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ALMRS EQUIPMENT ANALYSIS
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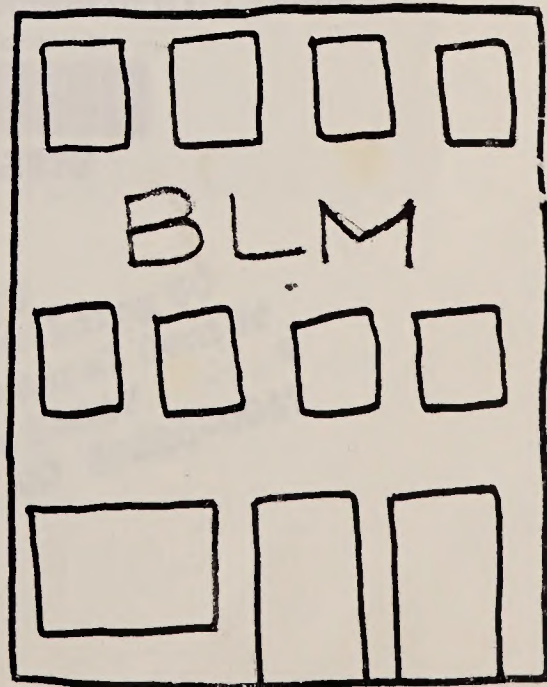
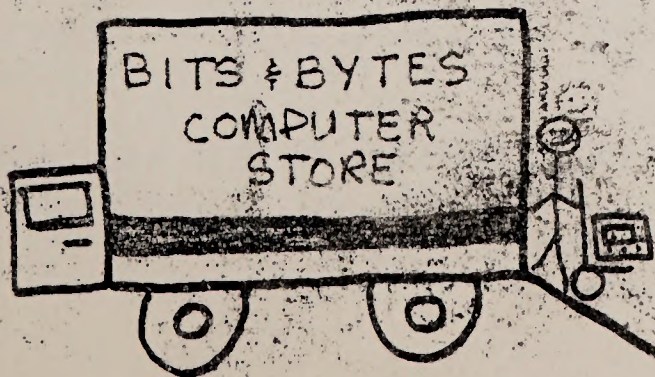
FY85 - FY90

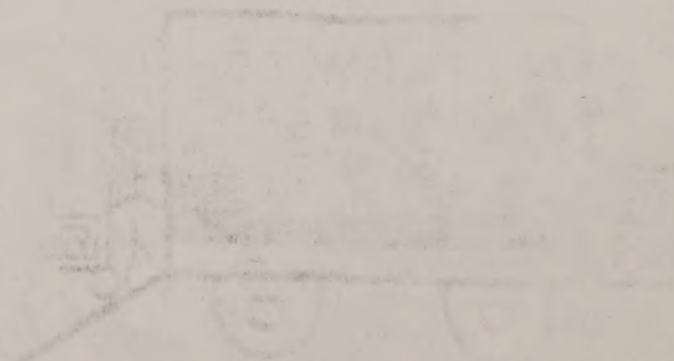
CALIFORNIA STATE OFFICE

ALMRS EQUIPMENT ANALYSIS

FY85 - FY90

MARCH 1, 1995





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ALMRS EQUIPMENT ANALYSIS

CALIFORNIA STATE OFFICE

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UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C.

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ALMRS EQUIPMENT ANALYSIS

CALIFORNIA STATE OFFICE

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ALBANY EQUIPMENT ANALYSIS

ON PUEBLO STATE OFFICE

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SUMMARY

The following Automated Land and Mineral Record System (ALMRS) Equipment Analysis identifies California's needs for equipment during the initial ALMRS development stage, beginning with Fiscal Year 1985. This Analysis describes the basic premises and objectives for ALMRS development in California. It discusses the staff that will be performing ALMRS functions throughout the State, the volume of work to be performed and the anticipated use of the system. The BLM/USFS Interchange has not been taken into consideration in the preparation of this analysis.

This Analysis includes existing compatible equipment and identifies the additional equipment needs. The equipment needs are described in terms of CRTs, slave printers, decwriters, high speed line printers, telecommunications and ADP equipment.

The Introduction provides an overview of the ALMRS development in California.

Our installation of ALMRS has been prioritized as follows:

Priority 1 FY 85 - install all District Offices and selected Resource Area Offices with access to ALMRS. Provide State Office Division of Operations with ALMRS capability in the Public Room, Title and Records and Dockets. Initiate the Legal Land Description Capture Project.

16 CRTs

15 Printers

Priority 2 FY 86-FY 87 - Install remaining State Office Divisions and Resource Area Offices. An additional equipment need of:

23 CRTs

17 Printers

Priority 3 FY 88-FY 90 - Optimum capability for all offices. An additional equipment need of:

11 CRTs

12 Printers

Our priorities are consistent with the Bureau Assumptions. This equipment analysis spans five years and totals approximately \$377,520.

This cost does not include the ALMRS purchases to date (\$111,000 Total for the following items: Telecommunications = \$60,000, Terminals and Printers = \$39,000 and ADP Memory = \$12,000). California's Priority 1 needs have already been purchased and delivered. If our additional priorities are to be met, it would mean the purchase of 34 CRTs and 29 Printers (\$137,000); \$76,500 telecommunication upgrades; \$125,000 in ADP upgrades; and \$39,020 in first year maintenance contracts.

SUMMARY

The following summarized laws and general record system (RWS) equipment analysis identified California's need for equipment during the initial RWS development stage beginning with fiscal year 1982. This analysis describes the basic criteria and objectives for RWS development in California. It discusses the staff that will be performing RWS functions throughout the year, the volume of work to be performed and the anticipated use of the system. The RWS's interaction has not been taken into consideration in the preparation of this analysis.

This analysis includes existing computer equipment and identifies the additional equipment needs. The equipment needs are described in terms of CMT, slave printers, mainframes, high speed line printers, telecommunication and other equipment.

The information provided an overview of the RWS development in California.

Our installation of RWS has been prioritized as follows:

Priority 1 FY 82 - Install all District Offices and selected Resource Area Offices with access to RWS. Provide State Office Division of Operations with RWS capability in the Public Room, Title and Records and Records. Install the Legal and Description Capture Project.

15 CMTs
15 Printers

Priority 2 FY 82-83 - Install remaining State Office Divisions and Resource Area Offices. An additional equipment need of:

15 CMTs
15 Printers

Priority 3 FY 84-85 - Continue capability for all offices. An additional equipment need of:

15 CMTs
15 Printers

Our priorities are consistent with the Bureau's equipment analysis from five years and fairly approximately \$37.510.

This cost does not include the RWS purchase of data (\$11,000 total for the following items: Telecommunication - \$60,000, Terminals and Printers - \$18,000 and RWS memory - \$12,000). California's Priority 1 needs have already been purchased and delivered. If our additional priorities are to be met, it would mean the purchase of 34 CMTs and 39 Printers (\$137,000), \$10,000 telecommunication upgrades, \$125,000 in RWS upgrades, and \$32,510 in first year maintenance contracts.

INTRODUCTION

ALMRS Status in California

Case Recordation

California began coding all new applications (lands and minerals) into ALMRS on July 1, 1982. Since that time, we have entered all pending applications that were filed prior to that date, all issued mineral leases, all terminated oil and gas leases awaiting simultaneous posting, and all authorized lands cases.

From this point forward our emphasis will be on assuring that all new cases are timely entered, that all updates are made to existing data, and that an overall audit and cleanup of Case Recordation material is performed.

The Case Recordation function is currently housed in the ALMRS Section. We anticipate that by the close of FY85 each District will be responsible for abstracting and entry into the data base of all new applications received in their area of jurisdiction and that the remainder of the data entry will be merged into the State Office Title and Records Unit.

Legal Land Description

FY85 will bring the start to legal land description capture in California. The Humboldt Meridian has been entered and awaits verification. Approximately 4800 townships will be covered during the capture project. A staff of four will be employed for the planned 2-year project.

The data entry program has been loaded on the State's Level 6 and key staff have received training from the Service Center. Work has begun on the initial entry of townships within the San Bernardino Meridian.

Land Status Capture

No decision has been made at this time on the method of accomplishment of land status capture (in-house vs. contract). The progress of Utah, Arizona and New Mexico will be taken into account. It is planned that Land Status Capture would begin in California by FY87.

On-Line Recordation and Case Access (ORCA)

California installed ORCA during February 1985. The State Office Public Room will be operational by March 1985. Each of the Districts will receive training on ORCA and other local agencies will be invited to view the system.

INTRODUCTION

NEW STATUS IN CALIFORNIA

Gas Recreations

California began coding all gas applications (lands and minerals) into BUREAU on July 1, 1981. Since that time we have entered all pending applications that were filed prior to that date, all issued mineral leases, all terminated oil and gas leases meeting simultaneous posting, and all authorized land cases.

From this point forward our emphasis will be on entering that all new cases are timely entered, that all updates are made to existing data, and that an overall audit and cleanup of Gas Recreation material is performed.

The Gas Recreation function is currently housed in the BUREAU Section. The objective of this project is to move the data base of all new applications for entering and entry into the data base of the remainder of the data received in their area of jurisdiction and that the remainder of the data entry will be moved into the State Office Title and Records Unit.

Local Land Descriptions

1982 will bring the state to legal land description capture in California. The historical portion has been entered and quality verification. Approx- 4000 counties will be covered during the capture project. A staff of four will be employed for the almost 1-year project.

The data entry program has been loaded on the State's Level 2 and key staff have received training from the Service Center. Work has begun on the initial entry of descriptions within the San Bernardino Meridian.

Land Status Capture

The decision has been made at this time on the method of accomplishment of land status capture (in-house or contract). The progress of Utah, Arizona and New Mexico will be taken into account. It is planned that Land Status Capture would begin in California by 1983.

Online Recorder and Case Access (ORCA)

California installed ORCA during February 1982. The State Office Public Room will be operational by March 1983. Each of the Districts will receive training on ORCA and other local agencies will be invited to view the system.

Present Use Of ALMRS by Case Category

<u>Case Category</u>	<u>Description</u>	<u>Used</u>	<u>Not Used</u>	<u>Desired</u>
16	Plan/Prog/Budgeting		X	
18	Public Admin Procedures		X	
21	Acquisitions	X		
22	Exchanges.	X		
23	Withdrawals	X		
24	Classifications	X		
25	Occupancy and Use	X		
26	Grants	X		
27	Sale	X		
28	Rights-of-way	X		
29	Leases & Permits	X		
30	Minerals Mgmt		X	
31	Oil & Gas Leasing	X		
32	Geothermal Resource Leasing	X		
33	OCS Leasing		X	
34	Coal Management		X	
35	All Other Leasing	X		
36	Mineral Material Dis	X		
37	Multiple Use Mining		X	
38	Mineral Location Patent	X		
39	Land Disposal Conflicts	X		
40	Range Management		X	
41	Inside/outside Grazing		X	
42	Alaska Livestock		X	
43	Alaska Reindeer Grazing		X	
47	Wild Horses & Burros		X	
50	Forest Mgmt		X	
54	Forest Prod Sales		X	
55	Free-use Timber		X	
60	Outdoor Recreation		X	
62	Protected Natural Values		X	
65	Sykes Act (Cooperative Agree)		X	
80	Recreation Program		X	
81	Cultural Res Mgmt		X	X
82	Natural History Res		X	
83	Recreation Mgmt		X	
85	Wilderness Mgmt		X	
91	Cadastral Survey		X	
92	Trespass		X	X

Data base as of February 1985.

Present Use of ALMIS by Case Category

Case Category	Used	Not Used	Desired
16			X
17			X
18			
19	X		
20	X		
21	X		
22	X		
23	X		
24	X		
25	X		
26	X		
27	X		
28	X		
29	X		
30		X	
31	X		
32	X		
33		X	
34		X	
35		X	
36		X	
37		X	
38		X	
39		X	
40		X	
41		X	
42		X	
43		X	
44		X	
45		X	
46		X	
47		X	
48		X	
49		X	
50		X	
51		X	
52		X	
53		X	
54		X	
55		X	
56		X	
57		X	
58		X	
59		X	
60		X	
61		X	
62		X	
63		X	
64		X	
65		X	
66		X	
67		X	
68		X	
69		X	
70		X	
71		X	
72		X	
73		X	
74		X	
75		X	
76		X	
77		X	
78		X	
79		X	
80		X	
81		X	
82		X	
83		X	
84		X	
85		X	
86		X	
87		X	
88		X	
89		X	
90		X	
91		X	
92		X	

Date: as of February 1985

EQUIPMENT ANALYSIS ASSUMPTIONS

DSC Assumptions:

1. The plan addresses equipment needs for FY 85 through FY 90 based on the following priorities:

Priority 1 procurement consists of all CRTs and printers needed to provide a minimum operation in the State, District Offices, and Resource Areas to allow collection of the remaining case data, and to begin the capturing of survey (legal land description) data and/or status data. It represents a minimal equipment and staffing configuration. Because ALMRS is still in the design phase, Priority 1 procurement represents the minimum interim solution until full design is completed.

Priority 2 procurement increases the minerals and mining systems staffs' capability to track and query the data base for SO and public room users. Adequate equipment will also be available for SO staff to enter survey data and status data in ALMRS that will be collected at this time.

Priority 3 procurement provides for full implementation of tracking and querying systems at all levels of the State and completes the extent of this analysis based on ALMRS development specifications the assumptions of this analysis. The integration of survey and status data into the final ALMRS system may present some unforeseeable problems requiring additional equipment, but these kinds of needs cannot be seen at this time, as explained in our assumptions.

2. This analysis assumes that ALMRS will have sufficient telecommunications and computer processing support.
3. The plan addresses needs based on optimum configuration for implementation excluding GIS, because GIS technology has not fully been defined.
4. Optimum configuration means every office (SO Division, SO Branch, DO, RA, etc.) should have access to ALMRS data and be able to print out information in a convenient location based on user needs. This also includes adequate public use. Consider volume, location, and shared terminal vs. constant access.
5. Implementation will be essentially completed within this five-year period and involves all legal land description or survey work being done in-house and all status work being completed either by contract or in-house at the State's option. ALMRS will fund the collection of survey (legal land description) and status input.
6. Future interagency needs are not represented in this analysis and will be addressed by other means.

EQUIPMENT AND SITE REQUIREMENTS

200 Requirements

1. The plan addresses equipment needs for FY 85 through FY 90 based on the following criteria:

Priority 1 procurement consists of all CRTs and printers needed to provide a business operation in the State, District Offices, and Resource Areas to allow collection of the remaining case data and to begin the entering of survey (legal land description) data and/or status data. It represents a minimal equipment and staffing configuration. Because RIMS is still in the design phase, Priority 1 procurement represents the minimum interim solution until full design is completed.

Priority 2 procurement increases the minimal and existing systems available capability to track and query the data base for 50 and public road users. Additional equipment will also be available for 50 staff to enter survey data and status data in RIMS that will be collected at this time.

Priority 3 procurement provides for full implementation of existing and querying systems at all levels of the State and encompasses the extent of this analysis based on RIMS development specifications, the execution of this analysis. The integration of survey and status data into the final RIMS system may present some unforeseeable problems requiring additional equipment, but these kinds of needs cannot be seen at this time, as explained in our assumptions.

2. This analysis assumes that RIMS will have sufficient telecommunications and computer processing support.

3. The plan addresses needs based on system configuration for implementation existing GIS, because GIS technology has not fully been defined.

4. System configuration needs apply to all offices (50 Division, 20 Branch, 50, etc.) should have access to RIMS data and be able to print out information in a convenient location based on user needs. This also includes systems for use. Consider volume, location, and shared network or constant access.

