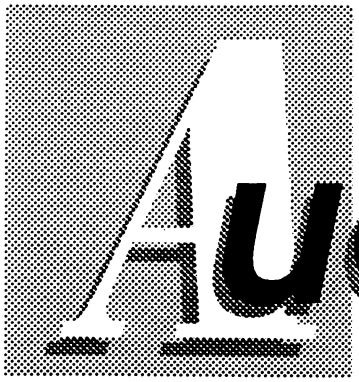

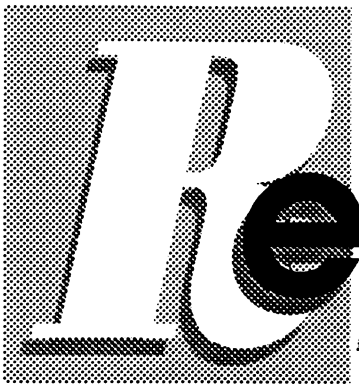

OFFICE OF THE INSPECTOR GENERAL

COMMUNICATIONS MANAGEMENT AT THE PARKS RESERVE FORCES TRAINING AREA, CAMP PARKS, CALIFORNIA

Report No. 95-017

October 31, 1994

Department of Defense

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Acronyms

CCSD	Command Communications Service Designator
DECCO	Defense Commercial Communications Office
DISA	Defense Information Systems Agency
DOIM	Directorate of Information Management
FORSCOM	U.S. Army Forces Command

INSPECTOR GENERAL
DEPARTMENT OF DEFENSE
400 ARMY NAVY DRIVE
ARLINGTON, VIRGINIA 22202-2884

October 31, 1994

MEMORANDUM FOR DIRECTOR, DEFENSE INFORMATION SYSTEMS AGENCY
AUDITOR GENERAL, DEPARTMENT OF THE ARMY

SUBJECT: Audit Report on Communications Management at the Parks Reserve Forces Training Area, Camp Parks, California (Report No. 95-017)

We are providing this report for your review and comments. The report discusses the Army's plans to relocate a remote switching unit to the Parks Reserve Forces Training Area, Camp Parks, California. The report also identifies a reconfiguration opportunity for leased long-haul telecommunication circuits. Management comments on a draft of this report were considered in preparing the final report.

DoD Directive 7650.3 requires that all audit recommendations be resolved promptly. Accordingly, we request that, by January 6, 1995, the Army provide an implementation date for Recommendation A.1. and recalculations of the potential monetary benefits based on the results of the economic analysis.

The courtesies extended to the audit staff are appreciated. If you have questions on this audit, please contact Mr. Robert M. Murrell, Audit Program Director, at (703) 604-9507 (DSN 664-9507) or Ms. Catherine M. Schneiter, Senior Auditor, at (703) 604-9521 (DSN 664-9521). The distribution for this report is listed in Appendix F. The audit team members are listed inside the back cover.

David K. Steensma

David K. Steensma
Deputy Assistant Inspector General
for Auditing

Office of the Inspector General, DoD

Report No. 95-017 **October 31, 1994**
(Project No. 3RD-0008.02)

COMMUNICATIONS MANAGEMENT AT THE PARKS RESERVE FORCES TRAINING AREA, CAMP PARKS, CALIFORNIA

EXECUTIVE SUMMARY

Introduction. This report is the second of three reports resulting from our Audit of the DoD Management of Circuit Configurations for Defense Switched Network Access Requirements. The Defense Switched Network is the principal long-haul, general-purpose telecommunications network designed to provide switched[1] voice, digital data, and video teleconferencing services to DoD customers. This report discusses the relocation of a remote switching unit[2] from the Presidio of San Francisco to the Parks Reserve Forces Training Area, Camp Parks, California, and the management of leased long-haul, special-purpose voice circuits at the Parks Reserve Forces Training Area (Camp Parks).

Objectives. The overall objective of the audit was to evaluate DoD management of circuit configurations for Defense Switched Network access requirements. The specific objective for this segment of the audit was to determine whether the Army used the most cost-effective configuration of base and long-haul telecommunications equipment and services at Camp Parks to access the Defense Switched Network.

Audit Results. The Army did not use the most cost-effective configuration of base and long-haul telecommunications equipment and services at Camp Parks to access the Defense Switched Network.

o The U.S. Army Forces Command has proposed to move a remote switching unit from the Presidio of San Francisco to Camp Parks without adequate justification. As a result, the U.S. Army Forces Command could spend about $2.4 million without realizing any cost benefits (Finding A).

o The Army did not effectively manage telecommunications services costing $83,424 annually at Camp Parks. As a result, the Defense Information Systems Agency was unable to maintain oversight of long-haul leased circuits at Camp Parks, and the Army did not implement a reconfiguration opportunity for 32 voice circuits that could have reduced communications costs by about $353,000 for a 72-month period ending in FY 2000 (Finding B).

Internal Controls. Due to the limited scope of this segment of the audit, we did not assess internal controls.

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[1]Switched or switching is the process of connecting the calling party to the called party. This process may involve one or many switches.

[2]A remote switching unit accommodates the switching functions of a remote location by relaying the calls through a more sophisticated switch or series of switches in a central location.

Potential Benefits of Audit. About $2.4 million could be put to better use if the remote switching unit is not relocated to Camp Parks. In addition, $352,640 could be put to better use during a 72-month period, starting in FY 1994 and ending in FY 2000, by reconfiguring 32 voice circuits. Appendix D summarizes the potential benefits resulting from the audit.

Summary of Recommendations. We recommend that the U.S. Army Forces Command immediately suspend plans to relocate the remote switching unit; assess the need for switched telecommunications services at Camp Parks; cancel plans to relocate the remote switching unit if a requirement for switched telecommunications services is not established; prepare a cost-benefit analysis to select the most economically and technically feasible solution that meets technical specifications for equipment and services at Camp Parks, if a requirement for switched telecommunications services is established; lease long-haul, special-purpose circuits at Camp Parks as required by DoD guidance; prepare and maintain records as required by Army guidance; and establish a centralized telecommunications management function at Camp Parks. We also recommend that the Defense Information Systems Agency take appropriate action to reconfigure circuits at Camp Parks.

Management Comments. The Army stated that the requirement for switched telecommunications services at Camp Parks had already been established and agreed to conduct an economic analysis of the options that could meet that requirement. The Army emphasized that actions taken on the remote switching unit are dependent on the results of that analysis. Further, the economic analysis would consider selections of the most economical equipment and services. The Army stated that Forces Command established central telecommunications management for Camp Parks through Fort Lewis and that Fort Lewis would properly prepare and maintain telecommunications records for Camp Parks. The Defense Information Systems Agency stated that it will work with the Army to validate requirements and take corrective action. A complete discussion of management comments and audit responses is in Part II, and the complete texts of the managements' comments are in Part IV.

