.2%	2:47 54.4%	2:37 26.4%	7:27 49.4%	5:31 53.5%	10:22 50.0%	0:48 27.7%
AMBULANCE COUNT	5	3	4	2	2	3	0
TIME	1:30 14.1%	1:05 21.2%	3:57 39.8%	1:25 9.4%	0:40 6.5%	0:41 3.8%	0:00 0.0%
ANIMAL CASE COUNT	0	0	0	2	0	0	0
TIME	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:33 3.6%	0:00 0.0%	0:00 0.0%	0:00 0.0%
DOMESTIC TROUBLE COUNT	0	1	0	2	2	1	1
TIME	0:00 0.0%	0:09 2.9%	0:00 0.0%	2:35 17.1%	0:19 3.1%	0:11 1.0%	0:07 4.0%
DISORDERLY COUNT	4	4	4	2	3	4	4
TIME	0:46 7.2%	0:36 11.7%	0:41 6.9%	0:28 3.1%	2:12 21.3%	0:20 1.9%	0:41 23.7%
FIRE COUNT	1	1	0	0	0	0	0
TIME	0:06 0.9%	0:04 1.3%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
HAZARDOUS CONDITION COUNT	0	0	0	0	0	0	0
TIME	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
LOUD PARTY, ETC. COUNT	0	0	5	0	1	1	1
TIME	0:00 0.0%	0:00 0.0%	0:35 5.9%	0:00 0.0%	0:05 0.8%	0:11 1.0%	0:12 6.9%
MISSING PERSON COUNT	0	1	2	2	1	1	1
TIME	0:00 0.0%	0:19 6.2%	0:58 9.7%	0:31 3.4%	0:29 4.7%	1:07 6.2%	0:47 27.2%
OPEN DOOR, WINDOW COUNT	0	0	0	0	0	0	0
TIME	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
TRAFFIC COMPLAINT COUNT	6	2	3	8	1	5	1
TIME	1:15 11.8%	0:07 2.3%	0:45 7.6%	1:47 11.8%	0:35 5.7%	1:53 10.5%	0:08 4.6%
TROUBLE UNKNOWN COUNT	1	0	2	0	2	2	1
TIME	0:18 2.8%	0:00 0.0%	0:12 2.0%	0:00 0.0%	0:28 4.5%	1:25 7.9%	0:10 5.8%
TOTAL COUNT	26	15	26	30	20	28	11
TIME	10:38	5:07	9:55	15:05	10:19	17:53	2:53

RADIO CALL HANDLED BY PATROL OFFICERS
 TIME ACCOUNT PATROL REPORT 1 - SELF-INITIATED CALLS
 (BASED ON THE TIME CALL WAS PLACED AND THE TIME CALL WAS COMPLETED)
 DATE- 1/ 2/72 - 1/29/72 TIME- 12 AM - 12 AM LOCATION- CITY

REPORT *
 CLASSIFICATION * MEN 600 594 580 590 570 564 558
 POWER JAMES MASTIE DENNISMESSINGER ED SWANSON JEFF HINDMAN H SHEEHAN PAUL CAMERON DAVID