5. Implementation will be essentially completed within this five-year period and involves all legal land description or survey work being done in-house and all status work being completed either by contract or in-house at the State's option. RIMS will fund the collection of survey (legal land description) and status input.

6. Future interagency needs are not represented in this analysis and will be addressed by other means.

7. A very elementary workload analysis is needed at this time to assess the ALMRS workload and thus the necessary equipment (Priority 1) for FY85. For example, a workload of inputting survey information for 2100 townships requires approximately 8400 hours of 4.1 employees per year. Equipment necessary for four employees would include three terminals, a planometer, work space, office equipment, storage area for plats, hanging rack for printouts, etc.
8. ALMRS implementation will retire the following: all Serial Register Pages, the Historical Index, and Mining Claim Microfiche. The microfiche indexes used in the Branch of Mining Law and Saleable Minerals will be available in an improved version if it is not possible to eliminate them entirely by the use of ALMRS.

The improved version would be produced via an update computer output microfiche (COM). The COM output time would be decreased from greater than 30 days to less than 48 hours, and COM-generated reports would be available on an as-needed basis rather than once quarterly.
9. For this analysis, do not consider the use of OMRON or RAMTEK terminals or minitor microcomputers.
10. ALMRS will only pay for first-year maintenance of terminals.

In addition to the Bureau assumptions, California utilized the following assumptions in gathering material for this analysis:

1. California installs and maintains the On-line Recordation and Case Access (ORCA) system. All offices would become responsible for input into Case Recordation.
2. Within 2 years, the mining claim recordation system is to be downloaded and accessible to all offices.
3. The ALMRS data base will include complete land status information by 1990, supported by hard copy material, i.e., official case records, master title plats, and control document index.
4. Public will utilize ALMRS for land and mineral record research.
5. Equipment will be purchased in stages. Equipment needs are to be prioritized. Priority 1 needs are to be considered one and the same as the equipment already designated for installation in FY85. Priority 2 needs would be an increase in equipment to meet basic ALMRS programs. Priority 3 needs would be optimum capability/full performance at the end of FY90.
6. New equipment will be able to access ALMRS and Aspen Data Bases (TP and TSS), and existing State Programs on the Honeywell Level 6, i.e., ORCA, Budget, etc.

7. A very elementary workload analysis is needed at this time to assess the ALMS workload and find the necessary equipment (Priority 1) for FY85. For example, a workload of inputting survey information for 1000 telephone numbers approximately 8400 hours of 4.1 employees per year. Equipment necessary for four employees would include three terminals, a printer, work space, office equipment, storage area for files, bonding rack for printers, etc.

8. ALMS implementation will require the following: all Serial Register files, the Historical Index, and Mining Data Microfilm. The microfilm indexes used in the Branch of Mining Law and Salable Minerals will be available in an indexed version if it is not possible to eliminate them entirely by the use of ALMS.

The program version would be produced via an update computer output device (COPI). The COPI output time would be decreased from greater than 30 days to less than 48 hours, and COPI-generated reports would be available on an as-needed basis rather than once quarterly.

9. For this analysis, do not consider the use of ORION or PATRIS terminals or other microcomputers.

10. ALMS will only pay for first-year maintenance of terminals.

In addition to the above assumptions, California utilized the following exceptions in gathering material for this analysis:

1. California terminals and maintain the on-line recordation and Case Access (COPI) system. All offices would become responsible for input into Case Recordation.

2. Within 2 years, the mining claim recordation system is to be downloaded and accessible to all offices.

3. The ALMS data base will include complete land status information by 1990, supported by hard copy material, i.e., official case records, master title block, and control document index.

4. Public will utilize ALMS for land and mineral record research.

5. Equipment will be purchased in stages. Equipment needs are to be prioritized. Priority 1 needs are to be considered one and the same as the equipment already designated for installation in FY85. Priority 2 needs would be an increase in equipment to meet basic ALMS program. Priority 3 needs would be optimum capability/full performance at the end of FY90.

6. New equipment will be able to access ALMS and Region Data Base (RDB) and local and existing State programs on the Honeywell Level 2, i.e., CRCA, Budget, etc.

ALMRS EQUIPMENT NEEDS

The following area-by-area equipment analysis has been compiled based on the assumptions previously stated and prioritized according to those same assumptions.

Each analysis contains (a) Need, (b) Users, (c) Volume/Usage, (d) Existing ALMRS Equipment, and (e) Additional Equipment Need.

Need is based on both current and future ALMRS workload requirements. Identified users are both current and future, based on assumptions regarding automation of the manual lands system. The volume/usage paragraph on each page reflects both current and future use, estimated from present experience. The existing equipment is that equipment identified for ALMRS use that is compatible with latest specifications for ALMRS development. The additional equipment is based on need, location, and volume of workload.

Up to this point, ALMRS funding has purchased 23 terminals and 15 slave printers for use in California. The three Honeywell VIPs (Model 7801) and the four Honeywell VIPS (Model 7813) are considered as existing equipment in this analysis. The 16 Tandberg terminals and 15 Talley Slave Printers are identified as Priority 1 Equipment Needs and have not been included in the estimated cost figures.

ALRS EQUIPMENT NEEDS

The following area-by-area equipment analysis has been compiled based on the conditions previously stated and prioritized according to those same assumptions.

Each analysis contains: (a) Need, (b) Users, (c) Volume/Usage, (d) Existing ALRS Equipment, and (e) Additional Equipment Need.

Need is based on both current and future ALRS workload requirements. Identified users are both current and future, based on assumptions regarding the succession of the manual lands system. The volume/usage paragraph on each page reflects both current and future use, estimated from present experience. The existing equipment is that equipment identified for ALRS use that is compatible with latest specifications for ALRS development. The additional equipment is based on need, location, and volume of work-load.

Up to this point, ALRS testing has purchased 12 terminals and 13 slave printers for use in California. The three Honeywell VLS (Model VLS) and the four Honeywell VLS (Model VLS) are considered as existing equipment in this analysis. The 12 terminal terminals and 13 slave printers are identified as Priority 1 equipment needs and have not been included in the estimated cost figures.

California State Office - Area-by-Area Analysis of the system will begin

Division of Operations - Branch of Lands & Minerals Operations

Records and Information Section

Accounts and Visitor Services Unit

Need: The Accounts and Visitor Services Unit is responsible for serialization of all applications received in the State Office and the entry of the application data into ALMRS. This Unit is also responsible for servicing the varied public interests which research the land and mineral records. The proposed ALMRS equipment is for the replacement of the manual records system and for a user community that must have access to needed public lands information in a timely manner. The public must have access to serial register information, title records, current land status, and be able to query the system for any of 11 states included in ALMRS. Eventually the public will have access survey information such as mineral surveys, Homestead Entry surveys, and state boundary surveys, as well as the land status.

Users: Title, utility, oil/gas, geothermal and mining companies

Federal, state, and local governments

Surveyors, prospectors and private landowners

Other individuals, usually for title research

BLM Cashier, Public Contact Representatives, and Land Law Examiner

Volume/Usage: There are several leasing companies that use the Serial Register Pages and Master Title Plats full time. There is a heavy public demand for oil/gas, geothermal, and mining claim information. It is

Division of Operations - Branch of Lands & Minerals Operations

Records and Information Section

Account and Visitor Services Unit

Head: The Account and Visitor Services Unit is responsible for providing the public with information regarding the status of the various public lands and mineral resources. The program and equipment is for the replacement of the manual records system and for a user community that must have access to needed public lands information in a timely manner. The public must have access to aerial, register information, title records, current land status, and be able to query the system for any of the states included in RLRS. Eventually the public will have access to survey information such as mineral surveys, historical entry surveys, and state boundary surveys, as well as the land status.

Users: Title, utility, oil/gas, governmental, and mining companies

Federal, state, and local governments

Surveyors, prospectors and private landowners

Other individuals, mainly for title research

Staff: Public Contact Representatives, and Land Law Enforcer

Technology: There are several leading companies that use the aerial register pages and other title plots full time. There is a heavy public demand for oil/gas, governmental, and mining claim information. It is

anticipated that the public and staff usage of the system will begin slowly (approximately 2 hours per day) and increase to peak usage (approximately 6 hours per day).

Existing ALMRS Equipment: None for Case Recordation. The responsibility

Additional Equipment Need: 7 CRTs, 1 Decwriters, 2 Slave Printers, 1 High Speed Line Printer

Priority 1 - 2 CRTs, 2 Slave Printers

Priority 2 - 3 CRTs, 1 Decwriter

Priority 3 - 2 CRTs, 1 High Speed Line Printer

Volume/Usage: This unit will process 500+ entries per month, as well as the data entry of the Legal Land Description. The Legal Land Description Capture should result in a high daily usage of the CRTs (approximately 6 hours per day). As the Title and Records Unit responsibilities grow, the usage of the other CRTs should increase from 2 hours per day to 4 hours per day.

Existing ALMRS Equipment: 3 CRT

Additional Equipment Need: 3 CRTs, 1 Slave Printer

Priority 1 - 1 CRT, 1 Slave printer

Priority 2 - 1 CRT

Priority 3 - 1 CRT

* As the ALMRS functions are realigned, equipment presently in use in the ALMRS Section will be moved into Title and Records.

anticipated that the public and staff usage of the system will begin
rises (approximately 2 hours per day) and increase to peak usage (approx-
imately 8 hours per day)

Existing ASES Equipment: None

Additional Equipment Sought: 3 CRTs, 1 Generator, 2 Slave Printers, 1 High
Speed Line Printer

Priority 1 - 2 CRTs, 2 Slave Printers

Priority 2 - 3 CRTs, 1 Generator

Priority 3 - 2 CRTs, 1 High Speed Line Printer

Records and Information Section

Title and Records Unit

Need: The Title and Records Unit is presently involved in the Legal Land Description Capture and updates for Case Recordation. The responsibility for Case Recordation will continue to grow as ALMRS functions are refined and merged into the workflow.

Users: 3 Data Entry Operators

1 Legal Technician

2 Legal Clerks

1 Land Law Examiner

1 Supervisory Land Records Specialist

Volume/Usage: This Unit will process 500+ entries per month, as well as the data entry of the Legal Land Description. The Legal Land Description Capture should result in a high daily usage of the CRTs (approximately 6 hours per day). As the Title and Records Unit responsibilities grow, the usage of the other CRTs should increase from 2 hours per day to 6 hours per day.

Existing ALMRS Equipment:* 3 CRT

Additional Equipment Need: 3 CRTs, 1 Slave Printer

Priority 1 - 1 CRTs, 1 slave printer

Priority 2 - 1 CRT

Priority 3 - 1 CRT

* As the ALMRS functions are realigned, equipment presently in use in the ALMRS Section will be moved into Title and Records.

Title and Records Unit

The Title and Records Unit is presently involved in the legal land description capture and update for Case Recordation. The responsibility for Case Recordation will continue to grow as ALRS functions are refined and merged into the unit.

Staff: 3 Data Entry Operators

1 Legal Technician

2 Legal Clerks

1 Land Law Examiner

1 Supervisory Land Records Specialist

Volume: This unit will process 200+ entries per month, as well as the data entry of the legal land description. The legal land description capture should result in a high daily usage of the CRTs (approximately 8 hours per day). As the Title and Records Unit responsibilities grow, the usage of the other CRTs should increase from 2 hours per day to 5 hours per day.

Existing ALRS Equipment: 3 CRT

Additional Equipment Need: 3 CRTs, 1 Slave Printer

Priority 1 - 3 CRTs, 1 Slave Printer

Priority 2 - 1 CRT

Priority 3 - 1 CRT

As the ALRS functions are refined, equipment presently in use in the ALRS Section will be moved into Title and Records.

Records and Information Section

Mining Claims and Dockets Unit

Need: Mining Claims - this unit enters new claims; updates existing claims; enters assessments of work; prepares quit claim deeds; generates reports by location, claimant, and claim name; responds to public and agency queries; and will assist in the transition of the mining claims programs into ALMRS. Docket - maintains control of all official case records, enters FRC accession information, and provides data for casework reporting.

Users: 2 Legal Technicians

4 Legal Clerks

2 Microfilm Equipment Operators

2 File Clerks

Volume/Usage: This Unit processes 1,200 new claims per month, 95,000 annual assessment notices yearly, and supplemental documents. The Docket usage will be approximately 1 hour per day. Once mining claims become a portion of ALMRS, usage can be expected to be 8 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 4 CRTs, 1 slave printer

Priority 1 - 1 CRT

Priority 2 - 2 CRTs, 1 Slave Printer

Priority 3 - 1 CRT

Mining Claims and Records Unit

Head: Mining Claims - this unit enters new claims, updates existing claims; enters assessments of work; prepares and issues checks; generates reports by location, claimant, and claim area; responds to public and agency queries; and will assist in the transition of the mining claims program into BLMIS. Docket - maintains control of all official case records, enters the accession information, and provides data for casework reporting.

Staff: 2 Legal Technicians

1 Legal Clerk

1 Microfilm Equipment Operator

1 File Clerk

Forecasting: This unit processes 1,200 new claims per month, \$2,000 annual assessment notices yearly, and supplemental documents. The Docket usage will be approximately 1 hour per day. Once mining claims become a portion of BLMIS, usage can be expected to be 8 hours per day.

Existing BLMIS Equipment

Additional Equipment: 4 CRTs, 1 slave printer

Priority 1 - 1 CRT

Priority 2 - 2 CRTs, 1 slave printer

Priority 3 - 1 CRT

Lands and Locatable Minerals Section

Need: Lands - this unit enters interim actions and pending actions on pending lands cases, checks land status, identifies conflicts, monitors stipulations and classifications, and manages the lands program.

Locatable Minerals - this unit enters interim actions and pending actions on mineral patent applications, multiple-use conflicts, and petitions for deferment of annual assessment work. It also performs land status checks and researches mining claims, asks for and prepares reports for other agencies, prepares quarterly progress reports on minerals programs in the district offices, identifies land management conflicts, and answers queries from other agencies and the public.

Users: 11 Land Law Examiners

1 Secretary

1 Chief, Lands & Locatable Minerals Section

Volume/Usage: Estimated use of two CRTs at 3 to 4 hours daily.

Existing ALMRS Equipment: None

Additional Equipment Need: 2 CRTs, 2 Slave Printers

Priority 1 - None

Priority 2 - 2 CRTs, 2 Slave Printers

Priority 3 - None

Lands and Localities Minerals Section

Staff: 10 - this unit enters interia actions and pending actions on pending lands cases, checks land status, identifies conflicts, monitors stipulations and classifications, and manages the lands program.

Localities Minerals - this unit enters interia actions and pending actions on mineral patent applications, adjusts-use conflicts and petitions for deferment of annual assessment work. It also performs land status checks and researches mining claims, sets for and prepares reports for other agencies, prepares quarterly progress reports on minerals program in the district office, identifies land management conflicts, and answers queries from other agencies and the public.

11 Land Law Enforcement

1 Secretary

1 Chief, Lands & Localities Minerals Section

Volunteer: Estimated use of two CRTs at 1 to 2 hours daily.

Existing Staff Equipment: None

Additional Equipment Req: 2 CRTs, 2 Slave Printers

Priority 1 - None

Priority 2 - 2 CRTs, 2 Slave Printers

Priority 3 - None

Leasable Minerals Section

Need: This unit enters interim actions and pending actions on pending mineral cases, checks land status, enters approved operating rights assignments, identifies land management conflicts and prior filing from reports, tracks bonds and qualifications, monitors stipulations, and answers public and interagency queries while managing the minerals program.