Audit Response. We request that the Army provide completion dates for the economic analyses and recalculations of the potential monetary benefits based on the results of the economic analyses in response to the final report by January 6, 1995.

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Part I - Introduction

Background

The Defense Communications System is a worldwide composite of DoD-owned and leased telecommunications subsystems and networks composed of facilities, personnel, services, and equipment under the management and operational direction of the Defense Information Systems Agency (DISA). The Defense Communications System provides long-haul, common-user or backbone (general-purpose), and dedicated or point-to-point (special-purpose) telecommunications services for the DoD and other Government organizations. The leased services consist of general-purpose networks, such as the Defense Information Systems Network (to be initially composed of the Defense Switched Network [DSN],[1] the Defense Data Network, and Military Department subnetworks); the Federal Telephone System 2000; and special-purpose circuits, trunks,[2] and networks. The Defense Communications System does not include mobile and/or transportable communications facilities and assets organic to military forces; tactical telecommunications; base communications (communications within the confines of a post, camp, base, and station, including local interconnect trunks to the first commercial central office providing service in the local area); or on-site facilities associated with or integral to weapon systems.

Organizations such as the headquarters of the Military Departments and Defense agencies, major commands, communications management offices, and installation-level organizations determine requirements for telecommunications services. U.S. Army Forces Command (FORSCOM) determines the requirements for telecommunications equipment and services for the Parks Reserve Forces Training Area, Camp Parks, California (Camp Parks). The DISA operates the Communications Information Services Activity to procure authorized commercial communications services, facilities, and equipment for the DoD and other Government agencies. This procurement function is carried out by the Defense Commercial Communications Office (DECCO),[3] which is the operating arm of the Communications Information Services Activity and a subelement of the DISA Acquisition Management Organization.

DoD Directive 4640.13, "Management of Base and Long-Haul Telecommunications Equipment and Services," December 5, 1991, and DoD Instruction 4640.14, "Base and Long-Haul Telecommunications Equipment and Services," December 5, 1991, establish DoD policy and policy guidelines,

[1]The Defense Switched Network is the principal long-haul, general-purpose telecommunications network designed to provide switched (the process of connecting a calling party with a called party) voice, digital data, and video teleconferencing services to DoD customers.

[2]A trunk is a dedicated circuit connecting two switching centers, central offices, or data concentration devices.

[3]Now the Defense Information Technology Contracting Office

assign responsibilities, and prescribe procedures on the effective, efficient, and economical use of base and long-haul telecommunications equipment and services.

Objective

The overall objective of the audit was to evaluate DoD management of circuit configurations for DSN access requirements. The specific objective for this segment of the audit was to determine whether the Army used the most cost-effective configuration of base and long-haul telecommunications equipment and services at Camp Parks to access the DSN.

Scope and Methodology

Universe of Voice Circuits. We reviewed all 32 point-to-point voice circuits (with an annual cost of $83,424) that are routed between the Presidio of San Francisco (Presidio), San Francisco, California, and Camp Parks, California. We calculated the monetary benefits for Camp Parks without the use of statistical projection techniques.

Audit Methodology. We reviewed Telecommunication Service Requests, Telecommunications Service Orders, administrative messages, telephone bills, cost estimates, and other historical documentation, dated from September 1973 to April 1994, that described the purpose, physical location, and justification of the circuits. In addition, we interviewed telecommunications management officials at FORSCOM, Fort McPherson, Georgia, and examined internal memorandums to determine whether the economic and technical feasibility of a $2.4 million relocation of a remote switching unit from the Presidio to Camp Parks had been evaluated. To determine whether the requirements for the circuits were valid, we contacted organizations within the Army, DISA, and the private sector identified as having knowledge about the usage of or requirement for a circuit. To determine whether the requirement for a circuit was justified, a need to communicate must have existed. We did not assess the reliability of computer-processed data, provided by DECCO, that we used to perform the audit. The size and complexity of the data base precluded an assessment of data reliability. Any inaccuracies in those data will not affect the results of the audit.

Audit Period and Standards. This economy and efficiency audit was made from January through April 1994 as part of the overall audit. The audit was made in accordance with auditing standards issued by the Comptroller General of the United States as implemented by the Inspector General, DoD. A list of organizations visited or contacted is in Appendix E.

Internal Controls

Due to the limited scope of this segment of the audit, we did not assess internal controls.

Prior Audits and Other Reviews

Five prior Inspector General, DoD, audit reports discuss problems similar to those described in this report regarding uneconomical leased telecommunications services. Details on those audits are in Appendix A.

Part II - Findings and Recommendations

Finding A. Proposed Installation of Remote Switching Unit At Camp Parks

FORSCOM has proposed to move a remote switching unit[4] from the Presidio to Camp Parks without adequate justification. FORSCOM neither assessed the need for switched telecommunications services at Camp Parks nor performed a cost-benefit analysis to evaluate alternatives to satisfy a requirement for switched telecommunications services. As a result, FORSCOM could unnecessarily spend about $2.4 million to move the remote switching unit.

The Mission at Camp Parks

Camp Parks provides training facilities and support services for Army Reserve and National Guard units from the San Francisco Bay area. Units of the Active Army, and Active and Reserve units of the Air Force, Navy, and Marine Corps, and personnel from non-DoD Federal, state, and local agencies frequently train at Camp Parks. The facility is operated by the Army as a subinstallation of Fort Lewis, Washington.

Base Telecommunications Equipment and Services

DoD Instruction 4640.14 prescribes procedures and assigns responsibilities of the DoD Components for purchasing or leasing telecommunications equipment and services. Specifically, DISA and the DoD Components are required to plan for the most effective and economical base telecommunications equipment and services acquisitions and to ensure that the optimal mix of base telecommunications equipment and services is installed to support mission requirements. Instruction 4640.14 requires DoD Components to conduct periodic market surveys to verify that the most economical equipment and services are selected to satisfy base telecommunications requirements. Further, the Instruction requires the requesting Component to perform a lease versus purchase analysis to determine the most cost-effective acquisition strategy for base telecommunications equipment and services. DoD Components must ensure that Government-owned telecommunications equipment, systems, and

[4]A remote switching unit accommodates the switching function of a remote location by relaying the calls through a more sophisticated switching system in a central location.

facilities are effectively, economically, and efficiently maintained and reallocated to other uses when found to be no longer needed in their current configuration.