 INCIDENT CLASS *
 *

	600	594	580	590	570	564	558
ASSIST CITIZEN COUNT	0	2	0	1	1	0	0
TIME	0:00 0.0%	0:37 33.6%	0:00 0.0%	0:40 38.8%	0:08 3.5%	0:00 0.0%	0:00 0.0%
BUILDING CHECK COUNT	0	0	0	0	0	0	0
TIME	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
ESCORT COUNT	2	0	1	0	1	0	1
TIME	0:18 4.5%	0:00 0.0%	0:14 5.4%	0:00 0.0%	0:07 3.1%	0:00 0.0%	0:08 12.1%
PUBLIC SERVICE COUNT	1	1	1	1	0	5	1
TIME	0:13 3.2%	0:04 3.6%	0:08 3.1%	0:12 11.7%	0:00 0.0%	1:01 11.0%	0:08 12.1%
PHONE CALLS COUNT	1	0	0	0	1	1	0
TIME	0:53 13.2%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:24 10.5%	0:24 4.3%	0:00 0.0%
PROPERTY LOST/FOUND COUNT	0	0	1	1	1	1	0
TIME	0:00 0.0%	0:00 0.0%	0:11 4.3%	0:11 10.7%	0:12 5.3%	0:14 2.5%	0:00 0.0%
OTHER COUNT	8	5	9	5	6	6	3
TIME	5:18 79.1%	1:09 62.7%	3:44 87.2%	0:40 38.8%	2:57 77.6%	7:37 82.2%	0:50 75.8%
ARREST COUNT	0	0	0	0	0	0	0
TIME	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
CHECK PERSON COUNT	0	0	0	0	0	0	0
TIME	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
IMPOUND VEHICLE COUNT	0	0	0	0	0	0	0
TIME	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
SCHOOL TRAFFIC COUNT	0	0	0	0	0	0	0
TIME	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
SUMMONS COUNT	0	0	0	0	0	0	0
TIME	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
VEHICLE STOP COUNT	0	0	0	0	0	0	0
TIME	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
WARRANT/CAPIAS COUNT	0	0	0	0	0	0	0
TIME	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%	0:00 0.0%
TOTAL COUNT	12	8	12	8	10	13	5
TIME	6:42	1:50	4:17	1:43	3:48	9:16	1:06

APPENDIX V

GLOSSARY OF RADIO INCIDENT CODES

HOMICIDE

The reported killing of a human being. This code is rarely used to dispatch cars; codes such as SUDDEN DEATH, etc., are most common.

RAPE (Reported by Citizen)

The carnal and unlawful knowing of any female child under age or by forcibly ravishing any woman.

ATTEMPT RAPE (Reported by Citizen)

Report of attempt to rape in which the sexual act was not completed (e.g., rapist driven away, physically unable to complete).

ROBBERY (Reported by Citizen)

Category name covering five codes descriptive of robberies used when more specific information is not available.

HOLDUP IN PROGRESS (Reported by Citizen)

Information from victim or witness indicates that a holdup is in progress at specified location.

PURSE SNATCHING (Reported by Citizen)

Woman's handbag or purse taken by grabbing or snatching - no weapon used. Offender no longer at the scene.

STRONG-ARM (ROBBERY), (Reported by Citizen)

Robbery by physical force or threat, no weapon used. Offender no longer at scene.

HOLDUP (Reported by Citizen)

Property taken from a person or in the presence of a person, against his will, using a weapon to threaten. Offender no longer at scene.

ATTEMPT HOLDUP (SPECIFY), (Reported by Citizen)

Incomplete holdup reported in which thief has been thwarted or frightened away in some manner.

ASSAULT (Reported by Citizen)

Assaulting or beating of another person - without weapons, common assault; with weapon, attempt to kill. Broad application, not specific as follows.

CUTTING (Reported by Citizen)

Person cut with a knife or sharp object.

SHOOTING (ASSAULT), (Reported by Citizen)

Person(s) shot.

SHOTS FIRED (Reported by Citizen)

Person reports sound of gunfire or observes person firing a weapon.

BURGLARY (Reported by Citizen)

Breaking and entering a dwelling or building, degree determined by whether building is occupied or not; also, general category when more specific information is not available.

WINDOW SMASHING (Reported by Citizen)

Usually glass broken by thief, merchandise or goods stolen, building probably not entered.

ATTEMPT BURGLARY (Reported by Citizen)

Entrance not gained - attempted. Usually no suspect.

BURGLAR IN BUILDING (Reported by Citizen)

Self-explanatory.

PROWLER (Reported by Citizen)

Person(s) prowling with intent to steal or loot; also, general category when more specific information is not available.

PROWLER ATTEMPTING ENTRY (SPECIFY), (Reported by Citizen)

Prowler attempting to enter premises, as specified.

LARCENY (Reported by Citizen)

Stealing - O/50 (over \$50.00) felony, U/50 (under \$50.00) misdemeanor; general category when more specific information is not available.

COMMITTING LARCENY AT THIS TIME (SPECIFY), (Reported by Citizen)

Self-explanatory, as specified.

HOLDING A PERSON FOR LARCENY (Reported by Citizen)

Citizen holding a larceny suspect.