Users: 8 Land Law Examiners
1 Secretary
1 Chief, Leasable Minerals Section
1 Data Entry Operator

Volume/Usage: The Leasable Minerals Unit processes 300 oil and gas lease applications and 150 geothermal lease applications. The Simultaneous program posts 250 parcels per year. Processes 300 assignments. Because On-line Retrieval and Case Access is now available, usage of the system should average 2 to 4 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 4 CRTs, 2 Slave Printers

Priority 1 - None

Priority 2 - 2 CRTs, 2 Slave Printers

Priority 3 - 2 CRTs

Leasable Minerals Section

Need: This unit enters interim actions and pending actions on pending mineral cases, checks land status, enters approved operating rights assignments, identifies land management conflicts and prior filing from reports, tracks bonds and qualifications, monitors resolutions, and answers public and interagency queries while managing the mineral program.

1 Unit, 1 Land Law Examiner

1 Secretary

1 Chief, Leasable Minerals Section

1 Data Entry Operator

Value/Usage: The Leasable Minerals Unit processes 300 oil and gas lease applications and 150 geothermal lease applications. The simultaneous program costs 150 man-hours per year. Processes 300 assignments. Because on-line retrieval and case access is now available, usage of the system should average 1 to 4 hours per day.

Existing ASES Equipment: None

Additional Equipment Need: 4 CRTs, 2 Slave Printers

Priority 1 - None

Priority 2 - 2 CRTs, 2 Slave Printers

Priority 3 - 2 CRTs

ALMRS Section

Need: The Term ALMRS Section is presently processing the majority of the Case Recordation material. These functions will be merged into the regular organization structure of the Branch by FY86. The equipment utilized will be transferred as follows:

Title and Records - 1 CRT, 1 Slave Printer

Land Status/Legal Land Description - 2 CRTs

Leasable Minerals - 1 CRT, 1 Slave Printer

Public Room - 1 Slave Printer

Mining Claims and Docket Unit - 1 Slave Printer

Volume/Usage: Presently 500+ cases per week for entry, update and maintenance, 8 hours per day.

Existing ALMRS Equipment: 4 CRTs, 4 Slave Printers

Additional Equipment Need: None

Priority 1 - None

Priority 2 - None

Priority 3 - None

The ALRS Section is presently processing the majority of the Case Record material. These functions will be merged into the regular organization structure of the Branch by FY88. The equipment utilized will be transferred as follows:

- Title and Records - 1 CRT, 1 Slave Printer
- Land Status/Regul Land Description - 2 CRTs
- Leasable Minerals - 1 CRT, 1 Slave Printer
- Public Land - 1 Slave Printer
- Mining Claims and District Unit - 1 Slave Printer

Personnel: Presently 20+ cases per week for entry, update and maintenance, 8 hours per day.

Existing ALRS Equipment: 4 CRTs, 4 Slave Printers

Additional Equipment Needed: None

- Priority 1 - None
- Priority 2 - None
- Priority 3 - None

Branch of Cadastral Survey

Need: The Branch provides all hardcopy ownership status to 20-30 field land surveyors. In plat preparation cartographic personnel must know current status of all lands encompassed. Survey Records personnel find it necessary to examine case records and status on occasion in responding to public inquiries. Plat reviewers would need terminal access in examining surveys.

Users: 12-14 employees, Land Surveyors, Draft persons, Survey Records Clerks, Geodolist, Budget Analyst

Volume/Usage: 1 to 2 hours per day, to increase as ALMRS data base develops with Land Status and Legal Land Description.

Existing ALMRS Equipment: None*

Additional Equipment Need: 1 Slave Printer

Priority 1 - None

Priority 2 - None

Priority 3 - 1 Slave Printer

* The Branch of Cadastral Survey will utilize the Public Room, Lands and Minerals equipment until the Legal Land Description and Land Status Programs are completed. At that time, they will receive 2 CRTs already in place as existing equipment.

Branch of Cadastral Survey

The Branch provides all necessary equipment and personnel for the survey. In this preparation cartographic personnel will be necessary to examine case records and status on occasion in responding to public inquiries. This reviewer would need formal access in examining survey records.

13-14 employees, Land Surveyors, Draft persons, Survey records Clerk, Geodesist, Budget Analyst

Value/Year: 1 to 2 hours per day, to increase as RMS data base develops with land status and legal land description.

Existing RMS Equipment None

Additional Equipment (None) 1 Slave Printer

Priority 1 - None

Priority 2 - None

Priority 3 - 1 Slave Printer

The Branch of Cadastral Survey will utilize the Public Room, Lands and Minerals equipment until the legal land description and land status program are completed. At that time, they will receive 5 CRTs already in place as existing equipment.

Waterpower

Need: The Waterpower Staff is responsible for waterpower withdrawals in five states and will need access to the data for all five states.

Users: 1 Supervisory Hydraulic Engineer

1 Hydraulic Engineer

1 Civil Engineering Technician

Volume/Usage: Approximately 8 hours per week.

Existing ALMRS Equipment: None*

Additional Equipment Need: None

Priority 1 - None

Priority 2 - None

Priority 3 - None

* The Waterpower Staff has existing equipment which will, with adjustments, be able to access ALMRS.

Waterpower

Staff: The Waterpower Staff is responsible for waterpower withdrawal in five states and will need access to the data for all five states.

Staff: 1 Supervisory Hydraulic Engineer

1 Hydraulic Engineer

1 Civil Engineering Technician

Volume/Usage: Approximately 8 hours per week.

Existing A/R's Equipment: None

Additional Equipment Staff: None

Priority 1 - None

Priority 2 - None

Priority 3 - None

* The Waterpower Staff has existing equipment which will adjust -
ments, be able to access A/R's.

Appraisal Staff

Need: This unit updates appraisal information on exchanges, sales, rights-of-way, and leases. It reviews caseload for scheduling appraisals, reviews the most recent rate changes and appraisal values via ALMRS audit reports, and manages the appraisal program. Appraisal values and changes are updated directly into ALMRS.

Users: 4 Appraisers

Volume/Usage: Estimated maximum use would be 3 to 4 hours per day for 1 CRT.

Existing ALMRS Equipment: None*

Additional Equipment Need: 1 Slave Printer

Priority 1 - None

Priority 2 - None

Priority 3 - 1 Slave Printer

* The Appraisal Staff, because of location, would utilize the equipment installed in Waterpower. As the Legal Land Description and Land Status Project closes, the Appraisal Staff will receive 1 CRT of existing equipment.

Operational Staff

This will update appraisal information on exchanges, raise rights-of-way and leases. It reviews cases for scheduling appraisals, reviews the most recent rate changes and appraisal values via ALWS audit reports, and manages the appraisal program. Appraisal values and changes are

updated directly into ALWS.

Users: 4 Appraisers

Value/Hours: Estimated maximum use would be 3 to 4 hours per day for 1

CR

Existing ALWS Equipment: None

Additional Equipment Needed: 1 Slave Printer

Priority 1 - None

Priority 2 - None

Priority 3 - 1 Slave Printer

The Appraisal Staff, because of location, would utilize the equipment located in Westborough. At the legal land description and land status project closer, the Appraisal Staff will receive 1 CR of existing equipment.

ATROW

Need: This staff is responsible for right-of-way and land acquisitions. The capabilities of ALMRS, including On-line Retrieval, will provide a good working tool.

Users: 1 State ATROW Specialist

2 Realty Specialists

Volume/Usage: The staff processes approximately 75 acquisitions per year. Use of the system would be 2 to 4 hours per week.

Existing ALMRS Equipment: None*

Additional Equipment Need: 1 Slave Printer

Priority 1 - None

Priority 2 - None

Priority 3 - 1 Slave Printer

* ATROW will utilize the equipment to be installed in the Division of Lands and Renewable Resources. As the Legal Land Description and Land Status Project is completed 1 CRT of existing equipment will be transferred to this area.

ATXOM

This staff is responsible for right-of-way and land acquisition. The acquisition of ATXOM, including in-line retrieval, will provide a good working base.

1 ATXOM Specialist
1 Realty Specialist

Volume: The staff processes approximately 75 acquisitions per year. Use of the system would be 3 to 4 hours per week.

Existing A/R's Equipment: None*

Additional Equipment: 1 Slave Printer

Priority 1 - None

Priority 2 - None

Priority 3 - 1 Slave Printer

* ATXOM will utilize the equipment to be installed in the Division of Land and Resource Resources. As the Legal Land Description and Land Status project is completed 1 CRT of existing equipment will be transferred to this area.

Deputy SD, Operations Renewable Resources

Need: The Deputy State Director's Office is responsible for reporting progress to the State Director. The case progress is monitored in the ALMRS and ORCA Data Bases. Monthly progress meetings are held with the State Director.

Users: 1 Deputy State Director

1 Program Analyst

Volume/Usage: Reports will be the main access item, both ALMRS and ORCA.

The system would be utilized 1 hour per day.

Existing ALMRS Equipment: None*

Additional Equipment Need: 1 Slave Printer

Priority 1 - None

Priority 2 - None

Priority 3 - 1 Slave Printer

* This office will utilize equipment within the ALMRS Section until the completion of the Legal Land Description and Land Status Capture. At that time, 1 CRT from existing equipment will be installed in this office.

Deputy 30. Operations

Key: The Deputy State Director's Office is responsible for reporting progress to the State Director. The case progress is monitored in the RMS and OCA Data bases. Monthly progress meetings are held with the

State Director

Year: 1 Deputy State Director

1 Program Analyst

Value/Usage: Reports will be the main access tool, both RMS and OCA. The system would be utilized 1 hour per day.

Existing In-House Equipment: None

Additional Equipment Req'd: 1 Slave Printer

Priority 1 - None

Priority 2 - None

Priority 3 - 1 Slave Printer

* This office will utilize equipment within the RMS section until the completion of the legal land description and land status capture. At that time, 1 CRT from existing equipment will be installed in this

office

Division of Lands and Renewable Resources

Need: Monitors and updates specific ALMRS case types such as trespass, pending and authorized lands cases, etc. The unit has the potential for monitoring other natural resource management claims on public lands such as grazing leases/privileges; protected areas such as wilderness, ACEC, and natural areas; withdrawal reviews; managing cultural sites and encroachments; rights-of-way; activities/claims in key wildlife areas; timber sales/management; activities/claims affecting environmental concerns (air, water, soil, etc.).

Users: All Natural Resource Specialists in Division

Volume/Usage: Total usage amounting to approximately 1 to 2 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

and monitor and update specific RFRS case files such as trespass, pending and authorized lands cases, etc. The unit has the potential for monitoring other natural resource management claims on public lands such as grazing leasehold disputes, protected areas such as wilderness, ACEC, and natural areas withdrawal reviews; managing cultural sites and archaeological sites; rights-of-way; activities/claims on key wildlife areas; timber sale management; activities/claims affecting environmental concerns (air, water, soil, etc.)

Very: All Natural Resource Specialists in Division

Volunteers: Total needs amounting to approximately 1 to 2 hours per day.

Existing WFRS Equipment: None

Additional Equipment Needed: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Division of Mineral Resources

Need: This Division is responsible for the overall administration of the mineral program. Actions involving KGS and KGRA classifications, competitive sales, mining plans, etc. will be updated to the system and tracked through the various reporting capabilities. The consolidation of the previous MMS computer systems into ALMRS will greatly increase their need for the system.

Users: All Mineral personnel in Division

Volume/Usage: System would be used approximately 1 to 2 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Note: This Division is responsible for the overall administration of the mineral program. Actions involving RMR and RMR classifications, contracts, time rates, mining plans, etc. will be updated to the system and tracked through the various reporting capabilities. The consolidation of the previous RMR computer system into RMR will greatly increase their need for the system.

Users: All Mineral personnel in Division

Value/Usage: System would be used approximately 1 to 2 hours per day

Existing RMR Equipment: None

Additional Equipment: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Bakersfield District Office

Division of Minerals Resources

Need: This Division performs pre-lease and post-lease operations concerning oil and gas, geothermal, and solid mineral leasing. Pre-lease activities include KGS's, KRGA's, KLA's and ACMP designations, lands designated as being prospectively valuable for leasable and salable minerals, mineral management plans, GEM assessment, GRA's, and areas that have undergone formal mineral assessments, inventories, or potential determinations (such as areas covered by mineral reports). Post-lease activities include ADP's, sundry notices, exploration and mine plans, drainage determinations, etc. The equipment requested will be used to access mineral lease status (current owner/assignee, designated operator, bond amount, etc.) and mining claim data.

Users: All Mineral Resource Personnel

Volume/Usage: Expected use of 2 to 4 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 2 CRTs

Priority 1 - None

Priority 2 - 1 CRT

Priority 3 - 1 CRT

Division of Mineral Resources

Request: This Division requires pre-lease and post-lease operations concerning oil and gas, geothermal, and solid mineral leasing. Pre-lease activities include KCA's, KLA's and KOP designations. Items designated as being prospectively valuable for leaseable and soluble minerals include mineral plans, COP assessments, GSA's, and areas that have undergone formal mineral assessments, inventories, or potential determinations (such as areas covered by mineral records). Post-lease activities include: 1) surveying, mapping, exploration and mine plans, drainage determinations, etc. The equipment requested will be used to access mineral lease status (current ownership, designated operator, bond amount, etc.) and related data.

Priority: All Mineral Resource Personnel

Volume/Time: Expected use of 1 to 4 hours per day.

Existing Equipment: None

Additional Equipment: 2 CRTs

Priority 1 - None

Priority 2 - 1 CRT

Priority 3 - 1 CRT

Bakersfield District Office

Division of Administration and Others:

Need: The Land Law Examiner prepares data to be entered into the ALMRS system and the California Lands Tracking Program. The two systems provide vital information for managing the lands program (i.e., case status, pending action, future action requirements, various reports for case management, and progress achievements). The land law examiner will code new data directly into the system at the time the action occurs. Also, the public will utilize ALMRS for land and mineral record research. Public access to current information will be provided in the following areas: land actions, mining claims, oil and gas leases, and related status information

Users: 1 Land Law Examiner
1 Docket Clerk
1 Computer Operator
1 Public Contact Clerk
1 Budget Officer

Public: Title, utility, oil and gas, and mining interests

Volume/Usage: The District is responsible for 800+ rights-of-ways and 100+ land use applications received each year. The use would be approximately 7 to 10 hours per week, gradually increasing.

Existing ALMRS Equipment: None

Division of Administration and Other

The Land Law Examiner prescribes data to be entered into the ALPS system and the California Lands Tracking Program. The two systems provide vital information for managing the lands program (i.e., case status, pending action, future action requirements, various reports for case management, and progress achievement). The land law examiner will code new data directly into the system at the time the action occurs. Also, the office will utilize ALPS for land and mineral record research. Public access to current information will be provided in the following areas: land actions, mining claims, oil and gas leases, and related status information.

- 1 Land Law Examiner
- 1 Grants Clerk
- 1 Computer Operator
- 1 Public Contact Clerk
- 1 Budget Officer

Public: title, utility, oil and gas, and mining interests

The District is responsible for 800+ rights-of-way and 100+ land use applications received each year. The use would be approximately 7 to 10 hours per week, gradually increasing.

Existing ALPS Equipment: None

Additional Equipment Need: 2 CRTs, 2 Slave Printers, 1 High Speed Line Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - 1 High Speed Line Printer

Additional Equipment Used: 2 CRTs, 2 Slave Printers, 1 High Speed Line

Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - 1 High Speed Line Printer

Bakersfield District Office

Caliente Resource Area - Detached

Need: The Resource Area manages lease/permitting systems; manages BLM natural resource programs such as lands, minerals, grazing, wildlife, recreation, wilderness, soil/water/air, etc. The office regularly monitors land status for any of these programs, but especially for trespass, rights-of-way, wilderness, and ACEC management. Staff enters interim actions on lands cases from reports or letters to and from applicants and other agencies along with pending actions codes and verification of land status. The Resource Area responds to both public and interagency queries. Also, the office provides much over-the-counter assistance as well as assistance to public users of the Public Room CRT.