Remote Switching Unit

FORSCOM has not planned for the effective and economical utilization of base telecommunications equipment. FORSCOM identified a remote switching unit that was no longer required due to the pending closure of the Presidio on September 30, 1994. FORSCOM has proposed to move that remote switching unit from the Presidio to Camp Parks without assessing the need for switched telecommunications services at Camp Parks. Also, FORSCOM has not performed a cost-benefit analysis of the proposed relocation or market studies and lease versus purchase analyses of alternatives, in accordance with DoD Instruction 4640.14, to determine whether relocating the switch would satisfy the telecommunications mission and technical requirements of Camp Parks. Unofficial estimates by FORSCOM officials indicate that FORSCOM will spend about $2.4 million to relocate the remote switching unit. FORSCOM officials do not anticipate the realization of any cost benefits by relocating the switch. Relocation of the unit should be suspended until FORSCOM assesses the need for switched telecommunications services at Camp Parks and determines associated economic and technical benefits.

Recommendations, Management Comments, and Audit Responses

We recommend that the Commander, U.S. Army Forces Command:

1. Suspend plans to relocate the remote switching unit from the Presidio of San Francisco to the Parks Reserve Forces Training Area, Camp Parks, California.

Department of the Army Comments. The Army partially concurred with the recommendation, stating that the actions taken are dependent on the results of an economic analysis to be performed by FORSCOM.

Audit Response. The Army's response meets the intent of the recommendation. We request that the anticipated date for completion of the economic analysis be provided in response to this report.

2. Assess the need for switched telecommunications services at the Parks Reserve Forces Training Area and, if services are required, identify the technical specifications for telecommunications equipment and services to satisfy that requirement.

Department of the Army Comments. The Army partially nonconcurred with the recommendation, stating that FORSCOM had already determined the need for switched telecommunications services at Camp Parks. The Army stated that Camp Parks is gaining tenants as the result of base closure and realignment actions. Further, the Army also stated that there is an identified requirement for 500 additional telephone lines. The FORSCOM economic analysis will determine the most cost-effective manner in which those requirements will be met.

Audit Response. The Army did not provide documentation to support the requirement for 500 additional lines. However, we are accepting the action taken as meeting the intent of the recommendation. No further comments are required.

3. If a requirement for switched telecommunications services is not established, cancel plans to relocate the remote switching unit from the Presidio of San Francisco to the Parks Reserve Forces Training Area.

Department of the Army Comments. The Army nonconcurred with the recommendation, stating that actions taken will be dependent on the results of the FORSCOM economic analysis. If the economic analysis does not support the use of the Presidio switch at Camp Parks, the plan to use the switch will be canceled. However, if the economic analysis supports the use of the Presidio switch at Camp Parks, plans to move the switch will continue.

Audit Response. Action taken meets the intent of the recommendation. No further comments are required.

4. Prepare an analysis of alternative equipment and services, to include equipment and services that are either vendor provided through lease or purchase or Government-owned or a combination of the two, and select the most economically and technically feasible solution that satisfies a requirement for switched telecommunications services, if the requirement is established.

Department of the Army Comments. The Army concurred with the recommendation, stating that the FORSCOM economic analysis will evaluate alternative methods for providing switched telecommunications services to Camp Parks.

Management Comments and Audit Response on the Potential Monetary Benefits

Department of the Army Comments. The Army nonconcurred with the potential monetary benefits, stating that the $2.4 million cited in the report (see Appendix D) was an initial estimate that had never been validated. The Army estimated that about $1.6 million would be needed to upgrade the Camp Parks infrastructure, regardless of the alternative selected from the results of the

FORSCOM economic analysis. The actual monetary benefits would not be known until the FORSCOM economic analysis is completed and all alternatives are evaluated.

Audit Response. The Army's comments are responsive. The Army is requested to provide a recalculation of potential monetary benefits in response to the final report.

Finding B. Telecommunications Management at Camp Parks

The Army did not effectively manage telecommunications services at Camp Parks. The Army did not acquire leased long-haul, special-purpose circuits through DISA as required by the DoD; properly maintain records for telecommunications equipment and services, as required by the Army; or establish a centralized telecommunications management function at Camp Parks. As a result, DISA was unable to maintain oversight of long-haul, leased circuits at Camp Parks and the Army did not implement a reconfiguration opportunity that could reduce communications costs by about $353,000 for a 72-month period ending in FY 2000.

Background

In 1991, DoD issued guidance assigning DISA the responsibility for circuit configuration management. DoD Instruction 4640.14 requires DISA to acquire and manage long-haul telecommunications equipment and services for the DoD. That responsibility includes determining which element (a common-user system) of the Defense Communications System or which contract (Federal Telephone System 2000 or new acquisition) will satisfy the DoD Components' long-haul telecommunications requirements. DoD Instruction 4640.14 further requires DISA to work with the DoD Components in planning acquisitions for the most effective and economical long-haul telecommunications equipment and services. The Instruction also states that "DISA and the DoD Components shall ensure that the optimal mix of long-haul telecommunications equipment and services is installed to support mission requirements." The Instruction further states "traffic studies [analyses of the volume of use on telecommunications paths], configuration analysis, and engineering [of communications, services, and equipment] shall be conducted for each DoD base, post, camp, station, and installation at least every 2 years . . . ."

The Army issued supplemental guidance to DoD Instruction 4640.14 in 1991. Army Pamphlet 25-1-1, "Installation Information Services," August 27, 1991, assigns the Directorate of Information Management (DOIM) the responsibility of managing the Army's information services, including telecommunications, at the installation level. According to Army Pamphlet 25-1-1, the DOIM functions include, but are not limited to:

> . . . providing for a continuing mission analysis of common-user information services; providing direction and assistance pertaining to the acquisition, use, control, and resource management of Army installation information services and facilities; and maintaining all required forms and records pertaining to the function of information systems, including a file of maps and plant-to-plant drawings [wiring

diagrams for telecommunications cable between and through buildings], as part of the cable plant records [telecommunications equipment and services records for an installation].

Present Configuration of Circuits at Camp Parks

Camp Parks personnel obtained access to communications services through the local telephone company's automated telecommunications system, the Central Office Exchange Service. The Army leased 32 long-haul, special-purpose voice circuits through the Central Office Exchange Service to obtain DSN access for Camp Parks from the main switch at the Presidio. The Army spends $6,952 a month ($83,424 annually) for the 32 circuits connecting Camp Parks to the Presidio. The Presidio is scheduled to close on September 30, 1994, in accordance with the decision of the Defense Commission on Base Realignment and Closure. However, the main switch at the Presidio is expected to remain operational. The present configuration of circuits is described in Appendix B.

Management of Telecommunications Requirements

The Army did not effectively manage telecommunications requirements at Camp Parks, as required by DoD Instruction 4640.14 and Army Pamphlet 25-1-1.

Compliance with DoD Procedures for Leasing Circuits. Before October 1, 1993, the DOIM for Camp Parks was located at the Presidio. The DOIM leased 6 of the 32 circuits at Camp Parks through DISA and improperly leased the remaining 26 directly from the local telephone company. Because the Army did not allow DISA to acquire the telecommunications services, DISA could not perform lease versus purchase analyses, market surveys, revalidations, traffic studies, configuration analyses, or engineering of telecommunications services to ensure that the long-haul telecommunications services were economically procured and properly managed. Further, DISA had no oversight of the 26 circuits and could not preserve its responsibility for circuit configuration management.

