## UNIVERSITY OF CALIFORNIA

SOUTHERN REGIONAL LIBRARY FACILITY

ANNUAL REPORT
1997/98

## TABLE OF CONTENTS

I. Mission Statement ..... p. 2
II. Summary ..... p. 3
III. Significant Events and Accomplishments ..... p. 4
IV. Goals and Strategies for 1998/99 ..... p. 8
V. Concerns for Operations ..... p. 11
Appendices
Appendix I. Organization Chart
Appendix II. Staff Personnel List 1997/98
Appendix III Deposits and Processing Statistics
Appendix IV. Public Service Statistics

The Southern Regional Library Facility (SRLF) serves UC libraries and their users by:
*providing compact storage, security and environmental protection for little used and rare library materials;
*insuring access through accurate bibliographic information and location notes for these materials in on-line catalogs; and
*rapidly retrieving materials when requested.
A knowledgeable and skilled staff provide these services using efficient and innovative technology.

1997/98 was a remarkable year of transition and achievement at the SRLF. The Processing Section's productivity goals were exceeded by $21 \%$. Numerous backlogs were processed and completed during the summer months, and staff kept pace with incoming deposits throughout the year. Some staff resources were added to the section, but the most important contribution to this increase in productivity was the simplification of processing reports, which had taken place late in the last fiscal year.

Access Services staff filled more than 106,000 requests, providing the requested materials on the same day or within one day of receipt. Access Services also launched a pilot project with UC Irvine that provides a scanned document from the SRLF to the end client in an email attachment. In the coming year, SRLF hopes to take the next step of installing the Minolta Epic system for document delivery, whereby scanned documents are emailed directly to clients or mounted on a web site for easy access and retrieval by the requestor.

The SRLF completed its LAN transition from Novell to WindowsNT during the fall quarter. As part of this transition, twenty new workstations were received, installed, and configured to the new operating system. SRLF's Network Supervisor, Dave Scholl, provided hands-on training and online tutorials for all staff. Other equipment upgrades included the purchase of new barcode scanners for all workstations and terminals.

SRLF Move Services were provided to the UCLA Law Library, UCLA Library Gifts Section, and to UC Irvine. In addition, UCLA Library has established a contract with Fox Studios that now provides the SRLF with annual payments to cover costs associated with access and service of the Fox Collection at the SRLF.

The Preservation Microfilming Service generated \$63,000 in revenue during 1997/98, more than doubling its first-year revenue. However, expenses continue to far out distance revenues in this unit. Managers are actively pursuing new clients in an effort to make this a fully self-supporting operation.

1. Paging Requests: the SRLF filled 106,179 paging requests in 1997/98. Twelve percent of these requests came from on-site users. Approximately two percent of all requests were filled by non-returnables (Ariel, fax, or photocopy).
2. Staff processed a total of 291,426 items, exceeding the annual goal of 240,000 by 21 percent. Barcodes were added to 258,639 items. The balance of 32,787 items were identified as duplicates or were determined to have problems with the bibliographic records. These items were discarded or referred back to the depositing libraries for problem resolution.
3. Staff processed a backlog of approximately 39,270 items during the summer quarter of 1997/98. Except for approximately 3,000 special collections items that are not processable on ORION1, all special collections backlogs have been completed. Staff member Mary Wong received an Incentive Award for her outstanding productivity during the completion of this project.

In addition, staff completed the processing of the UCSD Annex Collection project. The "project" portion of the Annex Collection (having SRLF staff login and update the Roger records) was eliminated, the items were processed as usual, and UCSD was notified of the titles added or discarded at the SRLF. Staff member Tin Tran received an Incentive Award for his work on this collection, during which he processed 15,373 items.
4. SRLF on-site public service hours were permanently changed to $1: 00 \mathrm{pm}-5: 00 \mathrm{pm}$. Staff resources to man the Front Desk during morning hours were redirected to processing new deposits.
5. SRLF began filling document delivery requests from UC Irvine by scanning the document into a PDF file, and then sending the document as an email attachment to the requesting client. In this pilot, SRLF utilizes the Adobe Acrobat Reader, which is free to download, and may already be incorporated in many users' browsers. The concept is similar to a component of the Minolta Epic Document Delivery System.
6. The following SRLF staff participated on various UCLA ORION2 Teams, working on design, implementation, testing and training for the new DRA system:

