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DEPARTMENT OF  
DATA MANAGEMENT

CITY OF SACRAMENTO  
CALIFORNIA

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June 17, 1987

**JAMES L. PUTHUFF**  
DIRECTOR

Budget and Finance Committee  
Sacramento, California

**ALFRED S. ORTIZ**  
INFORMATION SYSTEMS  
MANAGER

Honorable Members in Session:

**VAN MITCHELL**  
OPERATIONS MANAGER

SUBJECT: Report Back on Automation Master Plan

**MARV BROYLES**  
TECHNICAL SYSTEMS  
MANAGER

**SUMMARY**

The City's automation master plan is a dynamic document that changes with every major request for automation assistance. Priorities for master plan projects are determined by the Management Information Executive Committee (MIEC). As this report will illustrate, the Data Management staff is concentrating on the Conversion from the Sperry computer to the new IBM computer (Exhibit B), the development of new master plan projects, and maintenance on existing application systems.

This is a report back as requested by the Committee during budget review and is informational only. There is no required Committee action.

**BACKGROUND**

The City has had an Automation Master Plan since 1978 and Master Plan projects have been implemented as rapidly as manpower permits. Some of the original projects were re-evaluated and were found to be better suited for implementation on microcomputers, others were withdrawn when the new financial system (LGFS) was implemented, and some were cancelled when it was determined not to be cost justified. The attached list of Automation Master Plan Projects (Exhibit A) identifies four categories of project:

I. Open Pool- These are projects that are yet to be started. There are projects on this list that may be partially satisfied by modules of the LGFS system and others that may be

included in the Public Safety project. More detailed analysis needs to be completed to determine the disposition of each open pool project.

NOTE: This list has not been re-prioritized in over a year because of other high priority commitments.

II. IN PROCESS- These are projects that are either being worked on at this time or projects that are known to be incorporated into other projects such as LGFS and the Public Safety project.

III. COMPLETED- These are projects that have been completed over the past three years. The last year and a half, however, was almost totally dedicated to the acquisition and implementation of the LGFS system and the IBM computer on which to run the LGFS system.

IV. CANCELLED- These are projects that were cancelled because the project was not cost justified, was implemented on microcomputers, was determined not to be a good automated project, and/or is being implemented as part of a totally new application system process.

In 1986 the Master Plan was significantly changed through the decision to implement the Local Government Financial System (LGFS). There were several financially orientated projects on the Master Plan that were incorporated into the LGFS system.

By implementing LGFS the City eliminated the need to develop separate financial modules and thus allow the staff to concentrate on the analysis, design and implementation of systems that will benefit the City in non-financial areas such as City Clerk, Labor Relations, Community Center and Public Works.

The Open Pool list is at least a year old and has not had any major projects added in that period. When conversion is completed and the IBM computer has stabilized, there will be a renewed effort to develop new application systems. The new environment will provide excellent terminal response, space for large data files, remote print capabilities, laser printing facilities, graphics, and a trained, technical staff for development and support.

CITY OF SACRAMENTO  
 DATA MANAGEMENT DEPARTMENT  
 AUTOMATION MASTER PLAN PROJECTS

OPEN POOL

<u>Rank</u>	<u>Subject Title</u>	<u>Dept.</u>	<u>Status</u>
1	1915 Assessment Bond	Accounting	Open
2	DBIA System	Accounting	Open
3	Automated Financial Statement	Finance	Open
4	Budget Master File	Finance	Open
5	Budget Projected Expenditures	Finance	Open
6	Automated Geo-Code System Enhancements	Traffic	Open
7	Expanded Parcel File System	Planning	Open
8	Evidence Control System	Police	Open
9	Inception To-Date Revenues	Financial	Open
10	Labor Relations Costing System	Emp. Relations	Open
11	Bond Registration	Accounting	Open
12	History Ordinance Card File Conversion	City Clerk	Open
13	Crime and Activity Summaries	Police	Open
14	Stolen Property Index	Police	Open
15	Election Calendar	City Clerk	Open
16	City Clerk Billings	City Clerk	Open
17	City Clerk Claims	City Clerk	Open
18	Boards and Commissions	City Clerk	Open

Number 18


IN PROCESS

<u>Rank</u>	<u>Subject Title</u>	<u>Dept.</u>	<u>Status</u>
1	Weed Abatement	Revenue	In Process
2	Pension Payroll System	Personnel	Open
3	Cashiering	Cashiering	In Process
4	U.B. Information System "CRIB"	Revenue	In Process
5	Cash Accountability (FMIS)	Finance	In Process

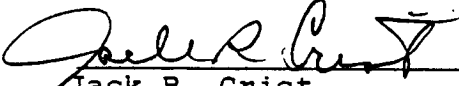
CONCLUSIONS

The Data Management Department must continue to convert as rapidly as possible from the Sperry to the IBM. The sooner the conversion is complete the sooner the City can eliminate the significant maintenance cost of the Sperry computer, and the sooner the City can get on with the development of new automated application systems that will assist City departments to perform their work more effectively and efficiently.