Users: All Resource Specialists (especially realty, geologist and mining engineer), Area Manager, Area Clerk, and the Public

Volume/Usage: Use is estimated at about 3 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - None

California Resource Area - Attached

The Resource Area manages lease/patenting systems, manages BLM natural resource programs such as lands, minerals, grazing, wildlife, recreation, wilderness, soil/water/air, etc. The office regularly monitors land status for any of these programs, but especially for trespass, rights-of-way, wilderness, and RWC management. Staff enters interior actions on lands cases from reports or letters to and from applicants and other agencies along with pending actions cases and verification of land status. The Resource Area responds to both public and interagency queries. Also, the office provides week over-the-counter assistance as well as assistance to public users of the Public Land Act.

Staff: All resource specialists (especially rearing, geologist and mining engineer), Area Manager, Area Clerk, and the Public

Volunteer/Agency: Use is estimated at about 3 hours per day.

Existing BLM Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - None

Bakersfield District Office

Bishop Resource Area - Detached

Need: The Resource Area manages lease/permitting systems; manages BLM natural resource programs such as lands, minerals, grazing, wildlife, recreation, wilderness, soil/water/air, etc. The office regularly monitors land status for any of these programs, but especially for trespass, rights-of-way, wilderness, and ACEC management. Staff enters interim actions on lands cases from reports or letters to and from applicants and other agencies along with pending actions codes and verification of land status. The Resource Area responds to both public and interagency queries. Also, the office provides much over-the-counter assistance as well as assistance to public users of the Public Room CRT.

Users: All Resource Specialists (especially realty, geologist, and mining engineer), Area Manager, Area Clerk, and the Public

Volume/Usage: Use is estimated at about 3 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Bakersfield District Office

Folsom Resource Area - Detached

Need: The Resource Area manages lease/permitting systems; manages BLM natural resource programs such as lands, minerals, grazing, wildlife, recreation, wilderness, timber soil/water/air, etc. The office regularly monitors land status for any of these programs, but especially trespass, rights-of-way, wilderness, and ACEC management. Staff enters interim actions on lands cases from reports or letters to and from applicants and other agencies along with pending actions codes and verification of land status. The Resource Area responds to both public and interagency queries. Also, the office provides much over-the-counter assistance as well as assistance to public users of the Public Room CRT.

Users: All Resource Specialists (especially realty, geologist/mining engineer), Area Manager, Area Clerk, and the Public

Volume/Usage: Use is estimated at about 3 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - None

Public Access - Details

The Department has a number of services available to the public. The office regularly provides information on a number of issues, including the status of cases, the results of hearings, and the availability of records. The office also provides information on the availability of records, the results of hearings, and the status of cases. The office also provides information on the availability of records, the results of hearings, and the status of cases.

For more information, please contact the Public Access Unit.

The Department is committed to providing the highest quality of service to the public.

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Bakersfield District Office

Hollister Resource Area

Need: The Resource Area manages lease/permitting systems; manages BLM natural resource programs such as lands, minerals, grazing, wildlife, recreation, wilderness, soil/water/air, etc. The office regularly monitors land status for any of these programs, but especially for trespass, rights-of-way, wilderness, and ACEC management. Staff enters interim actions on lands cases from reports or letters to and from applicants and other agencies along with pending actions codes and verification of land status. The Resource Area responds to both public and interagency queries. Also, the office provides much over-the-counter assistance as well as assistance to public users of the Public Room CRT.

Users: All Resource Specialists (especially realty, geologist/mining engineer), Area Manager, Area Clerk, and the Public

Volume/Usage: Use is estimated at about 3 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Hollister Resource Area

Needs: The Resource Area manager is responsible for the management of the Resource Area. The office regularly monitors natural resource programs such as lands, minerals, grazing, wildlife, recreational development, etc. The office regularly monitors land status for any of these programs, but especially for forest, timber, etc. Staff enter inter-agency actions on land cover from reports or letters to and from applicants and other agencies along with zoning actions codes and verification of land status. The Resource Area responds to both public and interagency queries. Also, the office provides such one-to-one assistance as well as assistance to public users of the Public Use Map.

Staff: All Resource Specialists (especially forestry, geologists, etc.) have a background in the field, and the Public

Volunteers: This is estimated at about 2 hours per day

Existing Staff: None

Additional Equipment: 1 GRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 GRT, 1 Slave Printer

Priority 3 - None

Susanville District Office

Division of Resource Management, Division of Operations, Public Contact Staff

Need: The Resources Division updates and monitors specific lands and minerals case types such as rights-of-ways, R&PPs, sales, exchanges, trespass, mining claims, mineral leases, mineral material sales, and other pending and authorized lands and mineral cases. These units will also be used to answer public inquiries on the status of lands cases, mining claims, land ownership status, and survey data. The Division of Operations would use the system for survey data and easement information. The unit also has the potential for monitoring grazing permits, wilderness areas, ACECs, withdrawal reviews, cultural sites, and timber sales.

Users: All specialists in District, Public Contact Personnel, and the Public

Volume/Usage: The system would be used 1 to 2 hours per day, increasing to 3 or more hours per day when all data has been input.

Existing ALMRS Equipment: None

Additional Equipment Need: 2 CRTs, 2 Slave Printers, 1 High Speed Line Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - 1 CRT, 1 Slave Printer, 1 High Speed Line Printer

Division of Resource Management, Division of Operations, Public Con-

cept Staff

and The Resources Division updates and monitors specific lands and mineral case types such as rights-of-way, RSPs, sales, exchanges, easements, mining claims, mineral leases, mineral material sales, and other pending and authorized lands and mineral cases. These units will also be used to answer public inquiries on the status of lands cases, mining claims, and ownership status, and survey data. The Division of Operations would use the system for survey data and assessment information. The unit also has the potential for monitoring grazing permits, wilderness areas, road, wilderness review, cultural sites, and labor sales.

Staff: All specialists in District, Public Contact Personnel, and the Public

Volume: The system would be used 1 to 2 hours per day, increasing to 3 or more hours per day when all data has been input.

Existing APTS Equipment: None

Additional Equipment Needed: 2 CRTs, 2 Slave Printers, 1 High Speed Line Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - 1 CRT, 1 Slave Printer, 1 High Speed Line Printer

Susanville District Office

Eagle Lake Resource Area - Detached

Need: Each Resource Area has the primary responsibility for processing and updating rights-of-way and R&PP leases. They are also primary public contact points for lands, minerals, grazing, wildlife, recreation, and other resource activities. The equipment is needed for updating cases and responding to public inquiries, as well as reference on lands and minerals cases, land status, and surveys.

Users: All Area Resource Specialist, Area Manager, Area Clerk and Public

Volume/Usage: Each terminal and printer would be used about 1 to 2 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Eagle Lake Resource Area - Detached

Each Resource Area has the primary responsibility for processing and updating rights-of-way and lease leases. They are also primary public contact points for lands, minerals, grazing, wildlife, recreation, and other resource activities. The equipment is needed for updating cadastral mapping to public industries, as well as reference on lands and minerals, land status, and surveys.

All three resource specialists, Area Manager, Area Clerk and Public

Relationships: Each resource specialist and printer would be used about 1 to 2 hours

per day

Existing BUREAU Equipment: None

Additional Equipment Needed: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Susanville District Office

Alturas Resource Area - Detached

Need: Each Resource Area has the primary responsibility for processing and updating rights-of-way and R&PP leases. They are also primary public contact points for lands, minerals, grazing, wildlife, recreation, and other resource activities. The equipment is needed for updating cases and responding to public inquiries, as well as reference on lands and minerals cases, land status, and surveys.

Users: All Area Resource Specialist, Area Manager, Area Clerk and Public

Volume/Usage: Each terminal and printer would be used about 1 to 2 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Private Resource Area - Detailed

Each Resource Area has the primary responsibility for processing and updating right-of-way and RFP leases. They are also primary public contact points for lands, minerals, grazing, wildlife, recreation, and other resource activities. The equipment is needed for visiting cases and responding to public inquiries, as well as reference on lands and minerals cases, land status, and surveys.

Staff: All Area Resource Specialists, Area Manager, Area Clerk and Public

Requirements: Each terminal and printer would be used about 1 to 2 hours

per day.

Existing Area Equipment: None

Additional Equipment Needed: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Susanville District Office

Surprise Resource Area - Detached

Need: Each Resource Area has the primary responsibility for processing and updating rights-of-way and R&PP leases. They are also primary public contact points for lands, minerals, grazing, wildlife, recreation, and other resource activities. The equipment is needed for updating cases and responding to public inquiries, as well as reference on lands and minerals cases, land status, and surveys.

Users: All Area Resource Specialists, Area Manager, Area Clerk and Public

Volume/Usage: Each terminal and printer would be used about 1 to 2 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Supervisory Resource Area - Detached

Need: Each Resource Area has the primary responsibility for processing and updating rights-of-way and R&P leases. They are also primary public contact points for lands, minerals, grazing, wildlife, recreation, and other resource activities. The equipment is needed for updating cases and responding to public inquiries, as well as reference on lands and minerals cases, land status, and surveys.

Staff: All Area Resource Specialists, Area Manager, Area Clerk and Public

Volunteers: Each Resource Area would be used about 1 to 2 hours

per day

Existing Area Equipment: none

Additional Equipment Needed: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Ukiah District Office

Public Room

Need: Responds to queries from other agencies and the public (over-the-counter, letter, or phone) on land status, pending applications, mining claims, and other lands and minerals data.

Users: Public and Public Contact Clerks

Volume/Usage: Approximately 2 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - None

Public Room

Users: Requests to purchase from other agencies and the public (over-the-counter, letter, or phone) on land status, pending applications, mining claims, and other lands and mineral data.

Users: Public and Public Contact Clerks

Yellow Pages: Approximately 2 hours per day.

Existing Public Equipment: None

Additional Equipment Request: 1 CRT, 1 Slave Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - None

Ukiah District Office

Administration

Need: This unit inputs all ALMRS applications filed within the District, trespass information and timber sales. This office will track all District/Resource Area progress and maintain control of all cases and reports to and from the location.

Users: ADP Coordinator and personnel in Administration

Volume/Usage: Approximately 2 hours per day to accommodate the updating and entry of data into ALMRS.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Administration

Need: This unit inputs all RMR's applications filed within the District. It processes information and issues sales. This office will track all RMR's applications from progress and maintain control of all cases and reports to and from the location.

Users: One Coordinator and personnel in Administration

Volume/Hours: Approximately 1 hour per day to accommodate the updating and entry of data into RMR's.

Existing RMR's Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Ukiah District Office

Division of Resource Management and Division of Operations

Need: Monitors and updates specific ALMRS case types such as trespass, pending and authorized lands cases, ATROW, etc. Has the potential for monitoring other natural resource programs.

Users: All Resource Specialists in both Divisions and ATROW Specialists

Volume/Usage: 1 to 2 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 High Speed Line Printer

Priority 1 - None

Priority 2 - None

Priority 3 - 1 CRT, 1 High Speed Line Printer

Division of Resource Management and Division of Operations

Key: Minutes and related specific RMR case types such as trespass, pending and authorized lands cases, AIROW, etc. See the potential for monitoring other natural resource programs.

Staff: All resource specialists in both Division and RTRM specialists

Volume/Hours: 1 to 3 hours per day

Existing RMR Equipment: None

Additional Equipment: 1 CRT, 1 High Speed Line Printer

Priority 1 - None

Priority 2 - None

Priority 3 - 1 CRT, 1 High Speed Line Printer

Ukiah District Office

Minerals Division and Clear Lake Resource Area (Annexed)

Need: The Area Realty Specialists and all the Mineral Specialists will be entering and updating ALMRS for lands and minerals cases. The system will also be used as a research aid.

Users: Realty Specialists and Mineral Specialists, Area Manager, Area

Volume/Usage: 1 to 2 hours per day

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT

Priority 1 - None

Priority 2 - 1 CRT

Priority 3 - None 1 Slave Printer

Minerals Division and Clear Lake Resource Area (Annexed)

From: The new Realty Specialists and all the Mineral Specialists will be entering and updating data for lands and mineral cases. The system will also be used as a research aid.

Staff: Realty Specialists and Mineral Specialists

Volume: 1 to 2 hours per day

Existing Equipment: None

Additional Equipment: None

Priority 1 - None

Priority 2 - 1 CRT

Priority 3 - None

Ukiah District Office

Arcata Resource Area - Detached

Need: This unit would be utilized by the entire resource area personnel and the general public. It would be used to up-date ALMRS, pull reports, and provide public assistance and education to public users.

Users: Realty Specialists, Resource Specialists, Area Manager, Area Clerk, and Public

Volume/Usage: 1 to 2 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Area Resource Area - Detailed

Need: This unit would be utilized by the entire resource area personnel and the general public. It would be used to up-date RFRS, pull reports, and provide public assistance and education to public users.

Users: Social Scientists, Resource Specialists, Area Manager, Area

Clark, and Public

Volume/Hours: 1 to 2 hours per day

Existing Area Equipment: None

Additional Equipment: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

Ukiah District Office

Redding Resource Area - Detached

Need: This unit will input all ALMRS applications filed at the location, trespass information, and minerals and timber sales. This office will track and report all resources and progress and maintain control of all of its cases and reports to and from the location. This office is responsible for verification and correction of ALMRS input from the location. They provide public service and information from location.

Users: Realty Specialists, Minerals Specialists, Adjudicator, and Public

Volume/Usage: Approximately 4 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 2 CRTs, 2 Slave Printers

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - 1 CRT, 1 Slave Printer

Existing Resource Area - Detached

This unit will deal with all AIBS applications filed at the location. This office will propose restoration, and minerals and timber sales. This office will track and report all resources and progress and maintain control of all of its cases and reports to and from the location. This office is responsible for verification and extraction of AIBS input from the location. They provide public service and information from location.

Key personnel, minerals specialists, geologists, and public

volunteers approximately 4 hours per day

Existing AIBS Equipment: None

Additional Equipment Needed: 2 CRTs, 2 Slave Printers

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - 1 CRT, 1 Slave Printer

California Desert District Office

Division of Administration Public Room, Division of Resources Realty
Section

Need: The Realty Section inputs all ALMRS applications filed at this location, trespass information, and mineral material sales. This office will track and report all district/resource area progress and maintain control of all cases and reports to and from the location. This office is responsible for verification and correction of all ALMRS inputs from the location and ALMRS orientation/training for local staff. Responds to queries from other agencies and the public on land status, pending applications, mining claims, and other lands data. In the adjudication process, the unit requests reports on applications to identify prior filings and annotates ALMRS. The Public Room provides public assistance and education for public users of ALMRS equipment located in this area.

Users: 1 Land Law Examiner
1 Legal Clerk
1 Secretary
2 Public Contact Clerks
Public

Volume/Usage: Estimated use would be 4 to 5 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 2 CRTs, 2 Slave Printers, 1 High Speed Printer

Priority 1 - 2 CRTs, 2 Slave Printers

Priority 2 - None

Priority 3 - 1 High Speed Printer

Division of Administration Public Room, Division of Resources Realty

Section

The Realty Section handles all ALRS applications filed at this location, trespass information, and general material sales. This office will track and report all district-wide area progress and maintain control of all cases and reports to and from the location. This office is responsible for verification and correction of all ALRS inputs from the location and ALRS orientation/training for local staff. Responds to queries from other agencies and the public on land status, pending applications, zoning status, and other land data. In the adjudication process, the staff responds to reports on applications to identify prior filings and another ALRS. The Public Room provides public assistance and education for public users of ALRS equipment located in this area.