| Claire Bellanti | Implementation \& Steering Team <br> Policy, Configuration \& Workflow <br> User File Team |
| :--- | :--- |
| Colleen Carlton | Policy, Configuration \& Workflow <br> SRLF/UC In \& Out Team |
| Paul Barone | Testing Team |
| John Doing | SRLF/UC In \& Out Team |
| Robert Freel | Training Coordinating Team |
| Karen May | Testing Team |
| SRLF/UC In \& Out Team |  |
| David Scholl | SRLF/UC In \& Out Team |

The SRLF will migrate to the new DRA system along with other current users of ORION. SRLF representation on the various ORION2 teams ensures that processing and public service needs that are unique to the SRLF will be considered and provided for in the new system.
7. Old barcode scanners and wands were replaced with new dual-function scanners. The new equipment allows staff to use the scanner in a fixed-head position or in hand-held gun mode. The existing scanners were original equipment purchased in 1987 and these scanners were not entirely compatible with the new PC environment.
8. Reconfigured processing workstations with longer dual-height adjustable work surfaces were installed. The flexibility of the new work surfaces allows staff to adjust the height of the keyboard to better suit the individual. Book trucks can be positioned on either side of the processor, thus allowing the processor to change the direction of their reach periodically. The new configuration is more ergonomic and will help prevent repetitive motion injuries and shoulder and neck strain. These improvements are part of an ongoing effort to provide a safe work environment for staff who work long hours at computers.
9. Completed the installation of the new IBM PC 330 server: configured and installed Windows NT server software, and joined the UCLA Library domain for the SRLF file server. Created a new directory structure for SRLF files and resources. Set security privileges for staff's access to these resources.
10. Completed the NT conversion project: installed and configured NT software on all SRLF NT compatible workstations, including the 20 new leased computers. Trained staff in the use of the new software and the new location of files and resources.
11. Completed the revision of the SRLF Public web site by redesigning style and format, and by updating the content of public web pages.
12. Began revision of the SRLF Intranet site to use database connectivity for easier updating and maintenance of pages, using Dynamic HTML 4.0 and Active Server Page technology with the Microsoft Internet Information Server 4.0 which provides advanced update and maintenance features. Work still in progress.
13. Began using UCLA Library's LIS Help Desk database for computer hardware, software and connectivity troubles. Using Expert Web+, the Help Desk database documents and reports troubleshooting problems and solutions. This database reports and tracks the progress of problems and creates a database for future help and troubleshooting references.
14. Installed CBT courseware (online computer based training courses) on workstations at the SRLF to provide individualized training for staff. Various courses are available from UCLA's 300 title unlimited license with CBT courseware. Titles include applications such as Office97 and Windows NT.
15. Created a quarterly SRLF Staff Software CD-ROM which contains current internet and UCLA licensed software for staff use to be used on home computers.
16. SRLF Preservation Microfilm Service co-hosted, along with UCLA's Graduate School for Education and Information Studies, the NEDCC Digital World Microfilm Workshop, a workshop that presented and analyzed options for reformatting library collections. As participants in this Workshop, SRLF managers had an opportunity to network with other Library department heads and managers from around the country, including staff from the Getty Research Library.
17. Completed a cost study analysis of the Preservation Microfilming Service (PMS) and revised the price schedule for microfilm products to ensure that the PMS operates on a cost recovery basis. The new fee schedule was applied to non-UC microfilm orders beginning January 1998; the new fees will be applied to UC orders beginning July 1998.
18. Pursued new clients for the Preservation Microfilming Service, targeting academic libraries, special libraries, and archives outside of the UC system. In 1997/98, the PMS filmed an archival collection of personal papers for the National City Public Library. Negotiations with the Getty Center to film the Duveen Archive have begun. In addition, managers for the SRLF and California Newspaper Project have met to discuss preservation microfilming of historic newspaper collections.
19. Provided greater access to PMS general information and pricing structure by mounting a Preservation Microfilming Service Web page at the SRLF site.