ATTEMPT LARCENY (Reported by Citizen)

Attempt to steal property (e.g., thief frightened away, victim routs thief). Patrol vehicle dispatched to take report.

STOLEN LICENSE (Reported by Citizen)

Stolen vehicle license, patrol vehicle dispatched if necessary.

TAMPERING WITH AUTO (TYPE, PERSON), (Reported by Citizen)

Apparently unauthorized person(s), as specified, tampering with a motor vehicle.

AUTO THEFT (Reported by Citizen)

Stolen motor vehicle (e.g., auto, truck, taxi, bus).

DESTRUCTION OF PROPERTY (Reported by Citizen)

Defaced or damaged property due to breaking or cutting, tearing down, removing any supports to cause collapse, etc.

FRAUD (Reported by Citizen)

Report of one person obtaining money, property or valuables from another person by trick, deception or false representation.

BOGUS CHECK (Reported by Citizen)

Victim in possession of bogus check (returned from bank), officer dispatched to take report.

HOLDING PERSON FOR (SPECIFY), (Reported by Citizen)

A person is being detained for suspicion of committing an offense (e.g., bogus check, fraud), usually by the victim or other citizen.

SEX OFFENSE (Reported by Citizen)

General category covering codes used when more specific information is not available.

CHILD MOLESTATION (Reported by Citizen)

Touching a minor, any part, by an adult.

INDECENT ACT (Reported by Citizen)

Exposing person, lewdness, possibly in progress.

A NUDE (SPECIFY), (Reported by Citizen)

Nude person; maybe victim of robbery or a mental case. Dispatcher announces "Nude Person" without mention of sex; "specify" refers to location or other description of the situation.

FLOURISHING (Reported by Citizen)

Report of the flourishing of an unknown type of weapon by a person.

FLOURISHING REVOLVER, SHOTGUN, AXE, KNIFE, ETC. (SPECIFY), (Reported by Citizen)

Report of the flourishing of specified type of weapon, threatening injury to a person or persons.

PERSON DOWN (Reported by Citizen)

Person down, apparently disabled, exact reason unknown.

DISTURBANCE (Reported by Citizen)

The willful interference of the peace of a person or persons.

FIGHT (SPECIFY), (Reported by Citizen)

Physical combat, specify if any weapons are being used.

TRAFFIC VIOLATION

Officer observes traffic violation; occasionally reported by the public; also, general category when more specific information is not available.

VIOLATION (SPECIFY TYPE), (Reported by Citizen)

Violation of traffic regulations in the manner specified (e.g., illegal parking).

CARELESS DRIVING (SPECIFY), (Reported by Citizen)

Operation of a vehicle in a careless or reckless manner as specified (e.g., racing).

TRAFFIC CONGESTION (Reported by Citizen)

Self-explanatory; officer dispatched to control traffic.

ALARM SOUNDING (SPECIFY), (May be Reported by Citizen)

Alarm sounding on exterior of building, usually a bell audible in immediate neighborhood. This category covers radio codes when more specific information is not available.

ALARM SOUNDING, MAN ON WAY - NOT ON WAY

Burglar alarm sounding, Police Department notified by an alarm company by telephone; also, to report whether or not security company men will go to the scene, usually to secure premises.

EMPLOYEE IN BUILDING (ALARM SOUNDING)

Reporting officer is informed of employee in building in order to prevent his being mistaken for an intruder.

HOLDUP ALARM, MAN ON WAY - NOT ON WAY

Business or home equipped with electronic or telephone device alerting Police Department of emergency. The alarm systems are maintained by private security service firms which may receive the initial alert and then notify the police. A serviceman often reports to the scene to check for faults in the system or to reset the alarm, hence "man on way - not on way."

INJURY (Reported by Citizen)

Person injured (other than by a motor vehicle), aid requested from Police Department; also, general category when more specific information is not available.

INJURY (SPECIFY AMBULANCE OR CRUISER ON WAY), (Reported by Citizen)

Ambulance or other conveyance enroute to assist in response to notification of injury to a person or persons (injury other than by a motor vehicle).

HOSPITAL, NAME, INJURY, FROM (ACCIDENT)

"Hospital" informs Police Department of a person ("name") injured at specified location ("from") suffering from an "injury" of the type specified, due to causes other than by a motor vehicle.