1 Land Law Examiner

1 Legal Clerk

1 Secretary

3 Public Contact Clerks

Public

Volunteers: Estimated one would be 4 to 5 hours per day.

Existing ALRS Equipment: None

Additional Equipment Needed: 2 CRTs, 2 Slave Printers, 1 High Speed Printer

Priority 1 - 2 CRTs, 2 Slave Printers

Priority 2 - None

Priority 3 - 1 High Speed Printer

California Desert District Office

Division of Resource Management and Others

Need: Monitors and updates specific ALMRS case types such as trespass, pending and authorized lands cases, etc. The unit has the potential for monitoring other natural resource management claims on public lands such as grazing leases, privileges; protected areas such as wilderness, ACECs, and natural areas; withdrawal reviews; managing cultural sites and encroachments; rights-of-ways; activities/claims in key wildlife areas; activities/claims affecting environmental concerns (air, water, soil, etc.).

Users: All Resource Specialists

Volume/Usage: 2 to 4 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - None

Priority 3 - 1 CRT, 1 Slave Printer

Division of Resource Management and Other

These activities and studies specific to BLMRS case types such as trespass, grazing and authorized lands cases, etc. The unit has the potential for monitoring other natural resource management plans on public lands such as grazing leases, riparian, protected areas such as wilderness, ACECs, and natural areas; wilderness review; managing cultural sites and on-crochastic; right-of-way, activities/claims in key wildlife areas; activities/claims affecting environmental concerns (air, water, soil, etc.)

Staff: All resource specialists

Volunteers: 1 to 4 hours per day

Existing BLM Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - None

Priority 3 - 1 CRT, 1 Slave Printer

California Desert District Office

Ridgecrest Resource Area

Need: This unit manages lease/permitting systems; manages BLM natural resource programs, such as lands, minerals, grazing, wildlife, recreation, wilderness, soil/water/air, etc. A resource area may regularly monitor land status for any of these programs but especially for trespass, rights-of-way, wilderness, and ACEC management. Staff enters interim actions on lands cases from reports or letters to and from applicants and other agencies along with pending action codes and verification of land status. The resource area responds to both public and interagency queries.

Users: All Resource Specialists

Branch Chiefs

Area Manager

Area Clerk and Clerical Staff

Public

Volume/Usage: System would be in use 3 to 4 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - None

Widgest Resource Area

This unit manages lease/permitting systems; manages BLM natural resource programs such as lands, minerals, grazing, wildlife, recreation, wilderness, soil/water/air, etc. A resource area may regularly monitor land status for any of these programs but especially for trespass, rights-of-way, wilderness, and R/C management. Staff enters inter-agency actions on lands cases from records or letters to and from applicants and other agencies along with pending action codes and verification of land status. The resource area responds to both public and interagency queries.

Users: All Resource Specialists

Branch Chief

Area Manager

Area Clerk and Clerical Staff

Public

Volume/Usage: System would be in use 3 to 4 hours per day.

Existing Equipment: None

Proposed Equipment: 1 CRT, 1 Slave Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - None

California Desert District Office

Indio Resource Area (Annexed)

Need: This unit manages lease/permitting systems; manages BLM natural resource programs such as lands, minerals, grazing, wildlife, recreation, wilderness, soil/water/air, etc. A resource area may regularly monitor land status for any of these programs but especially for trespass, rights-of-way, wilderness, and ACEC management. Staff enters interim actions on lands cases from reports or letters to and from applicants and other agencies along with pending action codes and verification of land status. The resource area responds to both public and interagency queries.

Users: All Resource Specialists

Area Manager

Area Clerk and Clerical Staff

Public

Volume/Usage: The system would be used 2 to 3 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - None

Priority 2 - 1 CRT, 1 Slave Printer

Priority 3 - None

California Desert District Office

El Centro Resource Area

Need: This unit manages lease/permitting systems; manages BLM natural resource programs such as lands, minerals, grazing, wildlife, recreation, wilderness, soil/water/air, etc. A resource area may regularly monitor land status for any of these programs but especially for trespass, rights-of-way, wilderness, and ACEC management. Staff enters interim actions on lands cases from reports or letters to and from applicants and other agencies along with pending action codes and verification of land status. The resource area responds to both public and interagency queries.

Users: All Resource Specialists

Branch Chiefs

Area Manager

Area Clerk and Clerical Staff

Public

Volume/Usage: The system would be in use 3 to 4 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - None

El Centro Resource Area

This unit manages... resources... land status... trespass, rights...

El Centro Resource Area

Branch Office

Area Manager

Area Clerk and District Staff

Public

... The system...

...

...

Priority 1 - 1 CAT, 1 State Printer

Priority 2 - None

Priority 3 - None

California Desert District Office

Barstow Resource Area - Detached

Need: This unit manages lease/permitting systems; manages BLM natural resource programs such as lands, minerals, grazing, wildlife, recreation, wilderness, soil/water/air, etc. A resource area may regularly monitor land status for any of these programs but especially for trespass, rights-of-ways, wilderness, and ACEC management. Staff enters interim actions on lands cases from reports or letters to and from applicants and other agencies along with pending action codes and verification of land status. The resource area responds to both public and interagency queries.

Users: All Resource Specialists

Branch Chiefs

Area Manager

Area Clerk and Clerical Staff

Public

Volume/Usage: System use will be approximately 3 to 4 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - None

Swanton Resource Area - Detailed

This unit manages land/permitting systems; manages BLM natural resource programs such as lands, minerals, grazing, wildlife, recreation, wilderness, soil/water/air, etc. A resource area may regularly monitor land status for any of these programs but especially for progress, rights-of-way, wilderness, and RCE management. Staff enters interim actions on lands cases from reports or letters to and from applicants and other agencies along with pending action codes and verification of land status. The resource area responds to both public and interagency queries.

Staff: All Resource Specialists

Branch Chief

Area Manager

Area Clerk and Clerical Staff

Public

Volunteers: Staff use will be approximately 2 to 4 hours per day

Existing Plans/Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - None

California Desert District Office

Needles Resource Area - Detached

Need: This unit manages lease/permitting systems; manages BLM natural resource programs such as lands, minerals, grazing, wildlife, recreation, wilderness, soil/water/air, etc. A resource area may regularly monitor land status for any of these programs but especially for trespass, rights-of-ways, wilderness, and ACEC management. Staff enters interim actions on lands cases from reports or letters to and from applicants and other agencies along with pending action codes and verification of land status. The resource area responds to both public and interagency queries.

Users: All Resource Specialists

Branch Chiefs

Area Clerk and Clerical Staff

Area Manager

Public

Volume/Usage: System use will be approximately 3 to 4 hours per day.

Existing ALMRS Equipment: None

Additional Equipment Need: 1 CRT, 1 Slave Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - None

Resource Management Plan - Detached

This plan will manage land/pertaining systems; manage BLM natural resource program such as lands, minerals, grazing, wildlife, recreation, wilderness, soil/water/air, etc. A resource area may regularly monitor land status for any of these programs but especially for trespass, rights-of-way, wilderness, and WAD management. Staff enters interim actions on lands cases from reports or letters to and from applicants and other agencies along with pending action orders and verification of land status. The resource area responds to both public and interagency queries.

County: All Resource Specialists

Branch Chief

Area Chief and Electrical Staff

Area Manager

Public

Volunteers: System use will be approximately 1 to 2 hours per day

Existing in the Resource Area

Additional Equipment: 1 CRT, 1 Slave Printer

Priority 1 - 1 CRT, 1 Slave Printer

Priority 2 - None

Priority 3 - None

ALMRS PROCUREMENT TOTALS BY PRIORITY

PRIORITY 1*

FY 85

<u>Office</u>	<u>CRTs</u>	<u>Printers</u>
California State Office		
Division of Operations		
Accounts & Visitor Services	2	2
Title & Records	1	1
Mining Claims & Dockets	1	0
Lands & Locatable Minerals	0	0
Leasable Minerals	0	0
Cadastral Survey	0	0
Waterpower, ATROW, Appraisers, DSD	0	0
Division of Lands & Renewable Resources	0	0
Division of Mineral Resources	0	0
Bakersfield District Office		
District Office	1	1
Resource Areas (Detached: Caliente, Folsom, Bishop, Hollister)	2	2
Susanville District Office		
District Office	1	1
Resource Areas (Detached: Eagle Lake, Alturas, Surprise)	0	0
Ukiah District Office		
District Office	1	1
Resource Areas (Detached: Arcata, Redding)	1	1
Resource Area (Annexed: Clearlake)	0	0
California Desert District Office		
District Office	2	2
Resource Areas (Detached: Barstow, El Centro, Needles, Ridgecrest)	4	4
Resource Area (Annexed: Indio)	0	0
TOTAL	16	15

* Priority 1 equipment needs have been purchased and will be operational by close of FY85.

ALPHABETICALLY LISTED BY PRIORITY

PRIORITY 2*

FY 82

Printers	GETs	Offices
0	0	Division of Mineral Resources
0	0	Division of Land & Renewable Resources
0	0	Waterways, AT&T, Fisheries, GIB
0	0	Conservation Survey
0	0	Landable Minerals
0	0	Land & Locatable Minerals
0	1	Mining Claims & Leases
1	1	Title & Records
2	2	Accounts & Visitor Services
0	0	Division of Operations
0	0	California State Office
2	2	Resource Area (Detached): Colton, Folsom, Dixon, Westley
1	1	District Office
0	0	Resource Area (Detached): Eagle Lake, Alvarado, Turpin
0	0	District Office
1	1	District Office
0	0	Resource Area (Detached): Clearlake
1	1	Resource Area (Detached): Arden, Redding
1	1	District Office
0	0	Resource Area (Detached): Lodi
0	0	Resource Area (Detached): El Centro, Redding, Redwood
4	4	Resource Area (Detached): Garson
2	2	District Office
0	0	California Desert District Office
16	16	TOTAL

* Priority 1 assignment needs have been purchased and will be operational by close of 1981.

ALMRS PROCUREMENT TOTALS BY PRIORITY

PRIORITY 2

FY 86-FY 87

<u>Office</u>	<u>CRTs</u>	<u>Printers</u>
California State Office		
Division of Operations		
Accounts & Visitor Services	3	1
Title & Records	1	0
Mining Claims & Dockets	2	1
Lands & Locatable Minerals	2	2
Leasable Minerals	2	2
Cadastral Survey	0	0
Waterpower, ATROW, Appraisers, DSD	0	0
Division of Lands & Renewable Resources	1	1
Division of Mineral Resources	1	1
Bakersfield District Office		
District Office	2	1
Resource Areas (Detached: Caliente, Folsom, Bishop, Hollister)	2	2
Susanville District Office		
District Office	0	0
Resource Areas (Detached: Eagle Lake, Alturas, Surprise)	3	3
Ukiah District Office		
District Office	1	1
Resource Areas (Detached: Arcata, Redding)	1	1
Resource Area (Annexed: Clearlake)	1	0
California Desert District Office		
District Office	0	0
Resource Areas (Detached: Barstow, El Centro, Needles, Ridgecrest)	0	0
Resource Area (Annexed: Indio)	1	1
	TOTAL	
	23	17

The purchase of high speed line printers is planned for each District and a replacement is planned for the State Office for high speed line printer.

ARMY PROGRAMS BY PRIORITY

PRIORITY 2
 FY 86-FY 87

Priority	QTY	Office
1	1	California State Office
0	1	Division of Operations
1	1	Records & Vision Services
1	1	Title & Records
1	1	Human Capital & Support
1	1	Land & Facilities Division
0	0	Land & Facilities Division
0	0	General Survey
0	0	Management, AT&T, Personnel, O&M
1	1	Division of Land & Facilities Resources
1	1	Division of Human Resources
1	1	San Joaquin District Office
1	1	District Office
1	1	Resource Area (Detached: Colusa, Folsom, Glenn, Hillbuck)
0	0	Stockton District Office
0	0	District Office
1	1	Resource Area (Detached: Eagle Lake, River, Sutter)
1	1	Yuba District Office
1	1	District Office
1	1	Resource Area (Detached: Arden, Redding)
0	1	Resource Area (Detached: Clearlake)
0	0	California State District Office
0	0	District Office
0	0	Resource Area (Detached: Marysville, El Centro, Redding, Yuba)
1	1	Resource Area (Detached: Indio)
17	23	TOTAL

ALMRS PROCUREMENT TOTALS BY PRIORITY

PRIORITY 3

FY 88-FY 90

<u>Office</u>	<u>CRTs</u>	<u>Printers*</u>
California State Office		
Division of Operations		
Accounts & Visitor Services	2	1
Title & Records	1	0
Mining Claims & Dockets	1	0
Lands & Locatable Minerals	0	0
Leasable Minerals	2	0
Cadastral Survey	0	1
Waterpower, ATROW, Appraisers, DSD	0	3
Division of Lands & Renewable Resources	0	0
Division of Mineral Resources	0	0
Bakersfield District Office		
District Office	1	1
Resource Areas (Detached: Caliente, Folsom, Bishop, Hollister)	0	0
Susanville District Office		
District Office	1	2
Resource Areas (Detached: Eagle Lake, Alturas, Surprise)	0	0
Ukiah District Office		
District Office	1	1
Resource Areas (Detached: Arcata, Redding)	1	1
Resource Area (Annexed: Clearlake)	0	0
California Desert District Office		
District Office	1	2
Resource Areas (Detached: Barstow, El Centro, Needles, Ridgecrest)	0	0
Resource Area (Annexed: Indio)	0	0
	TOTAL	
	11	12

* The purchase of high speed line printers is planned for each District and a replacement is planned for the State Office ADP high speed line printer.

ALLEGED PROPOSED ITEMS BY PRIORITY

PRIORITY 1
 FY 88-FY 90

<u>Priority</u>	<u>CRTs</u>	<u>Office</u>
1	1	California State Office
0	1	Division of Operations
0	1	Accounts & Visitor Services
0	1	Title & Records
0	1	Printing, Signs & Banners
0	0	Land & Resource Minerals
0	1	Resource Minerals
1	0	Landmark Survey
1	0	Waterways, WTRM, Reclamation, GDD
0	0	Division of Land & Resource Resources
0	0	Division of Mineral Resources
1	1	Hobartville District Office
0	0	District Office
		Resource Area (Detached: Colton, Folsom, Bishop, Collier)
1	1	San Luis District Office
0	0	District Office
		Resource Area (Detached: Eagle Lake, Aurora, Surprise)
1	1	Delta District Office
1	1	District Office
1	1	Resource Area (Detached: Arcata, Redding)
0	0	Resource Area (Detached: Clearlake)
1	1	California Desert District Office
0	0	District Office
0	0	Resource Area (Detached: Benton, El Centro, Mendocino, Richards)
0	0	Resource Area (Detached: Indio)
11	11	TOTAL

* The purchase of high speed line printers is planned for each District and a replacement is planned for the State Office RDP high speed line printer.