## IV GOALS AND STRATEGIES FOR 1998/99

1. Determine new processing goal for $1998 / 99$ when ORION2 is implemented. Goals should be conservative to allow for training and adjusting to the new processing system.
2. In July 1998, in preparation for data migration from ORION1 and implementation of ORION2, items will no longer be added to ORION1. Identify alternate tasks and projects for the SRLF processing staff. Also consult with UCLA units to see if SRLF staff can be deployed for short-term projects at those sites.
3. Put in place a moratorium on incoming deposits for the duration of the "ORION processing downtime" when items will not be processed.
4. Prepare for the DRA software implementation at the SRLF. Assist UCLA's Library Information Systems (LIS) staff in any network administration responsibilities for implementing DRA test software and participate in full test of DRA applications for capturing and transferring bibliographic records from campus libraries. Develop macros that will increase efficiency for processing multiple items on a single holdings record. Clean up problems created by data migration and look for and analyze new problems that may be the results of programming bugs.
5. Implement DRA (Taos) ILL Policies and Procedures and develop SRLF workflow around the new and variant ILL procedures of Taos.
6. Expand ILL services beyond our primary UC clientele by accepting direct requests via the internet from individual users and from libraries and research facilities throughout the country.
7. Develop a method to record individual processing statistics on the SRLF intranet. A prototype was developed in 1996/97 for inputting weekly productivity in conjunction with testing the new processing goals. Now that all processors have PC workstations, it is a goal to have staff enter their individual statistics online. Once input, these individual statistics will be linked to other spreadsheets that compile the monthly statistical reports. If successful, these spreadsheets eliminate the need for paper forms and tedious calculating and manual compilation of the monthly processing reports. Final development of online statistics will wait until implementation of ORION2.
8. Complete the processing of three distinct special collection backlogs after implementation of ORION2. Long standing programming problems precluded normal ORION processing and MELVYL updating of the UCSD Dissertations, UCSD Mysteries Collection, and the UCR Boys Collection. With ORION2 implementation, SRLF will be able to copy records directly from the campus local system into ORION2, thus bypassing the MELVYL/ORION data exchange loop and its programming limitations.
9. Work with UCLA ORION2 development teams, campus systems staff, and catalogers to develop new processing methods for incoming non-UCLA deposits. The SRLF goal is to access each campus local system, capture the bibliographic records from the system, upload the records into the UCLA Libraries database, and process the items on ORION2. SRLF will also work with ORION2 development teams and the UCLA Film and Television Archives staff to design a method for processing items in the Archive's ORION2 database.
10. Work with UCLA's LIS staff to create a report from ORION1 of SRLF barcodes that are missing or have dropped off the ORION records due to annex record and other system problems. This report should be printed before full implementation of ORION2. An SRLF cleanup project to locate the volumes in the stacks and to re-add the barcodes online will begin after implementation of ORION2
11. Revise the SRLF Public Web site to enable faster loading pages and access to SRLF information. Begin using W3C standardized Cascading Style Sheets to create a uniform design for use by the newer Dynamic HTML web browsers that also allows adequate access to SRLF information using older versions of web browsers. Add photographs to illustrate the guidelines.
12. Continue revision of the SRLF Intranet site to use database connectivity for easier updating and maintenance of pages, using Dynamic HTML 4.0 and Active Server Page technology with the Microsoft Internet Information Server 4.0 which provides advanced update and maintenance features. New applications will include automated news and announcements, phone message form, up-to-date email lists and staff information databases, reconfigured quick links to SRLF and UC related web information, statistics and tracking information for all sections of SRLF, and a SRLF Student information web site.
13. Create statistics and invoice databases for a variety of functions and operations at the SRLF. Databases are needed for the Processing Section (statistics), Circulation and ILL (statistics and invoices), and the Preservation Microfilming Service (statistics and invoices). To automate statistics, invoices, and report writing, administrative staff hope to create several databases with Intranet web interface
14. Update CBT courses on live play server when new courses become available. Upgrade client player software and determine cause of occasional crashing with a few select courses.
15. Install new NT workstations in the public reading room and in Access Services area. Workstations in the public reading room will require the LIS public configuration which restricts public access to the NT operating system. The workstations in the Access Services area will be configured for ORION2 circulation activities. These workstations will replace the IBM dumb terminals presently used for ORION1.
16. Complete installation of the new IBM PC 325 server: configure, install Windows NT server software, and join the UCLA Library domain for the SRLF Public web and email list server. Set security and privileges for assigned staff to access and update public web pages.
17. Install Lyris Email Listserver on SRLFNTSERV02 for the SRLF Library Storage Lists. This software replaces the Mercury List server that was used on the old Novell 3.11 server. This free software allows unlimited number of lists with each list having a maximum of 200 list members. After 200 members a registration and license fee is required to maintain a high number of list members.
18. Implement a Microfilm Tracking system that will allow SRLF staff to readily determine the status of PMS microfilm orders from any workstation.
19. Together with UCLA Library's Preservation Officer, prepare workshops on "Preparing Newspapers for Preservation Microfilming" and on "Quality Control: Checking Preservation Microfilm for Quality". Participants in these workshops will include UC staff and other clients who place preservation microfilm orders with the SRLF.
20. The transition from ORION to ORION2.