Compliance with Army Procedures for Maintaining Records. The Army did not maintain maps or wiring diagrams showing where circuits were routed at Camp Parks as required by Army Pamphlet 25-1-1. FORSCOM officials verified that the Army did not have maps detailing the circuit wiring at Camp Parks. The lack of maps and wiring diagrams hampers the ability to assess the need for switched telecommunications services as described in Finding A. No maps or diagrams also hampers the ability to implement a reconfiguration opportunity.

Communications Management. The Army did not establish a central telecommunications management function at Camp Parks. Due to the closure of

the Presidio on September 30, 1994, FORSCOM aligned the Army organizations located at Camp Parks under three DOIMs located at Fort Lewis, Washington; Fort Lawton, Washington; and Fort McPherson, Georgia. Some or all of the organizations aligned under Fort Lewis are scheduled to be realigned under Fort McCoy, Wisconsin, on October 1, 1994. We believe that effective management of Camp Parks telecommunications will be further hampered by fragmenting communications management control among three DOIMs.

Reconfiguration Opportunity

Because telecommunications requirements at Camp Parks were not effectively managed, the Army was unable to implement a reconfiguration opportunity identified by FORSCOM in an internal Army letter, dated August 18, 1993.

Reconfiguration Technique. Multiplexing is one reconfiguration technique that consists of combining two or more independent circuits into a composite signal through the use of equipment, such as a multiplexer or a sophisticated modem. The signal is then sent via the transmission medium to similar multiplexing equipment at the receiving end where the process is reversed, restoring the circuits to their original state. Multiplexing includes various combinations of single-channel circuits, multichannel circuits with idle capacity, or fully utilized multichannel circuits that can be consolidated into even larger multichannel circuits. It is more economical to use multiplexing techniques when the cost of leasing a number of independent circuits exceeds the cost of acquiring a multiplex system.

Alternative Configuration. We determined that multiplexing is more cost-effective than installing a remote switching unit at Camp Parks (see Finding A). Using that alternative configuration, Camp Parks can continue to access the DSN through the Presidio's switch. Instead of spending $83,424 annually for 32 voice circuits, the Army could lease a 24-channel T1 (digital transmission link with a capacity of 1.544 million bits per second) and a Direct Digital Interface from the local telephone company and purchase a multiplexer. With that configuration, Camp Parks could retain DSN access on 24 channels for $2,163 a month or $25,956 annually. The reconfiguration solution is detailed in Appendix B.

After recouping the installation cost of $11,123 (a payback period of about 3 months) for the T1, Direct Digital Interface, and multiplexer, the Army could put $352,640 to better use during a 72-month period starting in FY 1994 and ending in FY 2000 (see Appendix C). The multiplexing alternative would reduce the Army's long-haul telecommunications expenditures and provide Camp Parks a more cost-effective access to the DSN and an immediate configuration solution to reduce expenditures as Camp Parks' communications requirements are assessed.

Recommendations, Management Comments, and Audit Responses

1. We recommend that the Commander, U.S. Army Forces Command:

a. Acquire long-haul, special-purpose voice circuits at the Parks Reserve Forces Training Area, Camp Parks, California, through the Defense Information Systems Agency.

Department of the Army Comments. The Army partially concurred with the recommendation, stating that the most cost-effective means of providing required long-haul communications to Camp Parks will be considered in the FORSCOM economic analysis.

b. Prepare and maintain all required forms and records for telecommunications equipment and services.

Department of the Army Comments. The Army concurred with the recommendation, stating that FORSCOM will comply with DoD and Army regulations to keep required telecommunications records.

c. Establish a central telecommunications management function for the garrison and tenant organizations at the Parks Reserve Forces Training Area.

Department of the Army Comments. The Army partially concurred with the recommendation, stating that central telecommunications management is being maintained and performed by the Fort Lewis DOIM. In addition, the Army stated that the Fort Lewis DOIM will work towards rectifying any past distributed circuit management with the Camp Parks garrison and tenants.

2. We recommend that the Director, Defense Information Systems Agency, take appropriate action to reconfigure circuits listed in Appendix B.

Defense Information Systems Agency Comments. The Defense Information Systems Agency stated it will work with the Army to validate requirements, determine the status of each circuit, and take corrective action to either reconfigure or disconnect the circuits in about 45 days.

Management Comments and Audit Response on the Potential Monetary Benefits

Department of the Army Comments. The Army stated that it would be premature to verify the most cost-effective approach toward meeting the Camp Parks telecommunications requirement. All feasible solutions to the Camp Parks requirements will be considered in the FORSCOM economic analysis.

Audit Response. The Army's comments are responsive. The Army is requested to provide comments on the potential monetary benefits based on the results of the FORSCOM economic analysis.

Part III - Additional Information

Appendix A. Prior Audits and Other Reviews

Five prior Inspector General, DoD, audit reports describe problems regarding uneconomical leases of telecommunications services.

Office of the Inspector General, DoD, Report No. 94-120, "Telecommunications Circuit Allocation Programs - Jacksonville Area," June 6, 1994. The audit showed that reconfiguration opportunities were not effectively identified and the requirements were not adequately revalidated. The report states that 63.3 percent of the 166 sampled Command Communications Service Designators (CCSDs) reviewed at DoD and non-DoD organizations in the Jacksonville, Florida, metropolitan area were either potentially not cost-effective in their configurations or were no longer required. For the sampled CCSDs, the report identified 74 (44.6 percent) circuits as candidates for potential reconfiguration. Leases for 31 (18.7 percent) other circuits could be terminated because they were no longer required. The audit determined that $9.6 million could be put to better use if circuits are either reconfigured or terminated in the Jacksonville area during the execution of the FY 1994 through FY 1999 Future Years Defense Program. Finally, for that same period, about $1.5 million could be put to better use if 28 circuits that were not part of the audit universe or sample are reconfigured or terminated. We recommended that the circuits be reconfigured or terminated. Management concurred with the finding and recommendations.

Office of the Inspector General, DoD, Report No. 94-072, "Telecommunications Circuit Allocation Programs - Kansas City Area," March 31, 1994. The audit showed that reconfiguration opportunities were not effectively identified and that requirements were not adequately revalidated. The report states that 63.1 percent of the 92 sampled CCSDs at DoD organizations in the Kansas City, Missouri, metropolitan area were either potentially not cost-effective in their configurations or no longer required. For the sampled CCSDs, the report identified 33 (35.9 percent) circuits as candidates for potential reconfiguration. Leases for 25 (27.2 percent) other circuits could be terminated because they were no longer required. The audit determined that $7.9 million could be put to better use if circuits are either reconfigured or terminated in the Kansas City area during the execution of the FY 1994 through FY 1997 Future Years Defense Program. Finally, for that same period, about $1.3 million could be put to better use if 21 circuits that were not part of the audit universe or sample are terminated. We recommended that the circuits be reconfigured or terminated. Management concurred with the finding and four of the six recommendations, stating that corrective actions were taken in the normal course of business and should not be reflected as monetary benefits resulting from the audit. Management has taken all necessary corrective actions.