SUMMARY OF TOTAL ALMRS EQUIPMENT NEEDS

<u>Office</u>	<u>CRTs</u>	<u>Printers</u>
California State Office		
Division of Operations		
Accounts & Visitor Services	7	4
Title & Records	3	1
Mining Claims & Dockets	4	1
Lands & Locatable Minerals	2	2
Leasable Minerals	4	2
Cadastral Survey	0	1
Waterpower, ATROW, Appraisers, DSD	0	3
Division of Lands & Renewable Resources	1	1
Division of Mineral Resources	1	1
Bakersfield District Office		
District Office	4	3
Resource Areas (Detached: Caliente, Folsom, Bishop, Hollister)	4	4
Susanville District Office		
District Office	2	3
Resource Areas (Detached: Eagle Lake, Alturas, Surprise)	3	3
Ukiah District Office		
District Office	3	3
Resource Areas (Detached: Arcata, Redding)	3	3
Resource Area (Annexed: Clearlake)	1	0
California Desert District Office		
District Office	3	4
Resource Areas (Detached: Barstow, El Centro, Needles, Ridgecrest)	4	4
Resource Area (Annexed: Indio)	1	1
TOTAL	50	44

STATEMENT OF TOTAL ASSET EQUIPMENT NEEDS

<u>Office</u>	<u>CRS</u>	<u>FT/years</u>
California State Office		
Division of Operations		
Accounts & Visitor Services	7	4
Title & Records	3	1
Mining Class & Books	4	1
Lands & Locatable Minerals	2	2
Locatable Minerals	4	2
Geological Survey	0	1
Waterpower, RRM, Reclamation, DSD	0	3
Division of Lands & Geological Resources	1	1
Division of Mineral Resources	1	1
Sacramento District Office		
District Office	4	3
Resource Area (Detached): Colusa, Yuba, Sutter, Colusa	4	4
Sacramento District Office		
District Office	2	3
Resource Area (Detached): Eagle Lake, Colusa, Sutter	3	3
Yuba District Office		
District Office	3	3
Resource Area (Detached): Nevada, Redding	2	3
Resource Area (Annexed): Clearlake	1	0
California State District Office		
District Office	3	4
Resource Area (Detached): Butte, El Centro, Redding, Yuba	4	4
Resource Area (Annexed): Inyo	1	1
TOTAL	50	44

ADP AND TELECOMMUNICATIONS EQUIPMENT ANALYSIS

ADP and telecommunications procurement is prioritized in the same order as the terminal equipment needs to support ALMRS in California. They support ALMRS objectives in each priority.

The FY 84, California accepted bids for the installation of a statewide telecommunication network. The contract that was awarded calls for the installation of California in 2 phases, Southern California and then Northern California. Southern California is considered our Priority 1 need and Northern California is the Priority 2 need. The maintenance costs of the communication network are covered by the vendor for a five-year period. This maintenance cost does not cover the cost of service calls found not to be the fault of the vendor's (CODEX) equipment, e.g., bad phone lines, etc. Priority 1 equipment was purchased with diagnostic capabilities in the modem, but the control console to be able to run diagnostically, must still be purchased at a cost of \$10,000.

Figures 1 through 4 on the following pages present the types of changes anticipated by priority. Figure 4, the telecommunications diagram for Priority 3, indicates the final optimum configuration required to support ALMRS. All four figures display the number of data lines available, CRT and printer availability based on the cumulative need by office location, multiplexer-modem (mux-modem) upgrades, and new configurations within the State Office. Refer to all four diagrams when reading the narrative analysis below.

Three summary tables in the same format as those in the equipment need analysis (CRTs and Printers) section describe total needs. These tables may be used to see total and component costs of each priority.

Priority 1 FY 85

The Priority 1 telecommunication upgrades include the installation of a communication network serving our Southern California offices: California Desert District, Ridgecrest Resource Area, Barstow Resource Area, Indio Resource Area, El Centro Resource Area, Needles Resource Area, and Bakersfield District Office. Each of these same areas will receive a multiplexer-modem. The ALMRS project has shared in the cost of equipping the Southern California offices. The Priority 1 cost to ALMRS was \$60,000. The needs of Priority 1 have been funded and will be in-place by the close of FY85. Maintenance contracts, for ALMRS equipment only, will run \$5,000 for the remainder of this FY.

Priority 2 FY 86-FY 87

Priority 2 would call for the upgrade of ADP equipment and telecommunication lines. The main objective of Priority 2 would be the upgrade of the State Office Honeywell Level 6 (Mod 47 to Mod 57), the purchase of one disc drive and controller, a multiple line communication processor

ADP AND TELECOMMUNICATIONS EQUIPMENT ANALYSIS

ADP and telecommunication procurement is prioritized in the same order as the terminal equipment needs to support ALES in California. They support ALES objectives in each priority.

The FY 84 California accepted bid for the installation of a statewide telecommunication network. The contract that was awarded calls for the installation of California in 2 phases, Southern California and then Northern California. Southern California is considered our Priority 1 need and Northern California is the Priority 2 need. The maintenance costs of the communication network are covered by the vendor for a five-year period. This maintenance cost does not cover the cost of service calls found not to be the fault of the vendor's (COCOK) equipment, e.g., bad phone lines, etc. Priority 1 equipment was purchased with diagnostic capabilities in the modem, but the control console to be able to run diagnostically, must still be purchased at a cost of \$10,000.

Figure 1 through 4 on the following pages present the types of changes anticipated by priority. Figure 4, the telecommunication diagram for Priority 2, indicates the final system configuration required to support ALES. All four figures display the number of data lines available, CPU and printer availability based on the cumulative need by office location, multiplexer-modem (mux-modem) upgrades, and new configurations within the State Office. Refer to all four diagrams when reading the narrative analysis below.

Three summary tables in the same format as those in the equipment need analysis (LEIS and Printer) section describe total needs. These tables may be used to see total and component costs of each priority.

Priority 1 FY 85

The Priority 1 telecommunication upgrades include the installation of a communication network serving our Southern California offices: California Desert District, Riverside Resource Area, Bakers Resource Area, and Bakers-Field District Office. Each of these areas will receive a multi-plant-modem. The ALES project has started in the cost of equipping the Southern California offices. The Priority 1 cost to ALES was \$20,000. The needs of Priority 1 have been funded and will be in-place by the close of FY85. Maintenance contract, for ALES equipment only, will run \$2,000 for the remainder of this FY.

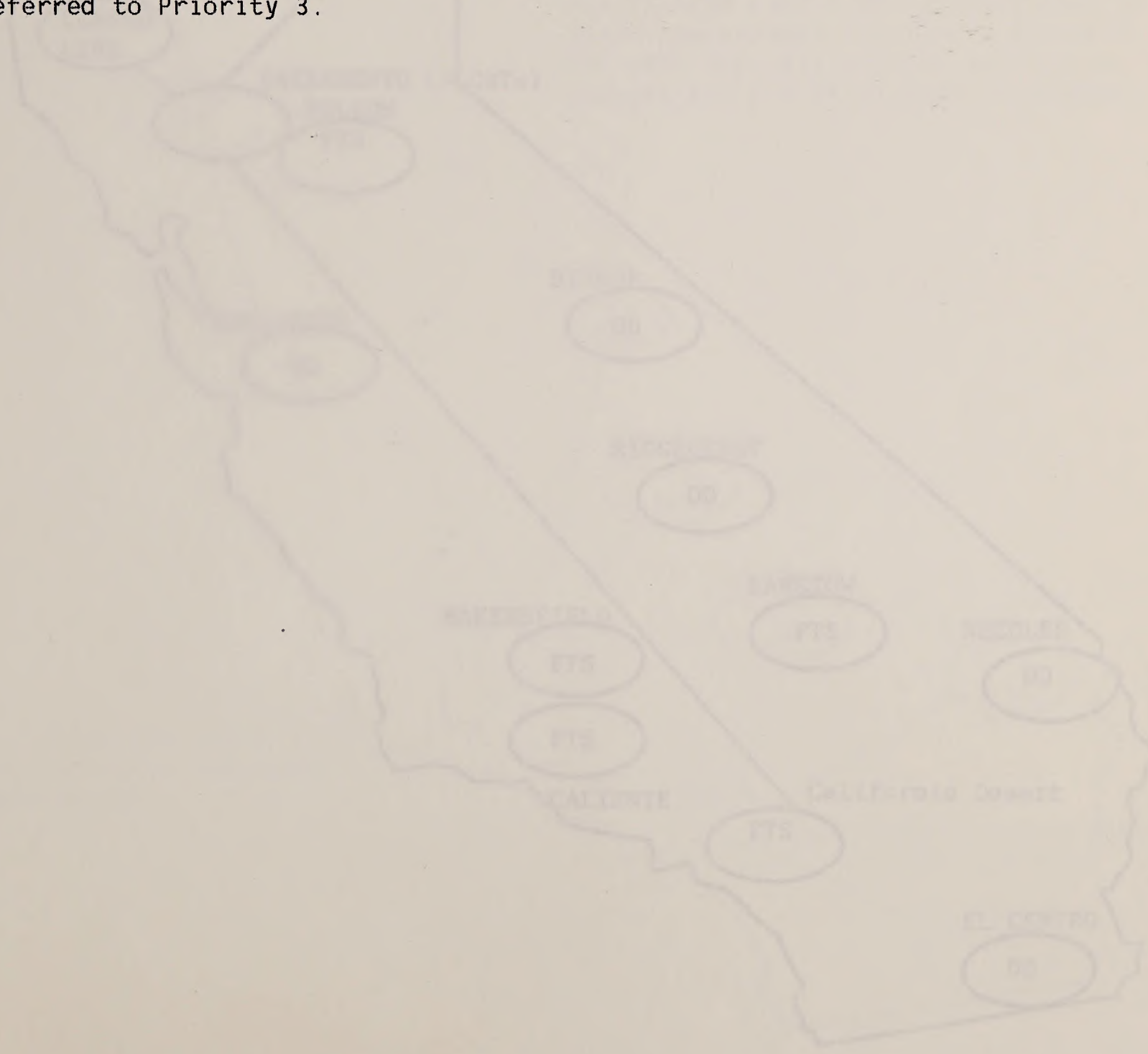
Priority 2 FY 84-85

Priority 2 would call for the upgrade of ADP equipment and telecommunication lines. The main objective of Priority 2 would be the upgrade of the State Office Honeywell Level 6 (Mod 47 to Mod 55); the purchase of one disc drive and controller, a multiple line communication processor

(MLCP-16) and additional boards and racks for the port selector (MICOM). This objective would total \$137,000. Priority 2 would see the need for multiplexer-modem and communication line upgrades in the Bakersfield District Office and the installation of a communication network for the Northern California offices. The cost of equipment and installation for Eagle Lake, Alturas, Surprise, Arcata, Redding and Hollister Resource Areas, and the Susanville District Ukiah and upgrading the California Desert District Offices and the Indio Resource Area Office will total \$64,000. Totals for Priority 2 would be \$125,000 in ADP needs and \$76,500 in telecommunications needs. Maintenance contracts would be another \$21,600.

Priority 3 FY 88-FY 90

Priority 3 would not bring a substantial increase in ADP and telecommunication needs, if both Priority 1 and Priority 2 needs are met full. Priority 3 would include maintenance contracts (\$12,420) and unforeseen upgrades. If Priority 2 cannot be completely met these costs would be deferred to Priority 3.



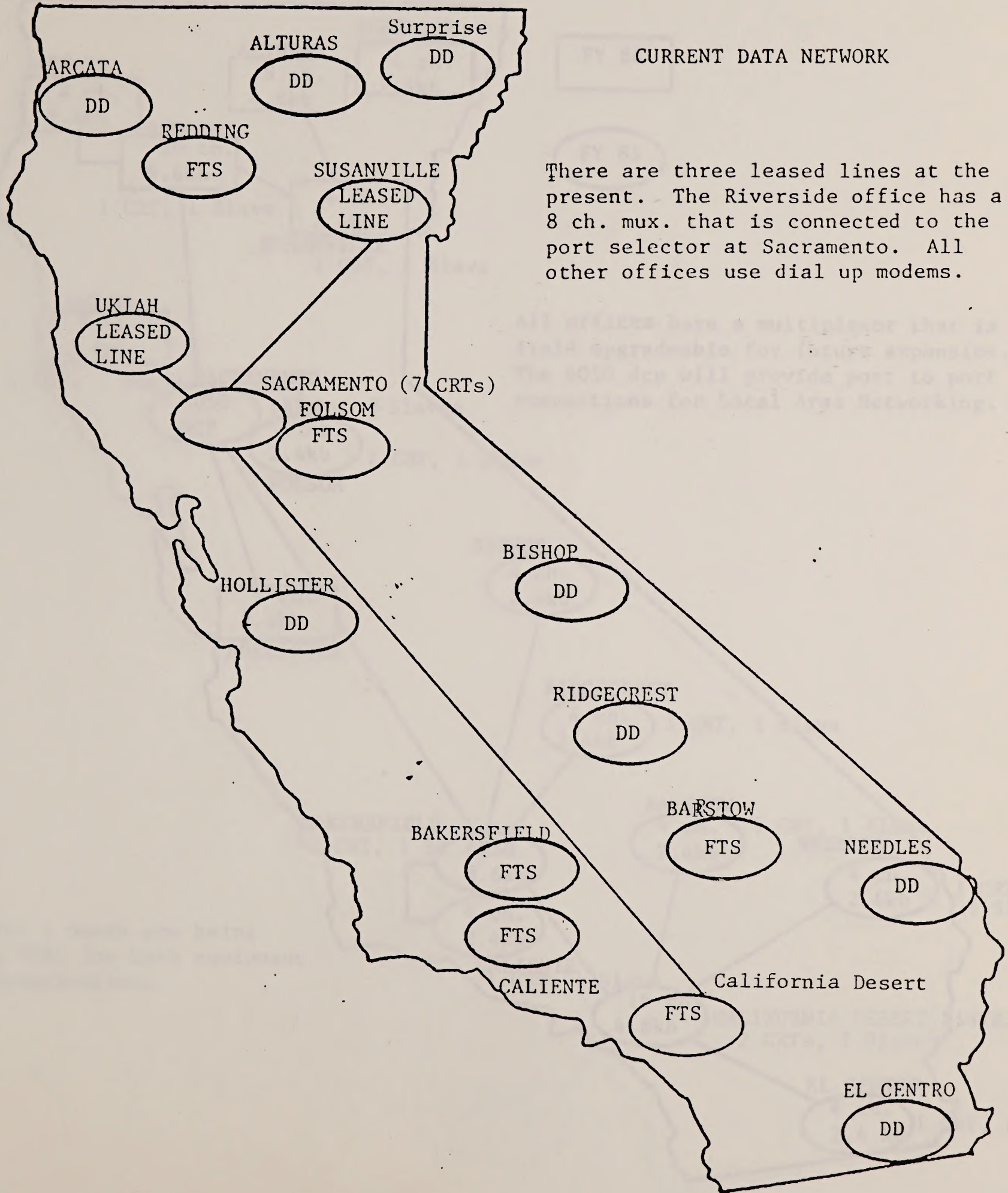
(RCP-10) and additional boards and racks for the port selector (RCP-10). This objective would total \$115,000. Priority 1 would see the need for multiplexers and communication line upgrades in the Bakerfield District Office and the installation of a communication network for the Western California offices. The cost of equipment and installation for Eagle Lake, Risner, Surprise, Arcata, Redding and Hollister Resource Areas, and the Humboldt District Office and upgrading the California District Office and the India Resource Area Office will total \$64,000. Total for Priority 1 would be \$115,000 in RCP needs and \$26,500 in telecommunications needs. Maintenance contracts would be another \$11,600.

Priority 2 FY 84-85

Priority 2 would not bring a substantial increase in RCP and telecommunications needs. It will bring Priority 1 and Priority 2 needs are met full. Priority 2 would include maintenance contracts (\$11,450) and enforcement. If Priority 2 cannot be completely met these costs would be deferred to Priority 3.

FIGURE 1 - PRESENT CONFIGURATION

TELECOMMUNICATIONS



TELECOMMUNICATIONS

CURRENT DATA NETWORK

There are three leased lines at the present. The Riverside office has a 5 ch. line that is connected to the port selector at Sacramento. All other offices use dial up modems.