FIRE (Reported by Citizen or Fire Department)

Usually information from Fire Department, however, on occasion citizen calls police instead. May include request for police assistance to control crowds and to direct traffic, or to aid in the rescue of person(s) trapped; also, general category covering radio codes when more specific information is not available.

ALARM (SPRINKLER OR STILL)

Fire Alarm - notification to Police Department of a fire by Fire Department and request for dispatch of patrol unit.

BURNING RUBBISH (Reported by Citizen)

Officers respond to report of burning rubbish, a violation of a city ordinance. They extinguish the fire or call the Fire Department and may issue a summons.

SPECIAL CALL FOR APPARATUS (Self-initiated by Officer)

Request for special fire fighting equipment, usually to flush gasoline or petroleum from streets, or to supply ladders for police officer.

BUILDING COLLAPSE (Reported by Citizen)

Building collapsed (result of storm, accident, deterioration, etc.).

EXPLOSION (Reported by Citizen)

Report of the explosion of a building or street due to gas accumulations, fire, etc.

ACCIDENT (Reported by Citizen)

Motor vehicle (e.g., auto, bus, truck) accident; general category when more specific information is not available.

ACCIDENT AND INJURY (Reported by Citizen)

Motor vehicle accident, person(s) injured.

HIT AND RUN (Reported by Citizen)

Person struck by a vehicle that fails to remain at the scene of the accident.

PERSON STRUCK (SPECIFY IF OTHER THAN BY AUTO), (Reported by Citizen)

Conveyance dispatched with police car to scene of accident; specification identifies vehicle such as truck, bus, etc.

ACCIDENT, AUTO ABANDONED (Reported by Citizen)

Report of a motor vehicle accident in which one driver has abandoned his vehicle and left the scene (he may have stolen the vehicle).

ACCIDENT INFORMATION (Reported by Citizen)

Information regarding an earlier motor vehicle accident.

HOSPITAL, NAME, ACCIDENT INFORMATION (Reported by Citizen)

Report of vehicle accident made from specified hospital, by specified person.

ANIMAL CASE (Reported by Citizen)

Cruelty to animal, sick animal (not mad); general category when more specific information is not available.

ANIMAL BITE (Reported by Citizen)

Person bitten by animal, may require medical attention or police report, or both.

INJURED ANIMAL (SPECIFY TYPE), (Reported by Citizen)

Animal struck by vehicle, abused by person, etc., as specified.

SUPPOSED MAD ANIMAL (SPECIFY TYPE), (Reported by Citizen)

Reported mad animal, rabid, foaming at the mouth, etc.

ANIMAL AT LARGE (SPECIFY TYPE), (Reported by Citizen)

Citizen report of specified type of animal at large, endangering persons, blocking traffic, etc.

SICK CASE (Reported by Citizen)

Person(s) ill, request transportation to hospital.

OBSERVATION CASE (MENTAL HEALTH), (Reported by Citizen)

"O.B.S." case - mental illness indicated, transport person to public hospital clinic.

CONFINEMENT CASE, AMBULANCE ON WAY OR NOT (Reported by Citizen)

"O.B." case - obstetric case, usually to convey expectant mother to a hospital.
Specify if conveyance is ambulance (patrol car may be used).

POISON CASE (Reported by Citizen)

Person ill from poisoning by drugs, household chemicals, etc.

INVESTIGATE, CALL FOR AMBULANCE

Police Department notified by city ambulance dispatcher to investigate a call for an ambulance. If no ambulance service is available, ambulance dispatcher may request incident to be handled by police; caller may indicate suspected foul play.

SUDDEN DEATH (Reported by Citizen)

Dead person found, apparently recently deceased.

SUPPOSED SUDDEN DEATH (Reported by Citizen)

Informant is not sure victim has expired.

SUICIDE BY (SPECIFY), (Reported by Citizen)

Person apparently dead from self-inflicted wounds (e.g., shot, cut, hanging, overdose of drugs, poison), as specified.

ATTEMPT SUICIDE BY (SPECIFY), (Reported by Citizen)

Person attempted suicide by specified means, e.g., drowning, poison, gas, drugs.