During the summer of 1998 , adding records and editing records on ORION will cease and the databases will be frozen. Except for circulation and patron transactions, ORION records will be "search only" during the period of data migration to Taos, the new ORION2 system.

This "hiatus" will mean that no new items will be processed at the SRLF, and no editing of existing items records will take place. The impact on SRLF client libraries is that a moratorium on deposits will be in place until ORION2 is implemented and we can begin adding items once again. SRLF processing staff will work on projects to physically barcode non-book collections such as maps, archives and manuscripts, and the motion picture and television collections. The item records for these collections will be entered later on ORION2. Staff is also being deployed to cataloging units at the UCLA Libraries where they will help to process backlogs and prepare materials for deposit at the SRLF. Staff will also work on outstanding "special projects" for other campuses.

A chief concern for the SRLF is the loss of productivity and the resulting backlogs, both at SRLF and at depositing libraries. As staff is trained on ORION2, the processing of new items will likely be phased in, based on material types and owning unit of the deposits. Simultaneously, procedures will be developed and tested, system "bugs" identified, and methodology determined for handling problems and reporting these to the owning libraries. It could be many months before the SRLF staff is "up to speed" on ORION2 processing

SRLF managers and the Operations Committee members will be called upon to develop a strategy for prioritizing deposits and workloads as ORION2 is implemented.
2. Data clean up after ORION.

The SRLF is preparing for the fall-out of data migration to ORION2. In particular, item barcodes for large serial records and monographic sets may not survive the migration process in tact. Working from an ORION "gap list" of SRLF barcodes, staff will need to check the stacks for "missing barcodes" and then re-enter item barcodes that are found on the shelves. The scale of this clean-up project is not yet known, but it will be a cumbersome and lengthy project.
3. Preservation Microfilming Service and cost recovery.

1998/99 will be the third year in a three-year pilot to provide preservation-quality microfilming service at the SRLF. Productivity and revenues have increased over the previous two years, but we are still challenged to earn adequate revenues that will cover the costs of this operation

Two significant factors should make it possible to balance revenue and expenses in 1998/99. First, a revised fee schedule has been applied to all clients, and these new fees are based on real expenses for salaries and supplies. Second, the SRLF has two new clients that will be placing large microfilming and duplication orders. These jobs, along with growing demand from our UC clients, should ensure a successful effort to operate Preservation Microfilming Service on a cost recovery basis.