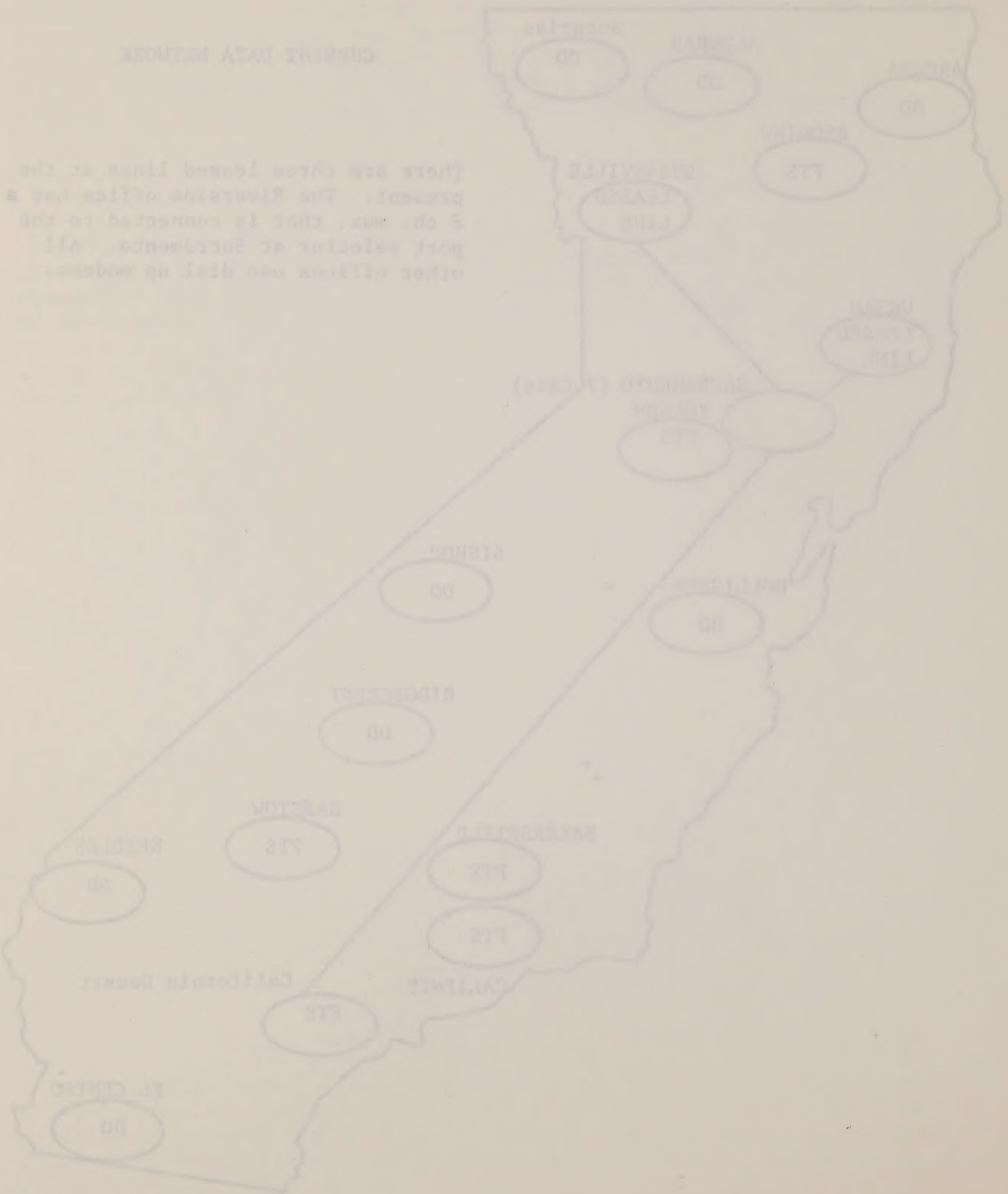


FIGURE 2 - PRIORITY 1

TELECOMMUNICATIONS

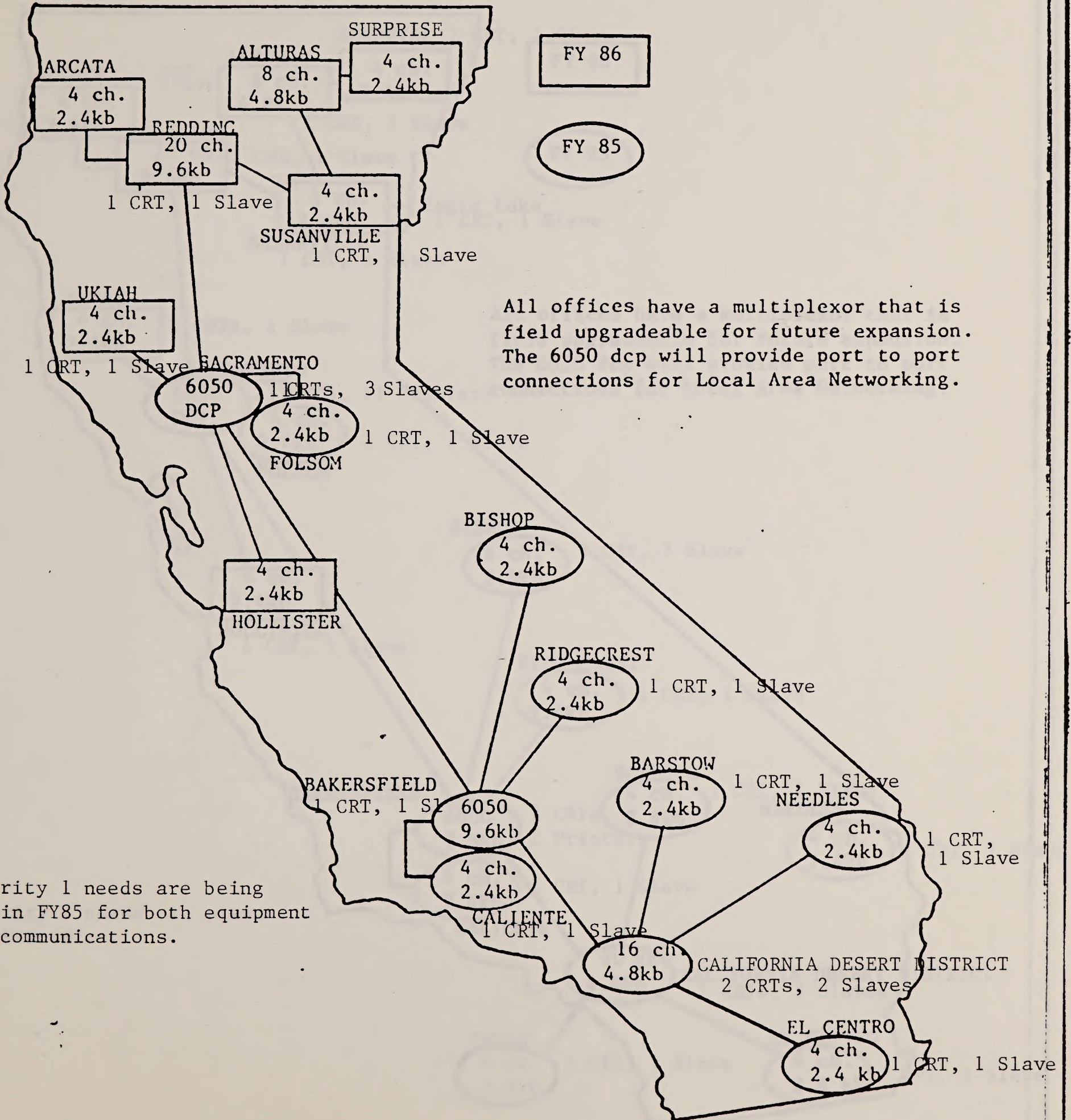
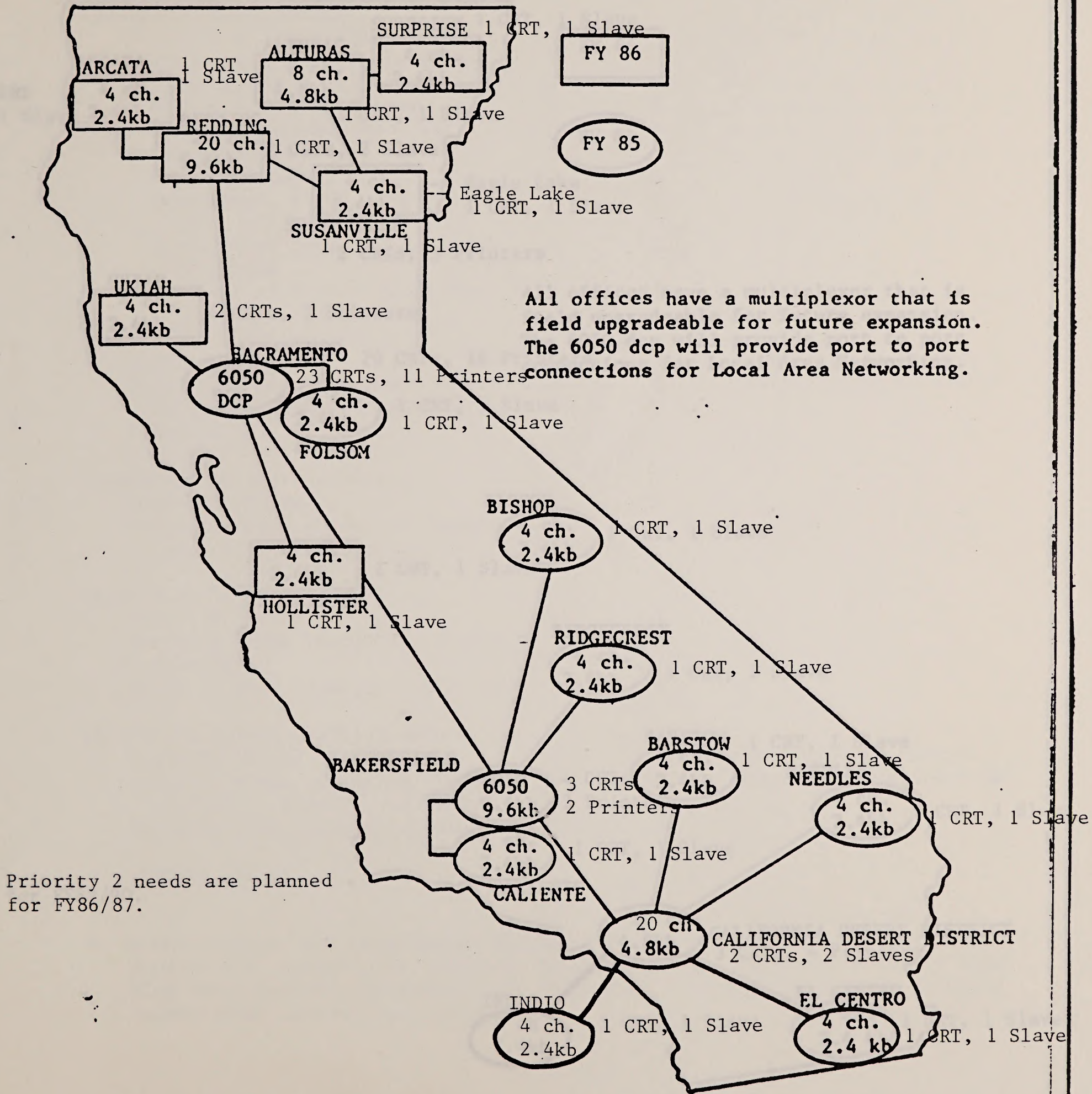


FIGURE 3 - PRIORITY 2

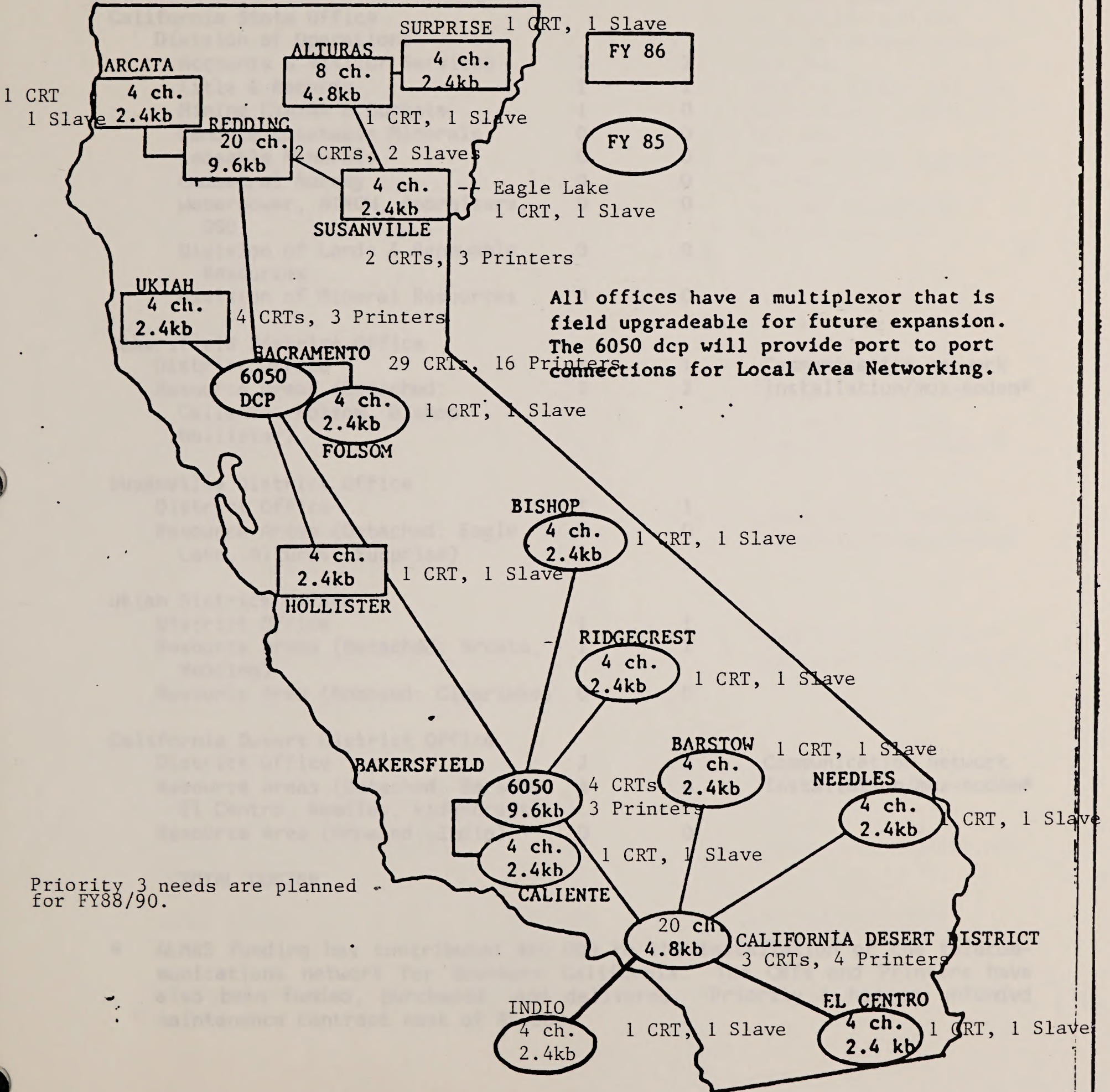
TELECOMMUNICATIONS



Priority 2 needs are planned for FY86/87.