Office of the Inspector General, DoD, Report No. 94-051, "Telecommunications Circuit Allocation Programs - San Antonio Area," March 11, 1994. The audit showed that reconfiguration opportunities were not effectively identified and that requirements were not adequately revalidated.

The report states that 47.6 percent of the 193 sampled CCSDs reviewed at DoD organizations in the San Antonio, Texas, metropolitan area were either potentially not cost-effective in their configurations or were no longer required. For the sampled CCSDs, the report identified 84 (43.5 percent) circuits as candidates for potential reconfiguration. Leases for eight (4.1 percent) other circuits could be terminated because they were no longer required. The audit determined that $8.9 million could be put to better use if circuits are either reconfigured or terminated in the San Antonio area during the execution of the FY 1994 through FY 1996 Future Years Defense Program. Finally, for that same period, about $.015 million could be put to better use if one circuit that was not part of the audit universe or sample is terminated. We recommended that the circuits be reconfigured or terminated. Management concurred with the finding and recommendations.

Office of the Inspector General, DoD, Report No. 91-110, "Quick-Reaction Report on the Reconfiguration of Automatic Voice Network Access Circuits - Kansas City Area," July 3, 1991. The audit showed that DISA neither identified reconfiguration opportunities nor coordinated implementation of reconfiguration solutions when two or more DoD Components were involved. The report showed that less costly reconfiguration opportunities existed, but were not effectively identified or implemented for 109 CCSDs for Automatic Voice Network access circuits at 7 DoD organizations in the Kansas City, Missouri, metropolitan area. The report states that 41 (37.6 percent) of the 109 CCSDs reviewed were potentially not cost-effective in their configurations and showed that the 41 circuits were candidates for multiplexing. The reconfigured multiplexed circuits could result in DoD putting $658,000 to better use during the execution of the FY 1992 through FY 1997 Future Years Defense Program. The report recommended that DISA initiate immediate action to reconfigure the 41 Automatic Voice Network circuits. DISA agreed that although the recommendation was technically feasible, it was not compliant with the contract or the Defense Commercial Telecommunications Network/Automatic Voice Network merger solution previously proposed by AT&T and agreed to by the Government.

DISA proposed that an audit be performed addressing the AT&T pricing of the Defense Commercial Telecommunications Network/Automatic Voice Network access lines to assist DISA and DECCO in conducting their annual rate review negotiations with AT&T. The annual rate review is required by the Defense Commercial Telecommunications Network contract. The Assistant Inspector General for Auditing agreed that an audit would be performed to determine that the AT&T prices and approach under the Defense Commercial Telecommunications Network/Automatic Voice Network merger were adequately supported, cost-effective, and fair. It was also agreed that DISA support for the audit would be the required action instead of implementing the recommendation in Report No. 91-110. As a result of the audit, Office of the Inspector General, DoD, Report No. 94-097, "Pricing for Defense Switched Network Access Circuits," May 13, 1994, was issued. This audit identified pricing problems with the contracts and corrective actions were initiated.

Office of the Inspector General, DoD, Report No. 90-005, "Requirements Validation for Telecommunications Services," October 16, 1989. The audit showed that 21 percent of the 1,323 sample circuits reviewed at 21 DoD installations continued in service although no longer required, were not cost-effective as configured, or could not be identified. For the sampled circuits, the report identified 135 circuits (10.2 percent) that were no longer required, 130 circuits (9.8 percent) that were considered not cost-effective in their configurations, and 12 circuits (1.0 percent) that could not be identified. As a result, leased circuits that are no longer required or not cost-effective may cost DoD as much as $21 million during FY 1989 and $117 million during the execution of the FY 1989 through FY 1993 Five Year Defense Plan. The report contained several recommendations to the Assistant Secretary of Defense (Command, Control, Communications and Intelligence) and to the Under Secretary of Defense (Comptroller) one of which was to establish a definitive policy requiring DoD Components to review and revalidate telecommunications circuits leased and owned by the Defense Communications System. Management concurred in all recommendations in the report.

Appendix B. Special-Purpose Voice Circuits Recommended for Reconfiguration

Organizations at Camp Parks[1]	Telephone Numbers	Pacific Bell Voice Circuits	Pacific Bell Account Numbers	Monthly Recurring Cost
Administration	586-6065	66OSNJ-290409	236-371-5029	$ 216
Billeting	586-2139	66OSNJ-295081	236-371-5010	216
Budget	586-6856	66OSNJ-295238-001	236-371-5021	216
Commander/Deputy Commander	586-6262	6GP-1552[2]	239-351-0007	181
Commander/Deputy commander	586-4238	6GP-1353-2[3]	239-451-0600	242
Director Reserve Component Support	586-2710	66OSNJ-290405	236-371-5025	216
Directorate of Engineering and Housing	586-4197	66OSNJ-290401	236-371-5021	216
Dispensary	586-2369	66OSNJ-295080	236-371-5010	216
Equipment Concentration Site 30	586-2529	66PLNJ-290348	236-371-5010	215
Fire Department	586-3691	66OSNJ-290408	236-371-5028	215
Fort Lewis Representative	586-4551	66OSNJ-378743-001	234-371-8743	215
Fort Lewis Representative	586-4035	66OSNJ-378744-001	234-371-8744	215
Logistics	586-4148	66OSNJ-290402	236-371-5022	215
Logistics	586-6871	66OSNJ-295259-001	236-271-7248	210
Maintenance	586-2571	66OSNJ-290403	236-371-5023	215
Maintenance	586-3666	66OSNJ-290407	236-371-5027	205
Military Police Station	586-2037	66OSNJ-295079	236-371-5010	215
Noncommissioned Officer Academy	586-2756	66OSNJ-290406	236-371-5026	215
Noncommissioned Officer Academy	586-2284	66OSNJ-295082	236-371-5010	215
Operations	586-2575	66OSNJ-290404	236-371-5024	215
Operations	586-6239	6GP-1550[4]	239-951-0004	372
Regional Training Site-Medical	586-3291	66OSNJ-941366-001	236-271-5714	205
Regional Training Site-Medical	586-3154	66OSNJ-941366-003	236-271-5714	205
Regional Training Site-Medical	586-3153	66OSNJ-941366-004	236-271-5714	205
Regional Training Site-Medical	586-3225	66OSNJ-941366-002	236-271-5714	205
Regional Training Site-Medical FAX	586-3057	66OSNJ-941366-005	236-271-5714	205
Transportation Division	586-2081	66OSNJ-273532-003	234-271-3532	215
Transportation Division	586-2078	66OSNJ-273532-001	234-271-3532	215
Transportation Division	586-2079	66OSNJ-273532-002	234-271-3532	215
U.S. Army Reserve Forces School	586-6237	6GP-5095[5]	239-751-9824	181
1st Brigade, 91st Division	586-3754	6GP-1353-1[6]	239-451-0599	215
3rd Brigade, 91st Division	586-5119	6GP-5083[7]	239-951-1019	230
Total Monthly Recurring Cost				$ 6,952
Recurring Costs of Multiplexing Action				
Cost of 1.544 Mb/s[8] Leased Circuit				($ 1,088)[9]
Cost of Direct Digital Interface Lease[10]				(950)[9]
Cost of Equipment Maintenance Contract[11]				(125)[9]
Monthly Funds Put to Better Use Resulting from Reconfiguration Action				$ 4,789
Annual Funds Put to Better Use Resulting from Reconfiguration Action ($4,789 x 12 months)[12]				$57,468