Respectfully submitted,

  
Jim Puthuff  
Director of Data Management

Recommendation Approved:

  
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Jack R. Crist  
Deputy City Manager

**DATA MANAGEMENT**  
**CONVERSION PROJECT STATUS REPORT**

May 28, 1987

<u>Kernel</u>	<u>Identification</u>	<u>Target Start</u>	<u>Status</u>	<u>Date</u>
A. K00	Payroll M/F Inq and Salary Schedule On-Line	1/3/87	Production	2/2/87
B. K01	Centrex/Non Centrex	3/2/87	Production	4/16/87
C. K03	Geocode File Maint	3/4/87	Test to Production	5/21/87
D. K04	Energy Management	3/2/87	Test to Production	5/21/87
E. K05	Accident/Citation Rpting	3/23/87	Parallel Test	5/1/87
F. K07	City Clerk Automated Index	3/24/87	Parallel Test	4/10/87
G. K11	Workers Compensation	5/26/87	Started	5/26/87
H. K06	Senior Citizens Tax Rebate	9/28/87		
I. K12	Payroll and Position Control Sytems	10/5/87		
J. K13	Utility Bill/Bonds/Parcel	1/25/88		
K. K08	Uniform Fire Reporting (UFIRS)	6/6/88		
L. K14	Business Tax/Rental Tax	7/5/88		
M. K09	Fire Company Inspections and Fire Permit Systems	7/18/88		
N. K15	Fixed Assets	8/15/88		
O. K17	City Trees	8/15/88		
P. K02	Pension Payroll	Rewrite	Programming	4/1/87
Q. K10	Animal License System	Rewrite	Production	4/27/88
R. K16	Weed Abatement (SWANS)	Rewrite	Programming Started	5/26/87

6	Cash Accountability (GL/Moneymax)	Finance	In Process
7	Interest Apportionment	Treasurer	In Process
8	Investment Accounting	Treasurer	In Process
9	Conversion from Sperry to IBM	Data Mgmt	In Process

Number 9

COMPLETED

<u>Previous Rank</u>	<u>Subject Title</u>	<u>Dept.</u>	<u>Status</u>
7	Business Tax System	Enf. & Coll	Completed
22	Transfer Tax On-Line	Enf. & Coll	Completed
6	Animal License System	Enf. & Coll	Completed
10	Payroll Modification II & PAR Mod (#10)	Accounting	Completed
5	Payroll Modification I (Fin/Per)	Accounting	Completed
3	Position Control System	Personnel	Completed
1	Energy Consumption Reporting	Gen. Svcs	Completed
3	Automated Geo-Coding/CAD Interface	Police	Completed
1	Police MCI Grant	Police	Completed
1	Fire Dept. Company Inspection	Fire	Completed
3	Route Number and Day Change	Solid Waste	Completed

Number 11

CANCELLED

<u>Subject Title</u>	<u>Dept.</u>	<u>Status</u>
City Testing/Certification System	Personnel	Micro Sys
Insurance Information System	Personnel	Manual
SCARS Front-End Processing (MCI Grant)	Police	No Funding
Field Contact	Police	Mini Sys
Create Crime Analysis Data	Police	Mini Sys
Academy Personnel System	Police	Micro Sys
Parcel Owner Changes	Public Works	Interface to County DP
Parking Lot Operations System	Public Works	Micro Sys
Traffic Signs & Marking Inventory	Public Works	Manual
Traffic Signal Priority Rating & Warrant	Public Works	County
Street Lighting Data System	U.B.	Micro Sys
Traffic Signal Data Program	U.B.	Micro Sys

Electrical Engineering Plan File  
 Landfill Weight Information  
 Automated Routing (Trips/Tonnage)  
 Subdivision Map System  
 System Inventory  
 Tap Location Retrieval System  
 Automated Mapping System  
 Planning Fiscal Impact Model  
 Pert/Performance Based Budgeting  
 and Mis  
 Building Permit Data Information  
 Permit Construction Data  
 Process Control of Bldg. Permit  
 On-line Circulation System  
 Acquisitions System  
 On-Line Data Base Searching  
 Serials Control System  
 Golf Course Statistical Reporting  
 Zoo Animal Control Center

U.B.	Micro Sys
Solid Waste	Micro Sys
Solid Waste	Micro Sys
Water Admin	Out to RFP
Water Admin	Micro Sys
Water Admin	Too Costly
Advance Plan	Micro Sys
Advance Plan	Micro Sys
Advance Plan	Micro Sys
Inspections Admin	Micro Sys
Inspections Admin	Manual
Inspections Admin	Micro Sys
Library Admin	Mini Sys
Library Admin	Mini Sys
Library Admin	Mini Sys
Library Admin	Mini Sys
Golf	Mini Sys
Zoo Budget	Micro Sys

Number 31

GRAND TOTAL 69