APPENDIX I


ADMINISTRATION

Director
Operations Manager
Administrative Analyst
Programmer/Analyst II

Claire Bellanti
Colleen Carlton
Yvette Johnson
David Scholl

## CIRCULATION/PUBLIC SERVICE

Supervisor, LA V
Library Assistant IV
Library Assistant III

Library Assistant II

Robert Freel
Steve Kutay
Jon Edmondson Paul Barone (. 5 FTE)

Randy Ades
Kengee Bostic ( .25 FTE)
Jefferson Dunbar (. 25 FTE)
Daven Hall ( 25 FTE)
Ali Hassan (. 25 FTE)
Jina Jamison (. 25 FTE)
Greg Marques
Keith Rideau
Tin Tran (. 25 FTE)
Mary Wong ( 25 FTE)
Senior Automotive
Equipment Operator
Student Assistants
(Assts. 1-4, LA I)

Darren Diaz
7.5 FTE

## PRESERVATION MICROFLLMING SERVICE

| Microfilm Technician | Peter Lacson |
| :--- | :--- |
| Library Assistant II |  |
| Quality Control | Edwin Dagdagan |
| Student Assistants |  |
| (Assistant 3,4) | .5 FTE |

## PROCESSING

Supervisor, LA V Karen May
Library Assistant III John Doing
Paul Barone

Library Assistant II
Kengee Bostic (. 75 FTE)
Jefferson Dunbar (. 75 FTE)
Daven Hall (. 75 FTE)
Ali Hassan (. 75 FTE)
Jina Jamison (. 75 FTE)
Tin Tran (. 75 FTE)
Mary Wong (. 75 FTE)

Student Assistants
(Assistant 3,4)
1 FTE

Deposits and Processing Statistics

Campus Commitment Rates in Volume Equivalents
As Of June 30, 1998


ITEMS RECEIVED

## JULY 1997 thru JUNE 1998

Number of Items Received

|  | Jul-97 | Aug-97 | Sep-97 | Oct-97 | Nov-97 | Dec-97 | Jan-98 | Feb-98 | Mar-98 | Apr-98 | May-98 | Jun-98 | To Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Irvine | 75 | 0 | 685 | 0 | 0 | 0 | 0 | 0 | 2,478 | 0 | 0 | 1,109 | 4,347 |
| Los Angeles | 8,615 | 10,408 | 9,963 | 7,743 | 5,008 | 4,880 | 26,334 | 19,258 | 9,738 | 19,881 | 11,772 | 23,596 | 157,196 |
| Riverside | 40 | 177 | 57 | 2,213 | 71 | 59 | 0 | 240 |  | 81 | 37 | 3,360 | 6,335 |
| San Diego | 0 | 0 | 0 | 0 | 317 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 317 |
| Santa Barbara | 1,546 | 1,292 | 0 | 1,580 | 2,257 | 1,394 | 2,532 | 0 | 2,128 | 5,108 | 3,189 | 0 | 21,026 |
| Deposits Received | 10,276 | 11,877 | 10,705 | 11,536 | 7,653 | 6,333 | 28,866 | 19,498 | 14,344 | 25,070 | 14,998 | 28,065 | 189,221 |

## U. C. Southern Regional Library Facility

Items Added By Campus From July 1997 Thru June 1998


## ITEMS ADDED

## JULY 1995 thru JUNE 1998



## U. C Southern Regional Library Facility

Selected Statistics July 1997 Thru June 1998
Processing Statistics
DEACCESSIONED ITEMS