See footnotes on next page.

Appendix B. Special-Purpose Voice Circuits Recommended for Reconfiguration

Total FY 1994 Funds Put to Better Use Resulting from Reconfiguration Action ($4,789 x 3 months)[13]	$14,367
Nonrecurring Costs of Multiplexing Action	
Installation of Circuit	($ 2,648)[9]
Installation of Direct Digital Interface[10]	(1,000)[9]
Purchase of Multiplexing Equipment[11]	(7,475)[9]
Net FY 1994 Funds Put to Better Use Resulting from Reconfiguration Action	$ 3,244

[1]The Defense Commercial Communications Office (DECCO) pays the monthly recurring costs of leased telecommunications services for the six circuits listed in footnotes 2 through 7 identified by a Command Communications Service Designator (CCSD). Various Directorates of Information Management pay the monthly cost for the other 26 circuits listed.
[2]Leased through the DECCO under CCSD UUBV7NTE.
[3]Leased through the DECCO under CCSD UUBV7HQS.
[4]Leased through the DECCO under CCSD UUBV7NTD.
[5]Leased through the DECCO under CCSD UUBV7HRT.
[6]Leased through the DECCO under CCSD UUBV7HQD.
[7]Leased through the DECCO under CCSD UUBV7GPV.
[8]1.544 megabytes per second "T-1 service" (1.544 Mb/s) or 24 voice channels.
[9]Cost data obtained from a representative vendor.
[10]Equipment leased from local telephone company to provide multiplexing service at the Central Office Exchange Service location.
[11]T-1 Multiplexer with associated hardware and maintenance.
[12]The annualization of the monthly cost reductions resulting from reconfiguration actions.
[13]FY 1994 funds put to better use were calculated for 3 months starting in July 1994. See Appendix C for annual funds put to better use.

Appendix C. Funds Put To Better Use Resulting from a Reconfiguration Opportunity

Program	Element No.	FY 1994[2]	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000[3]	72-Month[1] Total
Recurring Reductions (Operation and Maintenance)									
I&C[4]	LHC[5]/BC[6]	$14,367	$57,468	$58,790	$60,142	$61,555	$63,032	$48,409	$363,763
Nonrecurring Costs (Operation and Maintenance)									
I&C[4]	LHC[5]/BC[6]	(11,123)							(11,123)
Net Recurring Funds Put to Better Use		$ 3,244	$57,468	$58,790	$60,142	$61,555	$63,032	$48,409	$352,640

[1]This table summarizes results identified in Finding B. Using the FY 1995 annual recurring funds put to better use ($57,468) for the base year, we applied the established DoD inflation factors (2.3 percent for FY 1996, 2.3 percent for FY 1997, 2.35 percent for FY 1998, 2.4 percent for FY 1999, and 2.4 percent for FY 2000) for the next 72 months and calculated the total net funds put to better use at $352,640 for a 72-month period beginning in FY 1994 and ending in FY 2000.
[2]Funds put to better use for FY 1994 starting in July 1994.
[3]Funds put to better use for FY 2000 from October 1999 through June 2000.
[4]Intelligence and Communications.
[5]Element title is Long-Haul Communications (Defense Communications System), Army. Element Number is 0303126A.
[6]Element title is Base Communications-Continental U.S. Army. Element number is 0305701A.

Appendix D. Summary of Potential Benefits Resulting from Audit

Recommendation Reference	Description of Benefit	Amount and/or Type of Benefit
A.1., A.2., and A.3.	Economy and Efficiency. Proper evaluation of base telecommunications requirements ensures that the most effective, efficient, and least costly service is obtained.	Funds put to better use of $2.4 million (Budget year FY 1994). Appropriation: Operation and Maintenance, Program Element 0305701A.*
B.1.a. and B.1.b.	Compliance. Leasing long-haul circuits in accordance with applicable guidance and maintaining required documents will ensure that telecommunications services are procured in the most cost-effective manner.	Monetary benefits are included under Recommendation B.2.
B.1.c.	Economy and Efficiency. Establishing a centralized telecommunications management function for all installation and DoD tenant activities at Camp Parks will help to ensure that telecommunications equipment and services are procured in the most cost-effective manner.	Nonmonetary.
B.2.	Economy and Efficiency. Reconfiguring the identified circuits will help to ensure that the most effective, efficient, and least costly service is obtained.	Funds put to better use of $352,640 (Budget years FY 1994 through FY 2000). Appropriation: Operation and Maintenance, Program Elements 0303126A and 0305701A.*

*The actual amount of potential monetary benefits will be determined from the planned Army economic analyses.

Appendix E. Organizations Visited or Contacted

Department of the Army

Headquarters, U.S. Army Forces Command, Fort McPherson, GA
- U.S. Army Garrison, Presidio of San Francisco, CA
- 1115th Signal Battalion, Fort Lewis, WA
- Headquarters, U.S. Army Reserve Command, Atlanta, GA
  - Parks Reserve Forces Training Area, Camp Parks, CA
  - 91st Division, Fort Baker, CA
  - 124th Army Reserve Command, Fort Lawton, WA

Headquarters, U.S. Army Information Systems Command, Fort Huachuca, AZ
- U.S. Army Commercial Communications Office, Fort Huachuca, AZ

Defense Agency

Defense Information Systems Agency, Arlington, VA
- Defense Commercial Communications Office, Scott Air Force Base, IL

Non-Defense Organizations

Newbridge Networks Incorporated, Herndon, VA
Pacific Bell, Sacramento, CA
Pacific Bell, San Jose, CA

Appendix F. Report Distribution

Office of the Secretary of Defense

Under Secretary of Defense (Comptroller)
Assistant to the Secretary of Defense (Public Affairs)