FIGURE 4 - PRIORITY 3

TELECOMMUNICATIONS

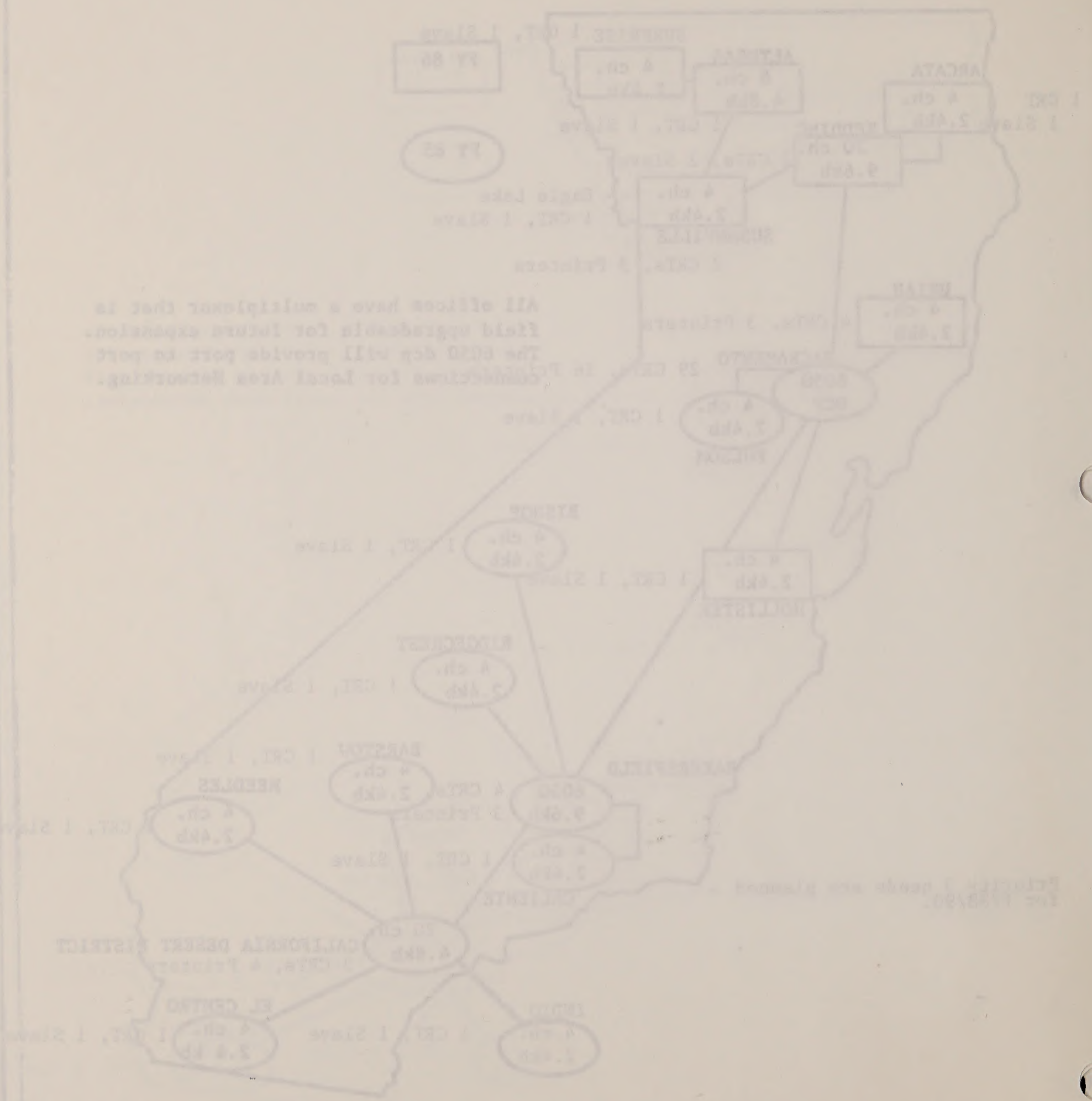


Priority 3 needs are planned for FY88/90.

FIGURE 4 - PRIORITY 3

TELECOMMUNICATIONS

All offices have a mission that is
 fluid regarding for future expansion.
 The ESDS doc will provide part in part
 connections for local Area Network.



ALMRS/ADP/TELECOMMUNICATIONS PROCUREMENT TOTALS BY PRIORITY

PRIORITY 1 FY 85

<u>Office</u>	<u>CRTs</u>	<u>Printers</u>	<u>Tele/ADP*</u>
California State Office			
Division of Operations			
Accounts & Visitor Services	2	2	
Title & Records	1	1	
Mining Claims & Dockets	1	0	
Lands & Locatable Minerals	0	0	
Leasable Minerals	0	0	
Cadastral Survey	0	0	
Waterpower, ATROW, Appraisers, DSD	0	0	
Division of Lands & Renewable Resources	0	0	
Division of Mineral Resources	0	0	
Bakersfield District Office			
District Office	1	1	Communication network installation/mux-modem*
Resource Areas (Detached: Caliente, Folsom, Bishop, Hollister)	2	2	
Susanville District Office			
District Office	1	1	Communication network installation/mux-modem*
Resource Areas (Detached: Eagle Lake, Alturas, Surprise)	0	0	
Ukiah District Office			
District Office	1	1	Communication network installation/mux-modem*
Resource Areas (Detached: Arcata, Redding)	1	1	
Resource Area (Annexed: Clearlake)	0	0	
California Desert District Office			
District Office	2	2	Communication network installation/mux-modem*
Resource Areas (Detached: Barstow, El Centro, Needles, Ridgecrest)	4	4	
Resource Area (Annexed: Indio)	0	0	
 TOTAL COSTS*			

* ALMRS funding has contributed \$60,000 to the installation of the telecommunications network for Southern California. The CRTs and Printers have also been funded, purchased, and delivered. Priority 1 has an unfunded maintenance contract cost of \$5,000.

ALTERNATIVE COMMUNICATIONS PROCUREMENT TOTALS BY PRIORITY

PRIORITY 1 FY 95

Office	Units	Printers	Installation
California State Office			
Division of Operations			
Accounts & Visitor Services	2	2	
Title & Records	1	1	
Printing Office & Bookery	1	0	
Legal & Legislative Services	0	0	
Legislative Services	0	0	
Contract Survey	0	0	
Information, RIMS, Computers	0	0	
DDO			
Division of Land & Resources	0	0	
Resources			
Division of Natural Resources	0	0	
Sacramento District Office			
District Office	1	1	1
Resource Area (Detached: California, Police, Bishop, Hollister)	1	1	1
San Jose District Office			
District Office	1	1	1
Resource Area (Detached: Eagle Lake, Alameda, Sutter)	0	0	
Utah District Office			
District Office	1	1	1
Resource Area (Detached: Nevada, Redding)	1	1	1
Resource Area (Assigned: Clearlake)	0	0	
California Desert District Office			
District Office	2	2	2
Resource Area (Detached: Barstow, El Centro, Needles, Ridgecrest)	4	4	4
Resource Area (Assigned: Indio)	0	0	
TOTAL COSTS			

* 1992 funding has contributed \$50,000 to the installation of the facsimile communications network for Southern California. The CTS and Printers have also been funded, purchased, and delivered. Priority 1 has an unfunded maintenance contract cost of \$5,000.

ALMRS/ADP/TELECOMMUNICATIONS PROCUREMENT TOTALS BY PRIORITY

PRIORITY 2 FY 86-FY 87

<u>Office</u>	<u>CRTs</u>	<u>Printers</u>	<u>Tele/ADP</u>
California State Office			Upgrade Level 6 Mod 47 to Mod 57- \$50,000
Division of Operations			
Accounts & Visitor Services	3	1	Disc Drive/Controller- \$30,000
Title & Records	1	0	
Mining Claims & Dockets	2	1	MLCP-16 Ports- \$45,000
Lands & Locatable Minerals	2	2	Maintenance contracts- \$21,600
Leasable Minerals	2	2	
Cadastral Survey	0	0	Port selector upgrade- \$12,000
Waterpower, ATROW, Appraisers, DSD	0	0	\$10,000 Diagnostic control console
Division of Lands & Renewable Resources	1	1	
Division of Mineral Resources	1	1	
Bakersfield District Office			
District Office	2	1	Upgrade mux-\$500
Resource Areas (Detached: Caliente, Folsom, Bishop, Hollister)	2	2	Upgrade comm/mux at Folsom RA- \$5,000 Communication network*
Susanville District Office			
District Office	0	0	Communication network installation/mux-modem*
Resource Areas (Detached: Eagle Lake, Alturas, Surprise)	3	3	
Ukiah District Office			
District Office	1	1	Communication network installation/mux-modem*
Resource Areas (Detached: Arcata, Redding)	1	1	
Resource Area (Annexed: Clearlake)	1	0	
California Desert District Office			
District Office	0	0	Upgrade comm/mux-\$4,000
Resource Areas (Detached: Barstow, El Centro, Needles, Ridgecrest)	0	0	
Resource Area Indio (Planned Detachment)	1	1	Upgrade comm/mux-\$5,000
TOTAL COSTS	\$46,000	\$17,000	\$76,500/\$125,000* \$21,600 (Maintenance)

* The second phase of the communication network (Northern California) totals \$40,000.

BUREAU TELECOMMUNICATIONS PROCUREMENT TOTALS BY PRIORITY

PRIORITY 2 BY RF-FY 87

Office	Qty	Printers	Tele/ADP
California State Office Division of Operations	1	1	0
Accounts & Visitor Services	1	1	0
Title & Records	1	1	0
Mining Claims & Documents	1	1	0
Lands & Locatable Minerals	1	1	0
Lassalle Minerals	1	1	0
Cadastral Survey	0	0	0
Harbors, AT&M, Reservoirs	0	0	0
Division of Lands & Resources	1	1	1
Resources	1	1	1
Division of Mineral Resources	1	1	1
Bakersfield District Office			
District Office	1	1	0
Resource Area (Detached: California, Fresno, Kings, Madera)	1	1	0
Upgrade aux-\$500	1	1	0
Upgrade com/aux at Fresno RA-\$2,000	1	1	0
Communication network	1	1	0
Susanville District Office			
District Office	0	0	0
Resource Area (Detached: El Dorado, Plumas, Siskiyou)	1	1	0
Communication network	0	0	0
Installation/aux-network	1	1	0
Utah District Office			
District Office	1	1	0
Resource Area (Detached: Archuleta, Hinsdale)	1	1	0
Resource Area (Assigned: Clearlake)	0	0	0
Communication network	1	1	0
Installation/aux-network	1	1	0
California Desert District Office			
District Office	0	0	0
Resource Area (Detached: Butte, El Dorado, Inyo, Mono, Nevada)	0	0	0
Resource Area (Assigned: Plumas)	1	1	0
Upgrade com/aux-\$2,000	1	1	0
Upgrade com/aux-\$4,000	0	0	0
Communication network	0	0	0
Installation/aux-network	0	0	0
TOTAL QUANTITY	17	17	0
TOTAL COSTS	\$17,000	\$17,000	\$21,600 (Maintenance)

* The second phase of the communication network (Northern California) totals \$40,000.

ALMRS/ADP/TELECOMMUNICATIONS PROCUREMENT TOTALS BY PRIORITY

PRIORITY 3 FY 88-FY 90

<u>Office</u>	<u>CRTs</u>	<u>Printers</u>	<u>Tele/ADP</u>
California State Office			State Office upgrades
Division of Operations			that are not met under
Accounts & Visitor Services	2	1	Priority 2
Title & Records	1	0	
Mining Claims & Dockets	1	0	Maintenance contracts-
Lands & Locatable Minerals	0	0	\$12,420
Leasable Minerals	2	0	
Cadastral Survey	0	1	
Waterpower, ATROW, Appraisers, DSD	0	3	
Division of Lands & Renewable Resources	0	0	
Division of Mineral Resources	0	0	
Bakersfield District Office			
District Office	1	1	All Districts and
Resource Areas (Detached: Caliente, Folsom, Bishop, Hollister)	0	0	Resource Areas complete
Susanville District Office			
District Office	1	2	
Resource Areas (Detached: Eagle Lake, Alturas, Surprise)	0	0	
Ukiah District Office			
District Office	1	1	
Resource Areas (Detached: Arcata, Redding)	1	1	
Resource Area (Annexed: Clearlake)	0	0	
California Desert District Office			
District Office	1	2	
Resource Areas (Detached: Barstow, El Centro, Needles, Ridgecrest, Indio)	0	0	
TOTAL COSTS	\$22,000	\$52,000	\$12,420 (Maintenance)

PRIORITY 3 FY 88 FY 89

Office	CY88	Pri Inters	Yelo/ADP
California State Office			
Division of Operations			
Accounts & Visitor Services	2	1	1
Title & Records	1	0	0
Printing Office & Books	1	0	0
Land & Localities Division	0	0	0
Leads & Records	2	0	0
Central Survey	0	1	1
Inventory, Arch, Records	0	2	2
GIS			
Division of Land & Forestry	0	0	0
Forestry			
Division of Mineral Resources	0	0	0
San Bernardino District Office			
District Office	1	1	1
Resource Area (Detached)	0	0	0
California, Folsom, Bishop, Hollister			
Sun Valley District Office			
District Office	1	2	2
Resource Area (Detached; Logis)	0	0	0
Law, Record, Surveys			
Utah District Office			
District Office	1	1	1
Resource Area (Detached; Arch)	1	1	1
Fooding			
Resource Area (Detached; Charities)	0	0	0
California Desert District Office			
District Office	1	2	2
Resource Area (Detached; Barrow)	0	0	0
El Centro, Mendocino, Escondido, Indio			

TOTAL COSTS \$23,000 \$21,000
 \$12,430 (Maintenance)

State Office upgrades that are not under Priority 2

Maintenance contracts - \$12,430

All Districts and Resource Areas complete

RECAP SUMMARY OF TOTAL ALMRS, ADP, AND TELECOMMUNICATION EQUIPMENT COSTS

	<u>CRTs</u>	<u>Printer</u>	<u>Maint</u>	<u>ADP</u>	<u>Telecomm</u>
PRIORITY 1* FY 85	(\$24,000)	(\$15,000)	\$5,000	-	(\$60,000)
PRIORITY 2 FY 86-FY 87	\$46,000	\$17,000	\$21,600	\$125,000	\$76,500
PRIORITY 3 FY 88-FY 90	\$22,000	\$52,000	\$12,420	-	-
TOTAL	\$68,000	\$69,000	\$39,020	\$125,000	\$66,500

"\$377,520"

* Priority 1 costs have been funded, except for maintenance.

Estimated costs used:

CRTS - \$2,000 ea.

Slave Printers - \$1,000 ea.

Decwriters - \$2,500 ea.

High Speed Line Printers - \$25,000 (State Office), \$5,000 ea. (District Office)

Maintenance Contracts - \$32 to \$45 for CRT and Slave Printer combination

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REGAR SUMMARY OF TOTAL RATES, ROP, AND TELECOMMUNICATION EQUIPMENT COSTS

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	Printer	CRTs	
PRIORITY 1* FT 82	(212,000)	(228,000)	440,000
PRIORITY 2 FT 88-FT 83	817,000	848,000	1,665,000
PRIORITY 3 FT 88-FT 90	821,000	833,000	1,654,000
TOTAL	1,850,000	1,909,000	3,759,000

* Priority 1 costs have been printed, estimated costs used.
 CRTs - \$2,000 ea.
 Slave Printers - \$1,000 ea.
 Decoders - \$2,500 ea.
 High Speed Line Printers - \$12,000 (State of Office)
 Maintenance Contracts - \$12 to \$45 for CRT's



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