|  | $\begin{aligned} & \text { Jul } \\ & 97 \end{aligned}$ | Aug 97 | $\begin{gathered} \text { Sep } \\ 97 \end{gathered}$ | Oct <br> 97 | $\begin{gathered} \text { Nov } \\ 97 \end{gathered}$ | Dec 97 | $\begin{gathered} \text { Jan } \\ 98 \end{gathered}$ | $\begin{gathered} \text { Feb } \\ 98 \end{gathered}$ | $\begin{gathered} \text { Mar } \\ 98 \end{gathered}$ | $\begin{gathered} \text { Apr } \\ 98 \end{gathered}$ | $\begin{gathered} \text { May } \\ 98 \end{gathered}$ | $\begin{gathered} \text { Jun } \\ 98 \end{gathered}$ | 1997/98 TOTAL | 1987/97 TOTAL | GRAND TOTAL TO DATE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IRVINE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 223 | 225 |
| LOS ANGELES | 59 | 11 | 38 | 12 | 30 | 7 | 80 | 66 | 73 | 12 | 6 | 0 | 394 | 2,265 | 2,659 |
| RIVERSIDE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 4 | 289 | 293 |
| SAN DIEGO | 0 | 1 | 4 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 27 | 0 | 37 | 171 | 208 |
| SANTA BARBARA | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 13 | 430 | 443 |
| TOTAL | 59 | 13 | 43 | 12 | 33 | 9 | 80 | 66 | 74 | 28 | 33 | 0 | 450 | 3,378 | 3,828 |

PROCESSING PROBLEMS,EXCLUDING DUPLICATES, REPORTED TO
DEPOSITING CAMPUS FOR RESOLUTION JULY 1997 THRU JUNE 1998 (Title Count)

|  | Jul $97$ | Aug $97$ | $\begin{gathered} \text { Sep } \\ 97 \end{gathered}$ | $\begin{gathered} \text { Oct } \\ 97 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Nov } \\ 97 \end{gathered}$ | Dec $97$ | Jan | Feb | $\begin{gathered} \text { Mar } \\ 98 \\ \hline \end{gathered}$ | Apr $98$ | May $98$ | $\begin{aligned} & \text { Jun } \\ & 98 \end{aligned}$ | 1997/98 <br> TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IRVINE | 20 | 3 | 555 | 29 | 0 | 19 | 0 | 0 | 2 | 0 | 0 | 0 | 628 |
| LOS ANGELES | 756 | 79 | 107 | 142 | 62 | 64 | 132 | 372 | 243 | 260 | 189 | 258 | 2,664 |
| RIVERSIDE | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| SAN DIEGO | 107 | 0 | 0 | 216 | 67 | 2 | 110 | 250 | 256 | 1 | 0 | 0 | 1,009 |
| SANTA BARBARA | 0 | 7 | 38 | 20 | 2 | 2 | 0 | 0 | 5 | 2 | 0 | 0 | 76 |
| TOTAL | 883 | 90 | 705 | 407 | 131 | 87 | 242 | 622 | 506 | 263 | 189 | 258 | 4,383 |