FLOATER (Reported by Citizen)

Dead body found in water (e.g., river, lake, bathtub) described as a "floater."

Dry floater: dead body found in room, shed, vehicle, etc., partially or completely decomposed.

ASSIST

Assist another officer with an incident or assignment; also, general category when more specific information is not available.

ASSIST OFFICER IN NEED OF AID (Reported by Citizen or Officer)

Officer in danger from assault by person(s).

ASSIST AN AMBULANCE DRIVER

Officer required to assist with carrying a stretcher or litter, help with inhalator or other breathing device, etc.

MEET (AN OFFICER, WATCHMAN, CAR, ETC.)

Meet an officer or other specified person, for a specified reason.

MISCELLANEOUS HAZARDS (Reported by Citizen)

Category name descriptive of thirteen codes concerning various types of hazards, used when more specific information is not available.

WIRES DOWN (Reported by Citizen)

Electric or telephone wires hanging down from supports, often the result of windstorms or accidents, creating a hazard to pedestrians or vehicles.

WIRES BURNING (Reported by Citizen)

Electric or telephone wires burning, often the result of a storm or accident, creating a hazard.

TREE DOWN (Reported by Citizen)

Tree on public property or street, having fallen down, is blocking passage by pedestrians or motor vehicles.

DEPRESSION (Reported by Citizen)

Hazardous depression in street, road, highway, sidewalk or any public passageway.

INVESTIGATE ODOR OF GAS (Reported by Citizen)

Investigate possibility of suicide or attempt; possible danger to invalids or small children; or, possible explosion hazard. Laclede Gas Company notified.

DUMPING RUBBISH (Reported by Citizen)

Self-explanatory; offender usually not at scene.

LOCK OUT (Reported by Citizen)

Person locked out of building, someone inside may be in danger (e.g., small child, invalid, or other helpless person).

OBSTRUCTION (HAZARD), (Reported by Citizen)

Road, street, highway, etc., obstructed by some object.

INVESTIGATE OPEN DOOR (Reported by Citizen or Officer)

Door open at business closed for day or at unoccupied residence.

BOYS (SPECIFY WHAT THEY ARE DOING), (Reported by Citizen)

Boys throwing objects (e.g., bottles, stones), playing in restricted area (e.g., streets, alleys, vacant building), etc., as specified.

SUPPOSED EXPLOSIVE DEVICE (Reported by Citizen)

Person observes an article labeled "dynamite," "explosive" or other title; observes apparent bomb or grenade.

UNNECESSARY NOISE (Reported by Citizen)

Self-explanatory (e.g., loud radio, auto horn).

SUNDRY (SPECIFY), (HAZARD), (Reported by Citizen)

Any miscellaneous hazard not listed in the Radio Incident Code (e.g., missing sewer lid), as specified.

CALL FOR POLICE (Reported by Citizen)

Telephone caller needs police help, operator unable to determine nature of assistance needed.

SUSPICIOUS PERSON (SPECIFY), (Reported by Citizen)

Police Department is notified of a person acting in a suspicious manner (e.g., loitering, begging), as specified.

INVESTIGATE OCCUPANTS OF AUTO (SPECIFY), (Reported by Citizen)

Police officer is dispatched to investigate the occupants of an auto that are acting suspiciously (e.g., persons examining a place of business), as specified.

INVESTIGATE AUTO (SPECIFY), (Reported by Citizen)

Investigate a parked unoccupied vehicle reported as suspicious by a citizen; usually parked, special circumstances as specified.

AUTO PATROL DUTIES (Self-initiated by Officer)

General phrase used by officers to describe self-initiated auto patrol duties. This code serves as a title for codes but is rarely used when more specific information is

FOOT PATROL (Self-initiated by Officer)

Officer patrols a specified area on foot.

BUILDING CHECK (Self - initiated by Officer)

Visual inspection of unoccupied building.

UNOCCUPIED CAR CHECK (Self-initiated by Officer)

Self-initiated check by officers of unoccupied vehicle.

OCCUPIED CAR CHECK (Self-initiated by Officer)

Officer investigates an occupied vehicle.

MEALS (Self-initiated by Officer)

Officer's meals.