Department of the Army

Secretary of the Army
Auditor General, Department of the Army

Department of the Navy

Auditor General, Department of the Navy

Department of the Air Force

Auditor General, Department of the Air Force

Defense Organizations

Director, Defense Contract Audit Agency
Director, Defense Information Systems Agency
Director, Defense Logistics Agency
Director, National Security Agency
Inspector General, Central Imagery Office
Inspector General, Defense Intelligence Agency
Inspector General, National Security Agency
Director, Defense Logistics Studies Information Exchange

Non-Defense Federal Organizations

Office of Management and Budget
Technical Information Center, National Security and
International Affairs Division, U.S. General Accounting Office

Chairman and Ranking Minority Member of Each of the Following
Congressional Committees and Subcommittees:

Senate Committee on Appropriations
Senate Subcommittee on Defense, Committee on Appropriations

Non-Defense Federal Organizations (cont'd)

Senate Committee on Armed Services
Senate Committee on Commerce, Science, and Transportation
Senate Subcommittee on Communications,
Committee on Commerce, Science, and Transportation
Senate Committee on Governmental Affairs
House Committee on Appropriations
House Subcommittee on Defense, Committee on Appropriations
House Committee on Armed Services
House Subcommittee on Oversight and Investigations,
Committee on Armed Services
House Committee on Energy and Commerce
House Subcommittee on Telecommunications and Finance,
Committee on Energy and Commerce
House Committee on Government Operations
House Subcommittee on Legislation and National Security,
Committee on Government Operations

Part IV - Management Comments

Department of the Army Comments

DEPARTMENT OF THE ARMY
OFFICE OF THE SECRETARY OF THE ARMY
107 ARMY PENTAGON
WASHINGTON DC 20310-0107

11 OCT 1994

Office, Director of Information Systems for Command, Control, Communications, & Computers

SAIS-C4S

MEMORANDUM FOR INSPECTOR GENERAL, DEPARTMENT OF DEFENSE, ATTN: ASSISTANT INSPECTOR GENERAL FOR AUDITING, 400 ARMY NAVY DRIVE, ARLINGTON, VA 22202-2884

SUBJECT: Audit Report on Communications Management at the Parks Reserve Forces Training Area, Camp Parks, California (Project No. 3RD-0008.02)

1. Reference memorandum, IG, DoD, 24 Aug 1994, SAB, with the enclosed Draft Audit Report.

2. The Army agrees with the intent of the findings contained in the subject Audit report, except for the potential monetary benefits. FORSCOM will conduct a detailed economic analysis of the various options to meet Camp Parks telecommunications requirements, as suggested in the report. Any savings or monetary benefits to be accrued as a result of meeting Camp Parks telecommunications requirements will be considered in that analysis. The recommendations contained in that analysis will form the basis for an Army solution at Camp Parks. While awaiting the results of the economic analysis, FORSCOM will cease preparations for movement of the Presidio San Fransisco remote switching unit (RSU) to Camp Parks. However, upon receipt of that analysis, the Army may find the RSU to be the best solution and procede then to install the RSU at Camp Parks. FORSCOM will forward a copy of the economic analysis and the FORSCOM chosen alternative to the DoD IG Office for consideration in their final audit report. The Army's detailed response to the subject draft report is enclosed.

3. SAIS-C4 POC is LTC Kersh, DSN 224-6166.

FOR THE DIRECTOR:

Donald E. Fowler II

DONALD E. FOWLER II
Colonel, GS
Deputy Director, C4 Modernization and Integration

Encl

CF:
SAAG-PRF-E
HQ, FORSCOM ATTN: AFCS-IR

Printed on Recycled Paper

Final Report Reference

SAIS-C4S
SUBJECT: Audit Report on Communications Management at the Parks Reserve Forces Training Area, Camp Parks, California (Project No. 3RD-0008.02)

ARMY POSITION:

Finding A - Army Background As a result of BRAC actions and FORSCOM unit movements, Camp Parks is to gain additional tenants, including a Reserve Component Battle Projection Simulation Group. The Battle Projection Simulation Group alone has identified an additional requirement at Camp Parks for 500 telephone lines. This information was probably not available to the Camp Parks Garrison staff or the DoD IG team at the time of the audit. In order to meet the increased Camp Parks requirement, FORSCOM has decided to potentially re-use the existing Remote Switching Unit (RSU) located at Presidio of San Francisco, CA, which will be available as a result of BRAC closure of Presidio of San Francisco. The management of the Camp Parks telecommunication requirements has been assigned to the DOIM at Ft. Lewis, WA. Since the audit, requirements analysis for Camp Parks have been accomplished. As a result of the DoD IG audit suggestion, further economic analysis will be conducted to determine the most cost effective manner to meet the Camp Parks telecommunications requirements. Until that analysis is available, no further action to move the Presidio RSU to Camp Parks will be taken.

Specific Comments:

Finding A-1. Suspend plans to relocate the remote switching unit from the Presidio of San Francisco to the Parks Reserve Forces Training Area, Camp Parks, California.

Recommendation A.1. Page 7

PARTIALLY CONCUR. The Army has suspended its plan to move the Presidio RSU to Camp Parks, until an economic analysis determines that to be (or not) the correct course of action. An economic analysis comparing dedicated resources versus leased services to meet the Camp Parks requirements will be performed. Army actions with regard to the RSU will depend ultimately upon the result of that analysis.

Finding A-2. Assess the need for switched telecommunications services at the Parks Reserve Forces Training Area, and if services are required, identify the technical specifications for telecommunications equipment and services to satisfy that requirement.

Recommendation A.2. Page 7

PARTIALLY NONCONCUR. The requirement HAD been established by FORSCOM (although perhaps the Camp Parks Garrison Staff was not aware of it) - Camp Parks is gaining tenants with a known significant requirement for additional telephone lines (see Army background paragraph above). The FORSCOM economic analysis will determine the most cost effective manner in which those requirements will be met.

2

Final Report Reference

SAIS-C4S
SUBJECT: Audit Report on Communications Management at the Parks Reserve Forces Training Area, Camp Parks, California (Project No. 3RD-0008.02)

Recommendation A.3. Page 8

Finding A-3. If a requirement for switched telecommunications services is not established, cancel plans to relocate the remote switching unit from the Presidio of San Francisco the Parks Reserve Forces Training Area.

PARTIALLY NONCONCUR. The requirement for expanded telecommunications services at Camp Parks HAS been established. While FORSCOM is conducting an economic analysis in order to determine the most cost effective means of meeting Camp Parks telecommunications requirements, no further action will be taken to move the Presidio RSU. If the economic analysis does not support the use of the Presidio RSU at Camp Parks, the plan to utilize the RSU will be cancelled. However, should the economic analysis support the use of the Presidio RSU at Camp Parks, those plans to move the RSU will continue.