DUPLICATE ITEMS RETURNED TO CAMPUSES FOR RESOLUTION JULY 1997 THRU JUNE 1998



| S ADDED | thru JU Jul-97 | NE 1998 Aug-97 | Sep-97 | Oct-97 | Nov-97 | Dec-97 | Jan-98 | Feb-98 | Mar-98 | Apr-98 | May-98 | Jun-98 | 1997/98 TOTAL | $1987 / 97$ TOTAL | TOTAL TO DATE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Irvine | 3,771 | 5,750 | 3,636 | 1,653 | 552 | 128 | 0 | 0 | 0 | 1,834 | 143 | 0 | 17,467 | 220,720 | 238,187 |
| Los Angeles | 12,564 | 8,249 | 12,668 | 15,946 | 12,584 | 16,508 | 18,546 | 20,386 | 24,070 | 23,524 | 23,971 | 16,046 | 205,062 | 2,318,319 | 2,523,381 |
| Riverside | 0 | 559 | 289 | 45 | 0 | 0 | 0 | 0 | 0 | 245 | 93 | 239 | 1,470 | 121,915 | 123,385 |
| San Dlego | 772 | 451 | 714 | 1,516 | 1,297 | 665 | 914 | 256 | 128 | 128 | 0 | 0 | 6,841 | 129,278 | 136,119 |
| Santa Barbara | 1,152 | 3,371 | 2,885 | 1,429 | 1,078 | 2,927 | 2,108 | 1,495 | 1,450 | 2,908 | 609 | 6,387 | 27,799 | 249,412 | 277,211 |
| Total | 18,259 | 18,380 | 20,192 | 20,589 | 15,511 | 20,228 | 21,568 | 22,137 | 25,648 | 28,639 | 24,816 | 22,672 | 258,639 | 3,039,644 | 3,298,283 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1993/97 GRAND |
| ITEMS PROCESSED JULY 1997 thru JUNE 1998 |  |  |  |  |  |  |  |  |  |  |  |  | 1996197 | 1993/96 | total |
|  | Jul-97 | Aug-97 | Sep-97 | Oct-97 | Nov-97 | Dec-97 | Jan-98 | Feb-98 | Mar-98 | Apr-98 | May-98 | Jun-98 | TOTAL | TOTAL | TO DATE |
| Irvine | 4,718 | 6,022 | 4,006 | 1,753 | 555 | 134 | 0 | 0 | 0 | 1,846 | 146 | 0 | 19,180 | 26,068 | 45,248 |
| Los Angeles | 15,518 | 11,062 | 13,650 | 16,839 | 13,239 | 18,128 | 20,803 | 22,532 | 26,356 | 25,992 | 26,144 | 17,196 | 227,459 | 511,789 | 739,248 |
| Rlverside | 0 | 566 | 313 | 48 | 0 | 0 | 0 | 0 | 0 | 245 | 114 | 239 | 1,525 | 17,949 | 19,474 |
| San Dlego | 871 | 1,371 | 714 | 2,236 | 1,891 | 963 | 1,646 | 275 | 150 | 133 | 0 | 0 | 10,250 | 27,647 | 37,897 |
| Santa Barbara | 1,196 | 3,672 | 3,047 | 1,544 | 1,084 | 2,991 | 2,174 | 1,536 | 1,543 | 2,949 | 660 | 6,472 | 28,868 | 81,201 | 110,069 |
| TOTAL | 22,303 | 22,693 | 21,730 | 22,420 | 16,769 | 22,216 | 24,623 | 24,343 | 28,049 | 31,165 | 27,064 | 23,907 | 287,282 | 664,654 | 951,936 |