PERSONAL RELIEF (Self-initiated by Officer)

Self-explanatory.

NOTIFICATION (AUTO PATROL DUTIES), (Self-initiated by Officer)

Officer to notify a citizen of an event such as death in family, accident victim, etc.

PEDESTRIAN CHECK (Self-initiated by Officer)

Surveillance or interrogation of a pedestrian.

BUSINESS INTERVIEW (Self-initiated by Officer)

Interview owner or manager of business establishment to maintain office files for person(s) to be contacted in case of emergency.

BENCH WARRANTS SERVICE (Self-initiated by Officer)

Police officer delivers a warrant requiring a person(s) appearance in police court.

REQUEST FOR SUMMONS (Self-initiated by Officer)

Officer is instructed to issue a court summons, usually by one of his superiors in the field (e.g., his sergeant).

GARAGE (Self-initiated by Officer)

Officer requests to go to police garage.

RADIO REPAIR (Self-initiated by Officer)

Vehicle goes to Radio Repair Section.

WASH RACK (Self-initiated by Officer)

Vehicle to be washed.

AUTO TROUBLE (POLICE VEHICLE), (Self-initiated by Officer)

Vehicle inoperable (e.g., flat tire, engine trouble).

COURT

Officer goes to court, usually to serve as a witness for the prosecution.

WARRANT OFFICE (Self-initiated by Officer)

Officer goes to Warrant Office, usually to obtain a warrant for the arrest of a suspect.

PREVENTIVE MAINTENANCE (Self-initiated by Officer)

Mechanical inspection and maintenance of police vehicle.

GAS (Self-initiated by Officer)

Refuel police vehicle.

ASSIST A MOTORIST (Self-initiated by Officer)

Officer gives directions or summons aid for disabled vehicle.

MISCELLANEOUS (Self-initiated by Officer)

Auto patrol duty not listed in the Radio Incident Code or any self-initiated activity likely to be classified under codes when more specific information is not available.

LOST ARTICLE (Reported by Citizen)

Item or property lost (not stolen).

MISSING PERSON (Reported by Citizen)

Person missing from his home, reported by a parent or close relative (e.g., wife, husband, child). Not kidnapping. Complaint usually referred to district headquarters.

HOLDING A MISSING PERSON (SPECIFY), (Reported by Citizen)

Self-explanatory (e.g., citizen holding lost child), as specified.

ADDITIONAL INFORMATION (SUPPLEMENTARY), (Reported by Citizen)

Additional information on a previously reported incident.

RECOVERED AUTO

Vehicle recovered which had previously been reported stolen. Recovery by officer, owner, or other citizen. Supplementary information obtained for police report on theft of vehicle..

RECOVERED LICENSE (Reported by Citizen)

Vehicle license recovered, previously lost or stolen; information obtained for supplementary report; occasionally self-initiated by officer.

RECOVERED ARTICLE (Reported by Citizen of Officer)

Article or piece of property has been recovered (found); supplementary report submitted by officer.

COMMUNICATION (Reported by Officer)

Message dispatched by one officer to another officer or police agency giving or requesting information.

CALL YOUR STATION

Officer to phone his precinct headquarters.

CALL STATION NUMBER (SPECIFY)

Call specified telephone station, usually other than assigned district station.

GO TO YOUR STATION

Officer goes to district station for a specified reason.

CAR NUMBER _____, GO TO RADIO REPAIR

Specific vehicle sent to Radio Repair Section for repair of radio equipment.

CAR NUMBER _____, GO TO GARAGE (VEHICLE MAINTENANCE)

Officers notified to bring vehicle to garage.