Recommendation A.4. Page 8

Finding A-4. Prepare an analysis of alternative equipment and services, to include equipment and services that are either vender provided through lease or purchase, Government owned, or a combination of the two, and select the most economically and technically feasible solution that satisfies a requirement for switched telecommunications service, if the requirement is established.

CONCUR. The Army has established the requirement for additional switched telecommunications services at Camp Parks. The analysis of alternatives will include a review of requirements to upgrade and modify the existing infrastructure, of which only 500 feet of the existing cable is government owned. FORSCOM plans to initiate the economic analysis NLT 1 Jan 95.

Potential Monetary Benefits. The $2.4M cited in the report is an initial estimate that has never been validated. Included in the $2.4M is the cost to upgrade the infrastructure to support the new organizations that are scheduled to become tenants at Camp Parks. It is estimated that about 2/3 of the $2.4M, or $1.6M, will be required for the upgrade (which will be necessary to provide service for the additional tenants that Camp Parks will gain). The upgrade and it's associated costs will be incurred regardless of the alternative that is selected from the results of the FORSCOM economic analysis. As such, the actual monetary benefits, if any, will not be known until the economic analysis is completed and all alternatives are evaluated.

Finding B - Army Background. The circuit management at Camp Parks has been conducted in the past IAW DoDD 5100.32 and Change 1 to the Army FAR supplement (7 Aug 84), which provided USAISC with the authority to enter into contracts for communications services also.

3

Final Report Reference

SAIS-C4S
SUBJECT: Audit Report on Communications Management at the Parks Reserve Forces Training Area, Camp Parks, California (Project No. 3RD-0008.02)

As such, the Army 7th Signal Command had contracted for those past services. Additionally, FORSCOM had assigned the Presidio of San Francisco with the requirement to manage telecommunications for Camp Parks. The Army is aware that there are new regulations covering this area, and steps are being taken to ensure compliance with those current regulations.

Since the Presidio is on the BRAC closure list, FORSCOM has assigned the task of managing the Camp Parks telecommunications to the DOIM at Ft. Lewis, WA. The DOIM, Ft. Lewis, is in the process of evaluating and correcting any outstanding Camp Parks telecommunications issues.

Finding B-1.a. We recommend that the Commander, FORSCOM acquire long-haul, special-purpose voice circuits at the Parks Reserve Forces Training Area, Camp Parks, California, through the Defense Information Systems Agency as required by DoDI 4640.14, "Base and Long-Hual Telecommunications Equipment and Services," 5 Dec 91.

Recommendation B.1.a. Page 13

PARTIALLY CONCUR. All the DoD IG audit recommendations, including determining the most cost effective means of providing any required long-haul communications to Camp Parks, will be considered as part of the FORSCOM economic analysis.

Finding B-1.b. We recommend that the Commander, FORSCOM prepare and maintain all required forms and records for telecommunications equipment and services as required by Army Pamphlet 25-1-1, "Installation Information Services," 27 Aug 91.

Recommendation B.1.b. Page 13

CONCUR. Of course FORSCOM will comply with DoD and Army regulation to keep required telecommunications records. Records will be properly prepared and maintained for the Camp Parks switched telecommunications system by the Ft. Lewis DOIM, as soon as the final solution is determined and installed. That determination will be made as a result of the FORSCOM economic analysis into the various feasible alternatives for Camp Parks telecommunications services.

Finding B-1.c. We recommend that the Commander, FORSCOM establish a central telecommunications management function for the garrison and tenant organizations at the Parks Reserve Forces Training Area.

Recommendation B.1.c. Page 13

PARTIALLY CONCUR. The FORSCOM had already established central telecommunications management for Camp Parks through the Ft. Lewis DOIM, since the previous responsibilties assigned with Presido San Fransisco we terminated due to BRAC closure of Presidio. The Ft. Lewis DOIM is charged with being the single point of contact for consolidated management of Camp Parks

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telecommunications, and will work toward rectifying any past distributed circuit management with the Camp Parks Garrison and Tenants.

Potential Monetary Benefits. The Army considers it premature to verify the most cost effective approach toward meeting the telecommunications requirements at Camp Parks. The FORSCOM economic analysis will consider all feasible solutions to the Camp Parks requirements, and provide recommendations upon which to base a decision. When that analysis is available, a copy will be forwarded to the DoD IG for utilization with their final report.

5

Defense Information Systems Agency Comments

DEFENSE INFORMATION SYSTEMS AGENCY
701 S. COURT HOUSE ROAD
ARLINGTON, VIRGINIA 22204-2199

IN REPLY REFER TO Inspector General (DO2)

12 October 1994

MEMORANDUM FOR INSPECTOR GENERAL, DEPARTMENT OF DEFENSE
ATTN: Director, Readiness and Operational Support

SUBJECT: Draft Audit Report on Communications Management at the Parks Reserve Forces Training Area, Camp Parks, California (Project No. 3RD-0008.02)

Reference: DoDIG Audit Report, subject as above, 22 Aug 94

1. The referenced memorandum requests we provide comments on the subject audit report recommendation that we reconfigure circuits at Camp Parks. The report identified 32 circuits terminating at Parks Reserve Training Area, Camp Parks and recommended DISA take action to reconfigure those circuits by bundling/multiplexing to reduce the Army's long-haul telecommunications expenditures, thus providing Camp Parks with a more cost-effective access to the DSN and an immediate configuration solution as their communications requirements are addressed.

2. On 1 October 1994, DISA capitalized the Army Telecommunication Certification Office (TCO), which includes the responsibility to ensure that Army long-haul requirements are processed in accordance with existing DoD directives and instructions. Therefore, the overall responsibility for management of all long-haul communications now resides with DISA.

3. Of the 32 circuits identified for reconfiguration, the report classified six circuits as DCS circuits with valid Command Communications Service Designators (CCSDs). Using cost figures provided in the report and actual cost obtained from our Defense Information Technology Contracting Office (DITCO), it would not be cost-effective to multiplex only these six circuits.

4. We do not maintain the records for the 26 remaining circuits. However, we will work with our TCO and the Army to validate requirements and determine the status of each circuit. We will take corrective action as appropriate to either reconfigure or disconnect these circuits in approximately 45 days.

Quality Information for a Strong Defense

DISA IM, Inspector General (DO2), Draft Audit Report on Communications Management at the Parks Reserve Forces Training Area, Camp Parks, California (Project No. 3RD-0008.02), 12 Oct 94

5. The point of contact for this action is Ms. Sandra Leicht, Audit Liaison. If you have questions on our response, Ms. Leicht can be reached at (703) 692-5326.

FOR THE DIRECTOR:

RICHARD T. RACE
Inspector General

Audit Team Members

This report was prepared by the Readiness and Operational Directorate, Office of the Assistant Inspector General for Auditing, DoD.

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