ITEMS REPROCESSED JULY 1997 thru JUNE 1998

DUPLICATE ITEMS RETURNED TO CAMPUSES
FOR RESOLUTION JULY 1997 THRU JUNE 1998


PROCESSED PLUS REPROCESSED AND
DUPLICATE RETURNS
TOTAL

Public Service Statistics

## PAGING REQUESTS

## JULY 1997 thru JUNE 1998



Origin of Paging Requests


| Requests Filled by ARIEL | July | August | September | October | November | December | January | February | March | April | May | June | To Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Irvine | 0 | 0 | 0 | 0 | 0 | 2 | 23 | 72 | 11 | na | na | na | 108 |
| Riverside | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 2 | 0 | na | na | na | 5 |
| San Diego | 0 | 0 | 1 | 0 | 0 | 0 | 9 | 7 | 2 | na | na | na | 19 |
| Santa Barbara | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 19 | 1 | na | na | na | 23 |
| Berkeley | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | na | na | na | 3 |
| Davis | 0 | 0 | 2 | 0 | 0 | 5 | 2 | 2 | 0 | na | na | na | 11 |
| San Francisoo | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | na | na | na | 4 |
| Santa Cruz | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | na | na | na | 2 |
| Law.Livermore | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | na | na | na | 1 |
| Stanford | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | na | na | na | 4 |
| Cal Poly Pomona | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | na | na | na | 3 |
| Cal Tech | 3 | 10 | 10 | 4 | 1 | 0 | 14 | 16 | 0 | na | na | na | 58 |
| Claremont | 1 | 7 | 6 | 8 | 0 | 0 | 5 | 5 | 3 | na | na | na | 35 |
| Occidental | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | na | na | na | 4 |
| USC | 0 | 3 | 5 | 1 | 0 | 1 | 2 | 2 | 4 | na | na | na | 18 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | na | na | na | 0 |
| Sent by ARIEL | 7 | 23 | 26 | 14 | 3 | 13 | 61 | 130 | 21 |  | riel Down |  | 298 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Requests Filled by FAX | July | August | September | October | November | December | January | February | March | April | May | June | To Date |
| Irvine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 |
| Riverside | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| San Diego | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| Santa Barbara | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Berkeley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Davis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 2 |
| San Francisco | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 4 |
| Santa Cruz | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Law.Livermore | 0 | 0 | 0 | 2 | 1 | 2 | 0 | 1 | 2 | 0 | 0 | 2 | 10 |
| Stanford | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cal Poly Pomona | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cal Tech | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| Claremont | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Occidental | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| USC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 3 |
| Articles Faxed | 0 | 1 | 0 | 3 | 1 | 2 | 0 | 3 | 2 | 4 | 3 | 9 | 28 |
| Requests Filled by Photocopy | July | August | September | October | November | December | January | February | March | April | May | June | To Date |
| Irvine | 39 | 56 | 62 | 32 | 23 | 33 | 10 | 11 | 36 | 42 | 39 | 44 | 427 |
| Los Angeles | 39 | 37 | 33 | 40 | 35 | 20 | 27 | 14 | 24 | 33 | 17 | 22 | 341 |
| Riverside | 2 | 7 | 3 | 1 | 2 | 1 | 10 | 4 | 4 | 5 | 9 | 8 | 56 |
| San Diego | 11 | 23 | 8 | 5 | 9 | 6 | 2 | 0 | 1 | 2 | 11 | 8 | 86 |
| Santa Barbara | 10 | 27 | 17 | 23 | 16 | 10 | 32 | 9 | 19 | 27 | 38 | 25 | 253 |
| Berkeley | 3 | 2 | 5 | 7 | 7 | 7 | 0 | 0 | 6 | 7 | 3 | 5 | 52 |
| Davis | 5 | 2 | 1 | 2 | 3 | 2 | 0 | 1 | 6 | 2 | 3 | 2 | 29 |
| San Francisco | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 3 | 6 | 2 | 2 | 15 |
| Santa Cruz | 3 | 1 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 4 | 1 | 0 | 15 |
| Law.Livermore | 0 | 4 | 3 | 2 | 3 | 3 | 6 | 0 | 1 | 0 | 0 | 2 | 24 |
| Stanford | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| Cal Poly Pomona | 1 | 0 | 0 | 2 | 2 | 1 | 1 | 0 | 1 | 1 | 2 | 0 | 11 |
| Cal Tech | 8 | 0 | 6 | 9 | 12 | 5 | 7 | 0 | 15 | 21 | 18 | 5 | 106 |
| Claremont | 9 | 0 | 1 | 14 | 16 | 10 | 6 | 0 | 19 | 14 | 8 | 25 | 122 |
| Occidental | 2 | 0 | 2 | 8 | 4 | 3 | 14 | 0 | 10 | 2 | 1 | 0 | 46 |
| USC | 7 | 1 |  | 9 | 7 | 3 | 1 | 0 | 4 | 8 | 2 | 7 | 49 |
| Other (LMU, Cedars, VA Med) | 1 | 0 | 1 | 1 | 1 | 2 | 6 | 0 | 7 | 2 | 3 | 4 | 28 |
| Photcopies Sent | 140 | 162 | 144 | 159 | 141 | 109 | 122 | 39 | 157 | 176 | 157 | 159 | 1,665 |

PAGING REQUESTS JULY 1995 thru JUNE 1998


Anreps98.xlsTrian Paging Requests (2)12/7/98