11 HOMICIDE
 *1120 RAPE -
 1121 Attempt Rape
 *1122 ROBBERY
 1123 Hold-up in Progress
 1133 Horse Snatching
 *1133 Strong Arm
 *1134 Hold-up
 *1135 Attempt Hold-up (specify)
 *1140 ASSAULT
 1141 Cutting
 1142 Shooting
 *1143 Shots Fired
 1110 BURGLARY
 *1111 Window Smashing
 2112 Attempt Burglary
 *1113 Burglar in Building
 *1114 Prowler
 *1115 Prowler Attempting Entry (specify)
 2120 LARCENY
 *2121 Committing at this time (specify)
 *2122 Holding a Person for Larceny
 2123 Attempt Larceny
 *2124 Stolen License
 *2125 Tampering with Auto (specify)
 2130 AUTO THEFT
 210 DESTRUCTION OF PROPERTY
 3120 FRAUD
 3121 Bogus Check
 *3122 Holding Person for (specify)
 *3123 Sundry (specify)
 4120 SEX OFFENSE
 4121 Child Molestation
 *4122 Indecent Act
 *4123 A Nude (specify)
 210 FLOURISHING
 *211 Revolver, Shotgun, Axe, Knife, etc. (specify)
 4220 PERSON DOWN
 4230 DISTURBANCE
 *4231 Fight
 *4232 Public Accommodation
 4233 One Man Disturbance
 6100 TRAFFIC VIOLATION
 6110 Violation (specify)
 6120 Careless Driving (specify)
 6130 Traffic Congestion

*7100 ALARM SOUNDING (specify)
 *7101 Man on Way-Not on Way
 *7102 Employee in Building
 *7103 Holdup Alarm (man on way-not on way)
 7105 INJURY
 7106 Injury (specify auto or cruiser on way)
 7107 Hospital, Name, Injury, From _____
 7110 FIRE
 7111 Alarm (Sprinkler or Still)
 7112 Burning Rubbish
 7113 Special Call for Apparatus
 7114 Building Collapse
 7115 Explosion
 7120 ACCIDENT
 *7121 Accident and Injury
 *7122 Hit and Run
 *7123 Person Struck (specify)
 7124 Accident, (Auto Abandoned)
 7125 Accident Information
 7126 Hospital, Name, Accident Information
 7130 ANIMAL CASE
 7131 Animal Bite
 7132 Injured Animal (specify)
 7133 Supposed Mad ____ (specify)
 7134 Animal at Large (specify)
 7140 SICK CASE
 *7141 Observation Case
 7142 Confinement Case, Amb. on way or not
 7143 Poison Case
 7144 Investigate, call for ambulance
 7150 DEATH
 7151 Sudden Death
 7152 Supposed Sudden Death
 7153 Suicide by (specify)
 *7154 Attempt Suicide by (specify)
 7155 Floater
 7160 ASSIST
 *7161 Assist Officer in Need of Aid
 7162 Assist Ambulance Driver
 7163 Meet (an officer, watchman, car, etc.)
 7164 Hospital Conveyance (cruiser only)
 7165 Prisoner Conveyance (cruiser only)
 7166 Property Conveyance (cruiser only)
 7170 MISCELLANEOUS HAZARDS
 7171 Wires Down
 7172 Wires Burning
 7173 Tree Down
 7174 Depression
 7175 Investigate Odor of Gas
 7176 Dumping Rubbish
 7177 Lock Out
 7178 Obstruction
 *7179 Investigate Open Door
 7180 Boys (specify what they are doing)
 7181 Supposed Explosive Device
 7182 Unnecessary Noise (specify)
 7183 Sundry (specify)

*7185 CALL FOR POLICE
 7190 SUSPICIOUS
 *7191 Person (specify)
 *7192 Inv. Occupants of Auto
 7193 Inv. Auto
 7200 AUTO PATROL DUTIES
 7201 Foot Patrol
 7202 Building Check
 7203 Unoccupied Car Check
 7204 Occupied Car Check
 7205 Meals
 7206 Personal Relief
 7207 Notification
 7208 Pedestrian Check
 7209 Business Interview
 7210 Bench Warrants Service
 7211 Request for Summons
 7212 School Signs Turned
 7213 Playground Signs Turned
 7214 Laclede Garage
 7215 Radio Repair
 7216 Washrack
 7217 Auto Trouble
 7218 City Court
 7219 Warrant Office
 7220 Prisoner Processing
 7221 City Counselor
 7222 Preventive Maintenance
 7223 Gas
 7224 Assist a Motorist
 7225 Miscellaneous
 7230 LOST ARTICLE
 7240 MISSING PERSON
 7241 Holding a Missing Person (specify)
 7250 ADDITIONAL INFORMATION (SUPPL.)
 7251 Recovered Auto
 7252 Recovered License
 7253 Recovered Article
 7320 COMMUNICATION
 7330 ADMINISTRATIVE CALLS
 7331 Call Your Station
 7332 Call Station No. ____ (specify)
 7333 Go to Your Station
 7334 Car No. ____ go to Radio Repair
 7335 Give a 10-Second Test
 7336 Ambulance No. ____ Call Your Dispatcher
 7337 Car No. ____ go to Laclede Garage
 7340 ARREST

RADIO DISPOSITION CODES

UNFOUNDED CODES

CODE A. (ADAM) NO BONA FIDE INCIDENT, BUT HAVE NAME OF WITNESS.
CODE B. (BOSTON) NO VICTIM OR WITNESS CAN BE FOUND.
CODE C. (CHARLES) NO SUCH ADDRESS.
CODE D. (DAVID) DISPOSITION PREVIOUSLY SUBMITTED ON SAME INCIDENT; OR
DISPOSITION TO BE SUBMITTED BY A DIFFERENT CAR. (INDI-
CATE REASON AND RADIO CALL LETTERS OF CAR THAT WILL
GIVE DISPOSITION.)

PEACE DISTURBANCE AND COMPLAINANT CODES

CODE E. (EDWARD) PERPETRATOR GONE ON ARRIVAL, NO ARREST OR SUMMONS, NO
PROSECUTION OR INJURY, NO CITY COUNSELOR'S REFERRAL CARD
ISSUED.
CODE F. (FRANK) PEACE RESTORED-NO ARREST OR SUMMONS, NO PROSECUTION OR
INJURY, NO CITY COUNSELOR'S REFERRAL CARD ISSUED.

FIRE CODES

CODE G. (GEORGE) FIRE-NO PERSONS ARE INJURED OR REQUIRE MEDICAL ATTENTION,
NO EXPLOSION OR ARSON SUSPECTED.
CODE H. (HENRY) FALSE ALARM OF FIRE, NO ARREST, SUSPECT UNKNOWN.

PROWLER CODE

CODE I. (IDA) NO DESCRIPTION OF SUSPECT AND/OR PERTINENT INFORMATION.

MISCELLANEOUS HAZARD CODE

CODE J. (JOHN) OTHER AGENCY NOTIFIED, NO PERSONS ARE INJURED OR REQUIRE
MEDICAL ATTENTION, PUBLIC HEALTH OR SAFETY NOT IMPAIRED.

MISCELLANEOUS INCIDENT CODES

CODE K. (KING) SICK CASE-NOT POLICE PERSONNEL, NO POISON CASE, DEATH
NOT APPARENT, NO SUSPICIOUS CIRCUMSTANCES.
CODE L. (LINCOLN) ACCIDENTAL INJURY-ACCIDENTAL INJURY ON PRIVATE PROPERTY
AND/OR FROM ANOTHER JURISDICTION, NOT POLICE PERSONNEL,
DEATH NOT APPARENT, NO SUSPICIOUS CIRCUMSTANCES.
CODE M. (MARY) SUSPICIOUS: PERSON - AUTO - OCCUPANT OF AUTO.
PERSON-CAN ACCOUNT FOR HIS PRESENCE.
AUTO-NOT STOLEN OR WANTED.
CODE N. (NORA) CALL FOR POLICE-NO POLICE SERVICE NECESSARY.
CODE O. (OCEAN) ALARM SOUNDING - ACTIVATED ALARM.
BURGLAR ALARM-NO ENTRANCE ATTEMPT EVIDENT.
HOLDUP ALARM-ALARM SET OFF ACCIDENTALLY.
CODE R. (ROBERT) NON-CRIMINAL INCIDENT, NO WRITTEN REPORT REQUIRED, NO
OTHER CODE PROVIDED.

NOTE: ALL OFFICERS MUST EXERCISE CAUTION TO INSURE THAT A CODE USED FOR
DISPOSITION ACCURATELY REFLECTS THE CIRCUMSTANCES OF THE INCIDENT.
SEE SPECIAL ORDER 69-S-8 FOR DETAILED INSTRUCTIONS.

END

7. 11-13-11